

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120919\
 Data File : VN059534.D
 Acq On : 9 Dec 2019 17:41
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 09 18:02:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120919W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 09 16:19:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	250879	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	487365	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	372497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	165663	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	19292	6.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	12.40%	
35) Dibromofluoromethane	7.57	113	13160	4.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.88%	
50) Toluene-d8	10.08	98	52601	4.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.06%	
62) 4-Bromofluorobenzene	12.40	95	17447	4.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.36%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	17362	6.289	ug/l	93
3) Chloromethane	2.04	50	24001	6.370	ug/l	95
4) Vinyl Chloride	2.17	62	23953	9.432	ug/l	98
5) Bromomethane	2.54	94	15351	9.823	ug/l	98
6) Chloroethane	2.68	64	13893	9.364	ug/l	99
7) Trichlorofluoromethane	3.00	101	28105	9.279	ug/l	98
8) Diethyl Ether	3.39	74	10883	6.337	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.73	101	17606	6.763	ug/l	96
10) Methyl Iodide	3.93	142	21877	6.697	ug/l	97
11) Tert butyl alcohol	4.75	59	14625	25.667	ug/l #	91
12) 1,1-Dichloroethene	3.72	96	17647	6.987	ug/l	91
13) Acrolein	3.58	56	10939	24.959	ug/l	100
14) Allyl chloride	4.29	41	26799	5.342	ug/l	98
15) Acrylonitrile	4.96	53	39999	25.909	ug/l	99
16) Acetone	3.79	43	49605	24.233	ug/l	89
17) Carbon Disulfide	4.03	76	61726	7.109	ug/l	98
18) Methyl Acetate	4.30	43	22863	5.570	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	44720	5.146	ug/l	95
20) Methylene Chloride	4.53	84	18935	5.888	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	14516	5.107	ug/l	91
22) Diisopropyl ether	5.92	45	49034	5.242	ug/l	91
23) Vinyl Acetate	5.87	43	205582	27.262	ug/l	99
24) 1,1-Dichloroethane	5.82	63	28924	5.452	ug/l	98
25) 2-Butanone	6.81	43	55416	23.946	ug/l	99
26) 2,2-Dichloropropane	6.80	77	25288	5.458	ug/l	97
27) cis-1,2-Dichloroethene	6.81	96	16821	5.318	ug/l	100
28) Bromochloromethane	7.17	49	5862	3.467	ug/l #	99
29) Tetrahydrofuran	7.19	42	42513	29.075	ug/l	99
30) Chloroform	7.35	83	28628	5.545	ug/l	100
31) Cyclohexane	7.63	56	30374	5.947	ug/l #	87
32) 1,1,1-Trichloroethane	7.55	97	25255	5.610	ug/l	98
36) 1,1-Dichloropropene	7.77	75	22092	4.448	ug/l	97
37) Ethyl Acetate	6.91	43	24563	4.426	ug/l #	86
38) Carbon Tetrachloride	7.75	117	22459	4.679	ug/l	97

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 Data File : VN059534.D
 Acq On : 9 Dec 2019 17:41
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 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 09 18:02:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120919W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 09 16:19:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	23459	3.956	ug/l	92
40) Benzene	8.02	78	63233	4.366	ug/l	96
41) Methacrylonitrile	7.19	41	38213	16.695	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	24207	4.813	ug/l	100
43) Isopropyl Acetate	8.15	43	37087	4.466	ug/l	98
44) Trichloroethene	8.82	130	16304	4.317	ug/l	99
45) 1,2-Dichloropropane	9.11	63	16919	4.365	ug/l	98
46) Dibromomethane	9.20	93	11316	4.664	ug/l	95
47) Bromodichloromethane	9.39	83	21844	4.475	ug/l	98
48) Methyl methacrylate	9.19	41	15185	4.060	ug/l	97
49) 1,4-Dioxane	9.19	88	4173	75.750	ug/l	95
51) 4-Methyl-2-Pentanone	9.98	43	107145	21.781	ug/l	100
52) Toluene	10.15	92	36815	4.213	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	24087	4.207	ug/l	95
54) cis-1,3-Dichloropropene	9.83	75	25493	4.221	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	14965	4.338	ug/l	96
56) Ethyl methacrylate	10.42	69	18745	3.750	ug/l	96
57) 1,3-Dichloropropane	10.70	76	25531	4.262	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	36465	24.970	ug/l	99
59) 2-Hexanone	10.75	43	75698	20.447	ug/l	99
60) Dibromochloromethane	10.90	129	15307	4.129	ug/l	99
61) 1,2-Dibromoethane	11.00	107	15087	4.221	ug/l	99
64) Tetrachloroethene	10.63	164	14573	4.829	ug/l	96
65) Chlorobenzene	11.43	112	39563	4.990	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	14769	5.165	ug/l	98
67) Ethyl Benzene	11.51	91	71172	5.112	ug/l	99
68) m/p-Xylenes	11.62	106	50520	9.666	ug/l	98
69) o-Xylene	11.95	106	23399	4.701	ug/l	94
70) Styrene	11.96	104	35454	4.447	ug/l	95
71) Bromoform	12.13	173	10484	4.641	ug/l #	94
73) Isopropylbenzene	12.25	105	63462	5.026	ug/l	100
74) N-amyl acetate	12.07	43	25542	4.954	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	22134	5.400	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	33177	8.197	ug/l #	100
77) Bromobenzene	12.53	156	15948	4.988	ug/l	90
78) n-propylbenzene	12.59	91	87730	5.910	ug/l	100
79) 2-Chlorotoluene	12.67	91	52846	5.897	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	52147	4.879	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	7579	5.082	ug/l #	85
82) 4-Chlorotoluene	12.77	91	47944	5.165	ug/l	98
83) tert-Butylbenzene	12.99	119	45313	4.889	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	52553	5.019	ug/l	98
85) sec-Butylbenzene	13.17	105	61416	4.986	ug/l	98
86) p-Isopropyltoluene	13.29	119	53941	4.870	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	28599	5.025	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	28430	4.948	ug/l	92
89) n-Butylbenzene	13.62	91	52035	5.229	ug/l	96
90) Hexachloroethane	13.88	117	10538	4.938	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	28776	5.283	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	5913	5.977	ug/l	75

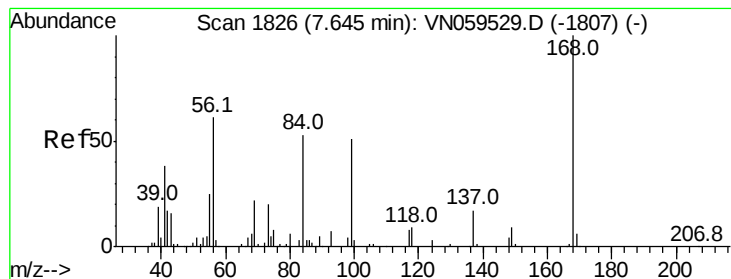
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120919\
Data File : VN059534.D
Acq On : 9 Dec 2019 17:41
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 09 18:02:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120919W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 09 16:19:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	17549	5.122	ug/l	98
94) Hexachlorobutadiene	15.01	225	10214	4.789	ug/l	96
95) Naphthalene	15.13	128	49300	4.908	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	18240	4.977	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059534.D

Acq: 9 Dec 2019 17:41

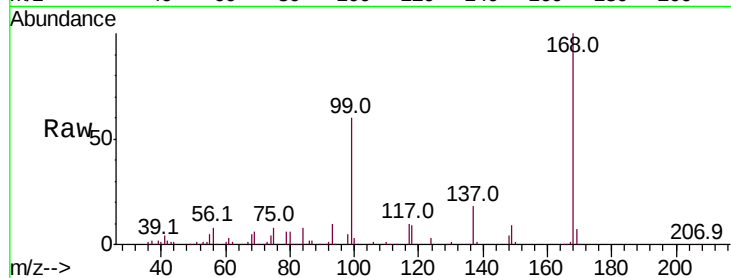
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 250879

Ion Ratio Lower Upper

168 100

99 60.0 46.6 70.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

120000

100000

80000

60000

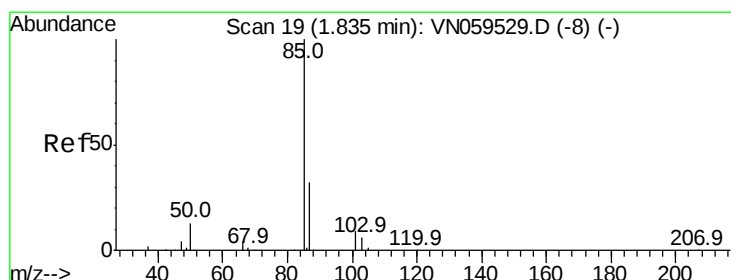
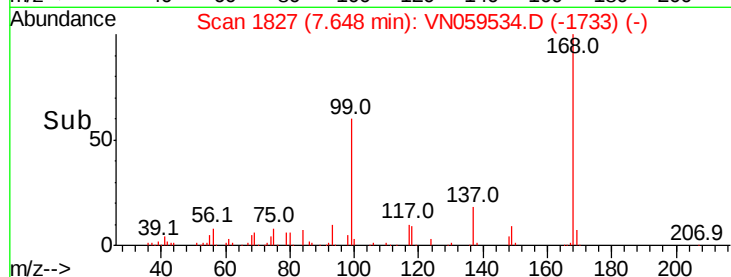
40000

20000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 6.289 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059534.D

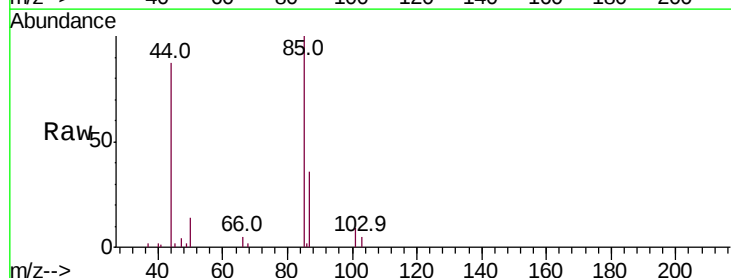
Acq: 9 Dec 2019 17:41

Tgt Ion: 85 Resp: 17362

Ion Ratio Lower Upper

85 100

87 35.8 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

15000

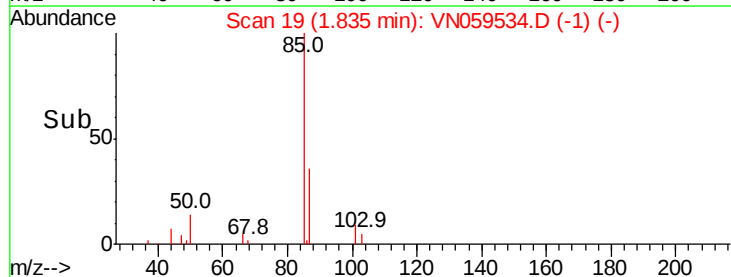
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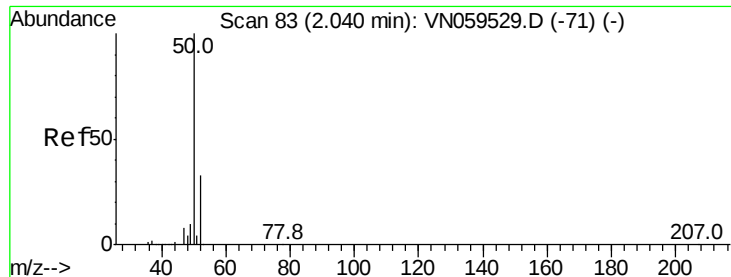
5000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 6.370 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN059534.D

Acq: 9 Dec 2019 17:41

Instrument :

MSVOA_N

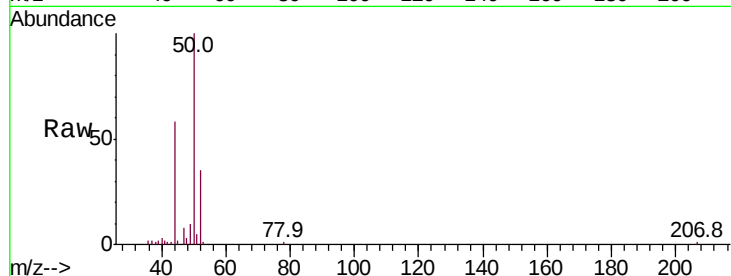
ClientSampled :

Tot Ion: 50 Resp: 24001

Ion Ratio Lower Upper

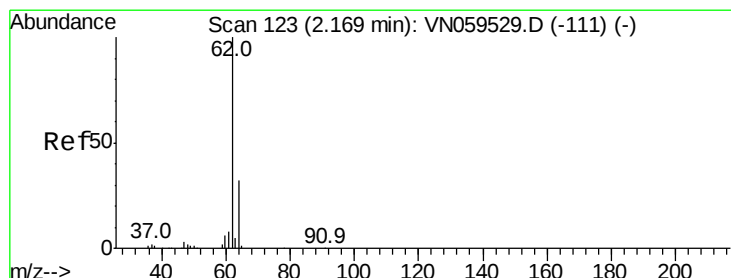
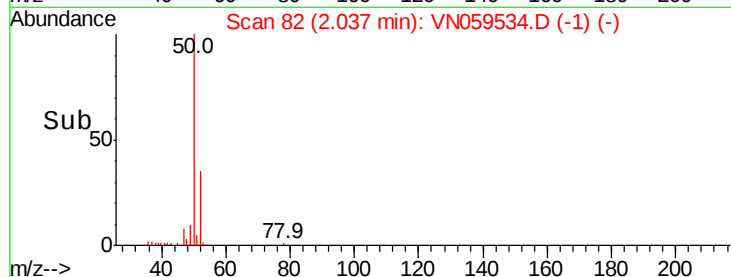
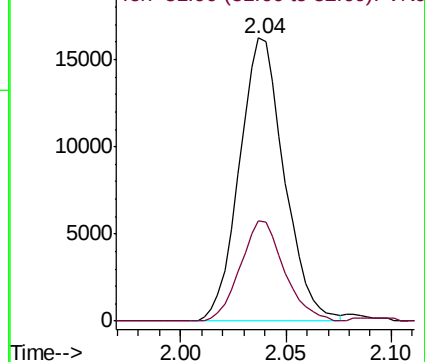
50 100

52 35.5 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 9.432 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059534.D

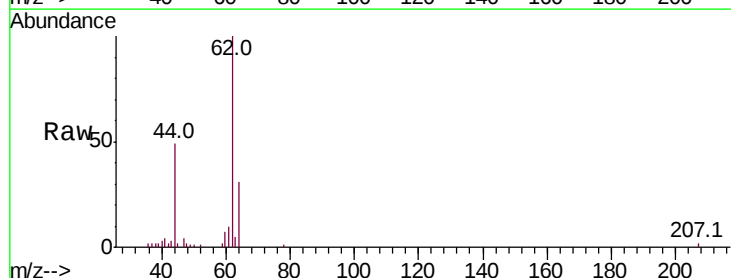
Acq: 9 Dec 2019 17:41

Tgt Ion: 62 Resp: 23953

Ion Ratio Lower Upper

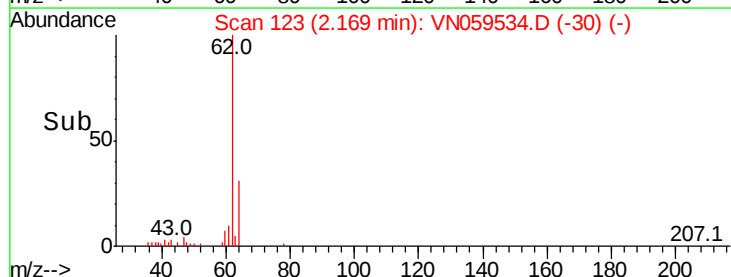
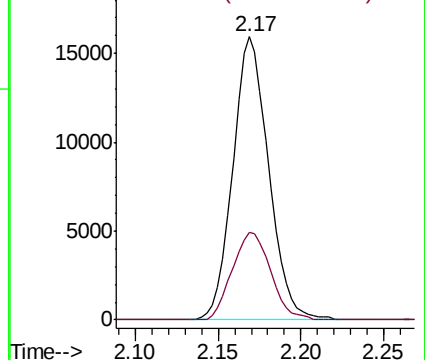
62 100

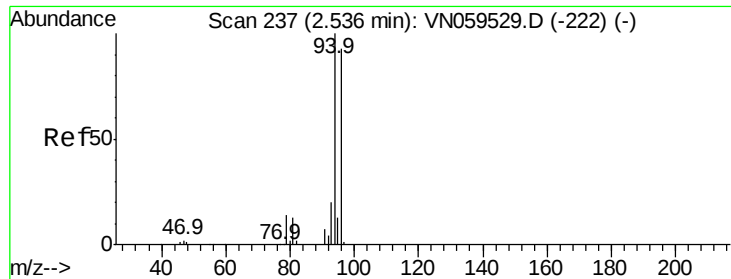
64 30.7 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC

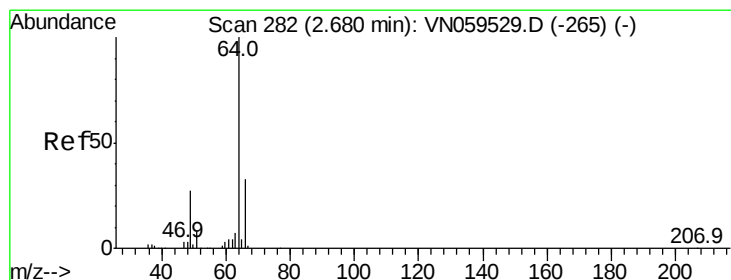
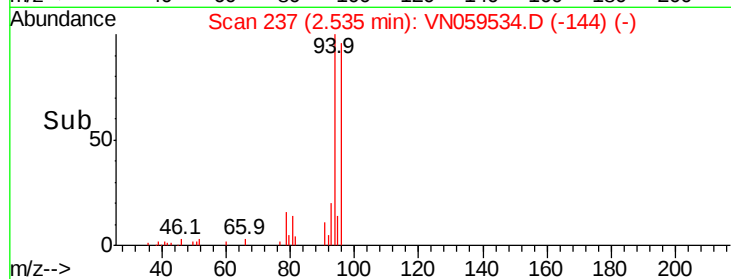
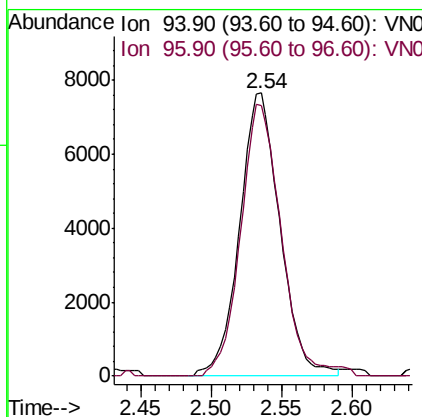
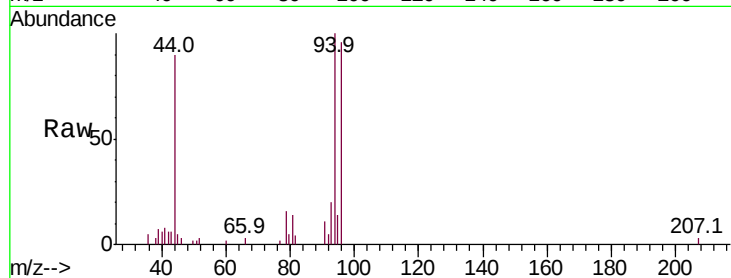




#5
Bromomethane
Concen: 9.823 ug/l
RT: 2.54 min Scan# 237
Delta R.T. -0.00 min
Lab File: VN059534.D
Acq: 9 Dec 2019 17:41

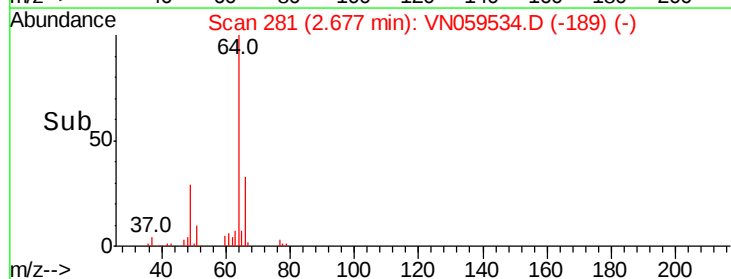
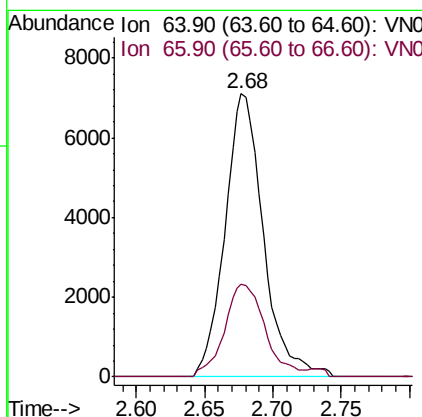
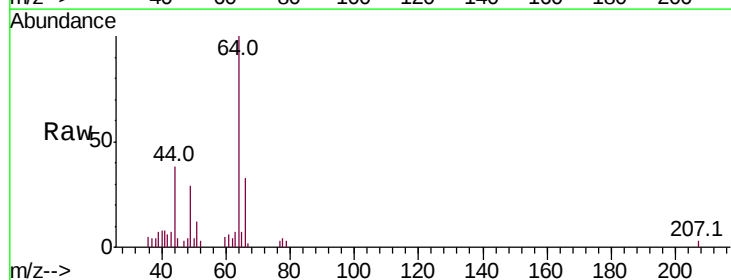
Instrument :
MSVOA_N
ClientSampled :

