

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011620\
 Data File : VN059732.D
 Acq On : 16 Jan 2020 15:18
 Operator : JC/MD
 Sample : VN0116WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0116WBSD01

Quant Time: Jan 17 04:37:27 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	201362	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	312923	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	282284	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	132487	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	109907	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
35) Dibromofluoromethane	7.57	113	94929	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
50) Toluene-d8	10.08	98	355786	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
62) 4-Bromofluorobenzene	12.40	95	125117	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	47742	19.794	ug/l	98
3) Chloromethane	2.04	50	45296	19.648	ug/l	99
4) Vinyl Chloride	2.17	62	56881	21.565	ug/l	97
5) Bromomethane	2.54	94	33783	20.987	ug/l	98
6) Chloroethane	2.68	64	25565	20.486	ug/l	99
7) Trichlorofluoromethane	3.00	101	65507	20.680	ug/l	99
8) Diethyl Ether	3.38	74	22769	20.481	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	3.74	101	37336	21.177	ug/l	92
10) Methyl Iodide	3.93	142	56657	19.881	ug/l	97
11) Tert butyl alcohol	4.73	59	37496	99.605	ug/l	98
12) 1,1-Dichloroethene	3.72	96	36432	19.776	ug/l	87
13) Acrolein	3.58	56	24037	90.202	ug/l	99
14) Allyl chloride	4.29	41	48161	19.395	ug/l #	83
15) Acrylonitrile	4.95	53	86571	100.815	ug/l	99
16) Acetone	3.78	43	73137	89.464	ug/l	94
17) Carbon Disulfide	4.03	76	101742	19.387	ug/l	100
18) Methyl Acetate	4.29	43	53186	20.362	ug/l	91
19) Methyl tert-butyl Ether	5.01	73	122757	20.437	ug/l	98
20) Methylene Chloride	4.52	84	41845	19.904	ug/l	89
21) trans-1,2-Dichloroethene	5.01	96	39516	20.179	ug/l	86
22) Diisopropyl ether	5.91	45	111577	19.828	ug/l	91
23) Vinyl Acetate	5.86	43	434056	99.626	ug/l #	94
24) 1,1-Dichloroethane	5.82	63	68816	20.014	ug/l	97
25) 2-Butanone	6.80	43	114405	90.344	ug/l	91
26) 2,2-Dichloropropane	6.80	77	63148	19.103	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	44771	19.877	ug/l	87
28) Bromochloromethane	7.17	49	27054	19.686	ug/l #	75
29) Tetrahydrofuran	7.18	42	75775	96.713	ug/l #	86
30) Chloroform	7.35	83	71944	20.194	ug/l	98
31) Cyclohexane	7.63	56	64296	19.433	ug/l	88
32) 1,1,1-Trichloroethane	7.55	97	67451	20.477	ug/l	96
36) 1,1-Dichloropropene	7.77	75	53034	19.462	ug/l	96
37) Ethyl Acetate	6.90	43	48501	18.976	ug/l	96
38) Carbon Tetrachloride	7.75	117	59158	19.957	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	65487	19.490	ug/l	94
40) Benzene	8.02	78	159030	19.568	ug/l	100
41) Methacrylonitrile	7.18	41	70745	56.196	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	55935	20.299	ug/l	96
43) Isopropyl Acetate	8.14	43	83674	19.033	ug/l #	95
44) Trichloroethene	8.82	130	45910	20.693	ug/l	94
45) 1,2-Dichloropropane	9.10	63	40578	20.177	ug/l	98
46) Dibromomethane	9.19	93	28570	20.139	ug/l	90
47) Bromodichloromethane	9.39	83	56185	19.654	ug/l	98
48) Methyl methacrylate	9.18	41	37282	18.960	ug/l	90
49) 1,4-Dioxane	9.18	88	15316	425.472	ug/l	92
51) 4-Methyl-2-Pentanone	9.97	43	244552	96.231	ug/l	96
52) Toluene	10.14	92	103005	20.065	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	62396	19.548	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	66806	19.891	ug/l	94
55) 1,1,2-Trichloroethane	10.55	97	40817	20.076	ug/l	97
56) Ethyl methacrylate	10.42	69	60195	19.376	ug/l	91
57) 1,3-Dichloropropane	10.70	76	64682	20.039	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	98819	105.606	ug/l #	90
59) 2-Hexanone	10.74	43	174282	93.090	ug/l	94
60) Dibromochloromethane	10.89	129	46268	19.984	ug/l	100
61) 1,2-Dibromoethane	11.00	107	42642	20.011	ug/l	99
64) Tetrachloroethene	10.62	164	43701	18.995	ug/l	95
65) Chlorobenzene	11.43	112	109294	19.698	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	42825	19.975	ug/l	96
67) Ethyl Benzene	11.50	91	198405	19.698	ug/l	97
68) m/p-Xylenes	11.62	106	150027	39.433	ug/l	94
69) o-Xylene	11.94	106	74032	19.876	ug/l	93
70) Styrene	11.96	104	119193	19.123	ug/l	97
71) Bromoform	12.12	173	33535	19.528	ug/l #	97
73) Isopropylbenzene	12.25	105	198314	20.410	ug/l	100
74) N-amyl acetate	12.06	43	70617	18.730	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.50	83	56241	19.966	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	74447	33.390	ug/l #	100
77) Bromobenzene	12.52	156	49667	20.185	ug/l	81
78) n-propylbenzene	12.59	91	218216	20.009	ug/l	97
79) 2-Chlorotoluene	12.67	91	128972	19.879	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	162652	19.905	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	19218	18.510	ug/l	96
82) 4-Chlorotoluene	12.77	91	131293	20.176	ug/l	96
83) tert-Butylbenzene	12.99	119	142393	20.148	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	162990	20.161	ug/l	99
85) sec-Butylbenzene	13.17	105	184676	19.889	ug/l	99
86) p-Isopropyltoluene	13.28	119	170595	19.855	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	86917	20.335	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	85438	20.037	ug/l	97
89) n-Butylbenzene	13.61	91	140041	19.116	ug/l	98
90) Hexachloroethane	13.87	117	32077	19.954	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	86102	20.377	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	12508	19.410	ug/l	84

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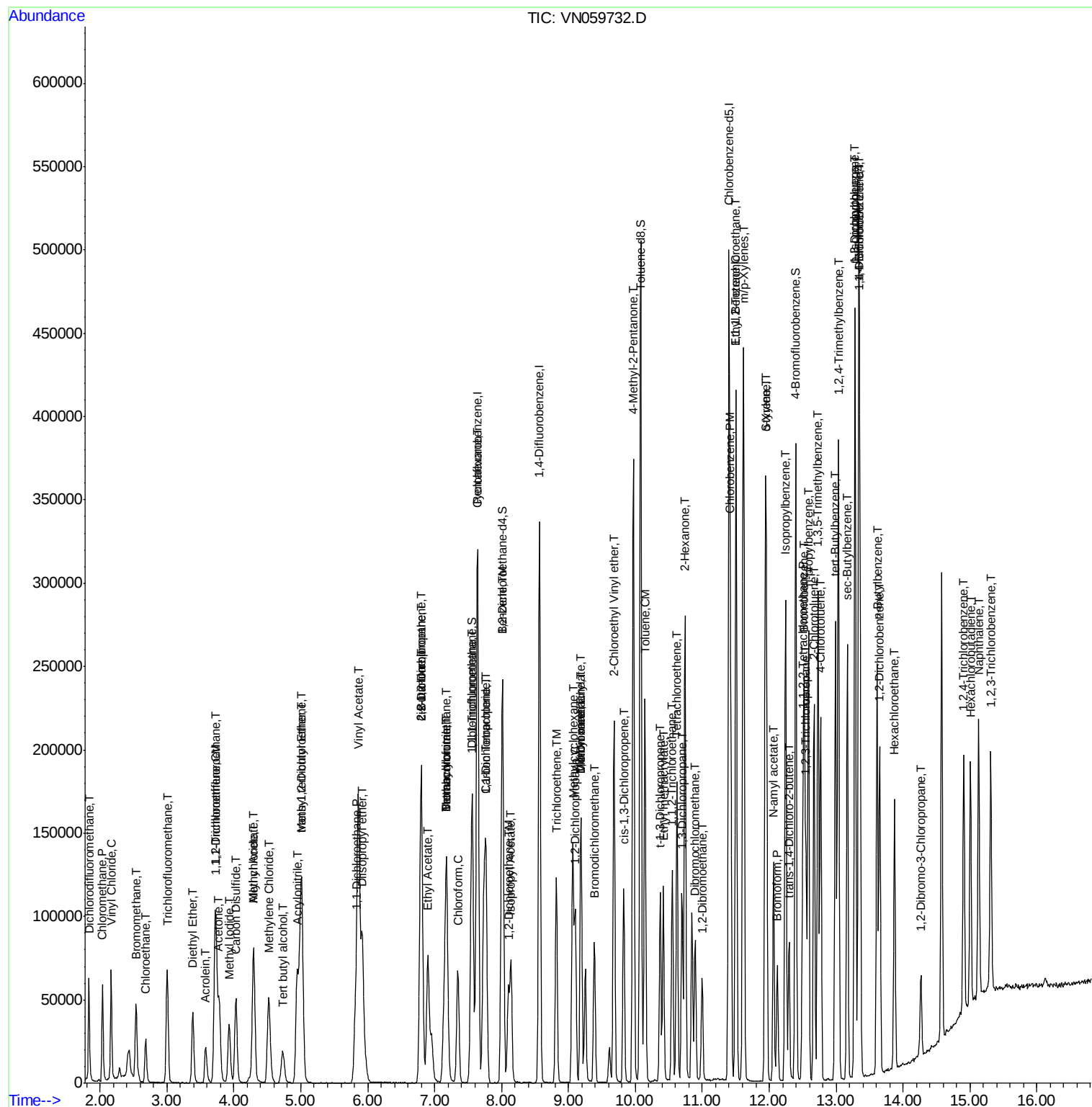
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	51761	20.386	ug/l	100
94) Hexachlorobutadiene	15.01	225	28373	20.278	ug/l	99
95) Naphthalene	15.13	128	143224	19.832	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	49238	19.923	ug/l	99

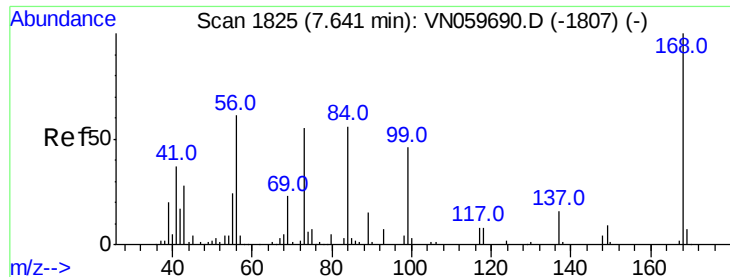
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059732.D

Acq: 16 Jan 2020 15:18

Instrument :

MSVOA_N

ClientSampleId :

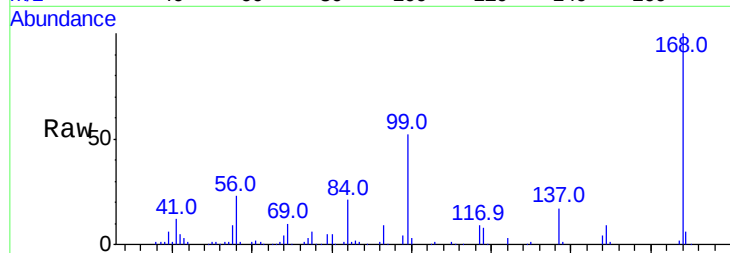
VN0116WBSD01

Tgt Ion:168 Resp: 201362

Ion Ratio Lower Upper

168 100

99 51.9 48.2 72.4

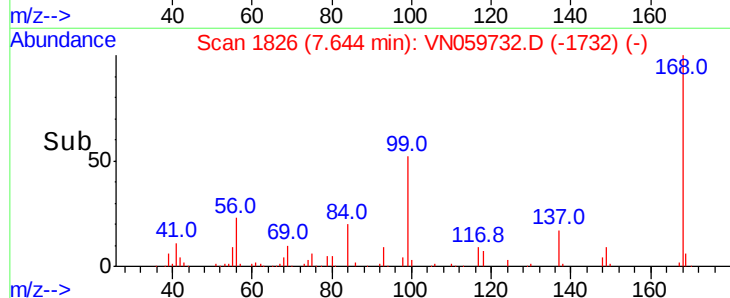


Abundance Ion 167.90 (167.60 to 168.60): VN0

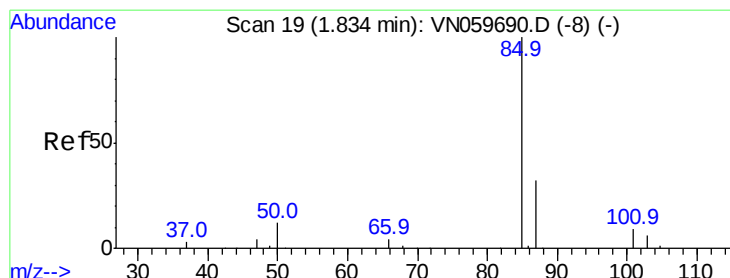
Ion 98.90 (98.60 to 99.60): VN0

7.64

Time-->



Time-->



#2

Dichlorodifluoromethane

Concen: 19.794 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059732.D

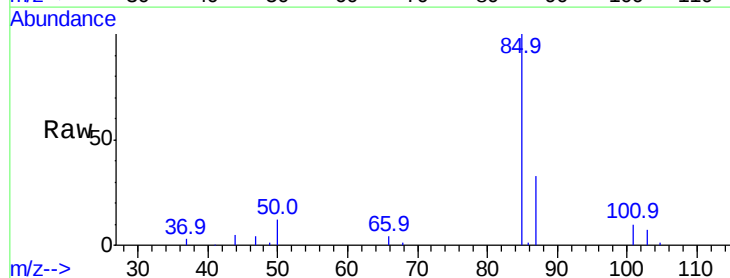
Acq: 16 Jan 2020 15:18

Tgt Ion: 85 Resp: 47742

Ion Ratio Lower Upper

85 100

87 33.0 15.9 47.7

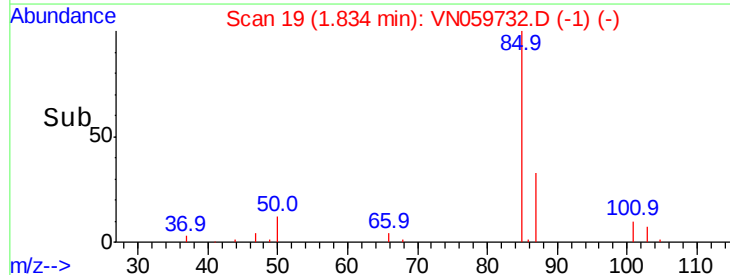


Abundance Ion 84.90 (84.60 to 85.60): VN0

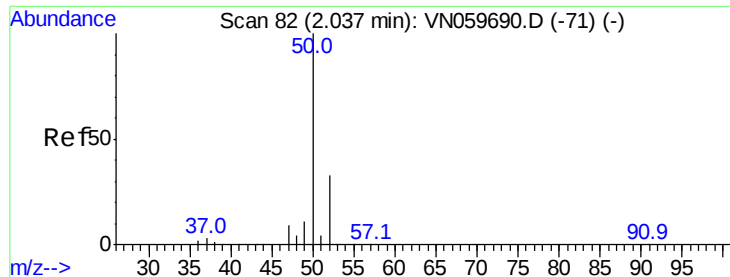
Ion 86.90 (86.60 to 87.60): VN0

1.83

Time-->



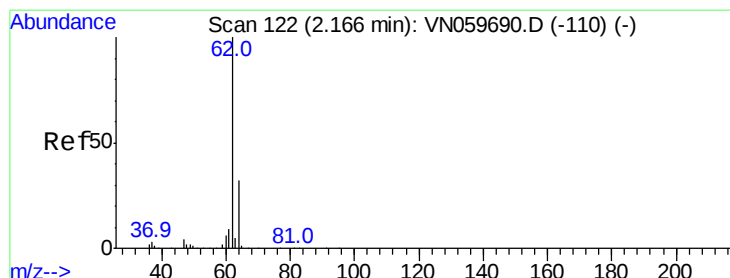
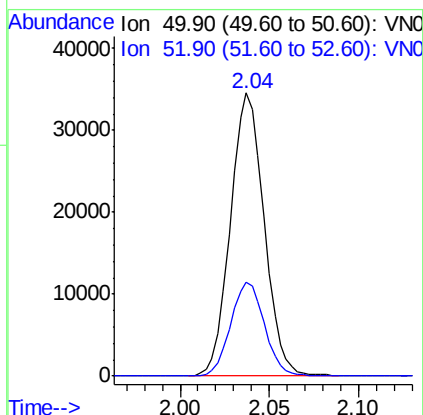
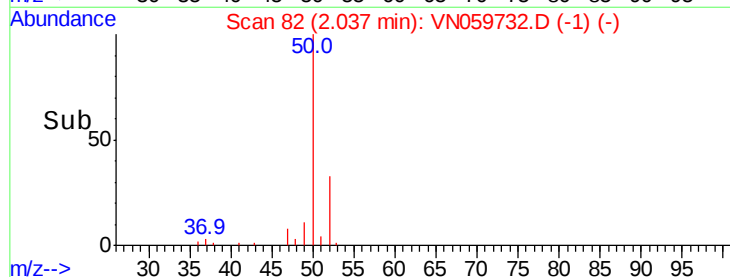
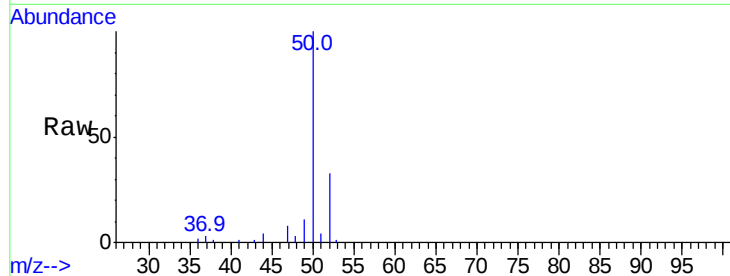
Time-->



#3
Chloromethane
Concen: 19.648 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN059732.D
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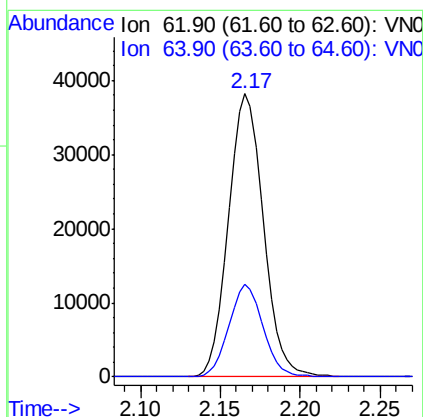
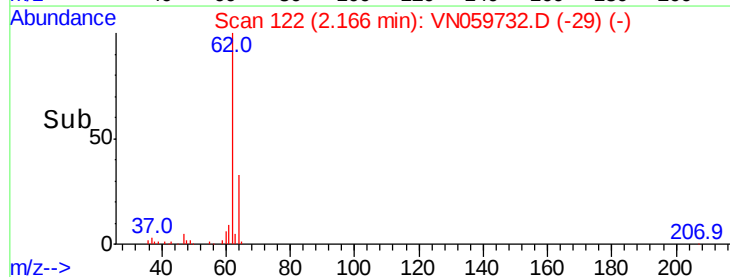
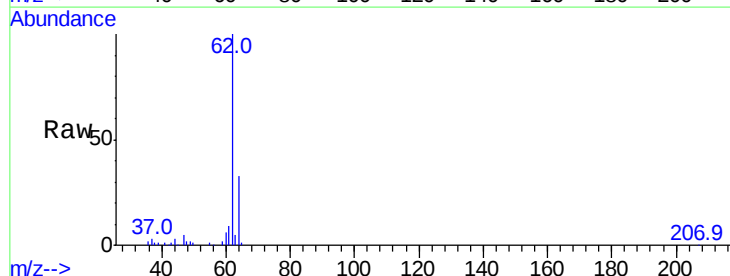
Instrument :
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ClientSampleId :
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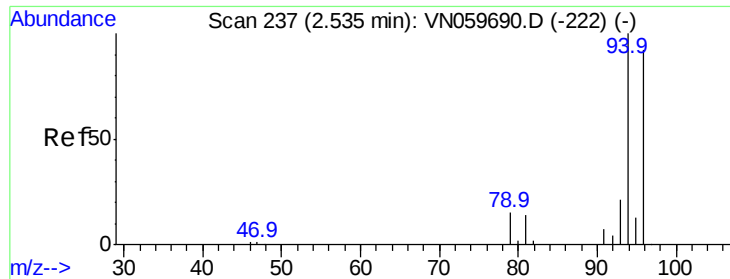
Tgt Ion: 50 Resp: 45296
Ion Ratio Lower Upper
50 100
52 33.0 25.9 38.9



#4
Vinyl Chloride
Concen: 21.565 ug/l
RT: 2.17 min Scan# 122
Delta R.T. 0.00 min
Lab File: VN059732.D
Acq: 16 Jan 2020 15:18

Tgt Ion: 62 Resp: 56881
Ion Ratio Lower Upper
62 100
64 32.5 24.6 37.0

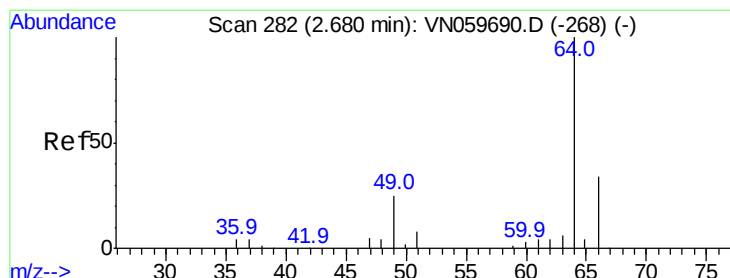
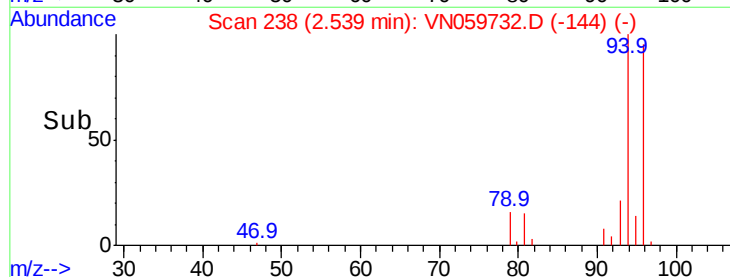
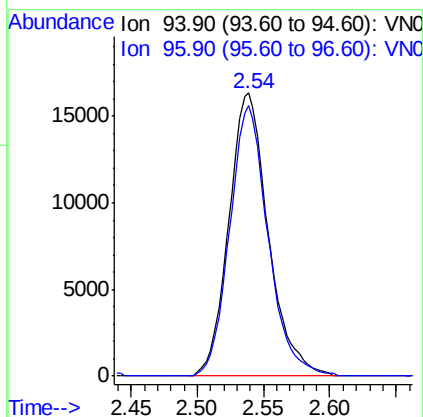
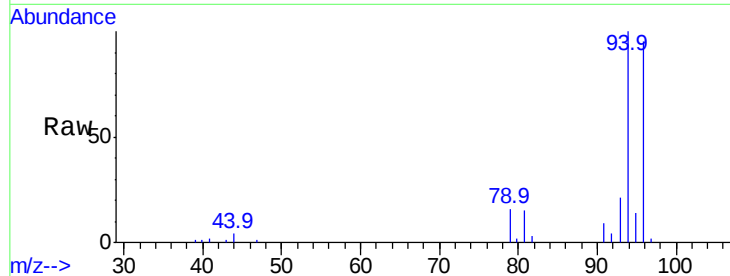




#5
Bromomethane
Concen: 20.987 ug/l
RT: 2.54 min Scan# 238
Delta R.T. 0.00 min
Lab File: VN059732.D
Acq: 16 Jan 2020 15:18

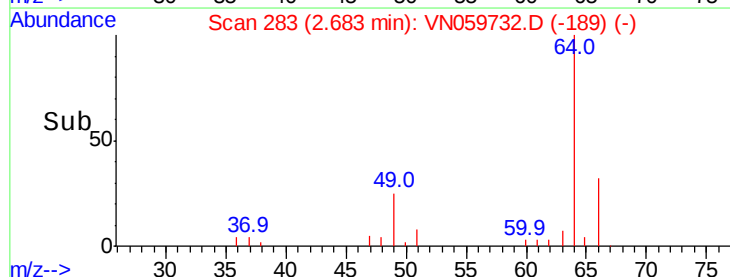
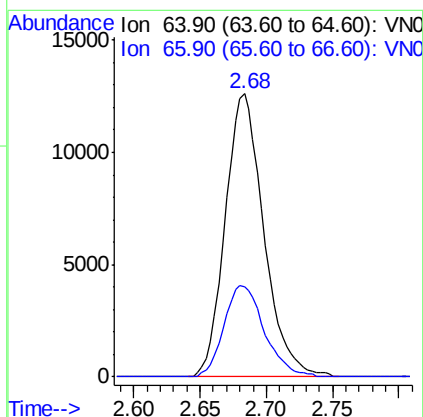
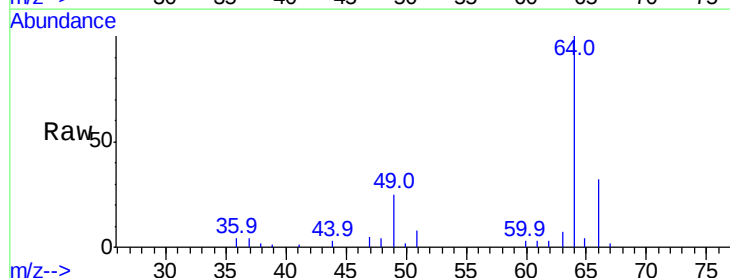
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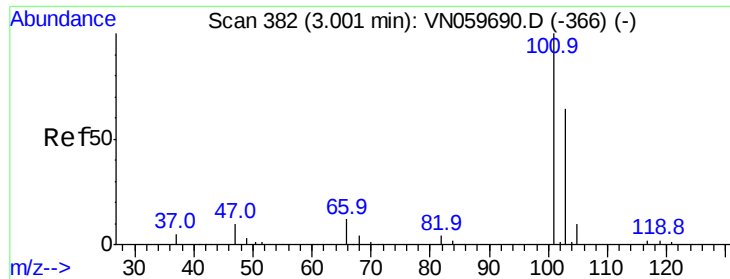
Tgt Ion: 94 Resp: 33783
Ion Ratio Lower Upper
94 100
96 95.4 74.7 112.1



#6
Chloroethane
Concen: 20.486 ug/l
RT: 2.68 min Scan# 283
Delta R.T. 0.00 min
Lab File: VN059732.D
Acq: 16 Jan 2020 15:18

Tgt Ion: 64 Resp: 25565
Ion Ratio Lower Upper
64 100
66 32.0 25.1 37.7



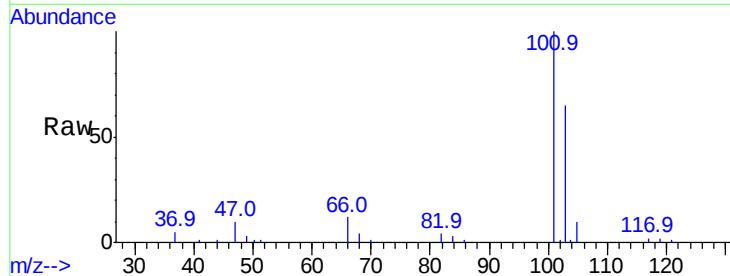


#7

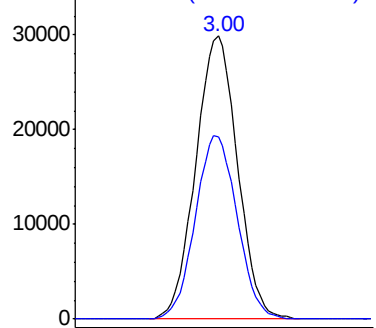
Trichlorofluoromethane
 Concen: 20.680 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN059732.D
 Acq: 16 Jan 2020 15:18

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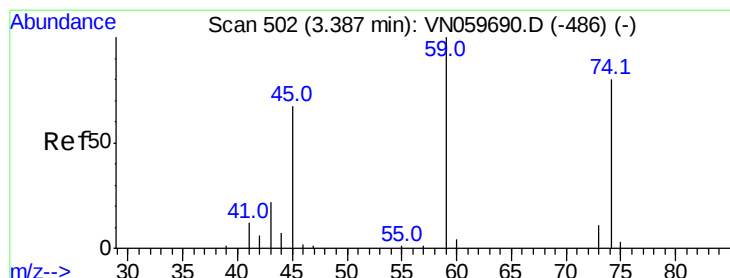
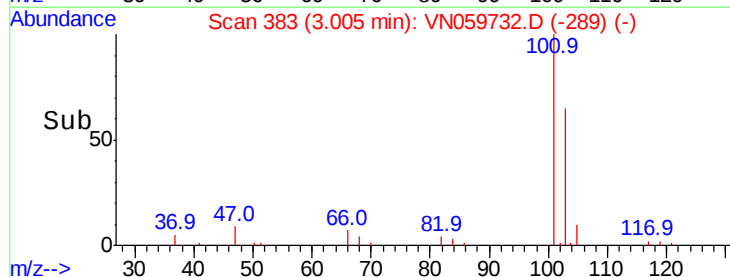
Tgt Ion:101 Resp: 65507
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.0 76.6



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



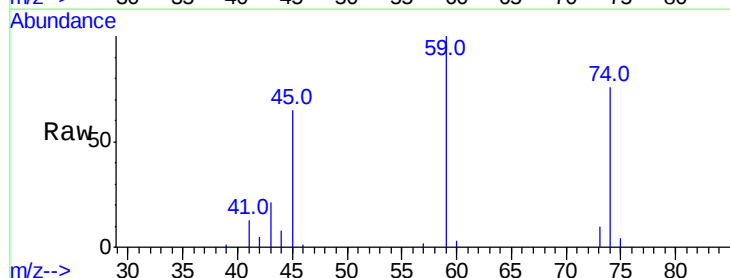
Time--> 2.90 2.95 3.00 3.05 3.10



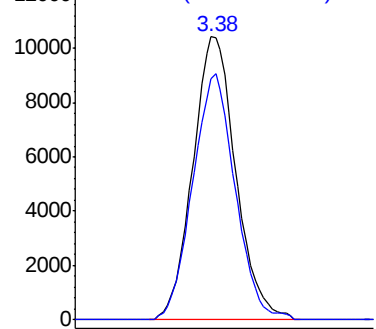
#8

Diethyl Ether
 Concen: 20.481 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN059732.D
 Acq: 16 Jan 2020 15:18

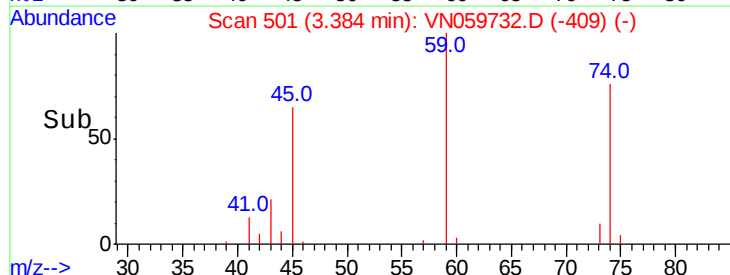
Tgt Ion: 74 Resp: 22769
 Ion Ratio Lower Upper
 74 100
 45 86.0 51.9 155.8

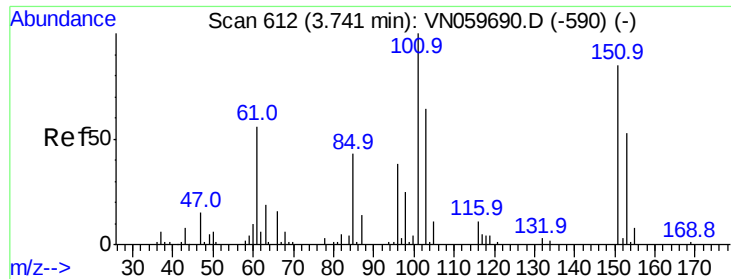


Abundance Ion 74.00 (73.70 to 74.70): VNO
 Ion 45.00 (44.70 to 45.70): VNO



Time--> 3.30 3.35 3.40 3.45

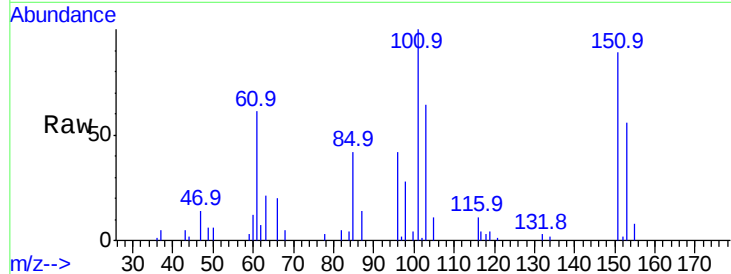




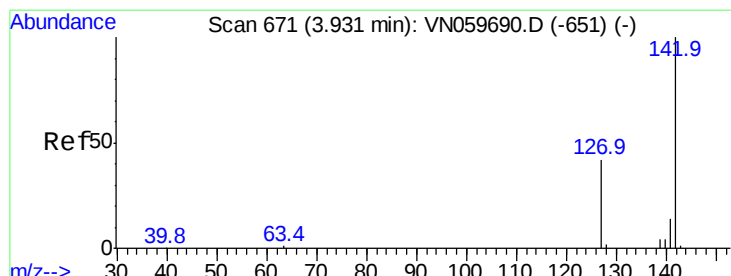
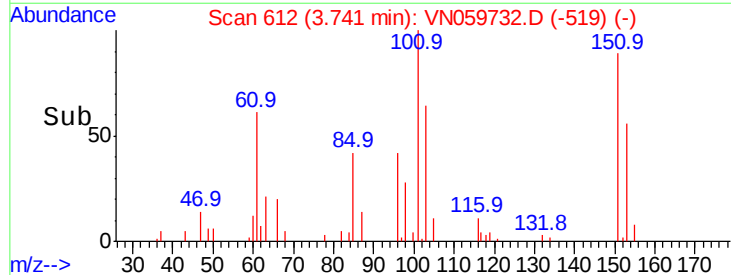
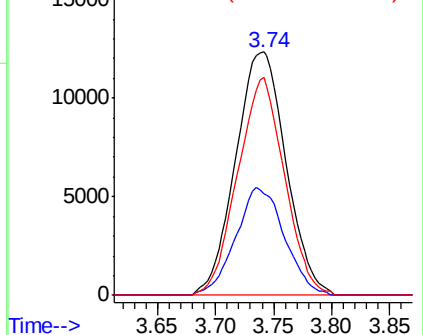
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.177 ug/l
RT: 3.74 min Scan# 612
Delta R.T. 0.00 min
Lab File: VN059732.D
Acq: 16 Jan 2020 15:18

