

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011620\
 Data File : VN059724.D
 Acq On : 16 Jan 2020 11:49
 Operator : JC/MD
 Sample : VN0116WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0116WBS01

Quant Time: Jan 17 04:34:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 14 08:58:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	217453	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	327317	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	295028	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	140865	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	114429	47.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.78%	
35) Dibromofluoromethane	7.56	113	98519	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
50) Toluene-d8	10.08	98	373828	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
62) 4-Bromofluorobenzene	12.40	95	130737	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	45237	17.303	ug/l	97
3) Chloromethane	2.04	50	41730	16.762	ug/l	99
4) Vinyl Chloride	2.17	62	50345	17.674	ug/l	99
5) Bromomethane	2.54	94	30753	17.691	ug/l	100
6) Chloroethane	2.68	64	23582	17.499	ug/l	98
7) Trichlorofluoromethane	3.00	101	60249	17.612	ug/l	98
8) Diethyl Ether	3.38	74	20861	17.377	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	3.74	101	34398	18.067	ug/l	91
10) Methyl Iodide	3.93	142	52110	16.933	ug/l	95
11) Tert butyl alcohol	4.73	59	32178	79.153	ug/l #	93
12) 1,1-Dichloroethene	3.72	96	33278	16.727	ug/l	87
13) Acrolein	3.58	56	13961	48.514	ug/l	99
14) Allyl chloride	4.29	41	50745	18.924	ug/l #	95
15) Acrylonitrile	4.94	53	75995	81.950	ug/l	99
16) Acetone	3.78	43	68246	75.887	ug/l	96
17) Carbon Disulfide	4.03	76	94739	16.717	ug/l	99
18) Methyl Acetate	4.29	43	45292	16.057	ug/l	92
19) Methyl tert-butyl Ether	5.00	73	110965	17.107	ug/l	94
20) Methylene Chloride	4.52	84	36574	15.856	ug/l	89
21) trans-1,2-Dichloroethene	5.01	96	36552	17.284	ug/l	84
22) Diisopropyl ether	5.91	45	101160	16.647	ug/l #	94
23) Vinyl Acetate	5.86	43	389486	82.781	ug/l #	93
24) 1,1-Dichloroethane	5.82	63	62640	16.870	ug/l	96
25) 2-Butanone	6.80	43	101683	74.355	ug/l #	86
26) 2,2-Dichloropropane	6.79	77	59871	16.772	ug/l	95
27) cis-1,2-Dichloroethene	6.80	96	42461	17.457	ug/l	86
28) Bromochloromethane	7.17	49	29791	20.074	ug/l #	70
29) Tetrahydrofuran	7.18	42	64563	76.305	ug/l #	86
30) Chloroform	7.35	83	66625	17.317	ug/l	99
31) Cyclohexane	7.63	56	58643	16.413	ug/l #	87
32) 1,1,1-Trichloroethane	7.55	97	61390	17.258	ug/l	95
36) 1,1-Dichloropropene	7.77	75	49635	17.413	ug/l	96
37) Ethyl Acetate	6.90	43	41423	15.494	ug/l #	96
38) Carbon Tetrachloride	7.75	117	54724	17.649	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	61474	17.491	ug/l	91
40) Benzene	8.02	78	146836	17.273	ug/l	100
41) Methacrylonitrile	7.18	41	62256	47.278	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	50614	17.561	ug/l	96
43) Isopropyl Acetate	8.14	43	73308	15.942	ug/l #	93
44) Trichloroethene	8.82	130	42905	18.488	ug/l	92
45) 1,2-Dichloropropane	9.10	63	36849	17.517	ug/l	98
46) Dibromomethane	9.19	93	26108	17.595	ug/l	90
47) Bromodichloromethane	9.39	83	53634	17.936	ug/l	98
48) Methyl methacrylate	9.18	41	33157	16.120	ug/l	91
49) 1,4-Dioxane	9.18	88	13410	356.142	ug/l	88
51) 4-Methyl-2-Pentanone	9.97	43	211602	79.604	ug/l	94
52) Toluene	10.14	92	94021	17.510	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	57139	17.113	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	61775	17.584	ug/l	93
55) 1,1,2-Trichloroethane	10.55	97	36756	17.283	ug/l	98
56) Ethyl methacrylate	10.42	69	53825	16.564	ug/l	91
57) 1,3-Dichloropropane	10.70	76	60617	17.954	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	91882	93.875	ug/l #	89
59) 2-Hexanone	10.74	43	152439	77.842	ug/l	94
60) Dibromochloromethane	10.89	129	42498	17.548	ug/l	100
61) 1,2-Dibromoethane	10.99	107	39059	17.523	ug/l	100
64) Tetrachloroethene	10.62	164	40841	16.985	ug/l	94
65) Chlorobenzene	11.43	112	102497	17.675	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	40062	17.879	ug/l	99
67) Ethyl Benzene	11.50	91	183390	17.421	ug/l	97
68) m/p-Xylenes	11.62	106	141637	35.619	ug/l	92
69) o-Xylene	11.94	106	68048	17.480	ug/l	95
70) Styrene	11.96	104	112611	17.287	ug/l	97
71) Bromoform	12.12	173	31064	17.308	ug/l #	99
73) Isopropylbenzene	12.25	105	182405	17.656	ug/l	100
74) N-amyl acetate	12.07	43	62596	15.615	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	50822	16.969	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	66712	28.141	ug/l #	100
77) Bromobenzene	12.52	156	46588	17.808	ug/l	80
78) n-propylbenzene	12.59	91	202567	17.469	ug/l	96
79) 2-Chlorotoluene	12.67	91	119209	17.281	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	153221	17.635	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	17428	15.788	ug/l	92
82) 4-Chlorotoluene	12.77	91	120131	17.363	ug/l	94
83) tert-Butylbenzene	12.99	119	134009	17.834	ug/l	93
84) 1,2,4-Trimethylbenzene	13.04	105	152030	17.687	ug/l	98
85) sec-Butylbenzene	13.17	105	174509	17.676	ug/l	99
86) p-Isopropyltoluene	13.28	119	160269	17.544	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	80257	17.660	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	80316	17.716	ug/l	97
89) n-Butylbenzene	13.61	91	135700	17.422	ug/l	98
90) Hexachloroethane	13.87	117	29439	17.224	ug/l	86
91) 1,2-Dichlorobenzene	13.65	146	79453	17.685	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	10783	15.326	ug/l	83

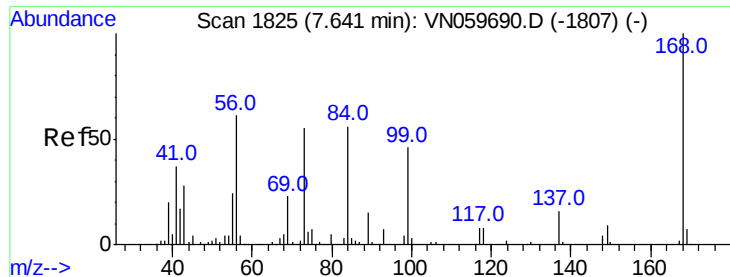
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011620\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	47735	17.682	ug/l	99
94) Hexachlorobutadiene	15.01	225	27515	18.496	ug/l	99
95) Naphthalene	15.13	128	123510	16.085	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	45868	17.456	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059724.D

Acq: 16 Jan 2020 11:49

Instrument :

MSVOA_N

ClientSampleId :

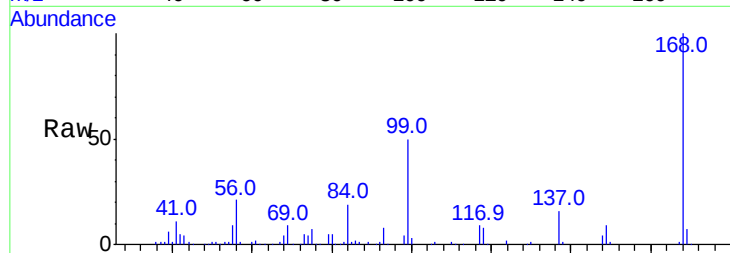
VN0116WBS01

Tgt Ion:168 Resp: 217453

Ion Ratio Lower Upper

168 100

99 49.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

100000

80000

60000

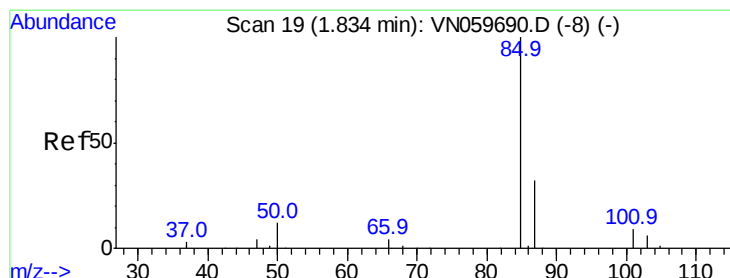
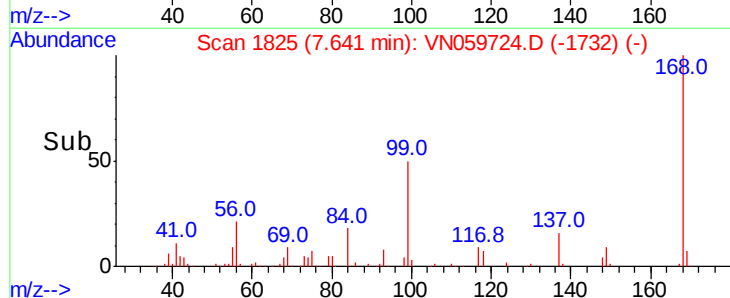
40000

20000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 17.303 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059724.D

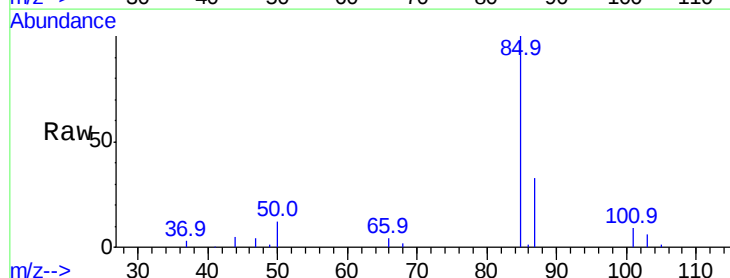
Acq: 16 Jan 2020 11:49

Tgt Ion: 85 Resp: 45237

Ion Ratio Lower Upper

85 100

87 33.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

30000

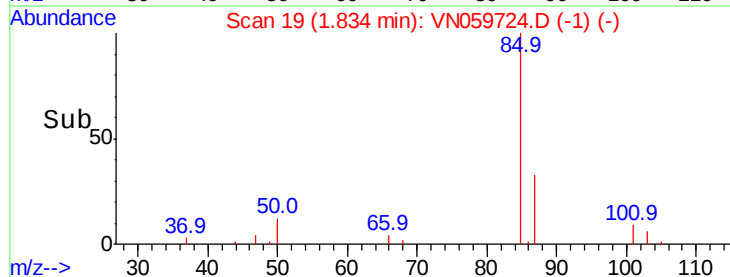
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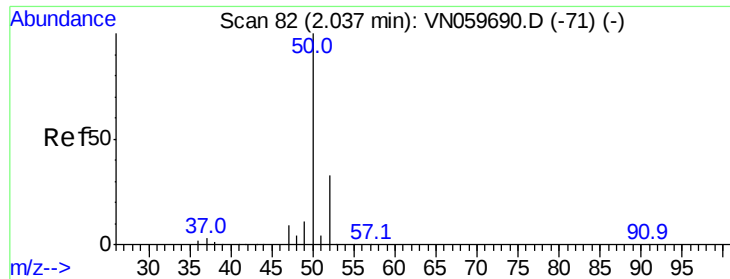
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0

1.80 1.85 1.90

Time-->

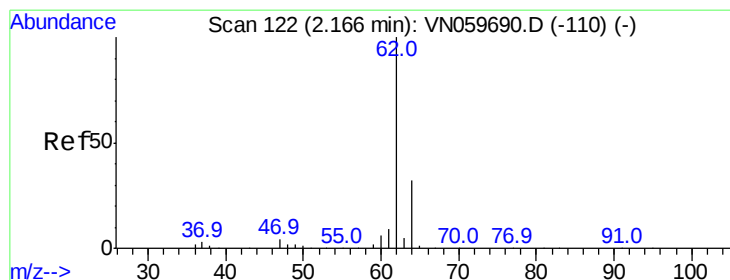
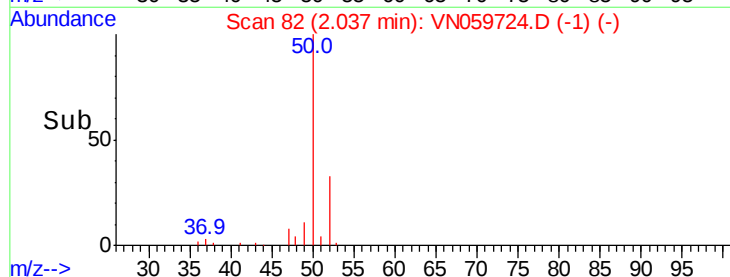
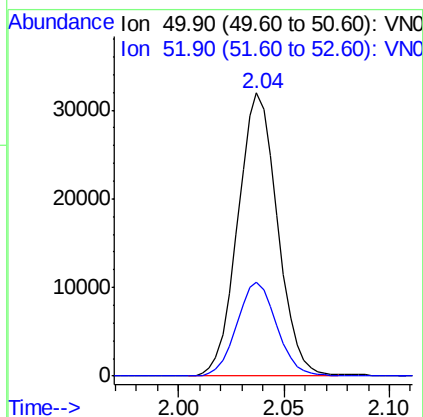
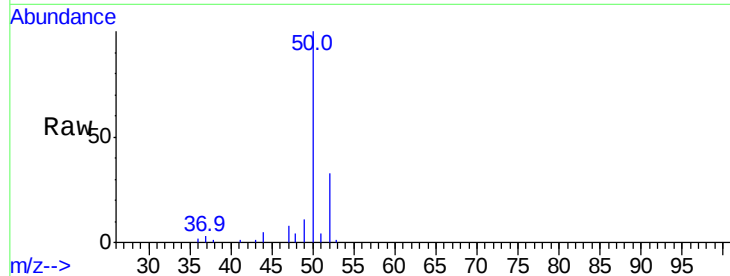




#3
Chloromethane
Concen: 16.762 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN059724.D
Acq: 16 Jan 2020 11:49

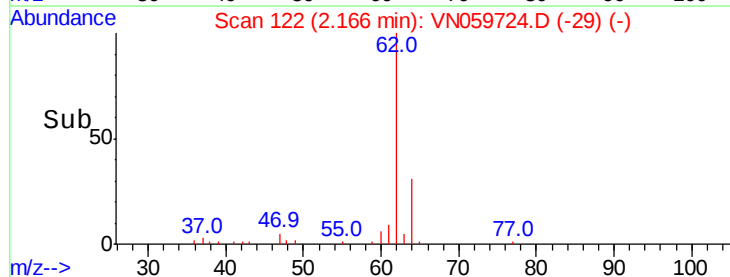
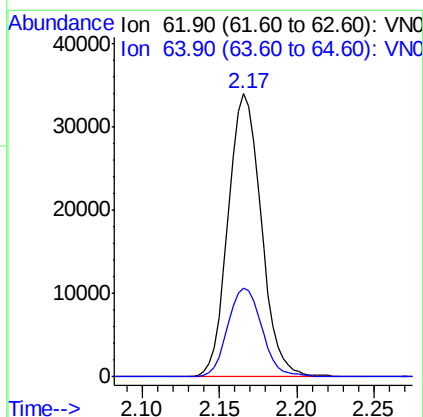
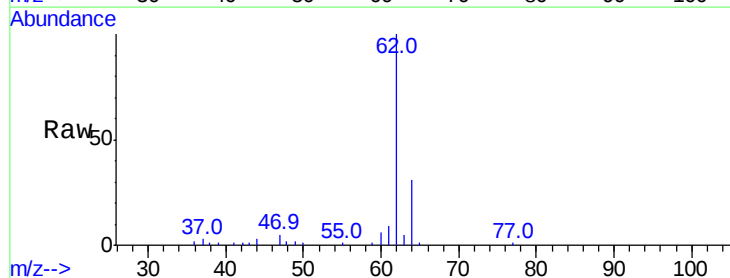
Instrument :
MSVOA_N
ClientSampleId :
VN0116WBS01

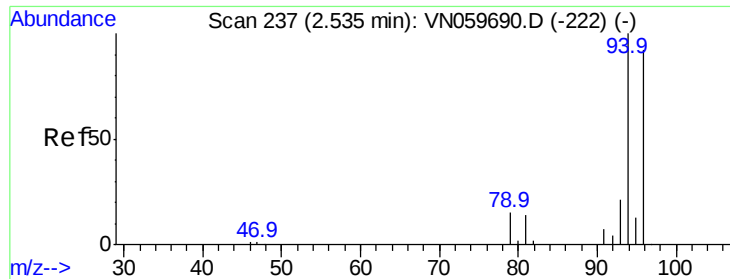
Tgt Ion: 50 Resp: 41730
Ion Ratio Lower Upper
50 100
52 33.0 25.9 38.9



#4
Vinyl Chloride
Concen: 17.674 ug/l
RT: 2.17 min Scan# 122
Delta R.T. 0.00 min
Lab File: VN059724.D
Acq: 16 Jan 2020 11:49

Tgt Ion: 62 Resp: 50345
Ion Ratio Lower Upper
62 100
64 31.2 24.6 37.0

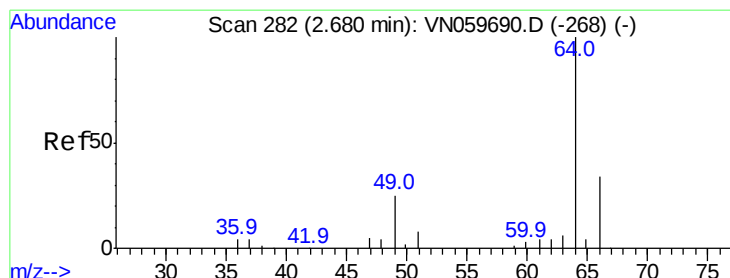
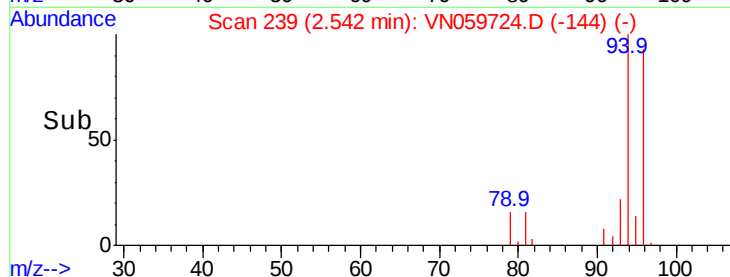
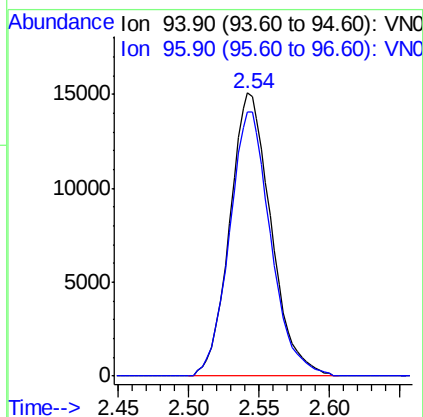
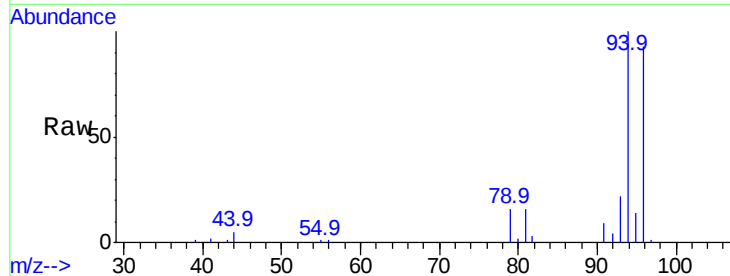




#5
Bromomethane
Concen: 17.691 ug/l
RT: 2.54 min Scan# 239
Delta R.T. 0.01 min
Lab File: VN059724.D
Acq: 16 Jan 2020 11:49

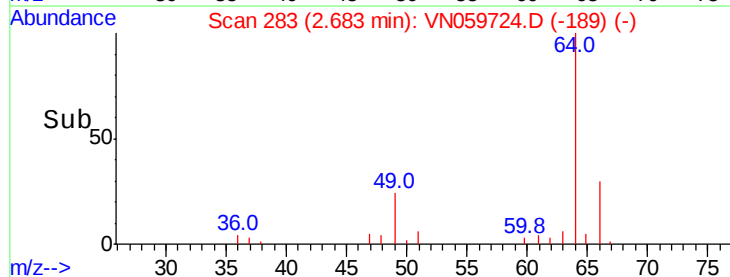
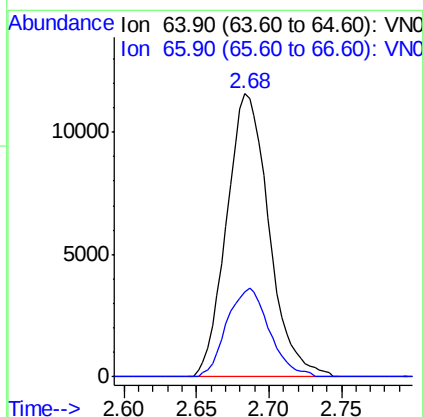
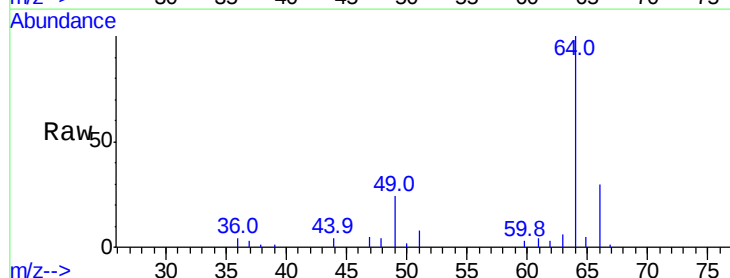
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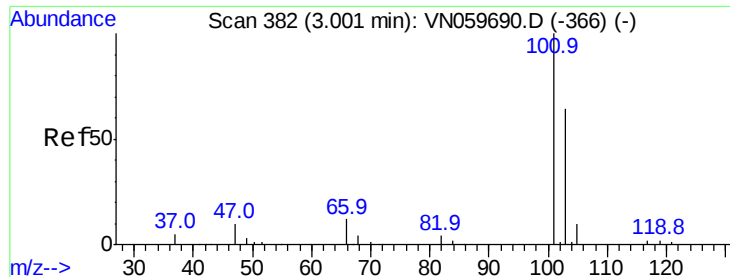
Tgt Ion: 94 Resp: 30753
Ion Ratio Lower Upper
94 100
96 93.4 74.7 112.1



#6
Chloroethane
Concen: 17.499 ug/l
RT: 2.68 min Scan# 283
Delta R.T. 0.00 min
Lab File: VN059724.D
Acq: 16 Jan 2020 11:49

Tgt Ion: 64 Resp: 23582
Ion Ratio Lower Upper
64 100
66 30.1 25.1 37.7



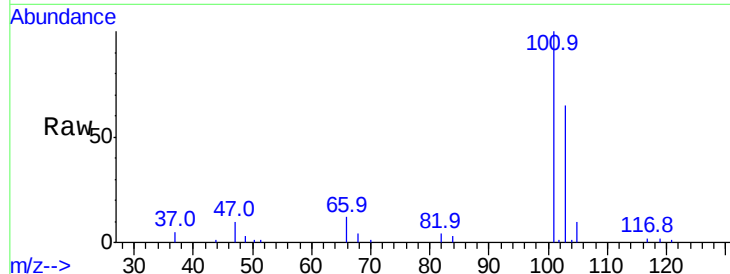


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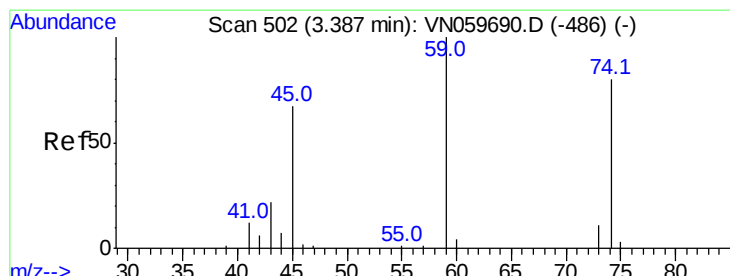
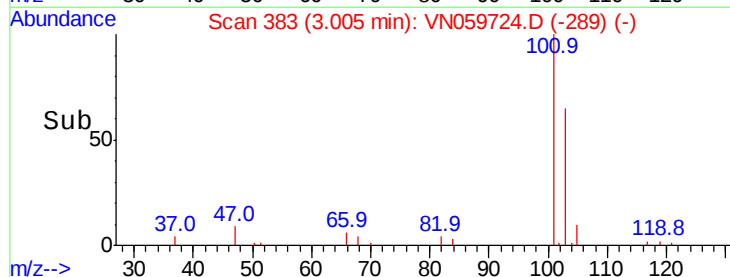
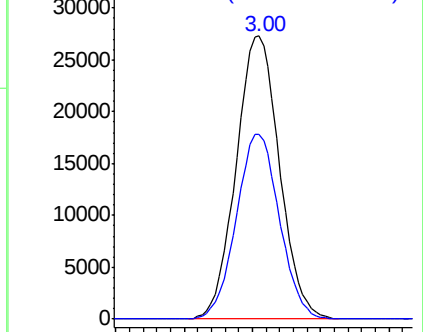
Trichlorofluoromethane
 Concen: 17.612 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN059724.D
 Acq: 16 Jan 2020 11:49

Instrument :
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 VN0116WBS01

Tgt Ion:101 Resp: 60249
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.0 76.6



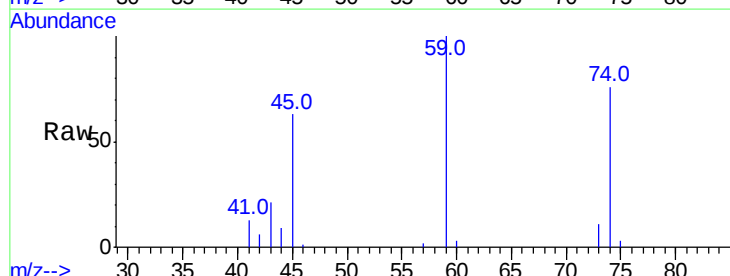
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



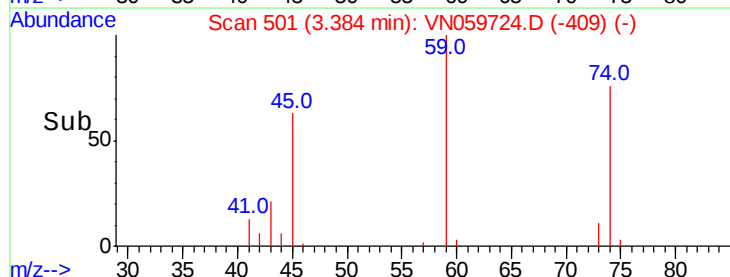
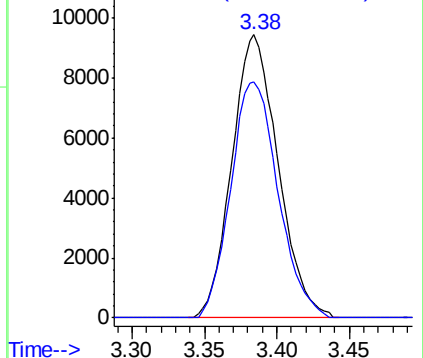
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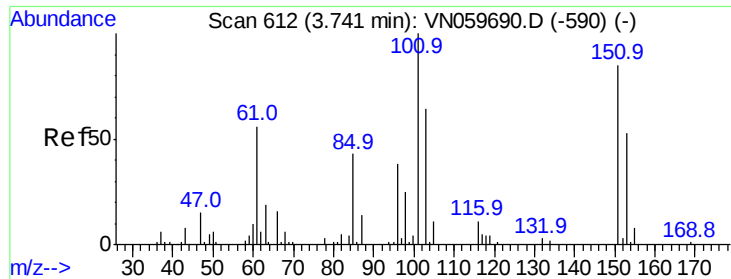
Diethyl Ether
 Concen: 17.377 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN059724.D
 Acq: 16 Jan 2020 11:49

Tgt Ion: 74 Resp: 20861
 Ion Ratio Lower Upper
 74 100
 45 85.6 51.9 155.8



Abundance Ion 74.00 (73.70 to 74.70): VNO
 Ion 45.00 (44.70 to 45.70): VNO

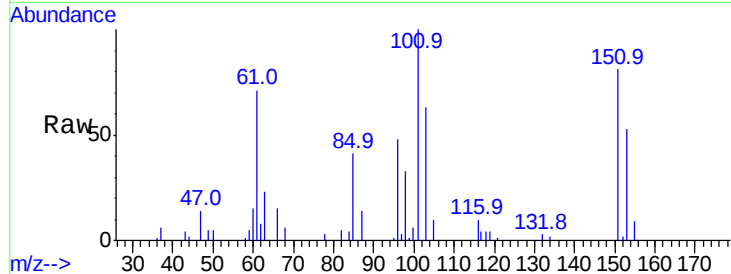




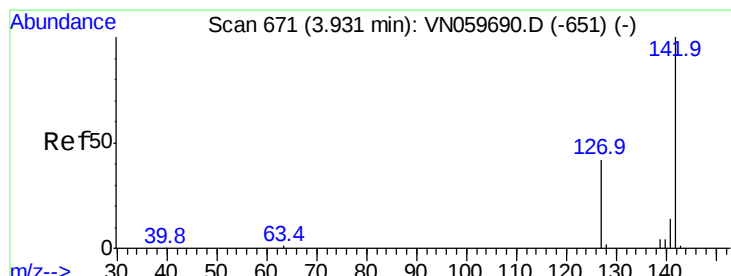
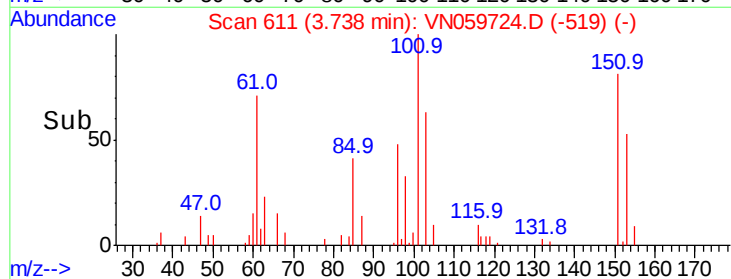
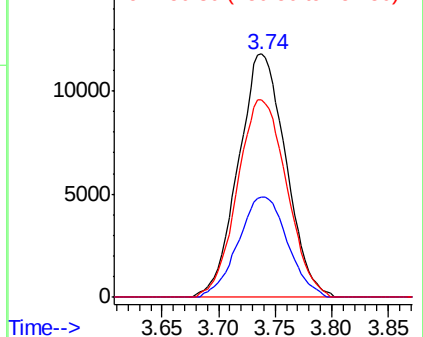
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.067 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VN059724.D
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Instrument :
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 VN0116WBS01

Tgt Ion:101 Resp: 34398
 Ion Ratio Lower Upper
 101 100
 85 43.0 36.6 54.8
 151 84.4 59.7 89.5

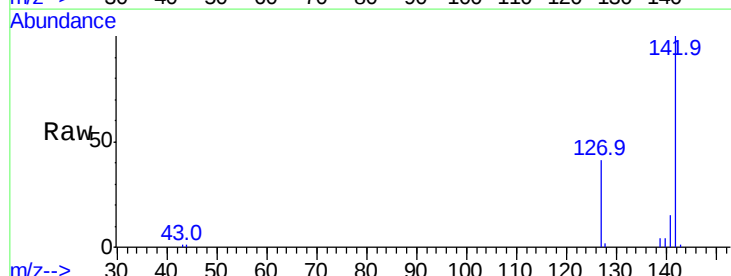


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VN
 Ion 150.80 (150.50 to 151.50): V

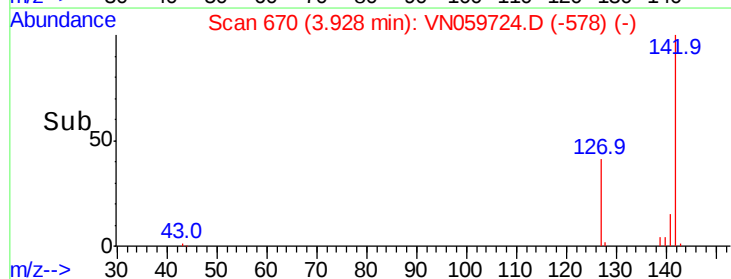
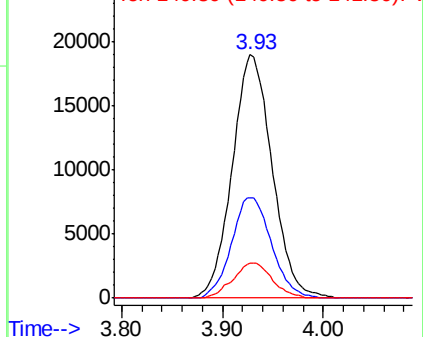


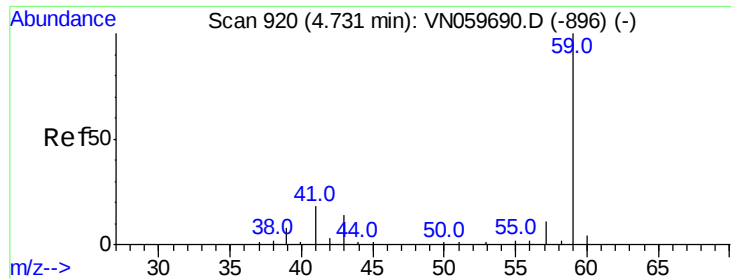
#10
 Methyl Iodide
 Concen: 16.933 ug/l
 RT: 3.93 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: VN059724.D
 Acq: 16 Jan 2020 11:49