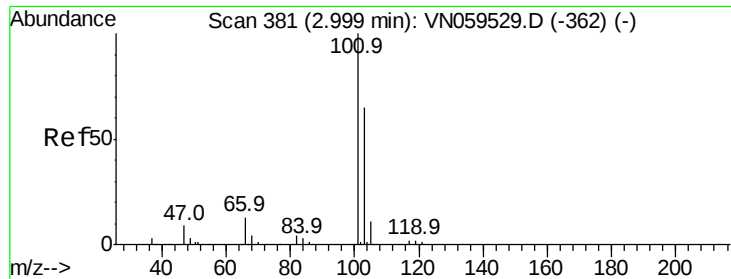
Tot Ion: 94 Resp: 15351
Ion Ratio Lower Upper
94 100
96 95.6 74.6 112.0



#6
Chloroethane
Concen: 9.364 ug/l
RT: 2.68 min Scan# 281
Delta R.T. -0.00 min
Lab File: VN059534.D
Acq: 9 Dec 2019 17:41

Tgt Ion: 64 Resp: 13893
Ion Ratio Lower Upper
64 100
66 32.6 26.7 40.1



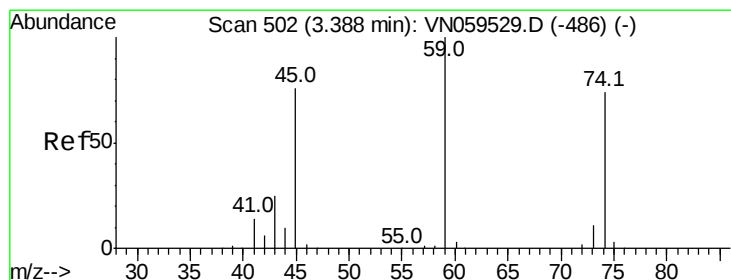
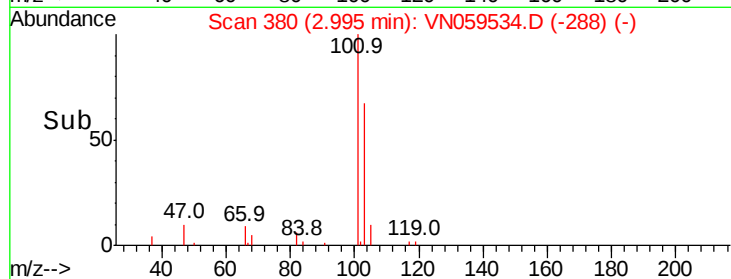
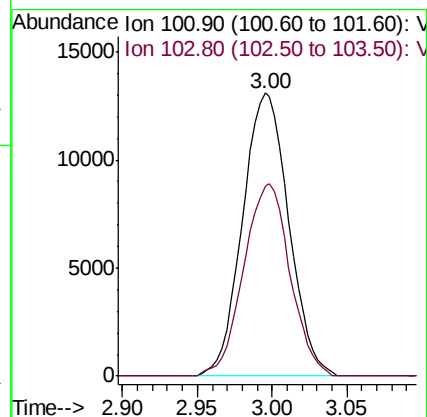
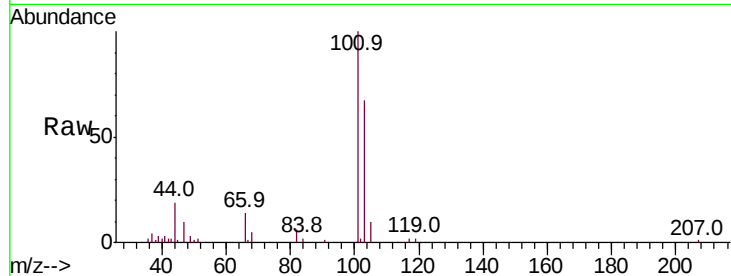


#7

Trichlorofluoromethane
Concen: 9.279 ug/l
RT: 3.00 min Scan# 380
Delta R.T. -0.00 min
Lab File: VN059534.D
Acq: 9 Dec 2019 17:41

Instrument :
MSVOA_N
ClientSampleId :

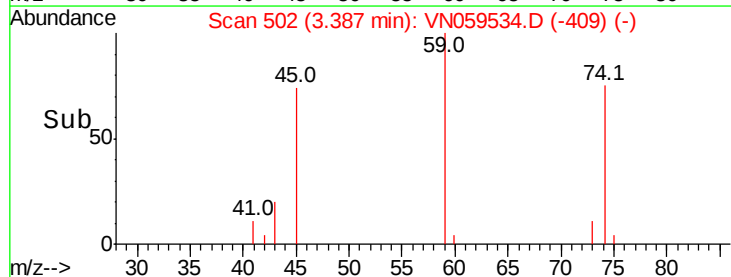
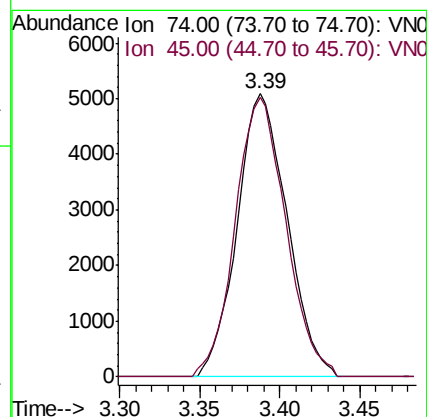
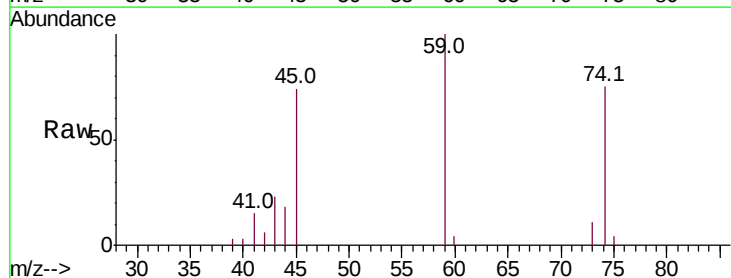
Tot Ion:101 Resp: 28105
Ion Ratio Lower Upper
101 100
103 67.0 52.2 78.4

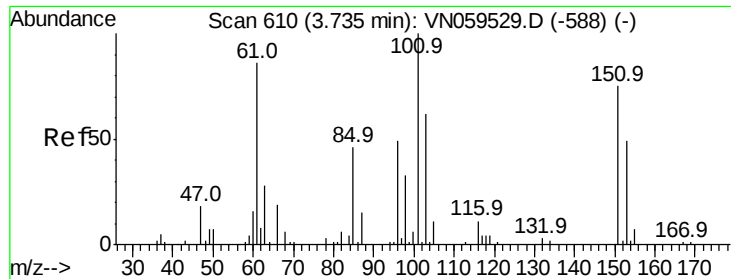


#8

Diethyl Ether
Concen: 6.337 ug/l
RT: 3.39 min Scan# 502
Delta R.T. -0.00 min
Lab File: VN059534.D
Acq: 9 Dec 2019 17:41

Tgt Ion: 74 Resp: 10883
Ion Ratio Lower Upper
74 100
45 99.7 52.6 157.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 6.763 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN059534.D

Acq: 9 Dec 2019 17:41

Instrument :

MSVOA_N

ClientSampleId :

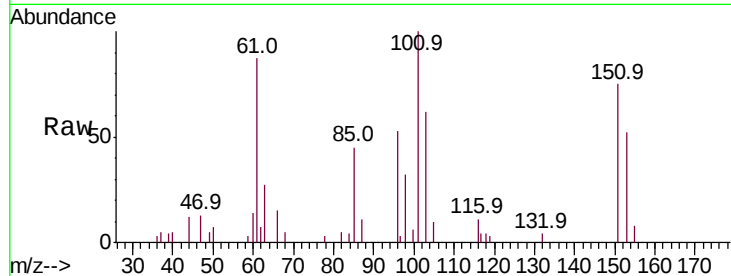
Tot Ion:101 Resp: 17606

Ion Ratio Lower Upper

101 100

85 44.0 36.6 54.8

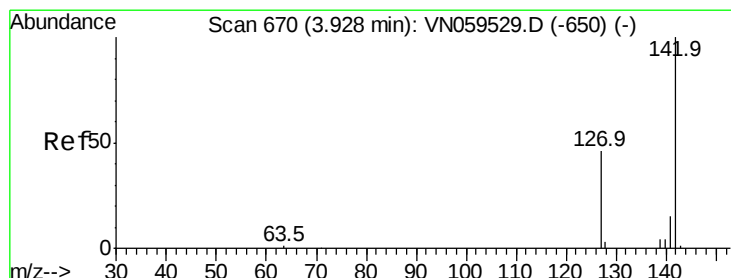
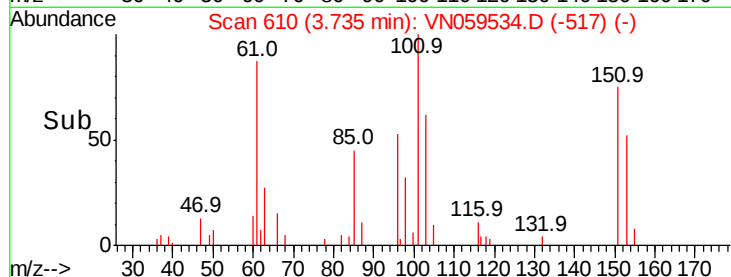
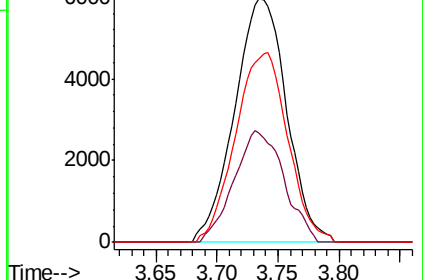
151 78.5 59.3 88.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 6.697 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN059534.D

Acq: 9 Dec 2019 17:41

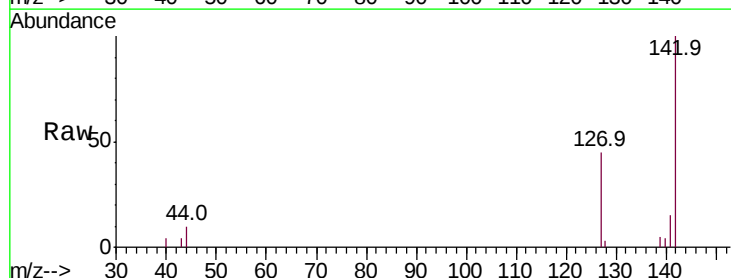
Tgt Ion:142 Resp: 21877

Ion Ratio Lower Upper

142 100

127 43.5 36.6 54.8

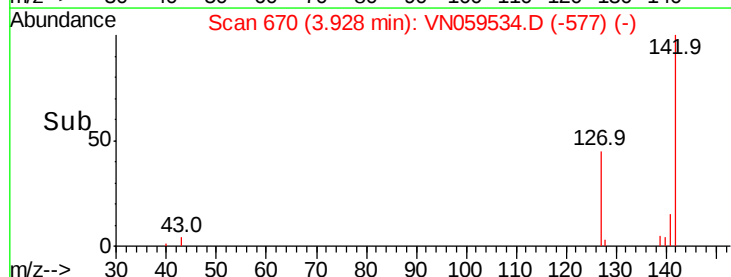
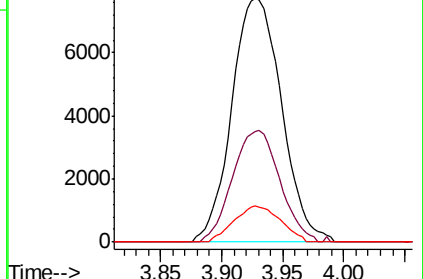
141 13.9 11.6 17.4

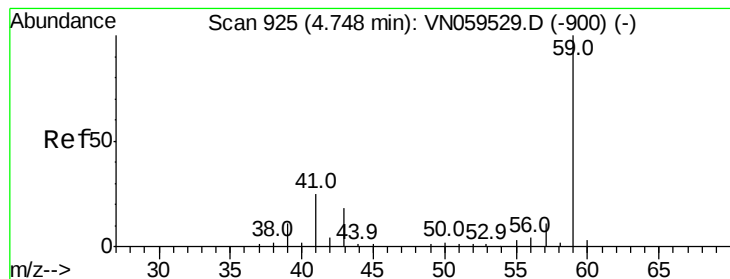


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



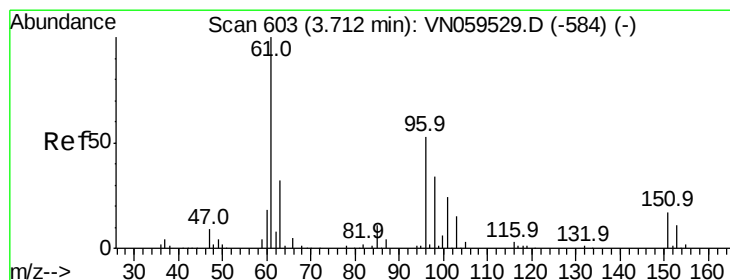
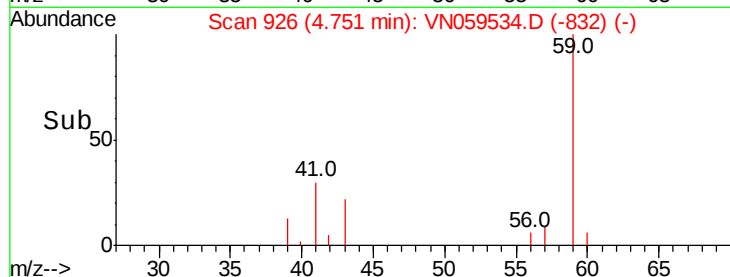
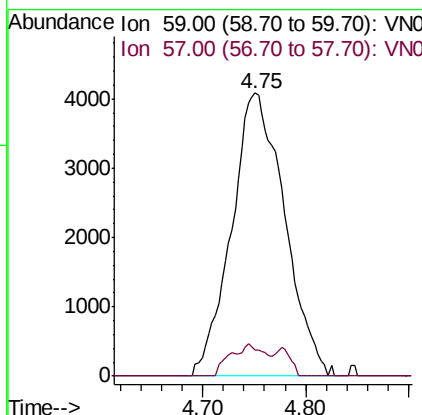
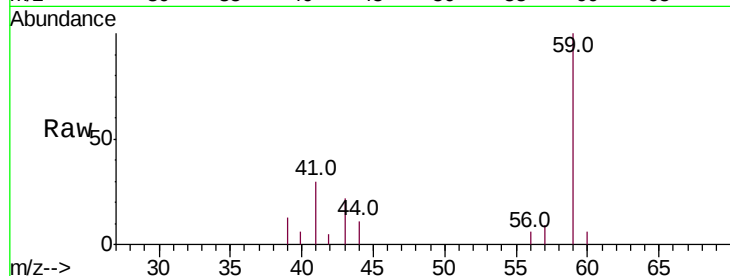


#11

Tert butyl alcohol
 Concen: 25.667 ug/l
 RT: 4.75 min Scan# 926
 Delta R.T. 0.00 min
 Lab File: VN059534.D
 Acq: 9 Dec 2019 17:41

Instrument :
 MSVOA_N
 ClientSampleId :

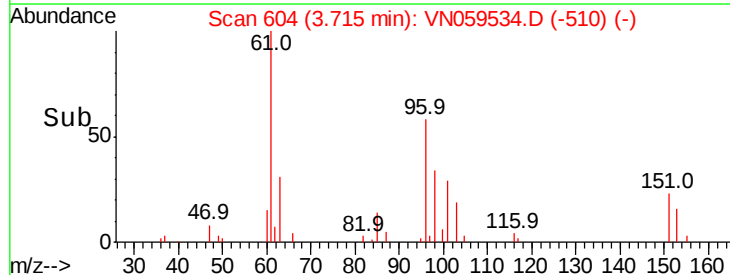
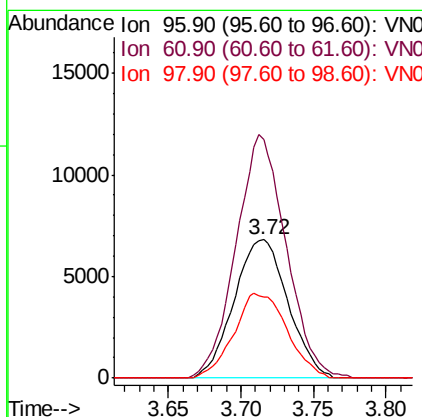
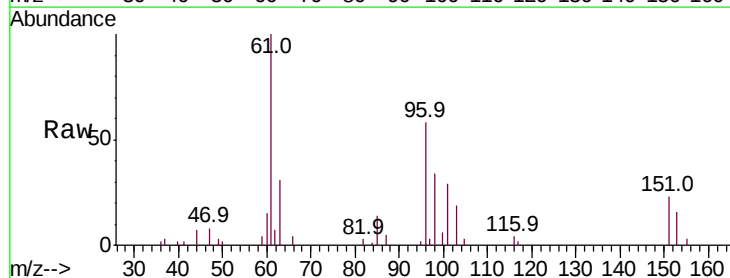
Tot Ion: 59 Resp: 14625
 Ion Ratio Lower Upper
 59 100
 57 7.4 8.6 13.0#

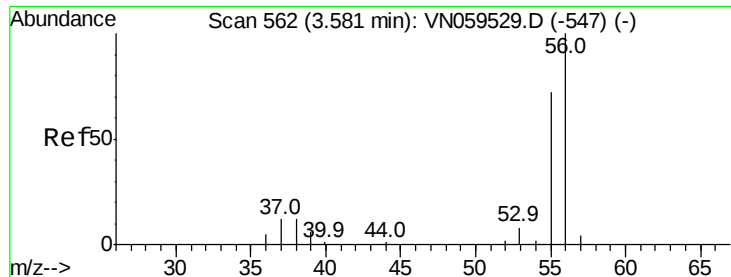


#12

1,1-Dichloroethene
 Concen: 6.987 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN059534.D
 Acq: 9 Dec 2019 17:41

Tgt Ion: 96 Resp: 17647
 Ion Ratio Lower Upper
 96 100
 61 172.3 149.8 224.6
 98 59.0 50.6 75.8





#13

Acrolein

Concen: 24.959 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.00 min

Lab File: VN059534.D

Acq: 9 Dec 2019 17:41

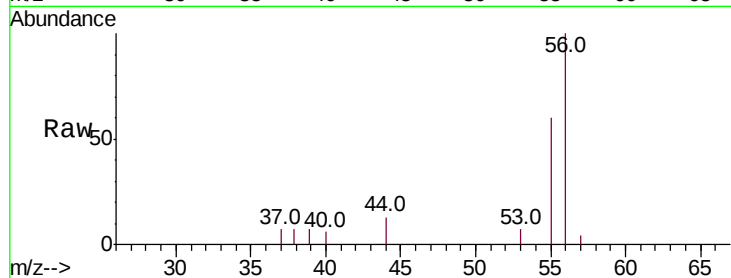
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 10939

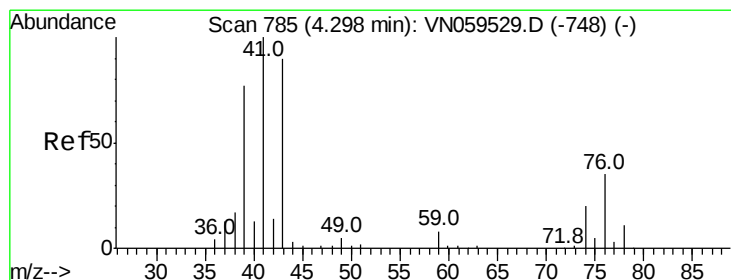
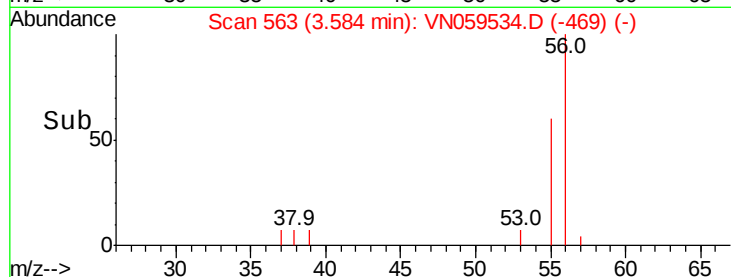
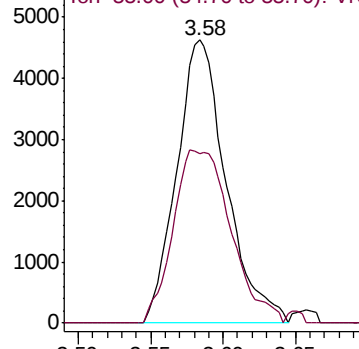
Ion Ratio Lower Upper

56 100

55 71.4 56.9 85.3



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



#14

Allyl chloride

Concen: 5.342 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059534.D

Acq: 9 Dec 2019 17:41

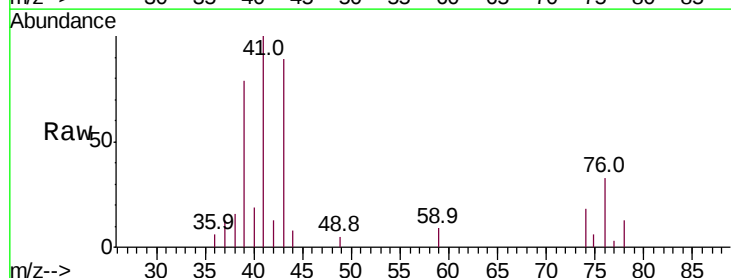
Tgt Ion: 41 Resp: 26799

Ion Ratio Lower Upper

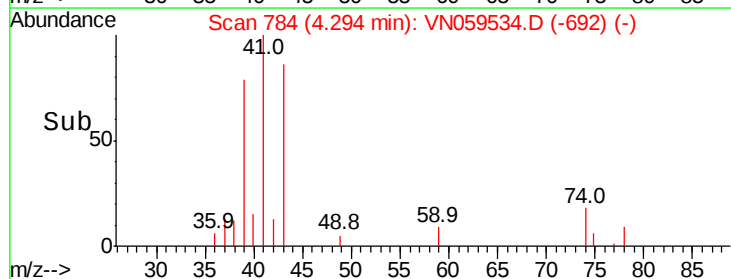
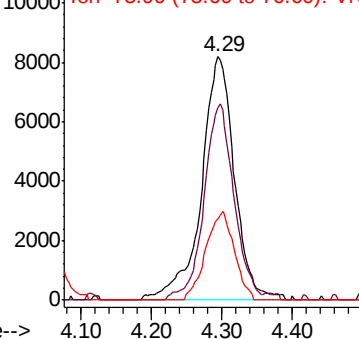
41 100