Instrument :
MSVOA_N
ClientSampleId :
VN0116WBSD01

Tgt Ion:101 Resp: 37336
Ion Ratio Lower Upper
101 100
85 42.7 36.6 54.8
151 82.9 59.7 89.5

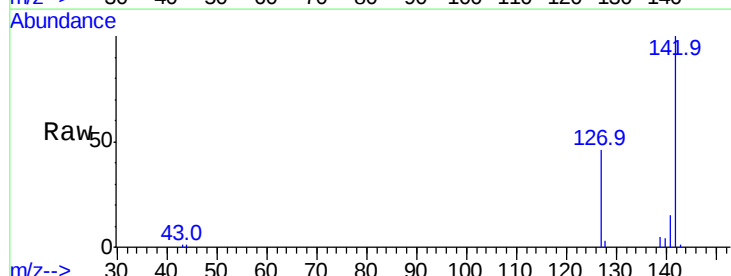


Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VN
Ion 150.80 (150.50 to 151.50): V

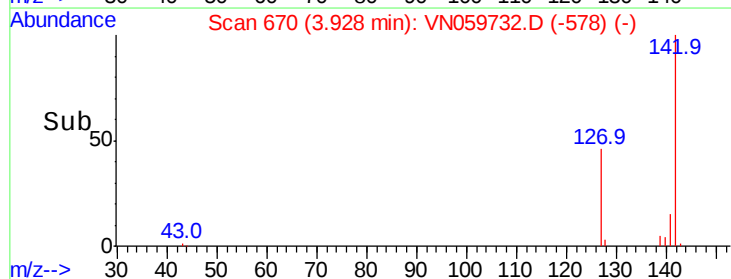
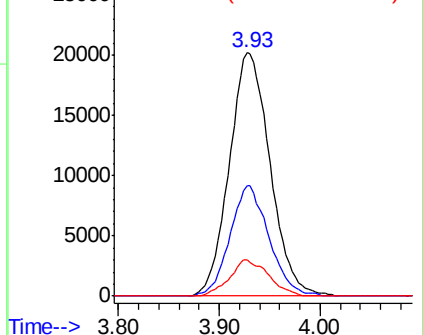


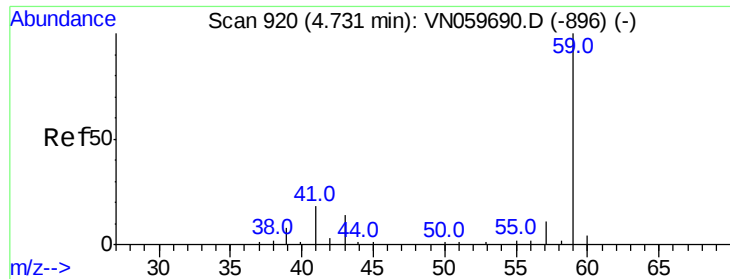
#10
Methyl Iodide
Concen: 19.881 ug/l
RT: 3.93 min Scan# 670
Delta R.T. -0.00 min
Lab File: VN059732.D
Acq: 16 Jan 2020 15:18

Tgt Ion:142 Resp: 56657
Ion Ratio Lower Upper
142 100
127 43.4 36.7 55.1
141 14.4 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

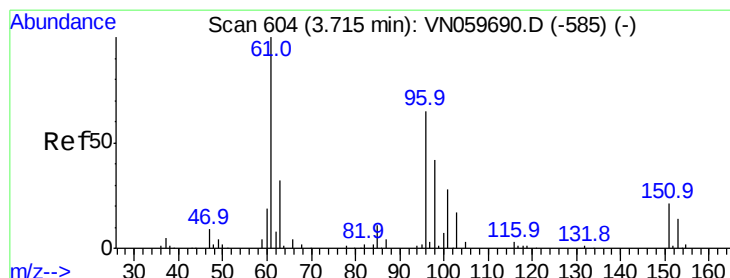
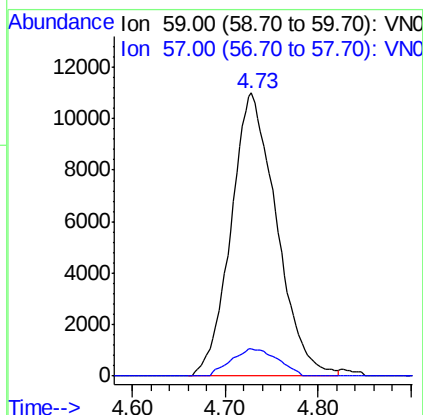
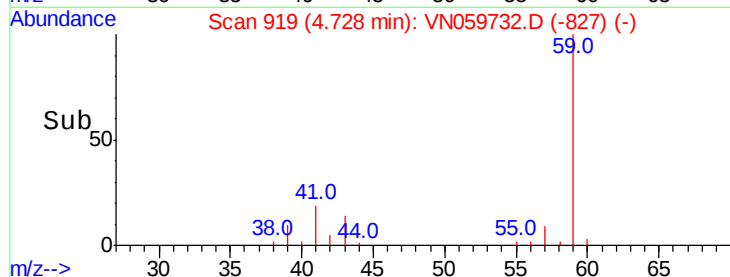
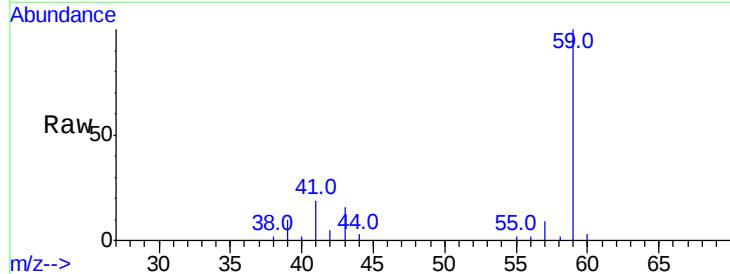




#11
Tert butyl alcohol
Concen: 99.605 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.00 min
Lab File: VN059732.D
Acq: 16 Jan 2020 15:18

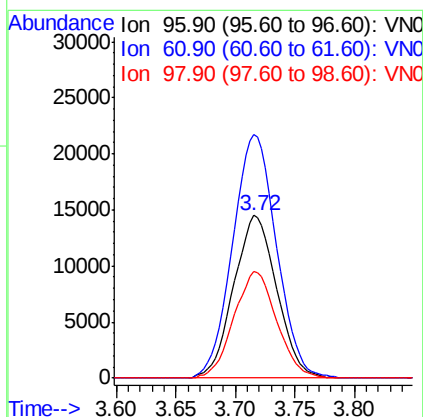
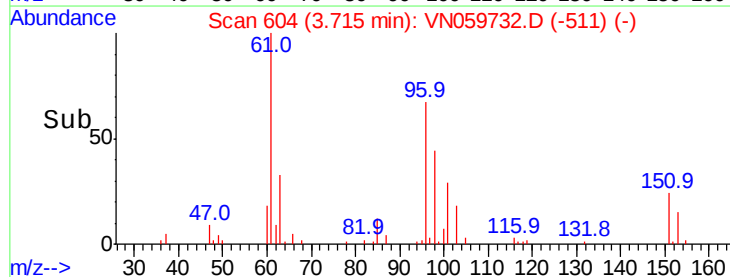
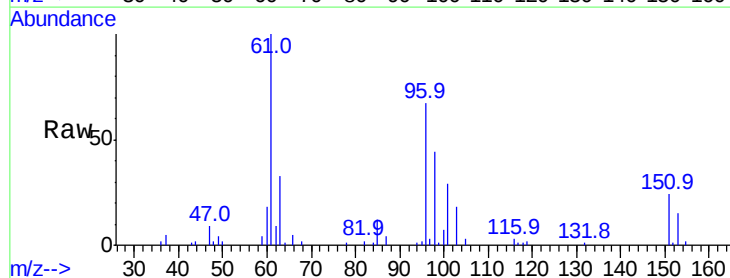
Instrument :
MSVOA_N
ClientSampleId :
VN0116WBSD01

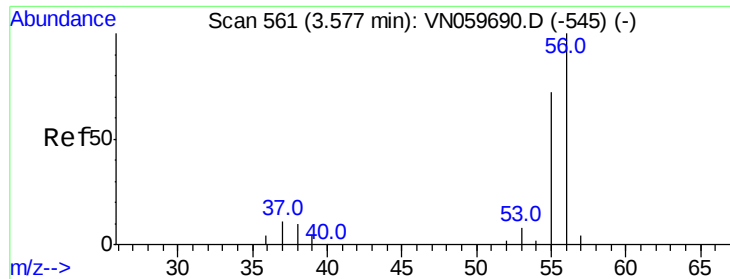
Tgt Ion: 59 Resp: 37496
Ion Ratio Lower Upper
59 100
57 9.8 8.6 12.8



#12
1,1-Dichloroethene
Concen: 19.776 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN059732.D
Acq: 16 Jan 2020 15:18

Tgt Ion: 96 Resp: 36432
Ion Ratio Lower Upper
96 100
61 149.6 137.5 206.3
98 65.5 50.2 75.4





#13

Acrolein

Concen: 90.202 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.00 min

Lab File: VN059732.D

Acq: 16 Jan 2020 15:18

Instrument :

MSVOA_N

ClientSampleId :

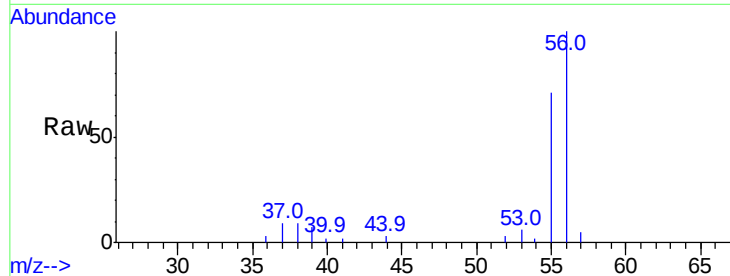
VN0116WBSD01

Tgt Ion: 56 Resp: 24037

Ion Ratio Lower Upper

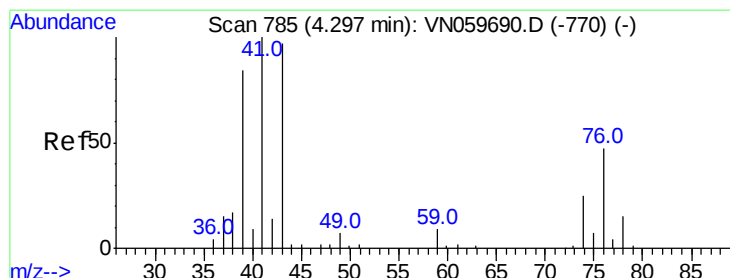
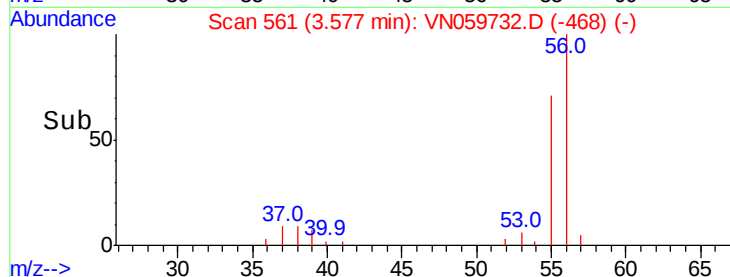
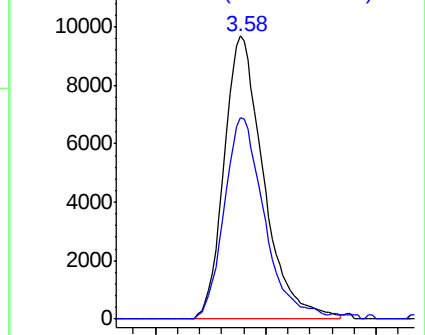
56 100

55 72.4 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: 19.395 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059732.D

Acq: 16 Jan 2020 15:18

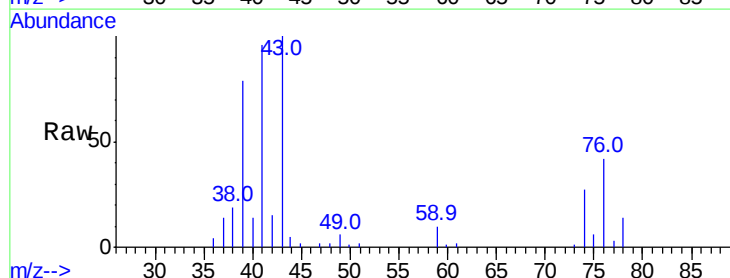
Tgt Ion: 41 Resp: 48161

Ion Ratio Lower Upper

41 100

39 84.1 57.8 86.8

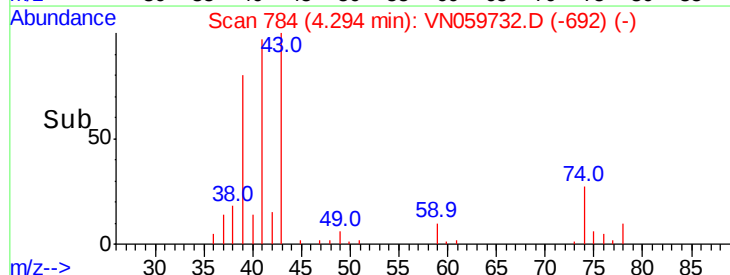
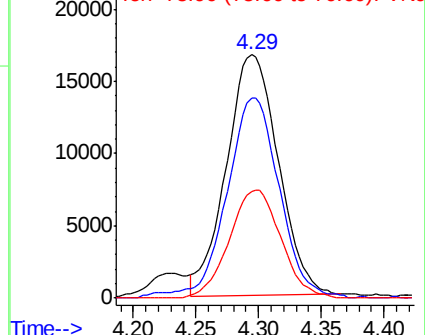
76 44.5 25.4 38.0#

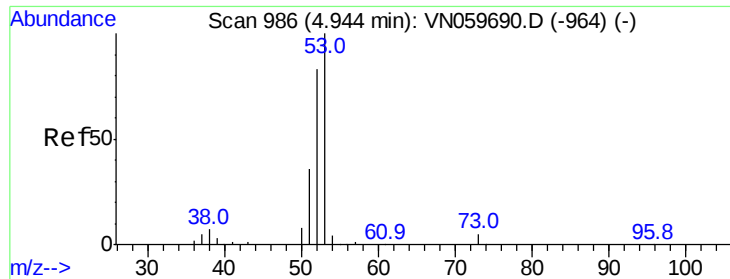


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

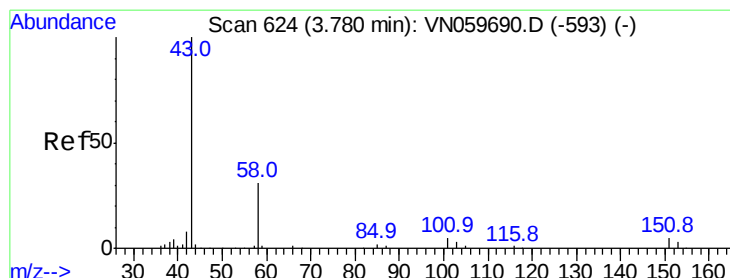
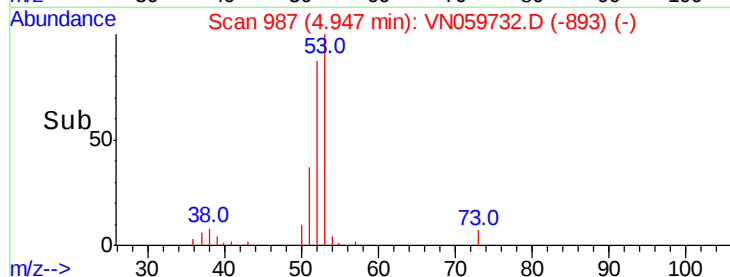
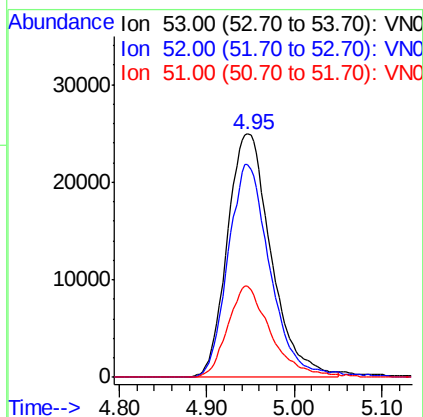
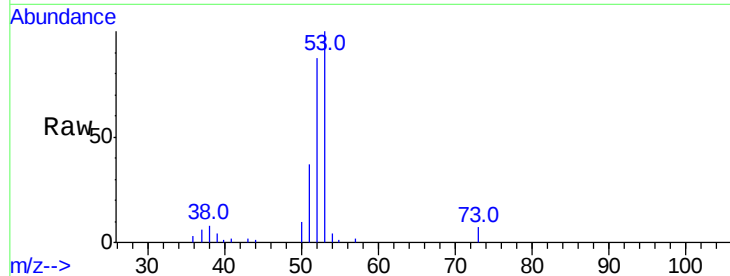




#15
 Acrylonitrile
 Concen: 100.815 ug/l
 RT: 4.95 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: VN059732.D
 Acq: 16 Jan 2020 15:18

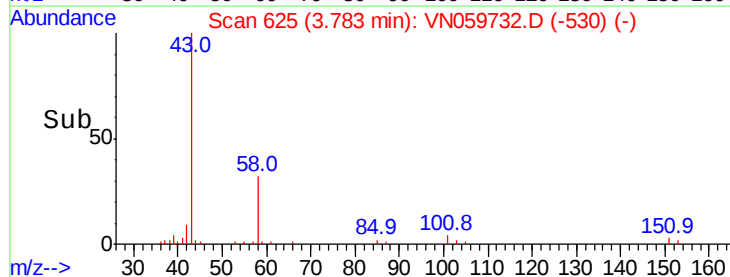
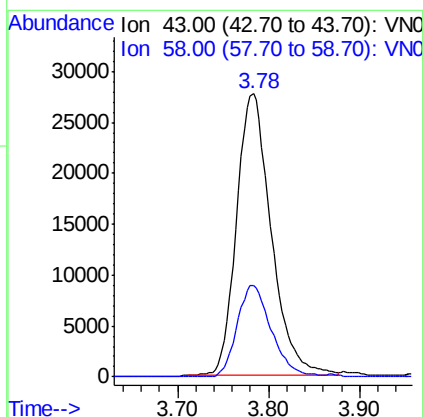
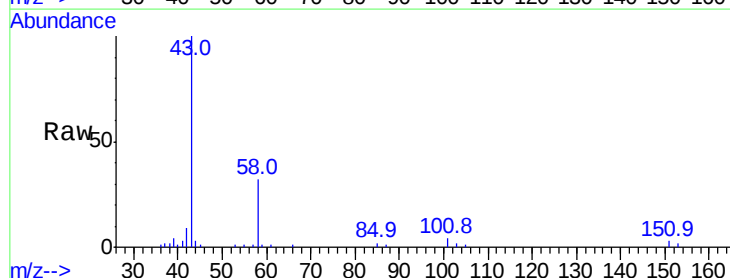
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0116WBSD01

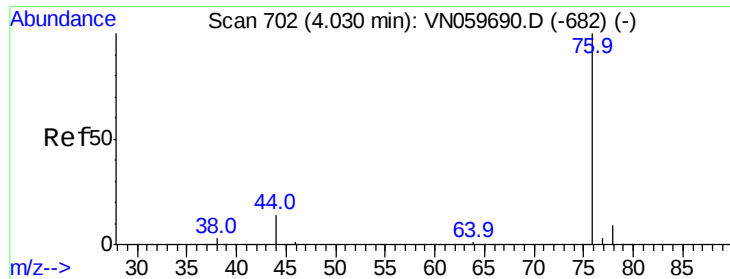
Tgt Ion: 53 Resp: 86571
 Ion Ratio Lower Upper
 53 100
 52 83.5 66.3 99.5
 51 36.9 29.7 44.5



#16
 Acetone
 Concen: 89.464 ug/l
 RT: 3.78 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: VN059732.D
 Acq: 16 Jan 2020 15:18

Tgt Ion: 43 Resp: 73137
 Ion Ratio Lower Upper
 43 100
 58 32.5 23.6 35.4

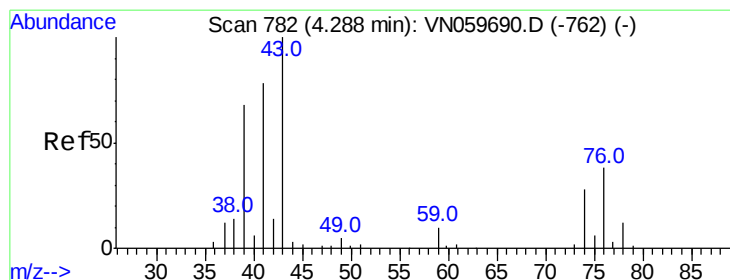
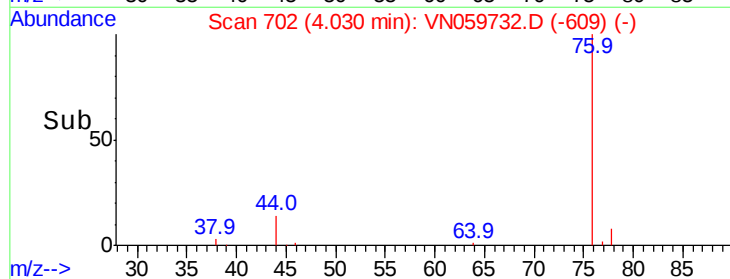
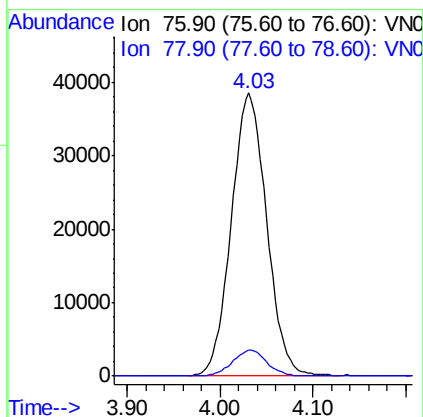
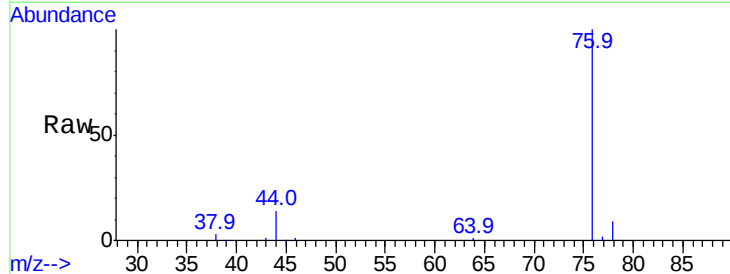




#17
Carbon Disulfide
Concen: 19.387 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059732.D
Acq: 16 Jan 2020 15:18

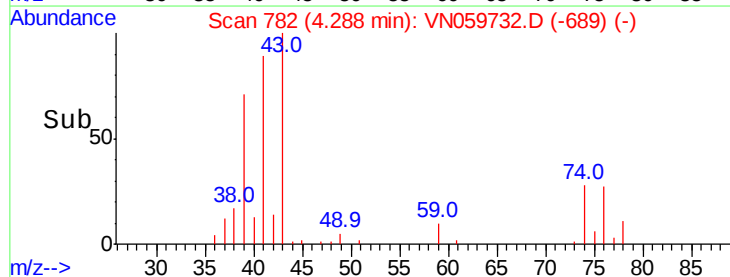
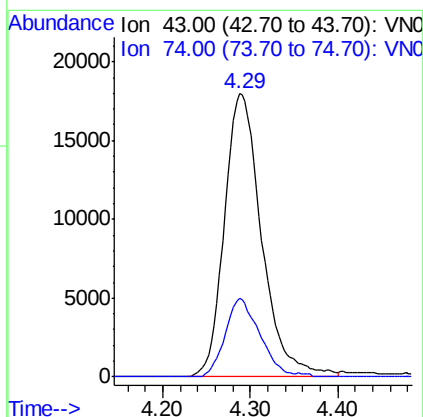
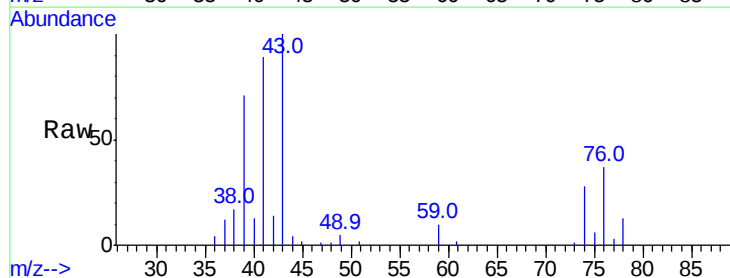
Instrument :
MSVOA_N
ClientSampleId :
VN0116WBSD01

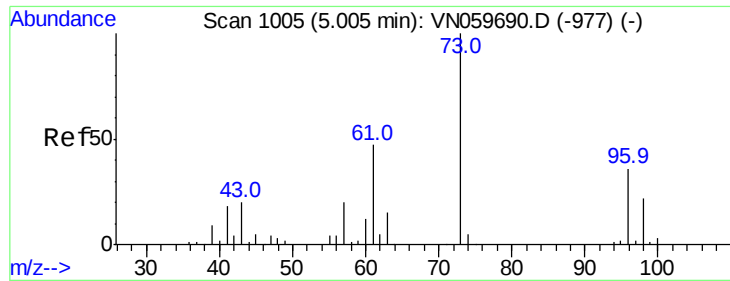
Tgt Ion: 76 Resp: 101742
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 20.362 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.00 min
Lab File: VN059732.D
Acq: 16 Jan 2020 15:18

Tgt Ion: 43 Resp: 53186
Ion Ratio Lower Upper
43 100
74 26.0 17.5 26.3





#19

Methyl tert-butyl Ether

Concen: 20.437 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. 0.00 min

Lab File: VN059732.D

Acq: 16 Jan 2020 15:18

Instrument :

MSVOA_N

ClientSampleId :

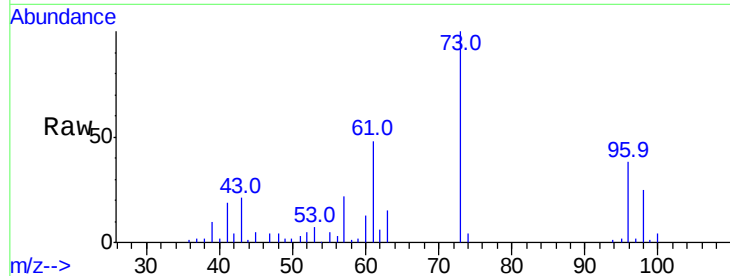
VN0116WBSD01

Tgt Ion: 73 Resp: 122757

Ion Ratio Lower Upper

73 100

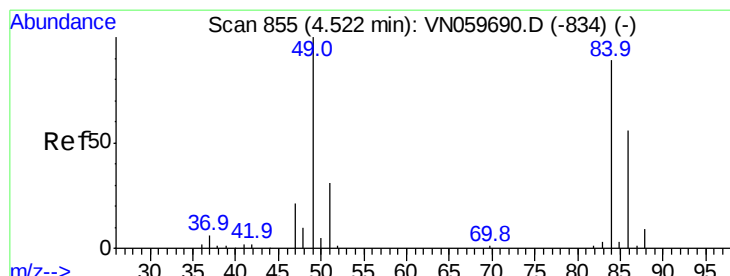
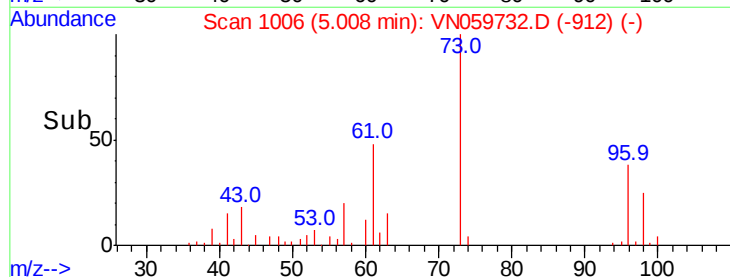
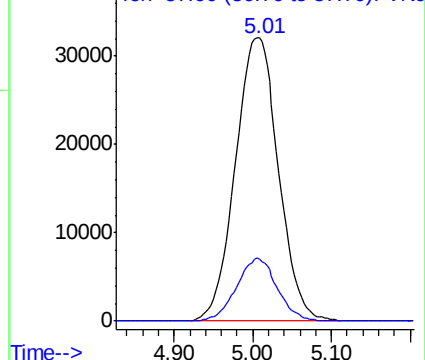
57 22.0 18.6 27.8



Abundance

Ion 73.00 (72.70 to 73.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#20

Methylene Chloride

Concen: 19.904 ug/l

RT: 4.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: VN059732.D

Acq: 16 Jan 2020 15:18

Tgt Ion: 84 Resp: 41845

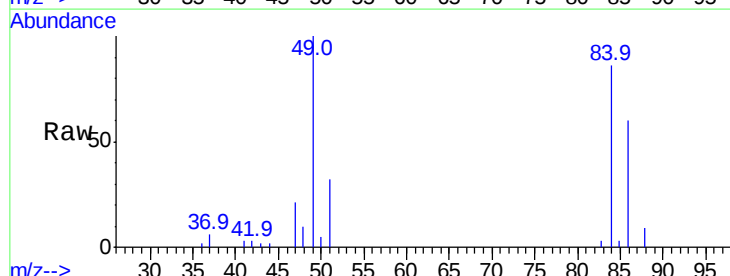
Ion Ratio Lower Upper

84 100

49 115.7 106.6 160.0

51 37.2 31.9 47.9

86 69.4 50.8 76.2



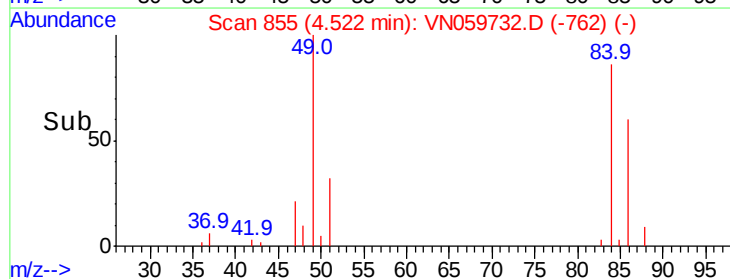
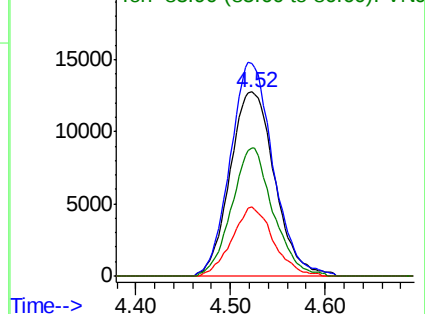
Abundance

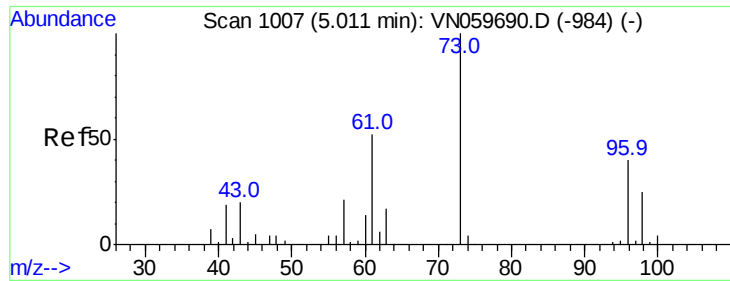
Ion 83.90 (83.60 to 84.60): VN0

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

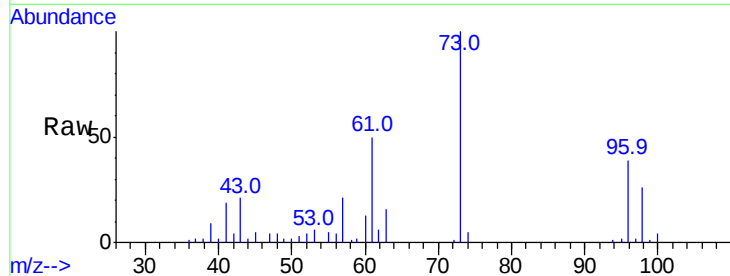




#21
trans-1,2-Dichloroethene
Concen: 20.179 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: VN059732.D
Acq: 16 Jan 2020 15:18

Instrument :
MSVOA_N
ClientSampleId :
VN0116WBSD01

Tgt Ion: 96 Resp: 39516
Ion Ratio Lower Upper
96 100
61 127.0 120.4 180.6
98 66.6 50.6 75.8

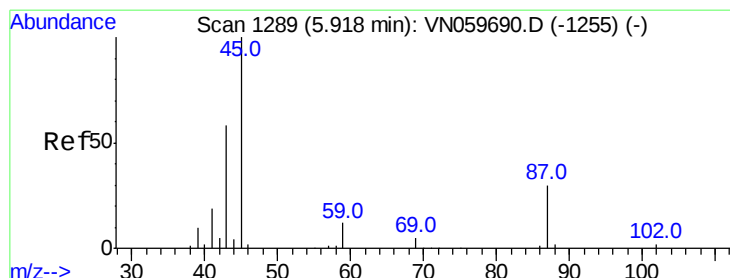
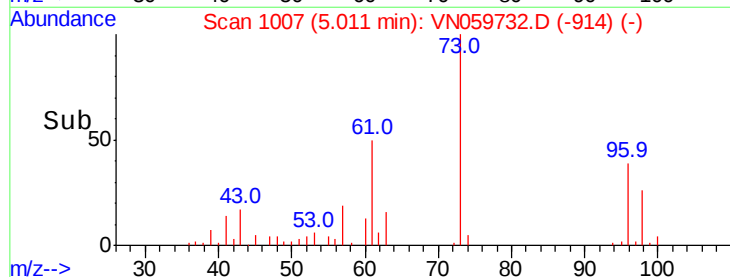
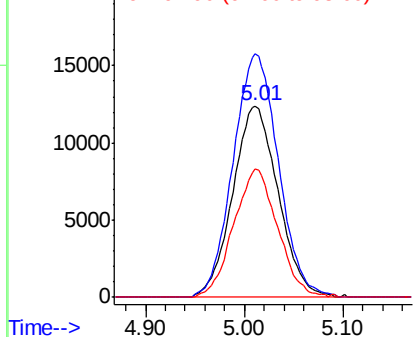


Abundance

Ion 95.90 (95.60 to 96.60): VNC

Ion 60.90 (60.60 to 61.60): VNC

Ion 97.90 (97.60 to 98.60): VNC



#22
Diisopropyl ether
Concen: 19.828 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VN059732.D
Acq: 16 Jan 2020 15:18