Tgt Ion:142 Resp: 52110
 Ion Ratio Lower Upper
 142 100
 127 41.3 36.7 55.1
 141 14.2 11.7 17.5



Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V

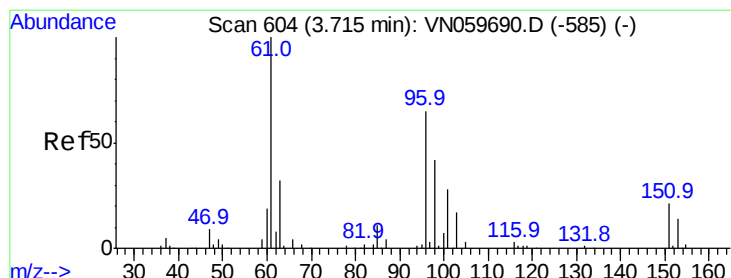
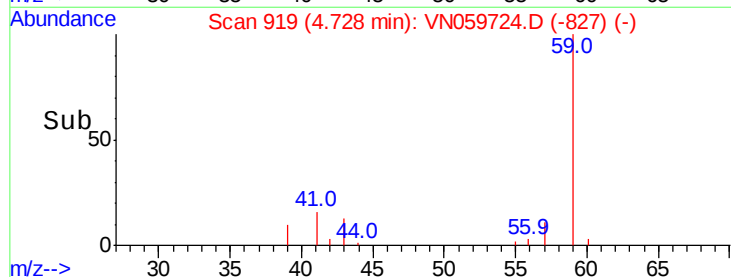
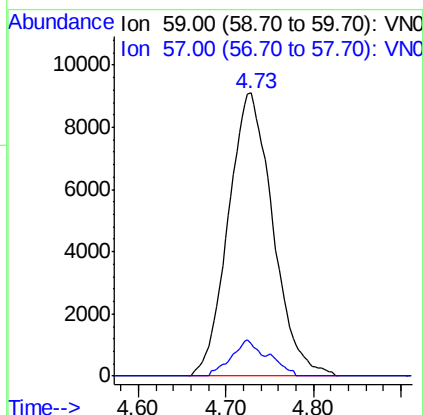
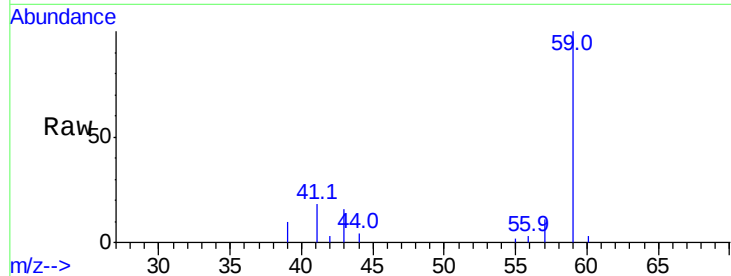




#11
Tert butyl alcohol
Concen: 79.153 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.00 min
Lab File: VN059724.D
Acq: 16 Jan 2020 11:49

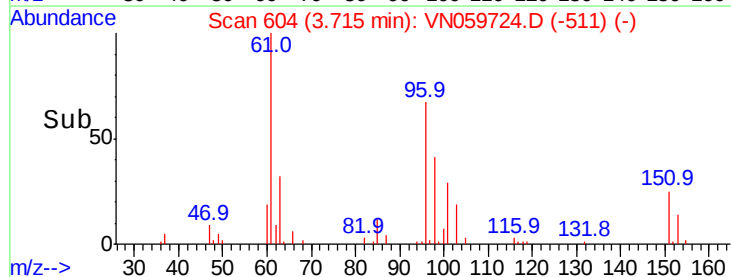
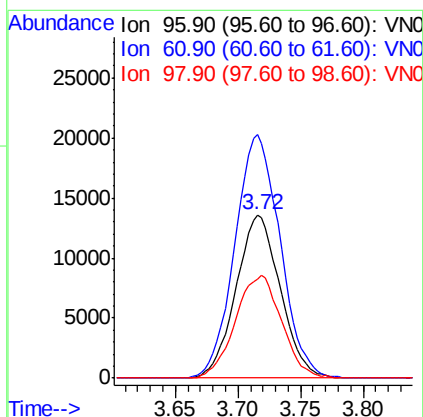
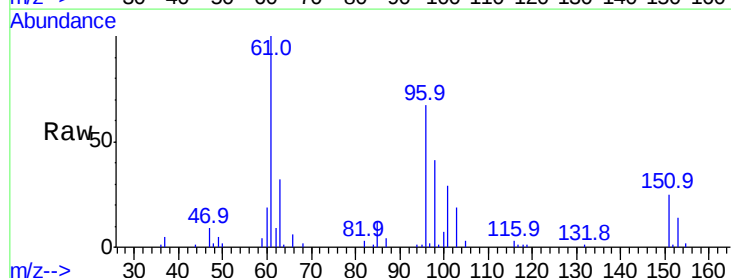
Instrument :
MSVOA_N
ClientSampleId :
VN0116WBS01

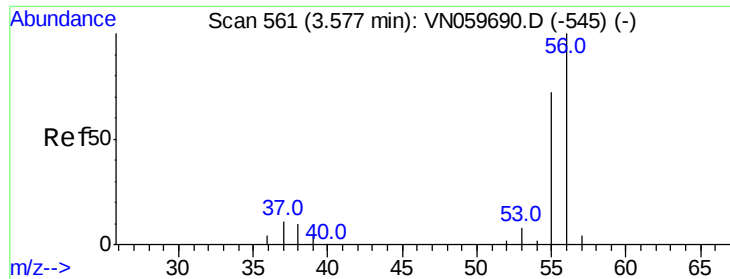
Tgt Ion: 59 Resp: 32178
Ion Ratio Lower Upper
59 100
57 8.1 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 16.727 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN059724.D
Acq: 16 Jan 2020 11:49

Tgt Ion: 96 Resp: 33278
Ion Ratio Lower Upper
96 100
61 149.1 137.5 206.3
98 61.0 50.2 75.4

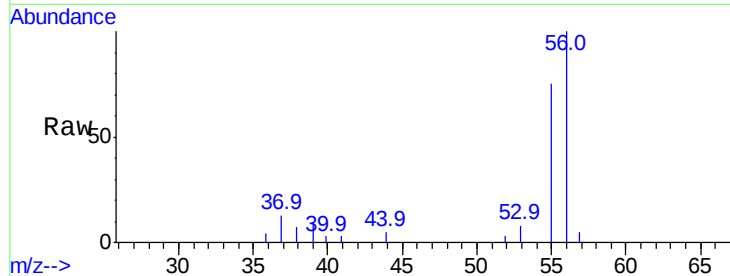




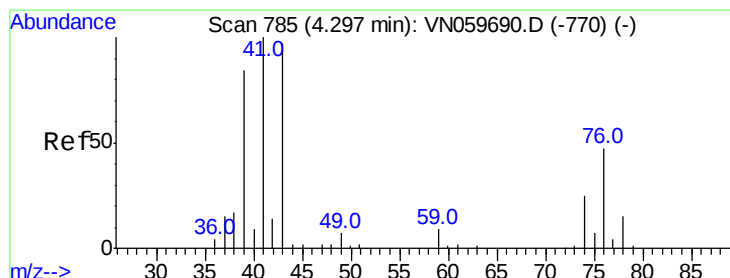
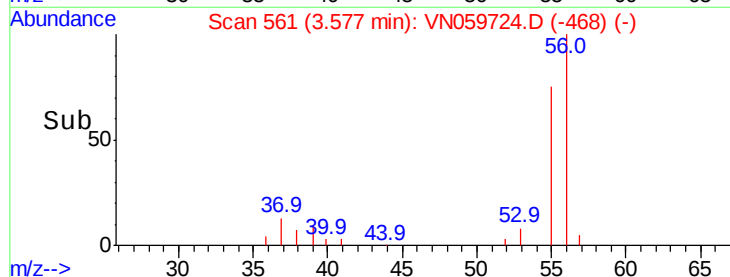
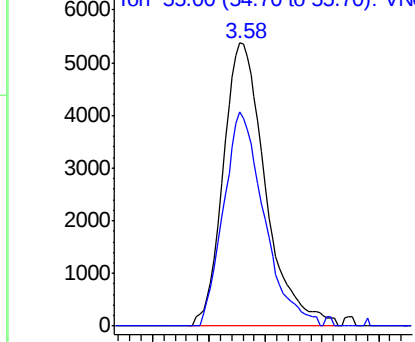
#13
Acrolein
Concen: 48.514 ug/l
RT: 3.58 min Scan# 561
Delta R.T. 0.00 min
Lab File: VN059724.D
Acq: 16 Jan 2020 11:49

Instrument :
MSVOA_N
ClientSampleId :
VN0116WBS01

Tgt Ion: 56 Resp: 13961
Ion Ratio Lower Upper
56 100
55 72.5 58.6 88.0

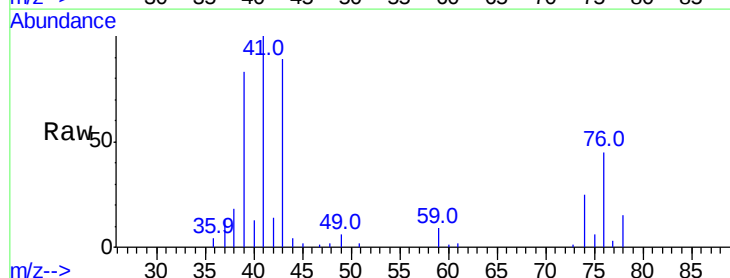


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 55.00 (54.70 to 55.70): VN0

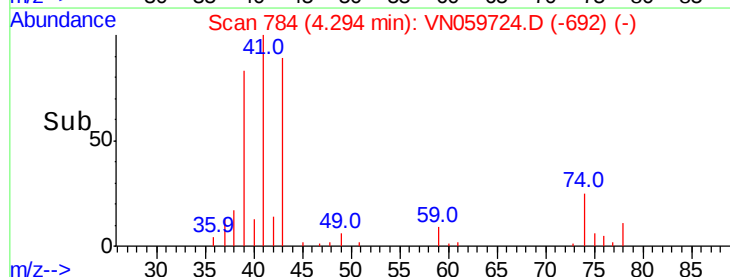
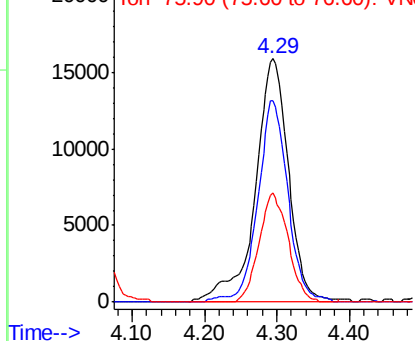


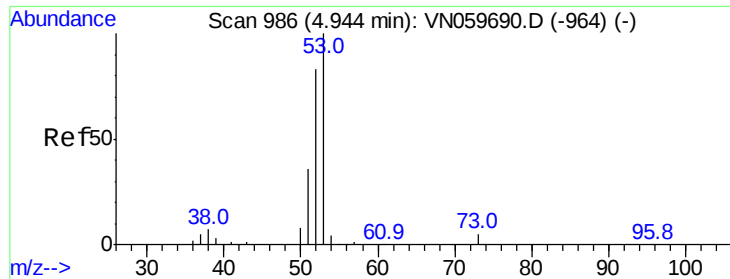
#14
Allyl chloride
Concen: 18.924 ug/l
RT: 4.29 min Scan# 784
Delta R.T. -0.00 min
Lab File: VN059724.D
Acq: 16 Jan 2020 11:49

Tgt Ion: 41 Resp: 50745
Ion Ratio Lower Upper
41 100
39 73.6 57.8 86.8
76 39.1 25.4 38.0#



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 75.90 (75.60 to 76.60): VN0

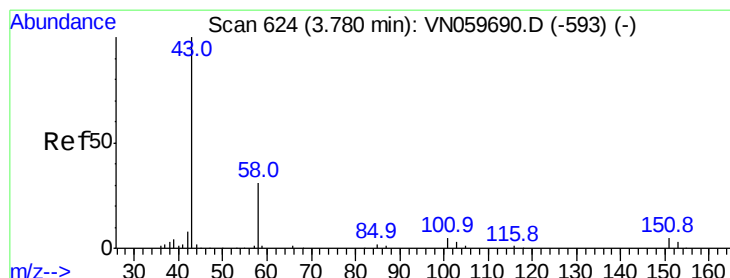
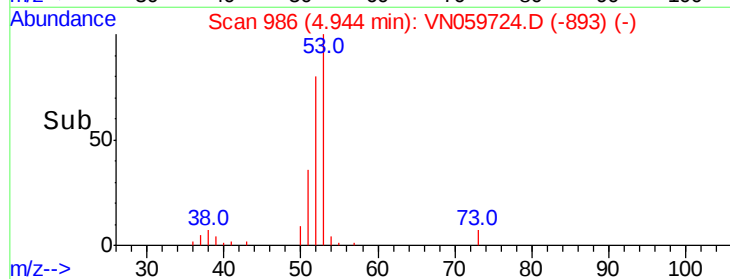
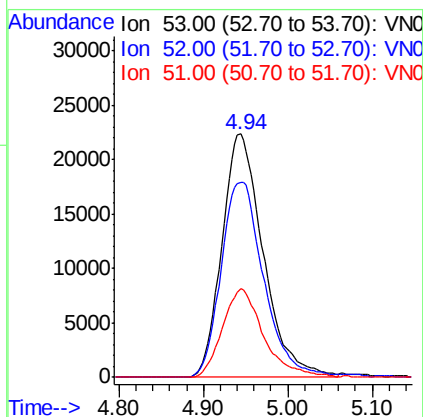
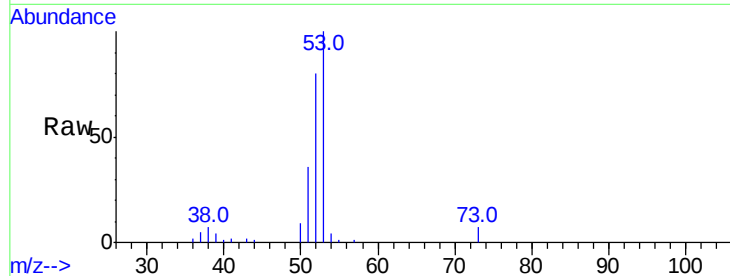




#15
 Acrylonitrile
 Concen: 81.950 ug/l
 RT: 4.94 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: VN059724.D
 Acq: 16 Jan 2020 11:49

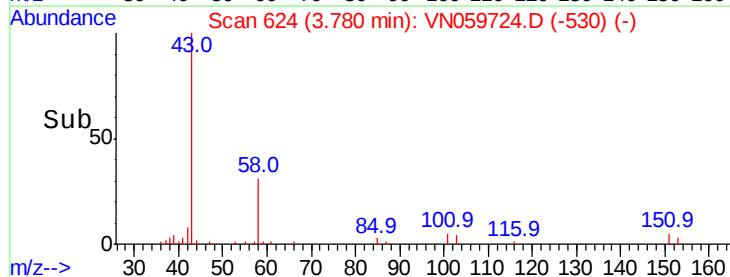
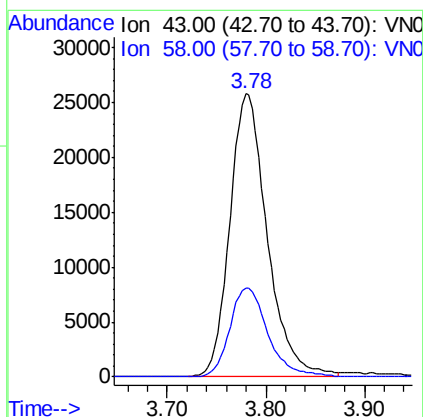
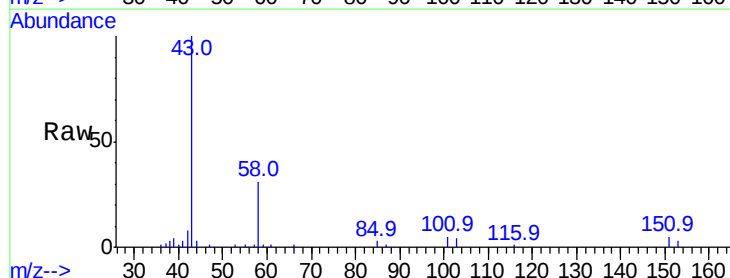
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0116WBS01

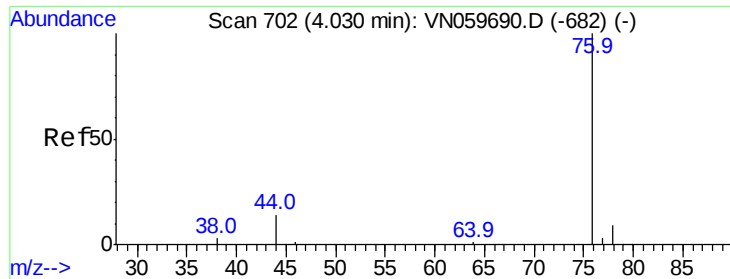
Tgt Ion: 53 Resp: 75995
 Ion Ratio Lower Upper
 53 100
 52 82.7 66.3 99.5
 51 36.4 29.7 44.5



#16
 Acetone
 Concen: 75.887 ug/l
 RT: 3.78 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: VN059724.D
 Acq: 16 Jan 2020 11:49

Tgt Ion: 43 Resp: 68246
 Ion Ratio Lower Upper
 43 100
 58 31.5 23.6 35.4

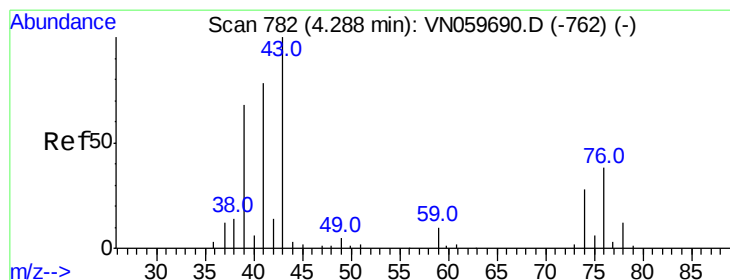
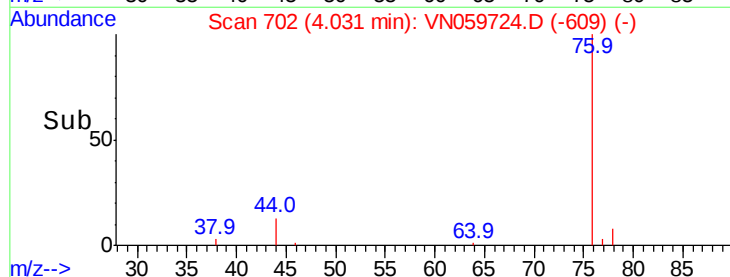
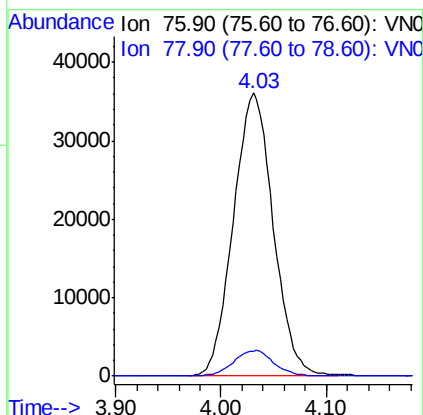
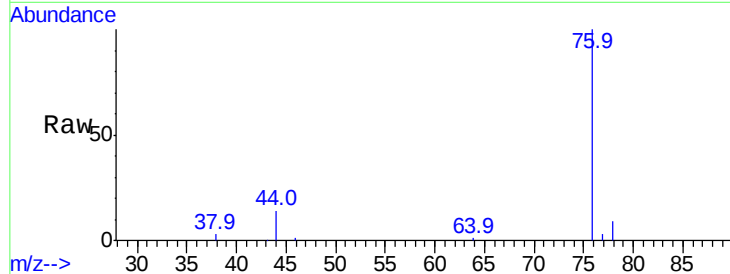




#17
Carbon Disulfide
Concen: 16.717 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059724.D
Acq: 16 Jan 2020 11:49

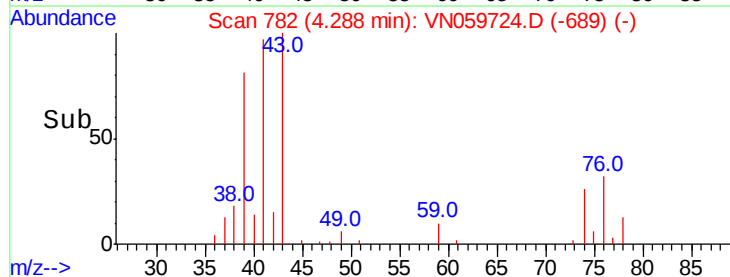
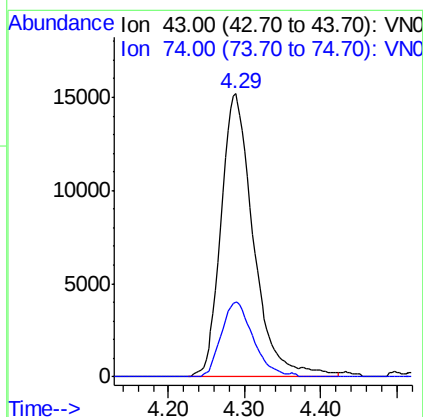
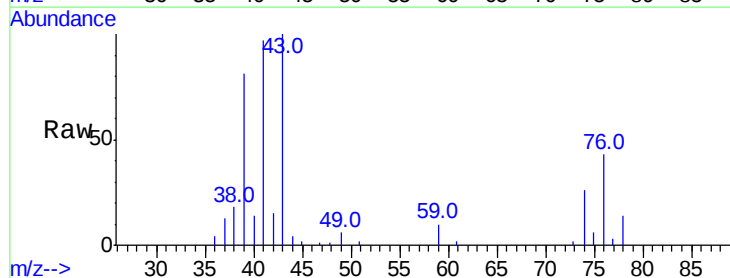
Instrument :
MSVOA_N
ClientSampleId :
VN0116WBS01

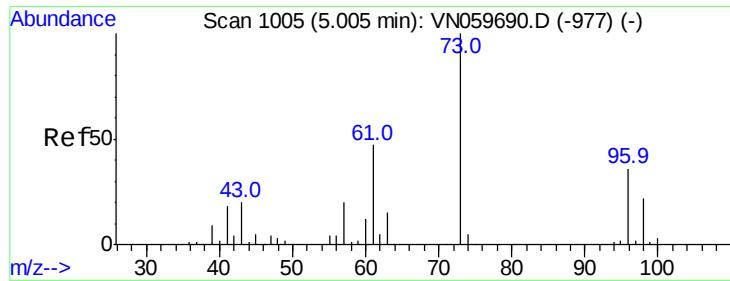
Tgt Ion: 76 Resp: 94739
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 16.057 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.00 min
Lab File: VN059724.D
Acq: 16 Jan 2020 11:49

Tgt Ion: 43 Resp: 45292
Ion Ratio Lower Upper
43 100
74 25.8 17.5 26.3

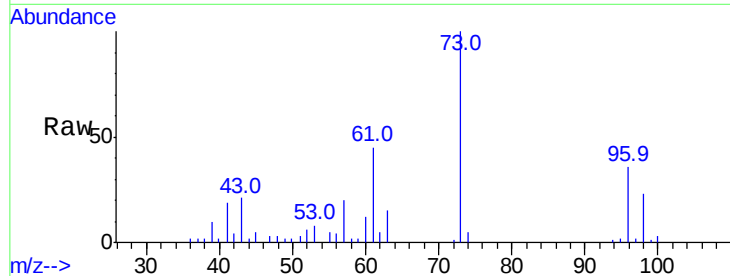




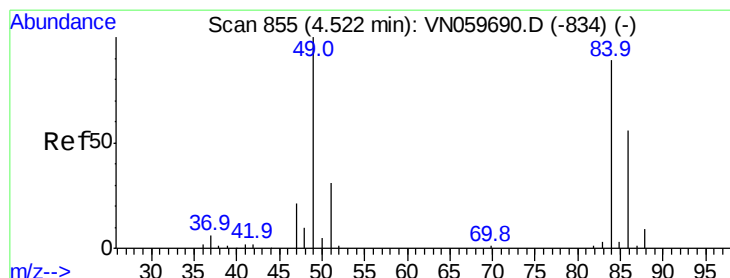
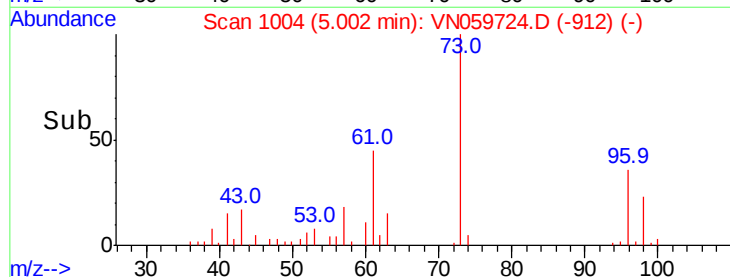
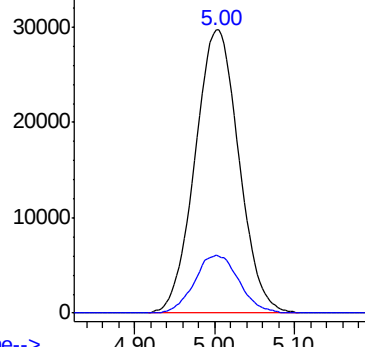
#19
Methyl tert-butyl Ether
Concen: 17.107 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN059724.D
Acq: 16 Jan 2020 11:49

Instrument :
MSVOA_N
ClientSampleId :
VN0116WBS01

Tgt Ion: 73 Resp: 110965
Ion Ratio Lower Upper
73 100
57 20.4 18.6 27.8

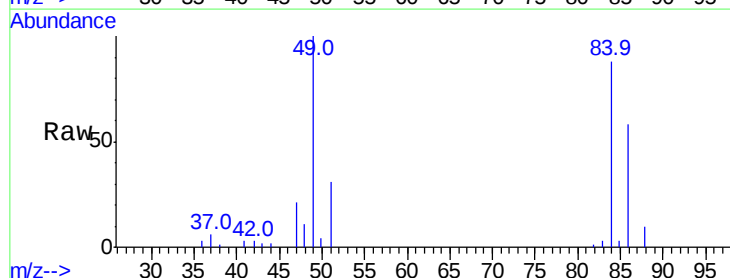


Abundance Ion 73.00 (72.70 to 73.70): VN0
Ion 57.00 (56.70 to 57.70): VN0

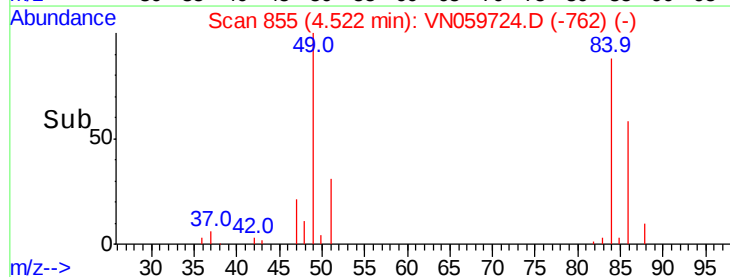
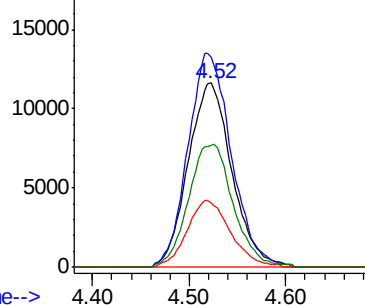


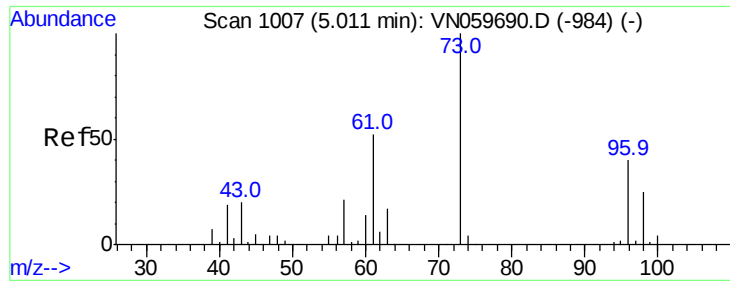
#20
Methylene Chloride
Concen: 15.856 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059724.D
Acq: 16 Jan 2020 11:49

Tgt Ion: 84 Resp: 36574
Ion Ratio Lower Upper
84 100
49 114.1 106.6 160.0
51 35.1 31.9 47.9
86 66.4 50.8 76.2



Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0





#21

trans-1,2-Dichloroethene

Concen: 17.284 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

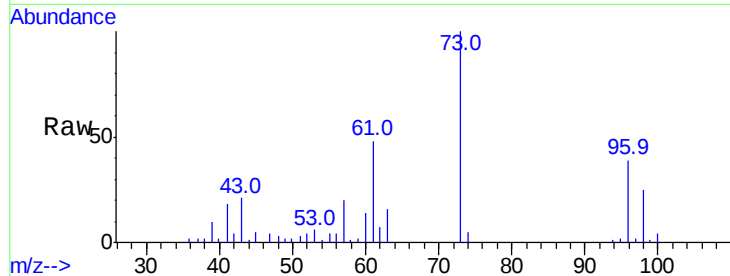
Lab File: VN059724.D

Acq: 16 Jan 2020 11:49

Instrument :
MSVOA_N
ClientSampleId :
VN0116WBS01

Tgt Ion: 96 Resp: 36552

Ion	Ratio	Lower	Upper
96	100		
61	121.4	120.4	180.6
98	63.8	50.6	75.8

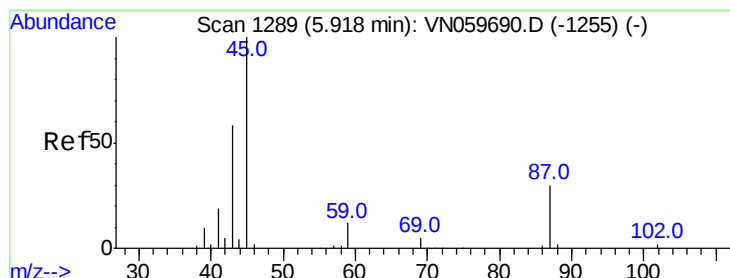
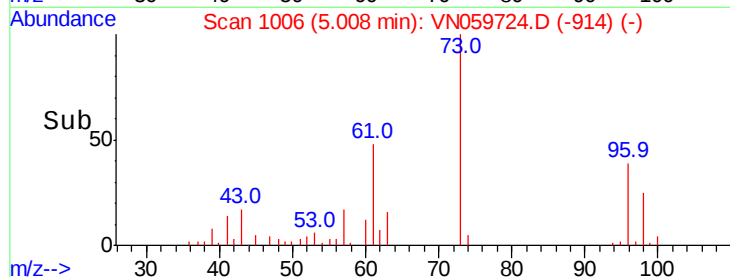
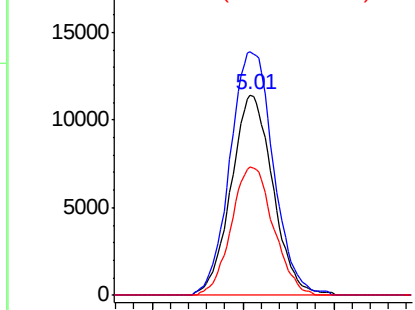


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 16.647 ug/l

RT: 5.91 min Scan# 1288

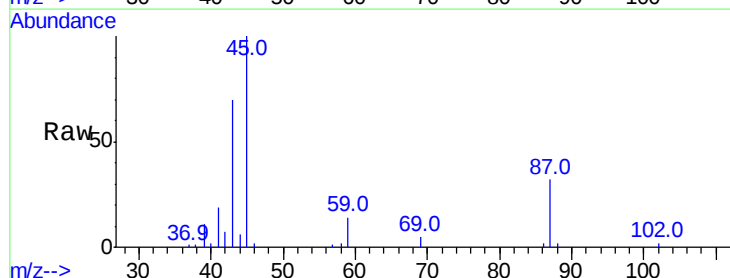
Delta R.T. -0.00 min

Lab File: VN059724.D

Acq: 16 Jan 2020 11:49

Tgt Ion: 45 Resp: 101160

Ion	Ratio	Lower	Upper
45	100		
43	67.0	50.8	76.2
87	31.9	21.0	31.6#
59	13.8	9.1	13.7#



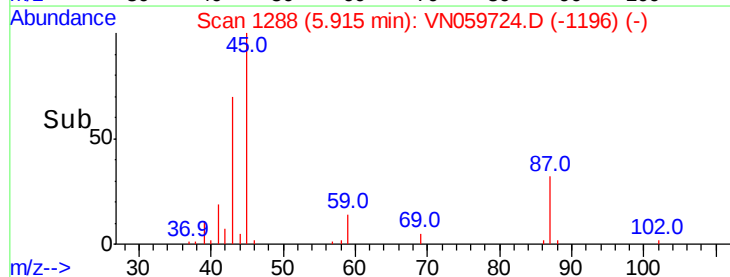
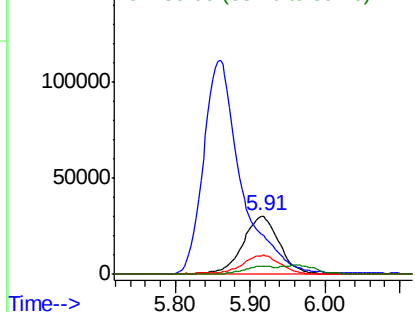
Abundance

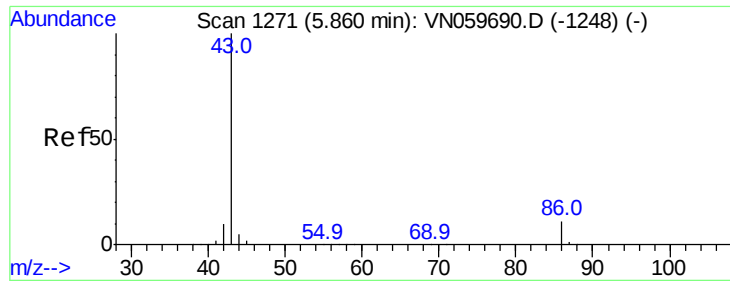
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