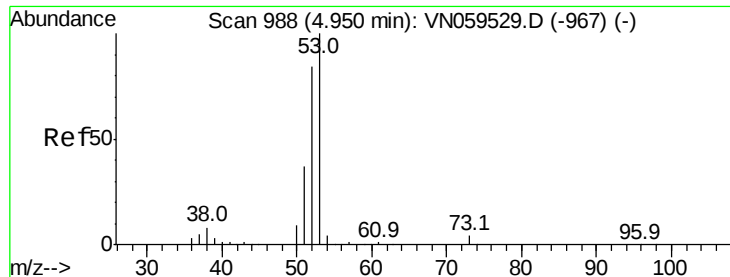
39 72.8 56.7 85.1

76 31.2 25.5 38.3



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





#15

Acrylonitrile

Concen: 25.909 ug/l

RT: 4.96 min Scan# 990

Delta R.T. 0.01 min

Lab File: VN059534.D

Acq: 9 Dec 2019 17:41

Instrument :
MSVOA_N
ClientSampled :

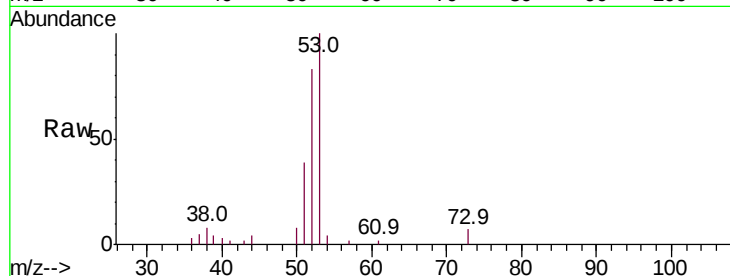
Tot Ion: 53 Resp: 39999

Ion Ratio Lower Upper

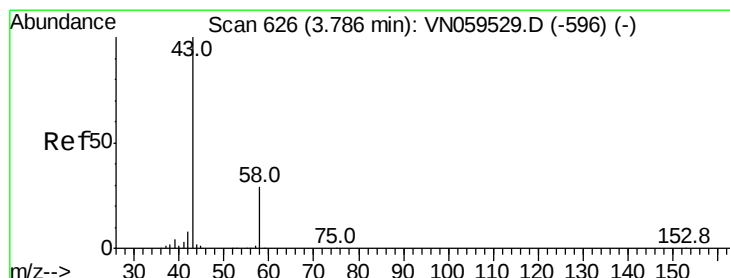
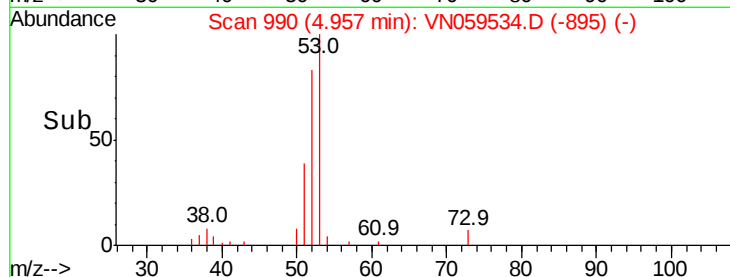
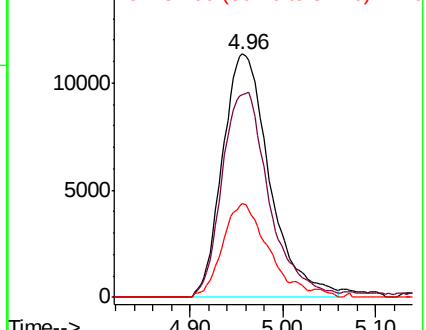
53 100

52 84.2 66.6 99.8

51 37.3 29.8 44.8



Abundance Ion 53.00 (52.70 to 53.70): VN0
Ion 52.00 (51.70 to 52.70): VN0
Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 24.233 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN059534.D

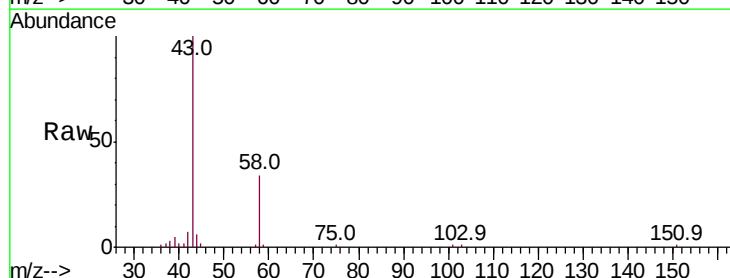
Acq: 9 Dec 2019 17:41

Tgt Ion: 43 Resp: 49605

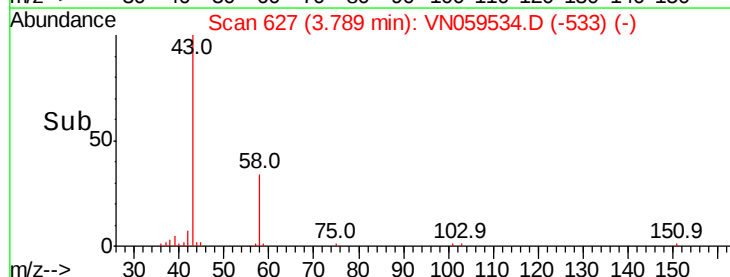
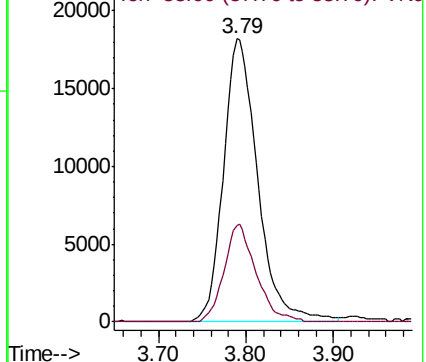
Ion Ratio Lower Upper

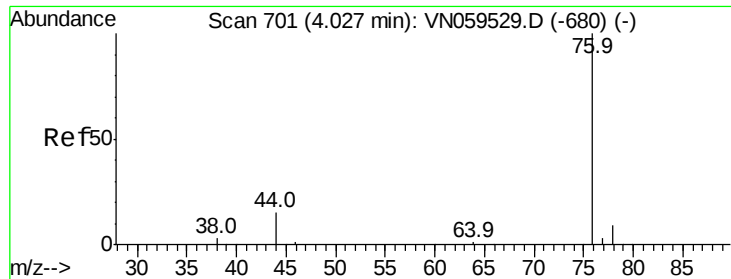
43 100

58 34.3 23.0 34.4



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

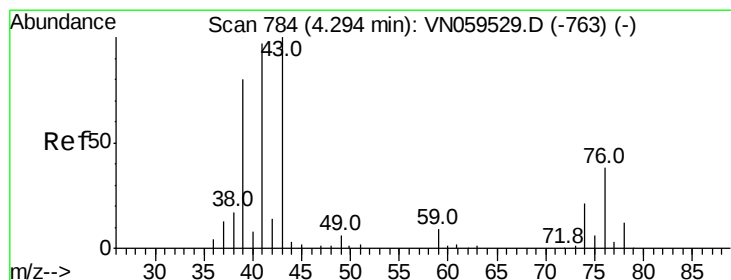
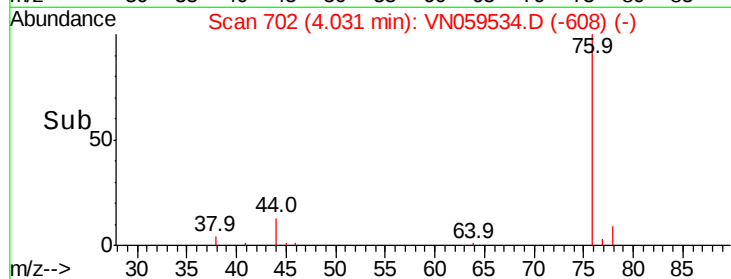
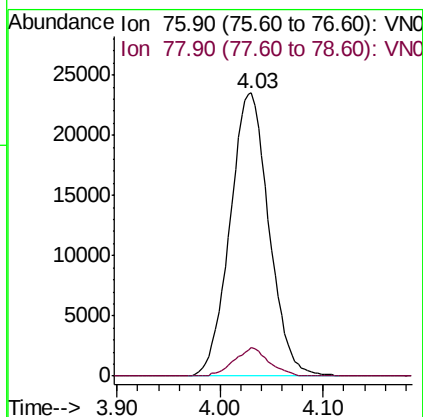
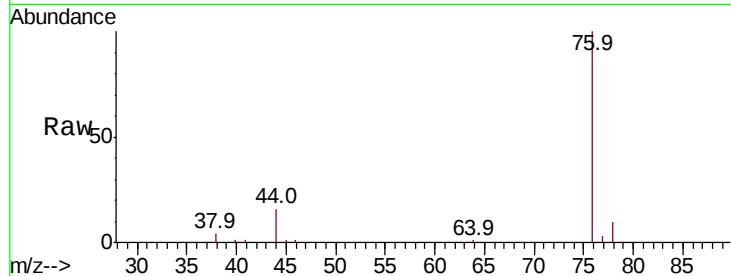




#17
Carbon Disulfide
Concen: 7.109 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059534.D
Acq: 9 Dec 2019 17:41

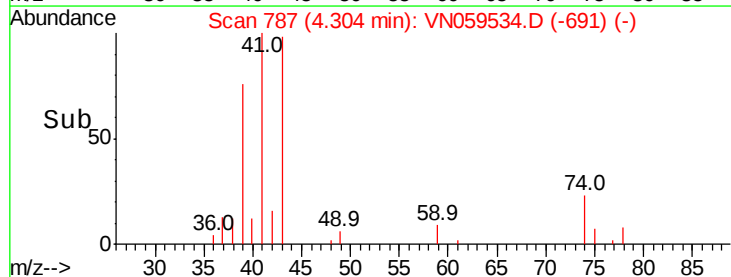
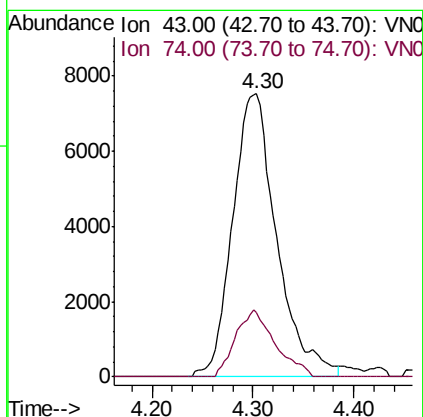
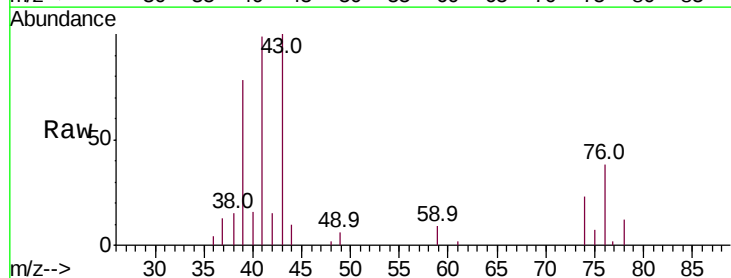
Instrument :
MSVOA_N
ClientSampled :

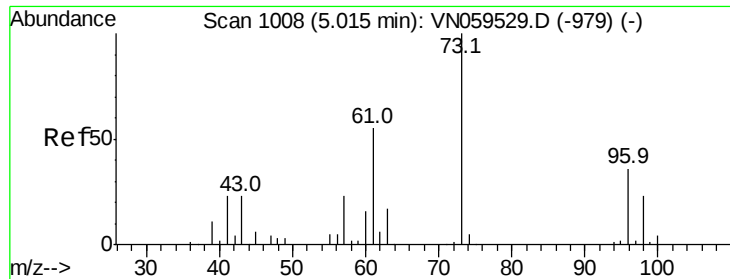
Tot Ion: 76 Resp: 61726
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.2



#18
Methyl Acetate
Concen: 5.570 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.01 min
Lab File: VN059534.D
Acq: 9 Dec 2019 17:41

Tgt Ion: 43 Resp: 22863
Ion Ratio Lower Upper
43 100
74 21.2 17.5 26.3

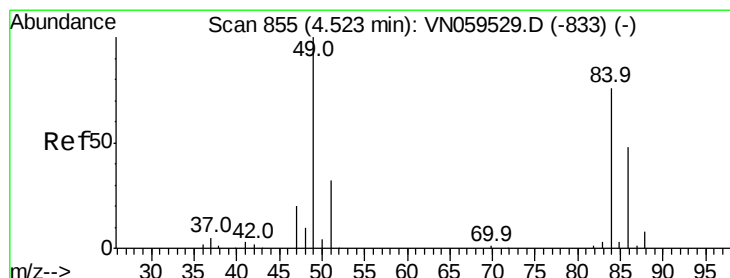
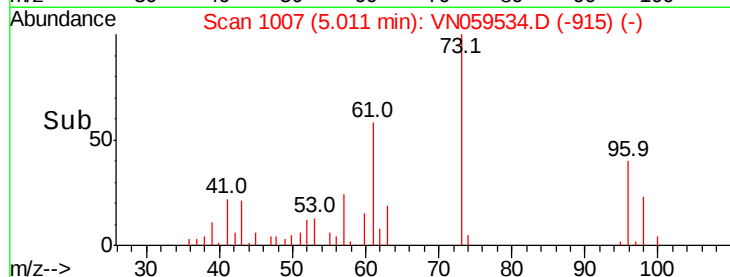
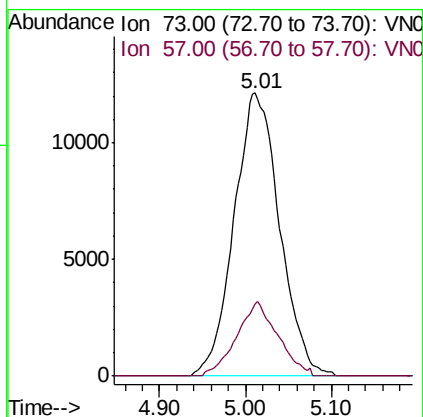
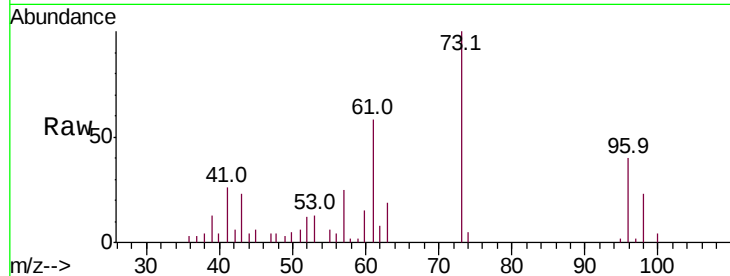




#19
Methvl tert-butvl Ether
Concen: 5.146 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059534.D
Acq: 9 Dec 2019 17:41

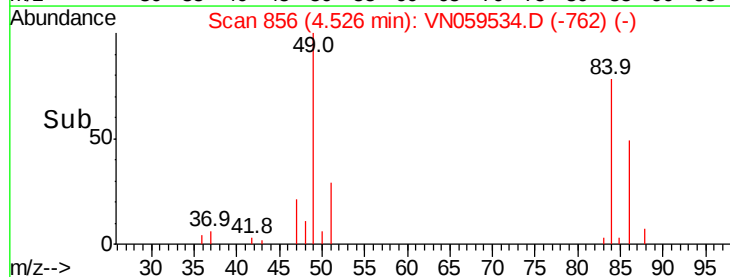
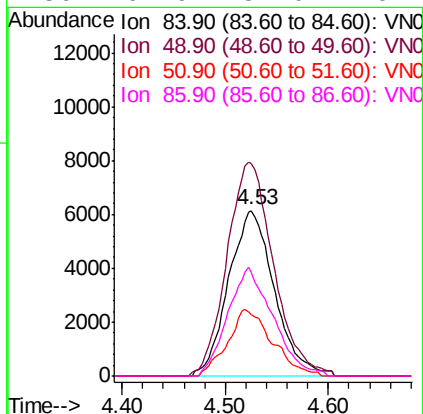
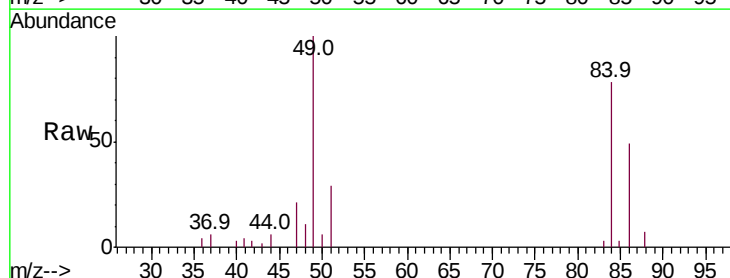
Instrument :
MSVOA_N
ClientSampled :

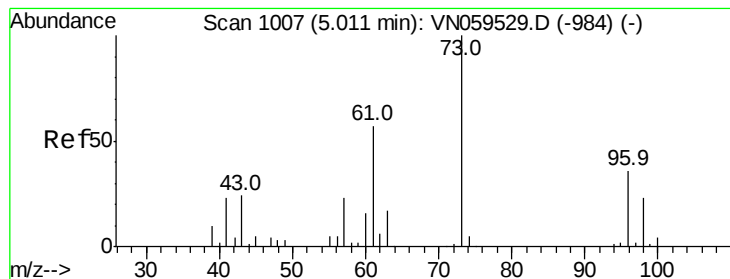
Tot Ion: 73 Resp: 44720
Ion Ratio Lower Upper
73 100
57 25.3 18.3 27.5



#20
Methylene Chloride
Concen: 5.888 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059534.D
Acq: 9 Dec 2019 17:41

Tgt Ion: 84 Resp: 18935
Ion Ratio Lower Upper
84 100
49 128.5 105.8 158.8
51 37.1 33.7 50.5
86 62.9 51.0 76.4





#21

trans-1,2-Dichloroethene

Concen: 5.107 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. -0.00 min

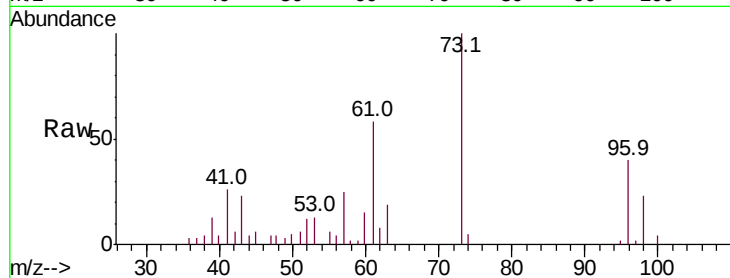
Lab File: VN059534.D

Acq: 9 Dec 2019 17:41

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 14516

Ion	Ratio	Lower	Upper
96	100		
61	142.1	124.8	187.2
98	58.7	51.0	76.4

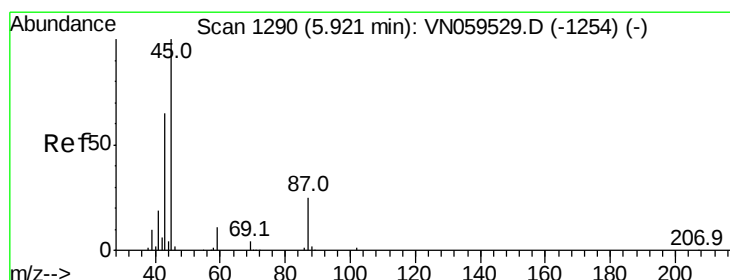
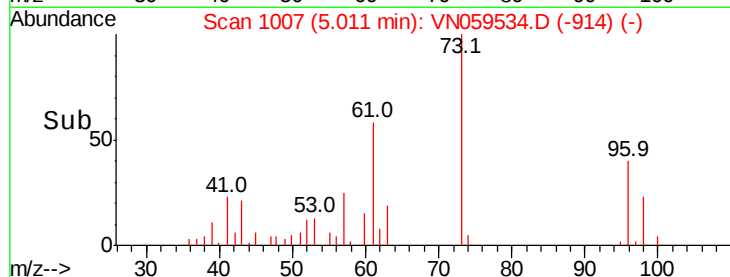
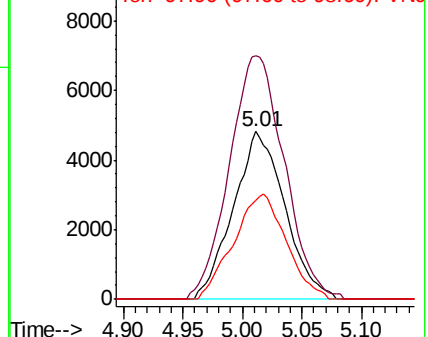


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 5.242 ug/l

RT: 5.92 min Scan# 1291

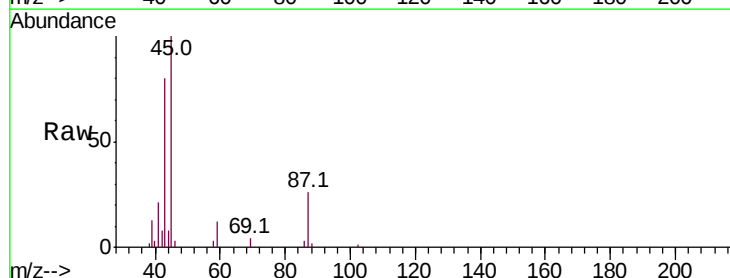
Delta R.T. 0.00 min

Lab File: VN059534.D

Acq: 9 Dec 2019 17:41

Tgt Ion: 45 Resp: 49034

Ion	Ratio	Lower	Upper
45	100		
43	76.7	52.8	79.2
87	26.2	20.2	30.4
59	12.2	9.1	13.7