Tgt Ion: 45 Resp: 111577
Ion Ratio Lower Upper
45 100
43 70.7 50.8 76.2
87 31.4 21.0 31.6
59 12.0 9.1 13.7

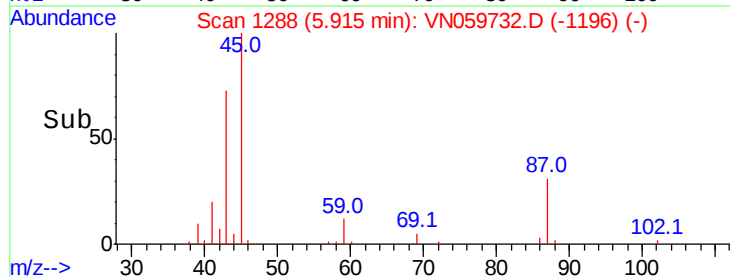
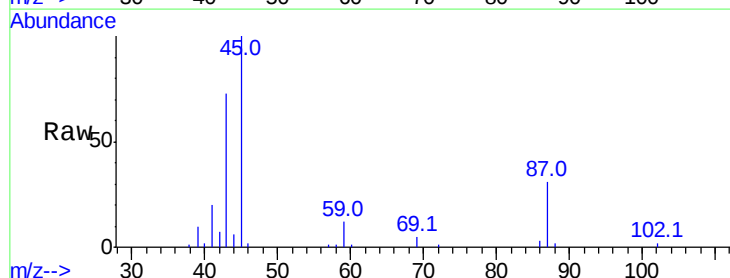
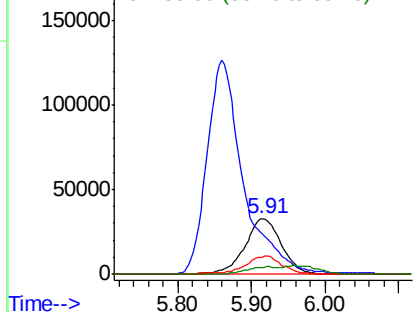
Abundance

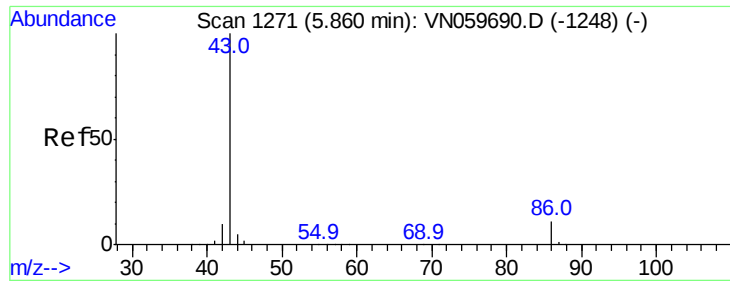
Ion 45.00 (44.70 to 45.70): VNC

Ion 43.00 (42.70 to 43.70): VNC

Ion 87.00 (86.70 to 87.70): VNC

Ion 59.00 (58.70 to 59.70): VNC

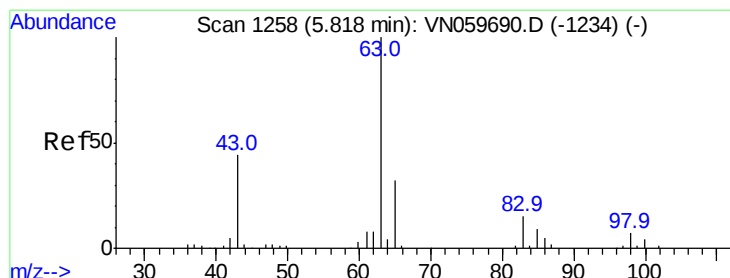
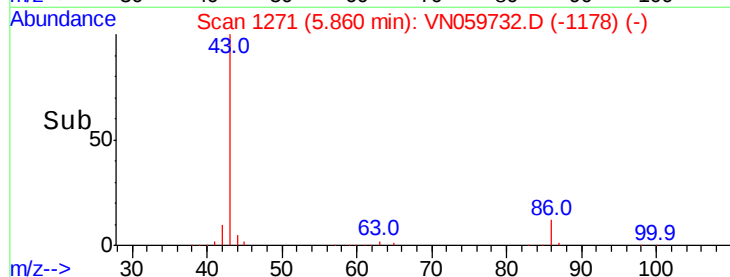
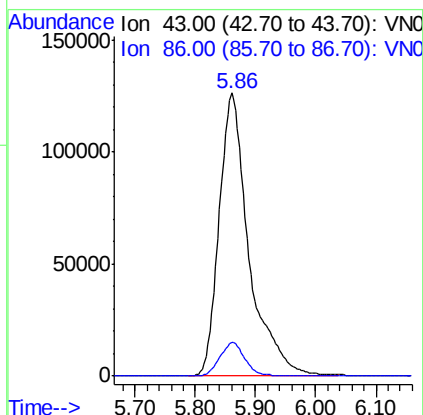
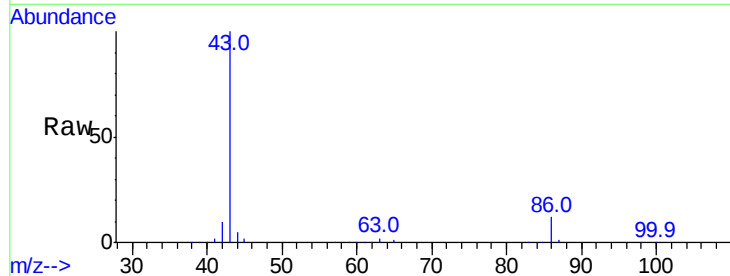




#23
 Vinyl Acetate
 Concen: 99.626 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VN059732.D
 Acq: 16 Jan 2020 15:18

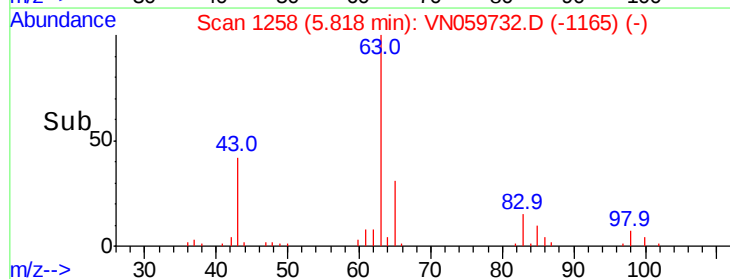
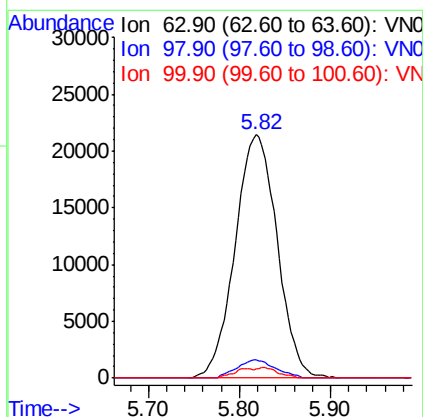
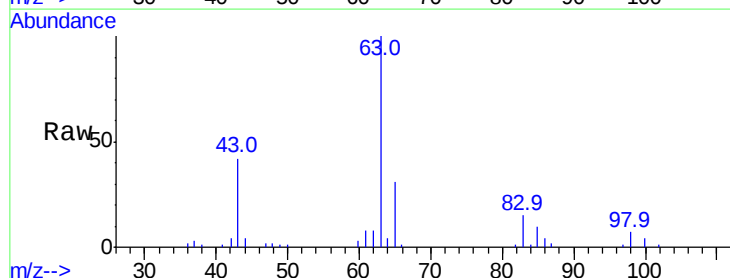
Instrument :
 MSVOA_N
 ClientSampled :
 VN0116WBSD01

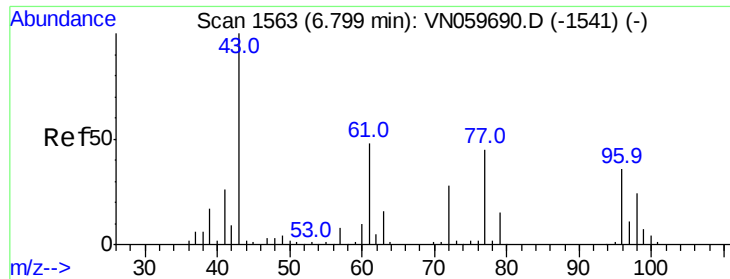
Tgt Ion: 43 Resp: 434056
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.6 11.4#



#24
 1,1-Dichloroethane
 Concen: 20.014 ug/l
 RT: 5.82 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: VN059732.D
 Acq: 16 Jan 2020 15:18

Tgt Ion: 63 Resp: 68816
 Ion Ratio Lower Upper
 63 100
 98 7.4 2.9 8.7
 100 3.7 2.0 6.0

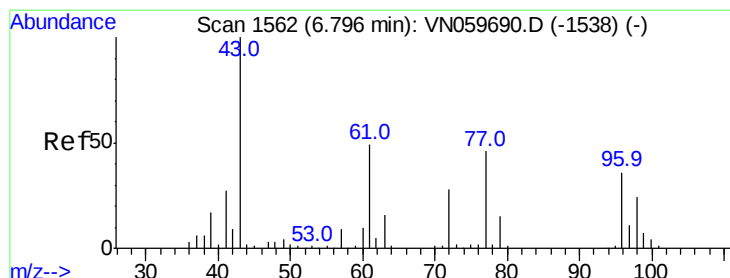
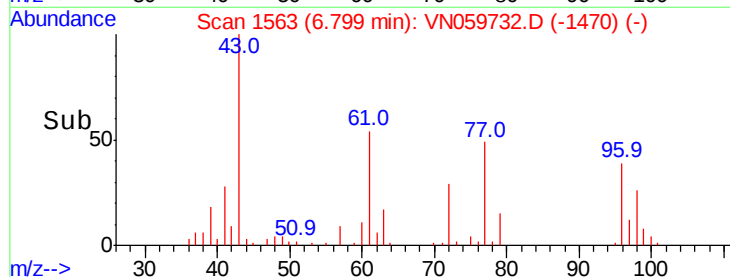
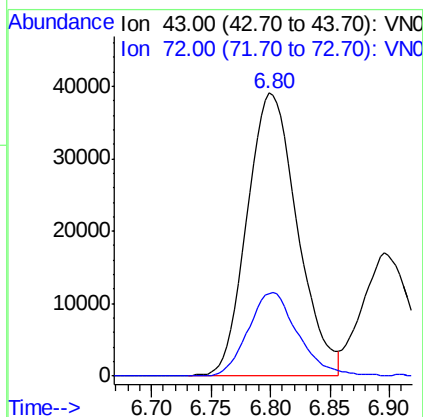
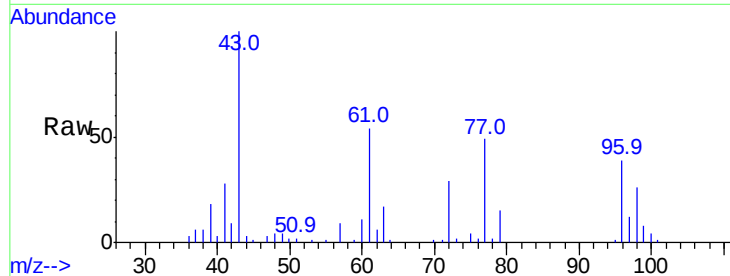




#25
2-Butanone
Concen: 90.344 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN059732.D
Acq: 16 Jan 2020 15:18

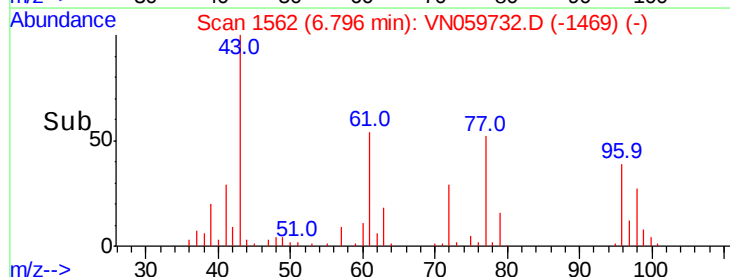
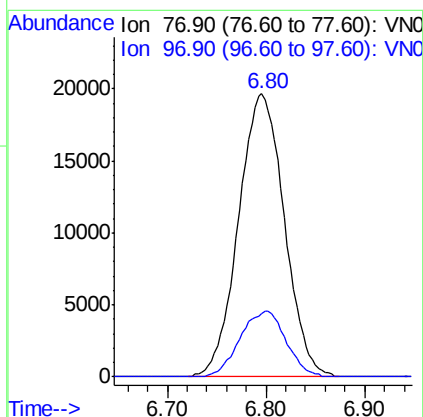
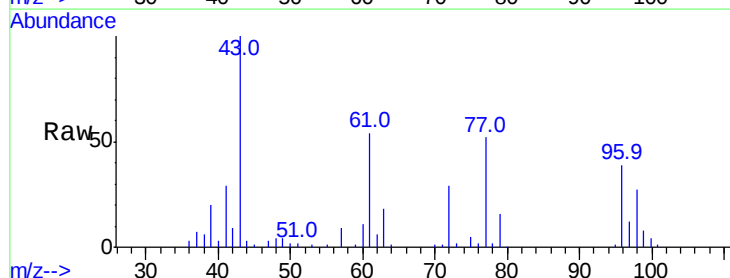
Instrument :
MSVOA_N
ClientSampleId :
VN0116WBSD01

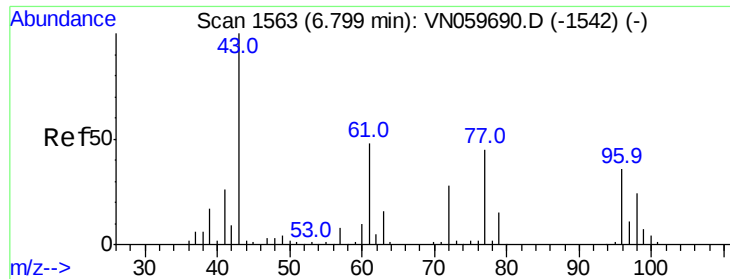
Tgt Ion: 43 Resp: 114405
Ion Ratio Lower Upper
43 100
72 29.2 19.9 29.9



#26
2,2-Dichloropropane
Concen: 19.103 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. 0.00 min
Lab File: VN059732.D
Acq: 16 Jan 2020 15:18

Tgt Ion: 77 Resp: 63148
Ion Ratio Lower Upper
77 100
97 23.4 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 19.877 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

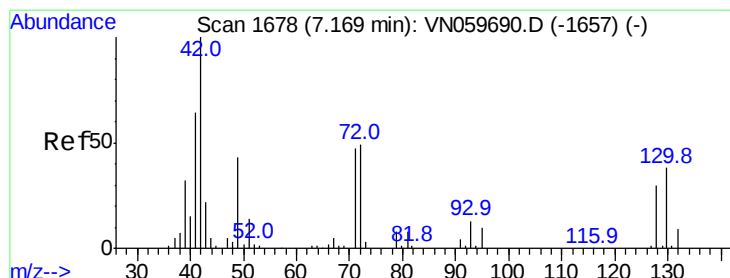
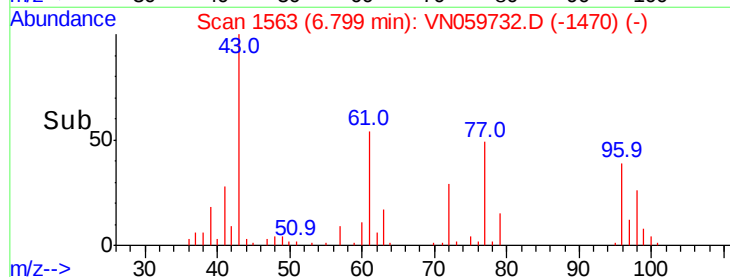
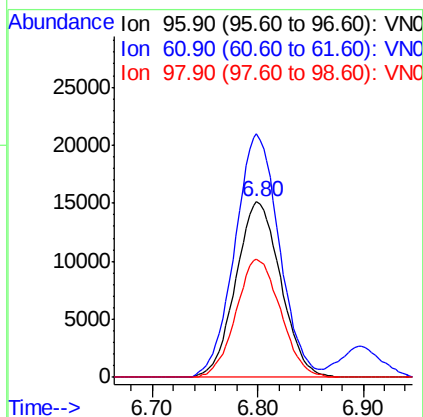
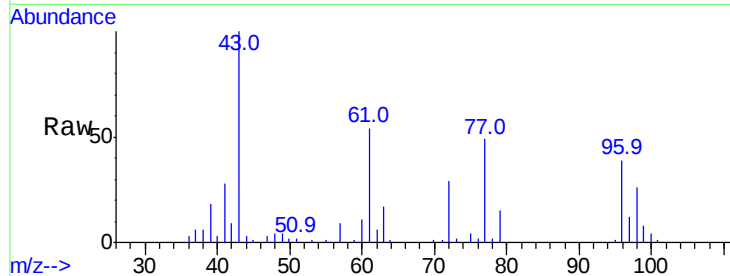
Lab File: VN059732.D

Acq: 16 Jan 2020 15:18

Instrument :
MSVOA_N
ClientSampled :
VN0116WBSD01

Tgt Ion: 96 Resp: 44771

Ion	Ratio	Lower	Upper
96	100		
61	137.3	0.0	317.6
98	66.8	0.0	127.0



#28

Bromochloromethane

Concen: 19.686 ug/l

RT: 7.17 min Scan# 1678

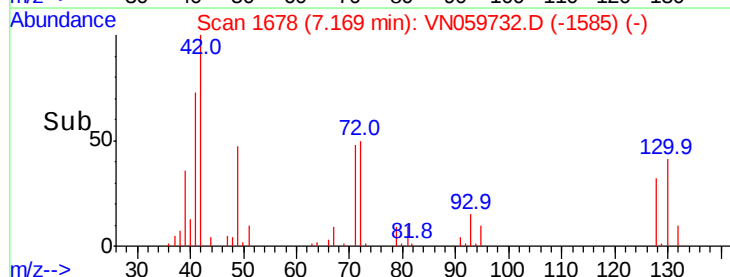
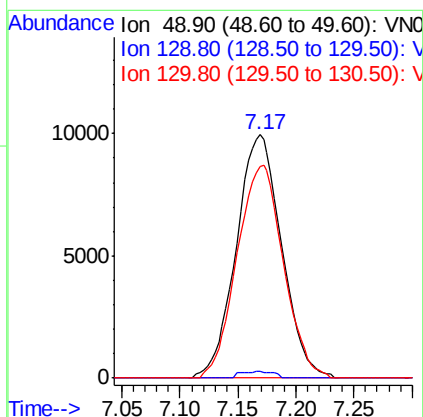
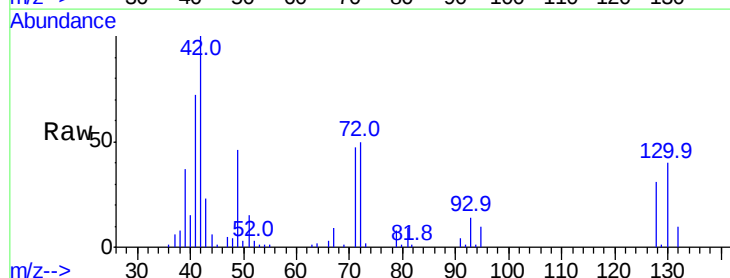
Delta R.T. 0.00 min

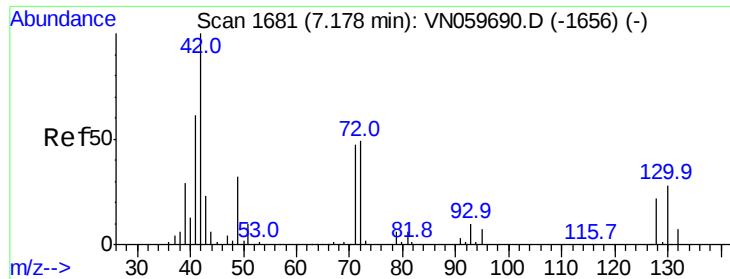
Lab File: VN059732.D

Acq: 16 Jan 2020 15:18

Tgt Ion: 49 Resp: 27054

Ion	Ratio	Lower	Upper
49	100		
129	0.2	0.0	3.4
130	89.3	54.7	82.1#

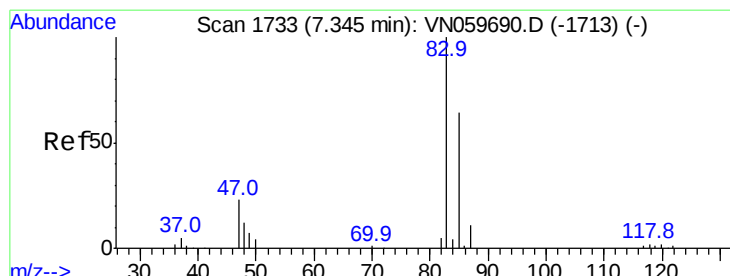
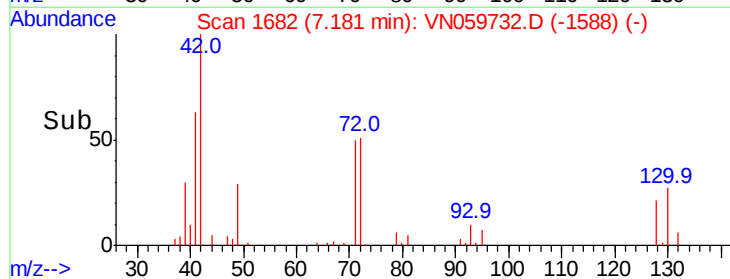
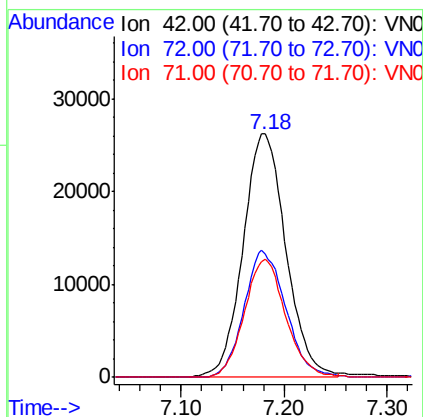
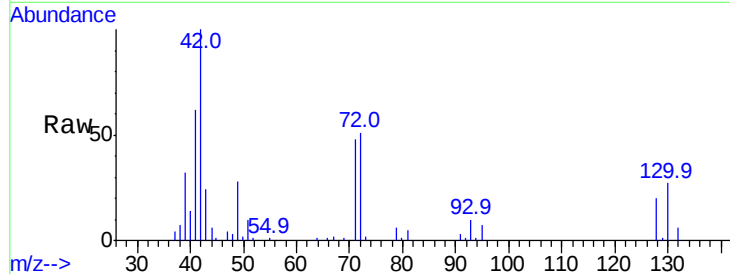




#29
Tetrahydrofuran
Concen: 96.713 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VN059732.D
Acq: 16 Jan 2020 15:18

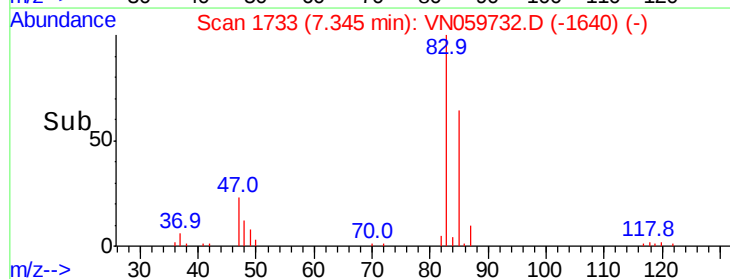
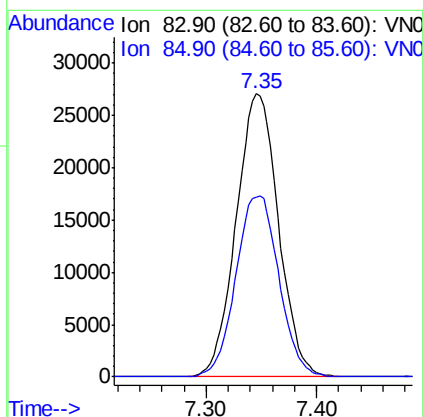
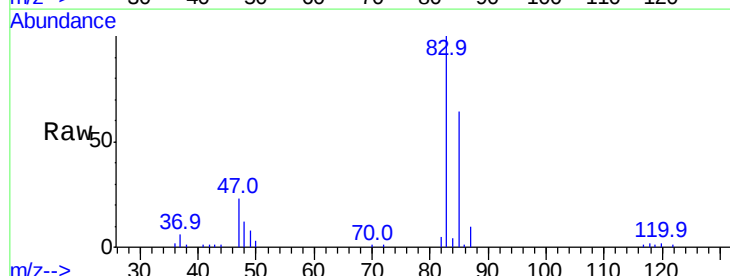
Instrument :
MSVOA_N
ClientSampled :
VN0116WBSD01

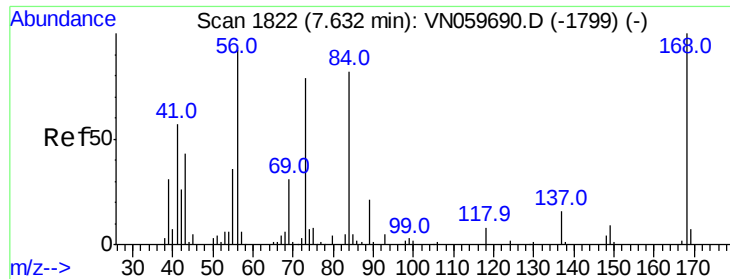
Tgt Ion: 42 Resp: 75775
Ion Ratio Lower Upper
42 100
72 50.6 33.1 49.7#
71 46.7 31.4 47.0



#30
Chloroform
Concen: 20.194 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN059732.D
Acq: 16 Jan 2020 15:18

Tgt Ion: 83 Resp: 71944
Ion Ratio Lower Upper
83 100
85 63.6 52.4 78.6

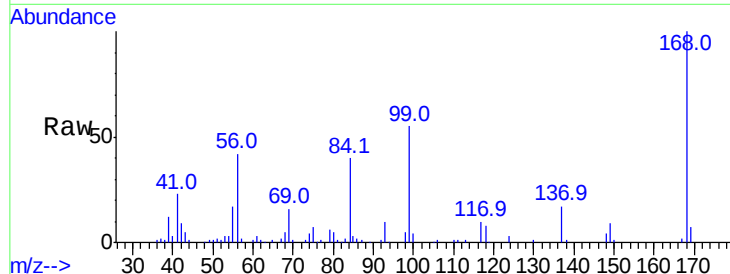




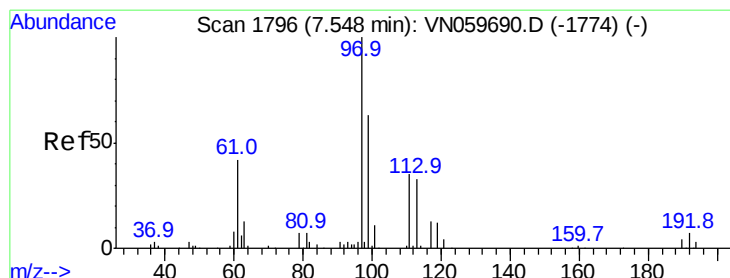
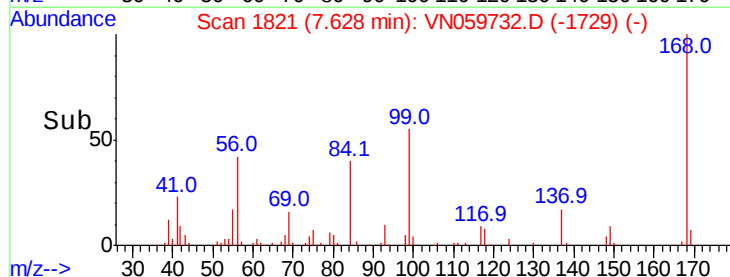
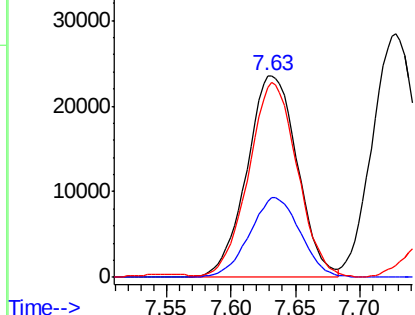
#31
Cyclohexane
Concen: 19.433 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VN059732.D
Acq: 16 Jan 2020 15:18

Instrument :
MSVOA_N
ClientSampled :
VN0116WBSD01

Tgt Ion: 56 Resp: 64296
Ion Ratio Lower Upper
56 100
69 37.7 26.5 39.7
84 93.3 65.3 97.9

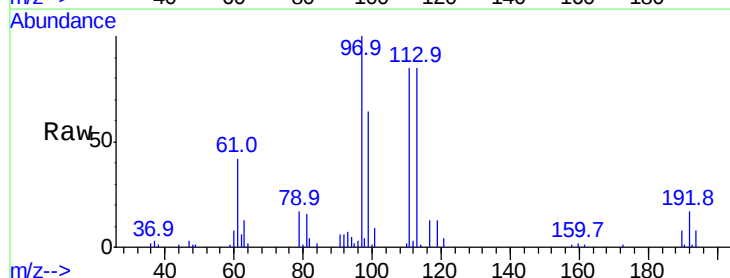


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

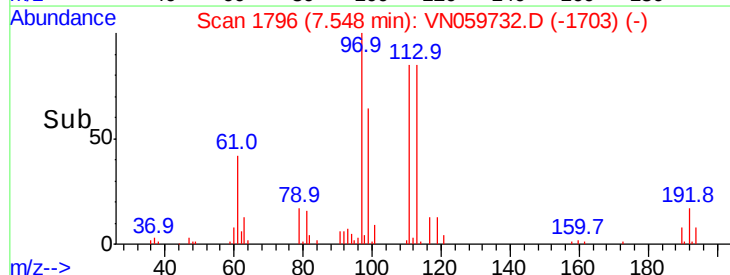
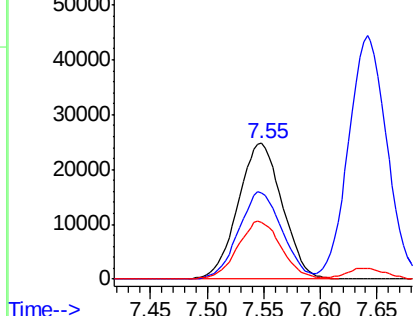


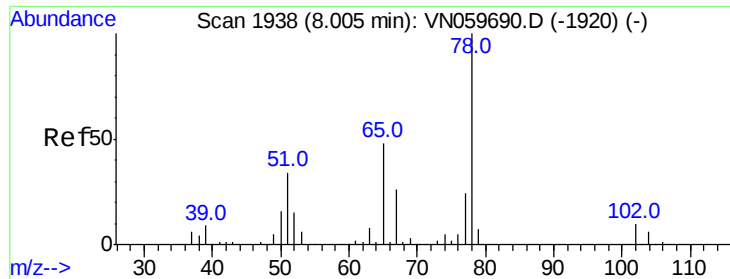
#32
1,1,1-Trichloroethane
Concen: 20.477 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN059732.D
Acq: 16 Jan 2020 15:18

Tgt Ion: 97 Resp: 67451
Ion Ratio Lower Upper
97 100
99 63.2 51.0 76.4
61 41.7 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

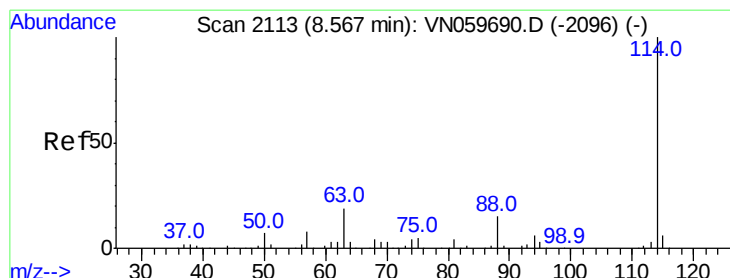
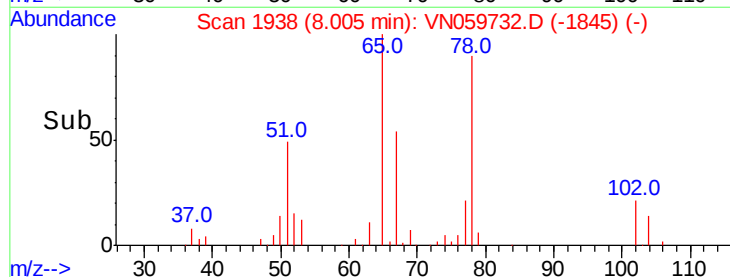
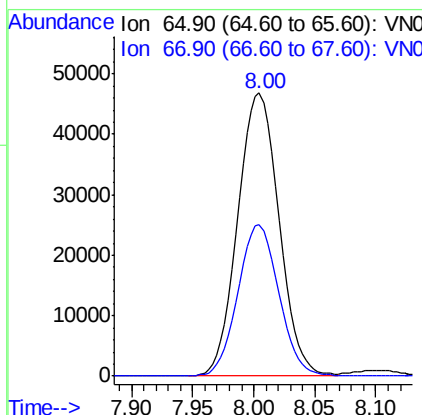
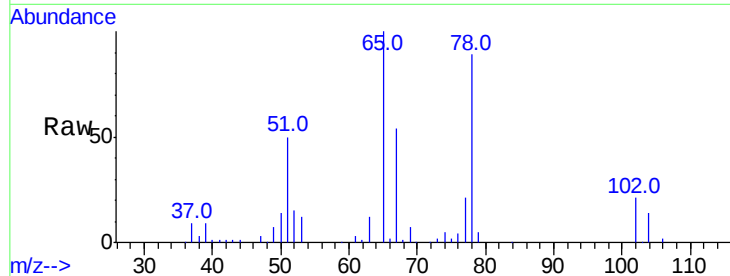




#33
 1,2-Dichloroethane-d4
 Concen: 49.150 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059732.D
 Acq: 16 Jan 2020 15:18