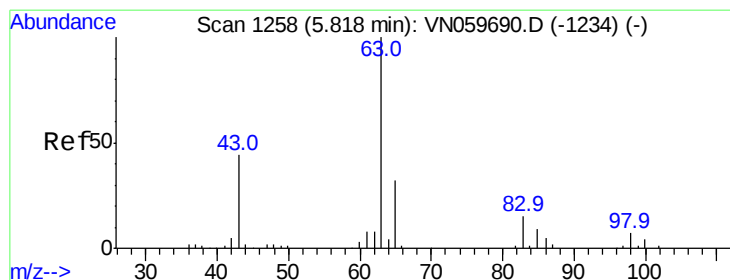
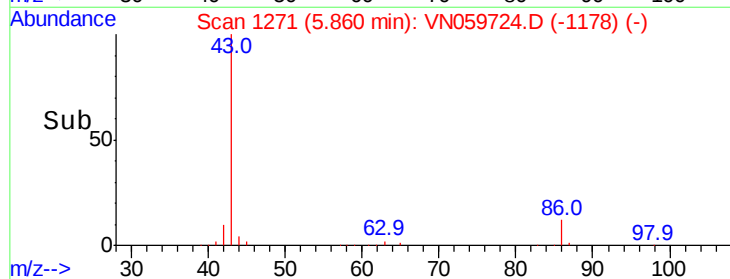
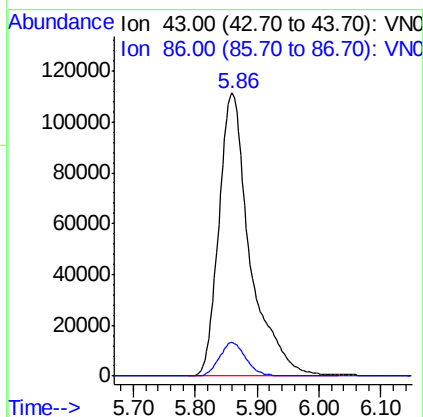
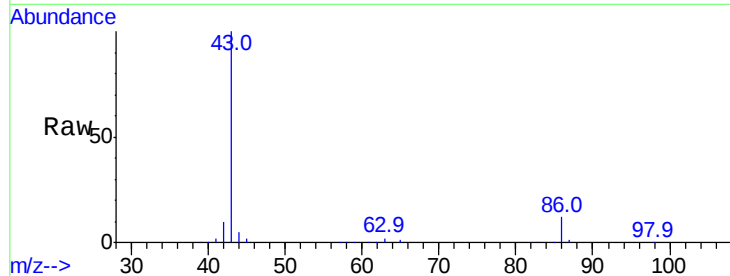




#23
 Vinyl Acetate
 Concen: 82.781 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VN059724.D
 Acq: 16 Jan 2020 11:49

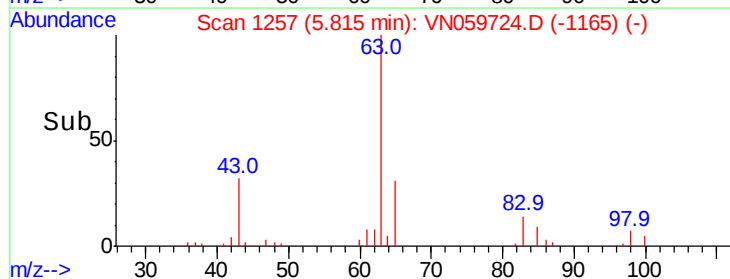
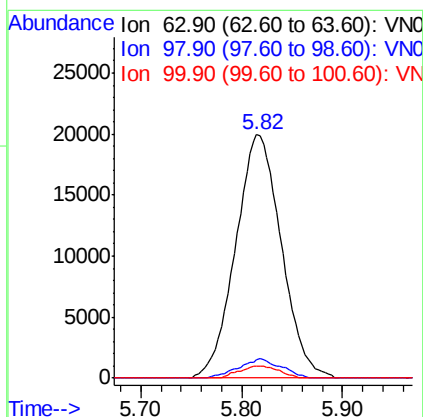
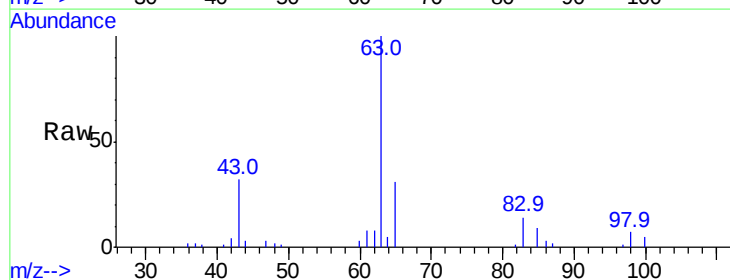
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0116WBS01

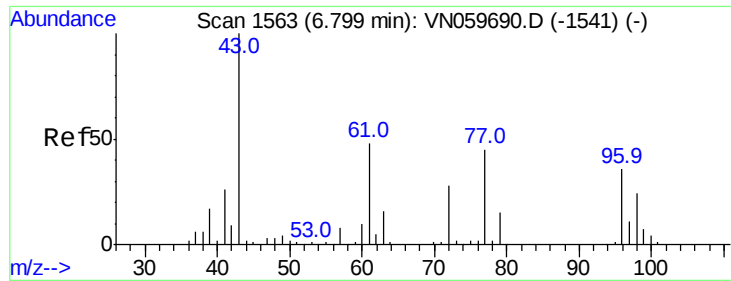
Tgt Ion: 43 Resp: 389486
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.6 11.4#



#24
 1,1-Dichloroethane
 Concen: 16.870 ug/l
 RT: 5.82 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN059724.D
 Acq: 16 Jan 2020 11:49

Tgt Ion: 63 Resp: 62640
 Ion Ratio Lower Upper
 63 100
 98 7.3 2.9 8.7
 100 5.0 2.0 6.0

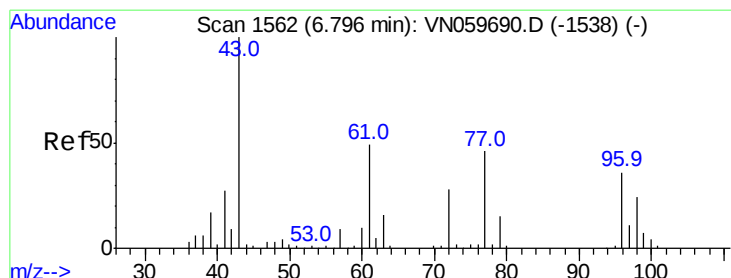
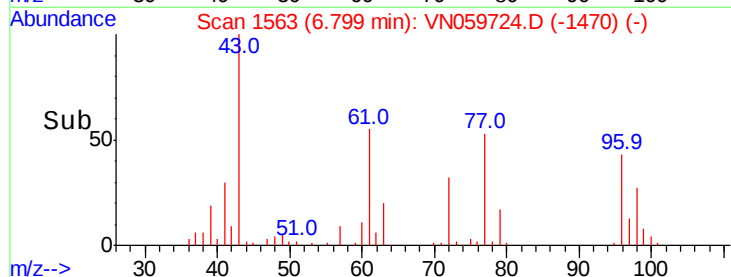
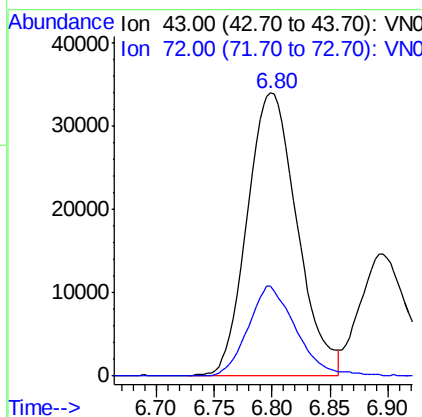
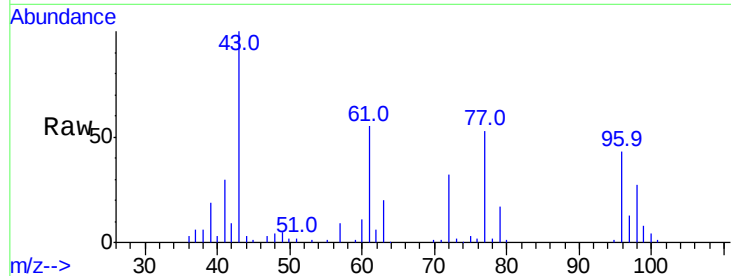




#25
2-Butanone
Concen: 74.355 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN059724.D
Acq: 16 Jan 2020 11:49

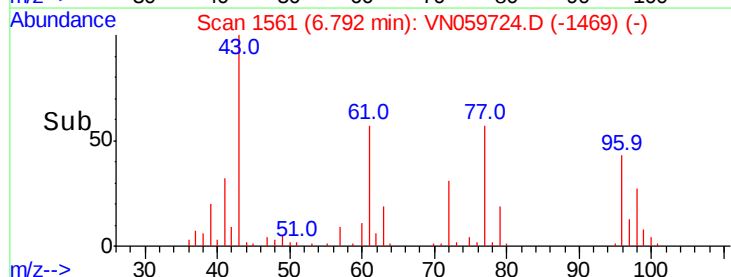
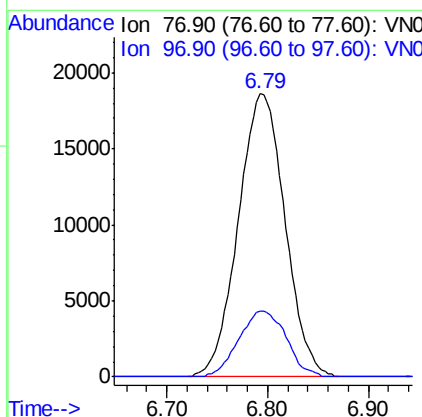
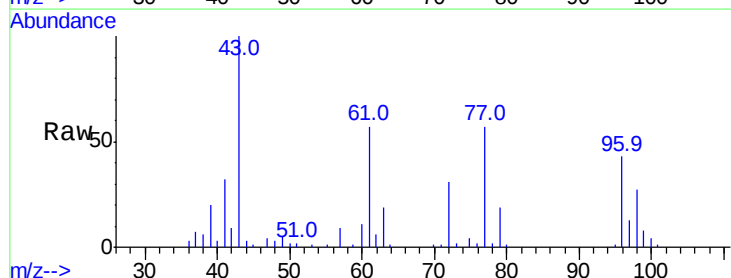
Instrument :
MSVOA_N
ClientSampled :
VN0116WBS01

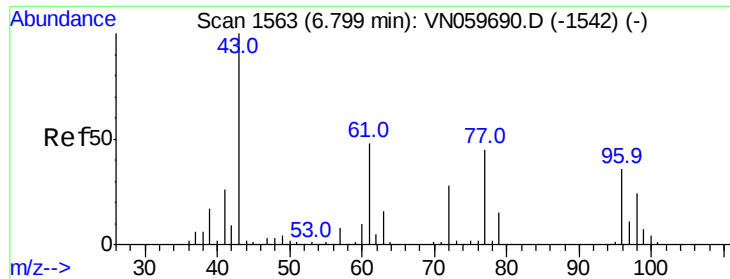
Tgt Ion: 43 Resp: 101683
Ion Ratio Lower Upper
43 100
72 31.9 19.9 29.9#



#26
2,2-Dichloropropane
Concen: 16.772 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN059724.D
Acq: 16 Jan 2020 11:49

Tgt Ion: 77 Resp: 59871
Ion Ratio Lower Upper
77 100
97 23.6 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 17.457 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

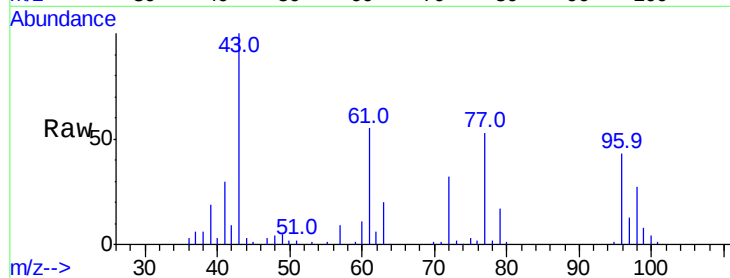
Lab File: VN059724.D

Acq: 16 Jan 2020 11:49

Instrument :
MSVOA_N
ClientSampleId :
VN0116WBS01

Tgt Ion: 96 Resp: 42461

Ion	Ratio	Lower	Upper
96	100		
61	133.4	0.0	317.6
98	64.6	0.0	127.0

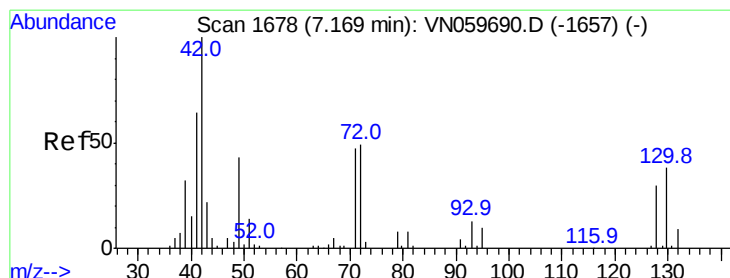
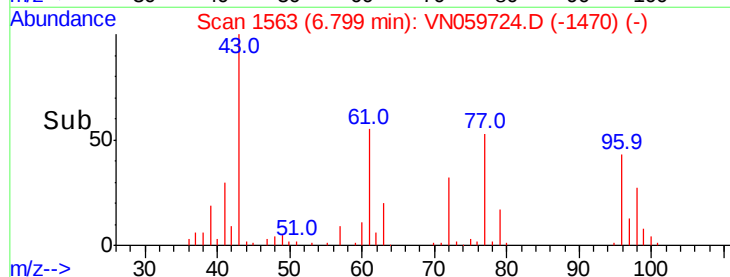
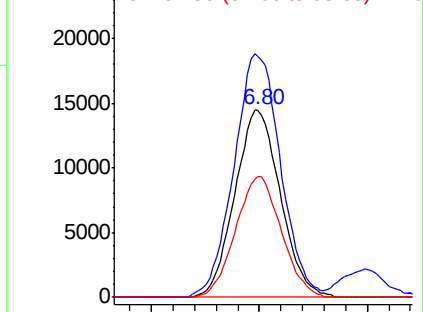


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 20.074 ug/l

RT: 7.17 min Scan# 1678

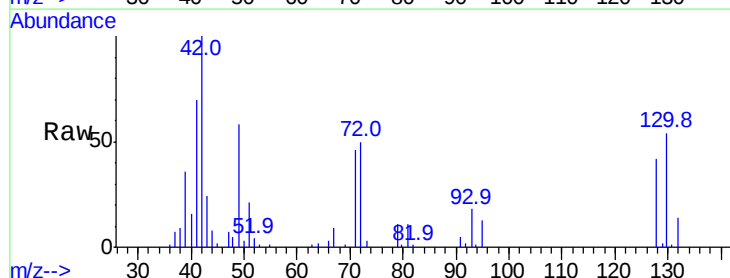
Delta R.T. 0.00 min

Lab File: VN059724.D

Acq: 16 Jan 2020 11:49

Tgt Ion: 49 Resp: 29791

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.4
130	93.6	54.7	82.1#

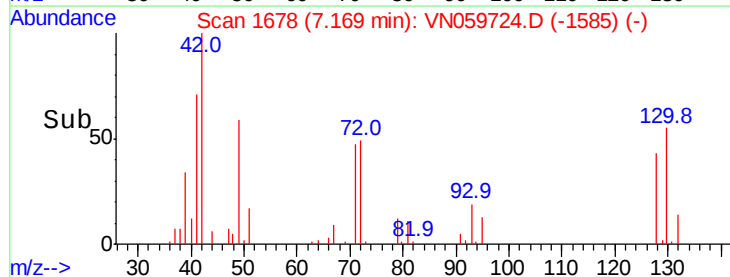
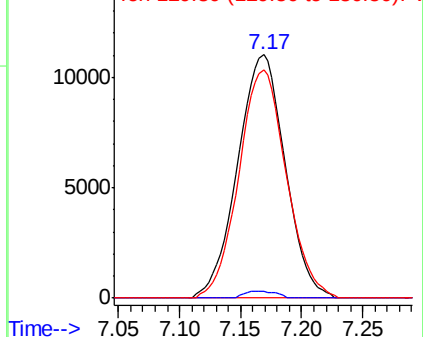


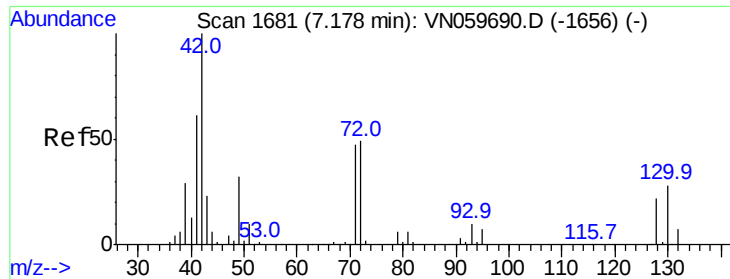
Abundance

Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 76.305 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VN059724.D

Acq: 16 Jan 2020 11:49

Instrument :

MSVOA_N

ClientSampled :

VN0116WBS01

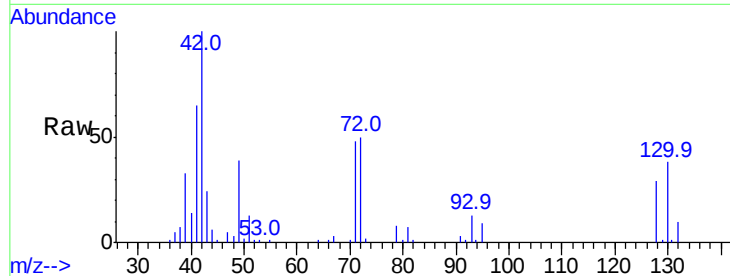
Tgt Ion: 42 Resp: 64563

Ion Ratio Lower Upper

42 100

72 50.9 33.1 49.7#

71 47.5 31.4 47.0#

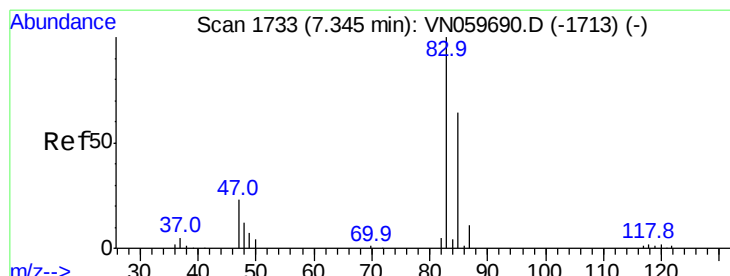
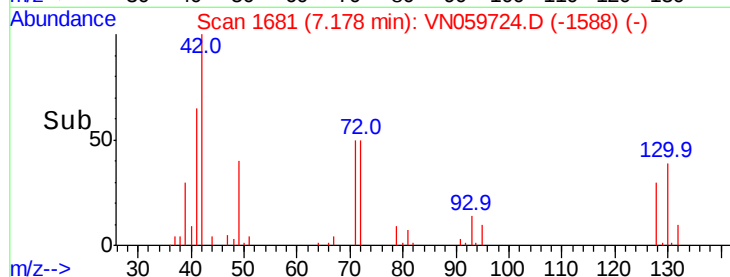
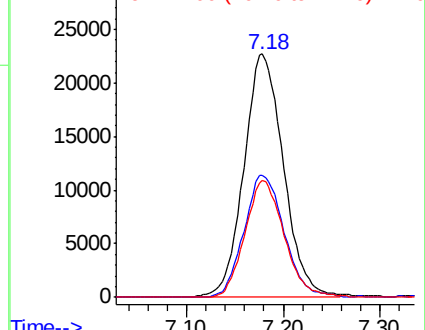


Abundance

Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 17.317 ug/l

RT: 7.35 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VN059724.D

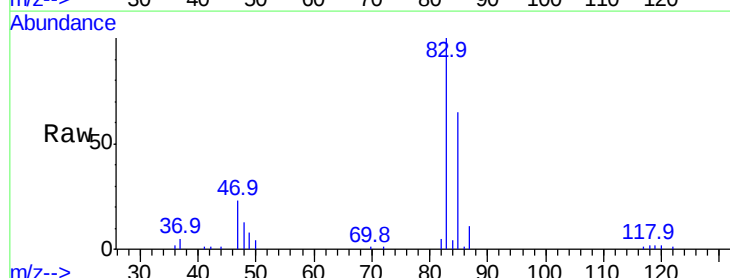
Acq: 16 Jan 2020 11:49

Tgt Ion: 83 Resp: 66625

Ion Ratio Lower Upper

83 100

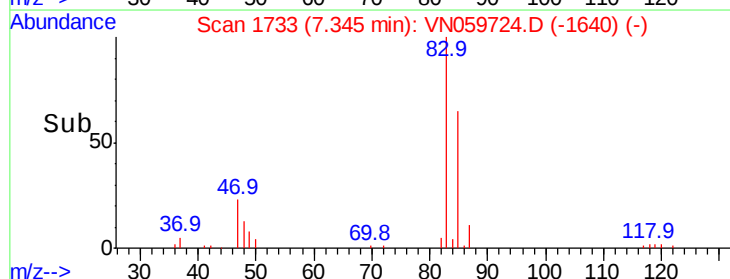
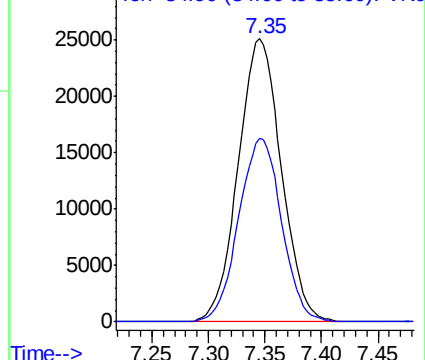
85 64.7 52.4 78.6

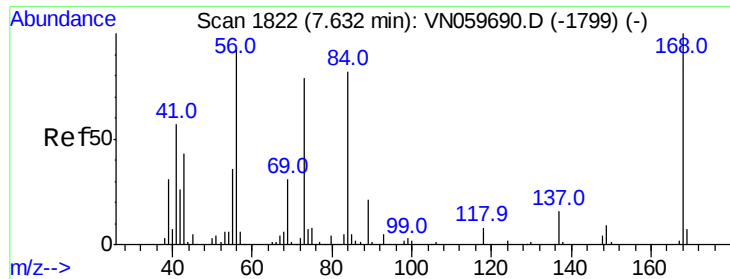


Abundance

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

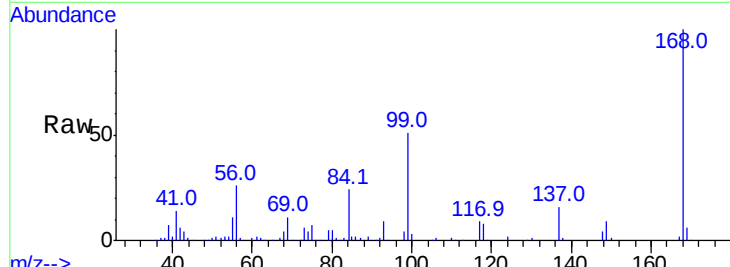




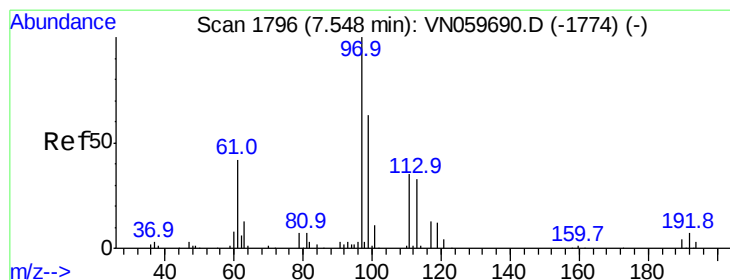
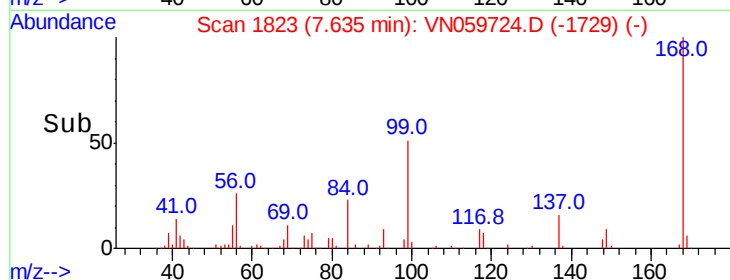
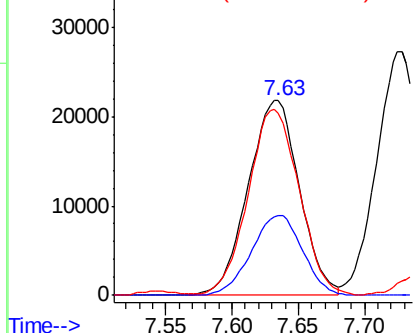
#31
Cyclohexane
Concen: 16.413 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VN059724.D
Acq: 16 Jan 2020 11:49

Instrument :
MSVOA_N
ClientSampleId :
VN0116WBS01

Tgt Ion: 56 Resp: 58643
Ion Ratio Lower Upper
56 100
69 41.1 26.5 39.7#
84 93.1 65.3 97.9

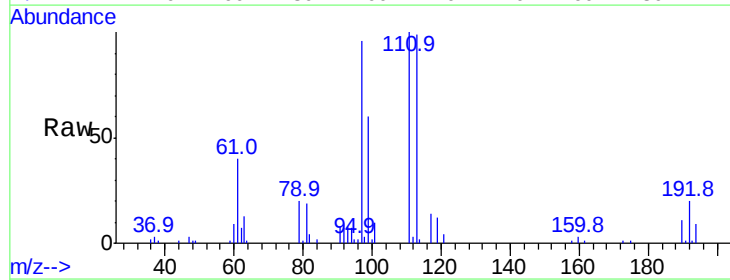


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

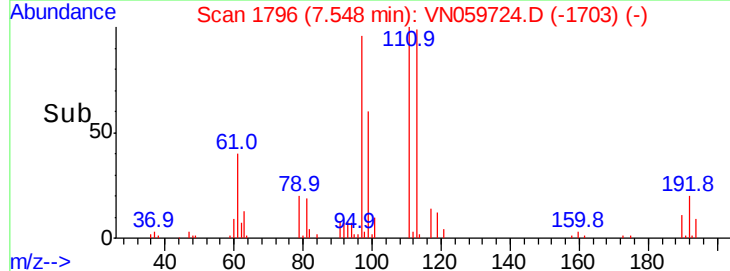
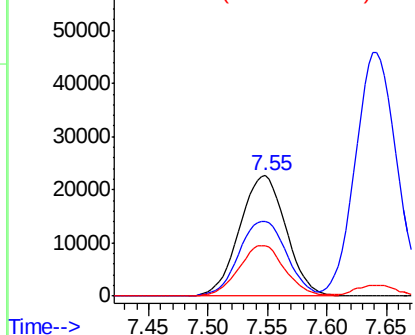


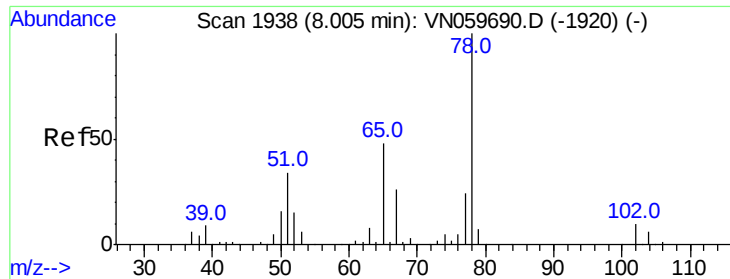
#32
1,1,1-Trichloroethane
Concen: 17.258 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN059724.D
Acq: 16 Jan 2020 11:49

Tgt Ion: 97 Resp: 61390
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.4
61 41.5 38.5 57.7



Abundance Ion 96.90 (96.60 to 97.60): VNC
Ion 98.90 (98.60 to 99.60): VNC
Ion 60.90 (60.60 to 61.60): VNC

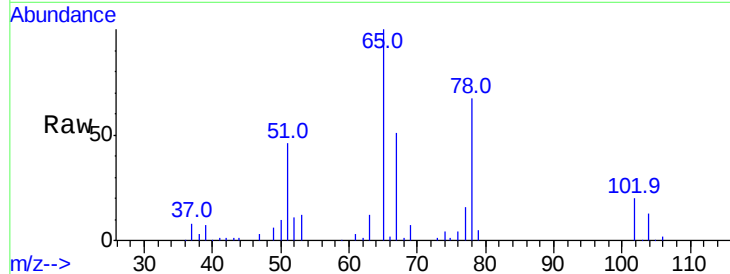




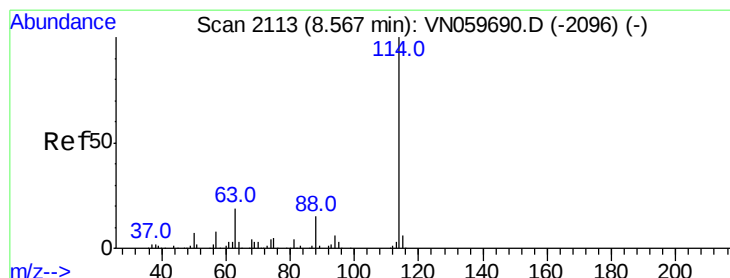
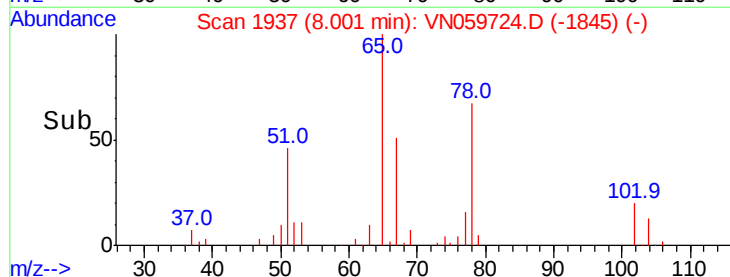
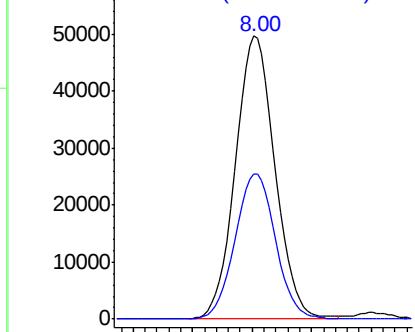
#33
 1,2-Dichloroethane-d4
 Concen: 47.385 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059724.D
 Acq: 16 Jan 2020 11:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0116WBS01

Tgt Ion: 65 Resp: 114429
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.0

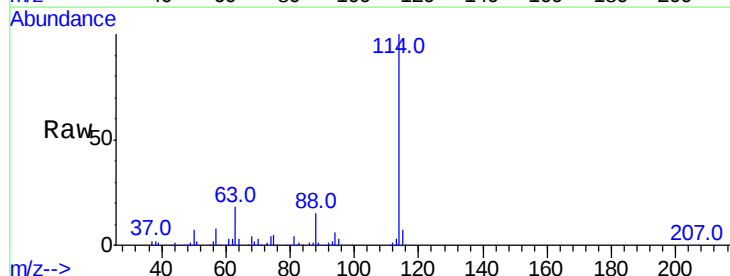


Abundance Ion 64.90 (64.60 to 65.60): VN0
 Ion 66.90 (66.60 to 67.60): VN0

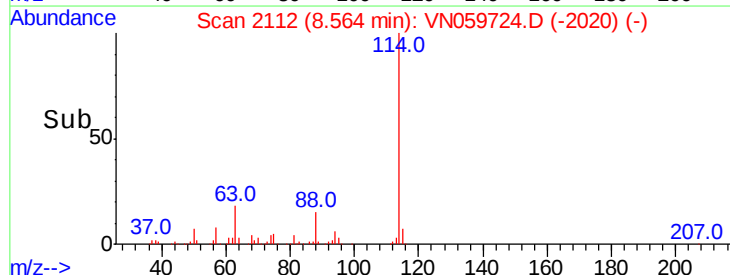
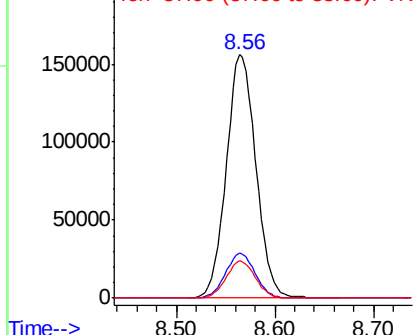


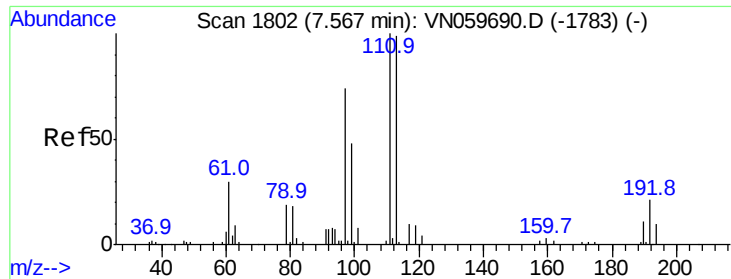
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059724.D
 Acq: 16 Jan 2020 11:49

Tgt Ion: 114 Resp: 327317
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 43.6
 88 15.2 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN0
 Ion 87.90 (87.60 to 88.60): VN0