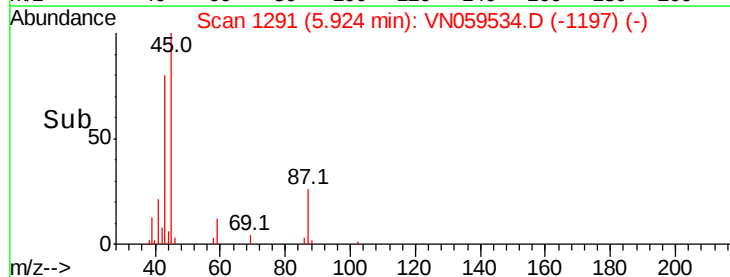
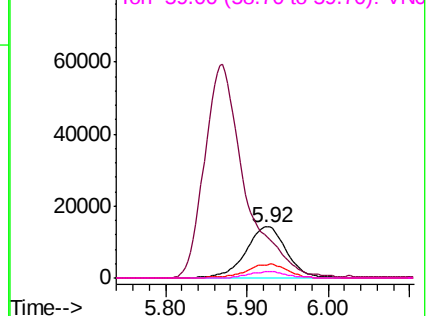
Abundance

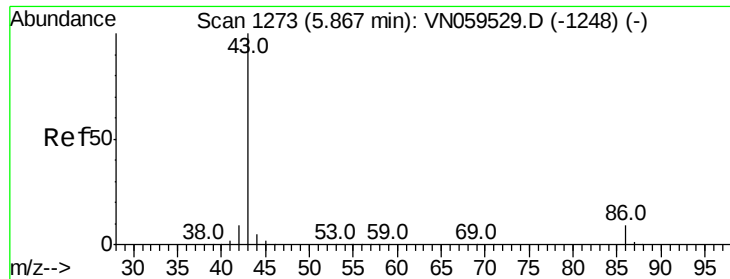
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

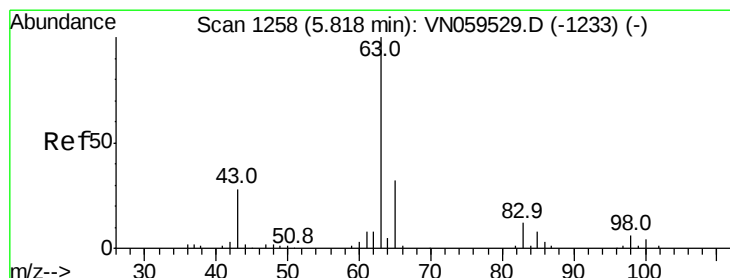
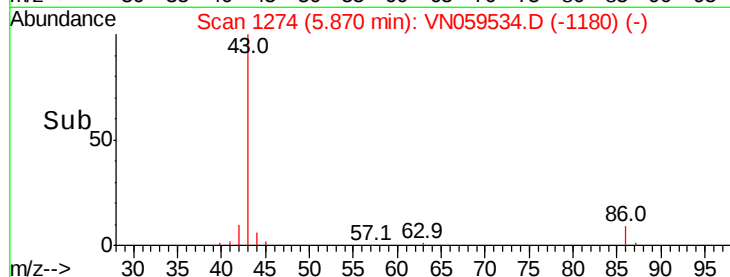
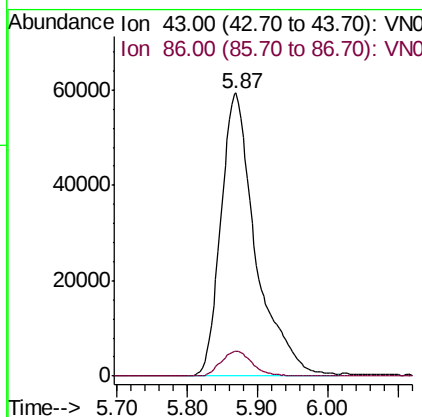
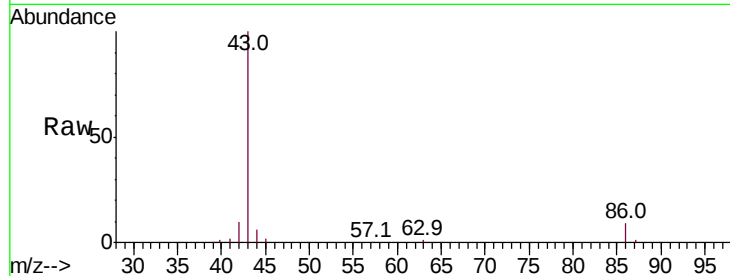




#23
 Vinyl Acetate
 Concen: 27.262 ug/l
 RT: 5.87 min Scan# 1274
 Delta R.T. 0.00 min
 Lab File: VN059534.D
 Acq: 9 Dec 2019 17:41

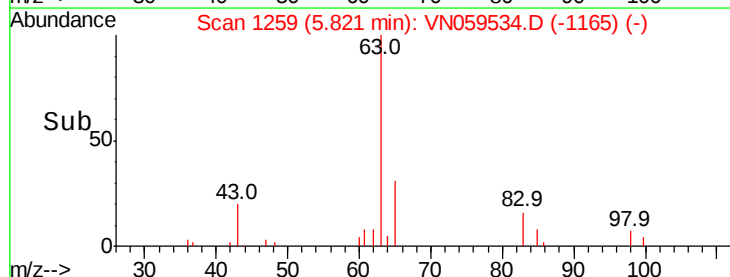
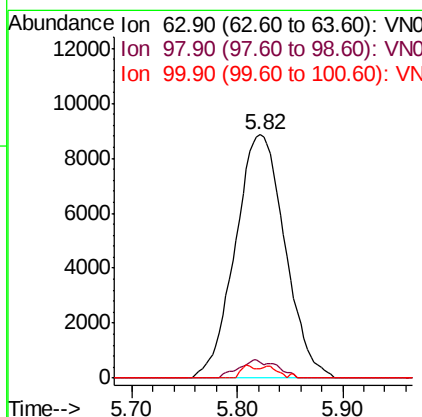
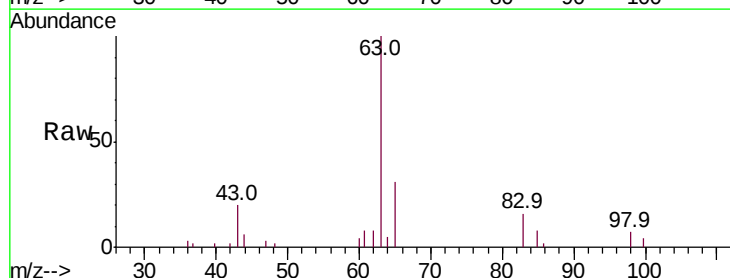
Instrument :
 MSVOA_N
 ClientSampled :

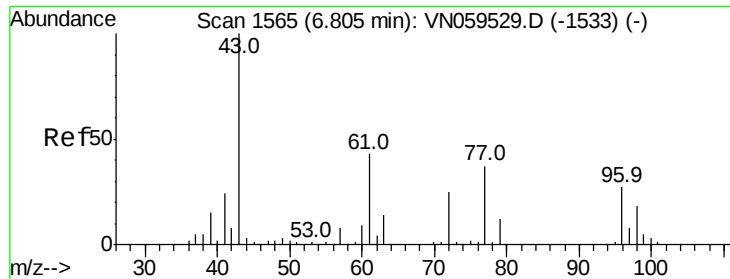
Tot Ion: 43 Resp: 205582
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.4 11.2



#24
 1,1-Dichloroethane
 Concen: 5.452 ug/l
 RT: 5.82 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VN059534.D
 Acq: 9 Dec 2019 17:41

Tgt Ion: 63 Resp: 28924
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.0 9.0
 100 4.0 1.8 5.3

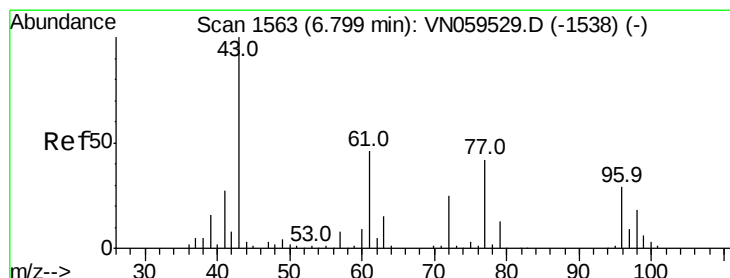
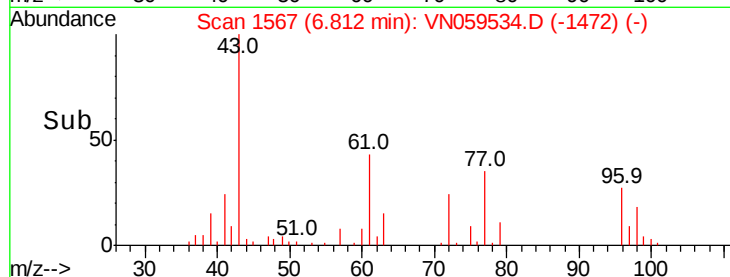
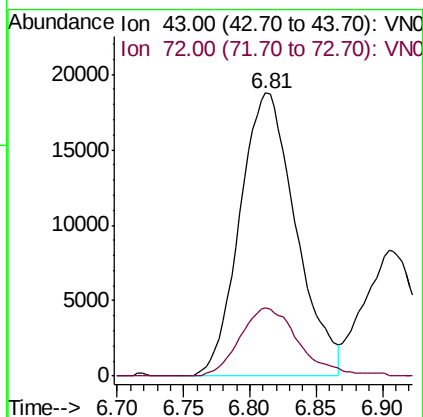
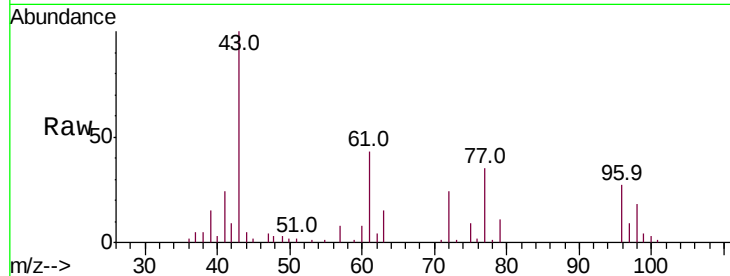




#25
2-Butanone
Concen: 23.946 ug/l
RT: 6.81 min Scan# 1567
Delta R.T. 0.01 min
Lab File: VN059534.D
Acq: 9 Dec 2019 17:41

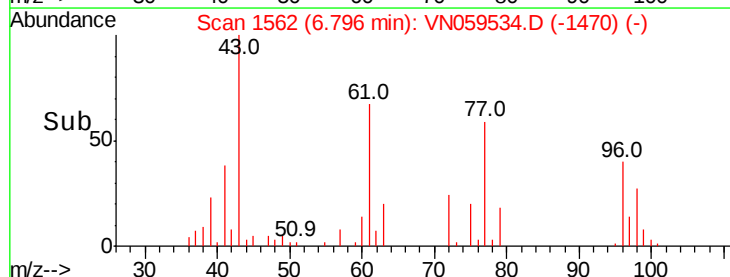
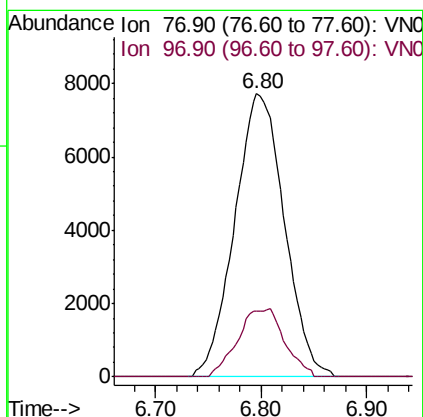
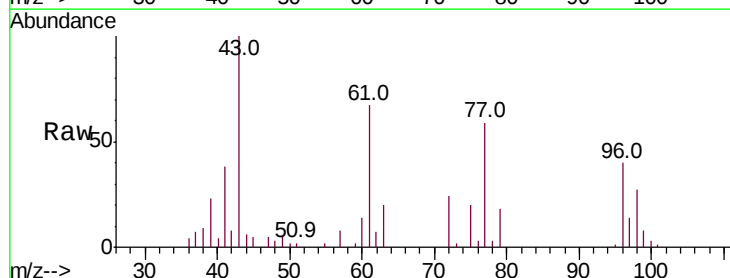
Instrument :
MSVOA_N
ClientSampled :

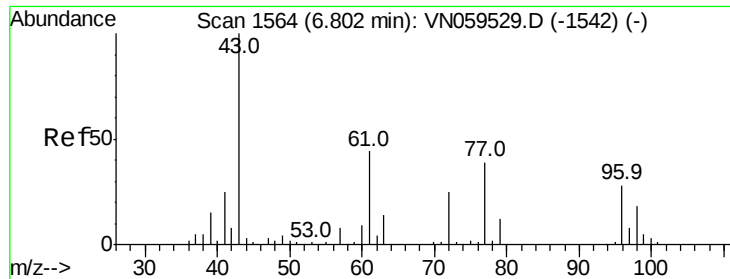
Tot Ion: 43 Resp: 55416
Ion Ratio Lower Upper
43 100
72 24.2 19.9 29.9



#26
2,2-Dichloropropane
Concen: 5.458 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VN059534.D
Acq: 9 Dec 2019 17:41

Tgt Ion: 77 Resp: 25288
Ion Ratio Lower Upper
77 100
97 22.6 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 5.318 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

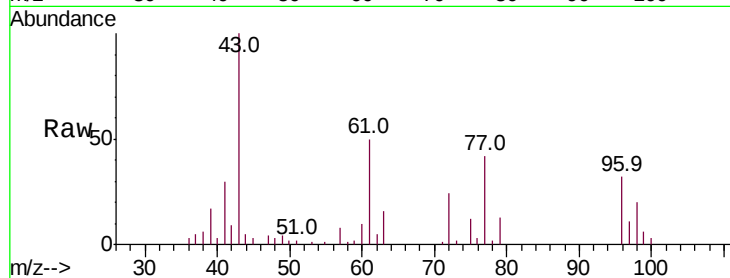
Lab File: VN059534.D

Acq: 9 Dec 2019 17:41

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 16821

Ion	Ratio	Lower	Upper
96	100		
61	160.2	0.0	320.0
98	63.9	0.0	128.6

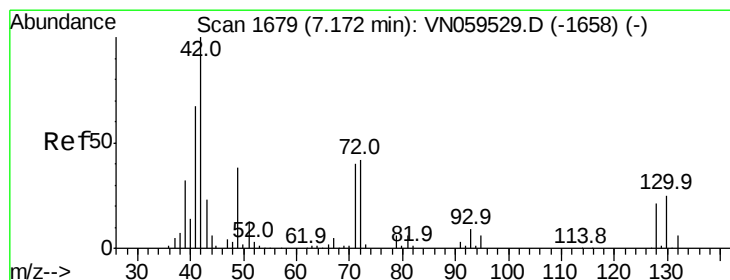
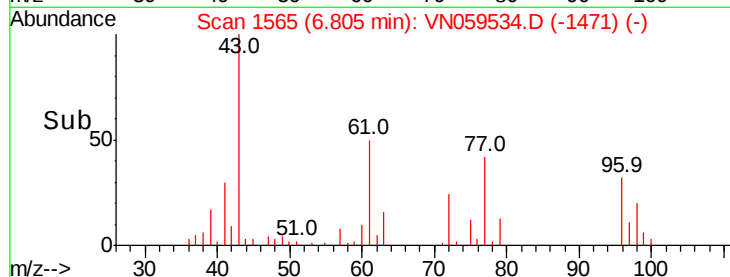
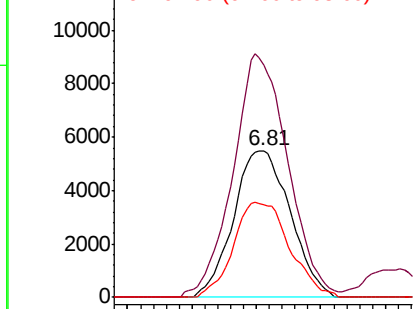


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 3.467 ug/l

RT: 7.17 min Scan# 1679

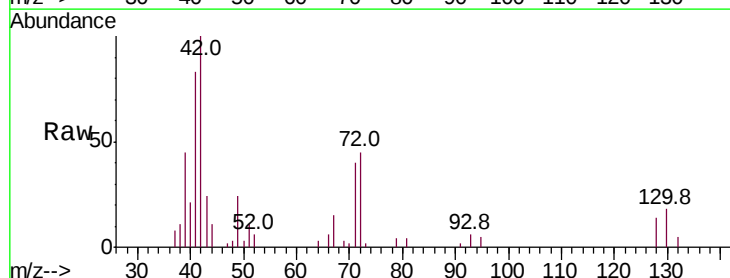
Delta R.T. -0.00 min

Lab File: VN059534.D

Acq: 9 Dec 2019 17:41

Tgt Ion: 49 Resp: 5862

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.0
130	66.9	54.2	81.2

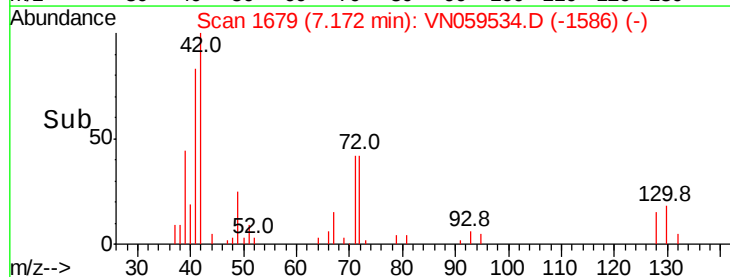
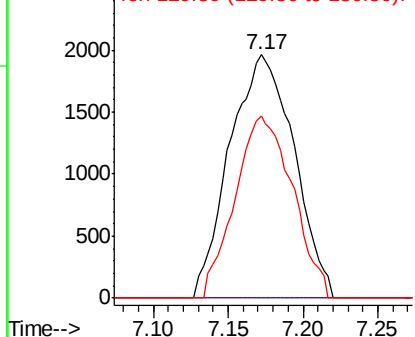


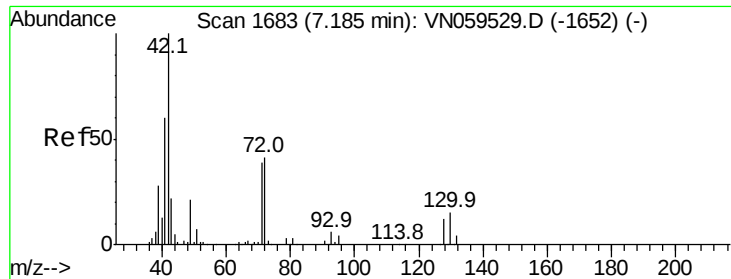
Abundance

Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

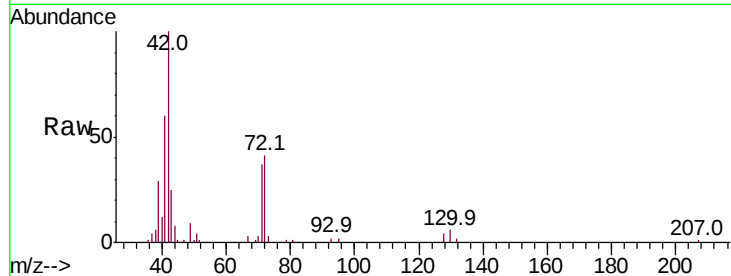




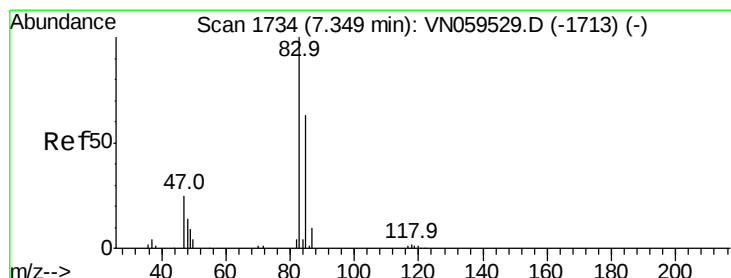
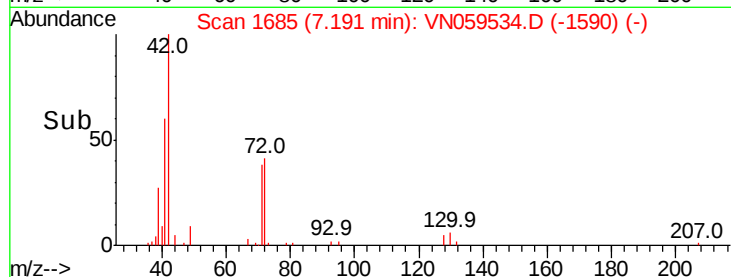
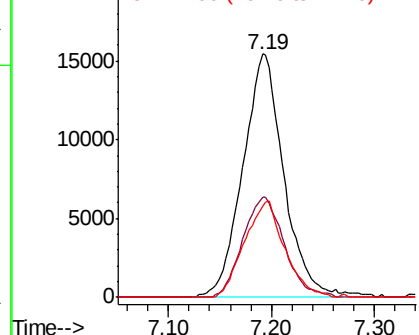
#29
Tetrahydrofuran
Concen: 29.075 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. 0.01 min
Lab File: VN059534.D
Acq: 9 Dec 2019 17:41

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 42513
Ion Ratio Lower Upper
42 100
72 41.8 32.7 49.1
71 38.9 31.4 47.2