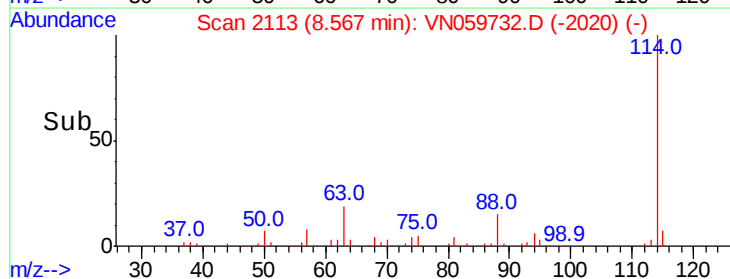
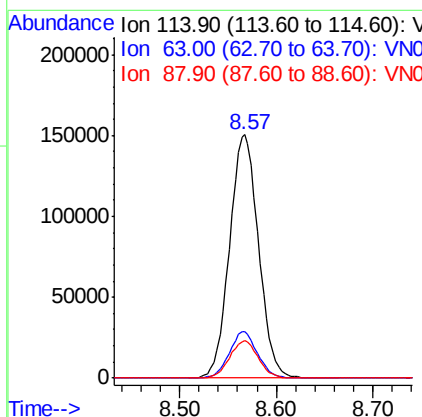
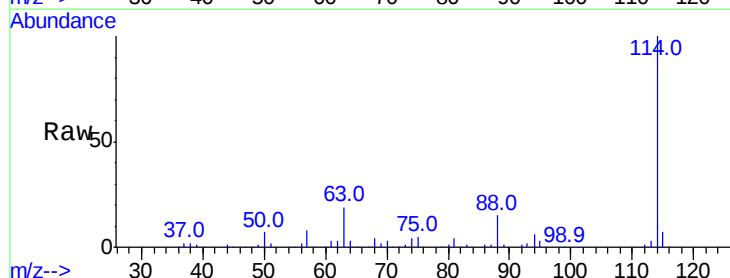
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0116WBSD01

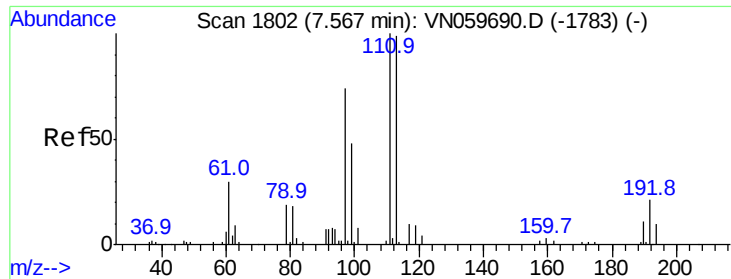
Tgt Ion: 65 Resp: 109907
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059732.D
 Acq: 16 Jan 2020 15:18

Tgt Ion: 114 Resp: 312923
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 43.6
 88 15.3 0.0 31.4

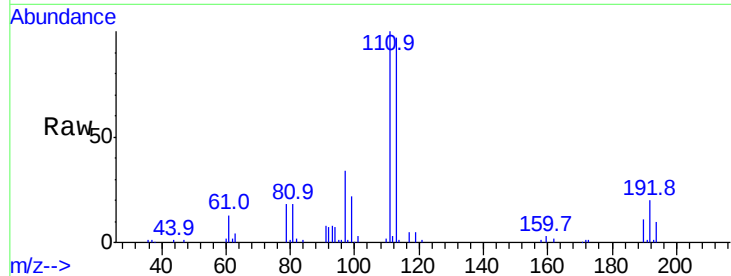




#35
 Dibromofluoromethane
 Concen: 50.870 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059732.D
 Acq: 16 Jan 2020 15:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0116WBSD01

Tgt Ion: 113 Resp: 94929
 Ion Ratio Lower Upper
 113 100
 111 101.7 83.5 125.3
 192 20.8 15.4 23.2

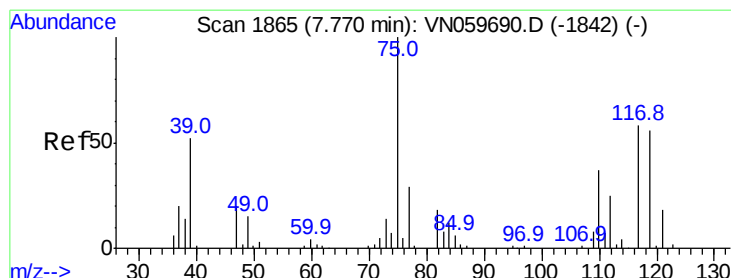
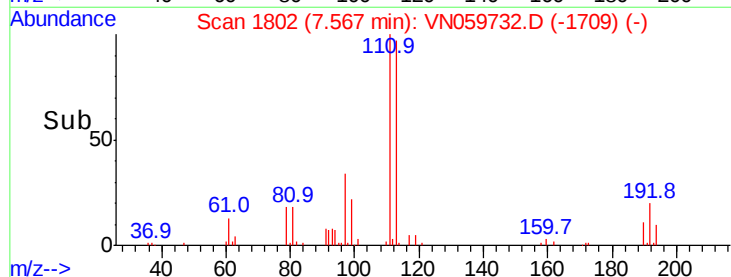
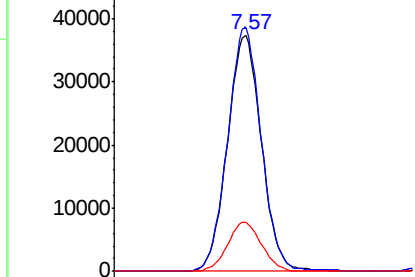


Abundance

Ion 112.80 (112.50 to 113.50): V

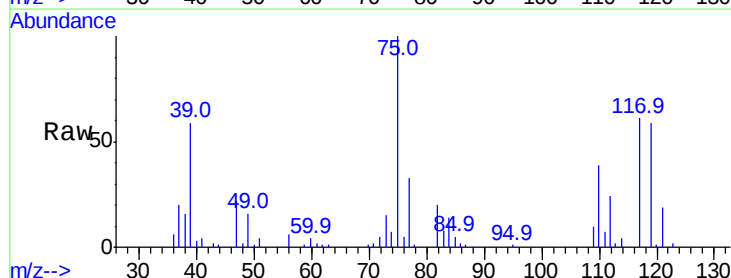
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 19.462 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN059732.D
 Acq: 16 Jan 2020 15:18

Tgt Ion: 75 Resp: 53034
 Ion Ratio Lower Upper
 75 100
 110 37.4 16.6 49.7
 77 30.9 25.1 37.7

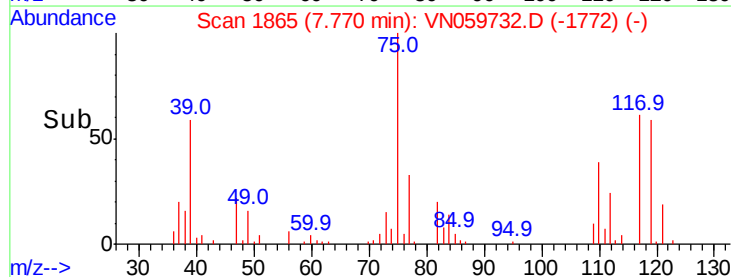
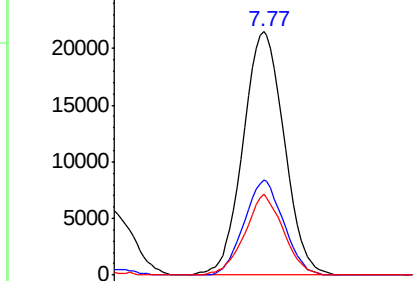


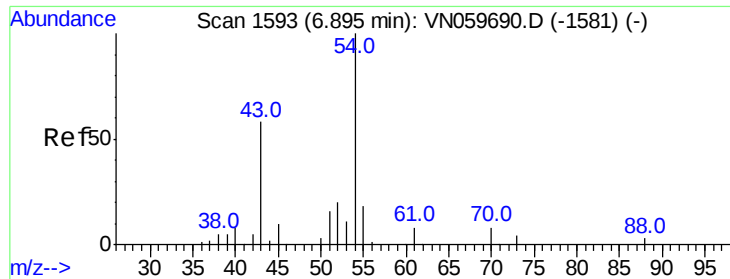
Abundance

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: 18.976 ug/l

RT: 6.90 min Scan# 1593

Delta R.T. 0.00 min

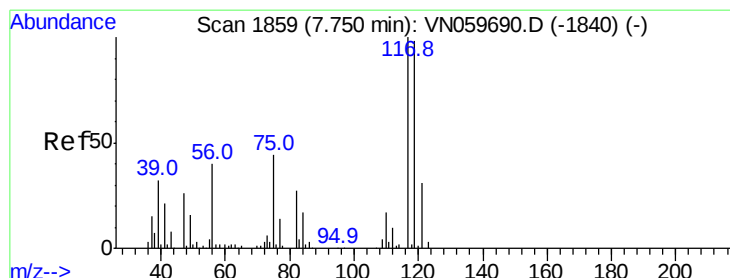
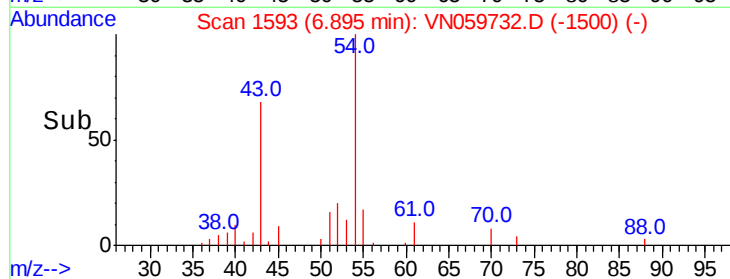
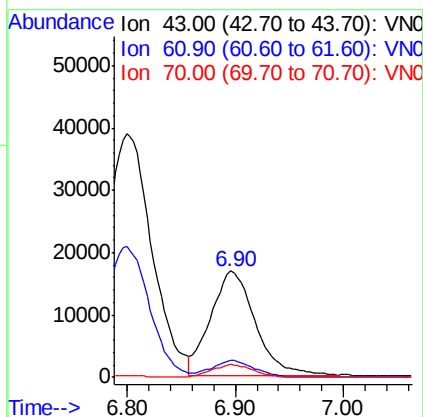
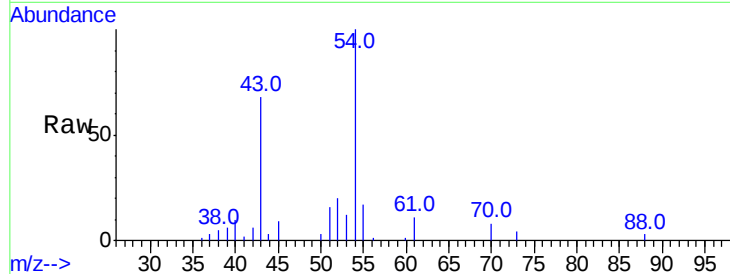
Lab File: VN059732.D

Acq: 16 Jan 2020 15:18

Instrument :
MSVOA_N
ClientSampled :
VN0116WBSD01

Tgt Ion: 43 Resp: 48501

Ion	Ratio	Lower	Upper
43	100		
61	15.2	10.9	16.3
70	11.2	7.7	11.5



#38

Carbon Tetrachloride

Concen: 19.957 ug/l

RT: 7.75 min Scan# 1859

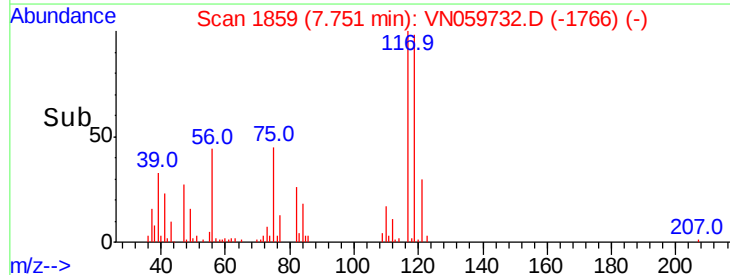
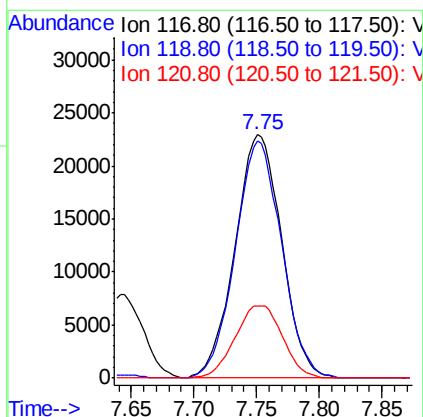
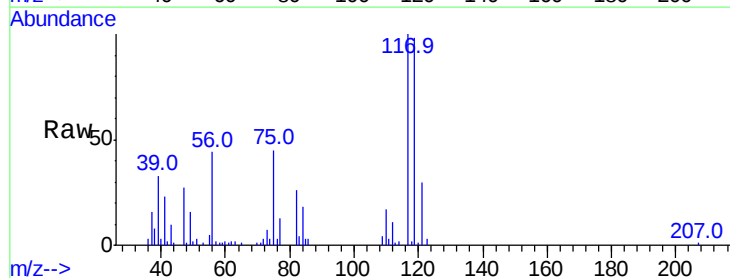
Delta R.T. 0.00 min

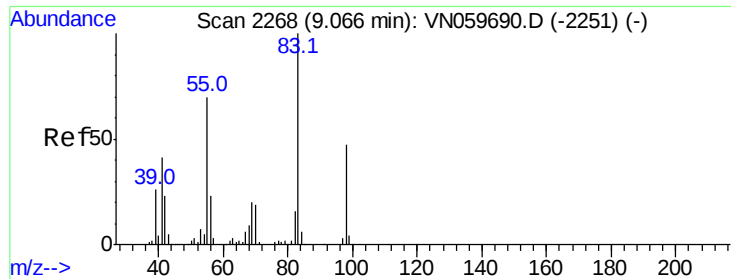
Lab File: VN059732.D

Acq: 16 Jan 2020 15:18

Tgt Ion: 117 Resp: 59158

Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.5	114.7
121	29.8	25.1	37.7

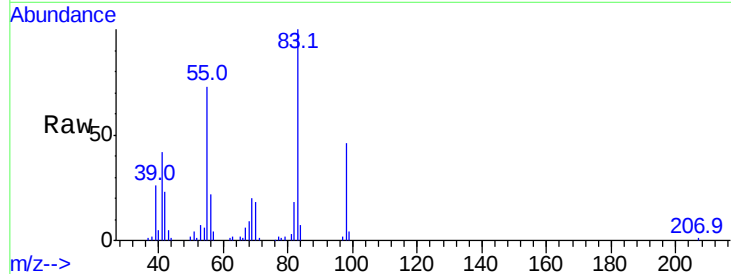




#39
Methylcyclohexane
Concen: 19.490 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059732.D
Acq: 16 Jan 2020 15:18

Instrument :
MSVOA_N
ClientSampleId :
VN0116WBSD01

Tgt Ion: 83 Resp: 65487
Ion Ratio Lower Upper
83 100
55 72.6 64.2 96.2
98 46.3 35.9 53.9

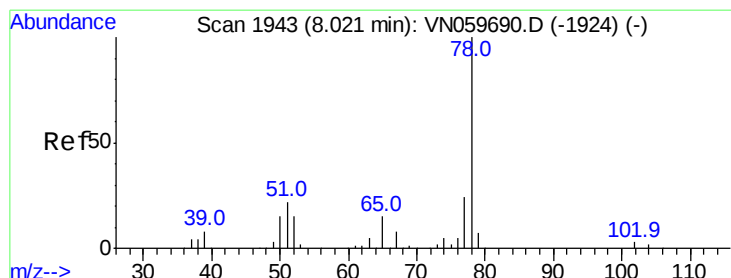
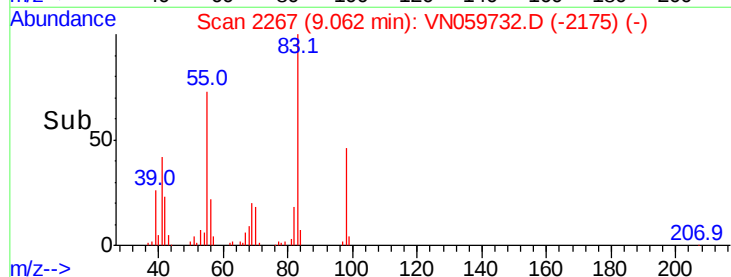
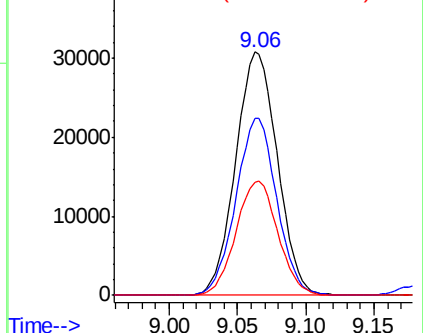


Abundance

Ion 83.00 (82.70 to 83.70): VN0

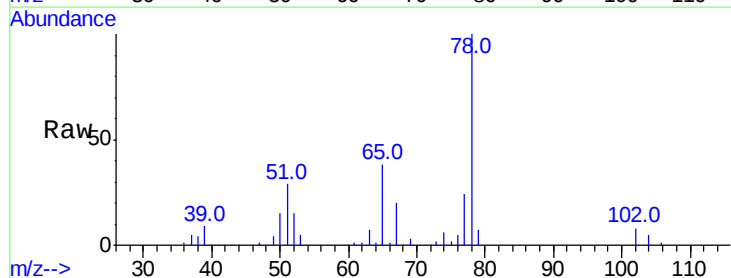
Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#40
Benzene
Concen: 19.568 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN059732.D
Acq: 16 Jan 2020 15:18

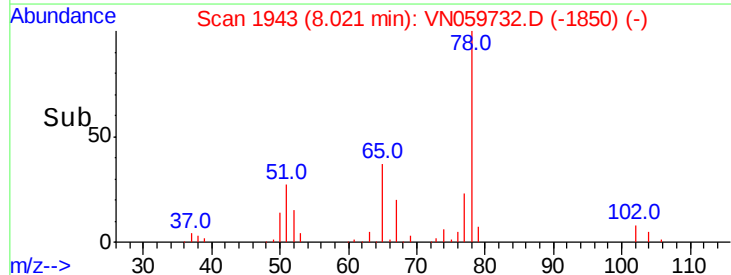
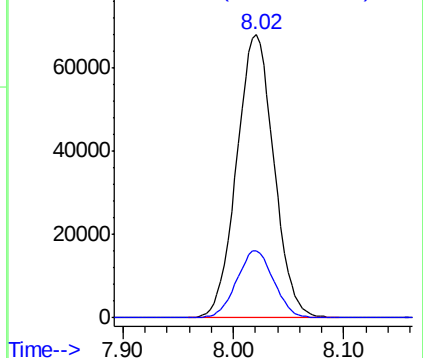
Tgt Ion: 78 Resp: 159030
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3

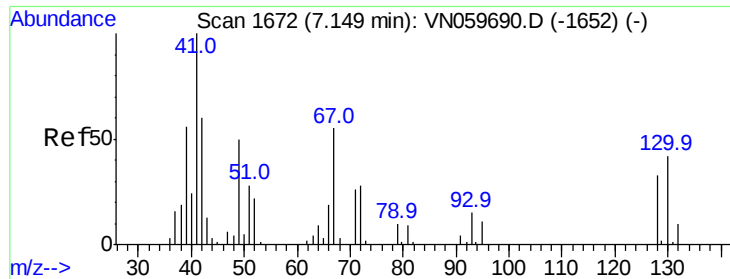


Abundance

Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

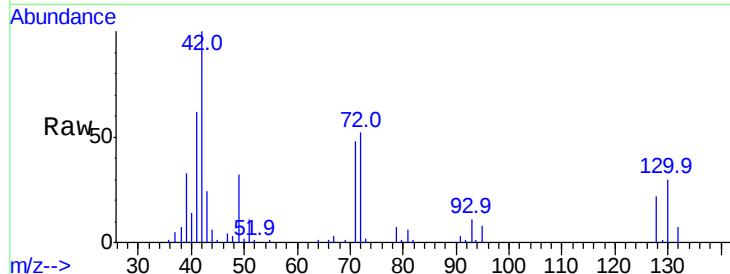




#41
Methacrylonitrile
Concen: 56.196 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.03 min
Lab File: VN059732.D
Acq: 16 Jan 2020 15:18

Instrument :
MSVOA_N
ClientSampleId :
VN0116WBSD01

Tgt Ion:	41	Resp:	70745
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



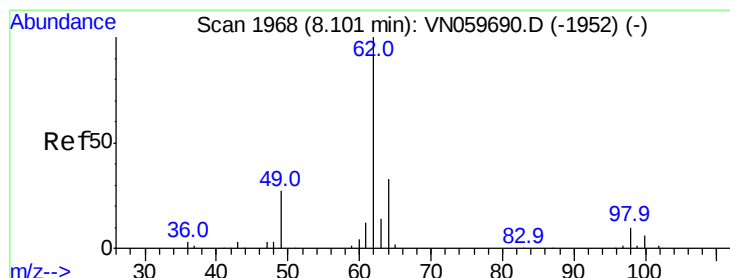
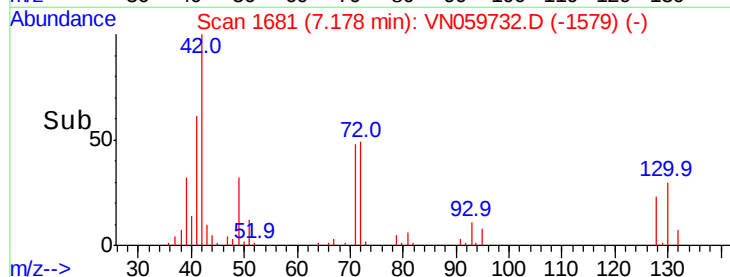
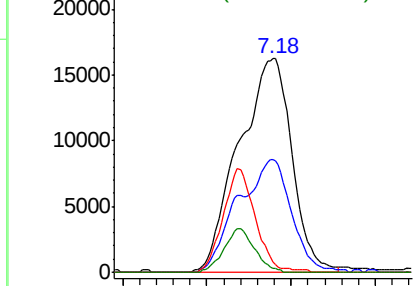
Abundance

Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

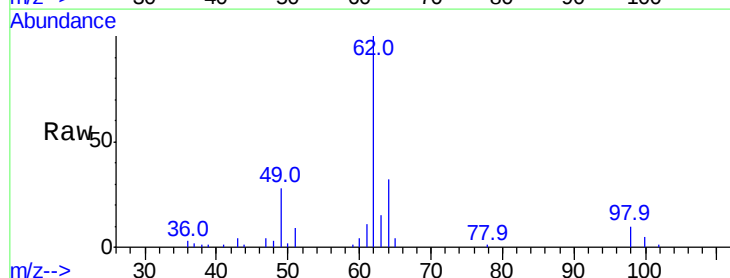
Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC



#42
1,2-Dichloroethane
Concen: 20.299 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059732.D
Acq: 16 Jan 2020 15:18

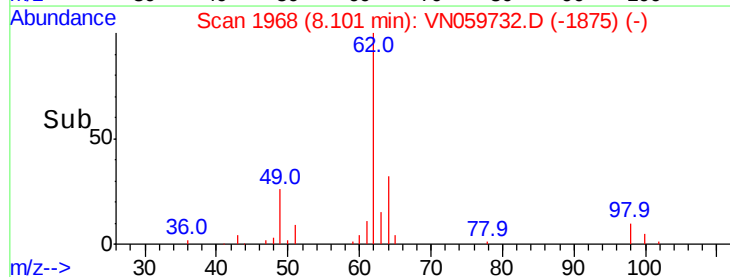
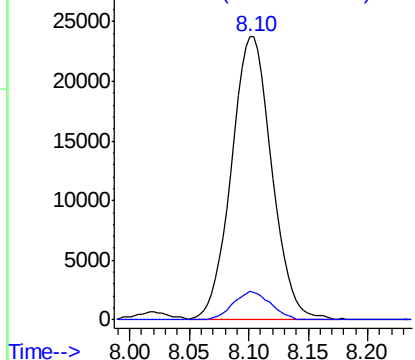
Tgt Ion:	62	Resp:	55935
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	15.8

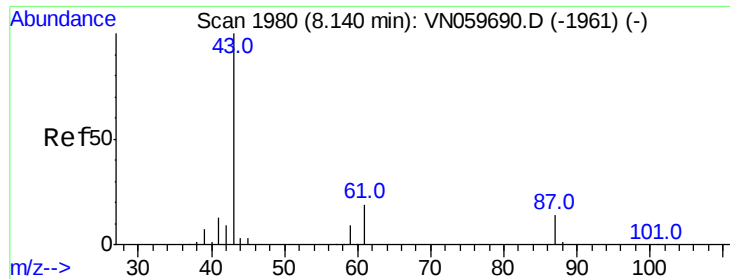


Abundance

Ion 61.90 (61.60 to 62.60): VNC

Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 19.033 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059732.D

Acq: 16 Jan 2020 15:18

Instrument :

MSVOA_N

ClientSampleId :

VN0116WBSD01

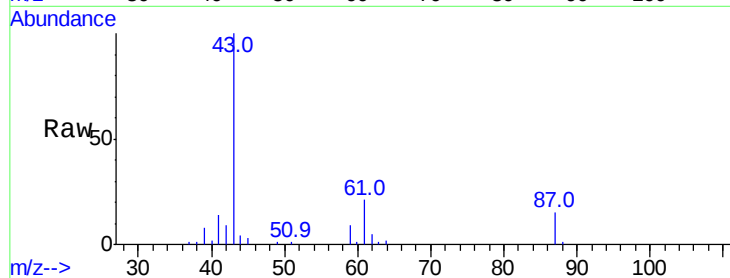
Tgt Ion: 43 Resp: 83674

Ion Ratio Lower Upper

43 100

61 27.0 20.2 30.2

87 14.7 9.5 14.3#

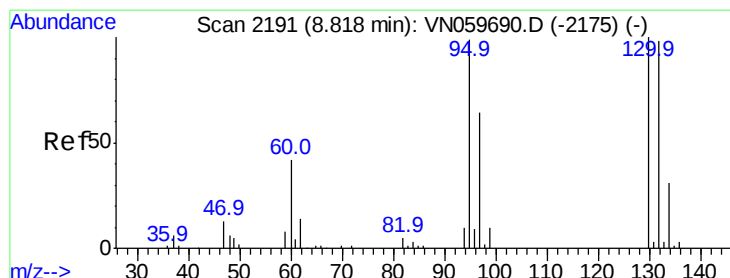
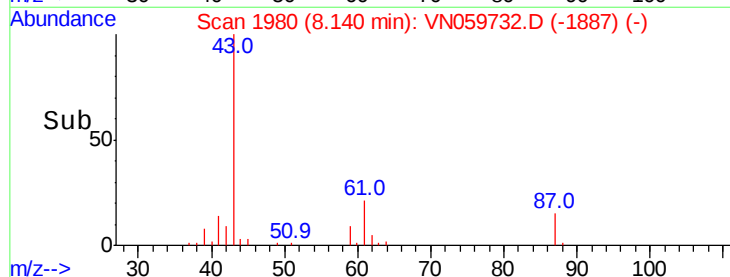
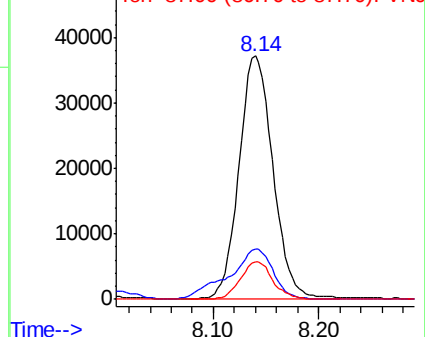


Abundance

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: 20.693 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN059732.D

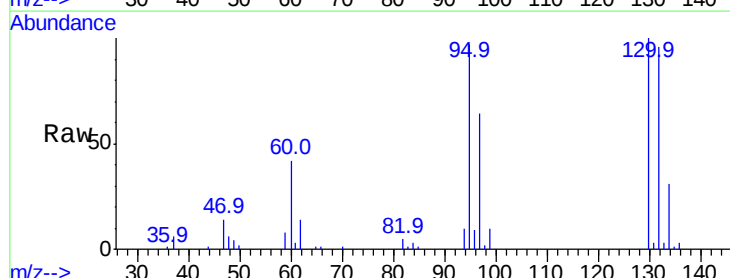
Acq: 16 Jan 2020 15:18

Tgt Ion: 130 Resp: 45910

Ion Ratio Lower Upper

130 100

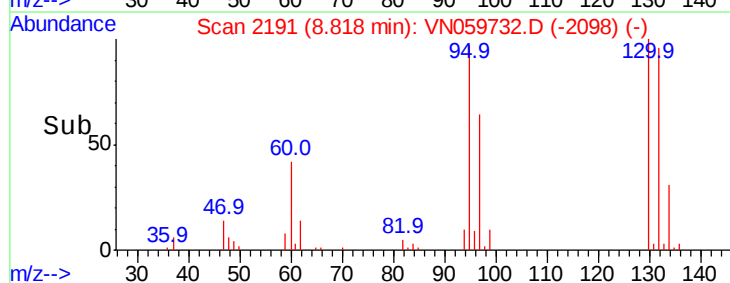
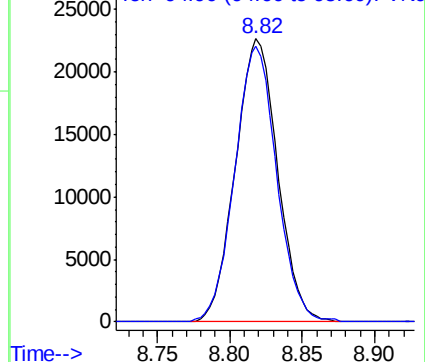
95 97.2 0.0 207.0

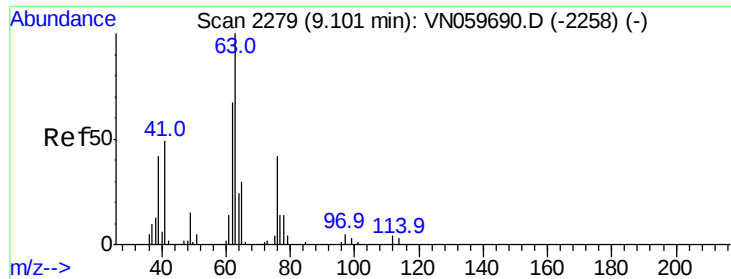


Abundance

Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

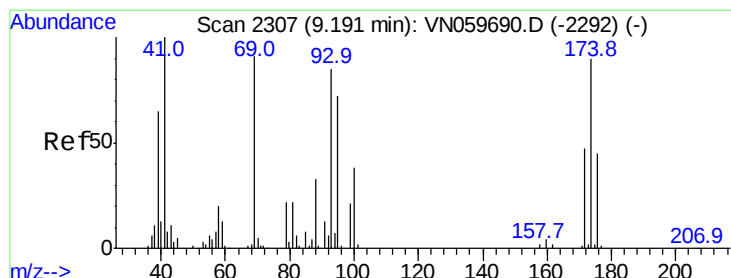
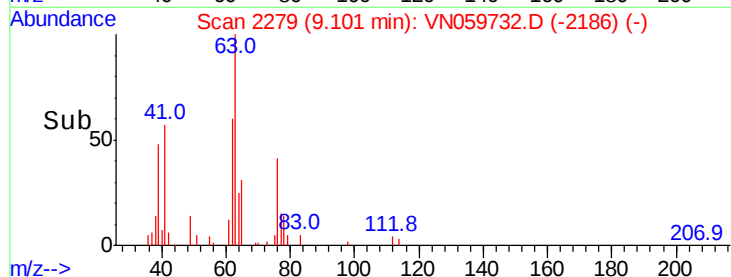
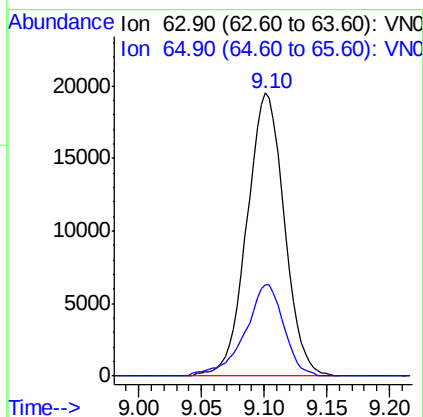
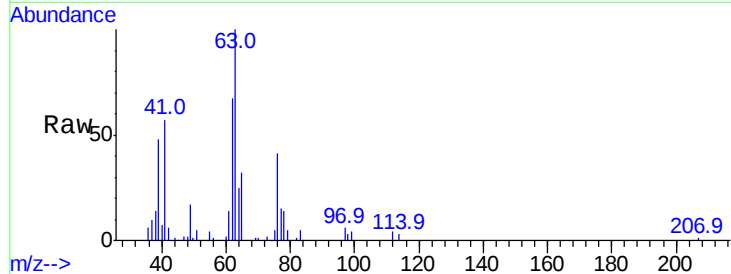




#45
1,2-Dichloropropane
Concen: 20.177 ug/l
RT: 9.10 min Scan# 2279
Delta R.T. 0.00 min
Lab File: VN059732.D
Acq: 16 Jan 2020 15:18

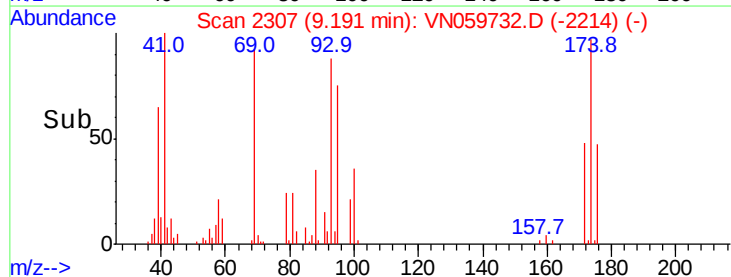
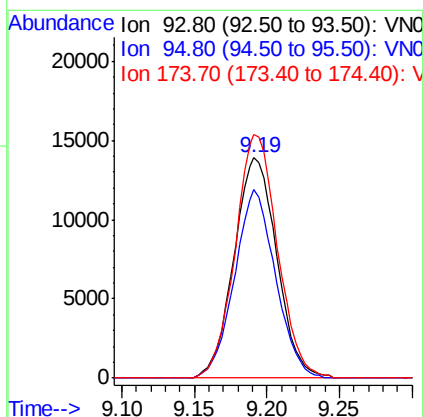
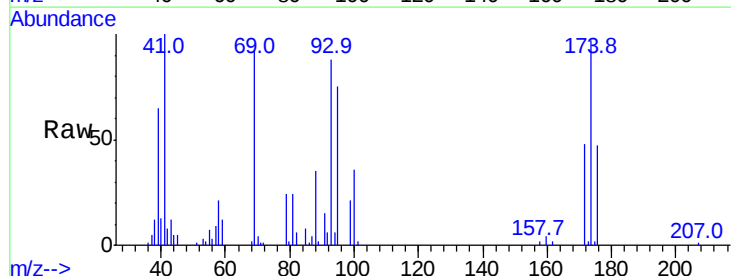
Instrument :
MSVOA_N
ClientSampleId :
VN0116WBSD01