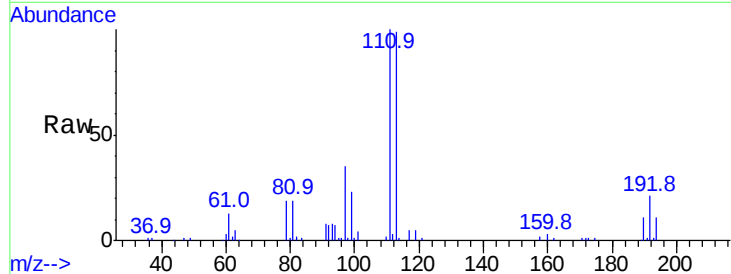




#35
Dibromofluoromethane
Concen: 50.472 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN059724.D
Acq: 16 Jan 2020 11:49

Instrument :
MSVOA_N
ClientSampled :
VN0116WBS01

Tgt Ion: 113 Resp: 98519
Ion Ratio Lower Upper
113 100
111 102.2 83.5 125.3
192 21.3 15.4 23.2

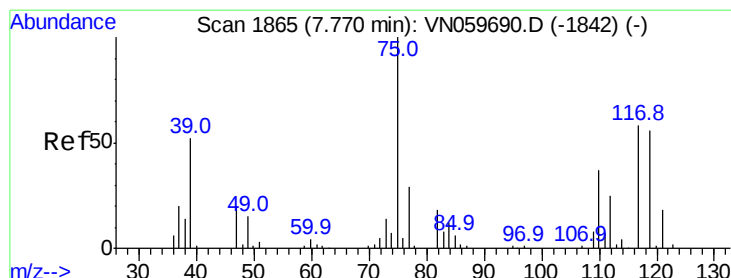
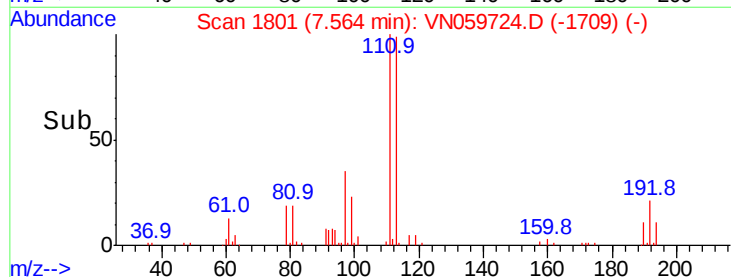
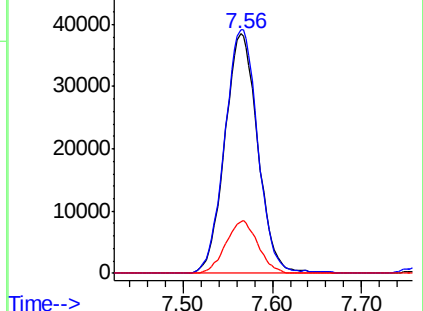


Abundance

Ion 112.80 (112.50 to 113.50): V

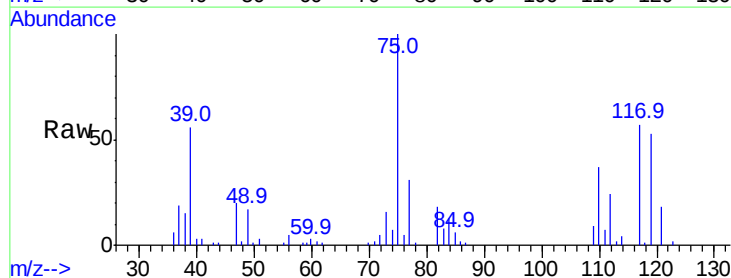
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
1,1-Dichloropropene
Concen: 17.413 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN059724.D
Acq: 16 Jan 2020 11:49

Tgt Ion: 75 Resp: 49635
Ion Ratio Lower Upper
75 100
110 36.8 16.6 49.7
77 30.8 25.1 37.7

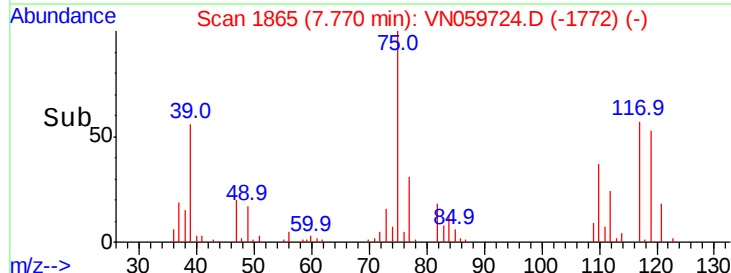
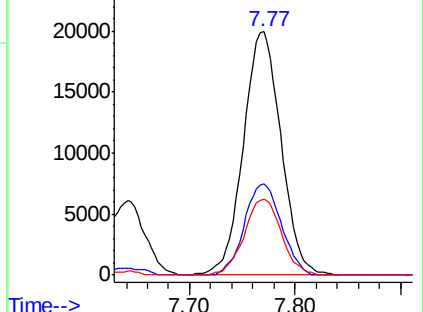


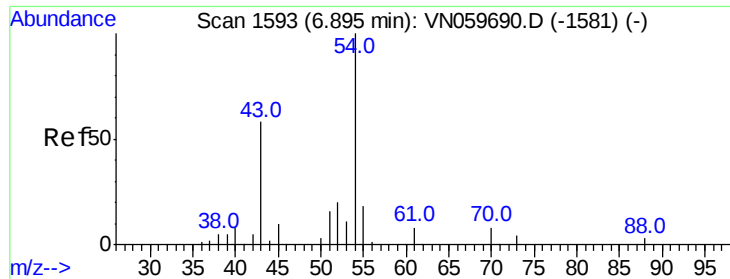
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 15.494 ug/l

RT: 6.90 min Scan# 1593

Delta R.T. 0.00 min

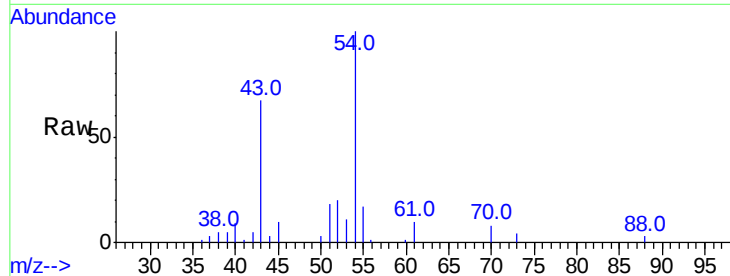
Lab File: VN059724.D

Acq: 16 Jan 2020 11:49

Instrument :
MSVOA_N
ClientSampleId :
VN0116WBS01

Tgt Ion: 43 Resp: 41423

Ion	Ratio	Lower	Upper
43	100		
61	15.0	10.9	16.3
70	11.7	7.7	11.5#

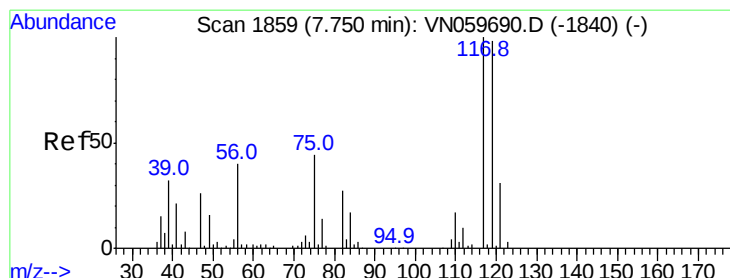
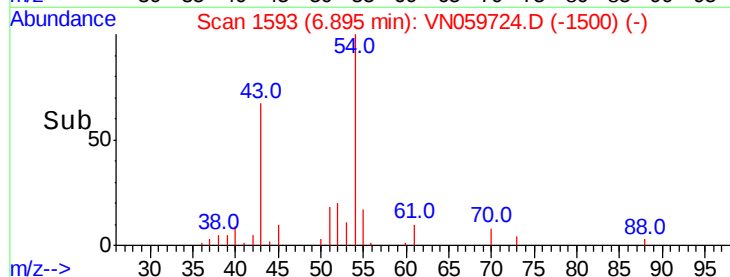
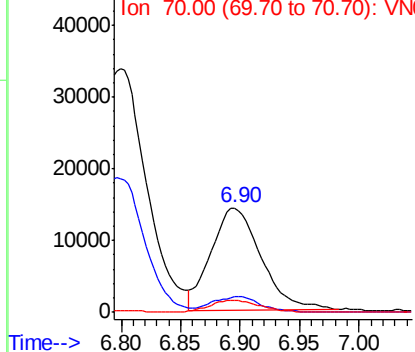


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0



#38

Carbon Tetrachloride

Concen: 17.649 ug/l

RT: 7.75 min Scan# 1859

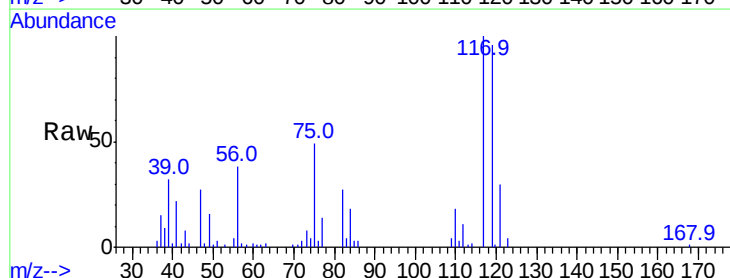
Delta R.T. 0.00 min

Lab File: VN059724.D

Acq: 16 Jan 2020 11:49

Tgt Ion: 117 Resp: 54724

Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.5	114.7
121	30.1	25.1	37.7

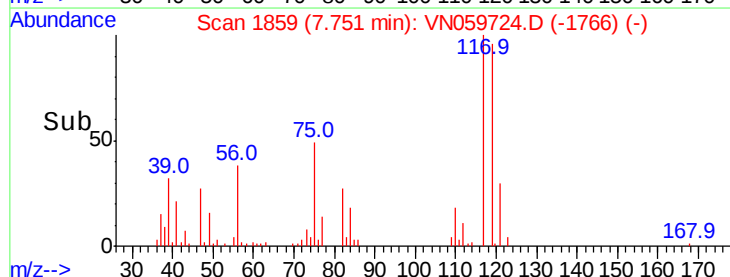
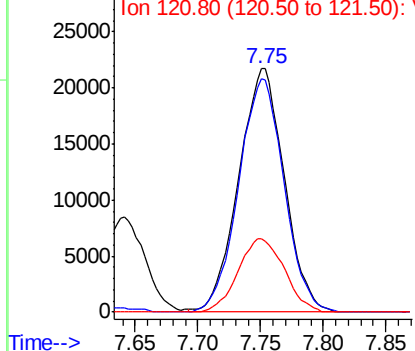


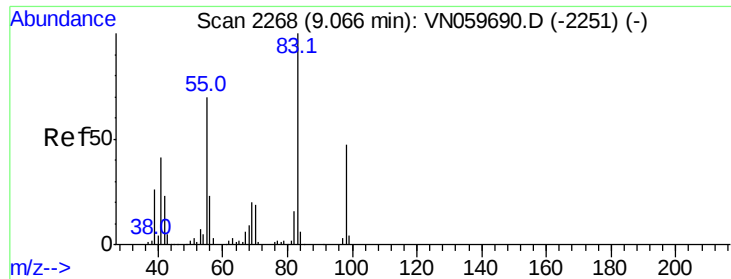
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

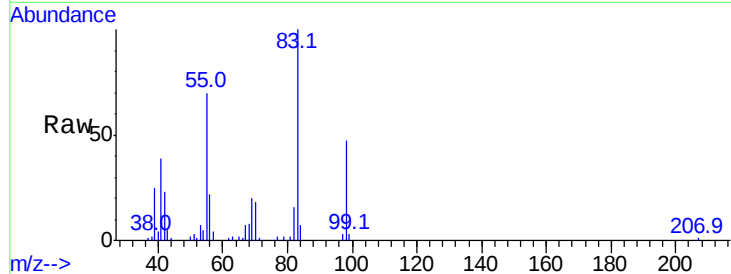




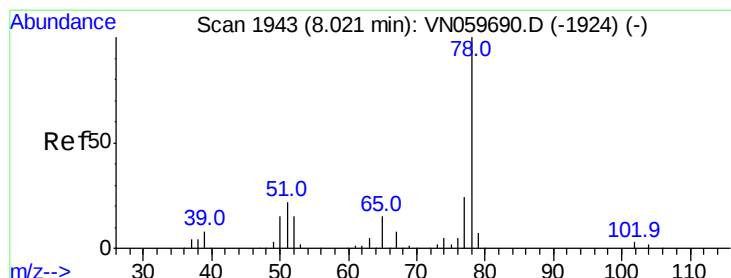
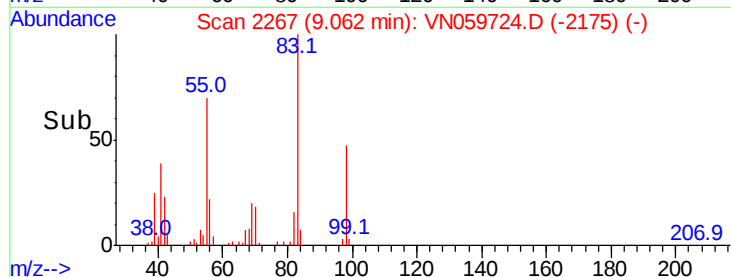
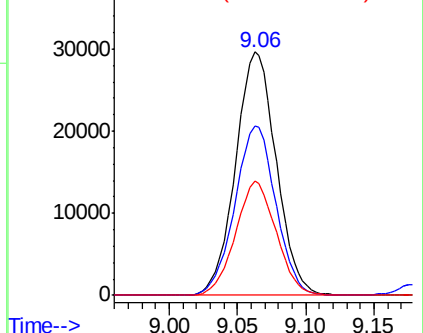
#39
Methylcyclohexane
Concen: 17.491 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059724.D
Acq: 16 Jan 2020 11:49

Instrument :
MSVOA_N
ClientSampleId :
VN0116WBS01

Tgt Ion: 83 Resp: 61474
Ion Ratio Lower Upper
83 100
55 69.7 64.2 96.2
98 47.1 35.9 53.9

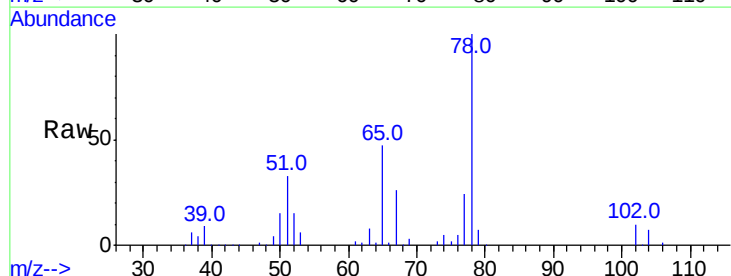


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

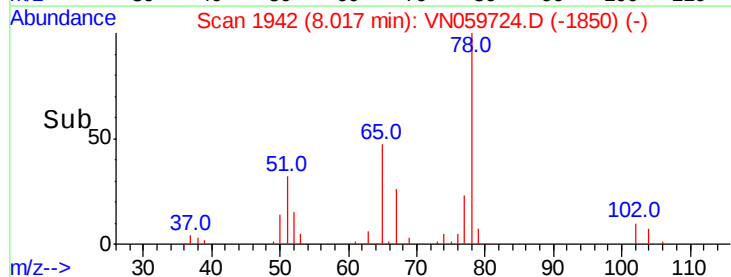
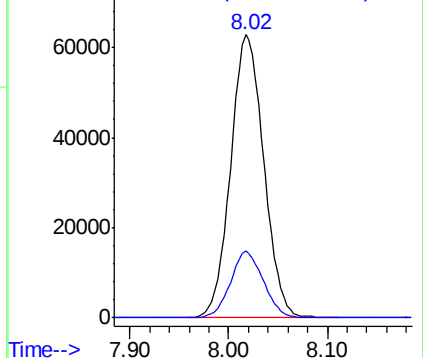


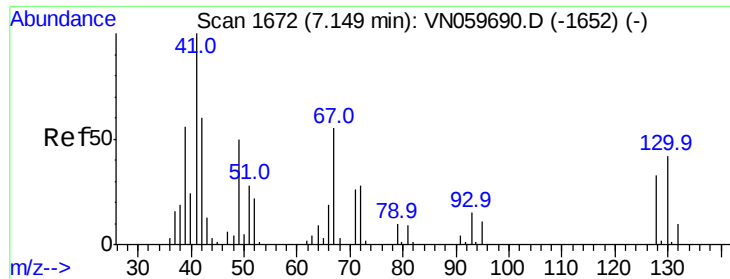
#40
Benzene
Concen: 17.273 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059724.D
Acq: 16 Jan 2020 11:49

Tgt Ion: 78 Resp: 146836
Ion Ratio Lower Upper
78 100
77 23.5 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

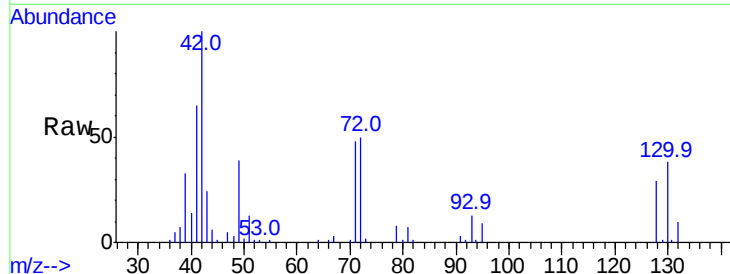




#41
Methacrylonitrile
Concen: 47.278 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.03 min
Lab File: VN059724.D
Acq: 16 Jan 2020 11:49

Instrument :
MSVOA_N
ClientSampled :
VN0116WBS01

Tgt Ion:	41	Resp:	62256
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



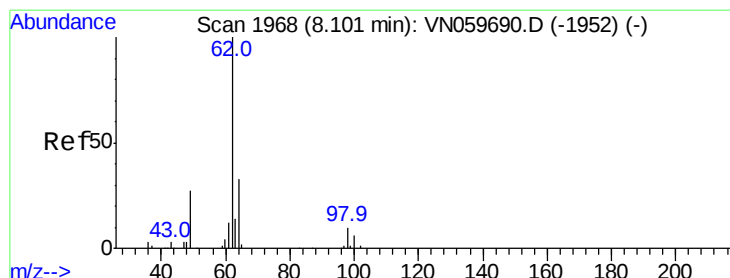
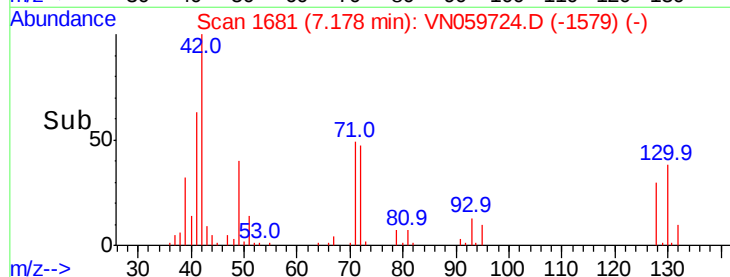
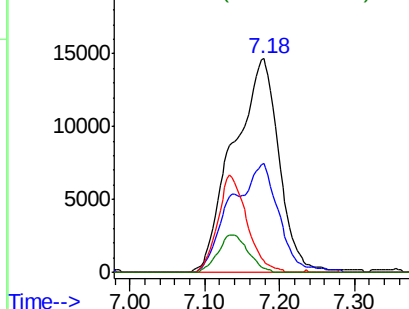
Abundance

Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

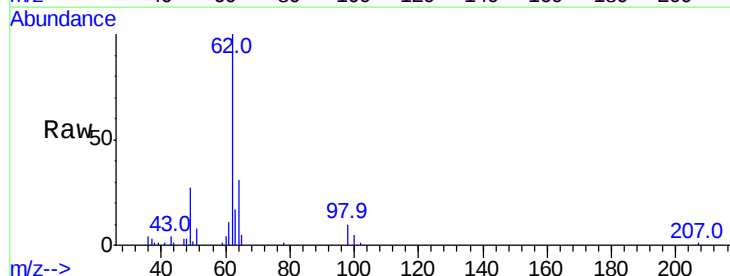
Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC



#42
1,2-Dichloroethane
Concen: 17.561 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059724.D
Acq: 16 Jan 2020 11:49

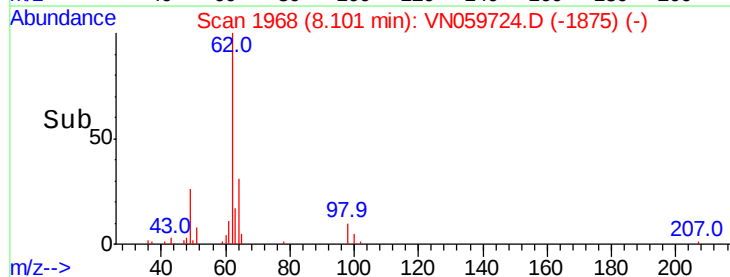
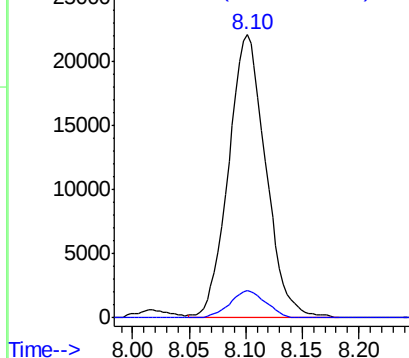
Tgt Ion:	62	Resp:	50614
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	15.8

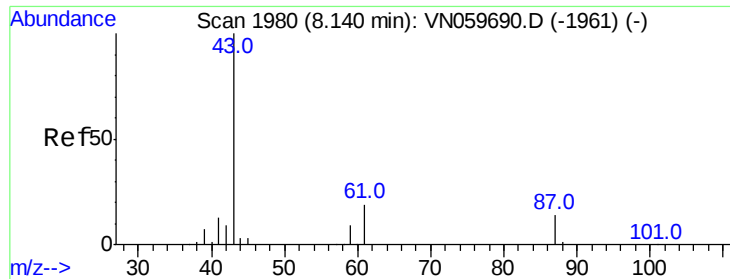


Abundance

Ion 61.90 (61.60 to 62.60): VNC

Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 15.942 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059724.D

Acq: 16 Jan 2020 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN0116WBS01

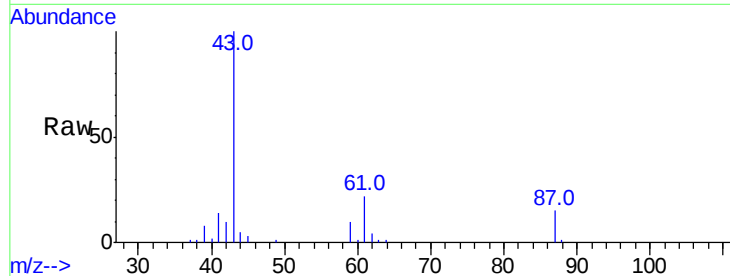
Tgt Ion: 43 Resp: 73308

Ion Ratio Lower Upper

43 100

61 28.3 20.2 30.2

87 14.8 9.5 14.3#

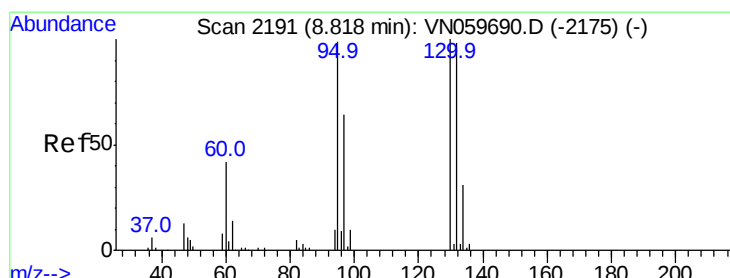
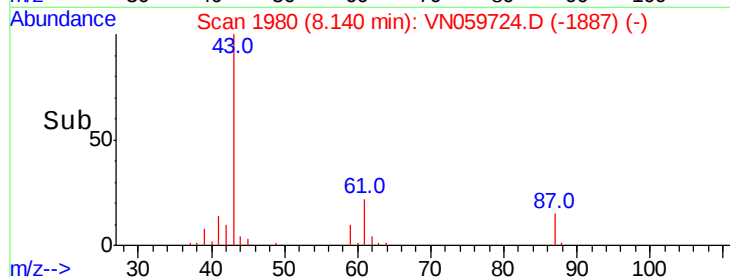
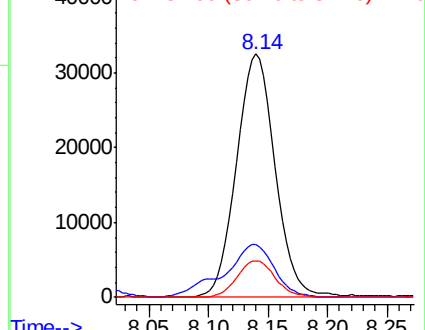


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 18.488 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN059724.D

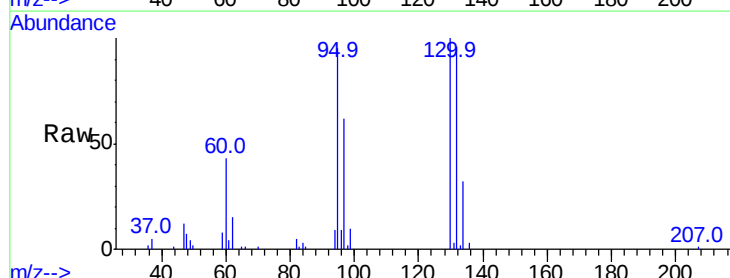
Acq: 16 Jan 2020 11:49

Tgt Ion:130 Resp: 42905

Ion Ratio Lower Upper

130 100

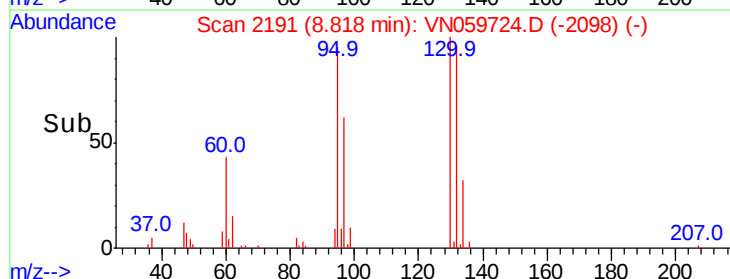
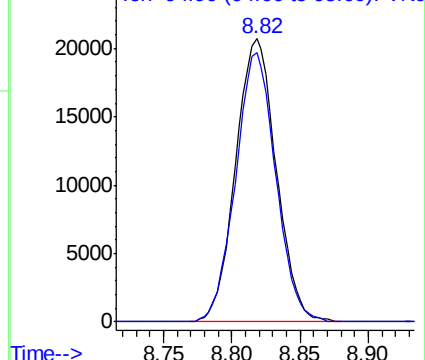
95 95.4 0.0 207.0

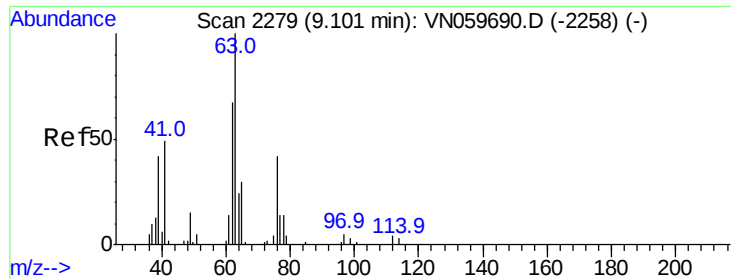


Abundance

Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

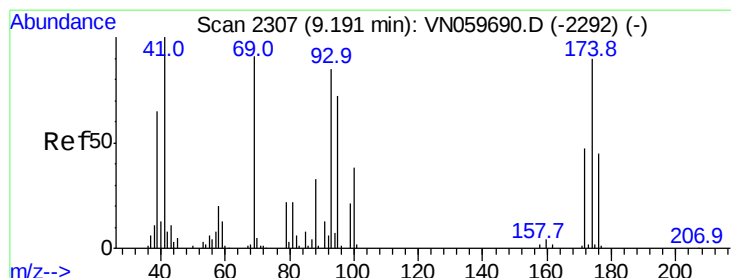
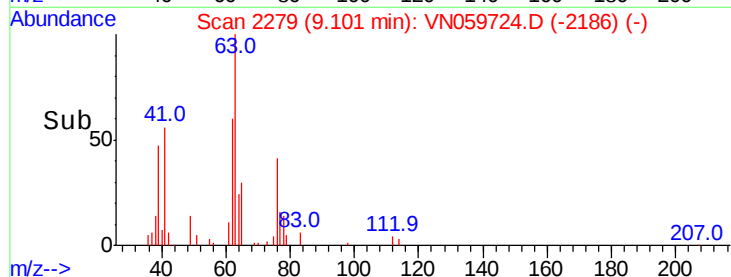
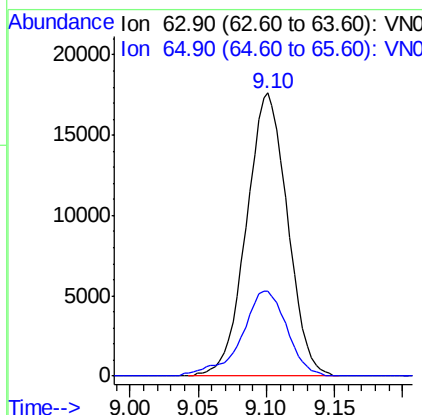
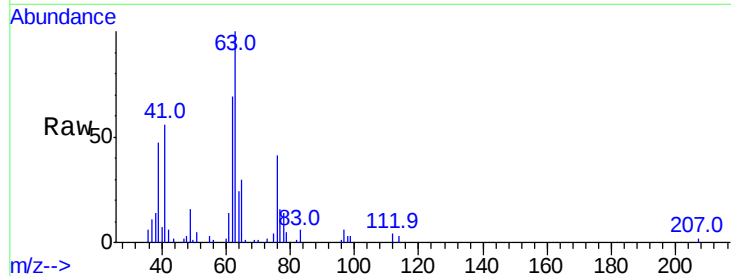




#45
 1,2-Dichloropropane
 Concen: 17.517 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: VN059724.D
 Acq: 16 Jan 2020 11:49

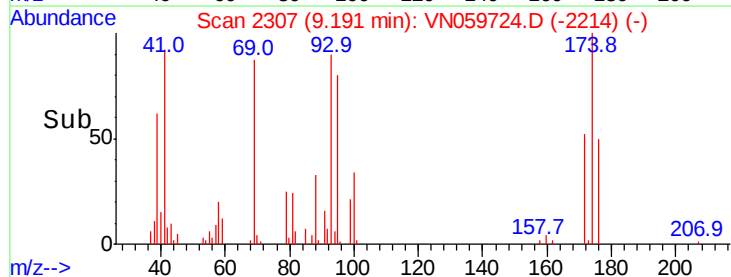
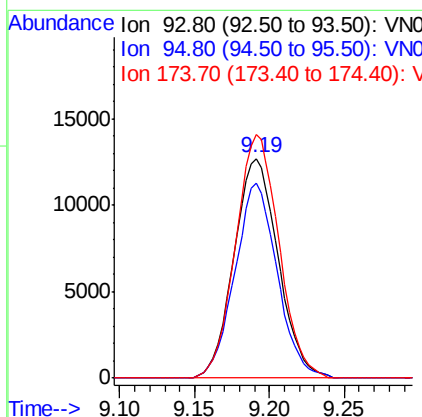
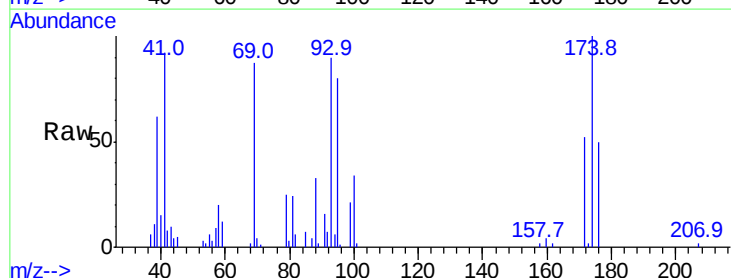
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0116WBS01

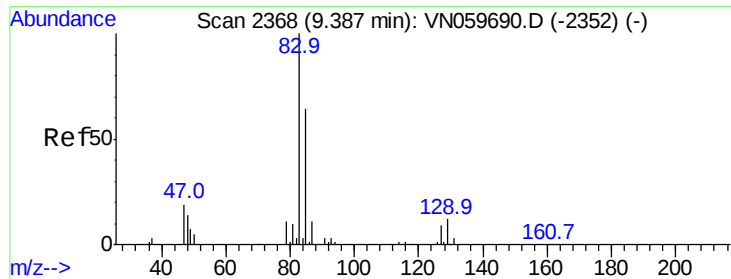
Tgt Ion: 63 Resp: 36849
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.9 37.3



#46
 Dibromomethane
 Concen: 17.595 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN059724.D
 Acq: 16 Jan 2020 11:49

Tgt Ion: 93 Resp: 26108
 Ion Ratio Lower Upper
 93 100
 95 85.4 67.0 100.6
 174 108.8 73.4 110.2