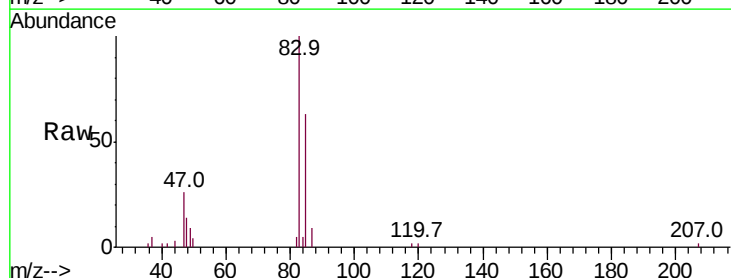


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

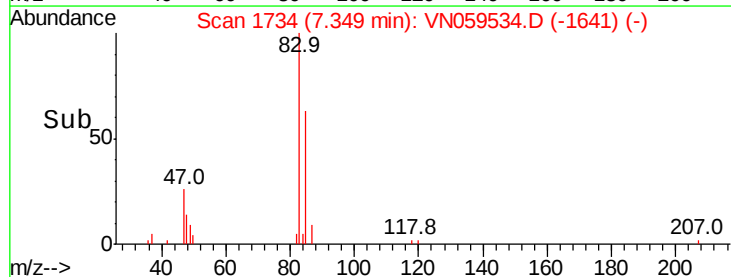
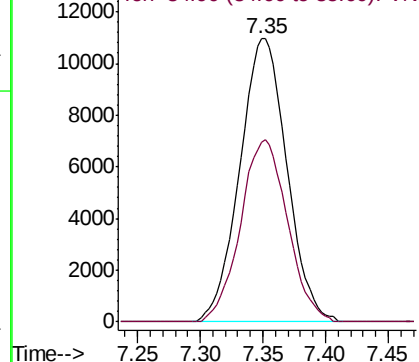


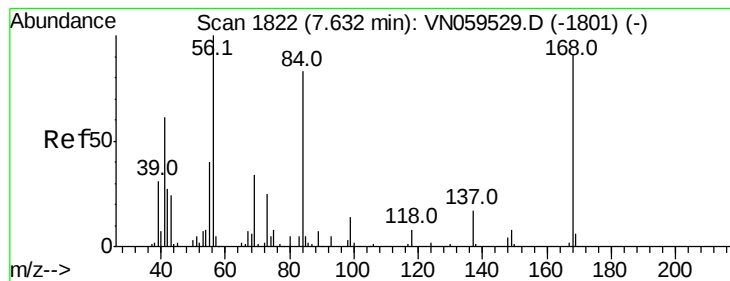
#30
Chloroform
Concen: 5.545 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.00 min
Lab File: VN059534.D
Acq: 9 Dec 2019 17:41

Tgt Ion: 83 Resp: 28628
Ion Ratio Lower Upper
83 100
85 63.4 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 5.947 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. 0.00 min

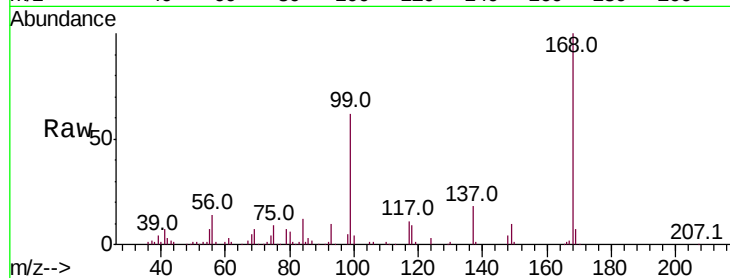
Lab File: VN059534.D

Acq: 9 Dec 2019 17:41

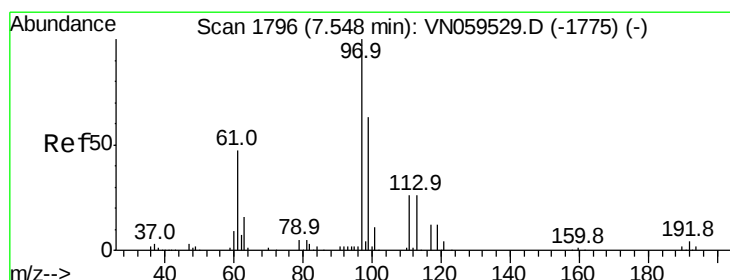
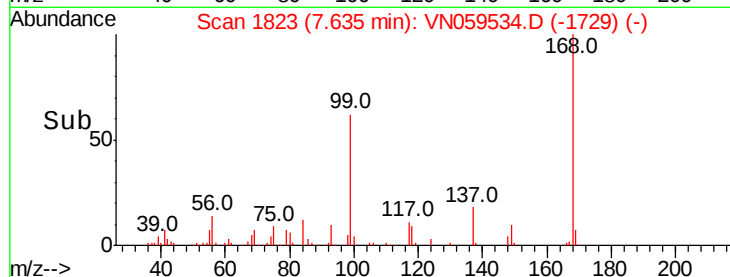
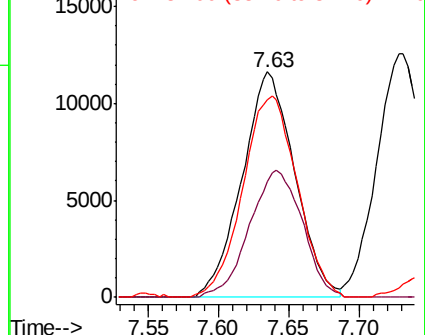
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 30374

Ion	Ratio	Lower	Upper
56	100		
69	51.4	26.9	40.3#
84	87.7	66.5	99.7



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: 5.610 ug/l

RT: 7.55 min Scan# 1797

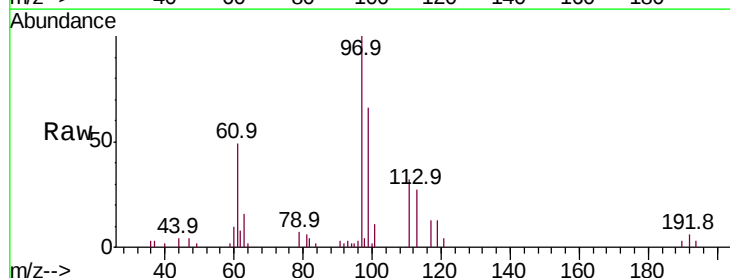
Delta R.T. 0.00 min

Lab File: VN059534.D

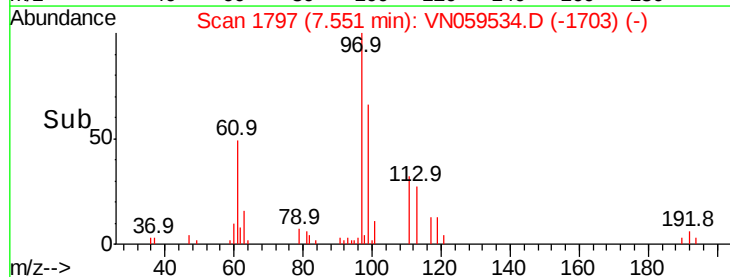
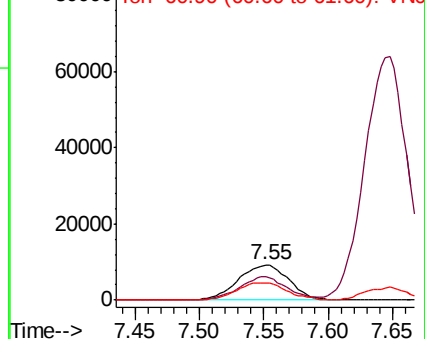
Acq: 9 Dec 2019 17:41

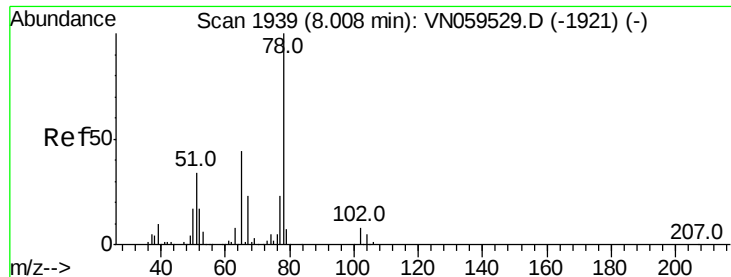
Tgt Ion: 97 Resp: 25255

Ion	Ratio	Lower	Upper
97	100		
99	62.3	51.4	77.2
61	48.4	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

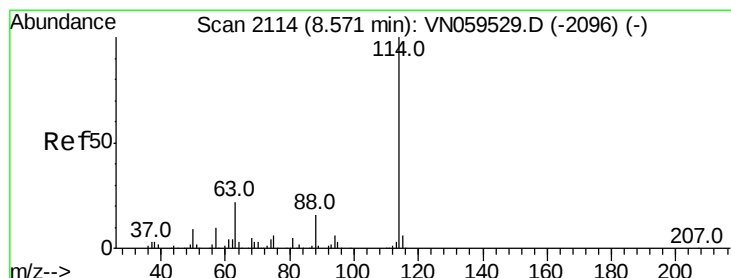
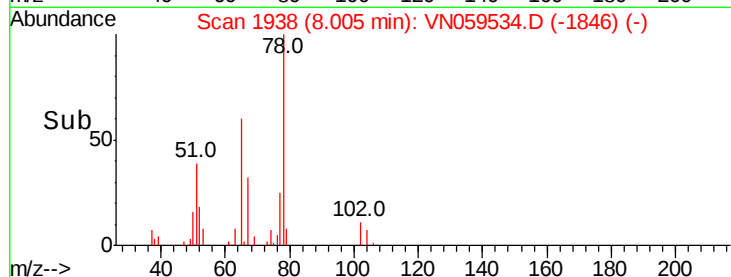
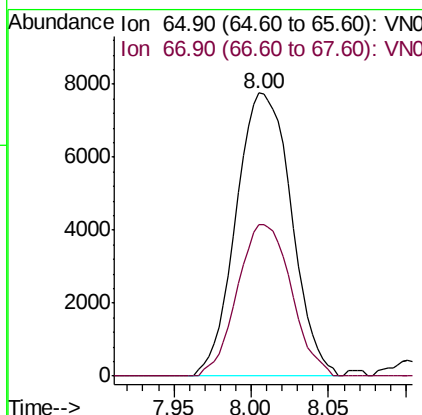
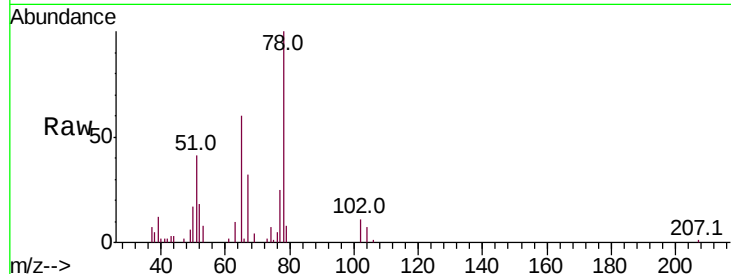




#33
 1,2-Dichloroethane-d4
 Concen: 6.197 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059534.D
 Acq: 9 Dec 2019 17:41

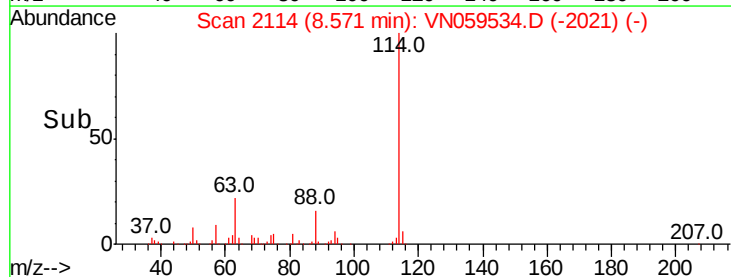
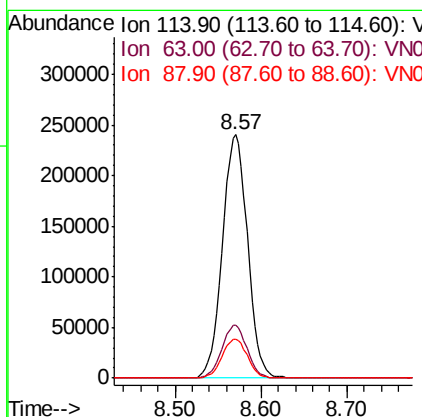
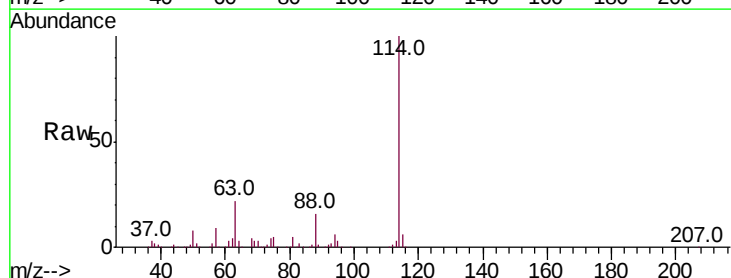
Instrument :
 MSVOA_N
 ClientSampleId :

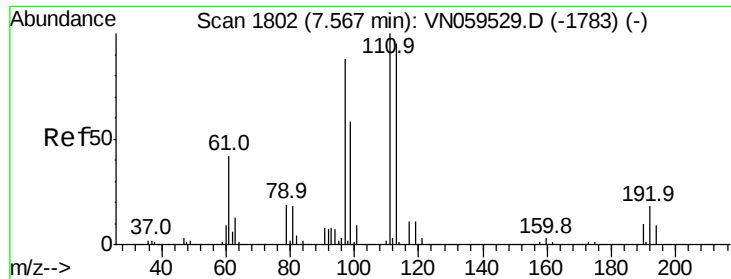
Tot Ion: 65 Resp: 19292
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VN059534.D
 Acq: 9 Dec 2019 17:41

Tgt Ion: 114 Resp: 487365
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 45.0
 88 16.1 0.0 32.2

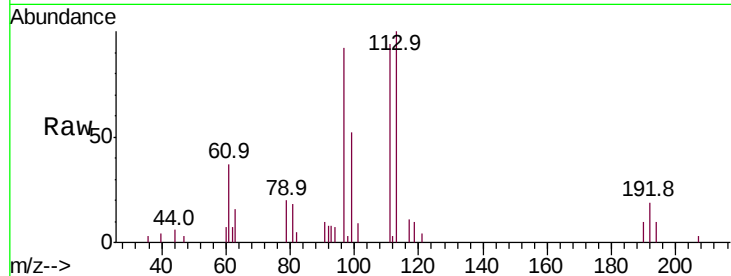




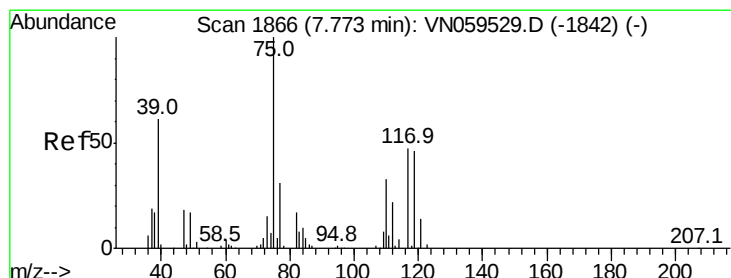
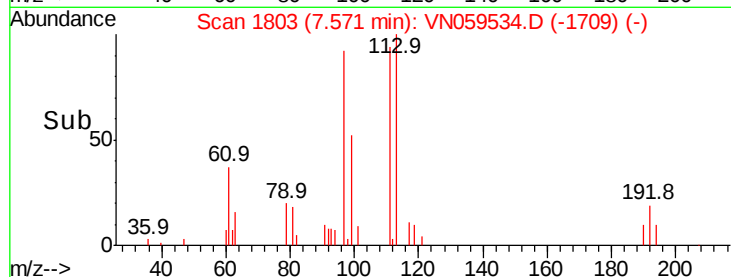
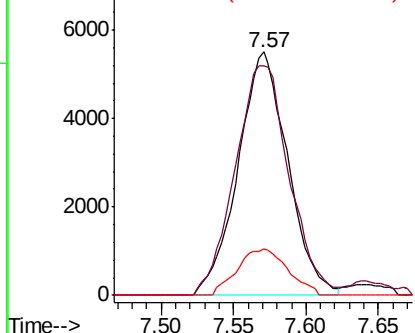
#35
 Dibromofluoromethane
 Concen: 4.442 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059534.D
 Acq: 9 Dec 2019 17:41

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:113 Resp: 13160
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.2 123.4
 192 19.4 14.8 22.2

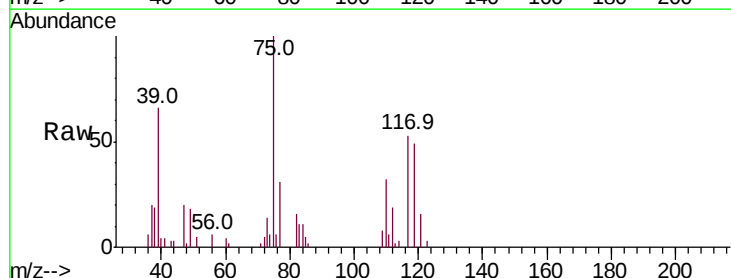


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

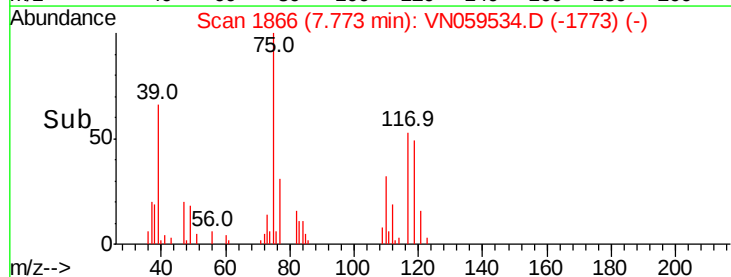
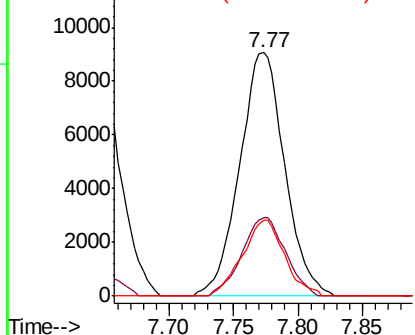


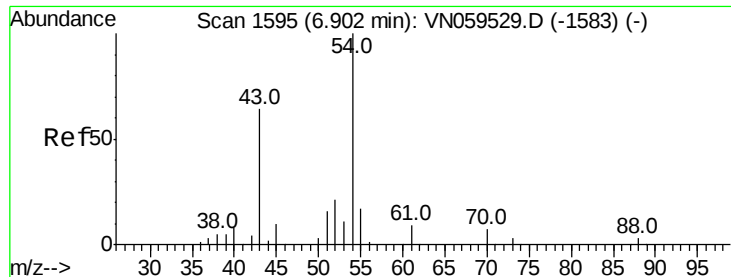
#36
 1,1-Dichloropropene
 Concen: 4.448 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN059534.D
 Acq: 9 Dec 2019 17:41

Tgt Ion: 75 Resp: 22092
 Ion Ratio Lower Upper
 75 100
 110 31.2 16.7 50.0
 77 29.2 24.6 37.0



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: 4.426 ug/l

RT: 6.91 min Scan# 1596

Delta R.T. 0.00 min

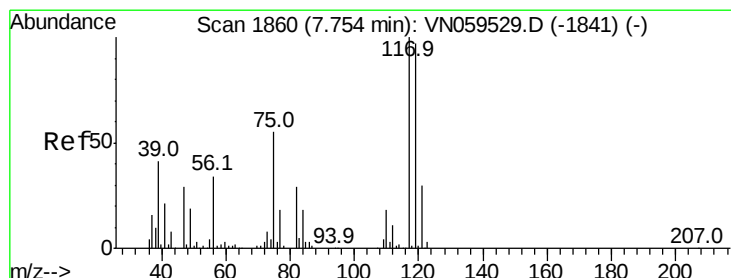
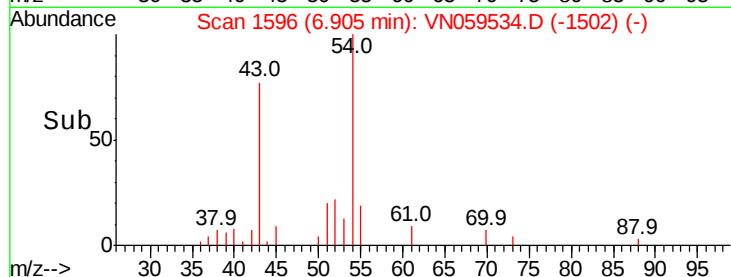
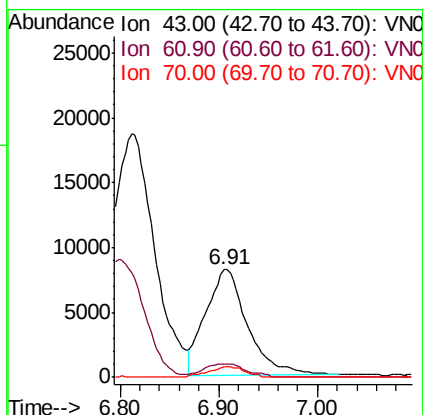
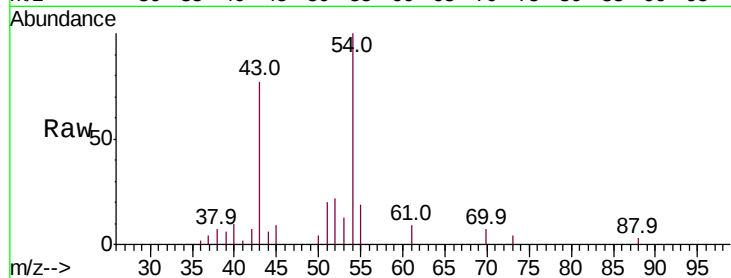
Lab File: VN059534.D