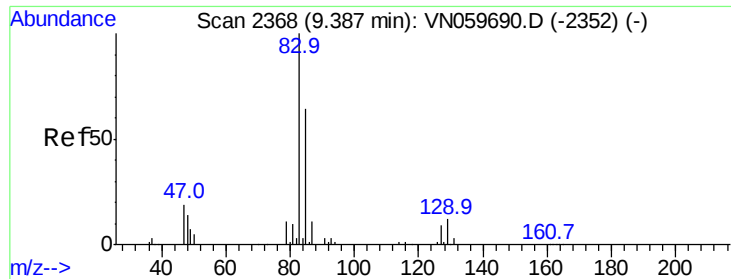
Tgt Ion: 63 Resp: 40578
Ion Ratio Lower Upper
63 100
65 32.2 24.9 37.3



#46
Dibromomethane
Concen: 20.139 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.00 min
Lab File: VN059732.D
Acq: 16 Jan 2020 15:18

Tgt Ion: 93 Resp: 28570
Ion Ratio Lower Upper
93 100
95 81.8 67.0 100.6
174 109.0 73.4 110.2

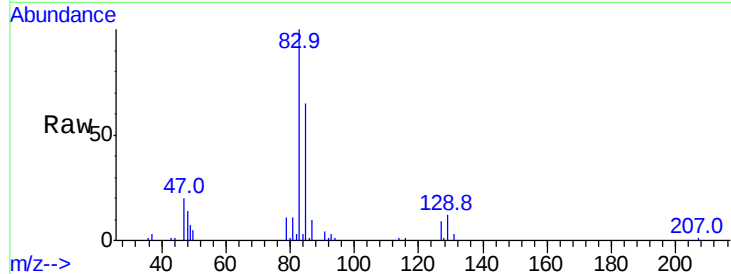




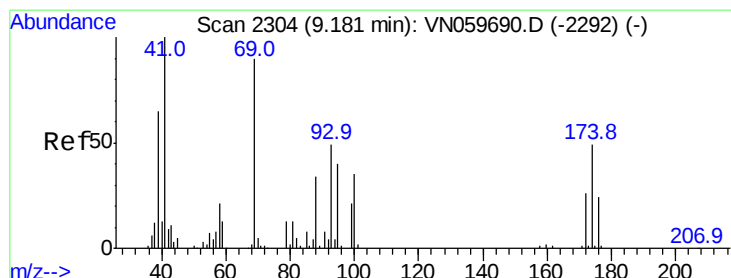
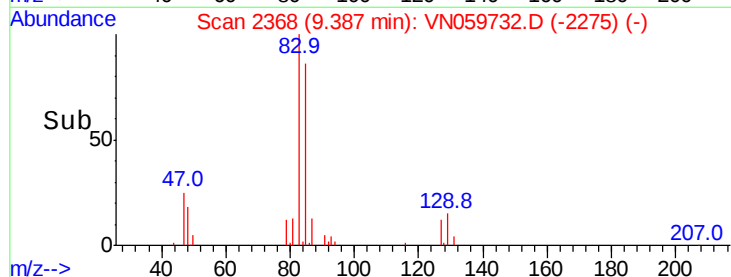
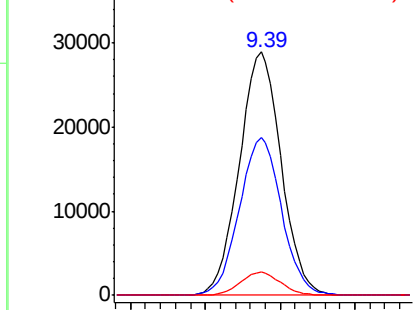
#47
Bromodichloromethane
Concen: 19.654 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN059732.D
Acq: 16 Jan 2020 15:18

Instrument :
MSVOA_N
ClientSampleId :
VN0116WBSD01

Tgt Ion: 83 Resp: 56185
Ion Ratio Lower Upper
83 100
85 64.9 51.1 76.7
127 9.4 6.6 9.8

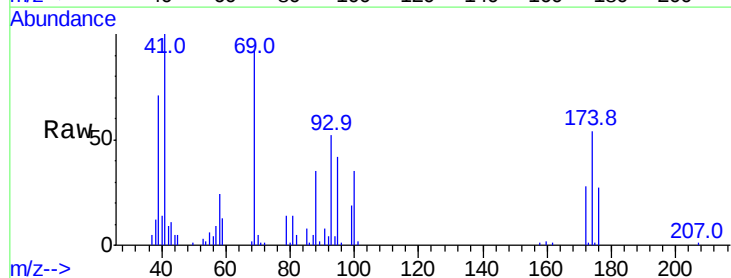


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V

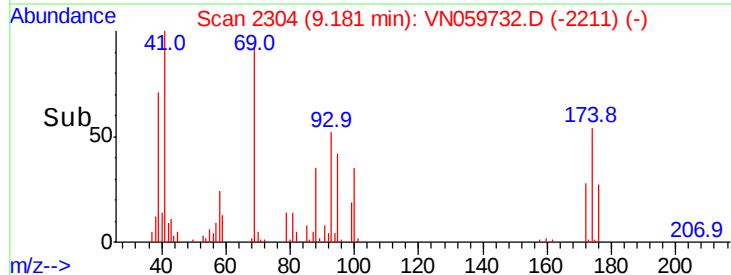
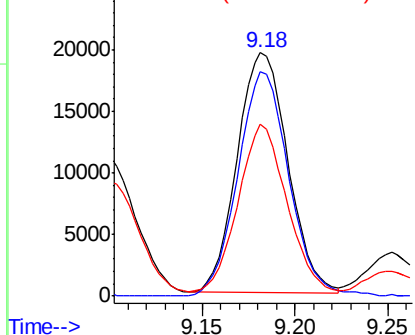


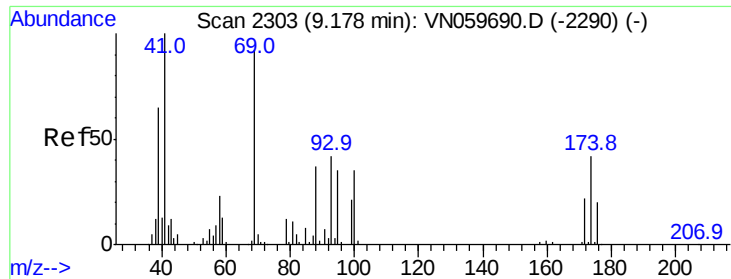
#48
Methyl methacrylate
Concen: 18.960 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059732.D
Acq: 16 Jan 2020 15:18

Tgt Ion: 41 Resp: 37282
Ion Ratio Lower Upper
41 100
69 94.1 64.4 96.6
39 66.9 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

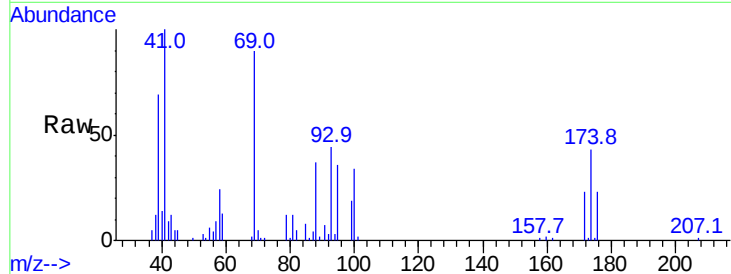




#49
1,4-Dioxane
Concen: 425.472 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN059732.D
Acq: 16 Jan 2020 15:18

Instrument :
MSVOA_N
ClientSampleId :
VN0116WBSD01

Tgt Ion: 88 Resp: 15316
Ion Ratio Lower Upper
88 100
43 32.3 29.7 44.5
58 63.7 56.6 85.0

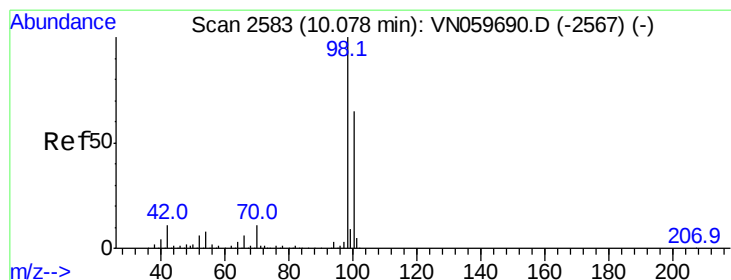
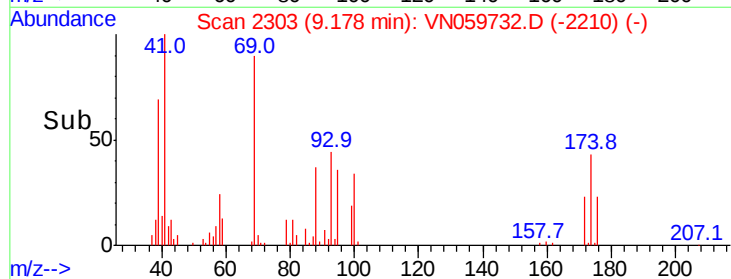
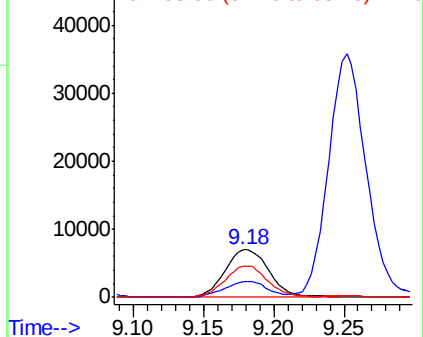


Abundance

Ion 88.00 (87.70 to 88.70): VN0

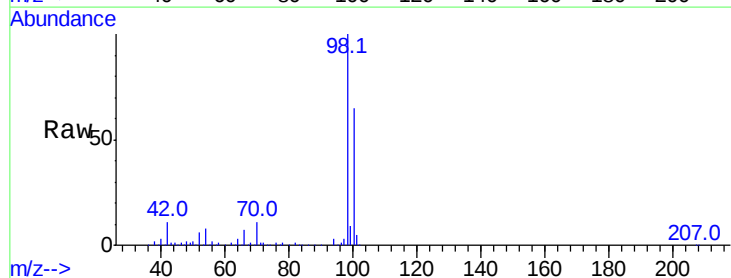
Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50
Toluene-d8
Concen: 49.208 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059732.D
Acq: 16 Jan 2020 15:18

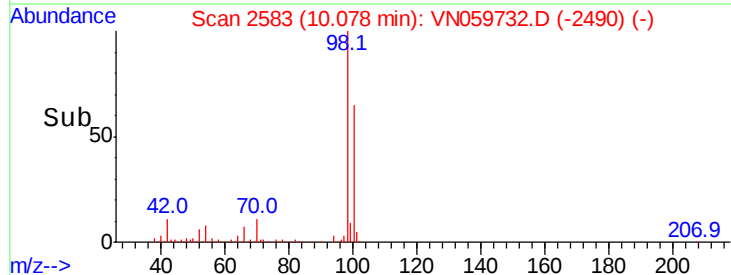
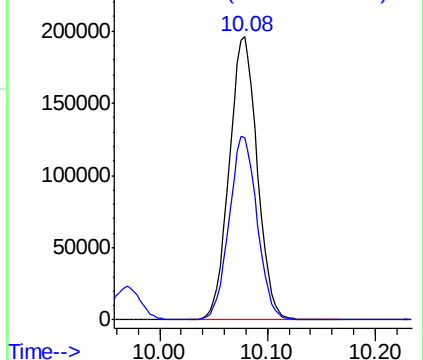
Tgt Ion: 98 Resp: 355786
Ion Ratio Lower Upper
98 100
100 64.7 51.2 76.8

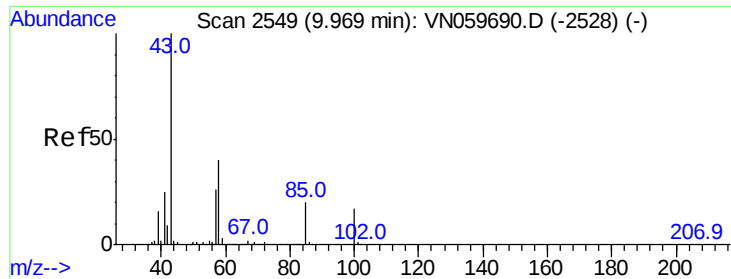


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

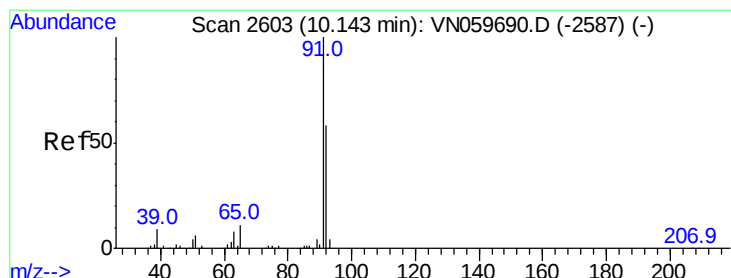
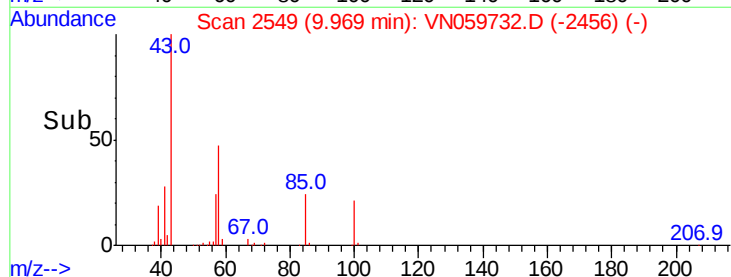
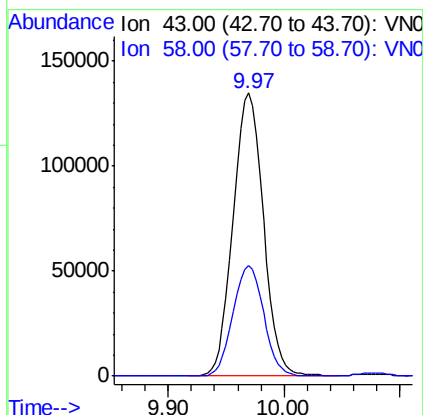
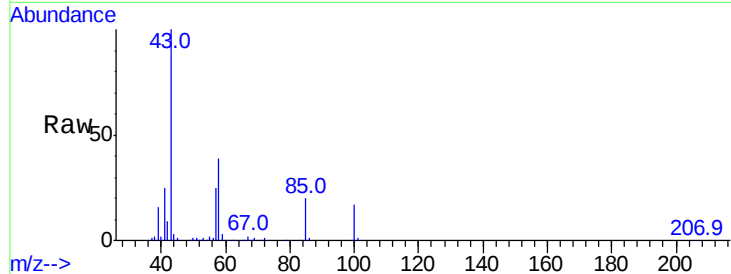




#51
 4-Methyl-2-Pentanone
 Concen: 96.231 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: VN059732.D
 Acq: 16 Jan 2020 15:18

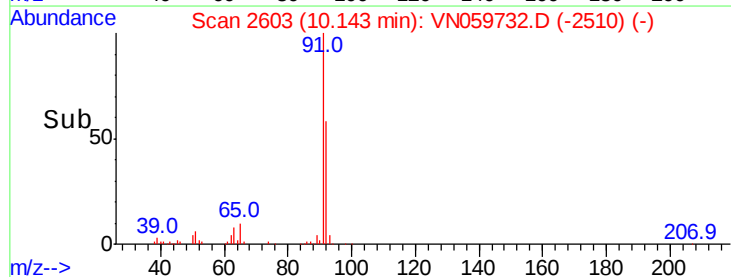
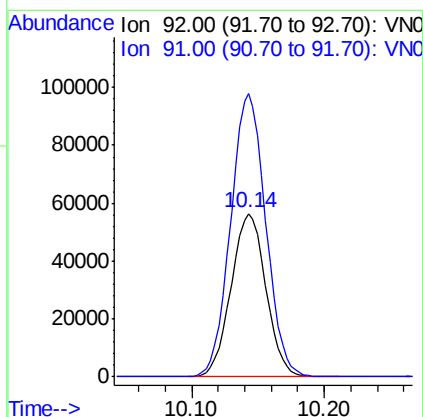
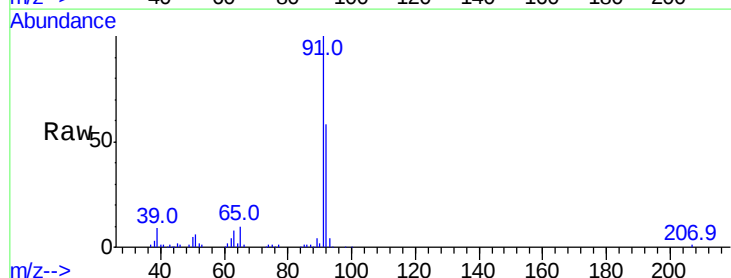
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0116WBSD01

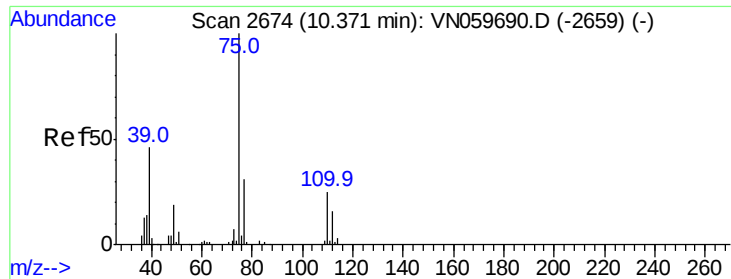
Tgt Ion: 43 Resp: 244552
 Ion Ratio Lower Upper
 43 100
 58 39.6 29.8 44.8



#52
 Toluene
 Concen: 20.065 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: VN059732.D
 Acq: 16 Jan 2020 15:18

Tgt Ion: 92 Resp: 103005
 Ion Ratio Lower Upper
 92 100
 91 174.0 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 19.548 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. 0.00 min

Lab File: VN059732.D

Acq: 16 Jan 2020 15:18

Instrument :

MSVOA_N

ClientSampleId :

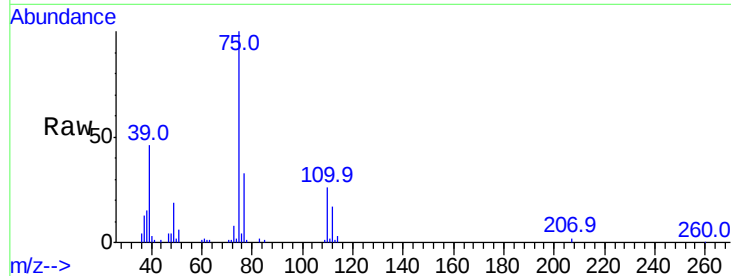
VN0116WBSD01

Tgt Ion: 75 Resp: 62396

Ion Ratio Lower Upper

75 100

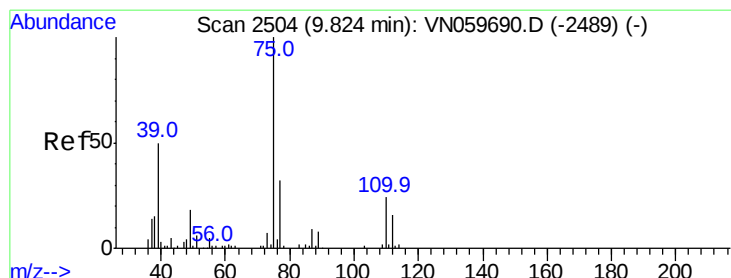
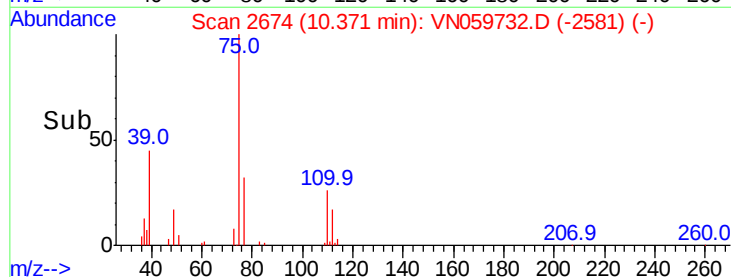
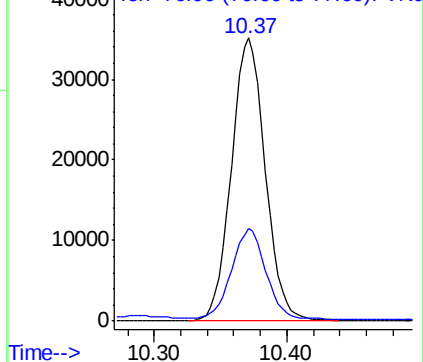
77 32.0 25.4 38.2



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: 19.891 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN059732.D

Acq: 16 Jan 2020 15:18

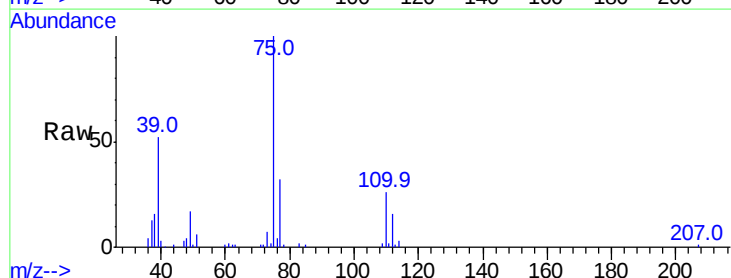
Tgt Ion: 75 Resp: 66806

Ion Ratio Lower Upper

75 100

77 32.2 25.1 37.7

39 51.6 46.1 69.1

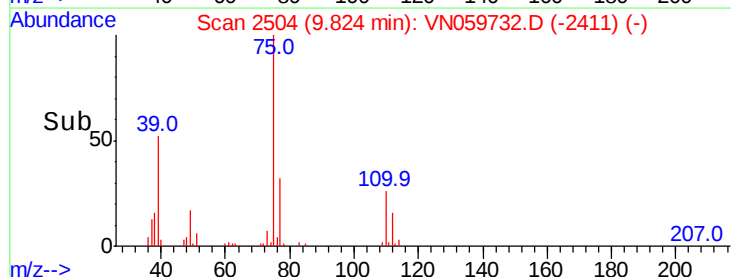
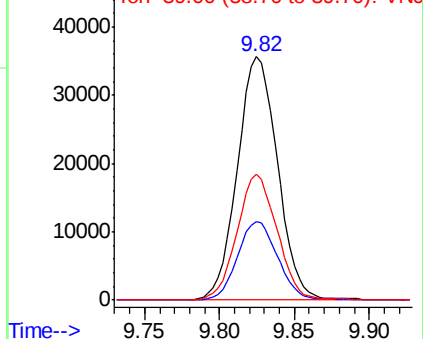


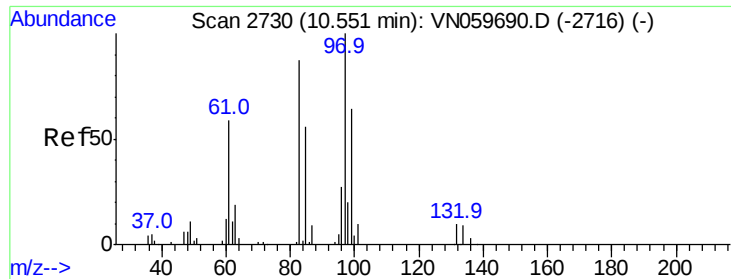
Abundance

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

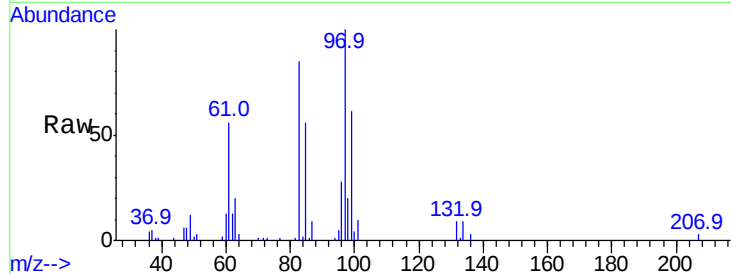




#55
 1,1,2-Trichloroethane
 Concen: 20.076 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN059732.D
 Acq: 16 Jan 2020 15:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0116WBSD01

Tgt Ion:	97	Resp:	40817
Ion	Ratio	Lower	Upper
97	100		
83	85.1	71.3	106.9
85	55.5	45.8	68.8
99	60.8	50.0	75.0



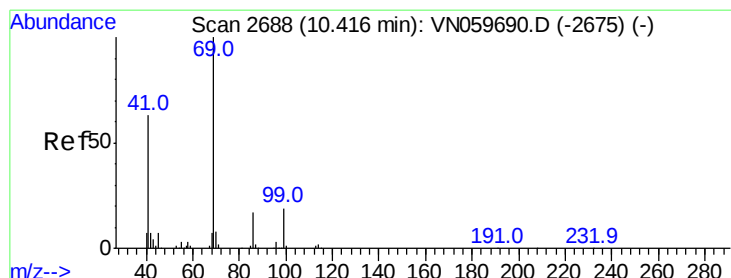
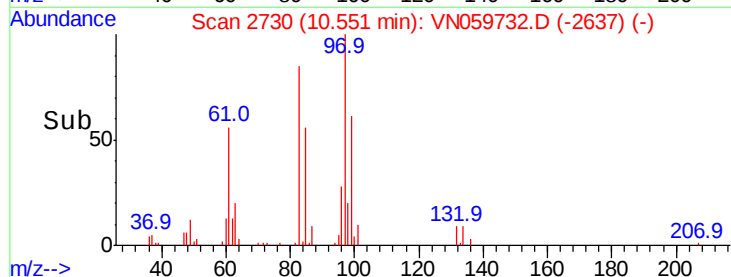
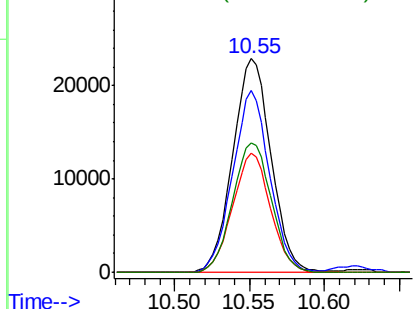
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

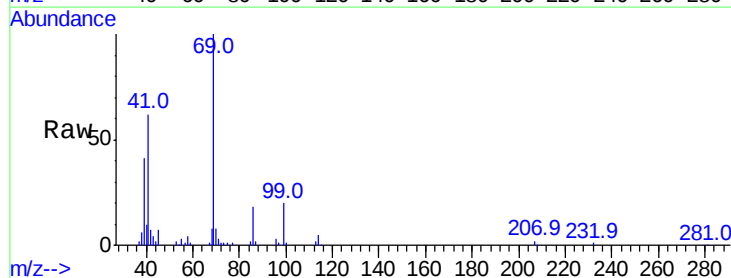
Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56
 Ethyl methacrylate
 Concen: 19.376 ug/l
 RT: 10.42 min Scan# 2689
 Delta R.T. 0.00 min
 Lab File: VN059732.D
 Acq: 16 Jan 2020 15:18

Tgt Ion:	69	Resp:	60195
Ion	Ratio	Lower	Upper
69	100		
41	61.0	57.1	85.7
39	41.4	34.7	52.1

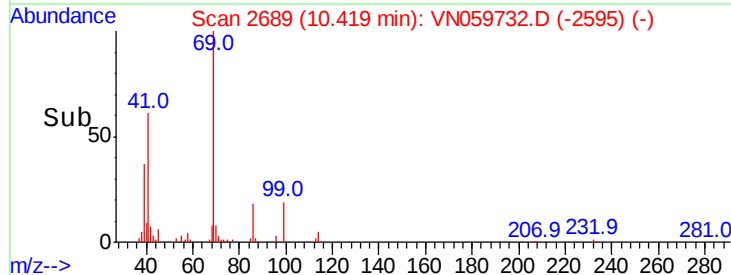
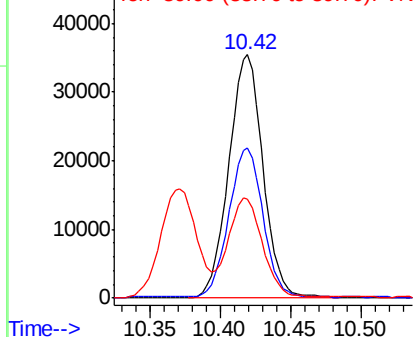


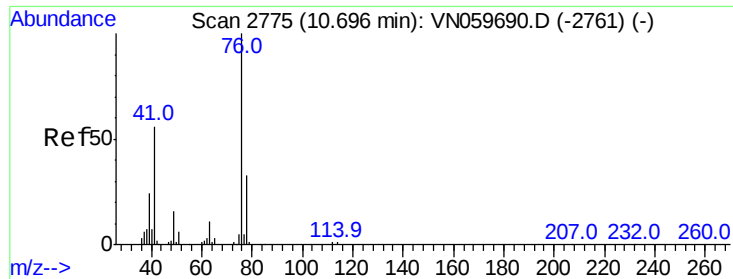
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 20.039 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

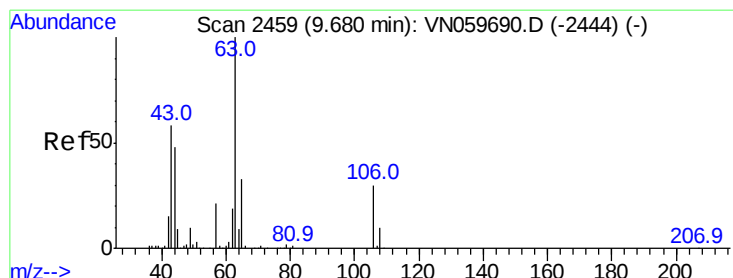
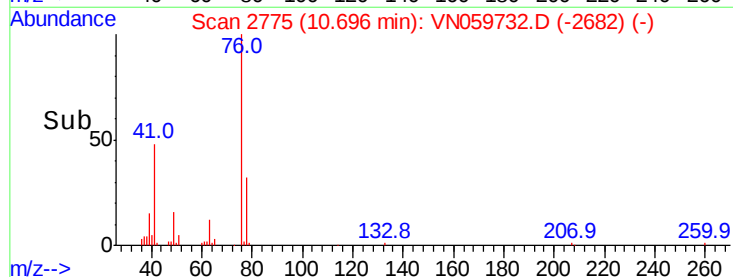
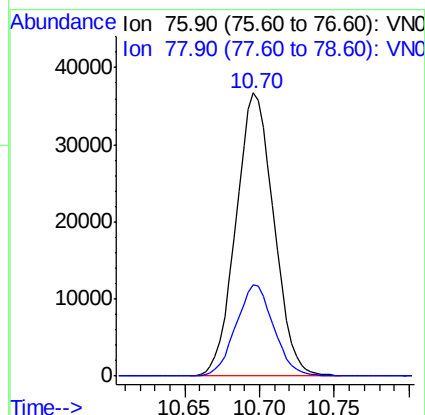
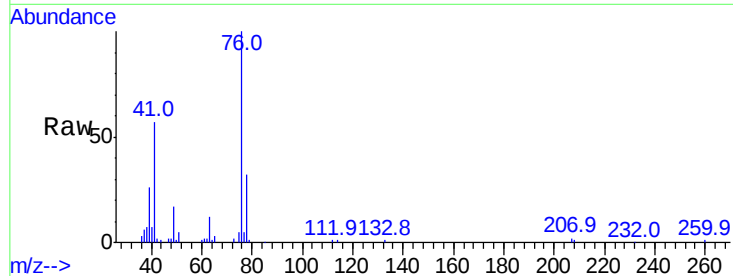
Lab File: VN059732.D

Acq: 16 Jan 2020 15:18

Instrument :
MSVOA_N
ClientSampleId :
VN0116WBSD01

Tgt Ion: 76 Resp: 64682

Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.8	38.8



#58

2-Chloroethyl Vinyl ether

Concen: 105.606 ug/l

RT: 9.68 min Scan# 2459

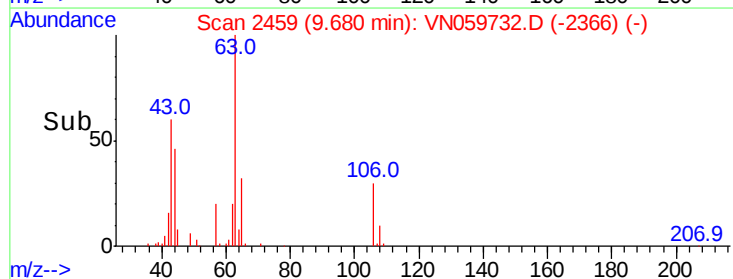
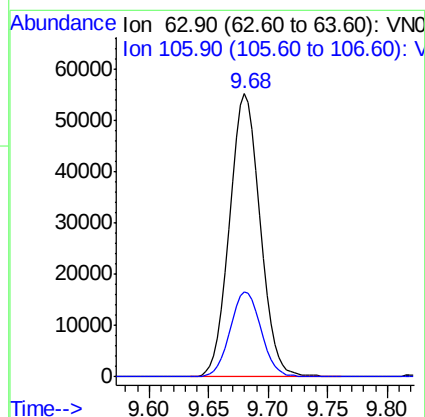
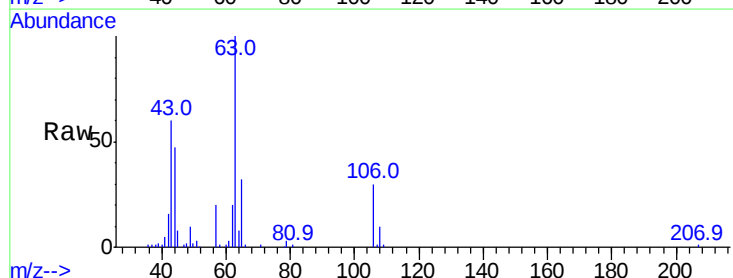
Delta R.T. 0.00 min