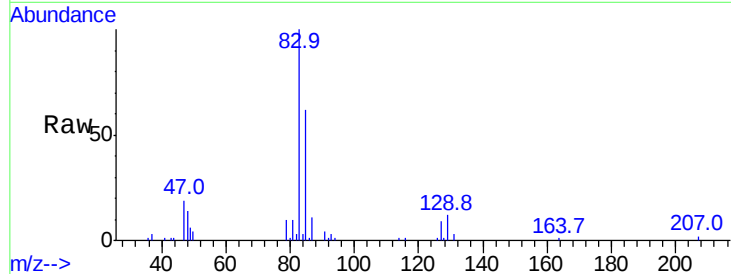




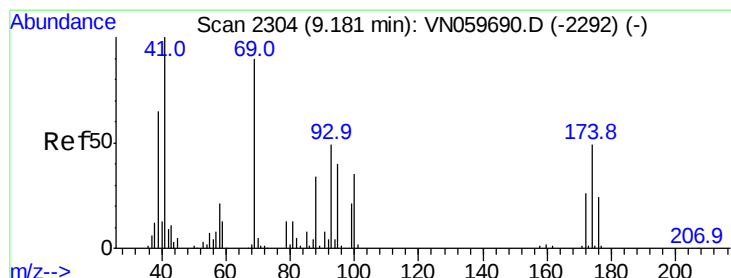
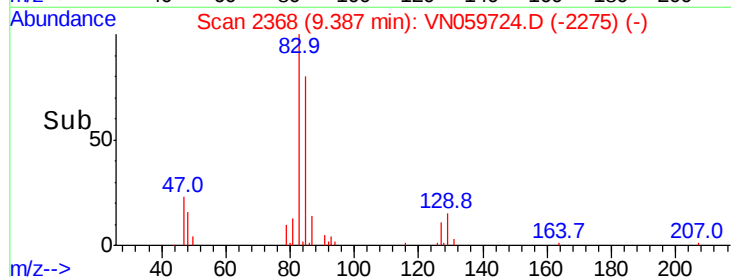
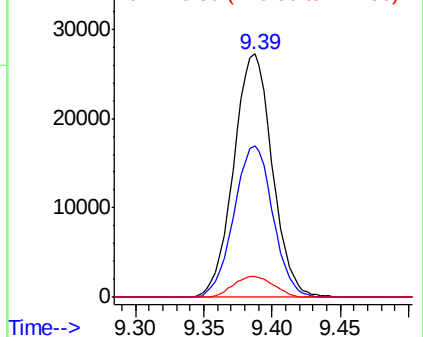
#47
Bromodichloromethane
Concen: 17.936 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN059724.D
Acq: 16 Jan 2020 11:49

Instrument :
MSVOA_N
ClientSampleId :
VN0116WBS01

Tgt Ion: 83 Resp: 53634
Ion Ratio Lower Upper
83 100
85 62.3 51.1 76.7
127 8.6 6.6 9.8

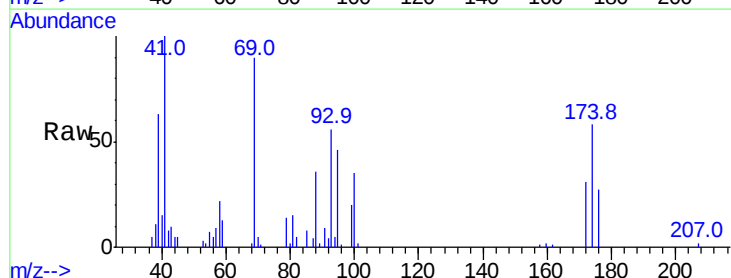


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V

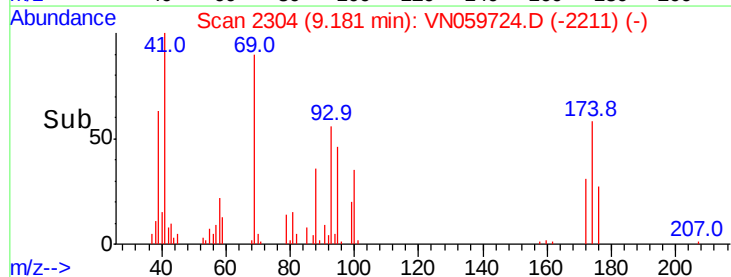
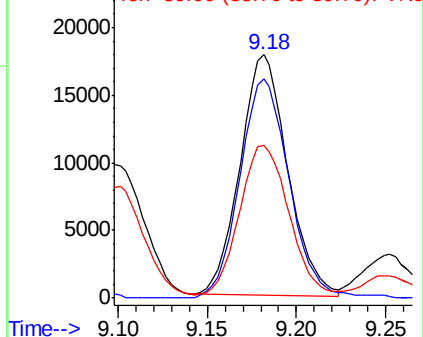


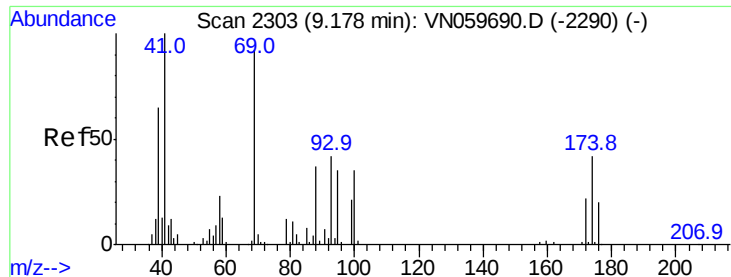
#48
Methyl methacrylate
Concen: 16.120 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059724.D
Acq: 16 Jan 2020 11:49

Tgt Ion: 41 Resp: 33157
Ion Ratio Lower Upper
41 100
69 94.4 64.4 96.6
39 64.5 51.3 76.9



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

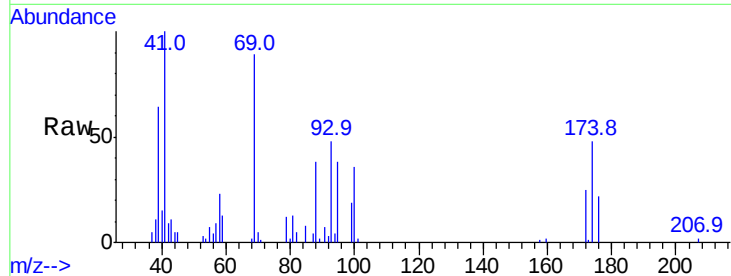




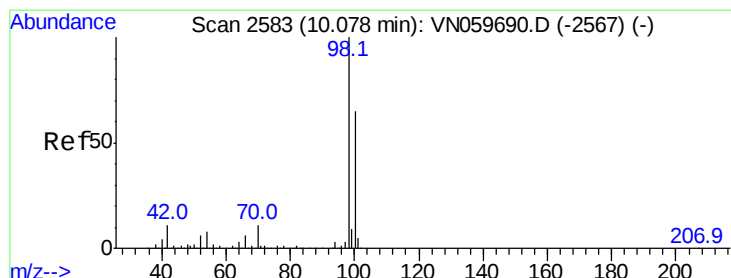
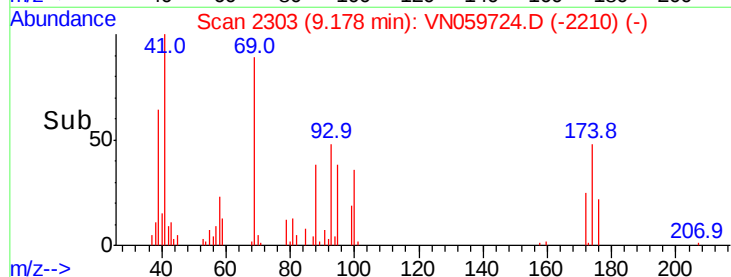
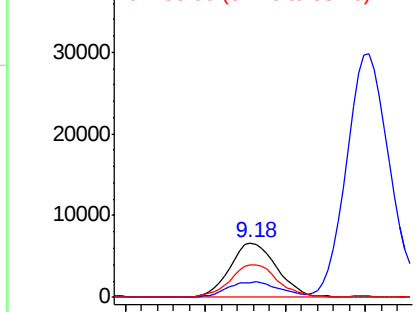
#49
1,4-Dioxane
Concen: 356.142 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN059724.D
Acq: 16 Jan 2020 11:49

Instrument :
MSVOA_N
ClientSampleId :
VN0116WBS01

Tgt Ion: 88 Resp: 13410
Ion Ratio Lower Upper
88 100
43 31.4 29.7 44.5
58 60.3 56.6 85.0

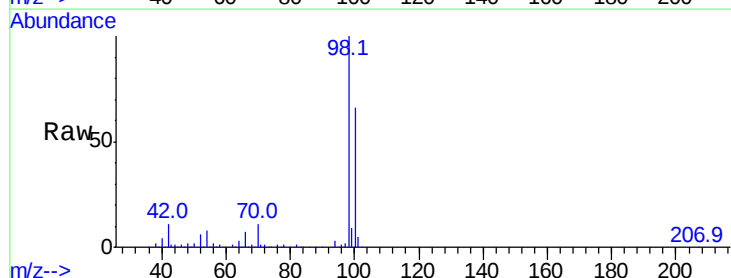


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

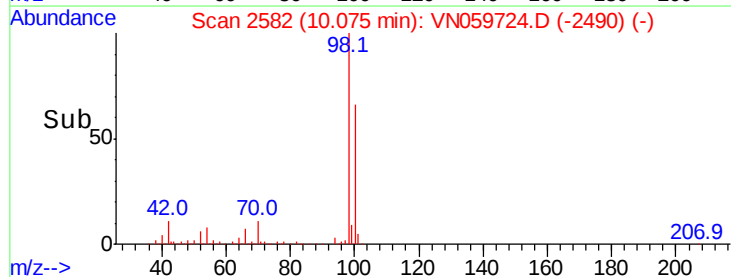
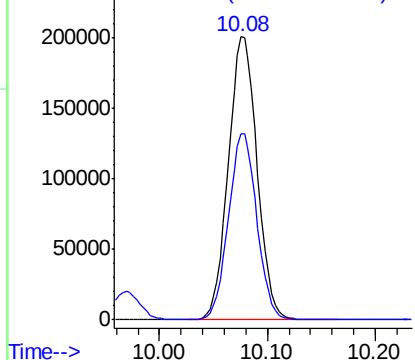


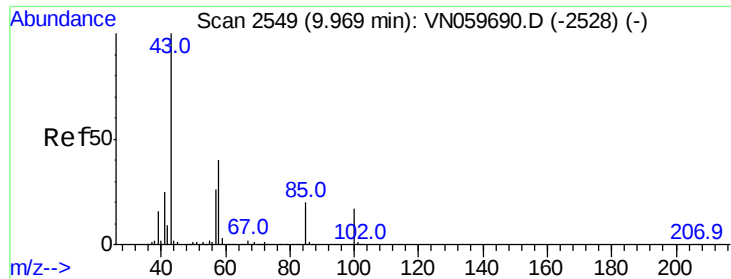
#50
Toluene-d8
Concen: 49.430 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN059724.D
Acq: 16 Jan 2020 11:49

Tgt Ion: 98 Resp: 373828
Ion Ratio Lower Upper
98 100
100 64.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

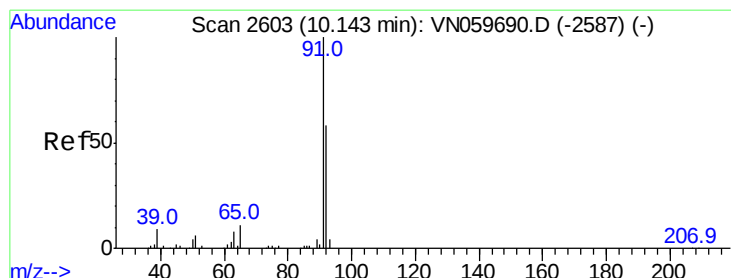
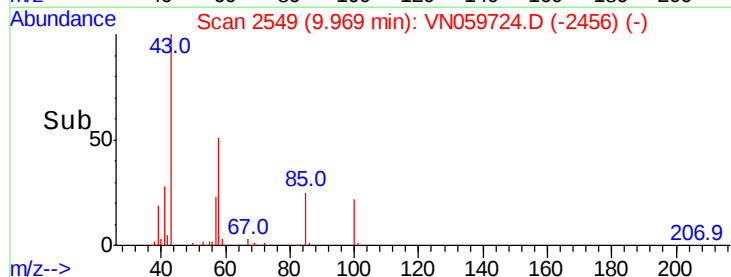
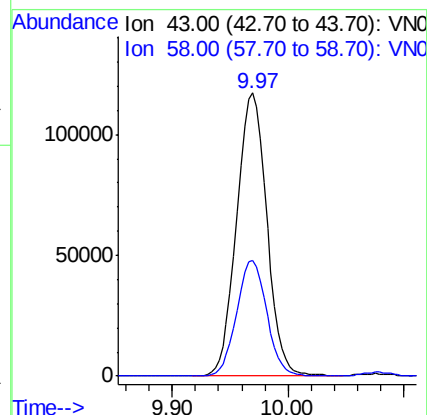
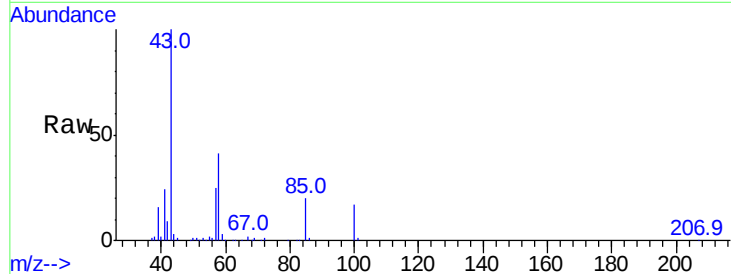




#51
4-Methyl-2-Pentanone
Concen: 79.604 ug/l
RT: 9.97 min Scan# 2549
Delta R.T. 0.00 min
Lab File: VN059724.D
Acq: 16 Jan 2020 11:49

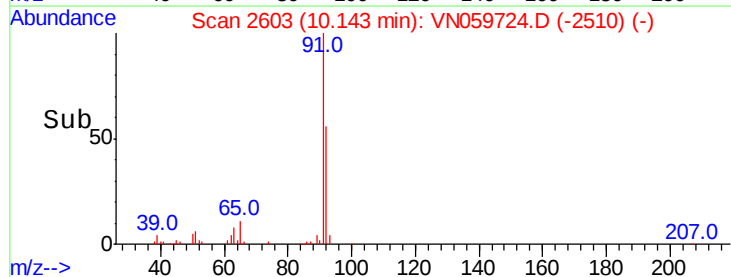
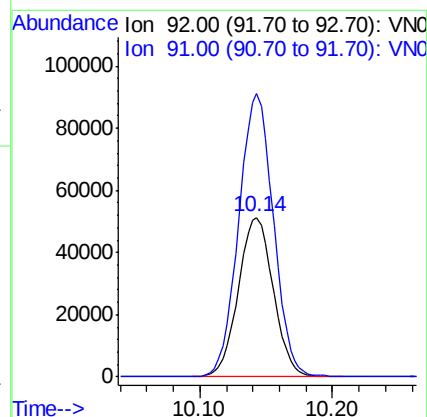
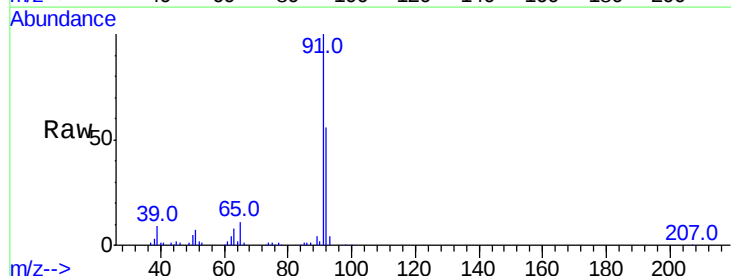
Instrument :
MSVOA_N
ClientSampled :
VN0116WBS01

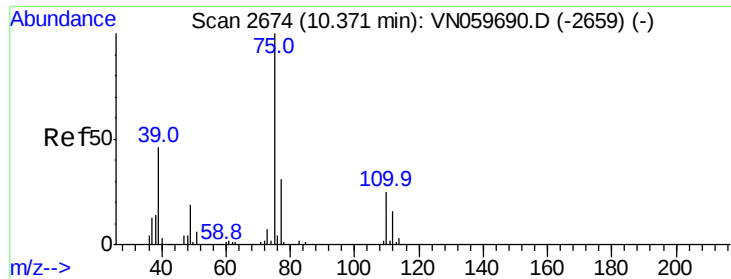
Tgt Ion: 43 Resp: 211602
Ion Ratio Lower Upper
43 100
58 40.7 29.8 44.8



#52
Toluene
Concen: 17.510 ug/l
RT: 10.14 min Scan# 2603
Delta R.T. 0.00 min
Lab File: VN059724.D
Acq: 16 Jan 2020 11:49

Tgt Ion: 92 Resp: 94021
Ion Ratio Lower Upper
92 100
91 176.1 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 17.113 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN059724.D

Acq: 16 Jan 2020 11:49

Instrument :

MSVOA_N

ClientSampleId :

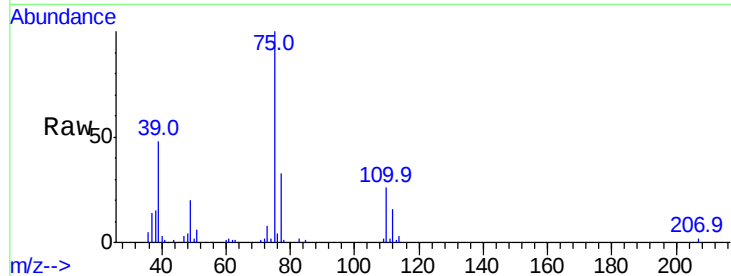
VN0116WBS01

Tgt Ion: 75 Resp: 57139

Ion Ratio Lower Upper

75 100

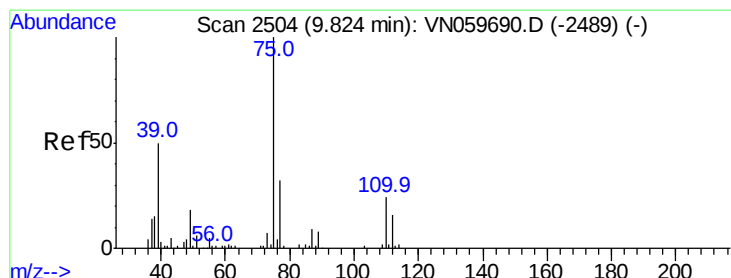
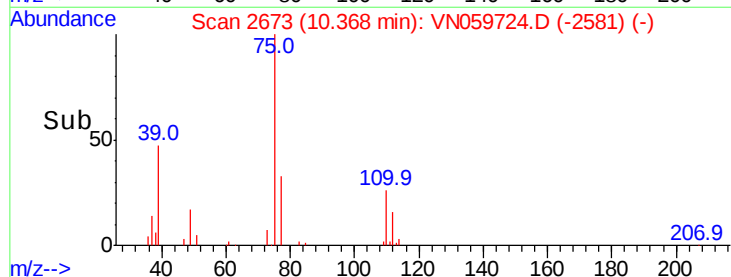
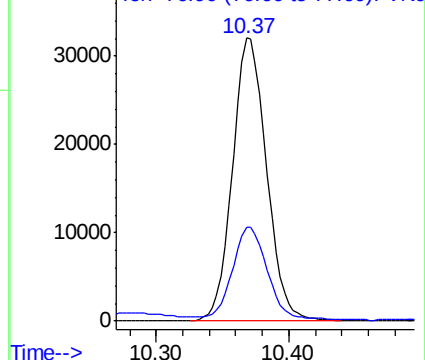
77 32.5 25.4 38.2



Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 17.584 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN059724.D

Acq: 16 Jan 2020 11:49

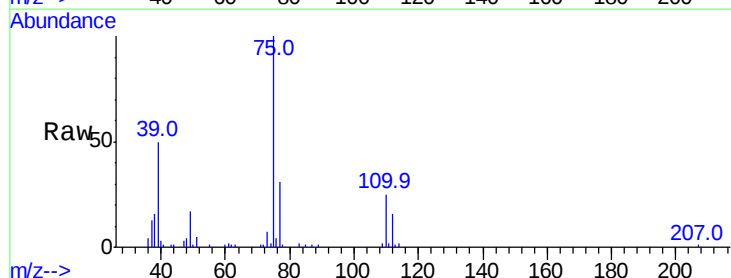
Tgt Ion: 75 Resp: 61775

Ion Ratio Lower Upper

75 100

77 30.6 25.1 37.7

39 50.0 46.1 69.1

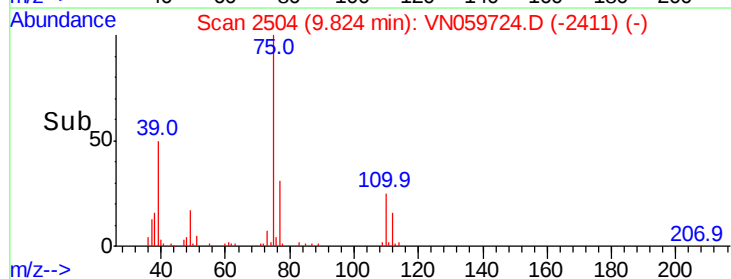
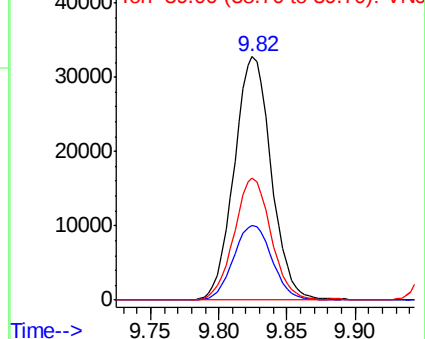


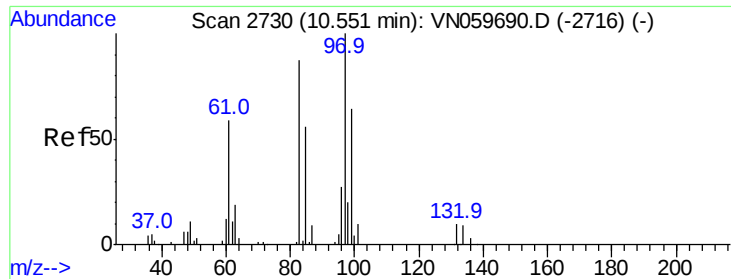
Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

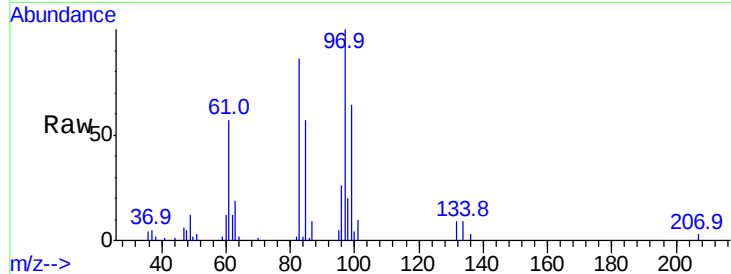




#55
 1,1,2-Trichloroethane
 Concen: 17.283 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN059724.D
 Acq: 16 Jan 2020 11:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0116WBS01

Tgt Ion:	97	Resp:	36756
Ion	Ratio	Lower	Upper
97	100		
83	86.3	71.3	106.9
85	56.7	45.8	68.8
99	63.8	50.0	75.0



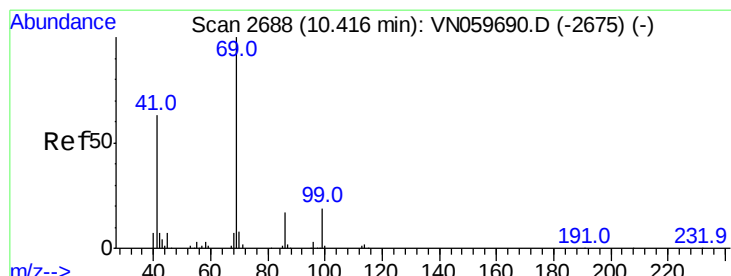
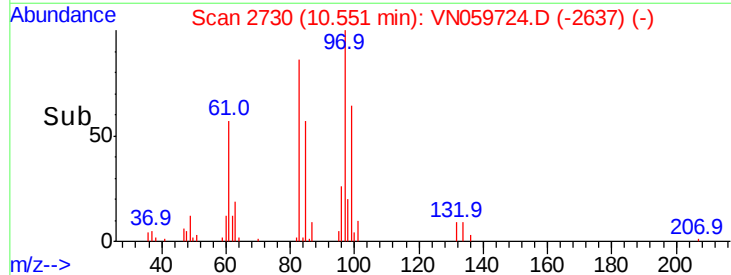
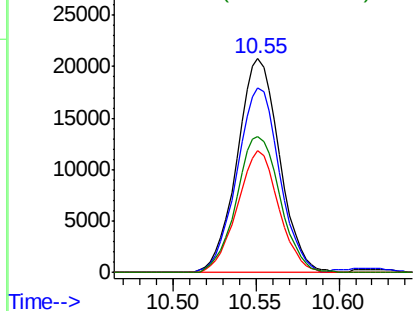
Abundance

Ion 96.90 (96.60 to 97.60): VNC

Ion 82.90 (82.60 to 83.60): VNC

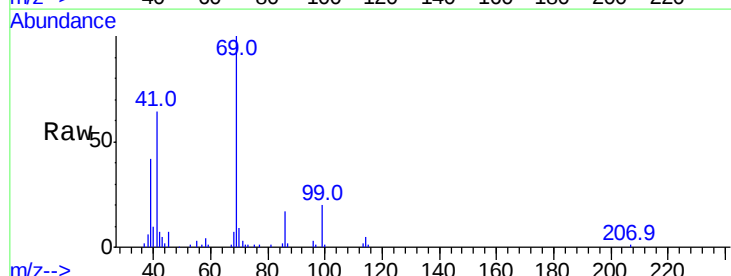
Ion 84.90 (84.60 to 85.60): VNC

Ion 98.90 (98.60 to 99.60): VNC



#56
 Ethyl methacrylate
 Concen: 16.564 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN059724.D
 Acq: 16 Jan 2020 11:49

Tgt Ion:	69	Resp:	53825
Ion	Ratio	Lower	Upper
69	100		
41	61.5	57.1	85.7
39	41.6	34.7	52.1

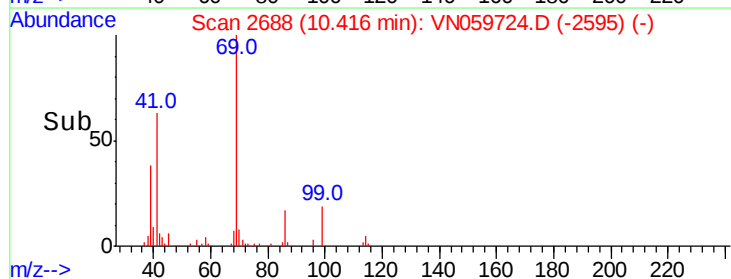
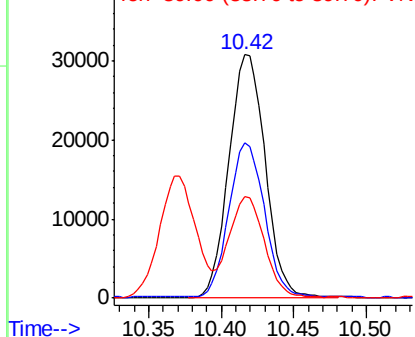


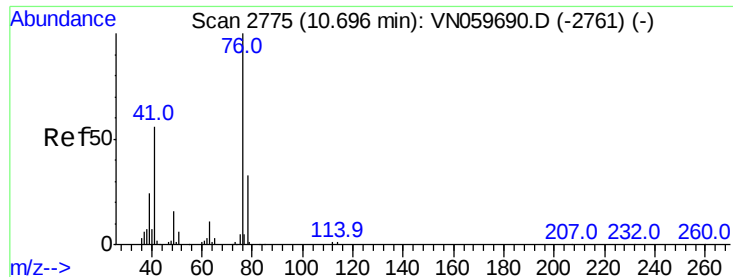
Abundance

Ion 69.00 (68.70 to 69.70): VNC

Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC





#57

1,3-Dichloropropane

Concen: 17.954 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

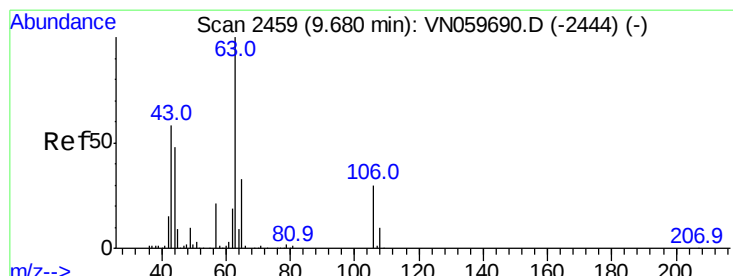
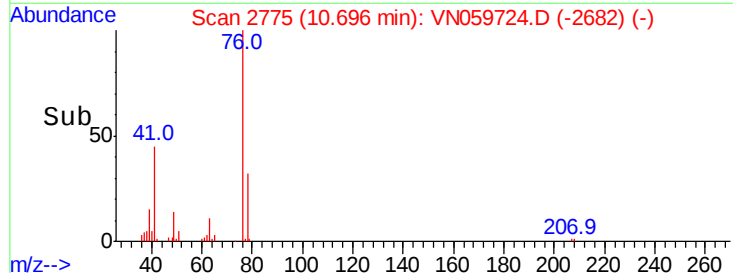
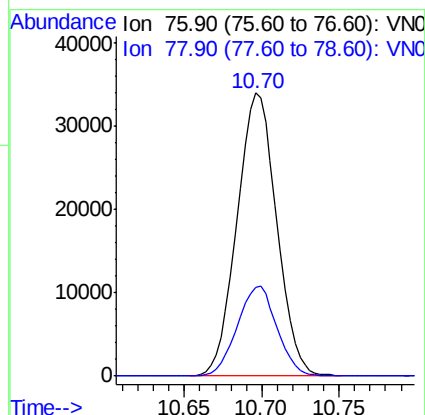
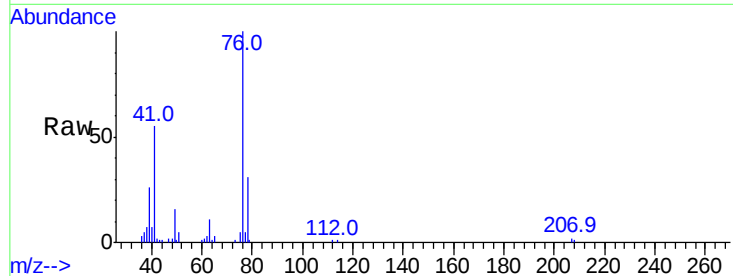
Lab File: VN059724.D

Acq: 16 Jan 2020 11:49

Instrument :
MSVOA_N
ClientSampleId :
VN0116WBS01

Tgt Ion: 76 Resp: 60617

Ion	Ratio	Lower	Upper
76	100		
78	31.7	25.8	38.8



#58

2-Chloroethyl Vinyl ether

Concen: 93.875 ug/l

RT: 9.68 min Scan# 2459

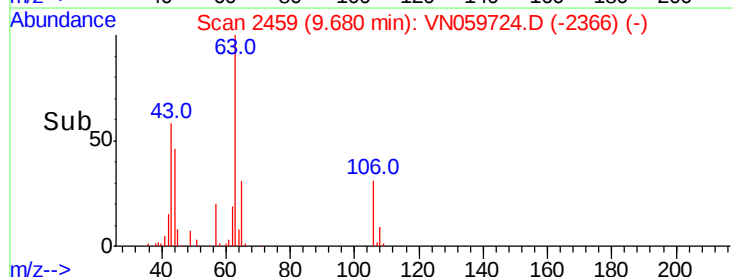
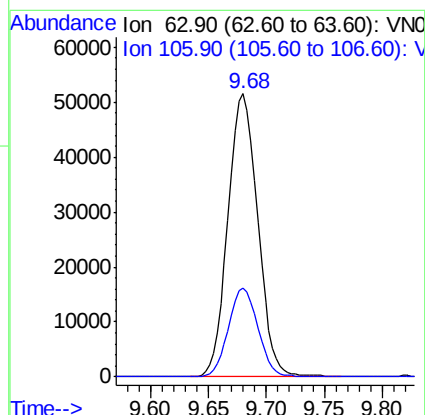
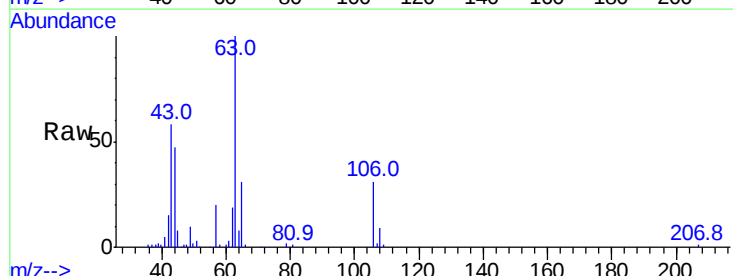
Delta R.T. 0.00 min

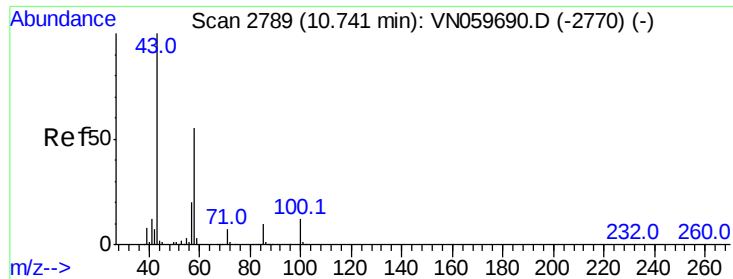
Lab File: VN059724.D

Acq: 16 Jan 2020 11:49

Tgt Ion: 63 Resp: 91882

Ion	Ratio	Lower	Upper
63	100		
106	31.0	20.2	30.2#

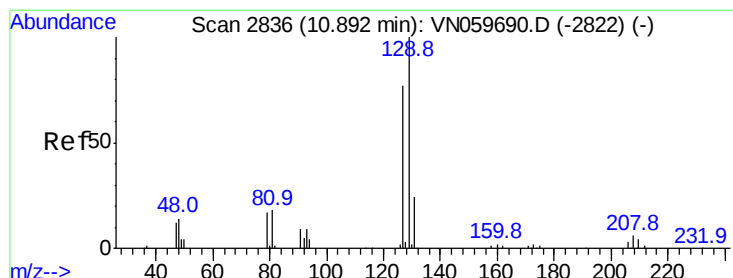
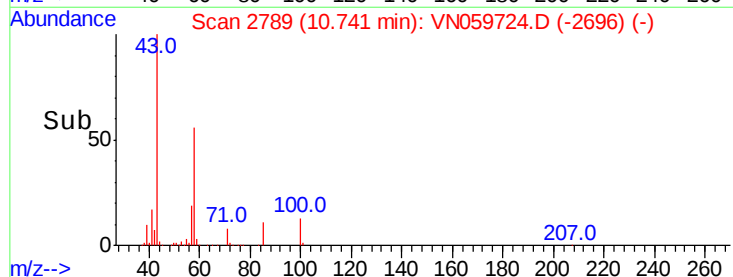
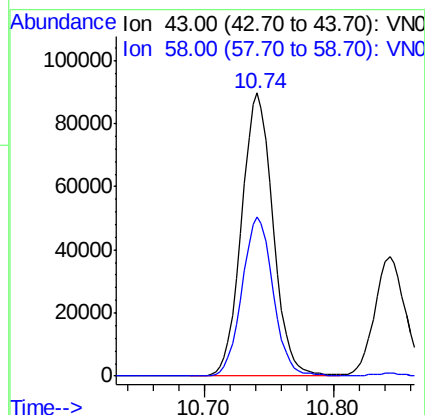
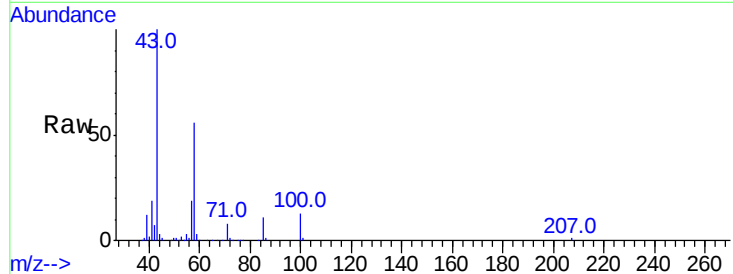