Acq: 9 Dec 2019 17:41

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 24563

Ion	Ratio	Lower	Upper
43	100		
61	4.7	11.0	16.6#
70	8.7	7.7	11.5



#38

Carbon Tetrachloride

Concen: 4.679 ug/l

RT: 7.75 min Scan# 1860

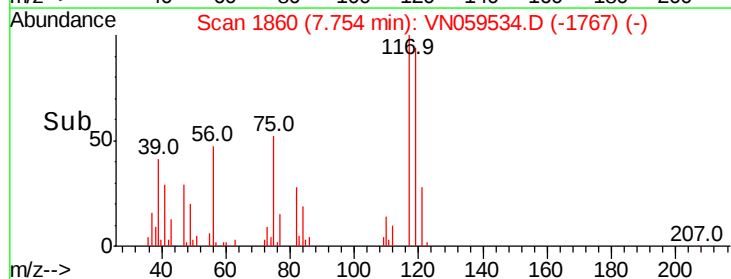
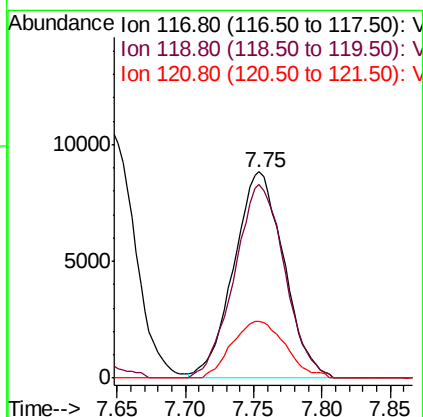
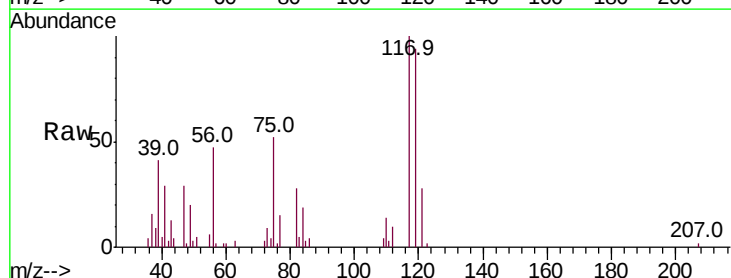
Delta R.T. -0.00 min

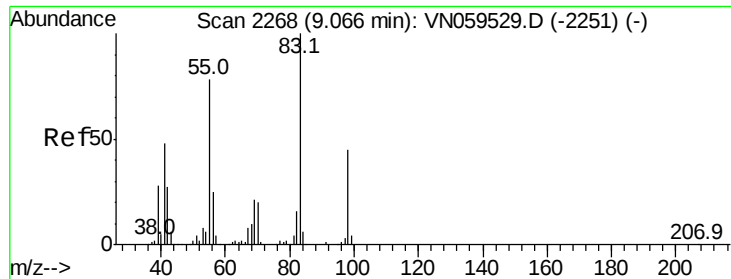
Lab File: VN059534.D

Acq: 9 Dec 2019 17:41

Tgt Ion: 117 Resp: 22459

Ion	Ratio	Lower	Upper
117	100		
119	93.9	77.0	115.4
121	27.8	24.1	36.1

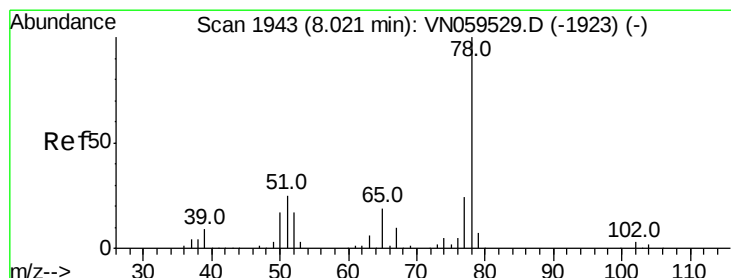
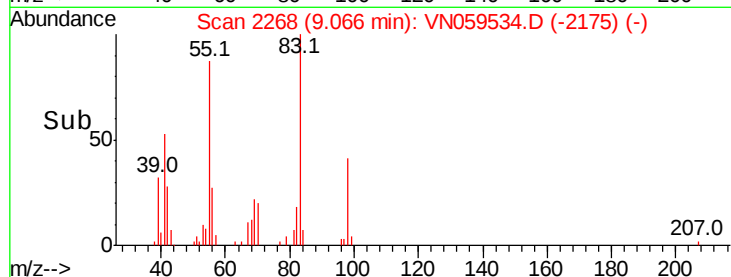
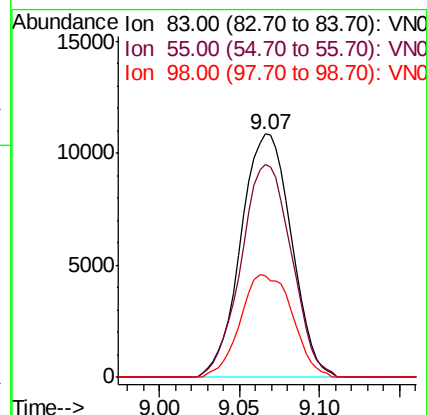
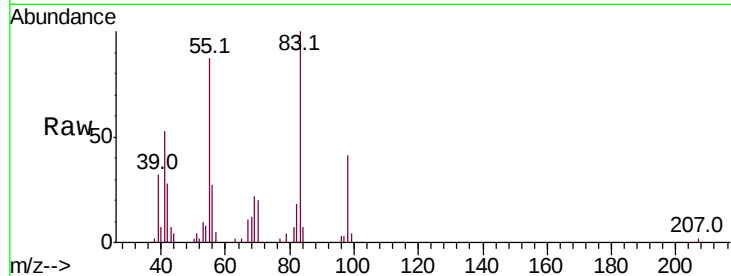




#39
Methvlcvclohexane
Concen: 3.956 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059534.D
Acq: 9 Dec 2019 17:41

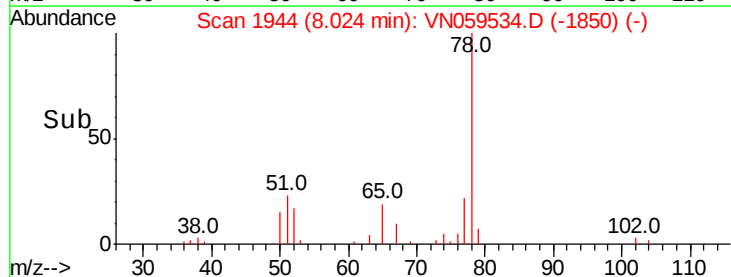
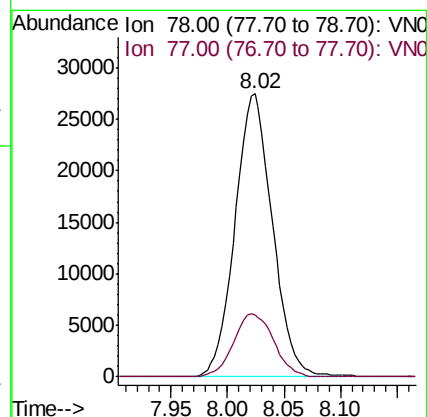
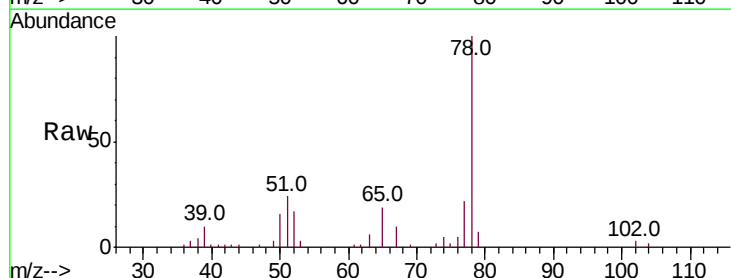
Instrument :
MSVOA_N
ClientSampled :

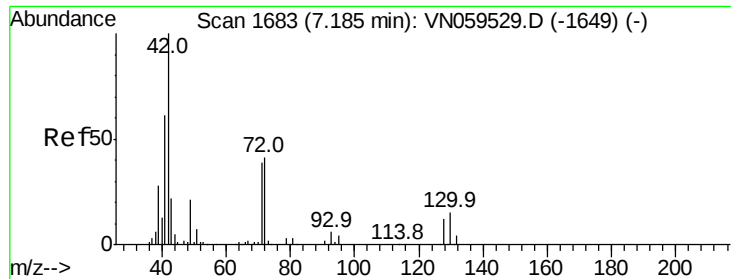
Tot Ion: 83 Resp: 23459
Ion Ratio Lower Upper
83 100
55 87.3 62.7 94.1
98 41.5 35.7 53.5



#40
Benzene
Concen: 4.366 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN059534.D
Acq: 9 Dec 2019 17:41

Tgt Ion: 78 Resp: 63233
Ion Ratio Lower Upper
78 100
77 21.7 18.8 28.2

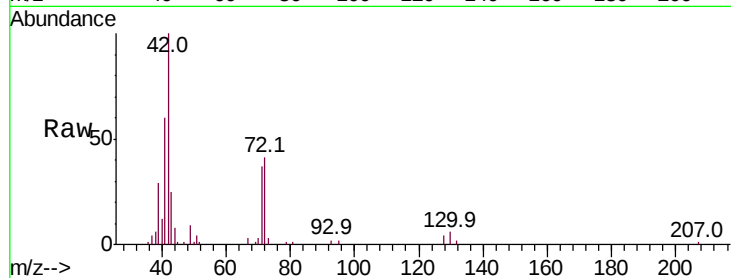




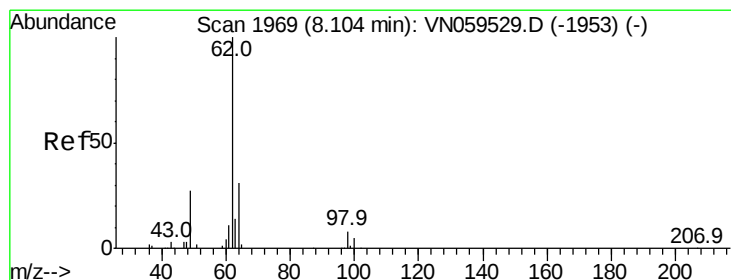
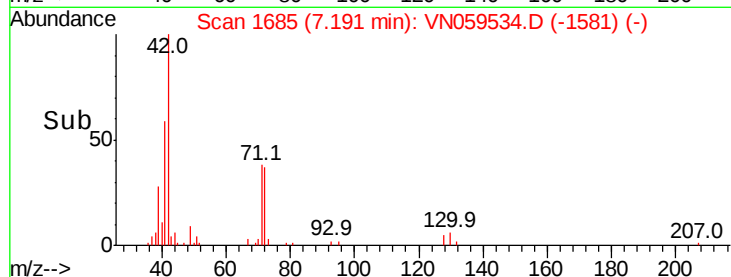
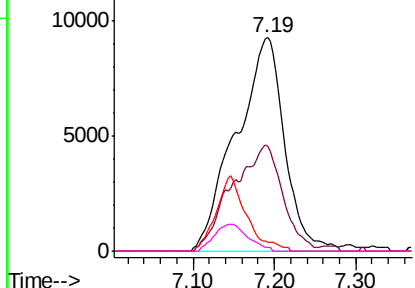
#41
Methacrylonitrile
Concen: 16.695 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. 0.04 min
Lab File: VN059534.D
Acq: 9 Dec 2019 17:41

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 38213
Ion Ratio Lower Upper
41 100
39 51.7 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

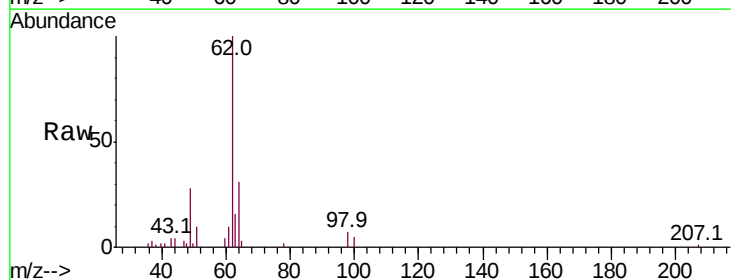


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

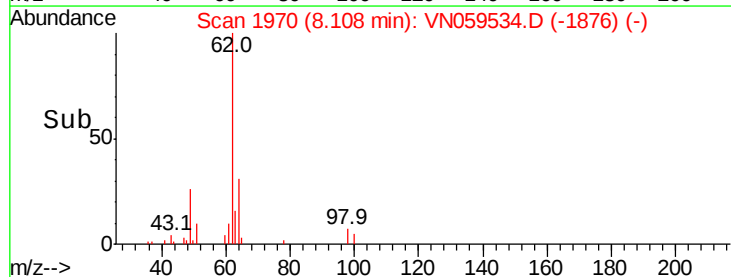
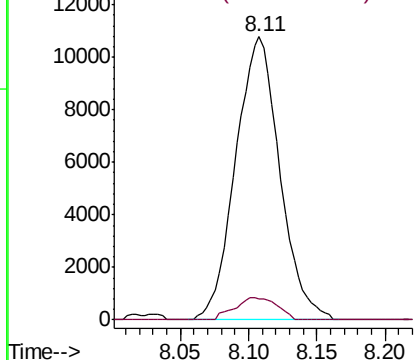


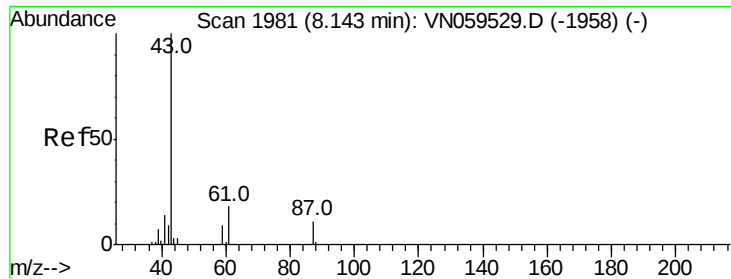
#42
1,2-Dichloroethane
Concen: 4.813 ug/l
RT: 8.11 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VN059534.D
Acq: 9 Dec 2019 17:41

Tgt Ion: 62 Resp: 24207
Ion Ratio Lower Upper
62 100
98 7.5 0.0 15.4



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 4.466 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059534.D

Acq: 9 Dec 2019 17:41

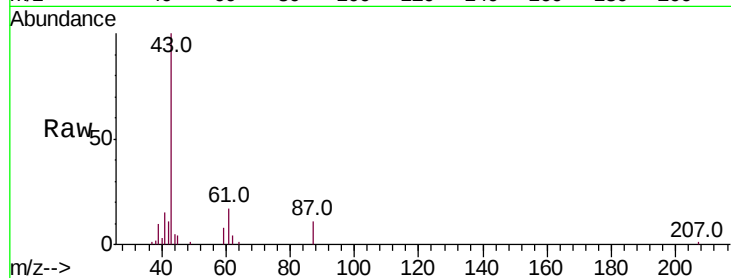
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 37087

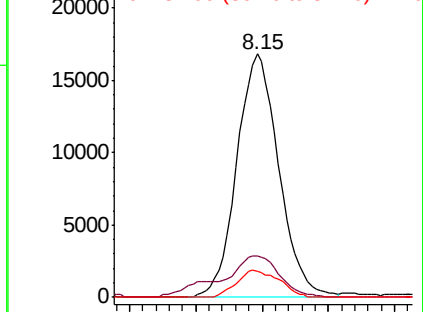
Ion	Ratio	Lower	Upper
43	100		
61	23.9	19.8	29.6
87	11.3	9.4	14.2



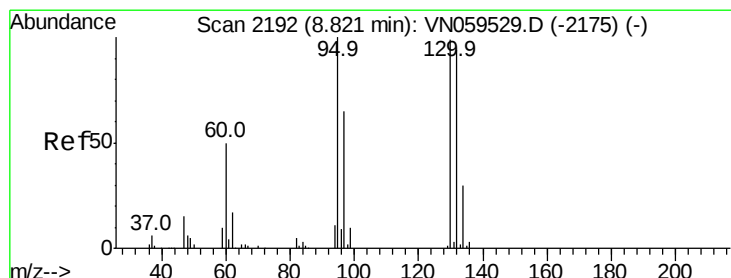
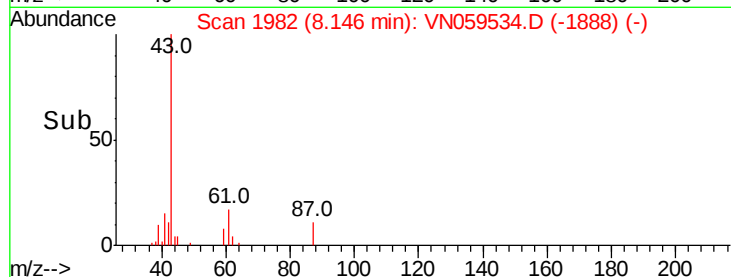
Abundance Ion 43.00 (42.70 to 43.70): VN059529.D (-1958) (-)

Ion 61.00 (60.70 to 61.70): VN059529.D (-1958) (-)

Ion 87.00 (86.70 to 87.70): VN059529.D (-1958) (-)



Time-->



#44

Trichloroethene

Concen: 4.317 ug/l

RT: 8.82 min Scan# 2192

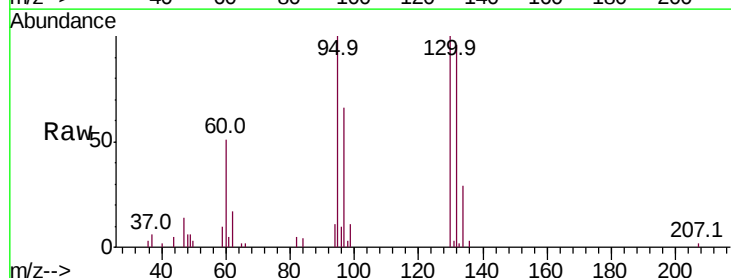
Delta R.T. -0.00 min

Lab File: VN059534.D

Acq: 9 Dec 2019 17:41

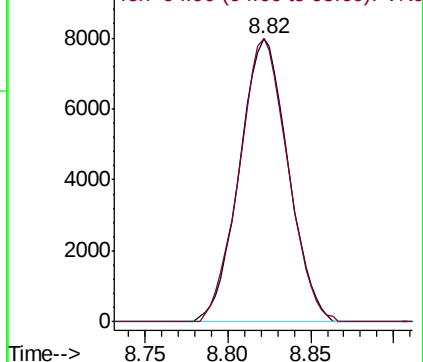
Tgt Ion:130 Resp: 16304

Ion	Ratio	Lower	Upper
130	100		
95	100.1	0.0	202.0

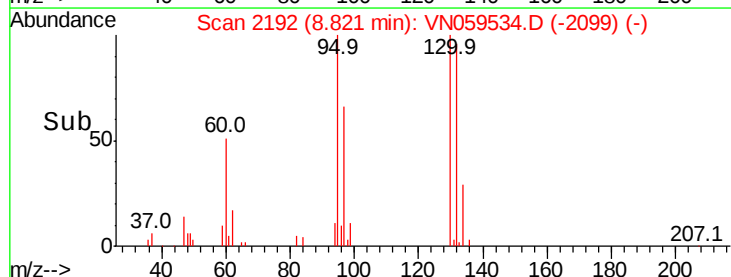


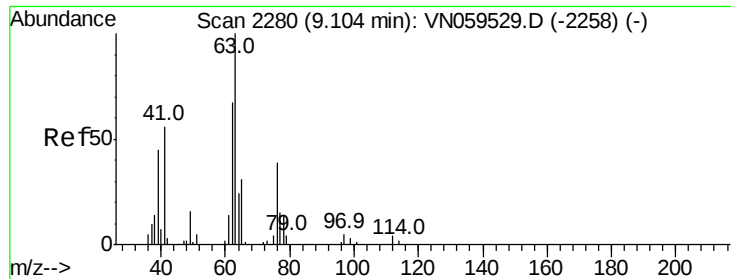
Abundance Ion 129.80 (129.50 to 130.50): VN059529.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN059529.D (-2175) (-)



Time-->





#45

1,2-Dichloropropane

Concen: 4.365 ug/l

RT: 9.11 min Scan# 2281

Delta R.T. 0.00 min

Lab File: VN059534.D

Acq: 9 Dec 2019 17:41

Instrument :

MSVOA_N

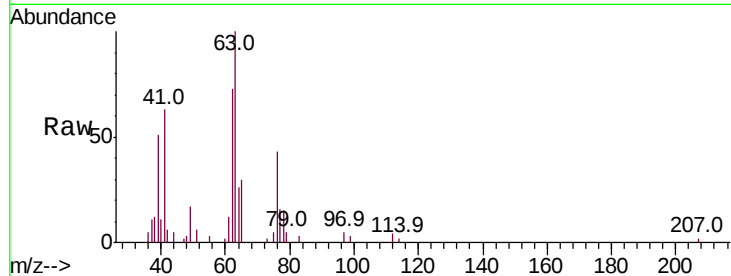
ClientSampled :