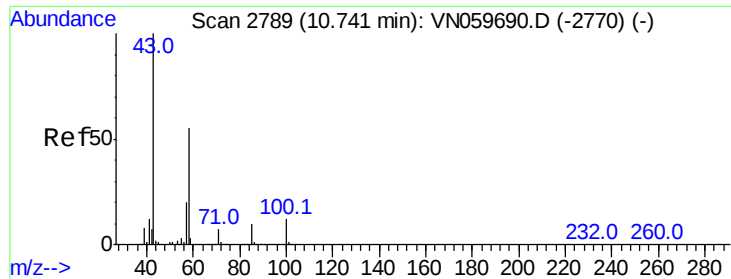
Lab File: VN059732.D

Acq: 16 Jan 2020 15:18

Tgt Ion: 63 Resp: 98819

Ion	Ratio	Lower	Upper
63	100		
106	30.4	20.2	30.2#

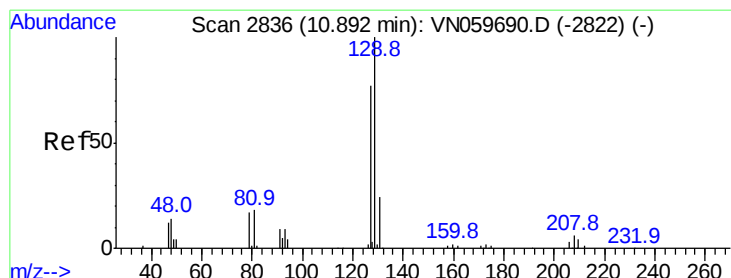
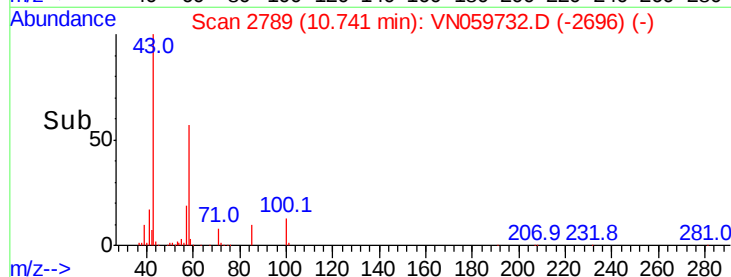
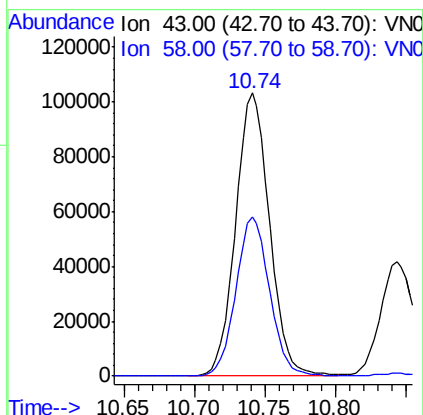
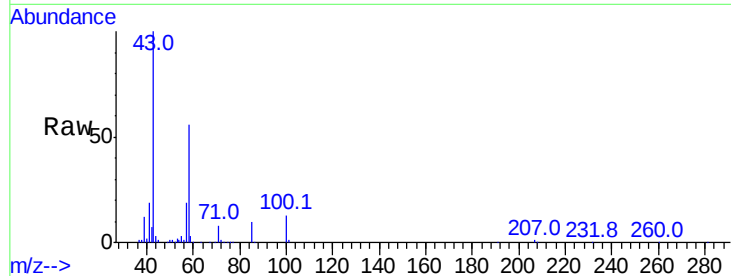




#59
2-Hexanone
Concen: 93.090 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059732.D
Acq: 16 Jan 2020 15:18

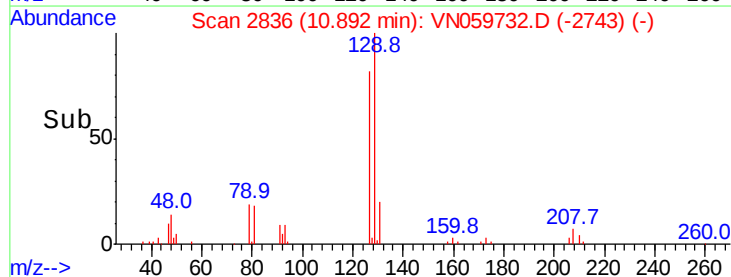
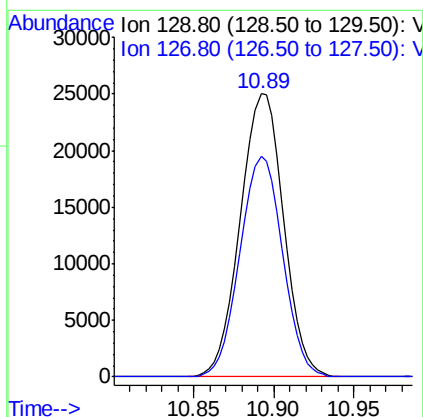
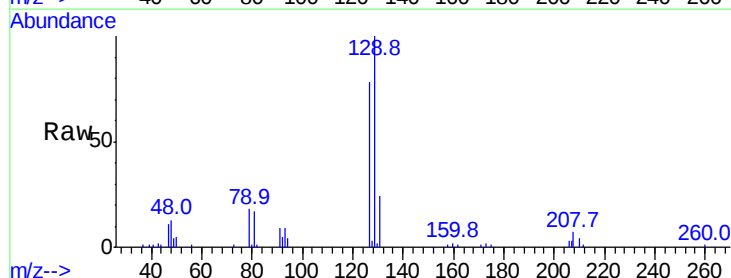
Instrument :
MSVOA_N
ClientSampled :
VN0116WBSD01

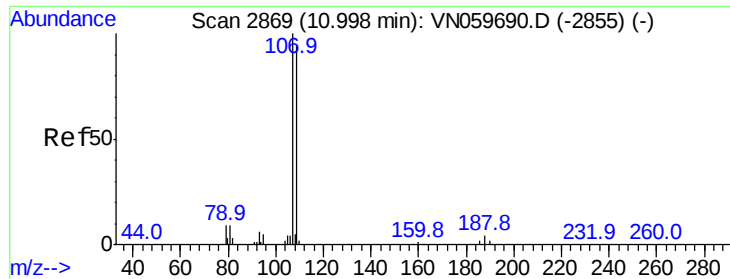
Tgt Ion: 43 Resp: 174282
Ion Ratio Lower Upper
43 100
58 55.9 25.8 77.3



#60
Dibromochloromethane
Concen: 19.984 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059732.D
Acq: 16 Jan 2020 15:18

Tgt Ion: 129 Resp: 46268
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5

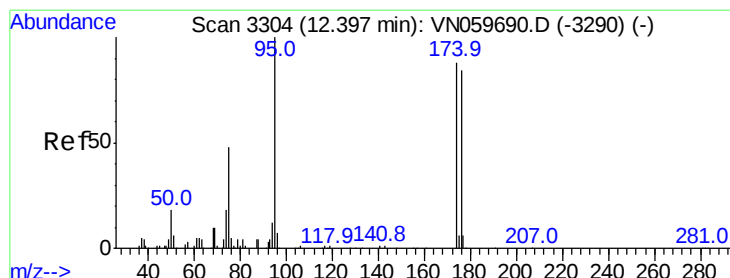
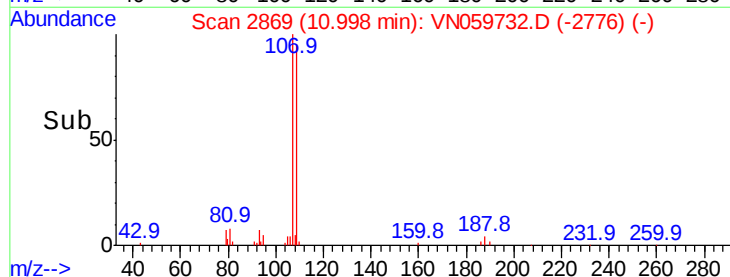
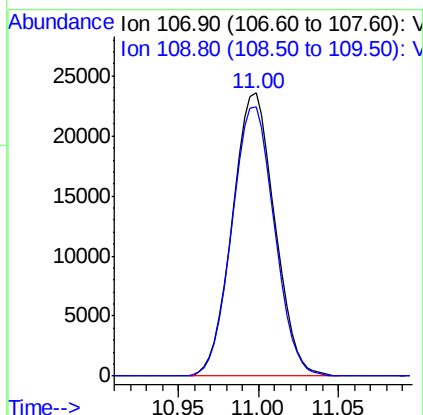
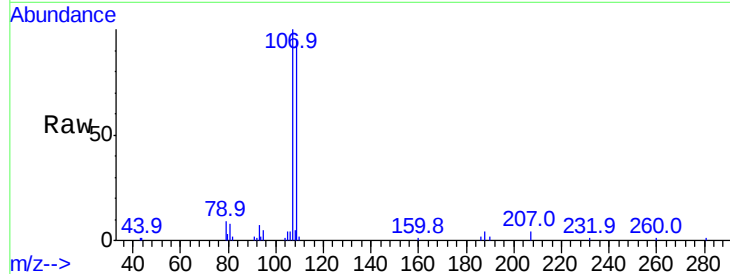




#61
1,2-Dibromoethane
Concen: 20.011 ug/l
RT: 11.00 min Scan# 2869
Delta R.T. 0.00 min
Lab File: VN059732.D
Acq: 16 Jan 2020 15:18

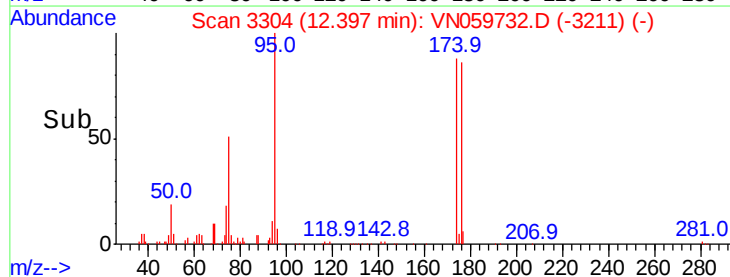
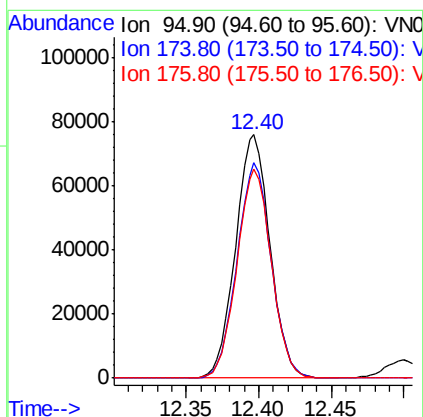
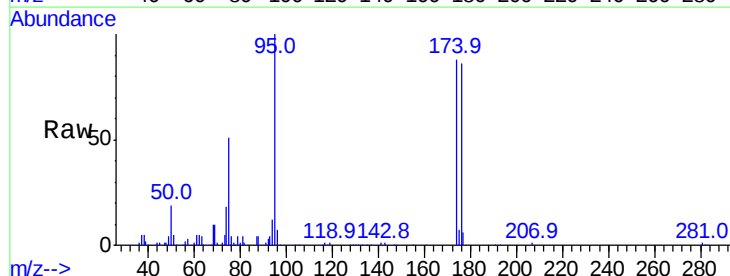
Instrument :
MSVOA_N
ClientSampleId :
VN0116WBSD01

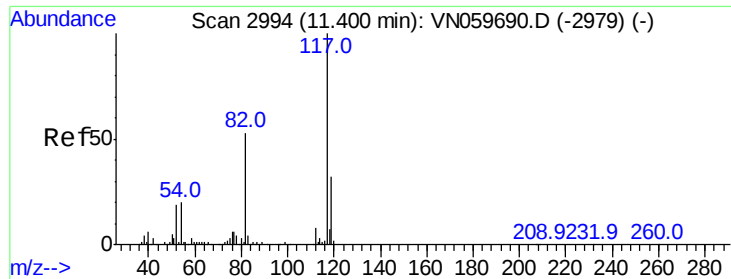
Tgt Ion: 107 Resp: 42642
Ion Ratio Lower Upper
107 100
109 95.2 76.6 115.0



#62
4-Bromofluorobenzene
Concen: 48.002 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN059732.D
Acq: 16 Jan 2020 15:18

Tgt Ion: 95 Resp: 125117
Ion Ratio Lower Upper
95 100
174 87.7 0.0 151.4
176 85.8 0.0 146.0

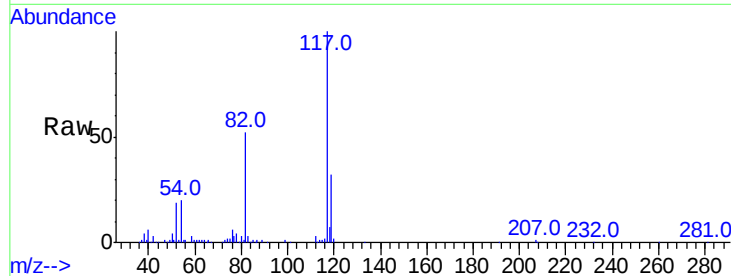




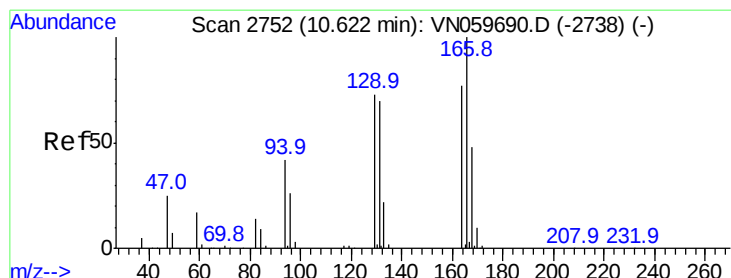
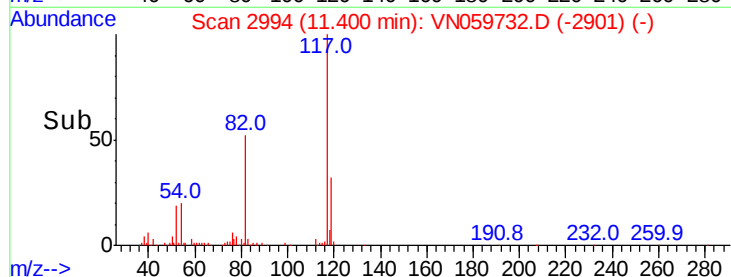
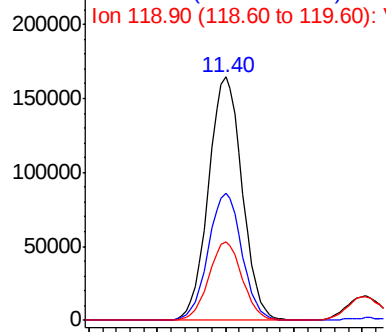
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059732.D
Acq: 16 Jan 2020 15:18

Instrument :
MSVOA_N
ClientSampleId :
VN0116WBSD01

Tgt Ion:117 Resp: 282284
Ion Ratio Lower Upper
117 100
82 52.1 45.9 68.9
119 32.3 25.5 38.3

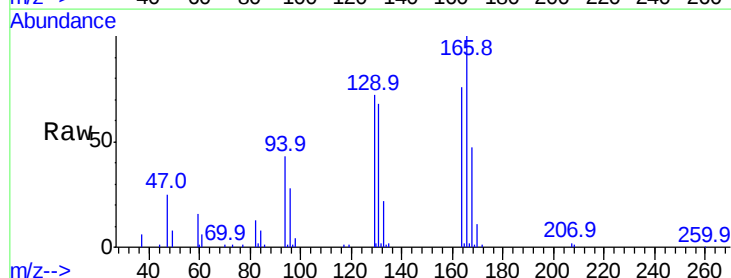


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

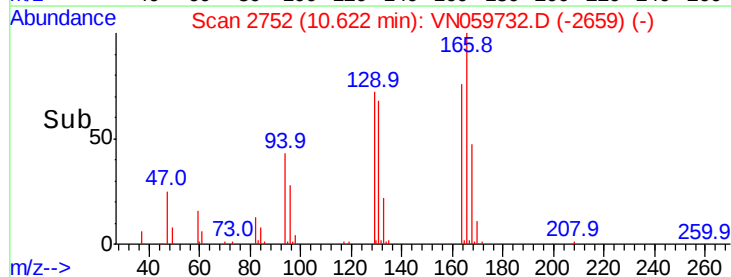
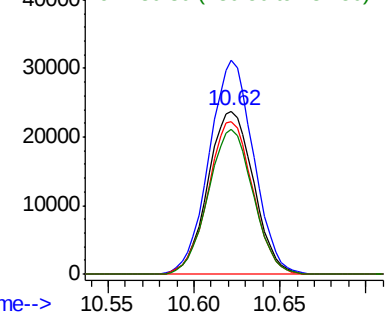


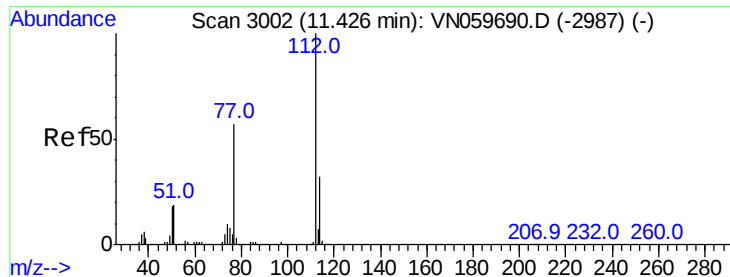
#64
Tetrachloroethene
Concen: 18.995 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059732.D
Acq: 16 Jan 2020 15:18

Tgt Ion:164 Resp: 43701
Ion Ratio Lower Upper
164 100
166 131.2 101.4 152.0
129 94.0 80.2 120.4
131 89.1 75.0 112.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.698 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. 0.00 min

Lab File: VN059732.D

Acq: 16 Jan 2020 15:18

Instrument :

MSVOA_N

ClientSampleId :

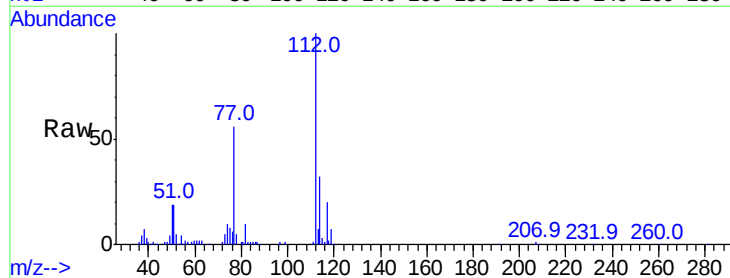
VN0116WBSD01

Tgt Ion:112 Resp: 109294

Ion Ratio Lower Upper

112 100

114 32.3 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.43

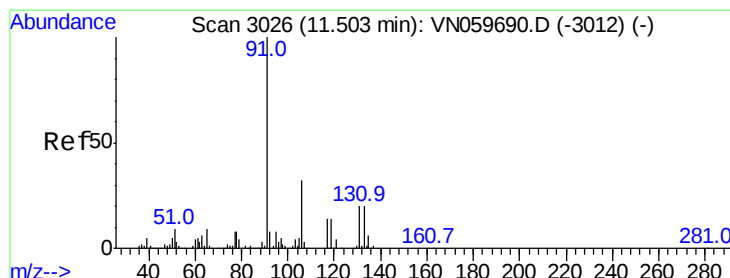
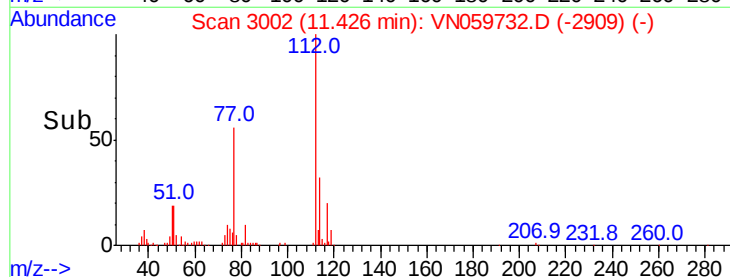
60000

40000

20000

0

Time--> 11.35 11.40 11.45 11.50



#66

1,1,1,2-Tetrachloroethane

Concen: 19.975 ug/l

RT: 11.50 min Scan# 3025

Delta R.T. -0.00 min

Lab File: VN059732.D

Acq: 16 Jan 2020 15:18

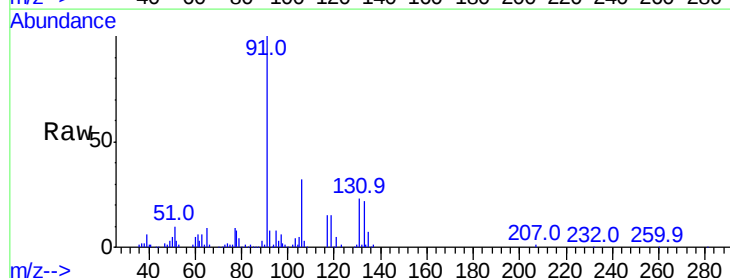
Tgt Ion:131 Resp: 42825

Ion Ratio Lower Upper

131 100

133 100.7 47.4 142.2

119 66.4 33.1 99.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.50

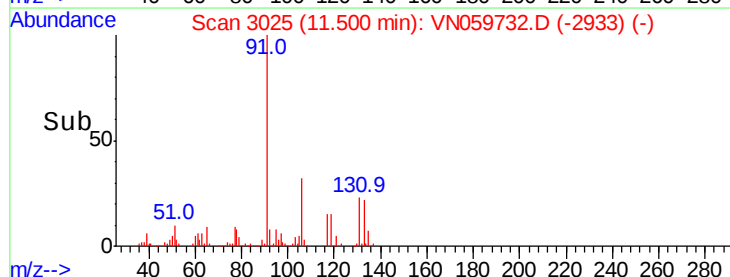
30000

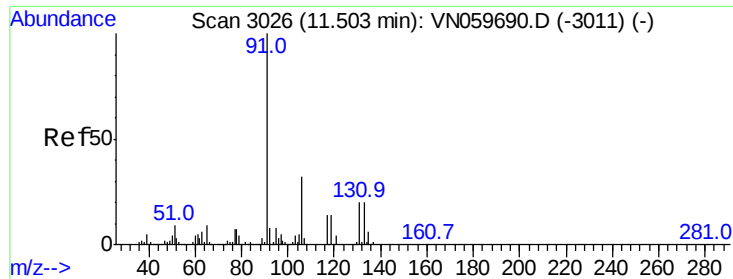
20000

10000

0

Time--> 11.45 11.50 11.55

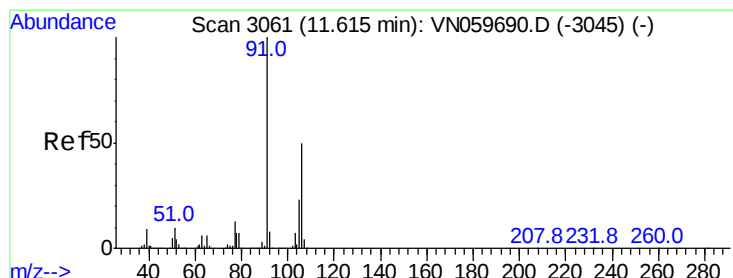
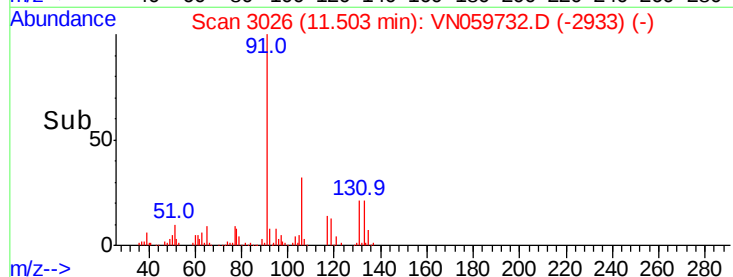
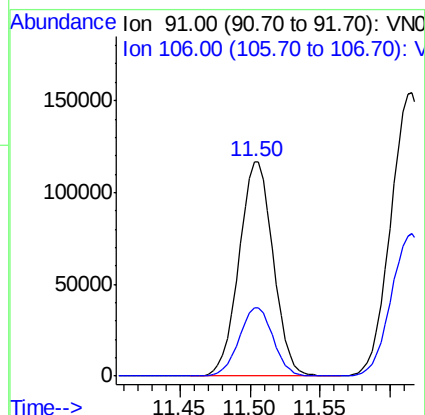
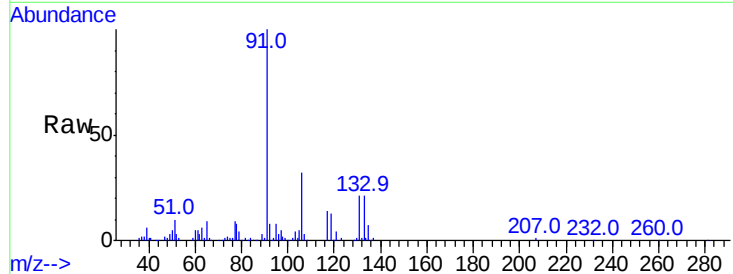




#67
Ethyl Benzene
Concen: 19.698 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059732.D
Acq: 16 Jan 2020 15:18

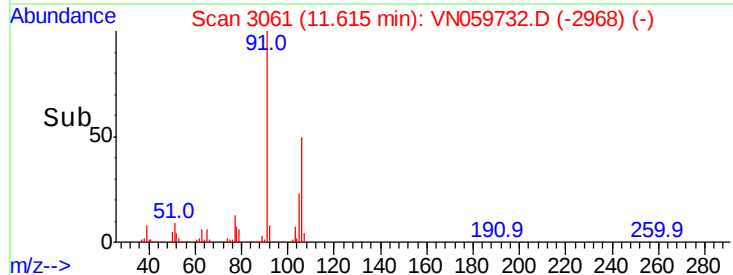
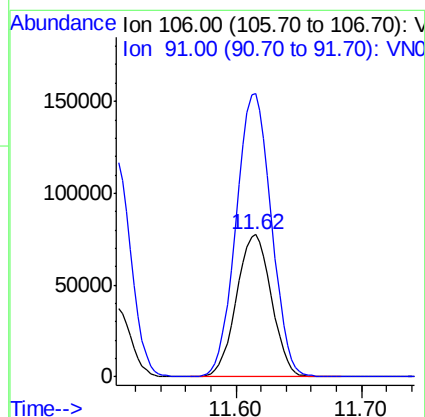
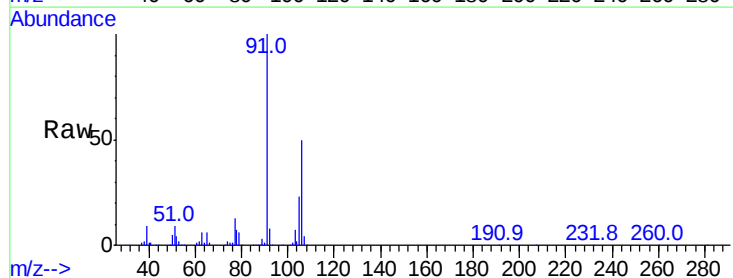
Instrument :
MSVOA_N
ClientSampleId :
VN0116WBSD01

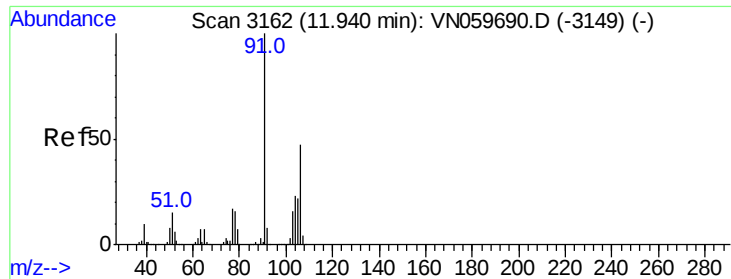
Tgt Ion: 91 Resp: 198405
Ion Ratio Lower Upper
91 100
106 31.6 24.1 36.1



#68
m/p-Xylenes
Concen: 39.433 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN059732.D
Acq: 16 Jan 2020 15:18

Tgt Ion: 106 Resp: 150027
Ion Ratio Lower Upper
106 100
91 201.0 167.9 251.9

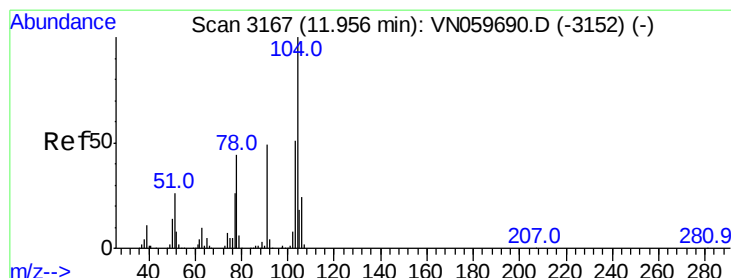
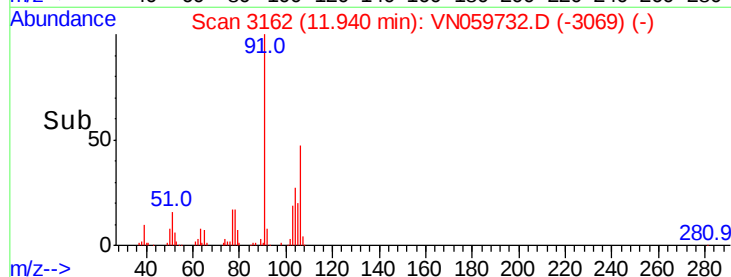
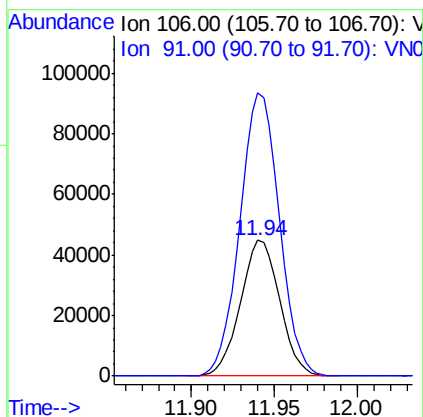
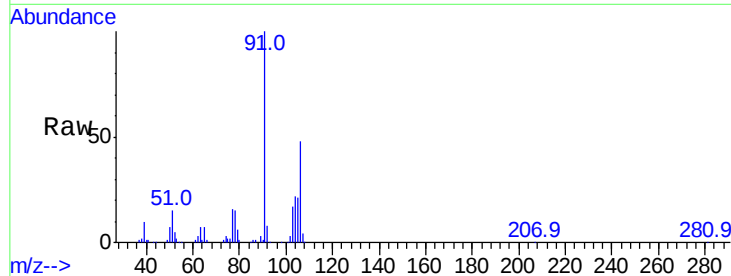




#69
o-Xylene
Concen: 19.876 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059732.D
Acq: 16 Jan 2020 15:18

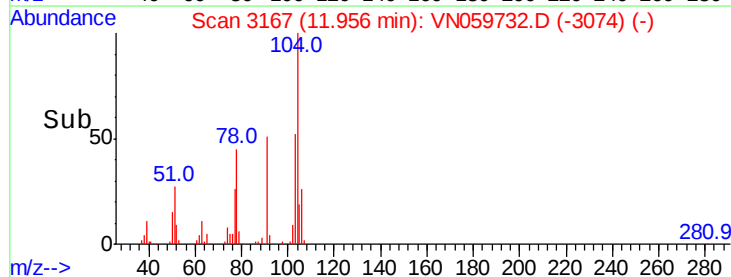
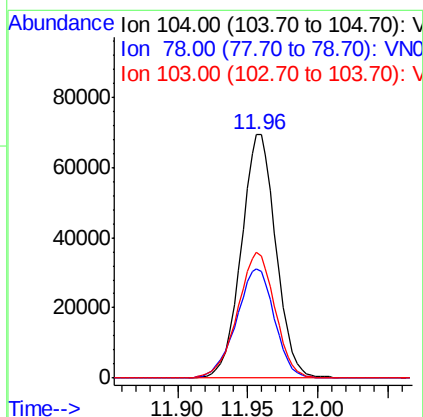
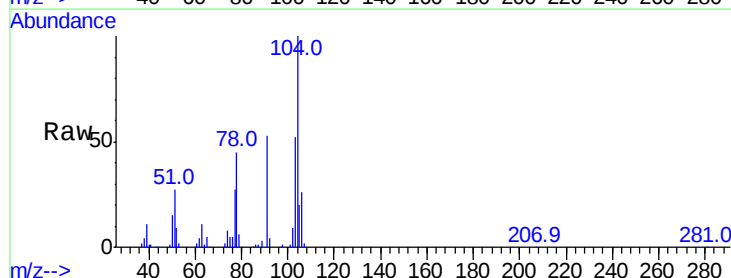
Instrument :
MSVOA_N
ClientSampleId :
VN0116WBSD01

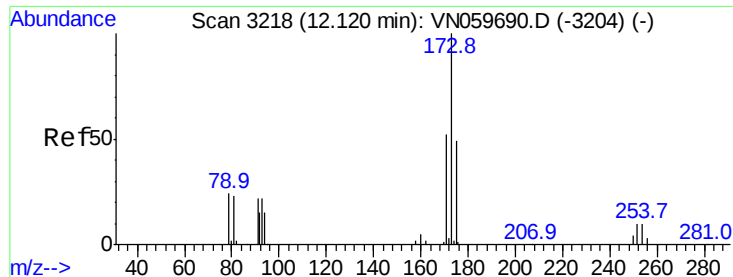
Tgt Ion:106 Resp: 74032
Ion Ratio Lower Upper
106 100
91 210.0 110.3 330.9



#70
Styrene
Concen: 19.123 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN059732.D
Acq: 16 Jan 2020 15:18

Tgt Ion:104 Resp: 119193
Ion Ratio Lower Upper
104 100
78 49.3 42.4 63.6
103 55.8 43.9 65.9

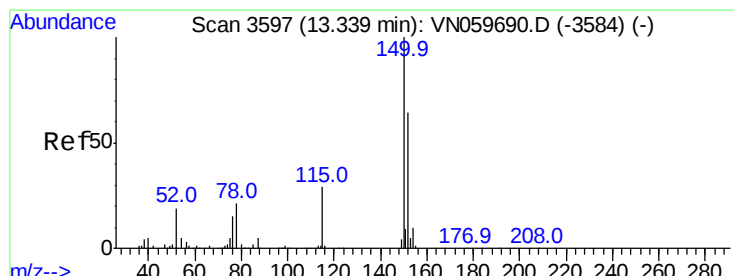
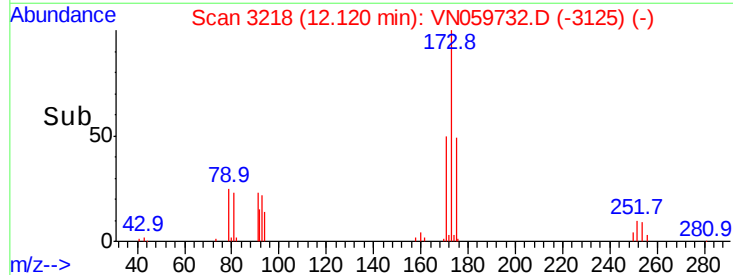
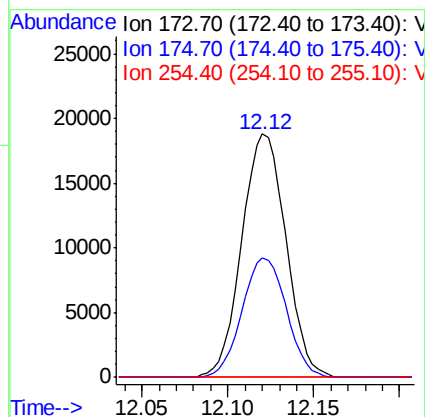
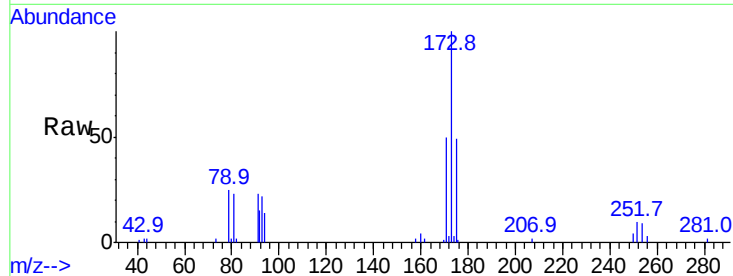