#59
2-Hexanone
Concen: 77.842 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059724.D
Acq: 16 Jan 2020 11:49

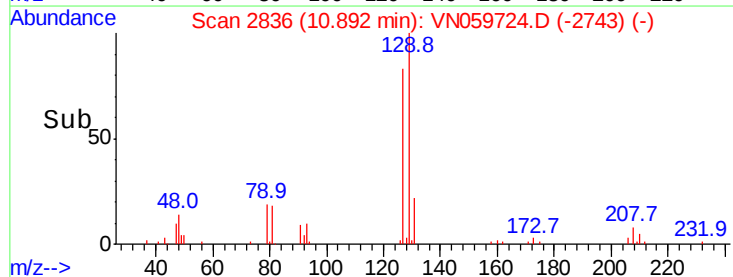
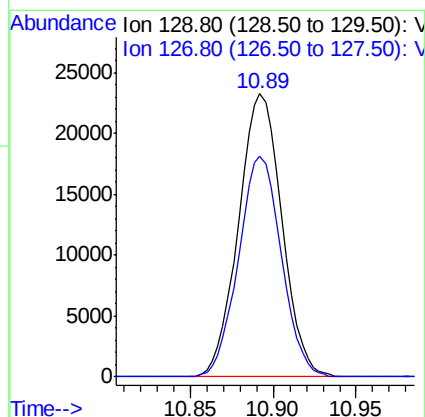
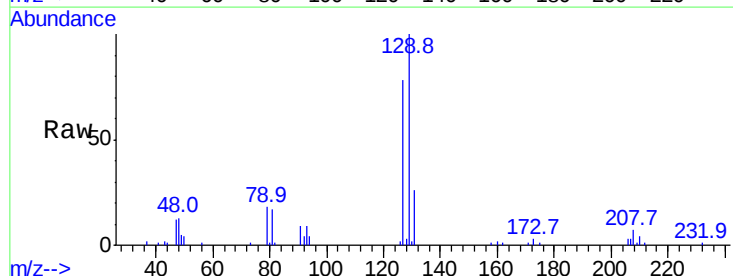
Instrument :
MSVOA_N
ClientSampled :
VN0116WBS01

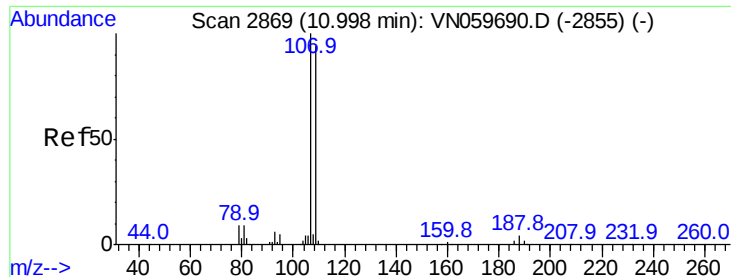
Tgt Ion: 43 Resp: 152439
Ion Ratio Lower Upper
43 100
58 55.6 25.8 77.3



#60
Dibromochloromethane
Concen: 17.548 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059724.D
Acq: 16 Jan 2020 11:49

Tgt Ion: 129 Resp: 42498
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5

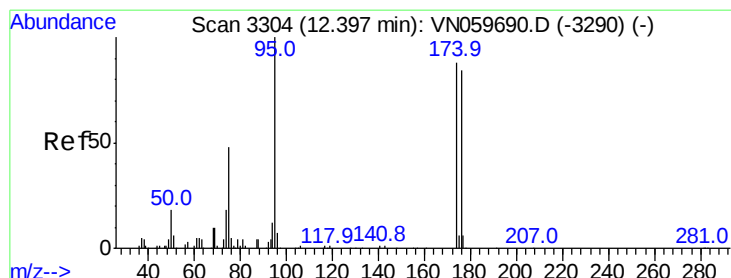
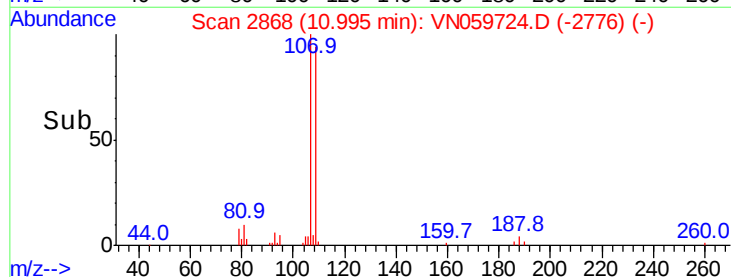
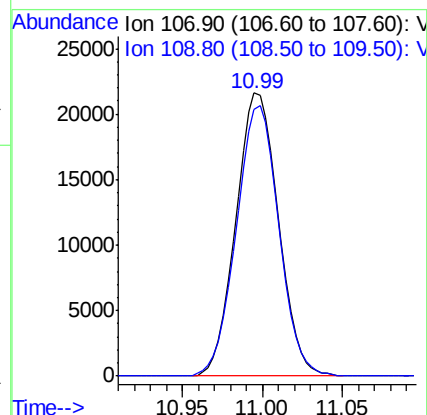
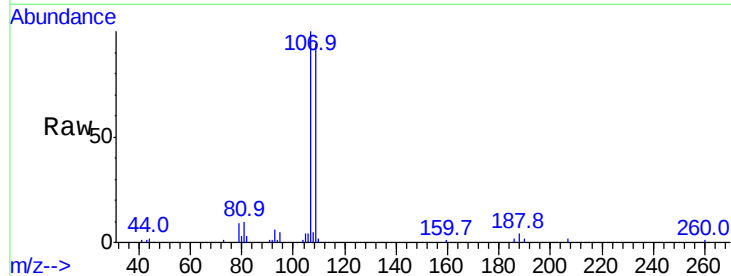




#61
1,2-Dibromoethane
Concen: 17.523 ug/l
RT: 10.99 min Scan# 2868
Delta R.T. -0.00 min
Lab File: VN059724.D
Acq: 16 Jan 2020 11:49

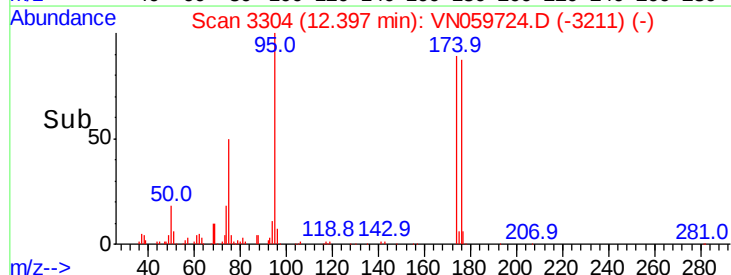
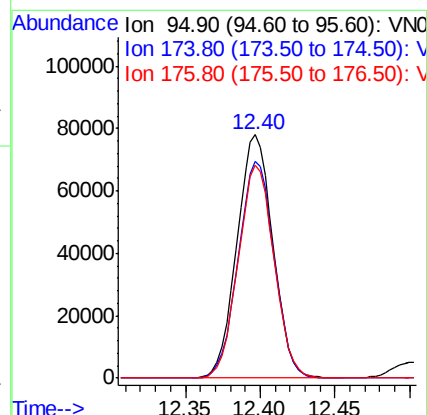
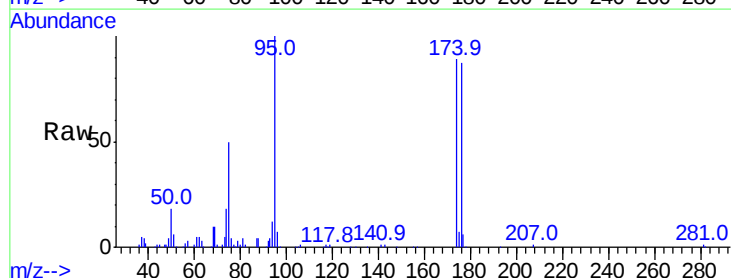
Instrument :
MSVOA_N
ClientSampleId :
VN0116WBS01

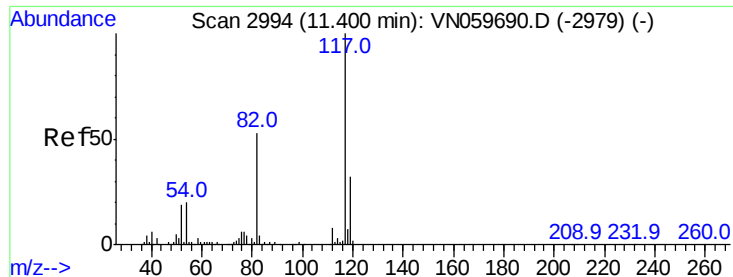
Tgt Ion: 107 Resp: 39059
Ion Ratio Lower Upper
107 100
109 95.8 76.6 115.0



#62
4-Bromofluorobenzene
Concen: 47.953 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN059724.D
Acq: 16 Jan 2020 11:49

Tgt Ion: 95 Resp: 130737
Ion Ratio Lower Upper
95 100
174 88.8 0.0 151.4
176 87.0 0.0 146.0

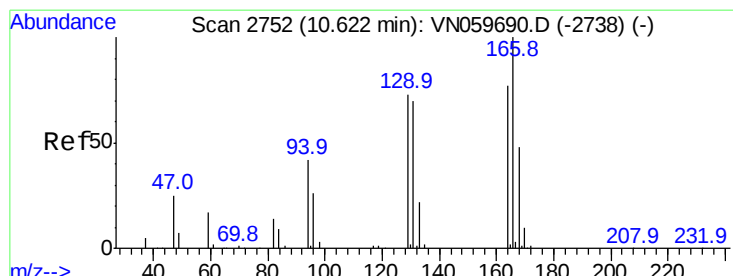
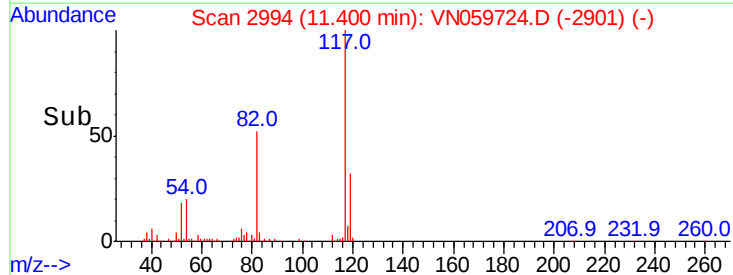
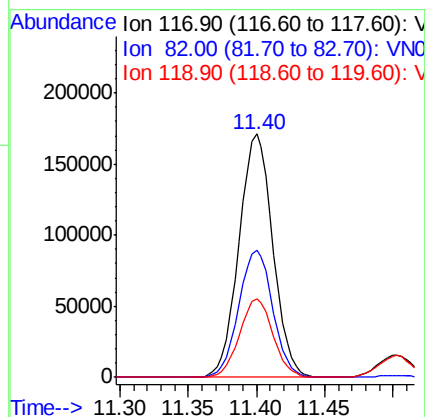
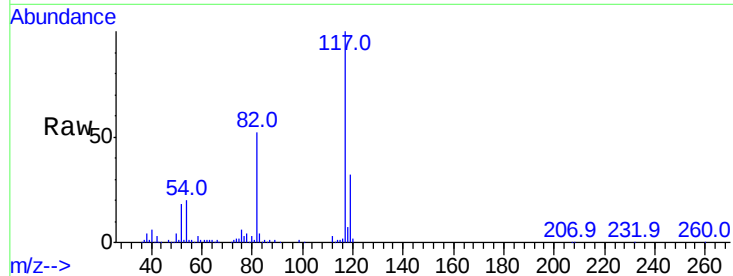




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059724.D
Acq: 16 Jan 2020 11:49

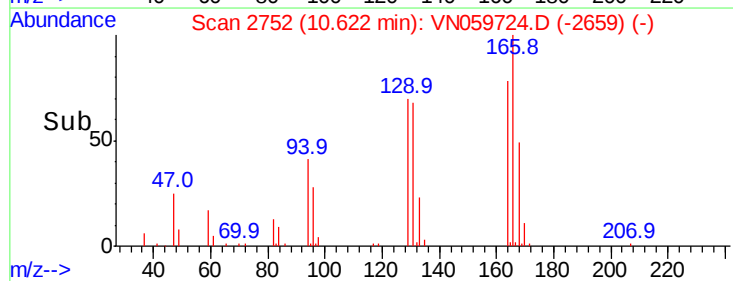
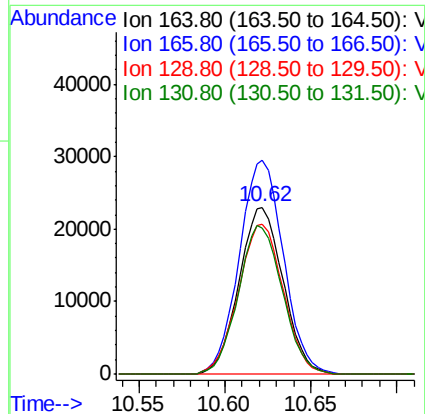
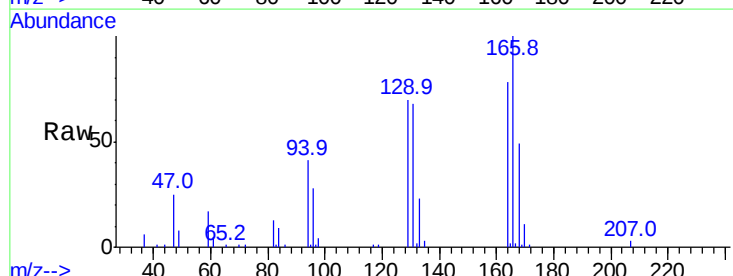
Instrument :
MSVOA_N
ClientSampleId :
VN0116WBS01

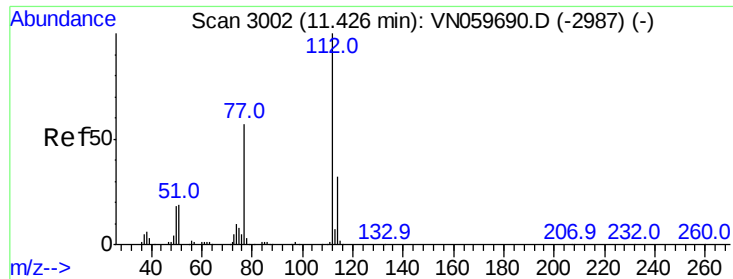
Tgt Ion:117 Resp: 295028
Ion Ratio Lower Upper
117 100
82 52.3 45.9 68.9
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 16.985 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059724.D
Acq: 16 Jan 2020 11:49

Tgt Ion:164 Resp: 40841
Ion Ratio Lower Upper
164 100
166 128.2 101.4 152.0
129 90.1 80.2 120.4
131 87.6 75.0 112.4

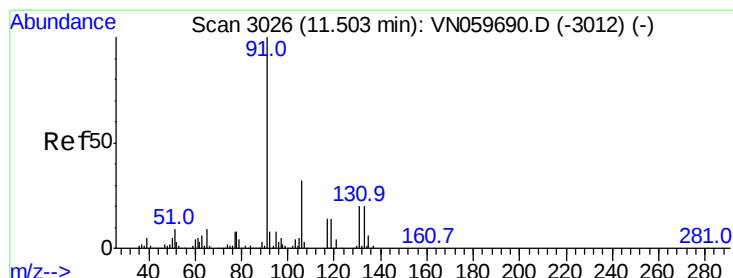
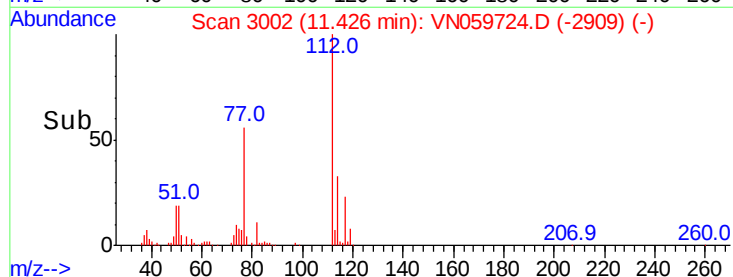
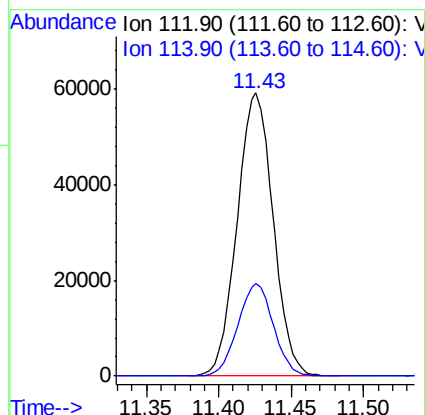
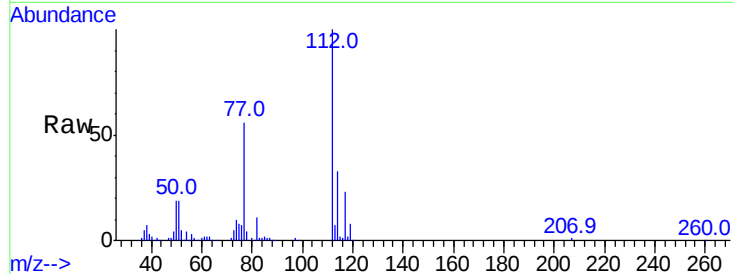




#65
Chlorobenzene
Concen: 17.675 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059724.D
Acq: 16 Jan 2020 11:49

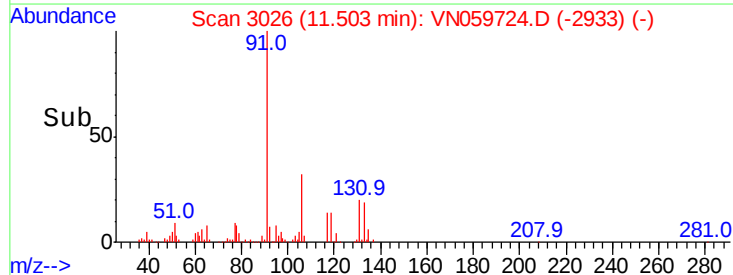
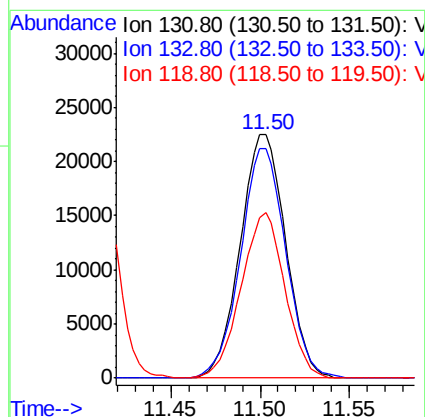
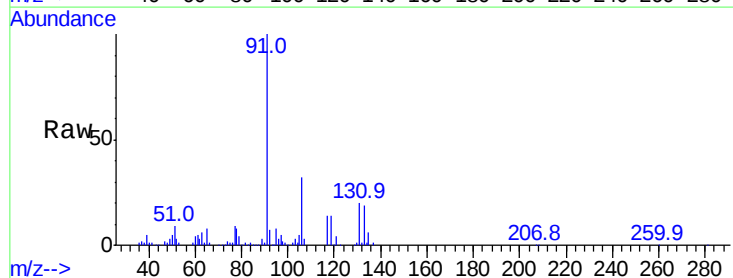
Instrument :
MSVOA_N
ClientSampleId :
VN0116WBS01

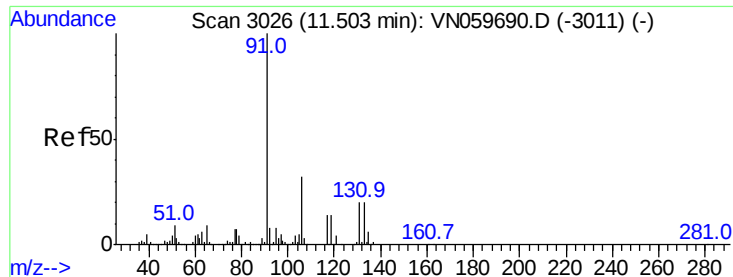
Tgt Ion:112 Resp: 102497
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 17.879 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059724.D
Acq: 16 Jan 2020 11:49

Tgt Ion:131 Resp: 40062
Ion Ratio Lower Upper
131 100
133 94.0 47.4 142.2
119 65.6 33.1 99.3

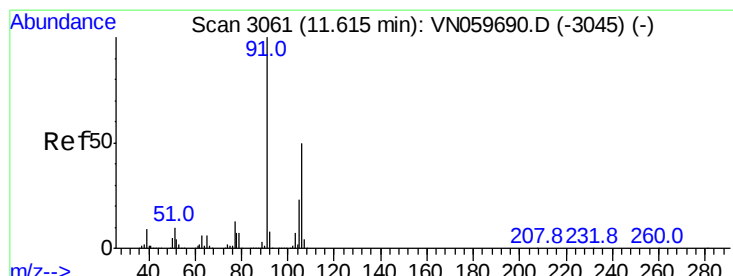
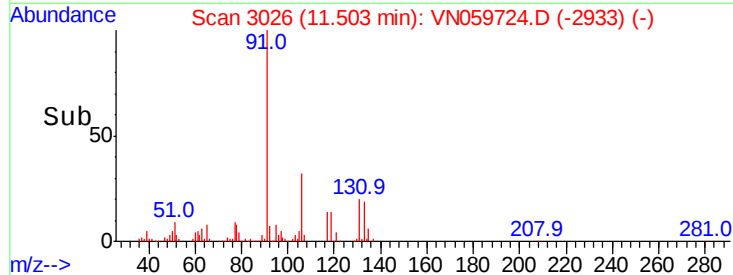
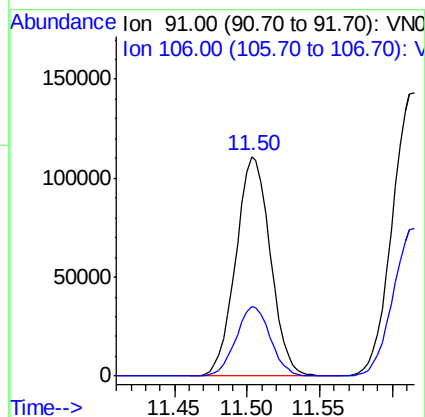
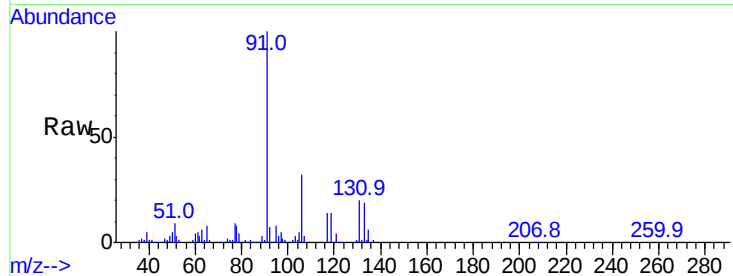




#67
Ethyl Benzene
Concen: 17.421 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059724.D
Acq: 16 Jan 2020 11:49

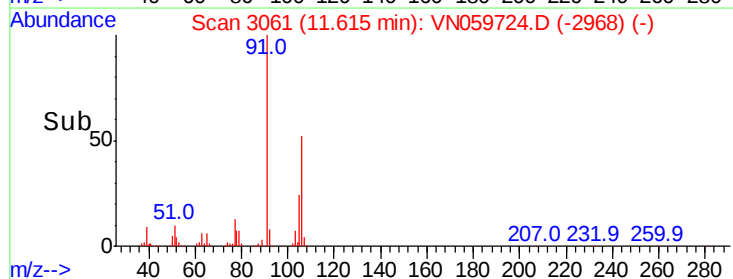
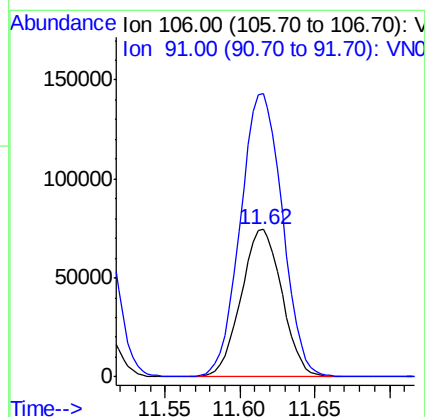
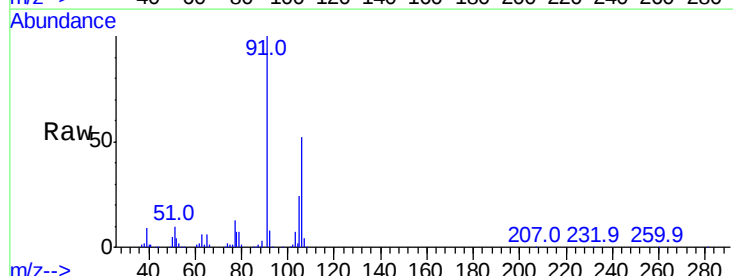
Instrument :
MSVOA_N
ClientSampleId :
VN0116WBS01

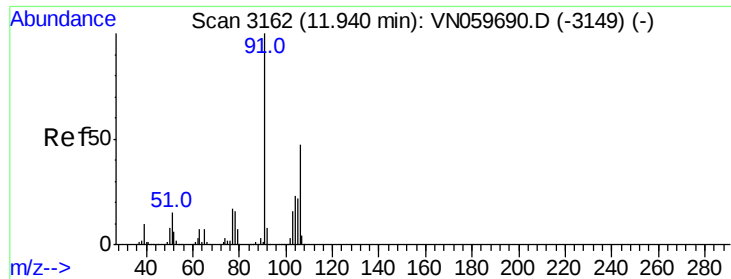
Tgt Ion: 91 Resp: 183390
Ion Ratio Lower Upper
91 100
106 31.6 24.1 36.1



#68
m/p-Xylenes
Concen: 35.619 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN059724.D
Acq: 16 Jan 2020 11:49

Tgt Ion: 106 Resp: 141637
Ion Ratio Lower Upper
106 100
91 198.0 167.9 251.9

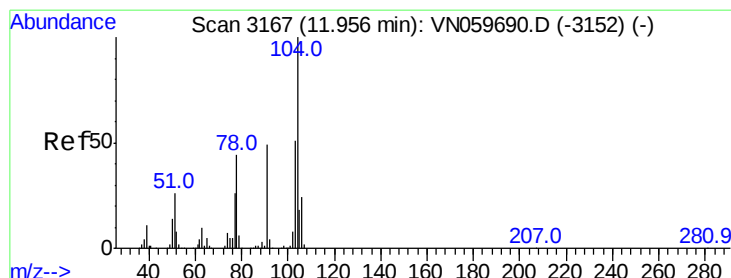
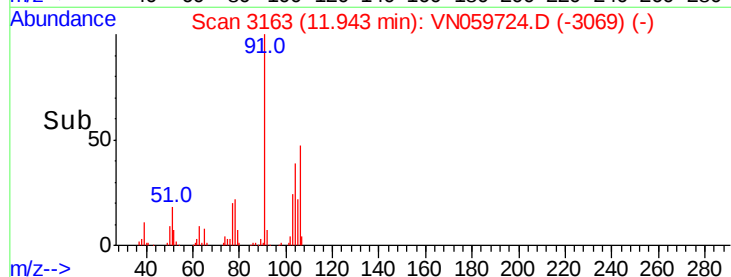
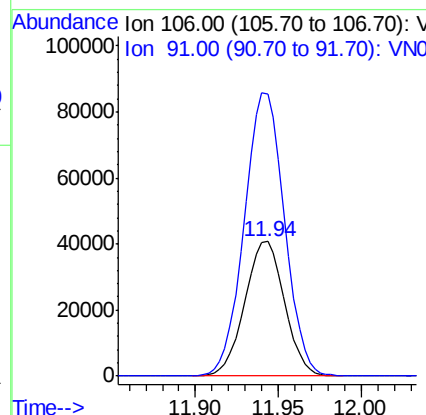
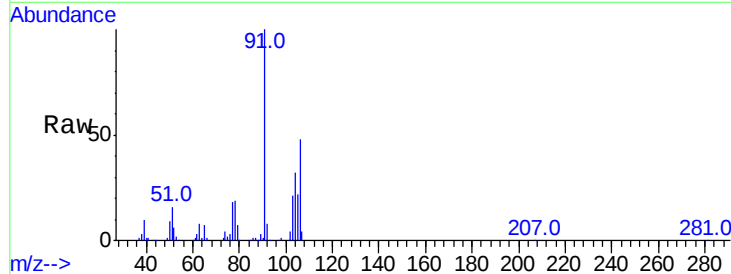




#69
o-Xylene
Concen: 17.480 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN059724.D
Acq: 16 Jan 2020 11:49

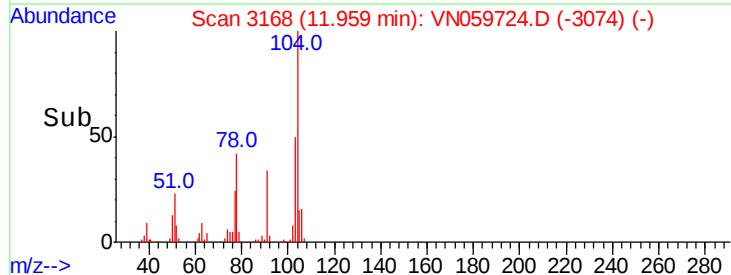
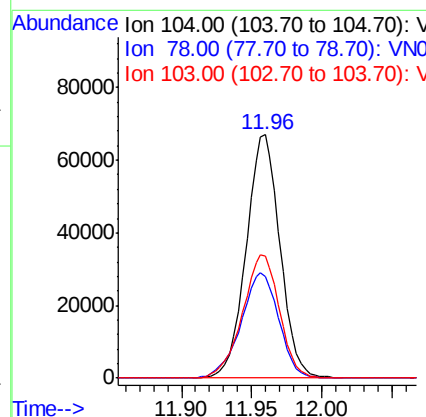
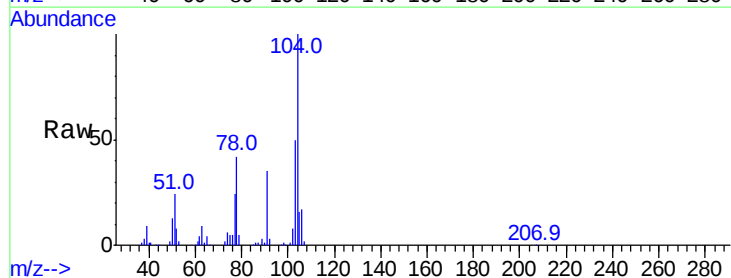
Instrument :
MSVOA_N
ClientSampleId :
VN0116WBS01

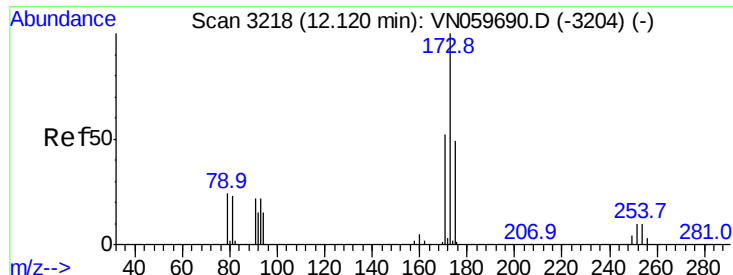
Tgt Ion:106 Resp: 68048
Ion Ratio Lower Upper
106 100
91 212.4 110.3 330.9



#70
Styrene
Concen: 17.287 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN059724.D
Acq: 16 Jan 2020 11:49

Tgt Ion:104 Resp: 112611
Ion Ratio Lower Upper
104 100
78 48.5 42.4 63.6
103 55.3 43.9 65.9