Tot Ion: 63 Resp: 16919

Ion Ratio Lower Upper

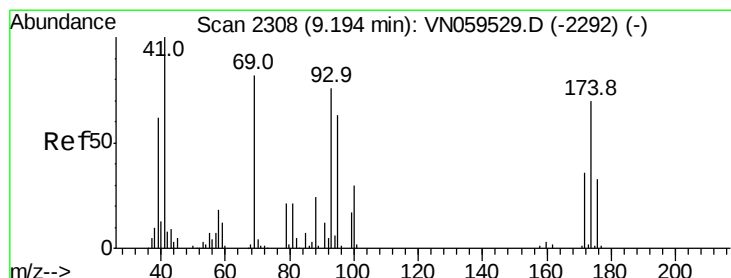
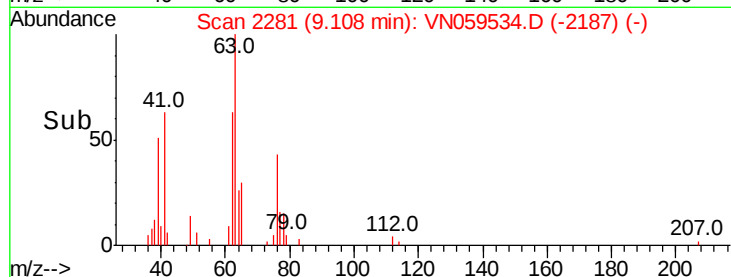
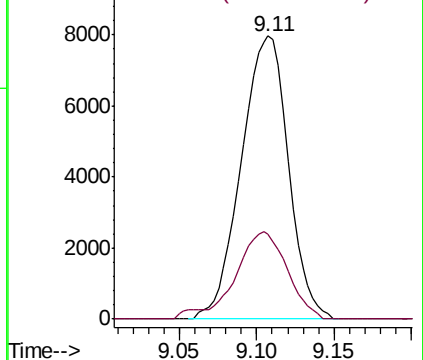
63 100

65 29.9 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 4.664 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN059534.D

Acq: 9 Dec 2019 17:41

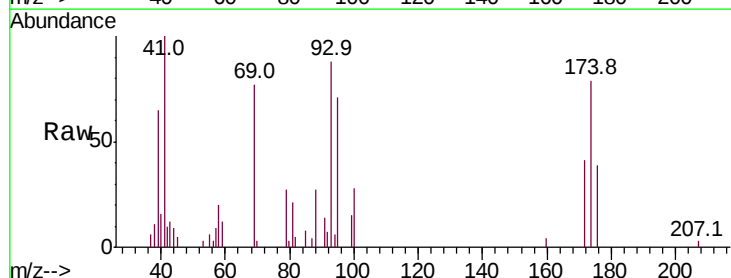
Tgt Ion: 93 Resp: 11316

Ion Ratio Lower Upper

93 100

95 79.5 67.0 100.6

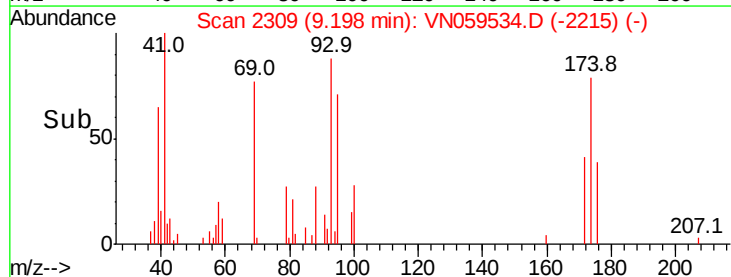
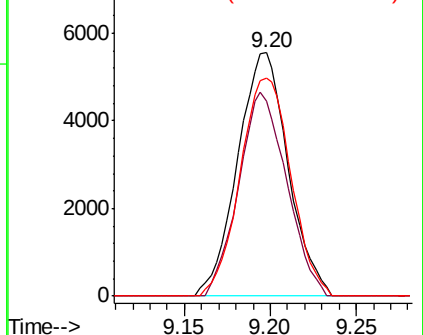
174 90.0 75.6 113.4

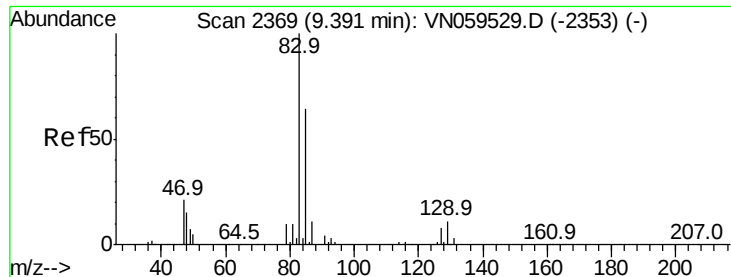


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 4.475 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. -0.00 min

Lab File: VN059534.D

Acq: 9 Dec 2019 17:41

Instrument :

MSVOA_N

ClientSampled :

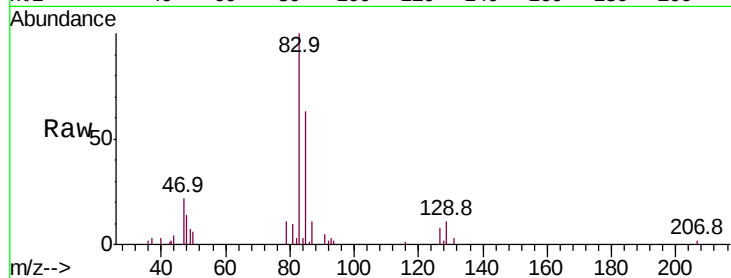
Tot Ion: 83 Resp: 21844

Ion Ratio Lower Upper

83 100

85 62.6 51.4 77.0

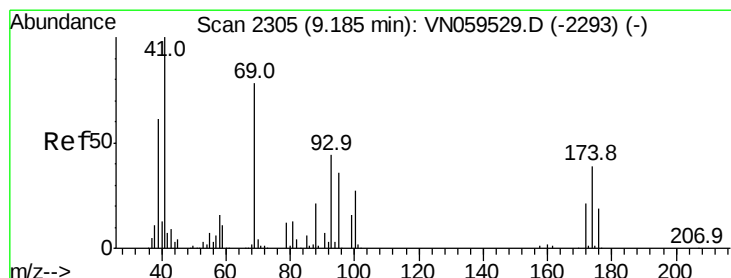
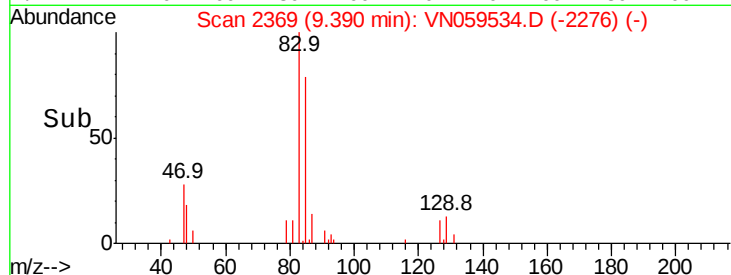
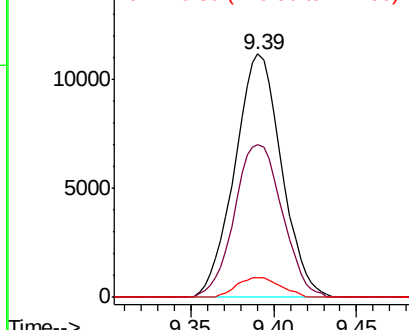
127 8.3 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VN059534.D (-2276) (-)

15000 Ion 84.90 (84.60 to 85.60): VN059534.D (-2276) (-)

Ion 126.80 (126.50 to 127.50): VN059534.D (-2276) (-)



#48

Methyl methacrylate

Concen: 4.060 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VN059534.D

Acq: 9 Dec 2019 17:41

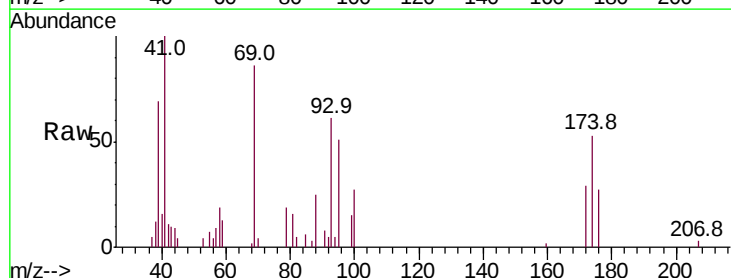
Tgt Ion: 41 Resp: 15185

Ion Ratio Lower Upper

41 100

69 81.0 64.0 96.0

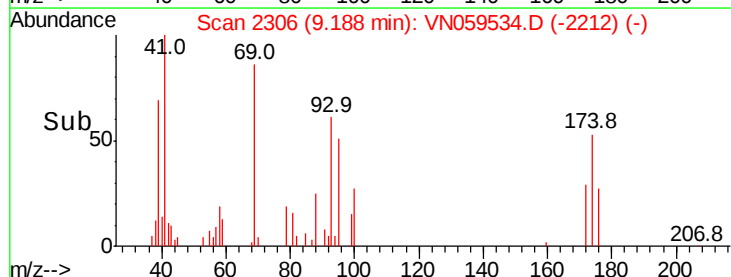
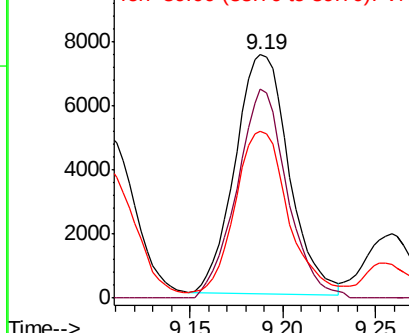
39 66.7 50.0 75.0

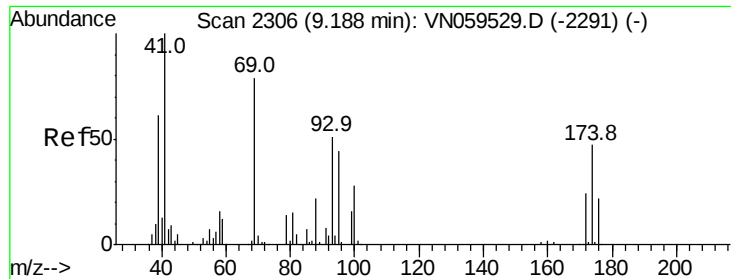


Abundance Ion 41.00 (40.70 to 41.70): VN059534.D (-2212) (-)

10000 Ion 69.00 (68.70 to 69.70): VN059534.D (-2212) (-)

Ion 39.00 (38.70 to 39.70): VN059534.D (-2212) (-)

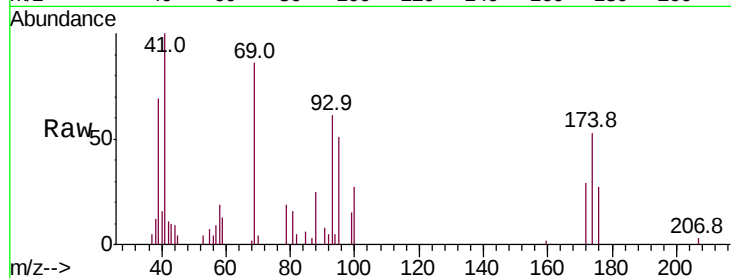




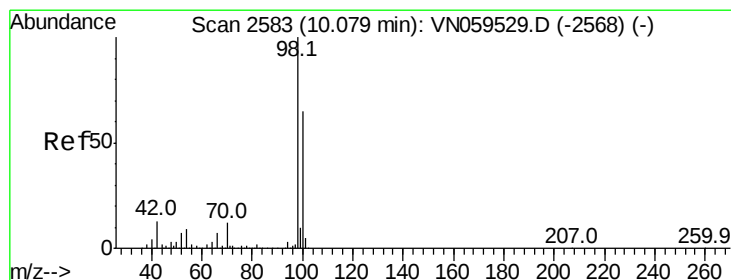
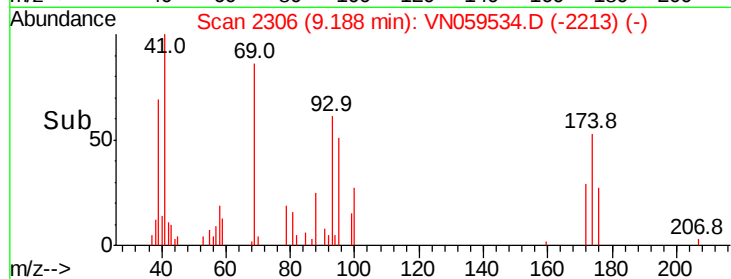
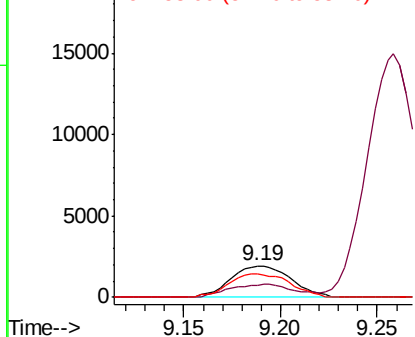
#49
1,4-Dioxane
Concen: 75.750 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. -0.00 min
Lab File: VN059534.D
Acq: 9 Dec 2019 17:41

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 4173
Ion Ratio Lower Upper
88 100
43 45.6 31.4 47.0
58 75.1 61.0 91.6

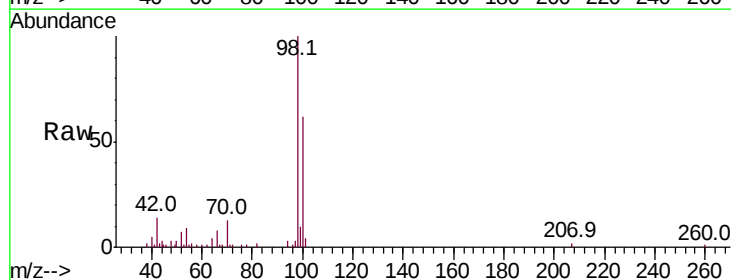


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

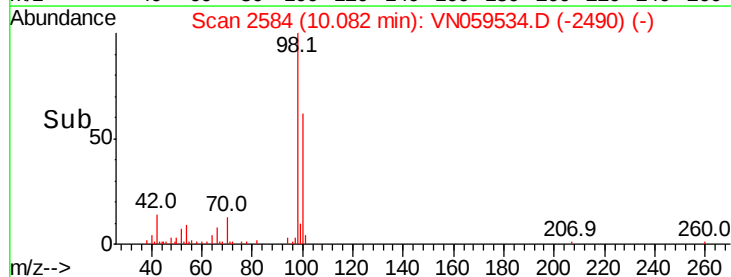
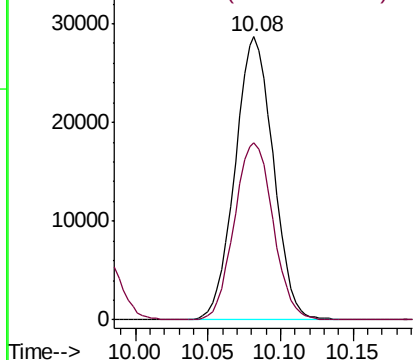


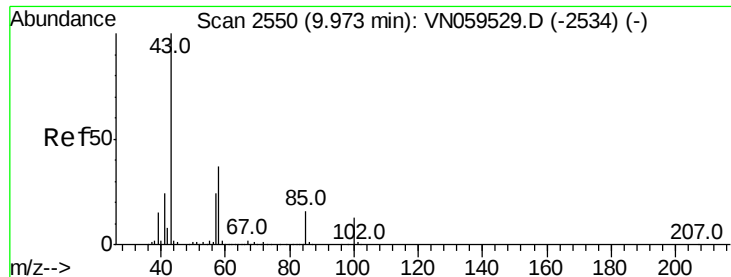
#50
Toluene-d8
Concen: 4.535 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059534.D
Acq: 9 Dec 2019 17:41

Tgt Ion: 98 Resp: 52601
Ion Ratio Lower Upper
98 100
100 63.3 51.8 77.8



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

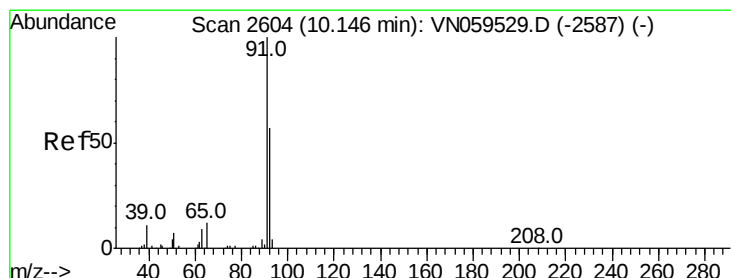
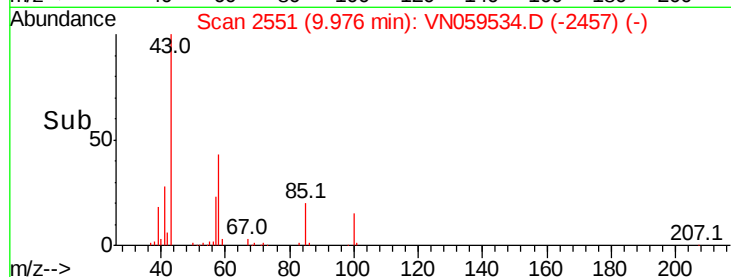
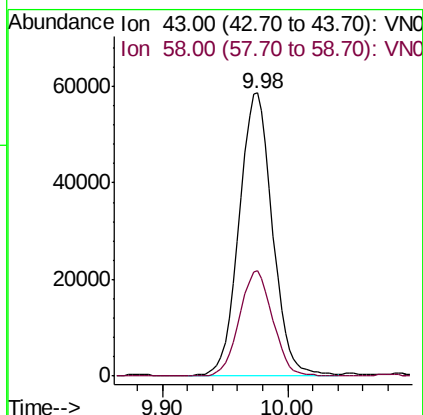
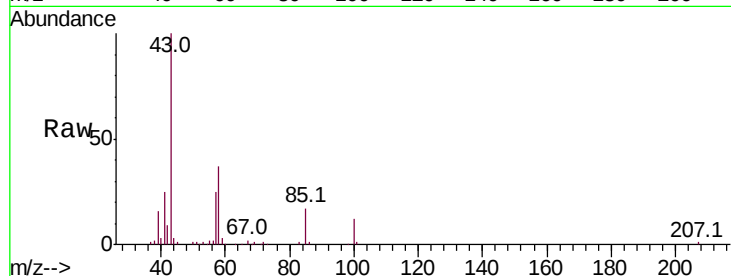




#51
4-Methyl-2-Pentanone
Concen: 21.781 ug/l
RT: 9.98 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VN059534.D
Acq: 9 Dec 2019 17:41

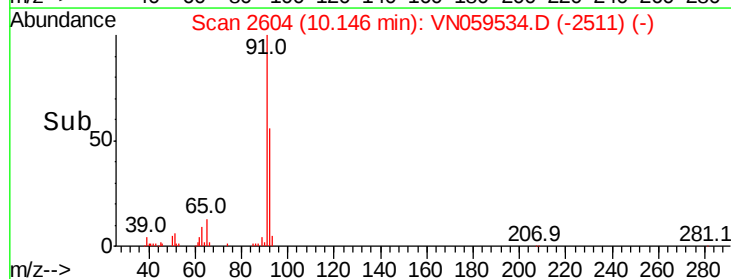
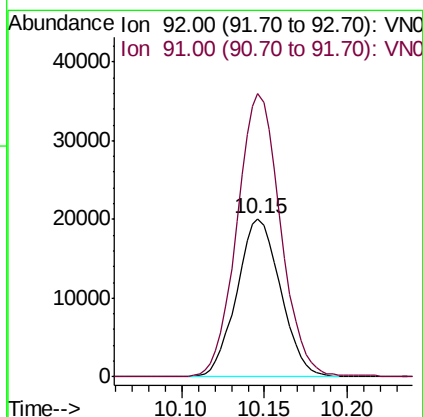
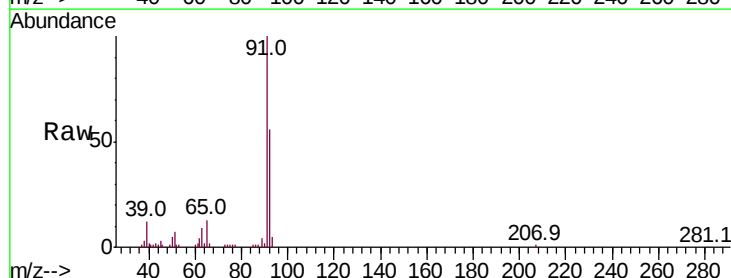
Instrument :
MSVOA_N
ClientSampleId :

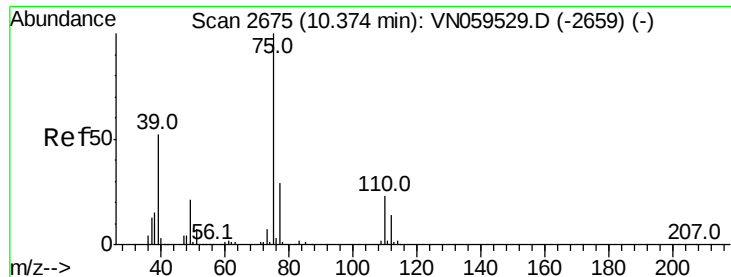
Tot Ion: 43 Resp: 107145
Ion Ratio Lower Upper
43 100
58 37.6 30.1 45.1



#52
Toluene
Concen: 4.213 ug/l
RT: 10.15 min Scan# 2604
Delta R.T. -0.00 min
Lab File: VN059534.D
Acq: 9 Dec 2019 17:41

Tgt Ion: 92 Resp: 36815
Ion Ratio Lower Upper
92 100
91 178.1 140.7 211.1





#53

t-1,3-Dichloropropene

Concen: 4.207 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. -0.00 min

Lab File: VN059534.D

Acq: 9 Dec 2019 17:41

Instrument :