#71
Bromoform
Concen: 19.528 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN059732.D
Acq: 16 Jan 2020 15:18

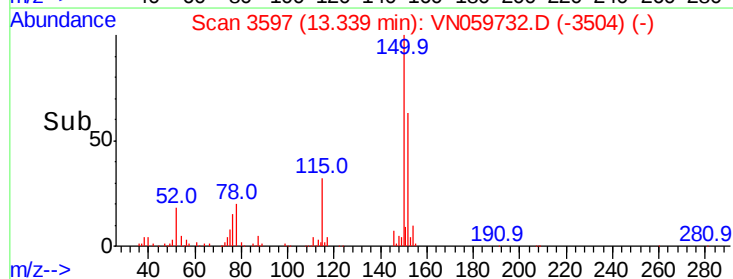
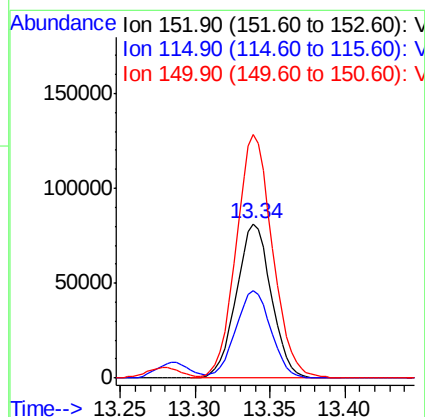
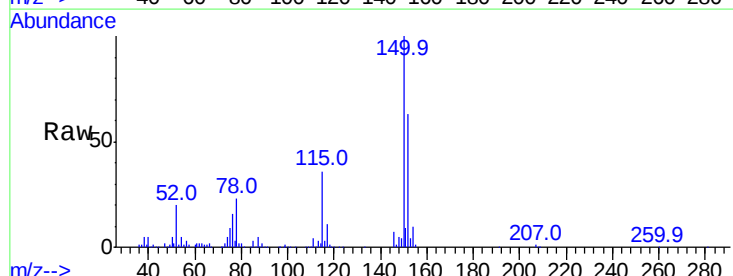
Instrument :
MSVOA_N
ClientSampleId :
VN0116WBSD01

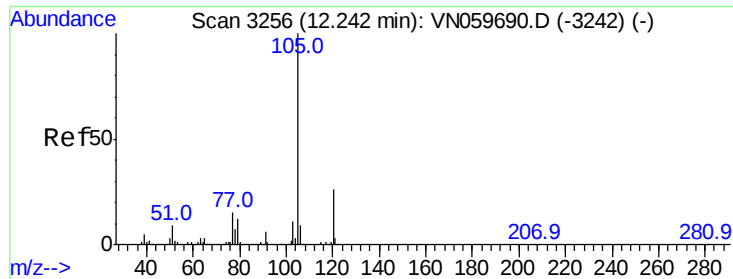
Tgt Ion:173 Resp: 33535
Ion Ratio Lower Upper
173 100
175 49.3 23.8 71.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059732.D
Acq: 16 Jan 2020 15:18

Tgt Ion:152 Resp: 132487
Ion Ratio Lower Upper
152 100
115 57.0 30.3 90.9
150 163.9 0.0 345.2





#73

Isopropylbenzene

Concen: 20.410 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059732.D

Acq: 16 Jan 2020 15:18

Instrument :

MSVOA_N

ClientSampleId :

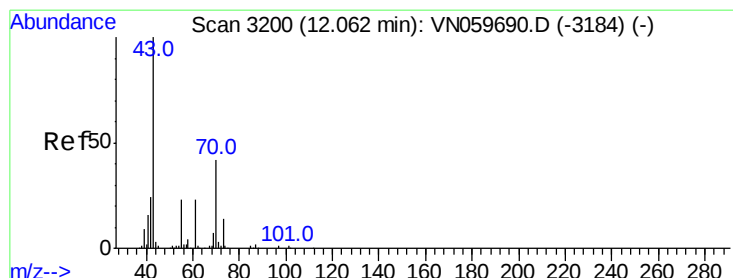
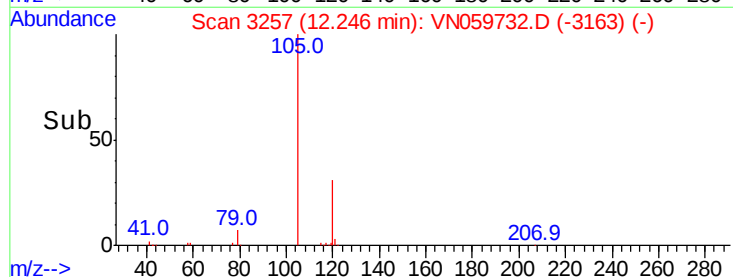
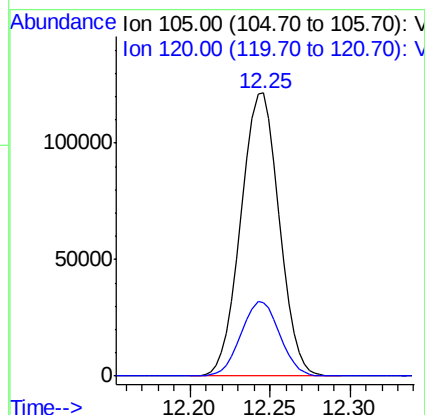
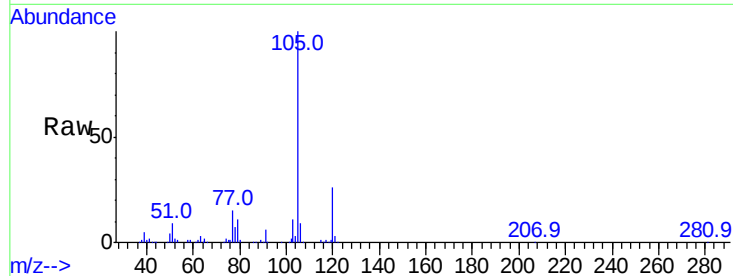
VN0116WBSD01

Tgt Ion: 105 Resp: 198314

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.5



#74

N-ethyl acetate

Concen: 18.730 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN059732.D

Acq: 16 Jan 2020 15:18

Tgt Ion: 43 Resp: 70617

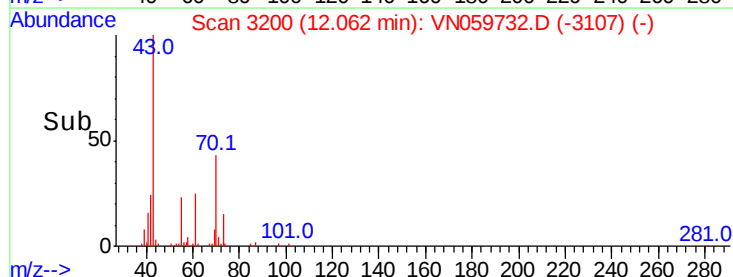
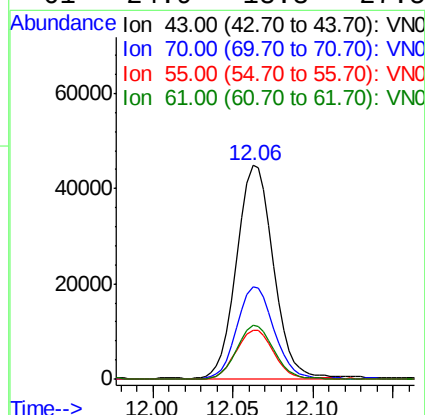
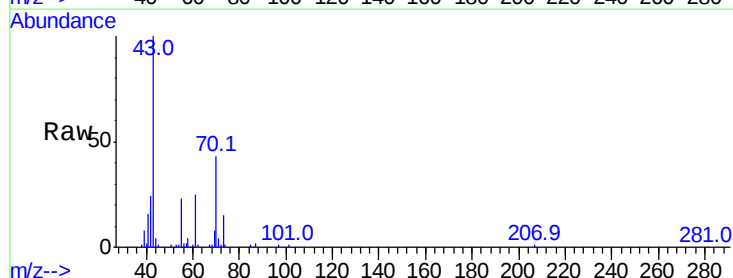
Ion Ratio Lower Upper

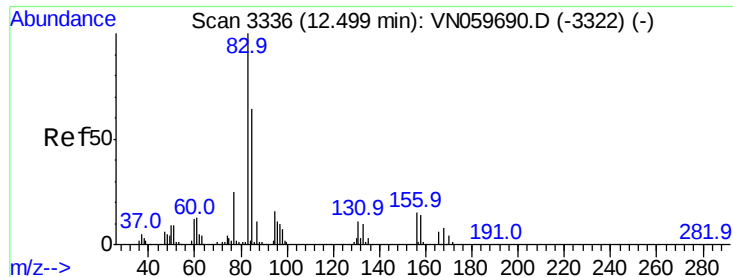
43 100

70 43.5 31.3 46.9

55 23.4 19.8 29.6

61 24.9 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.966 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059732.D

Acq: 16 Jan 2020 15:18

Instrument :

MSVOA_N

ClientSampled :

VN0116WBSD01

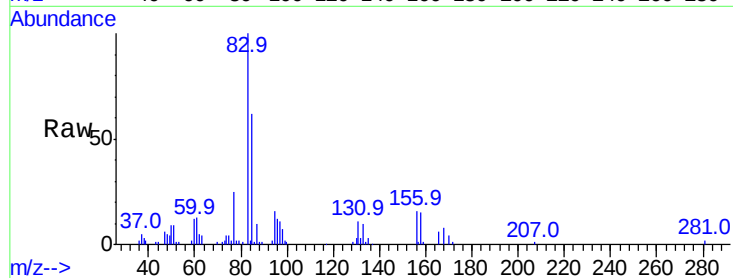
Tgt Ion: 83 Resp: 56241

Ion Ratio Lower Upper

83 100

131 10.7 5.0 14.9

85 63.3 31.9 95.5

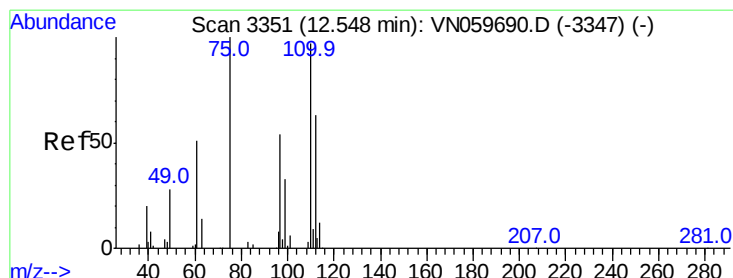
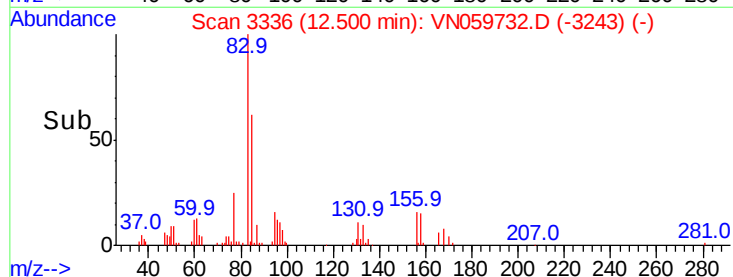
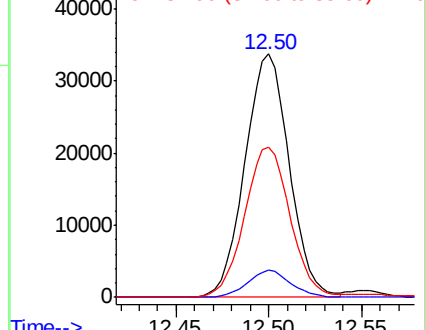


Abundance

Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN

Ion 84.90 (84.60 to 85.60): VN



#76

1,2,3-Trichloropropane

Concen: 33.390 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN059732.D

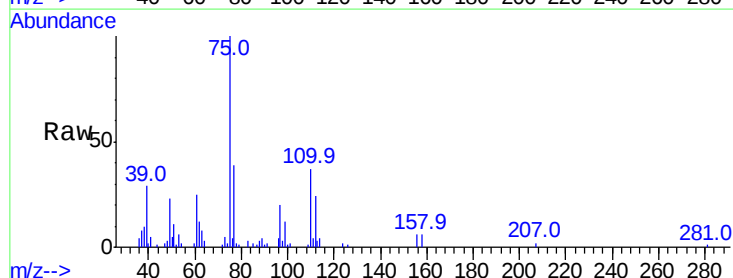
Acq: 16 Jan 2020 15:18

Tgt Ion: 75 Resp: 74447

Ion Ratio Lower Upper

75 100

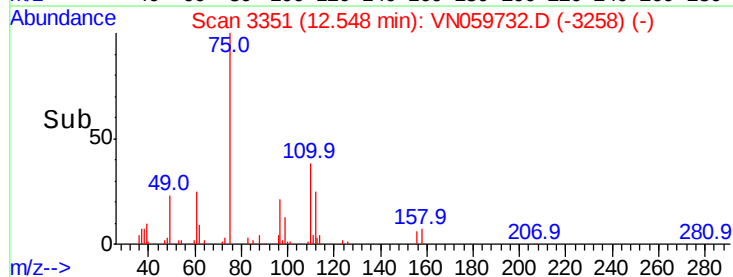
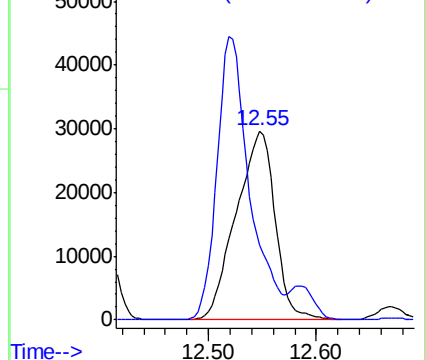
77 0.0 0.0 0.0

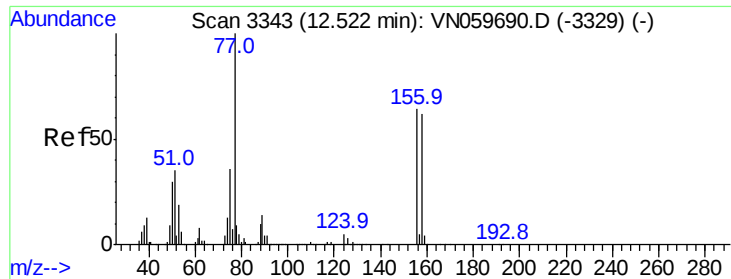


Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

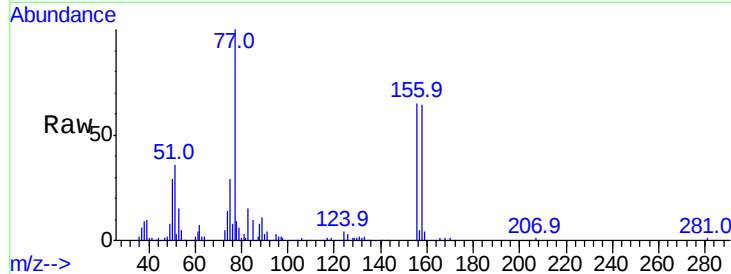




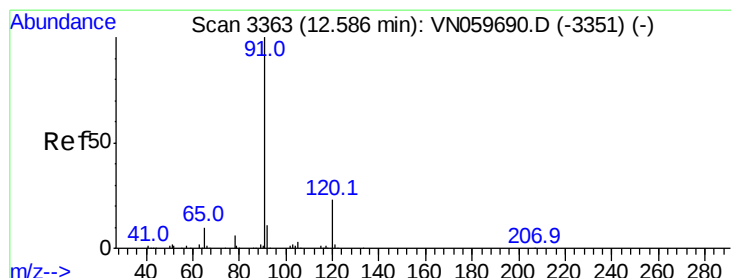
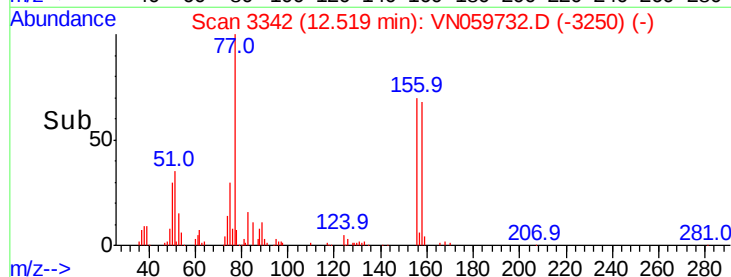
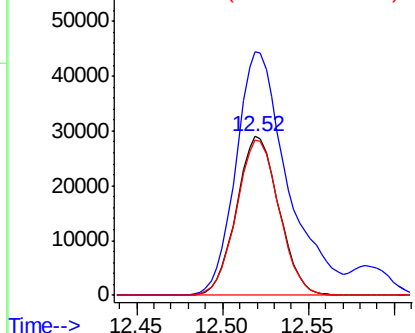
#77
Bromobenzene
Concen: 20.185 ug/l
RT: 12.52 min Scan# 3342
Delta R.T. -0.00 min
Lab File: VN059732.D
Acq: 16 Jan 2020 15:18

Instrument :
MSVOA_N
ClientSampleId :
VN0116WBSD01

Tgt Ion:156 Resp: 49667
Ion Ratio Lower Upper
156 100
77 187.8 115.8 347.4
158 98.3 49.2 147.6

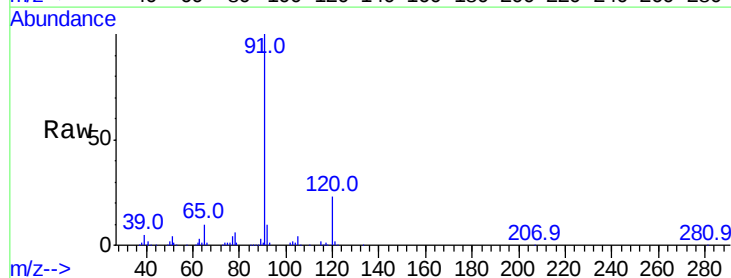


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN0
Ion 157.80 (157.50 to 158.50): V

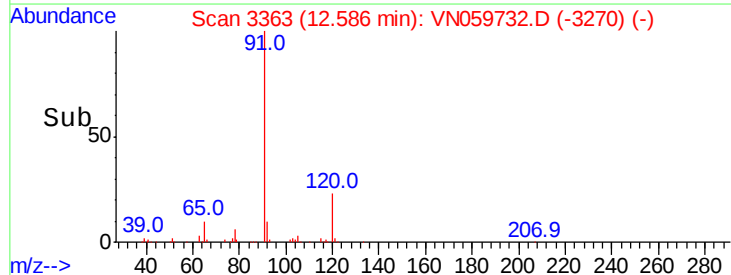
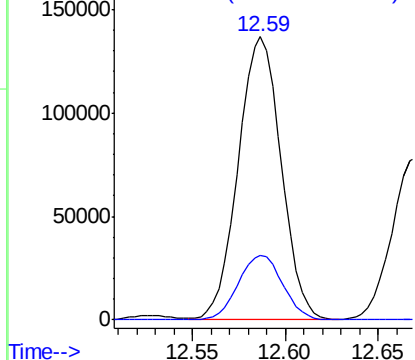


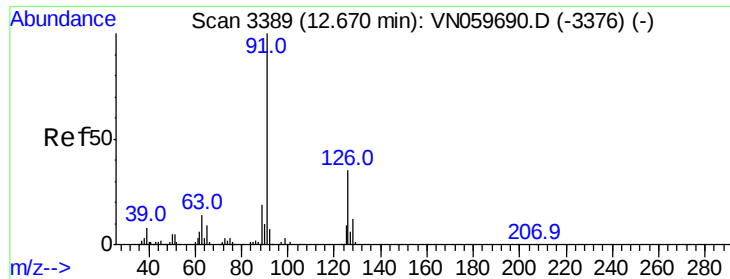
#78
n-propylbenzene
Concen: 20.009 ug/l
RT: 12.59 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN059732.D
Acq: 16 Jan 2020 15:18

Tgt Ion: 91 Resp: 218216
Ion Ratio Lower Upper
91 100
120 23.6 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 120.00 (119.70 to 120.70): V

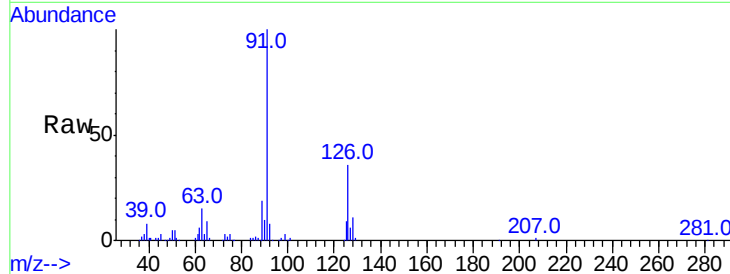




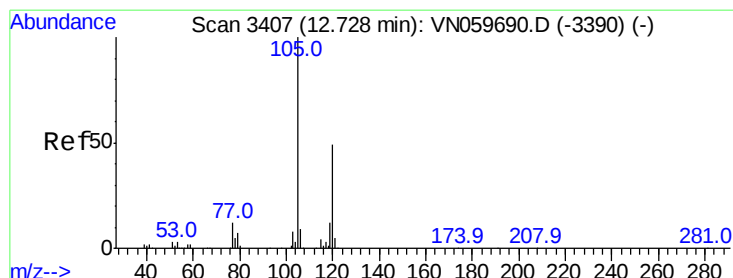
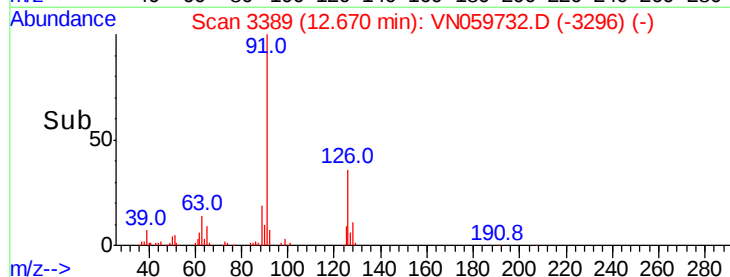
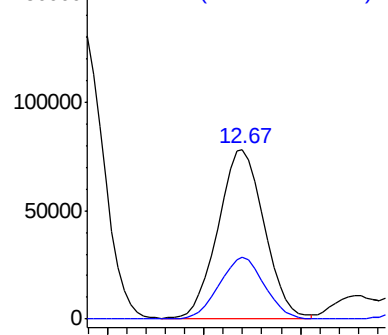
#79
 2-Chlorotoluene
 Concen: 19.879 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. 0.00 min
 Lab File: VN059732.D
 Acq: 16 Jan 2020 15:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0116WBSD01

Tgt Ion: 91 Resp: 128972
 Ion Ratio Lower Upper
 91 100
 126 36.1 16.3 48.9

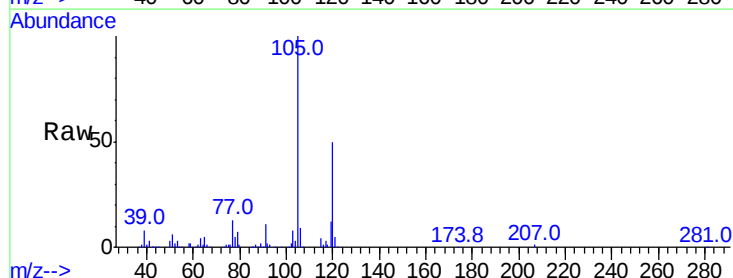


Abundance Ion 91.00 (90.70 to 91.70): VN0
 Ion 125.90 (125.60 to 126.60): V

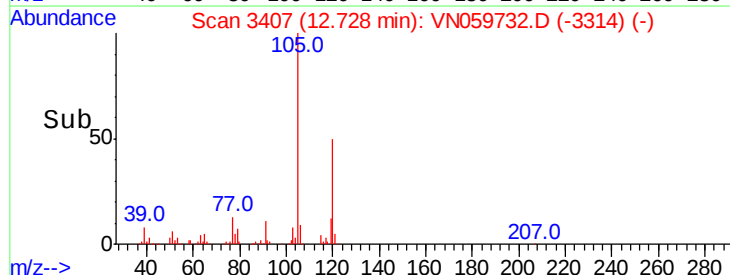
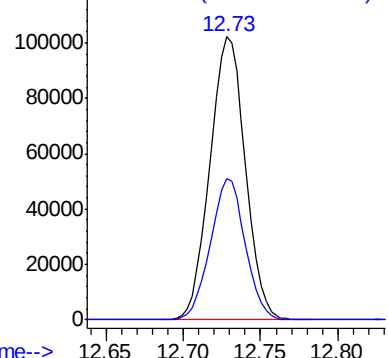


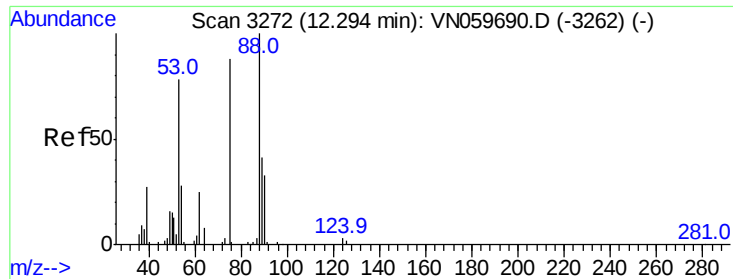
#80
 1,3,5-Trimethylbenzene
 Concen: 19.905 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN059732.D
 Acq: 16 Jan 2020 15:18

Tgt Ion: 105 Resp: 162652
 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





#81

trans-1,4-Dichloro-2-butene

Concen: 18.510 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

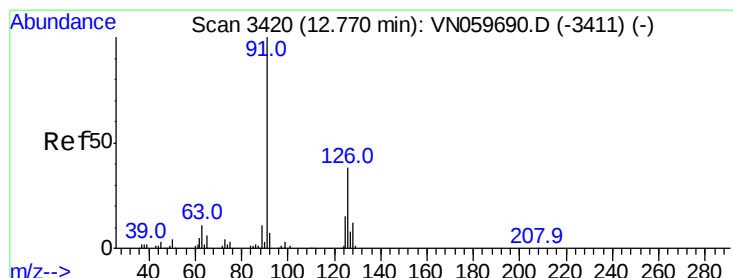
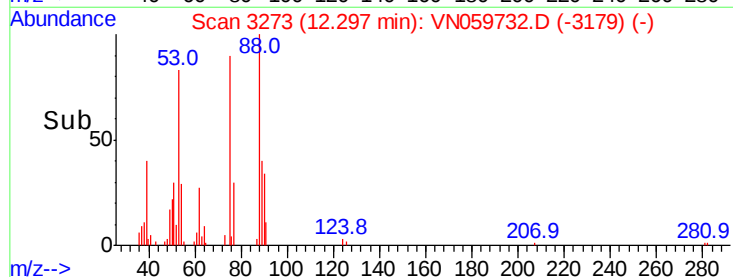
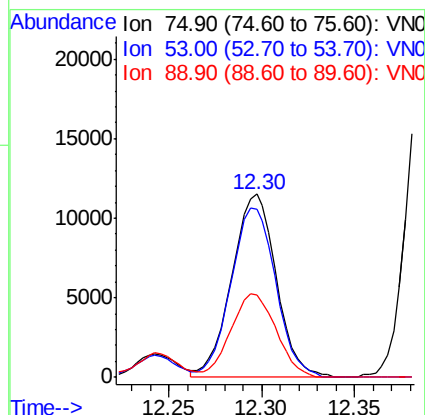
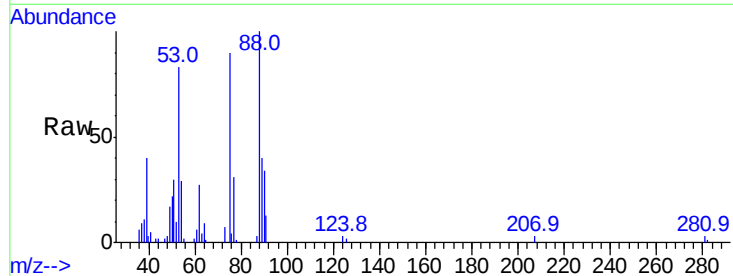
Lab File: VN059732.D

Acq: 16 Jan 2020 15:18

Instrument :
MSVOA_N
ClientSampleId :
VN0116WBSD01

Tgt Ion: 75 Resp: 19218

Ion	Ratio	Lower	Upper
75	100		
53	93.5	78.1	117.1
89	46.5	35.4	53.2



#82

4-Chlorotoluene

Concen: 20.176 ug/l

RT: 12.77 min Scan# 3420

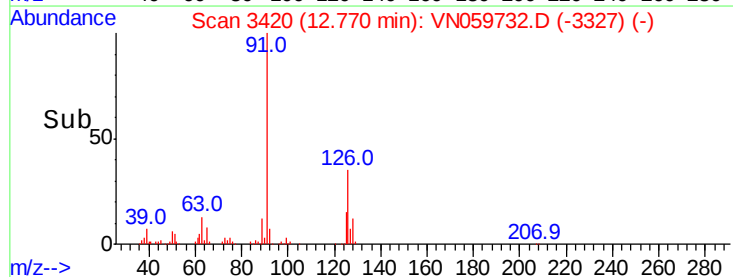
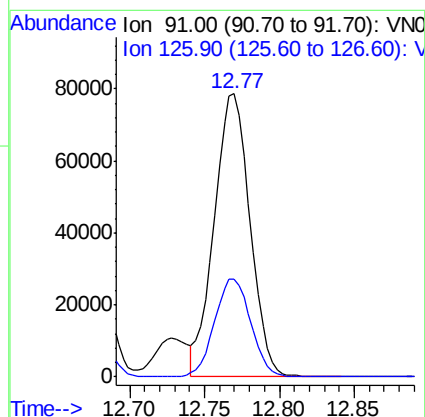
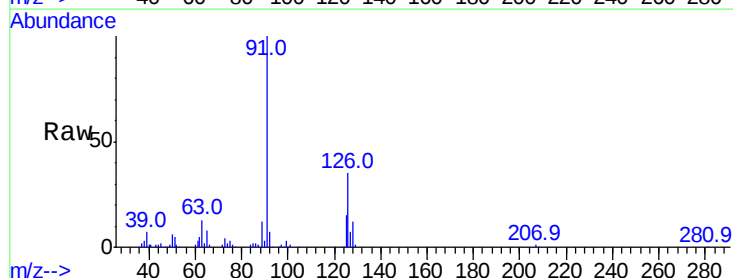
Delta R.T. 0.00 min

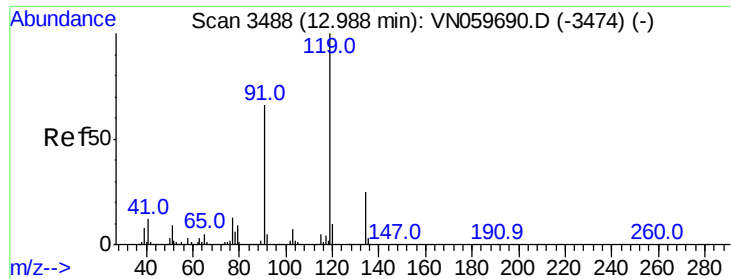
Lab File: VN059732.D

Acq: 16 Jan 2020 15:18

Tgt Ion: 91 Resp: 131293

Ion	Ratio	Lower	Upper
91	100		
126	35.0	16.3	48.8

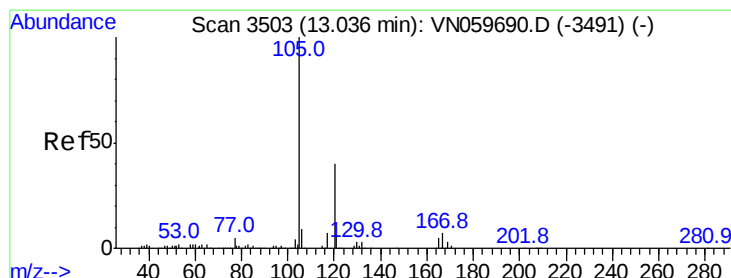
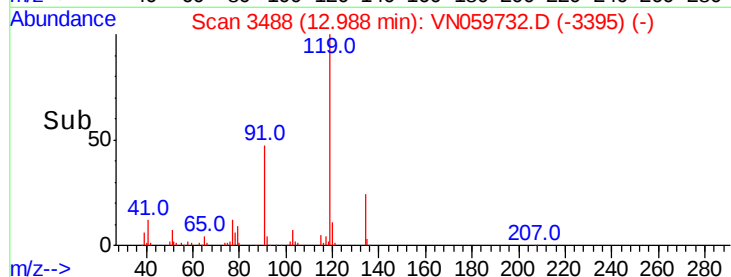
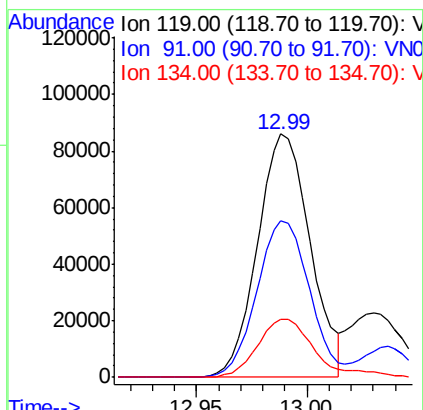
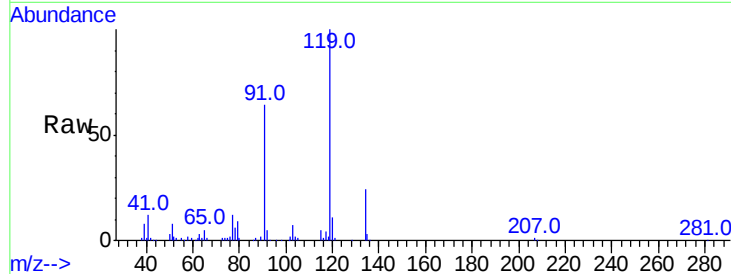




#83
 tert-Butylbenzene
 Concen: 20.148 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. 0.00 min
 Lab File: VN059732.D
 Acq: 16 Jan 2020 15:18