#71

Bromoform

Concen: 17.308 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

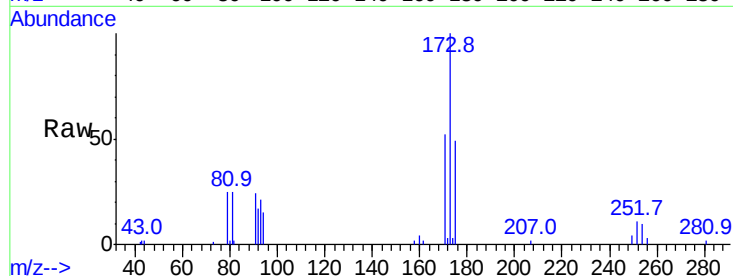
Lab File: VN059724.D

Acq: 16 Jan 2020 11:49

Instrument :
MSVOA_N
ClientSampleId :
VN0116WBS01

Tgt Ion:173 Resp: 31064

Ion	Ratio	Lower	Upper
173	100		
175	48.3	23.8	71.4
254	0.0	0.0	0.0

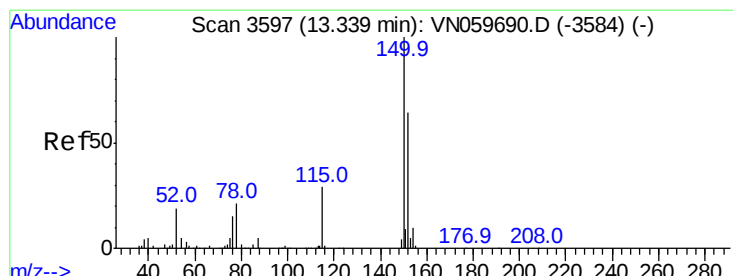
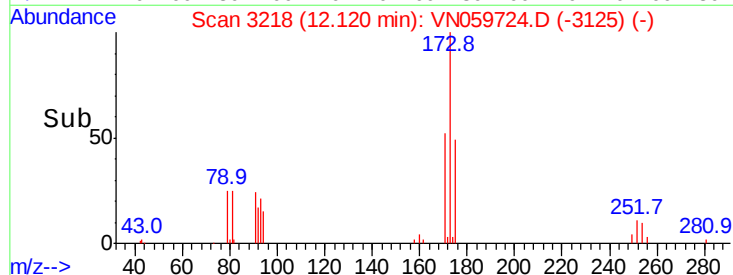
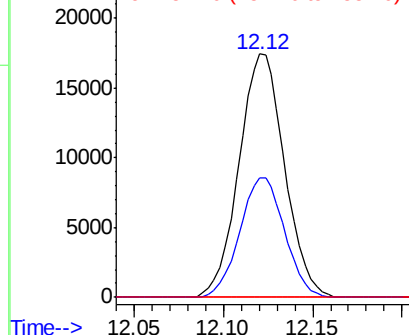


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

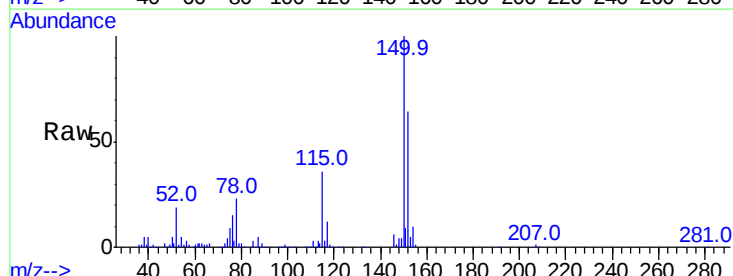
Delta R.T. 0.00 min

Lab File: VN059724.D

Acq: 16 Jan 2020 11:49

Tgt Ion:152 Resp: 140865

Ion	Ratio	Lower	Upper
152	100		
115	57.3	30.3	90.9
150	162.3	0.0	345.2

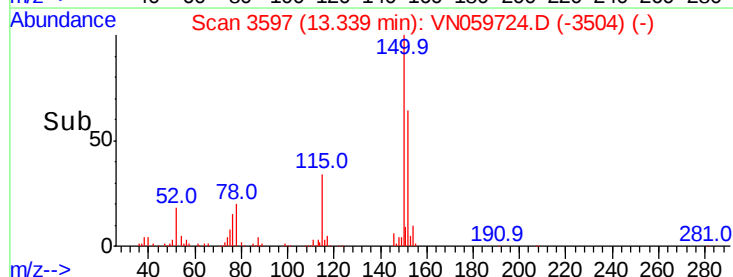
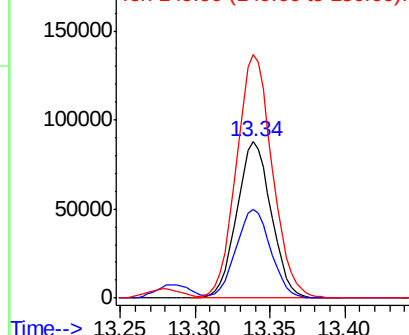


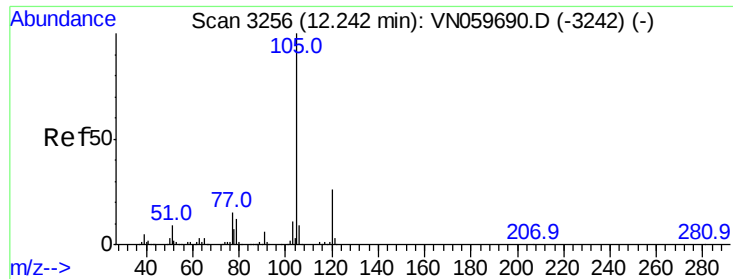
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.656 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059724.D

Acq: 16 Jan 2020 11:49

Instrument :

MSVOA_N

ClientSampleId :

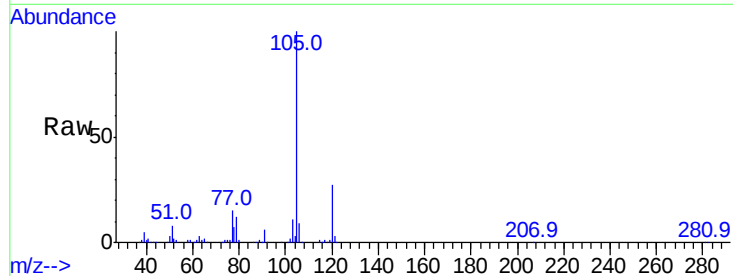
VN0116WBS01

Tgt Ion: 105 Resp: 182405

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

120000

100000

80000

60000

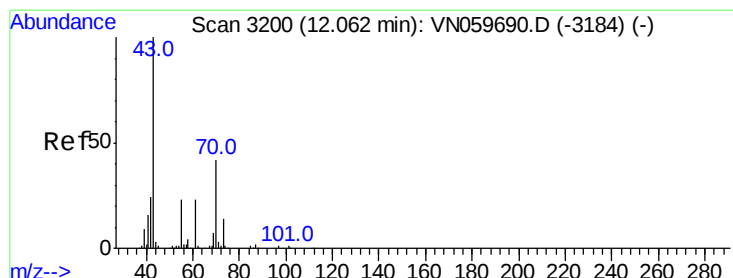
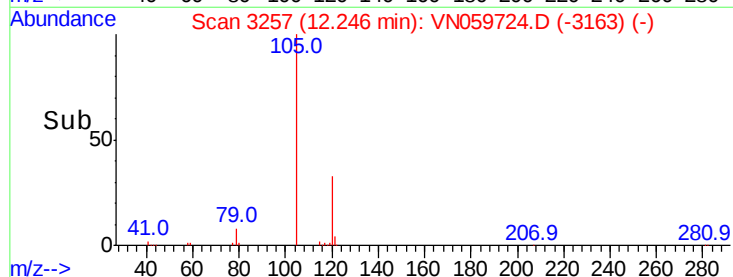
40000

20000

0

12.20 12.25 12.30

Time-->



#74

N-ethyl acetate

Concen: 15.615 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN059724.D

Acq: 16 Jan 2020 11:49

Tgt Ion: 43 Resp: 62596

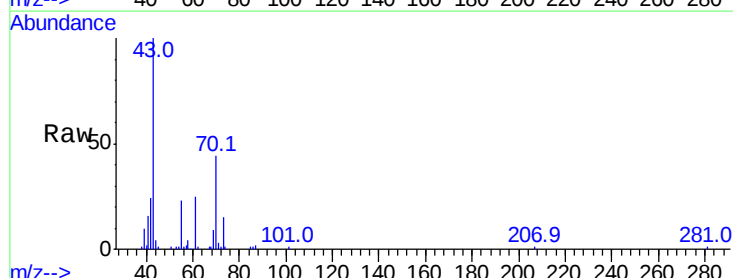
Ion Ratio Lower Upper

43 100

70 43.7 31.3 46.9

55 23.6 19.8 29.6

61 24.1 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

60000

50000

40000

30000

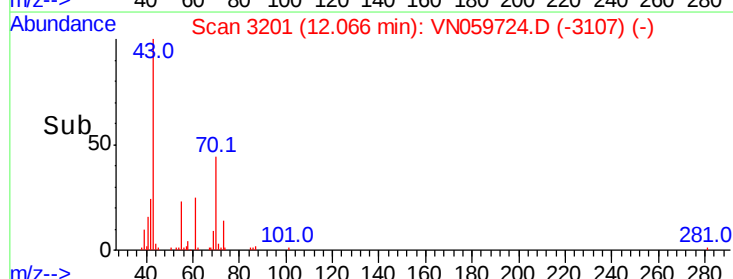
20000

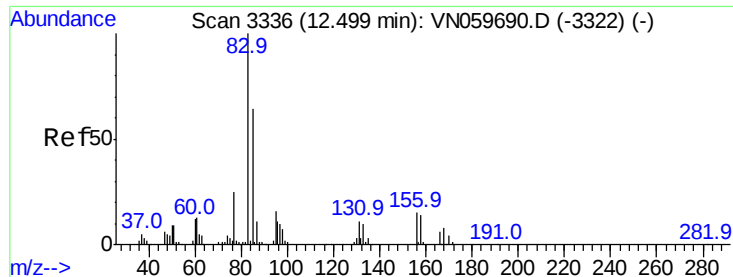
10000

0

12.00 12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 16.969 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059724.D

Acq: 16 Jan 2020 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN0116WBS01

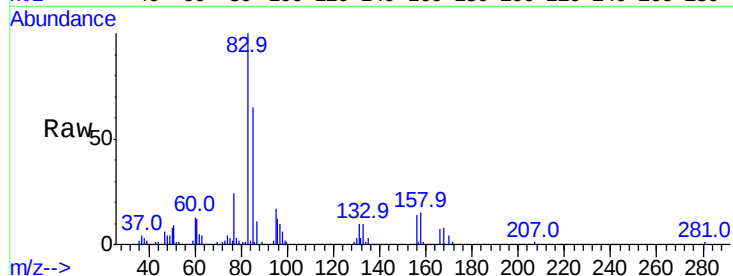
Tgt Ion: 83 Resp: 50822

Ion Ratio Lower Upper

83 100

131 11.0 5.0 14.9

85 64.1 31.9 95.5

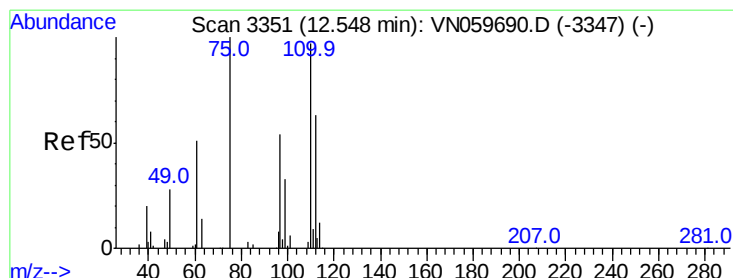
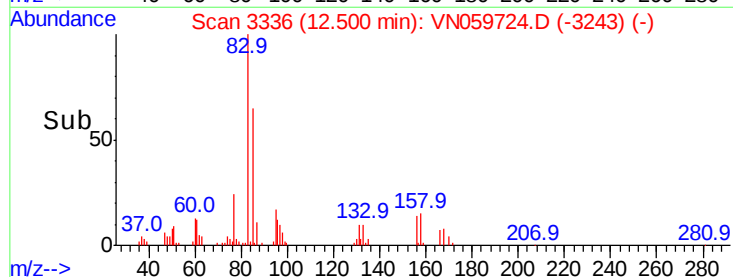
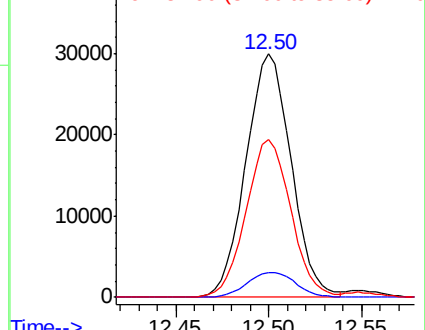


Abundance

Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 28.141 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN059724.D

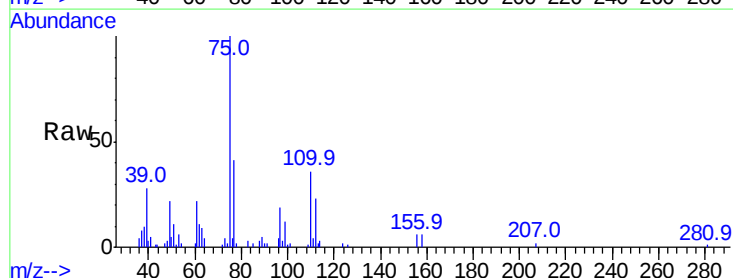
Acq: 16 Jan 2020 11:49

Tgt Ion: 75 Resp: 66712

Ion Ratio Lower Upper

75 100

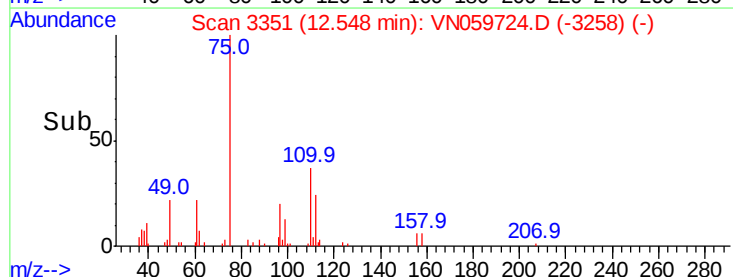
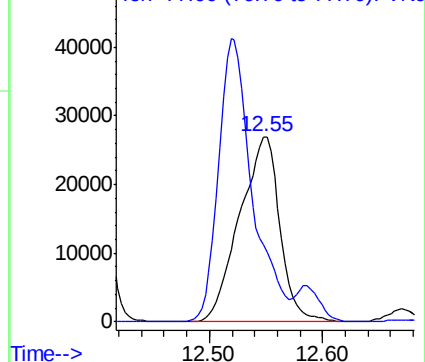
77 0.0 0.0 0.0

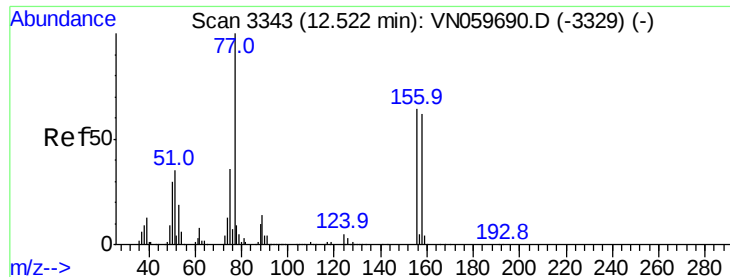


Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 17.808 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN059724.D

Acq: 16 Jan 2020 11:49

Instrument :

MSVOA_N

ClientSampled :

VN0116WBS01

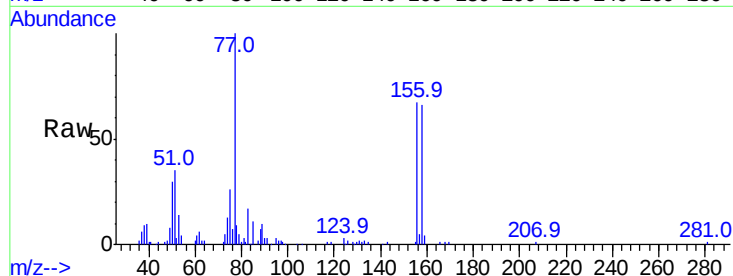
Tgt Ion:156 Resp: 46588

Ion Ratio Lower Upper

156 100

77 183.8 115.8 347.4

158 98.0 49.2 147.6

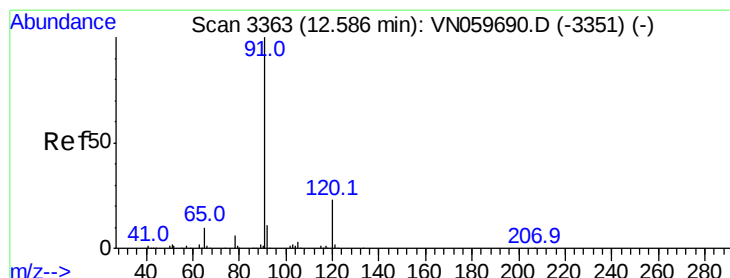
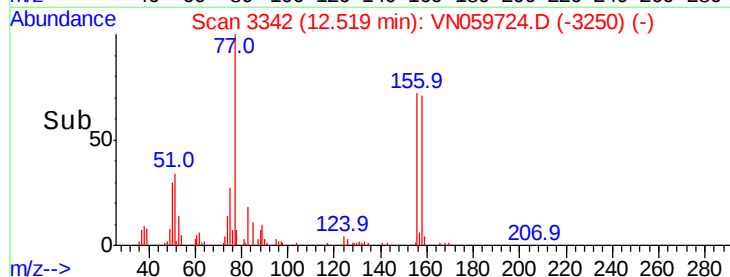
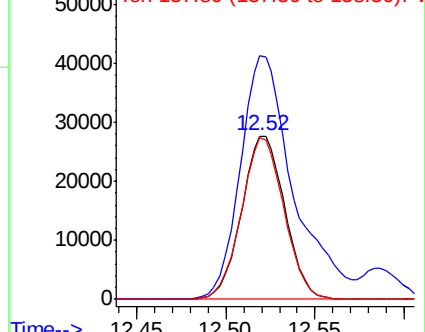


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.469 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059724.D

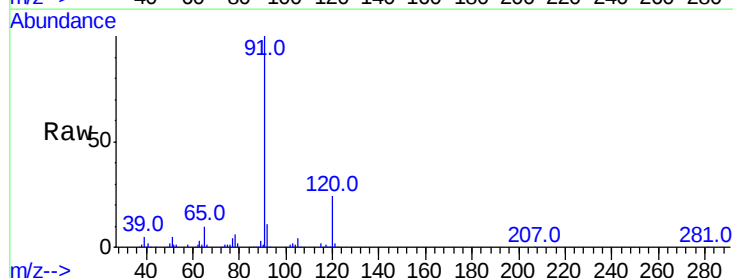
Acq: 16 Jan 2020 11:49

Tgt Ion: 91 Resp: 202567

Ion Ratio Lower Upper

91 100

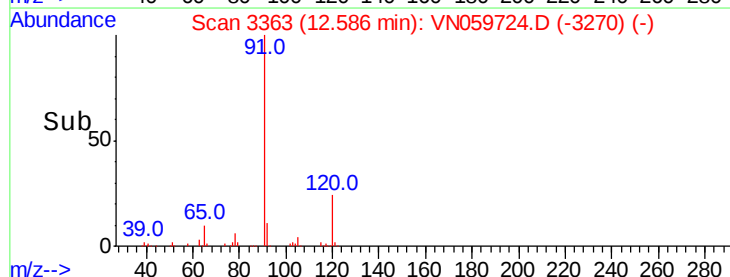
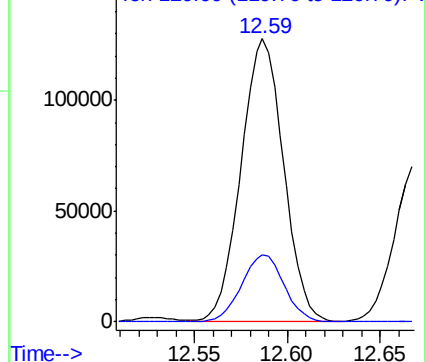
120 24.0 11.1 33.3

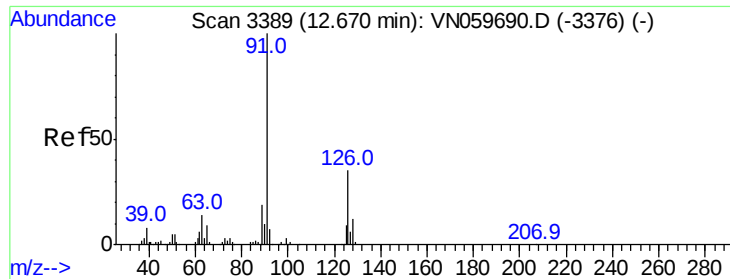


Abundance

Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

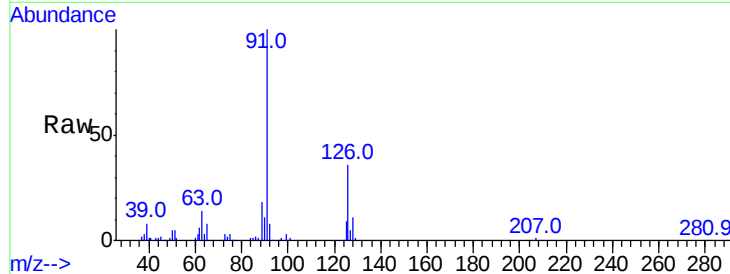




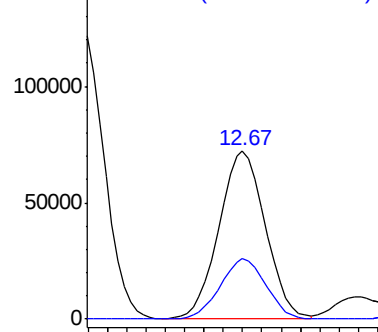
#79
 2-Chlorotoluene
 Concen: 17.281 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. 0.00 min
 Lab File: VN059724.D
 Acq: 16 Jan 2020 11:49

Instrument :
 MSVOA_N
 ClientSampled :
 VN0116WBS01

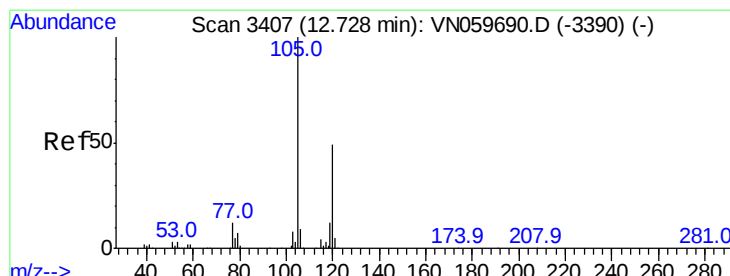
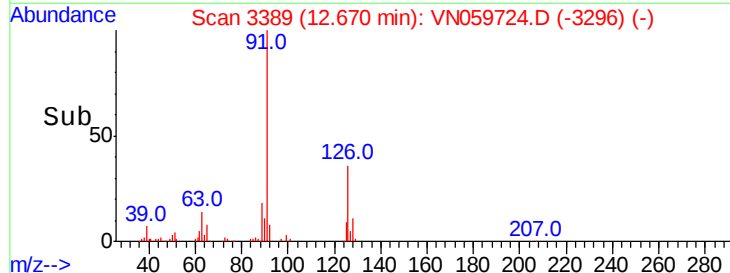
Tgt Ion: 91 Resp: 119209
 Ion Ratio Lower Upper
 91 100
 126 36.0 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VN0
 Ion 125.90 (125.60 to 126.60): V

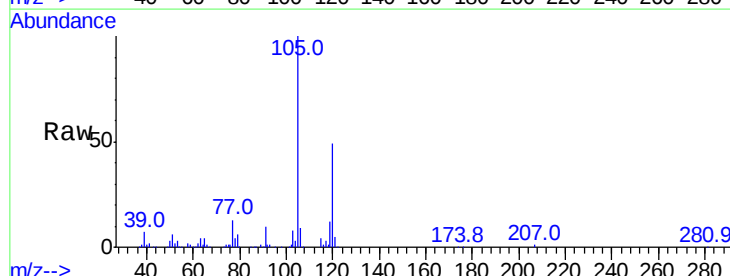


Time--> 12.60 12.65 12.70

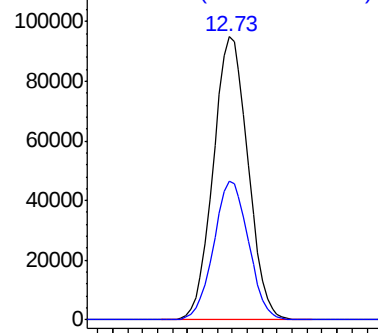


#80
 1,3,5-Trimethylbenzene
 Concen: 17.635 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN059724.D
 Acq: 16 Jan 2020 11:49

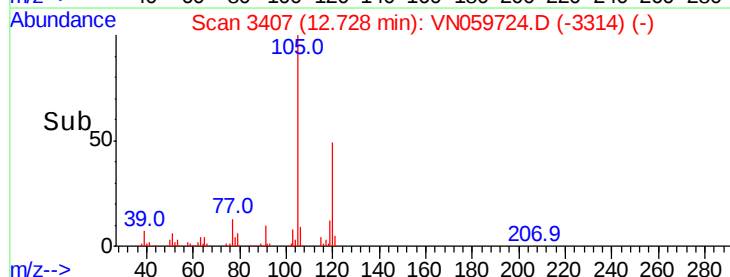
Tgt Ion: 105 Resp: 153221
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.1 72.4

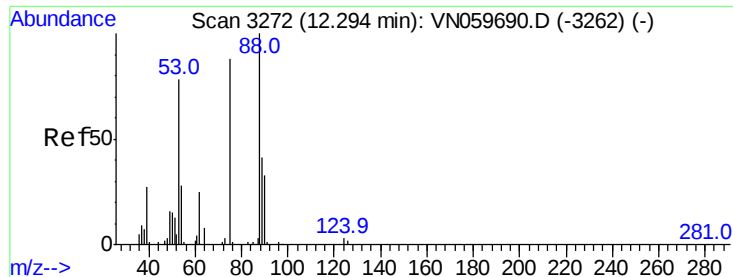


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V



Time--> 12.65 12.70 12.75 12.80

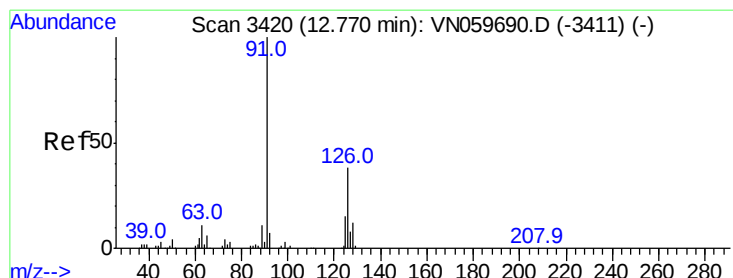
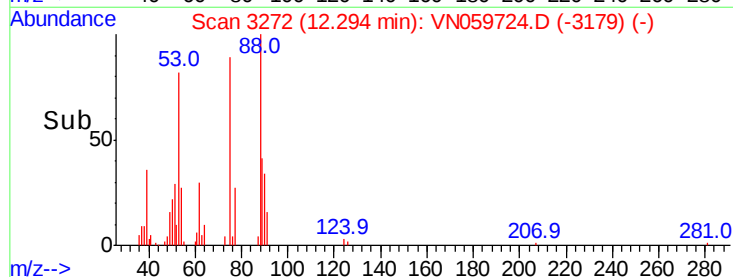
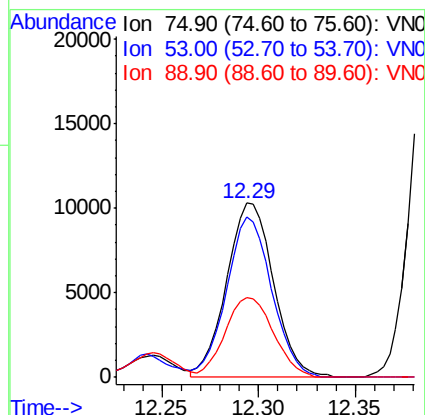
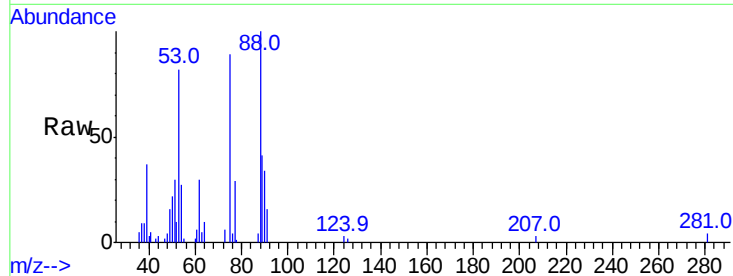




#81
trans-1,4-Dichloro-2-butene
Concen: 15.788 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. 0.00 min
Lab File: VN059724.D
Acq: 16 Jan 2020 11:49

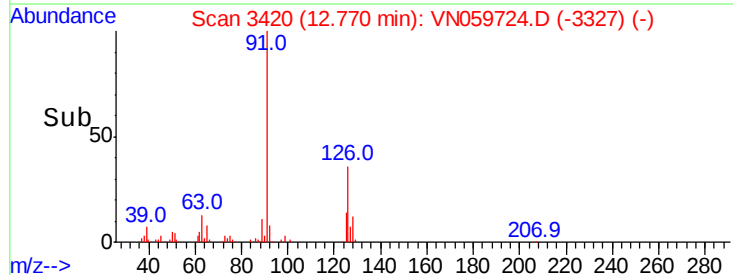
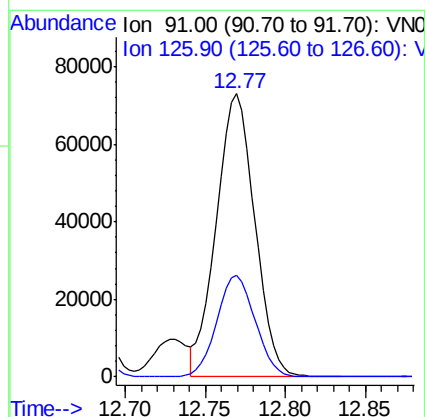
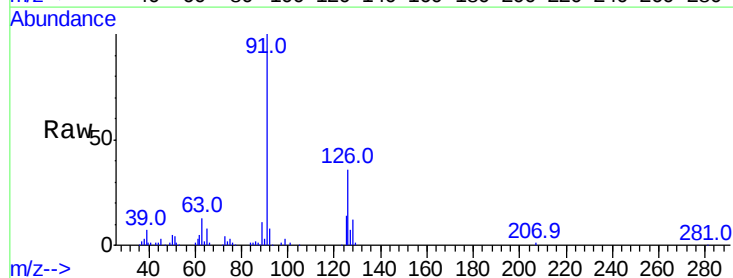
Instrument :
MSVOA_N
ClientSampleId :
VN0116WBS01

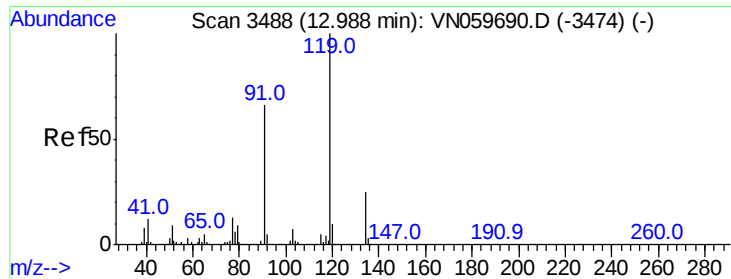
Tgt Ion: 75 Resp: 17428
Ion Ratio Lower Upper
75 100
53 88.6 78.1 117.1
89 47.0 35.4 53.2



#82
4-Chlorotoluene
Concen: 17.363 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN059724.D
Acq: 16 Jan 2020 11:49

Tgt Ion: 91 Resp: 120131
Ion Ratio Lower Upper
91 100
126 36.0 16.3 48.8

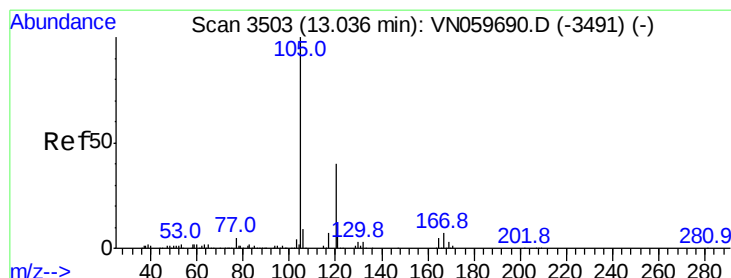
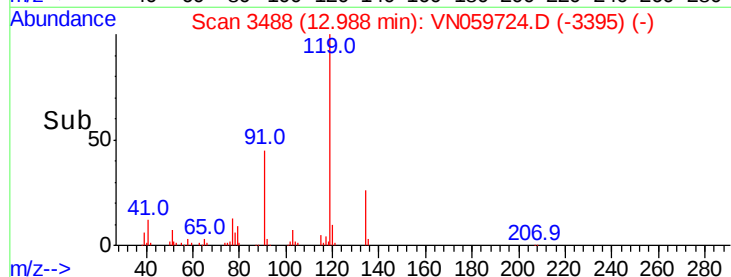
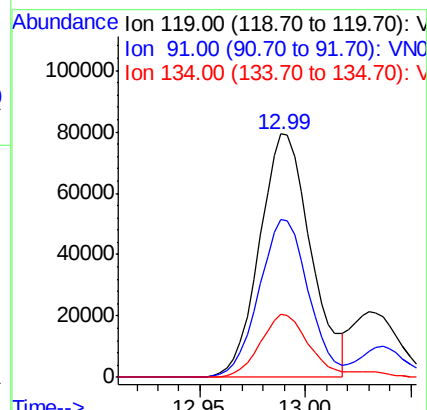
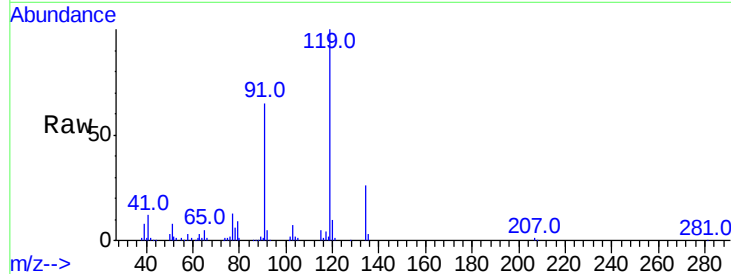




#83
 tert-Butylbenzene
 Concen: 17.834 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. 0.00 min
 Lab File: VN059724.D
 Acq: 16 Jan 2020 11:49

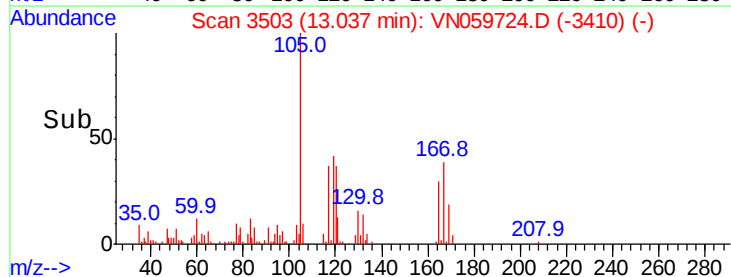
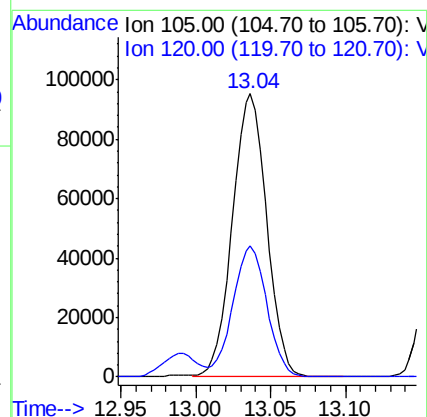
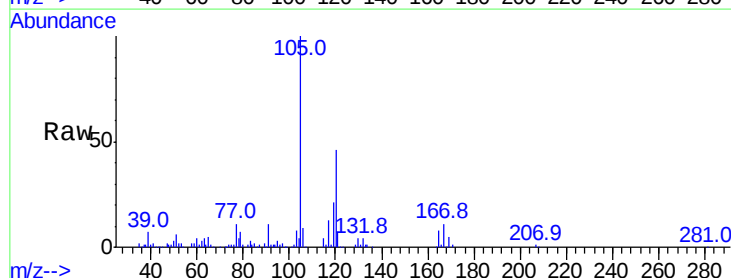
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0116WBS01

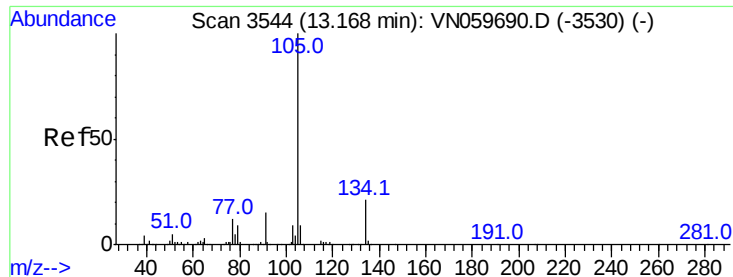
Tgt Ion:119 Resp: 134009
 Ion Ratio Lower Upper
 119 100
 91 62.5 34.8 104.4
 134 26.2 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 17.687 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN059724.D
 Acq: 16 Jan 2020 11:49

Tgt Ion:105 Resp: 152030
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.3 66.9

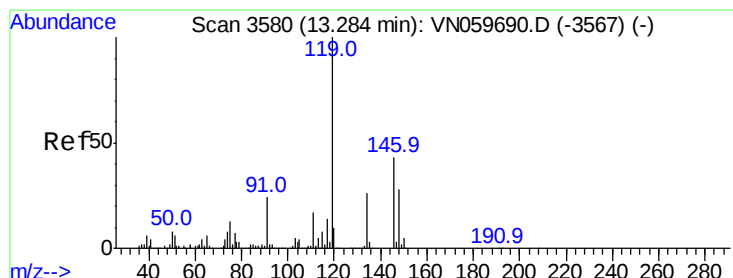
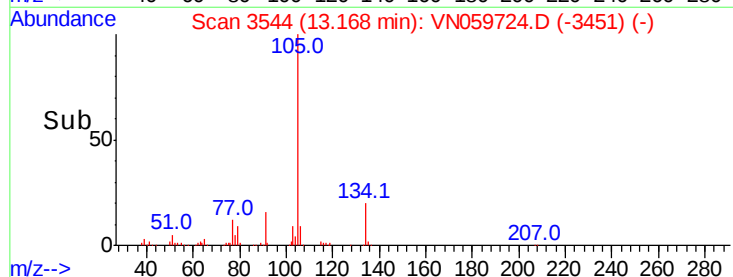
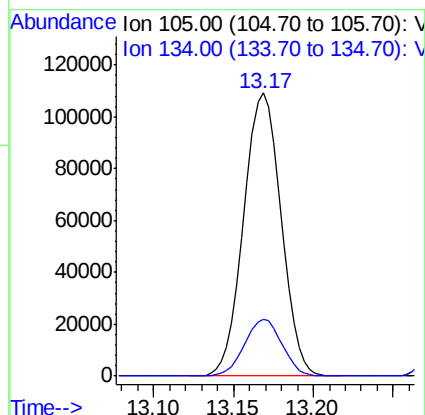
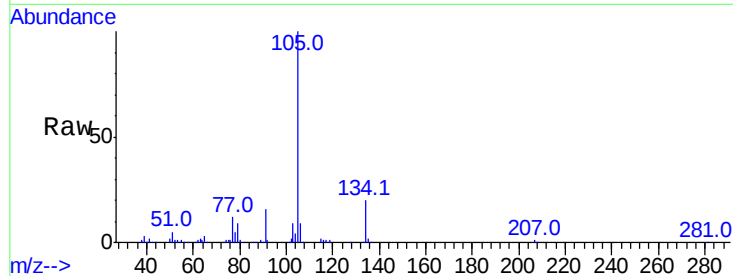




#85
 sec-Butylbenzene
 Concen: 17.676 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN059724.D
 Acq: 16 Jan 2020 11:49

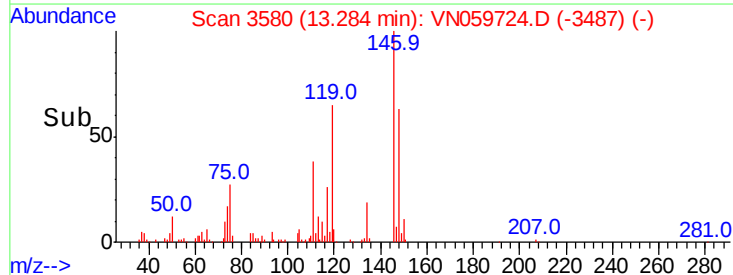
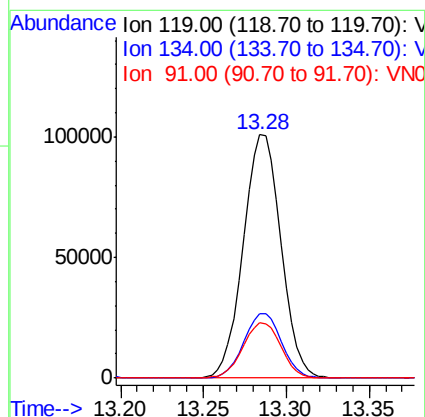
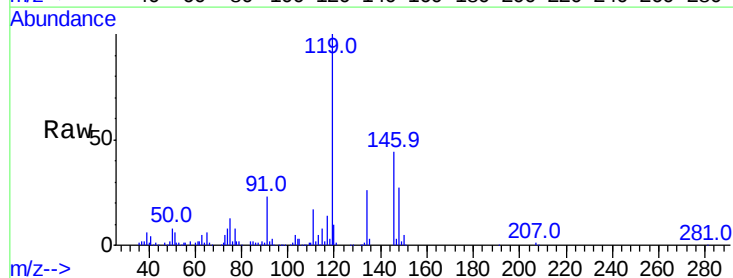
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0116WBS01

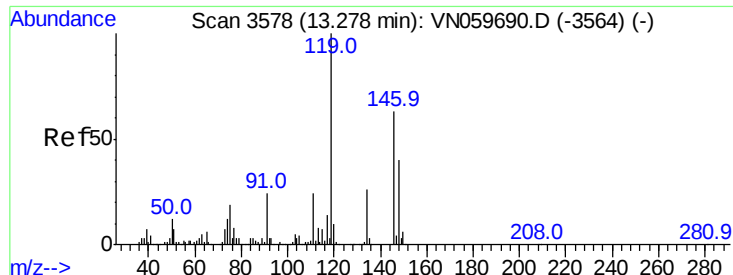
Tgt Ion:105 Resp: 174509
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 17.544 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN059724.D
 Acq: 16 Jan 2020 11:49

Tgt Ion:119 Resp: 160269
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.9 38.7
 91 23.1 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 17.660 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

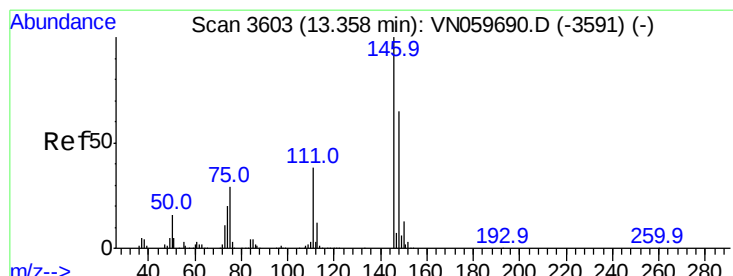
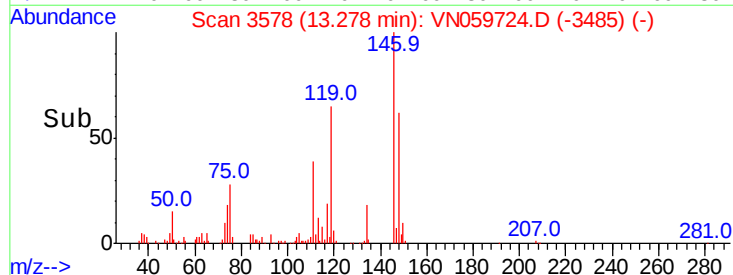
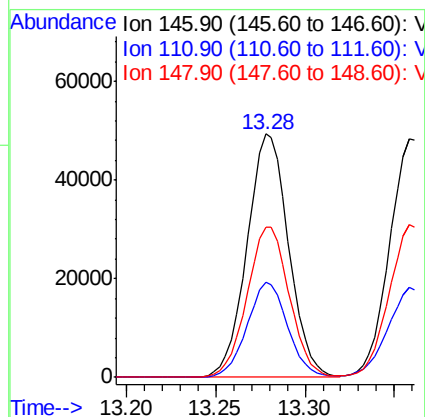
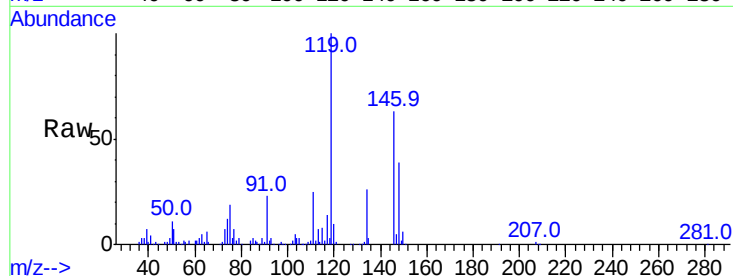
Lab File: VN059724.D

Acq: 16 Jan 2020 11:49

Instrument :
MSVOA_N
ClientSampled :
VN0116WBS01

Tgt Ion:146 Resp: 80257

Ion	Ratio	Lower	Upper
146	100		
111	38.3	20.8	62.2
148	62.7	32.0	96.0



#88

1,4-Dichlorobenzene

Concen: 17.716 ug/l

RT: 13.36 min Scan# 3603

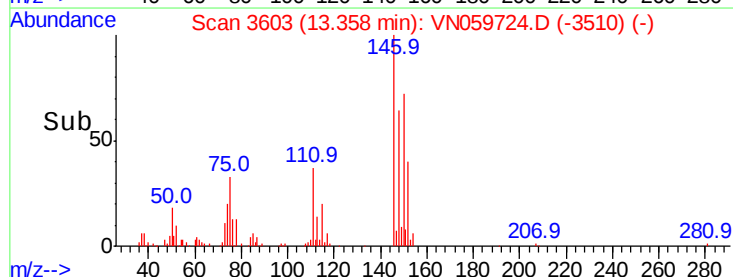
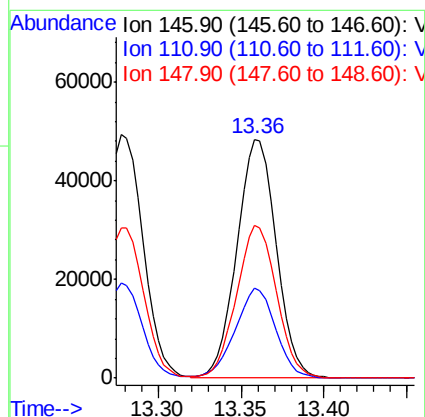
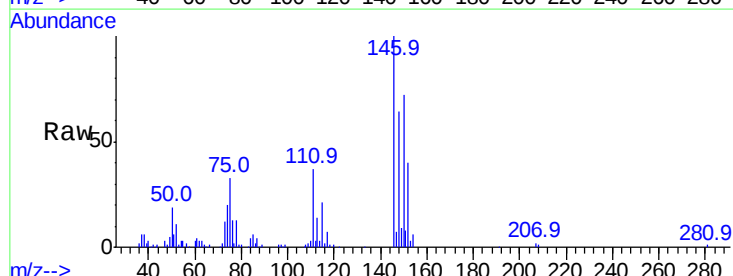
Delta R.T. 0.00 min

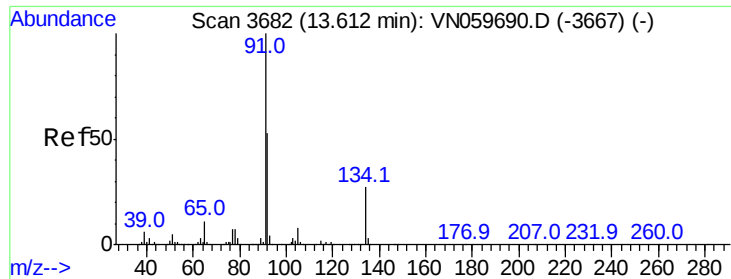
Lab File: VN059724.D

Acq: 16 Jan 2020 11:49

Tgt Ion:146 Resp: 80316

Ion	Ratio	Lower	Upper
146	100		
111	38.8	20.8	62.2
148	64.8	31.8	95.4

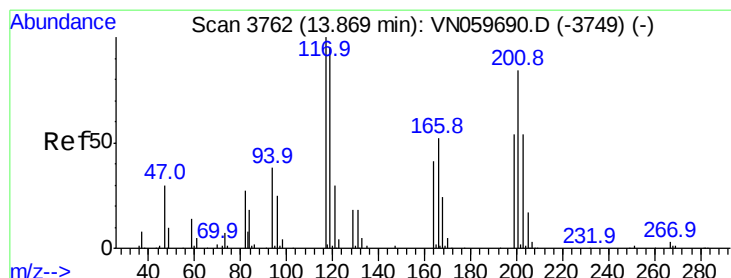
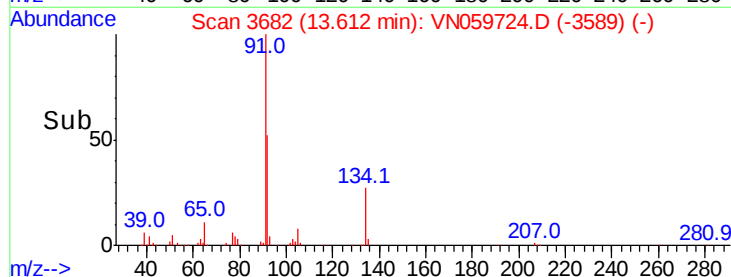
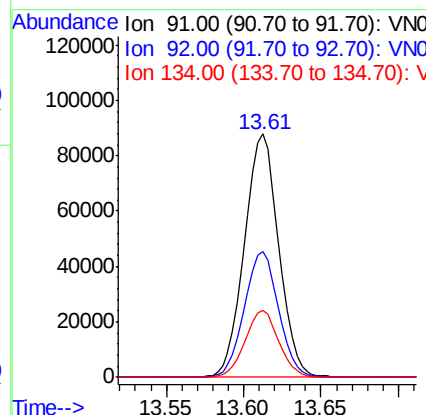
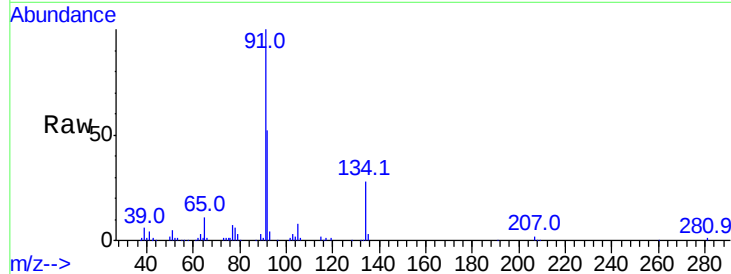




#89
n-Butylbenzene
Concen: 17.422 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN059724.D
Acq: 16 Jan 2020 11:49

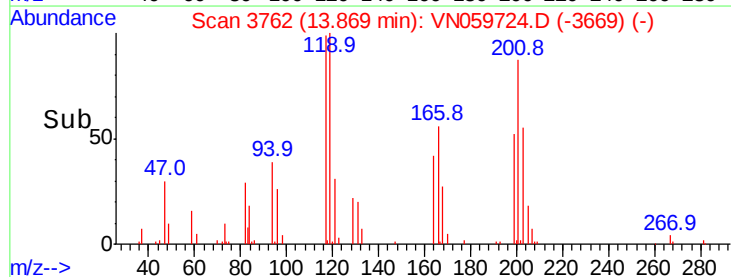
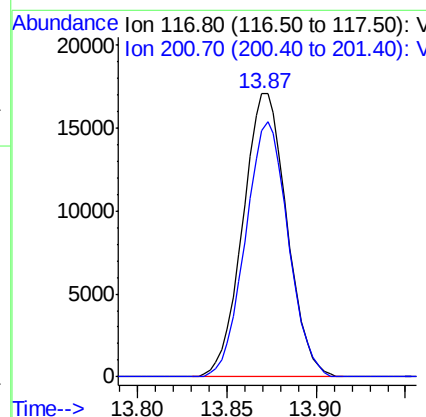
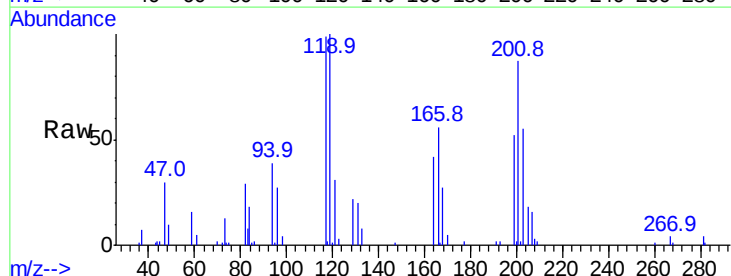
Instrument :
MSVOA_N
ClientSampleId :
VN0116WBS01

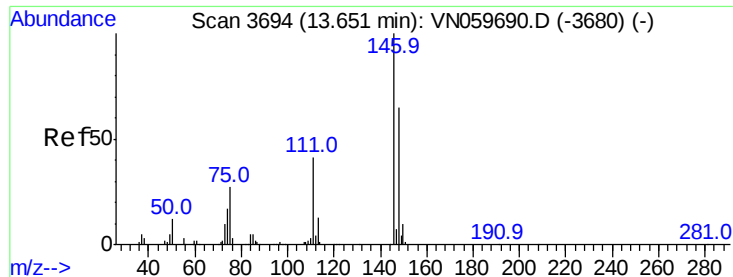
Tgt Ion:	91	Resp:	135700
Ion	Ratio	Lower	Upper
91	100		
92	51.6	25.9	77.7
134	27.0	12.3	36.8



#90
Hexachloroethane
Concen: 17.224 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN059724.D
Acq: 16 Jan 2020 11:49

Tgt Ion:	117	Resp:	29439
Ion	Ratio	Lower	Upper
117	100		
201	87.4	37.8	113.4

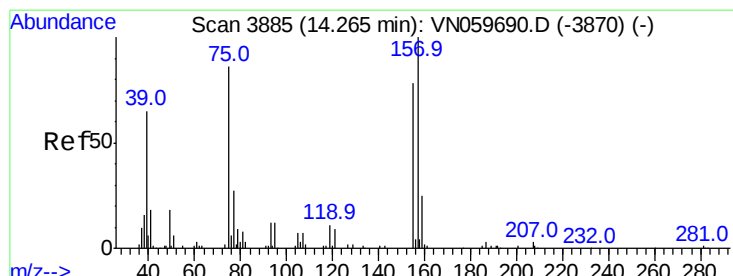
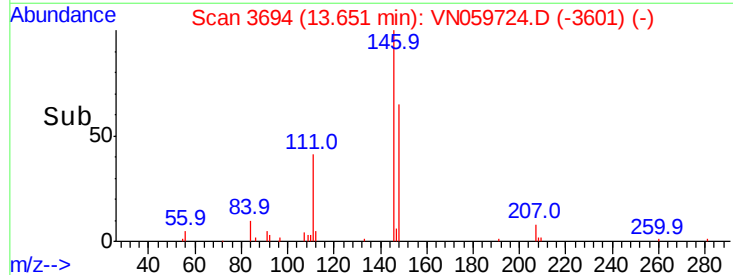
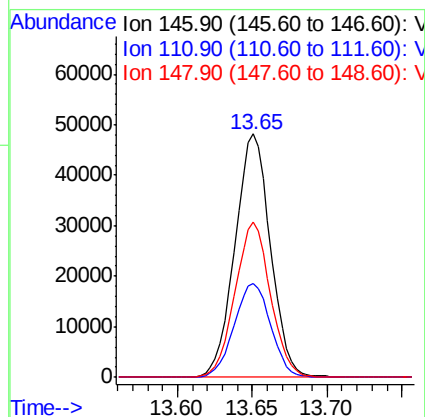
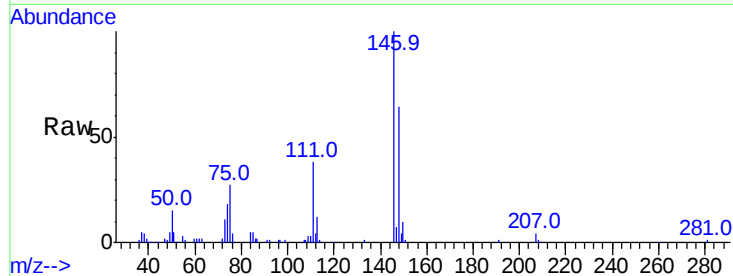




#91
 1,2-Dichlorobenzene
 Concen: 17.685 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN059724.D
 Acq: 16 Jan 2020 11:49

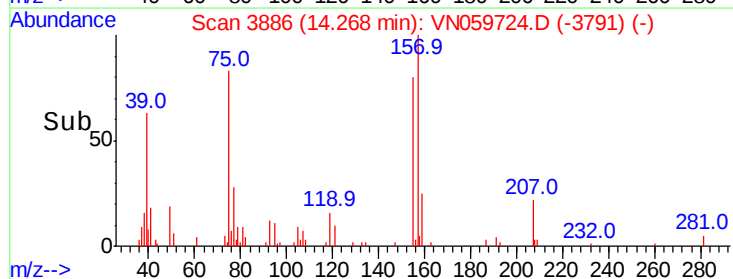
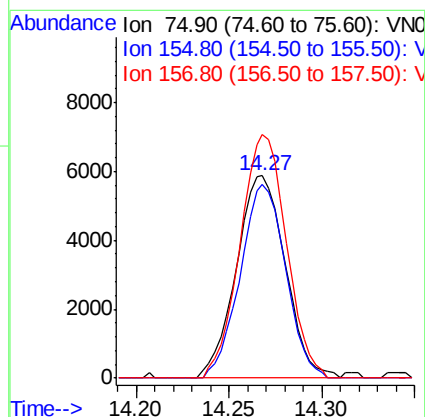
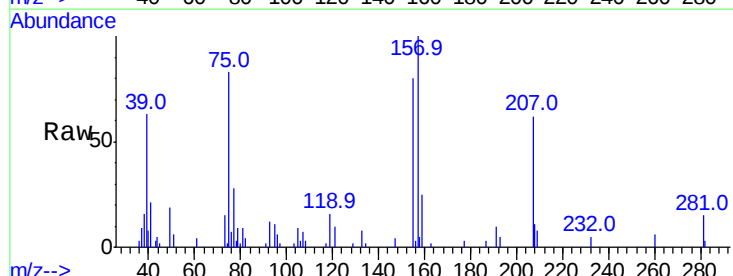
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0116WBS01

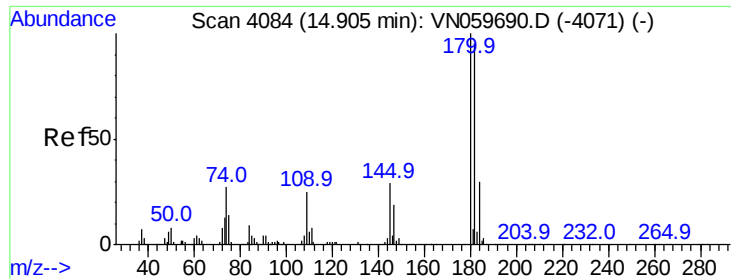
Tgt Ion:146 Resp: 79453
 Ion Ratio Lower Upper
 146 100
 111 39.7 21.6 64.8
 148 63.7 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.326 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN059724.D
 Acq: 16 Jan 2020 11:49

Tgt Ion: 75 Resp: 10783
 Ion Ratio Lower Upper
 75 100
 155 88.6 37.0 110.9
 157 113.6 48.4 145.2

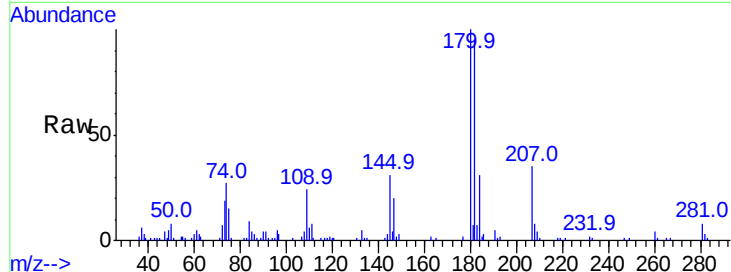




#93
 1,2,4-Trichlorobenzene
 Concen: 17.682 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN059724.D
 Acq: 16 Jan 2020 11:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0116WBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	46.9	140.7
145	30.5	15.0	45.1

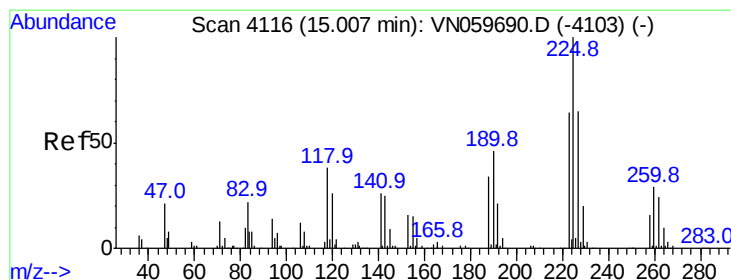
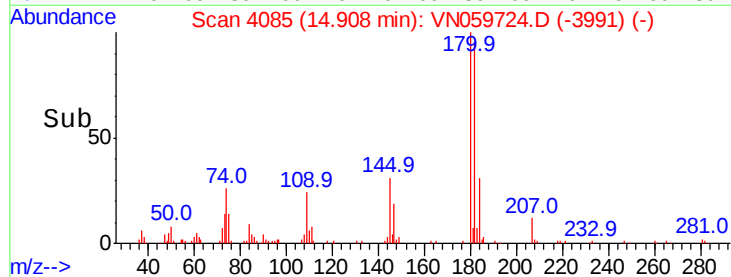
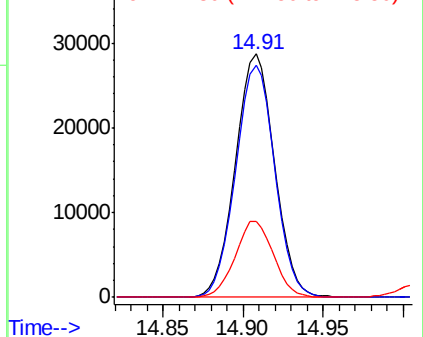


Abundance

Ion 179.80 (179.50 to 180.50): V

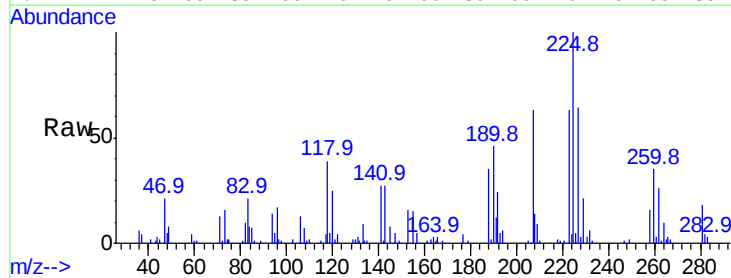
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 18.496 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059724.D
 Acq: 16 Jan 2020 11:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.8	95.3
227	64.2	32.1	96.5

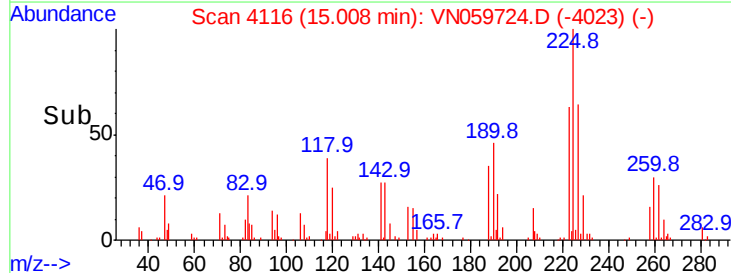
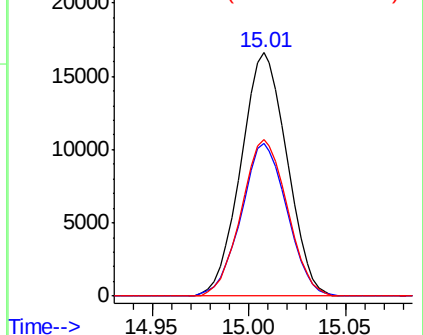


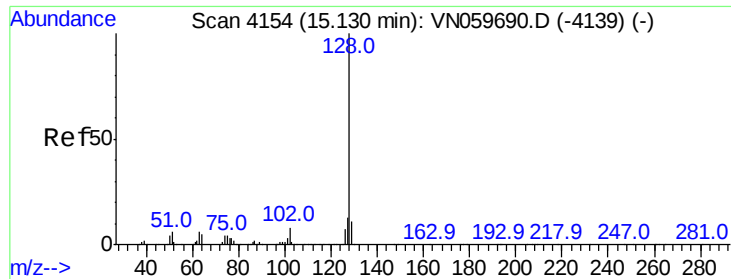
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 16.085 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059724.D

Acq: 16 Jan 2020 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN0116WBS01

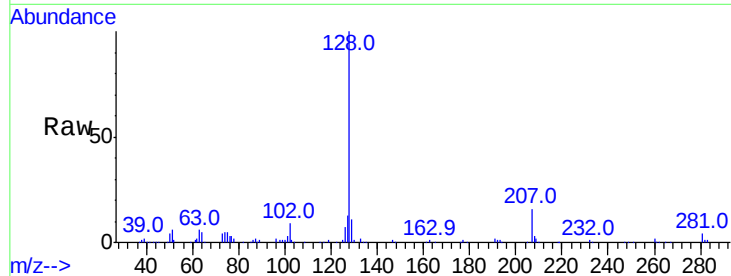
Tgt Ion:128 Resp: 123510

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.8 8.6 12.8

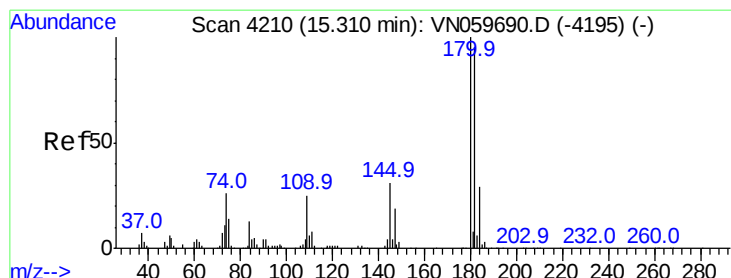
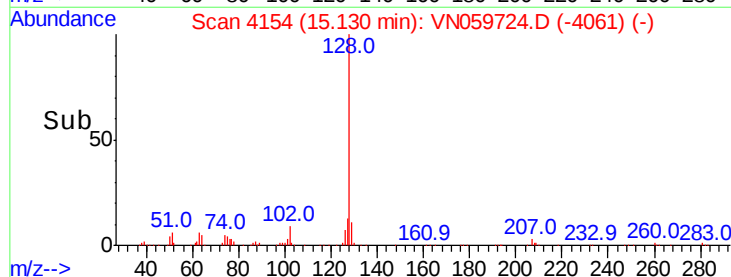
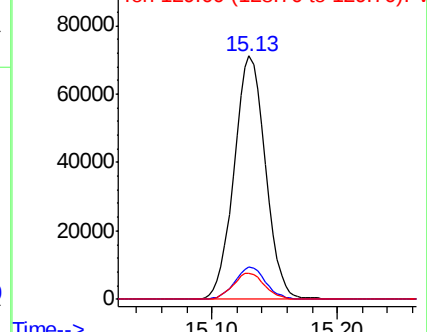


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.456 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN059724.D

Acq: 16 Jan 2020 11:49

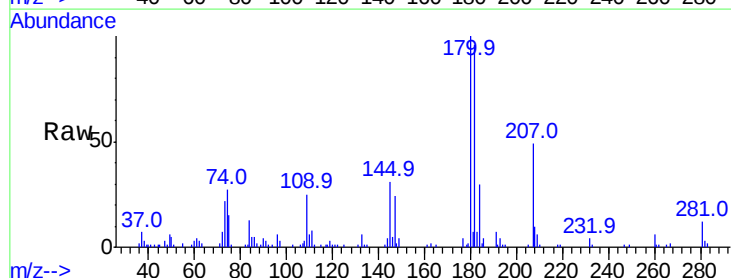
Tgt Ion:180 Resp: 45868

Ion Ratio Lower Upper

180 100

182 94.0 47.4 142.3

145 31.2 16.3 48.9



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