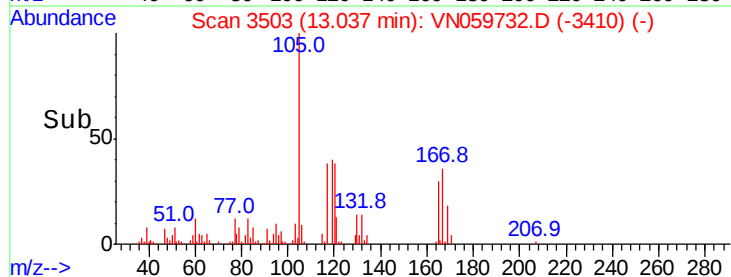
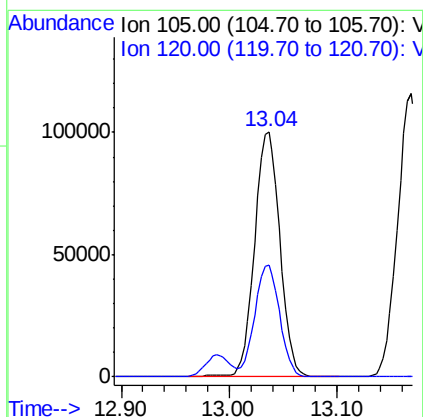
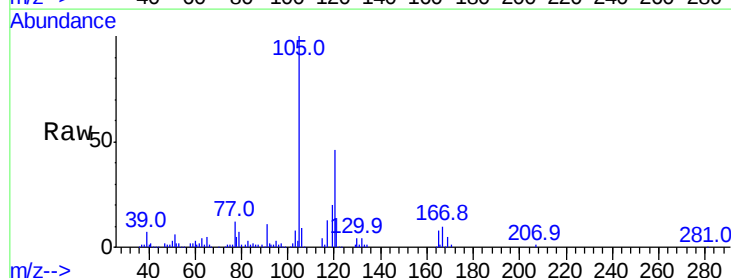
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0116WBSD01

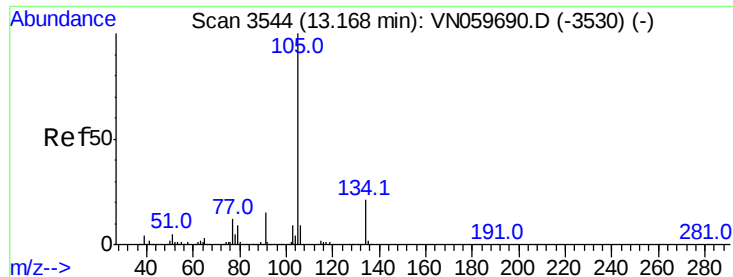
Tgt Ion:119 Resp: 142393
 Ion Ratio Lower Upper
 119 100
 91 64.2 34.8 104.4
 134 26.0 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.161 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN059732.D
 Acq: 16 Jan 2020 15:18

Tgt Ion:105 Resp: 162990
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.3 66.9

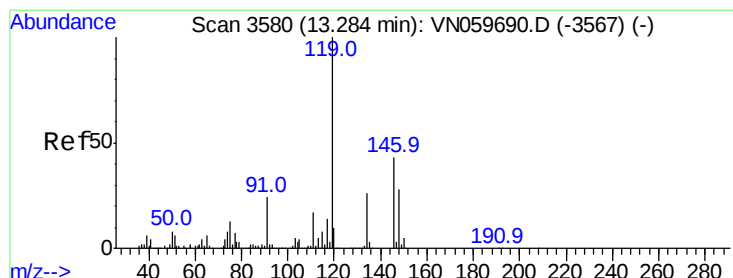
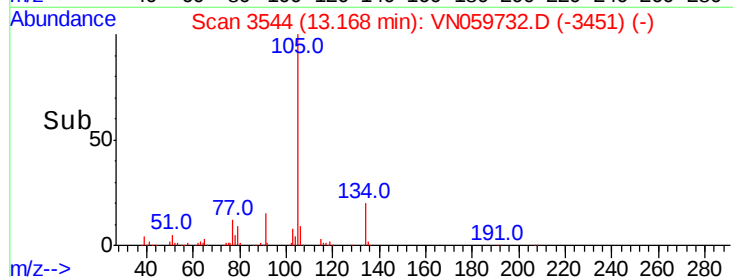
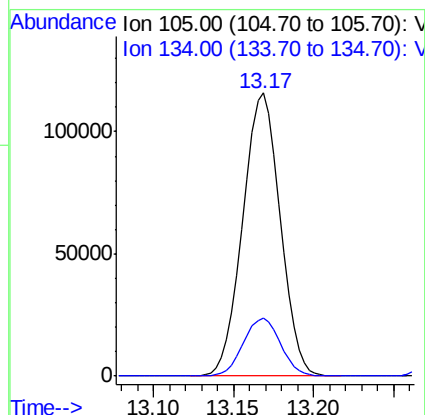
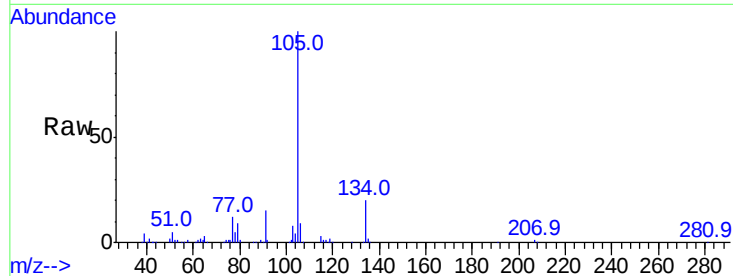




#85
 sec-Butylbenzene
 Concen: 19.889 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN059732.D
 Acq: 16 Jan 2020 15:18

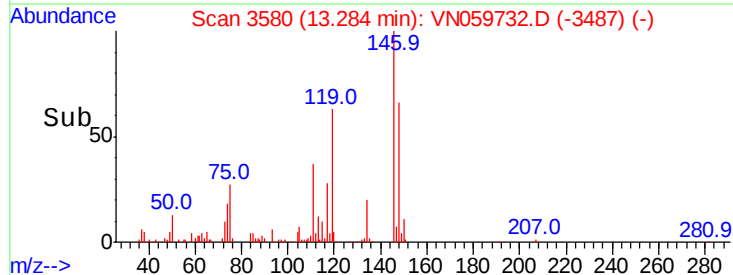
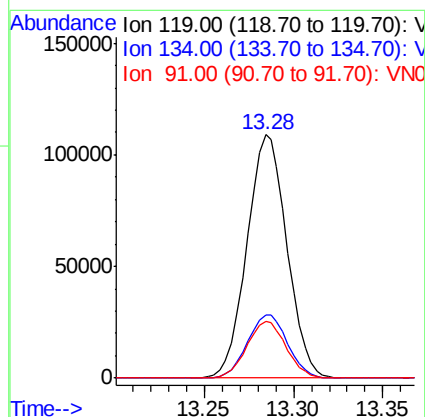
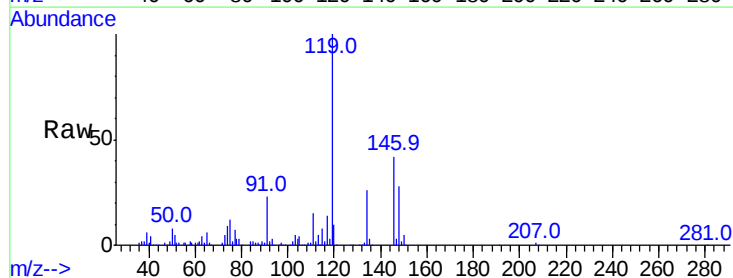
Instrument :
 MSVOA_N
 ClientSampled :
 VN0116WBSD01

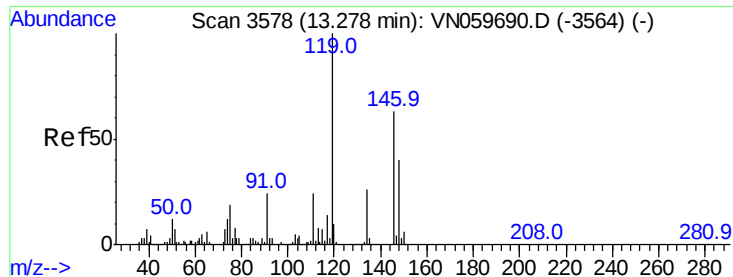
Tgt Ion:105 Resp: 184676
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 19.855 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN059732.D
 Acq: 16 Jan 2020 15:18

Tgt Ion:119 Resp: 170595
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.9 38.7
 91 23.2 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 20.335 ug/l

RT: 13.28 min Scan# 3578

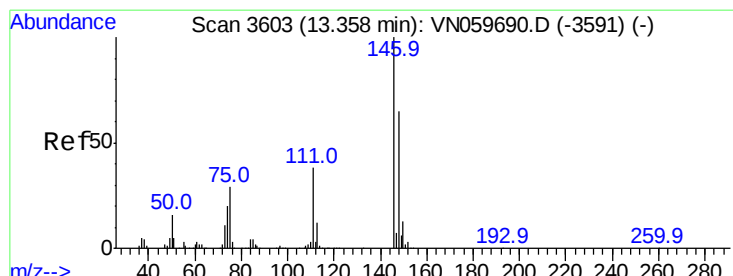
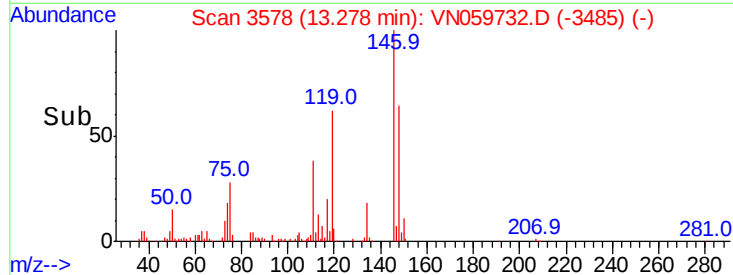
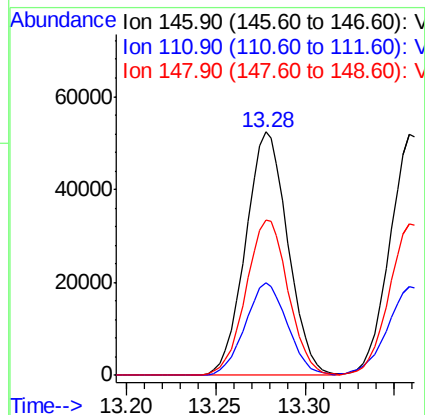
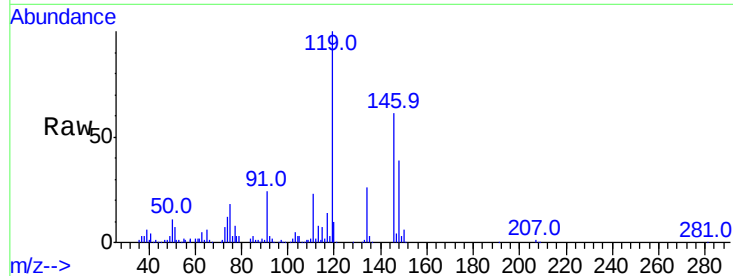
Delta R.T. 0.00 min

Lab File: VN059732.D

Acq: 16 Jan 2020 15:18

Instrument :
MSVOA_N
ClientSampled :
VN0116WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	20.8	62.2
148	63.9	32.0	96.0



#88

1,4-Dichlorobenzene

Concen: 20.037 ug/l

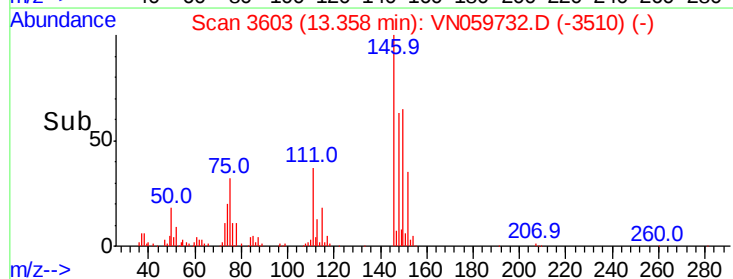
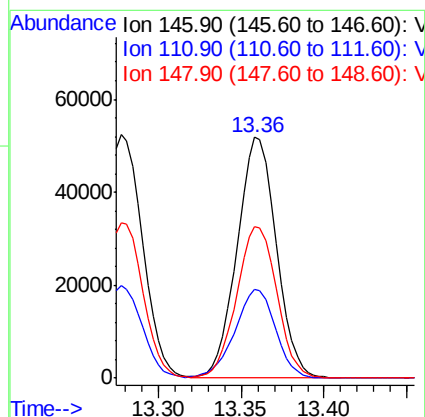
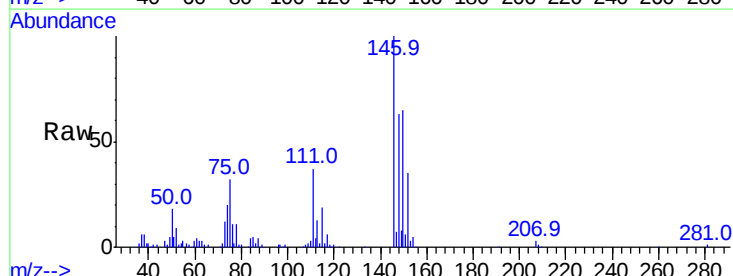
RT: 13.36 min Scan# 3603

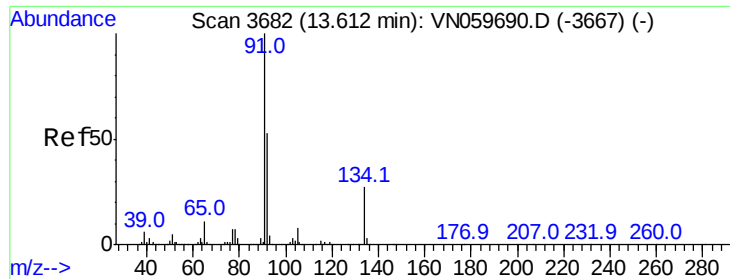
Delta R.T. 0.00 min

Lab File: VN059732.D

Acq: 16 Jan 2020 15:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	20.8	62.2
148	64.7	31.8	95.4





#89

n-Butylbenzene

Concen: 19.116 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN059732.D

Acq: 16 Jan 2020 15:18

Instrument :

MSVOA_N

ClientSampleId :

VN0116WBSD01

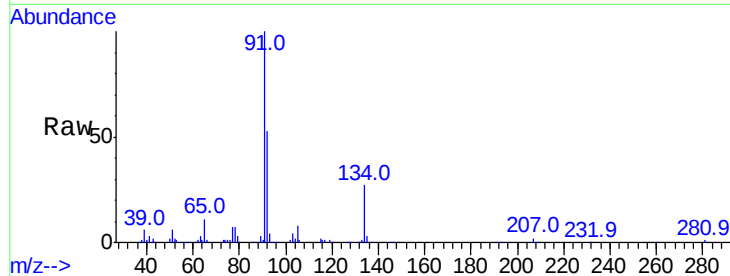
Tgt Ion: 91 Resp: 140041

Ion Ratio Lower Upper

91 100

92 52.4 25.9 77.7

134 27.1 12.3 36.8

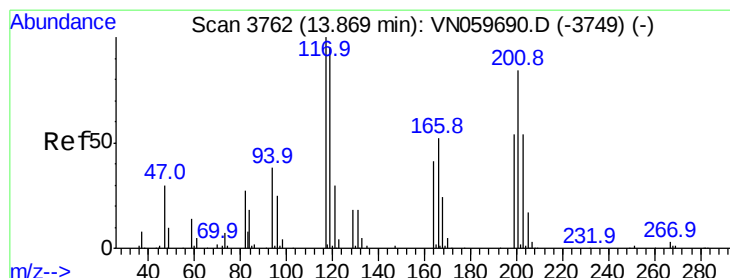
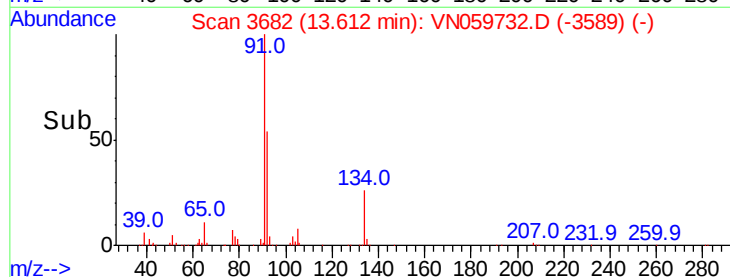
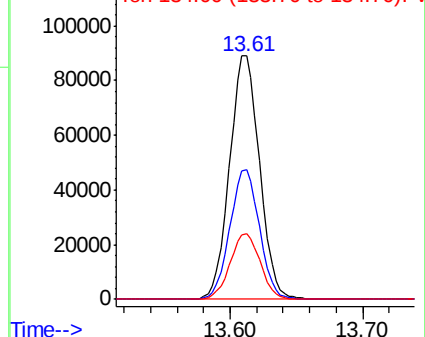


Abundance

Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 19.954 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. 0.00 min

Lab File: VN059732.D

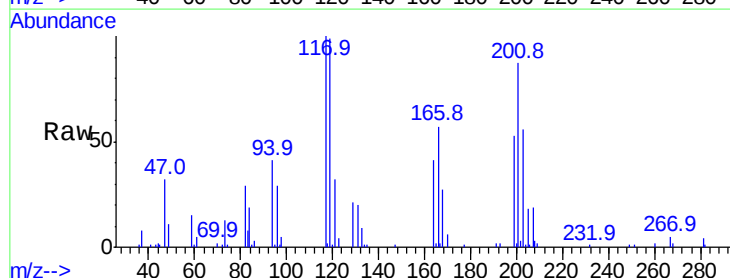
Acq: 16 Jan 2020 15:18

Tgt Ion: 117 Resp: 32077

Ion Ratio Lower Upper

117 100

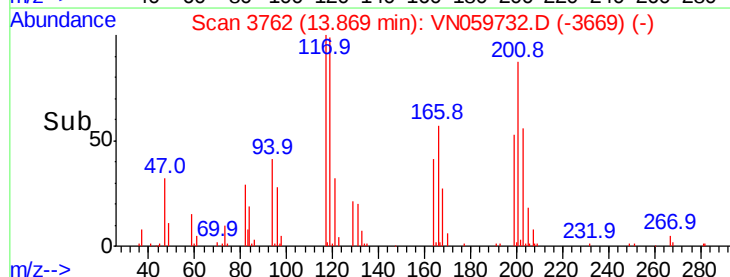
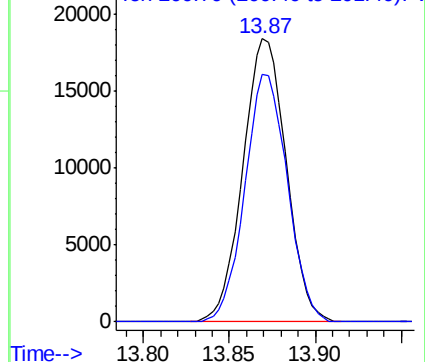
201 85.6 37.8 113.4

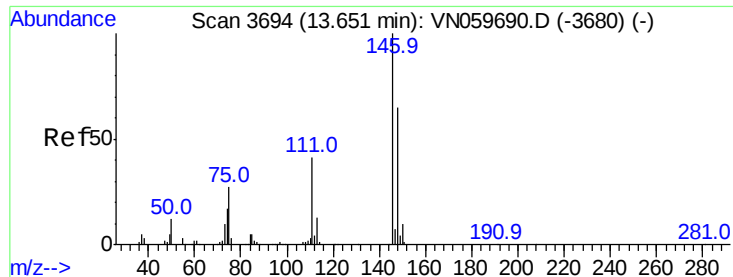


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

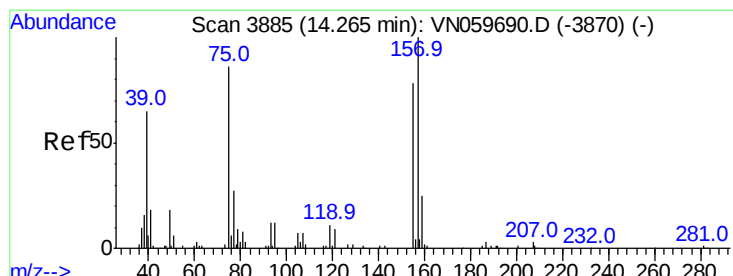
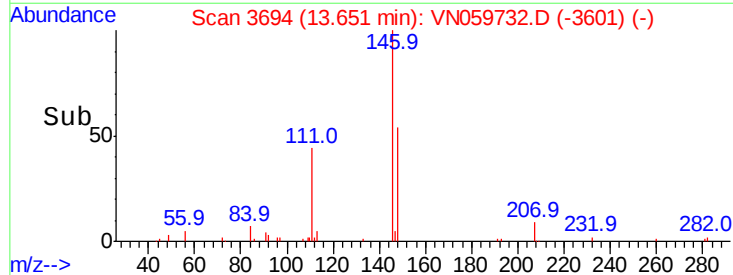
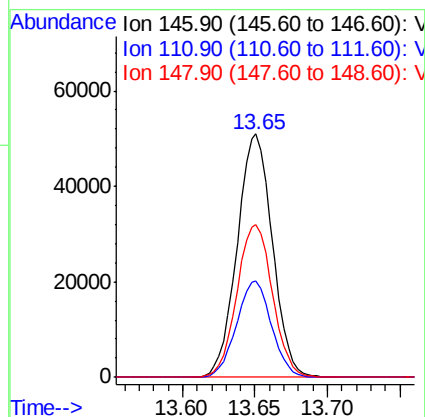
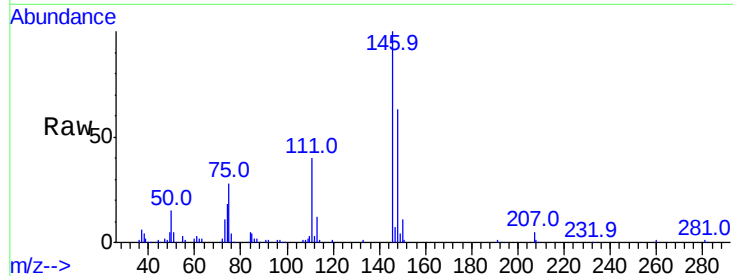




#91
 1,2-Dichlorobenzene
 Concen: 20.377 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN059732.D
 Acq: 16 Jan 2020 15:18

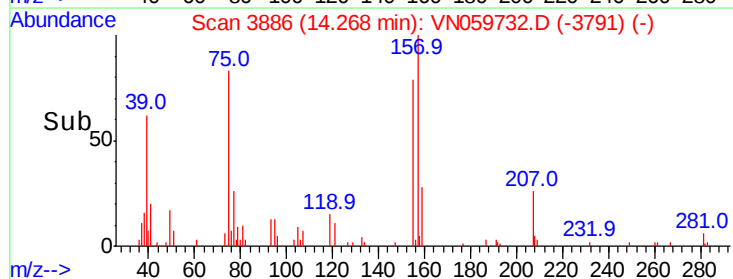
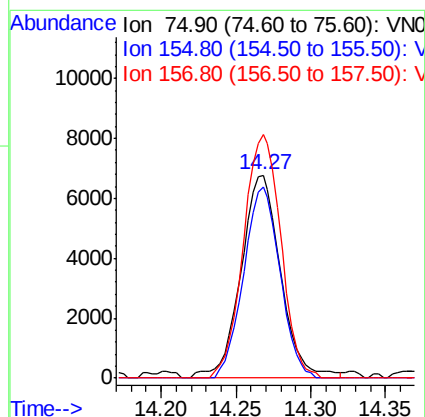
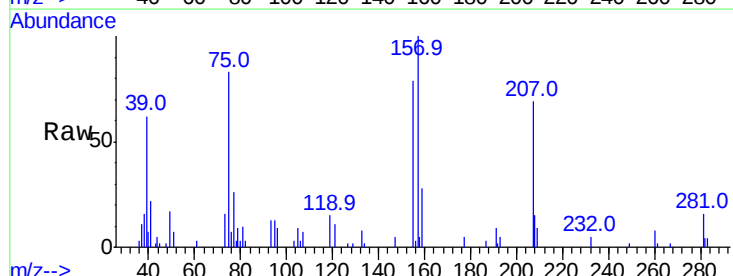
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0116WBSD01

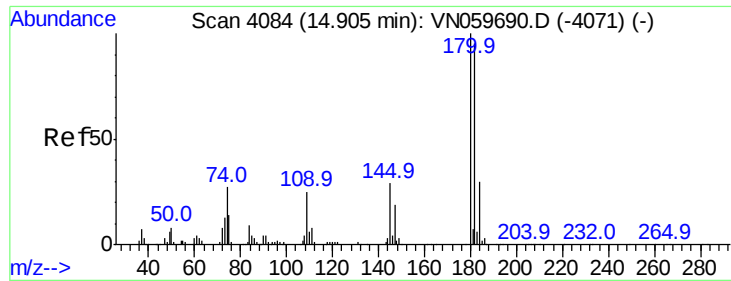
Tgt Ion: 146 Resp: 86102
 Ion Ratio Lower Upper
 146 100
 111 39.2 21.6 64.8
 148 63.5 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.410 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN059732.D
 Acq: 16 Jan 2020 15:18

Tgt Ion: 75 Resp: 12508
 Ion Ratio Lower Upper
 75 100
 155 86.2 37.0 110.9
 157 113.2 48.4 145.2

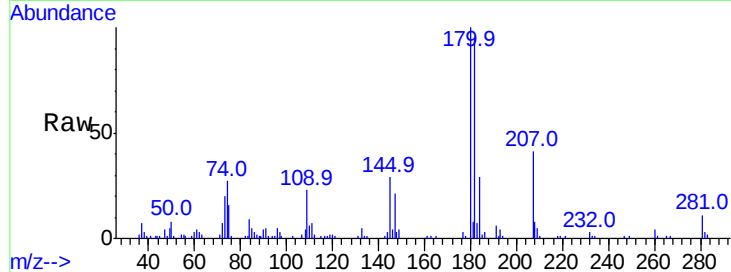




#93
 1,2,4-Trichlorobenzene
 Concen: 20.386 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN059732.D
 Acq: 16 Jan 2020 15:18

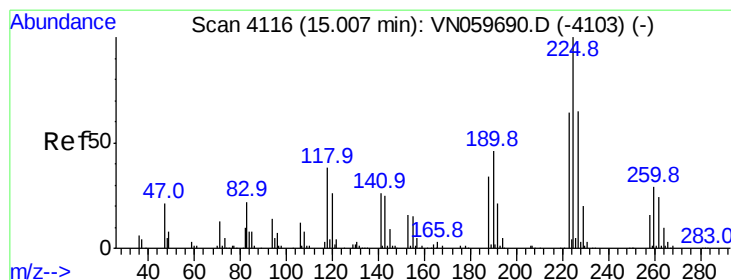
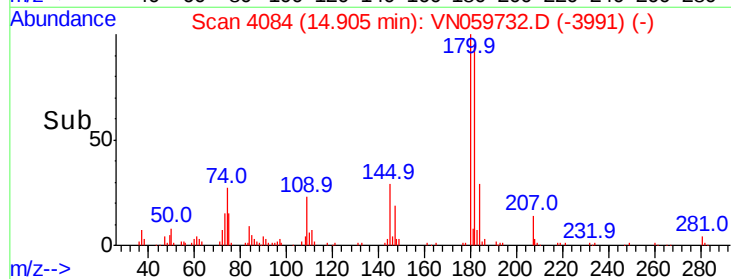
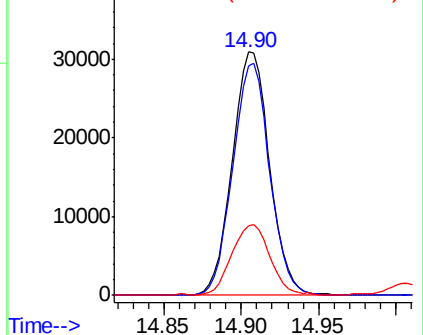
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0116WBSD01

Tgt Ion:180 Resp: 51761
 Ion Ratio Lower Upper
 180 100
 182 94.2 46.9 140.7
 145 29.8 15.0 45.1



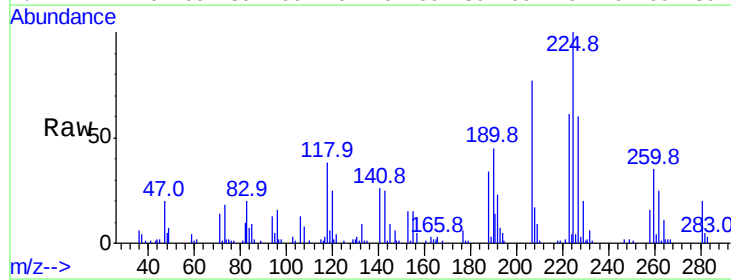
Abundance

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



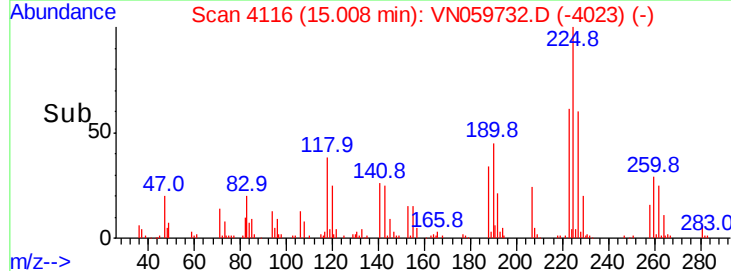
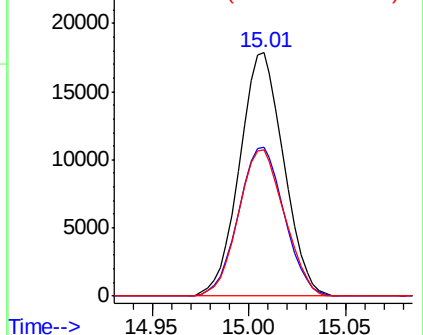
#94
 Hexachlorobutadiene
 Concen: 20.278 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059732.D
 Acq: 16 Jan 2020 15:18

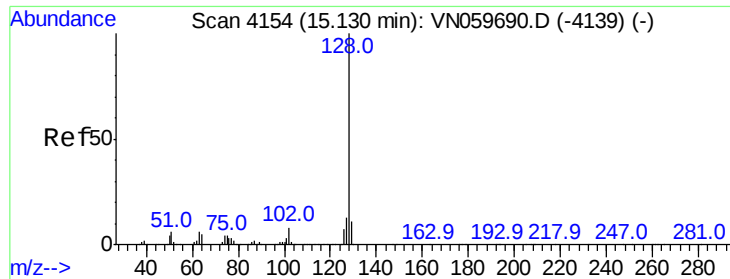
Tgt Ion:225 Resp: 28373
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.8 95.3
 227 62.4 32.1 96.5



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: 19.832 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059732.D

Acq: 16 Jan 2020 15:18

Instrument :

MSVOA_N

ClientSampleId :

VN0116WBSD01

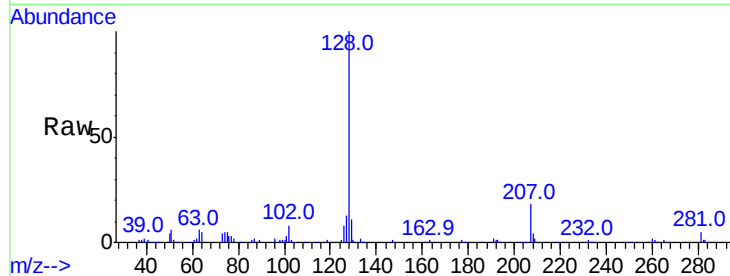
Tgt Ion:128 Resp: 143224

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 11.3 8.6 12.8

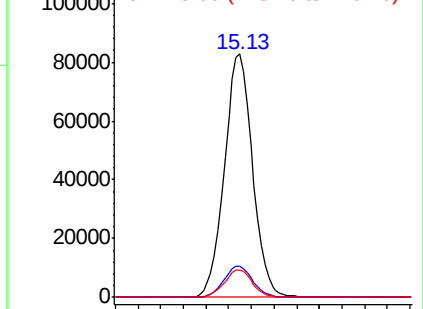


Abundance

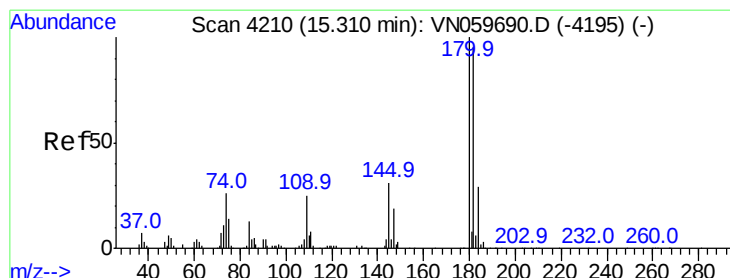
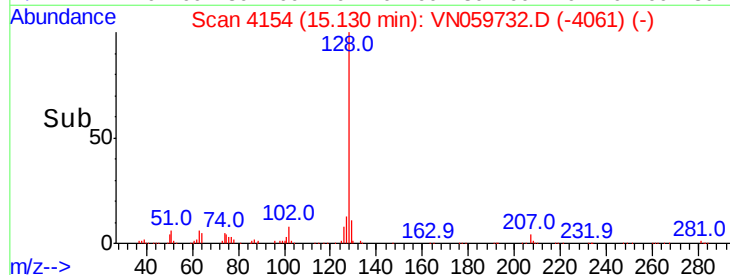
Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 19.923 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN059732.D

Acq: 16 Jan 2020 15:18

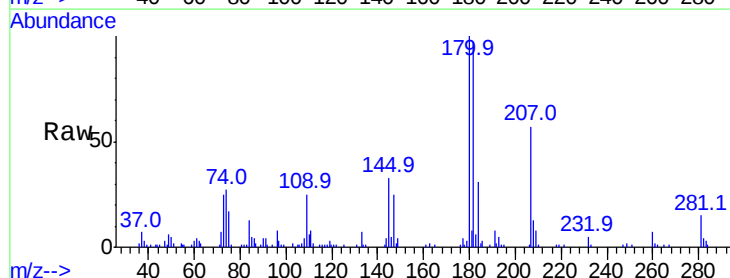
Tgt Ion:180 Resp: 49238

Ion Ratio Lower Upper

180 100

182 96.1 47.4 142.3

145 32.6 16.3 48.9

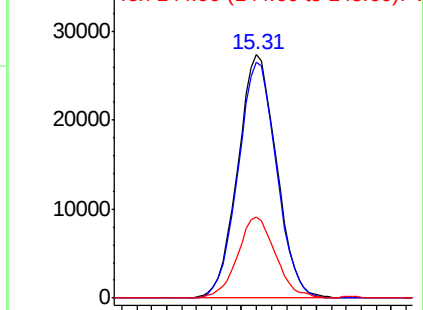


Abundance

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



Time-->