MSVOA_N

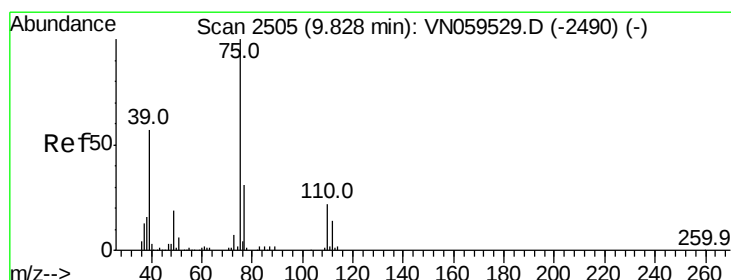
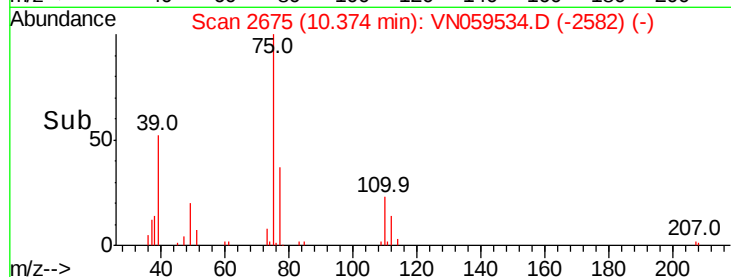
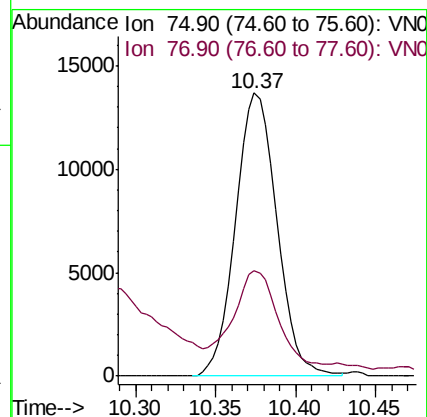
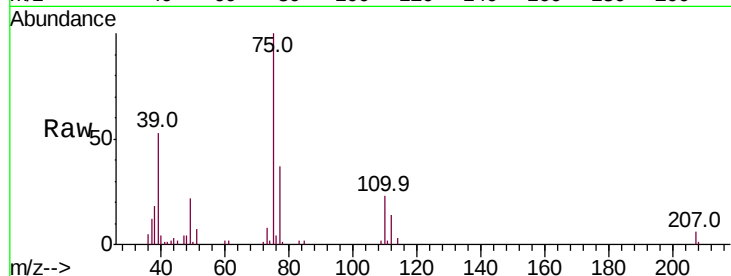
ClientSampled :

Tot Ion: 75 Resp: 24087

Ion Ratio Lower Upper

75 100

77 33.1 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 4.221 ug/l

RT: 9.83 min Scan# 2506

Delta R.T. 0.00 min

Lab File: VN059534.D

Acq: 9 Dec 2019 17:41

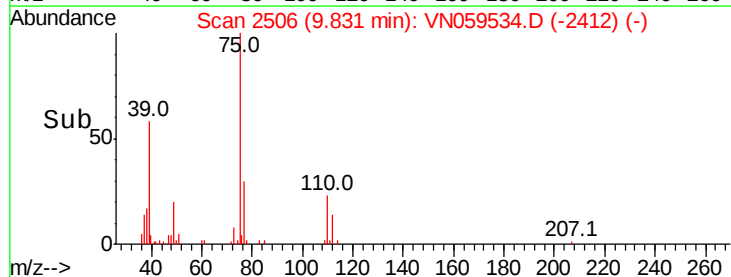
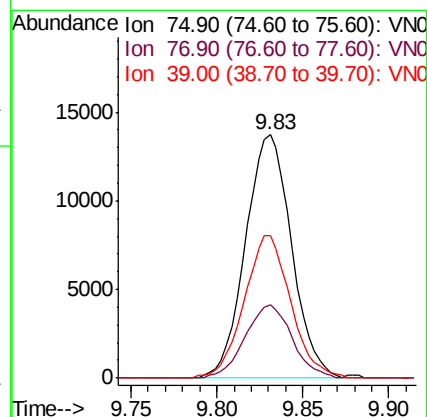
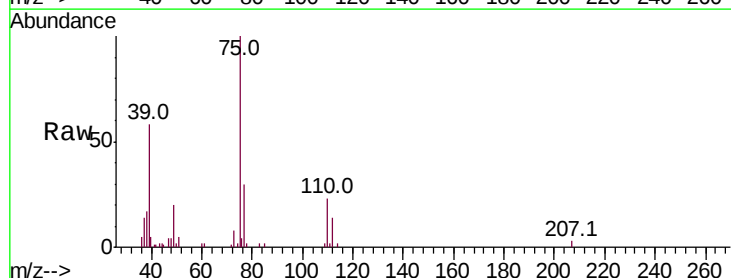
Tgt Ion: 75 Resp: 25493

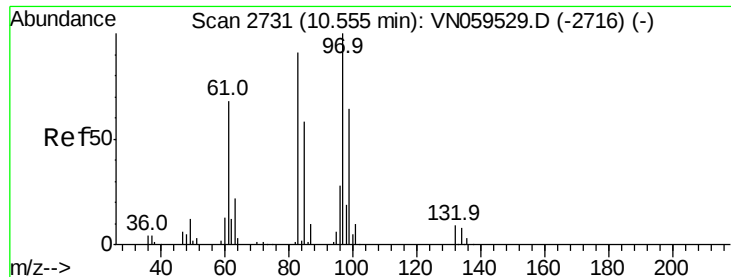
Ion Ratio Lower Upper

75 100

77 30.0 24.6 36.8

39 58.4 45.6 68.4

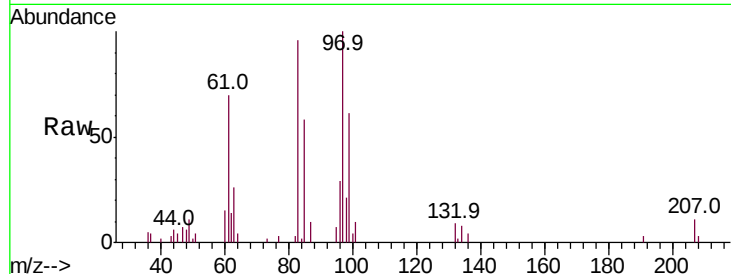




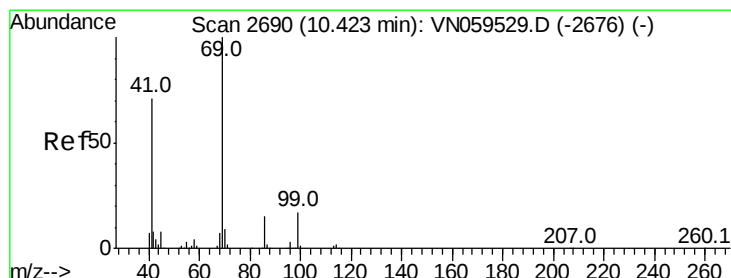
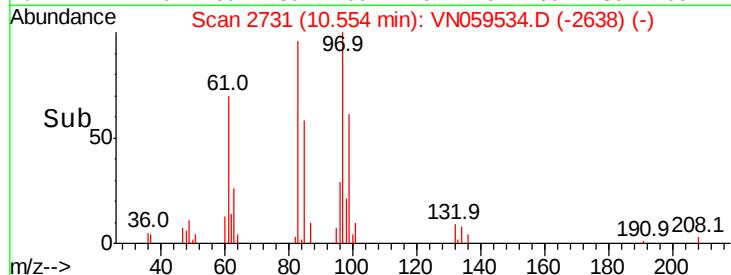
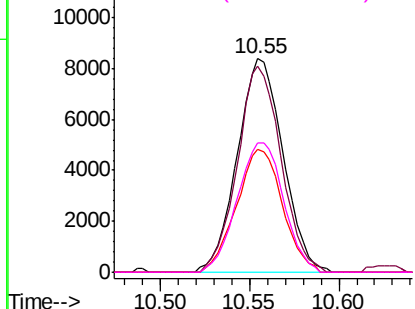
#55
1,1,2-Trichloroethane
Concen: 4.338 ug/l
RT: 10.55 min Scan# 2731
Delta R.T. -0.00 min
Lab File: VN059534.D
Acq: 9 Dec 2019 17:41

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 97 Resp: 14965
Ion Ratio Lower Upper
97 100
83 96.4 72.9 109.3
85 57.7 46.1 69.1
99 60.6 50.8 76.2

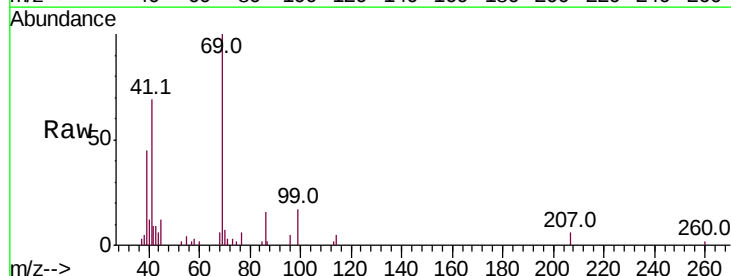


Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 98.90 (98.60 to 99.60): VN0

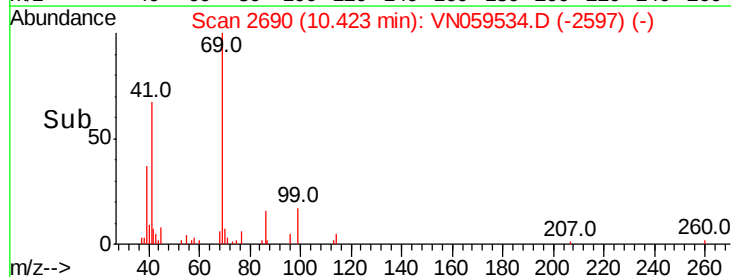
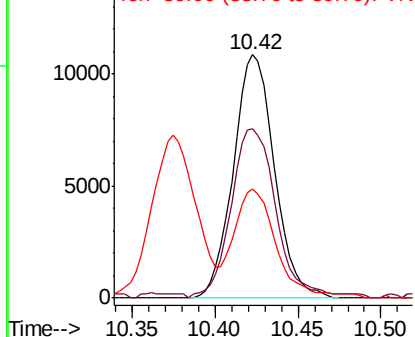


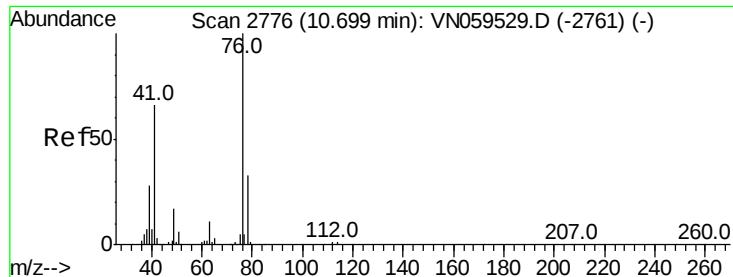
#56
Ethyl methacrylate
Concen: 3.750 ug/l
RT: 10.42 min Scan# 2690
Delta R.T. -0.00 min
Lab File: VN059534.D
Acq: 9 Dec 2019 17:41

Tgt Ion: 69 Resp: 18745
Ion Ratio Lower Upper
69 100
41 76.8 57.7 86.5
39 43.7 34.2 51.2



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: 4.262 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. -0.00 min

Lab File: VN059534.D

Acq: 9 Dec 2019 17:41

Instrument :

MSVOA_N

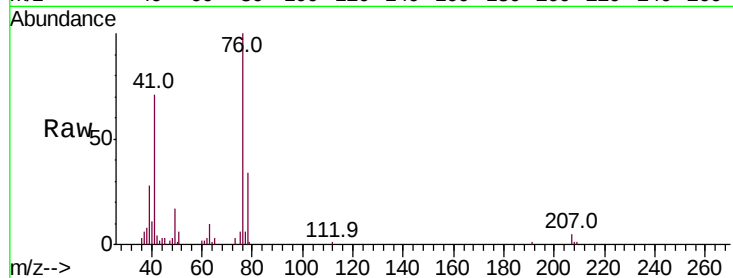
ClientSampleId :

Tot Ion: 76 Resp: 25531

Ion Ratio Lower Upper

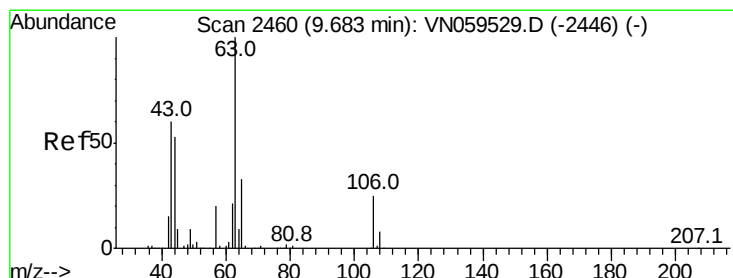
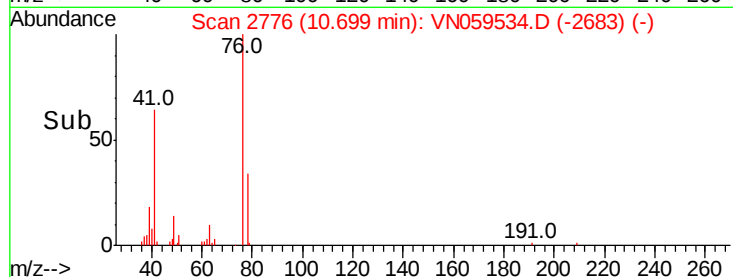
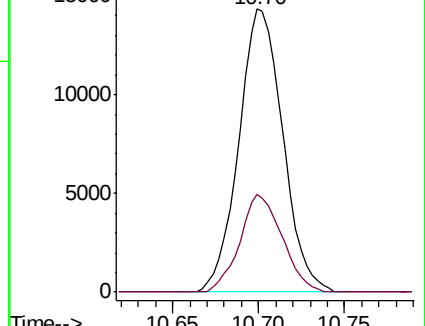
76 100

78 33.2 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 24.970 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. -0.00 min

Lab File: VN059534.D

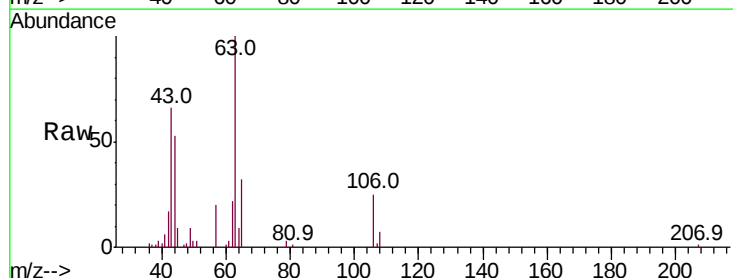
Acq: 9 Dec 2019 17:41

Tgt Ion: 63 Resp: 36465

Ion Ratio Lower Upper

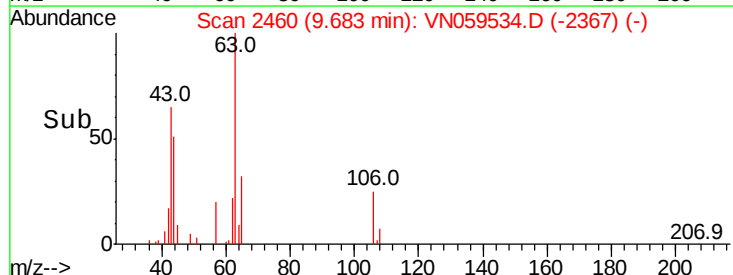
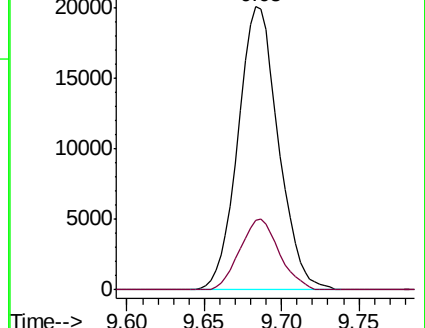
63 100

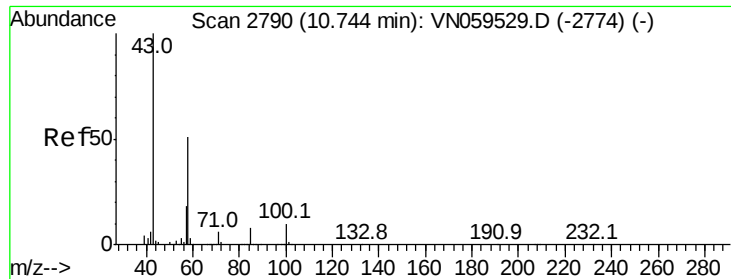
106 24.4 19.9 29.9



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

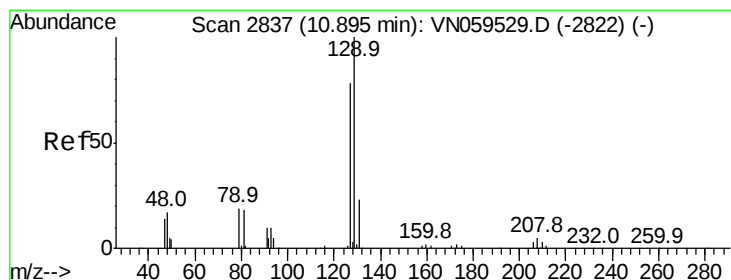
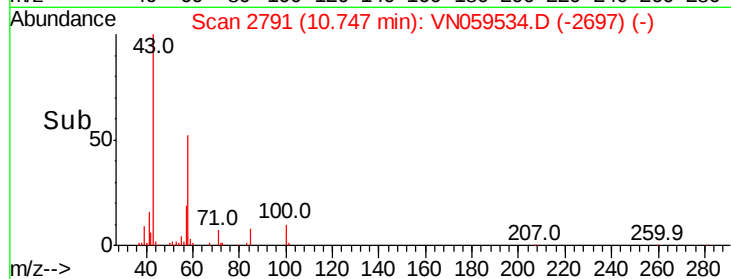
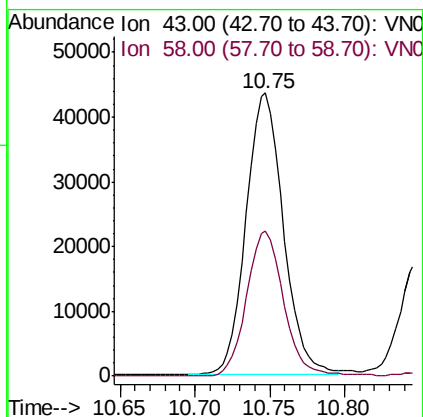
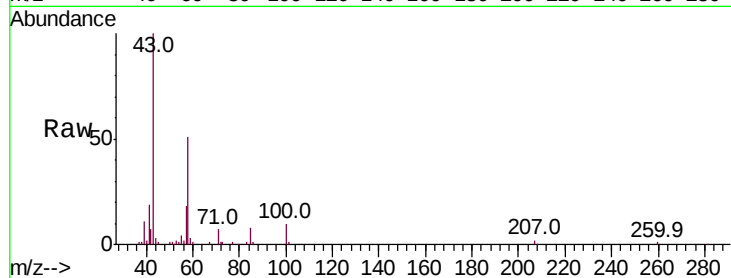




#59
2-Hexanone
Concen: 20.447 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN059534.D
Acq: 9 Dec 2019 17:41

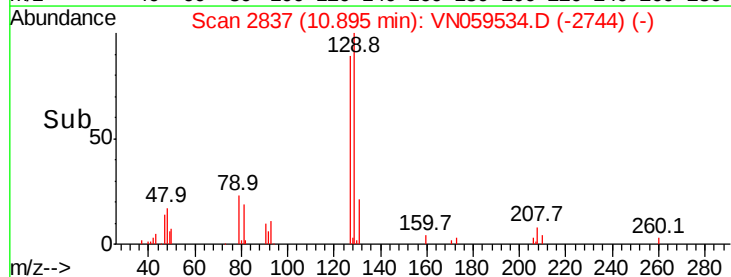
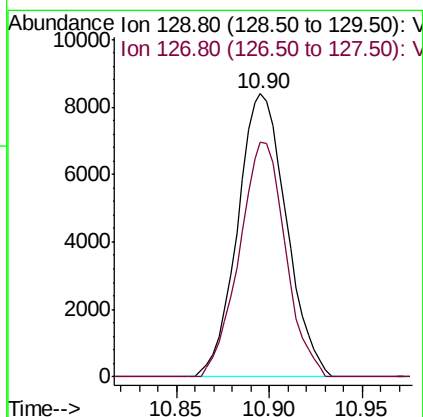
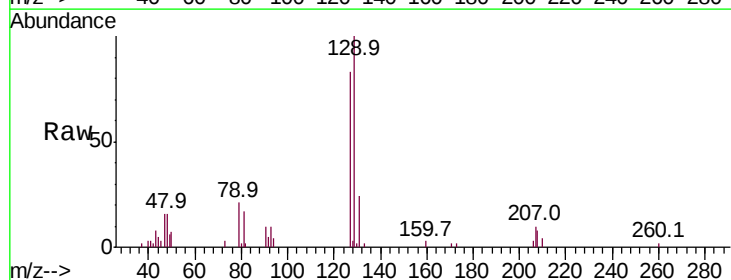
Instrument :
MSVOA_N
ClientSampled :

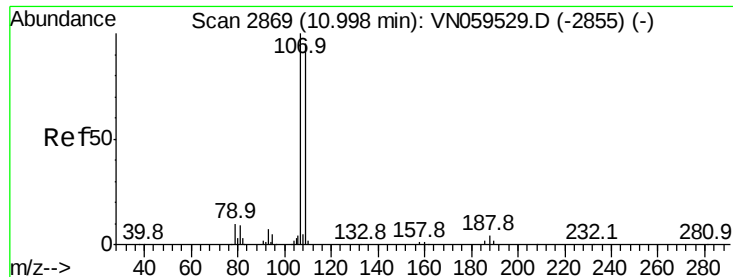
Tot Ion: 43 Resp: 75698
Ion Ratio Lower Upper
43 100
58 50.9 25.9 77.6



#60
Dibromochloromethane
Concen: 4.129 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059534.D
Acq: 9 Dec 2019 17:41

Tgt Ion: 129 Resp: 15307
Ion Ratio Lower Upper
129 100
127 78.5 38.9 116.6

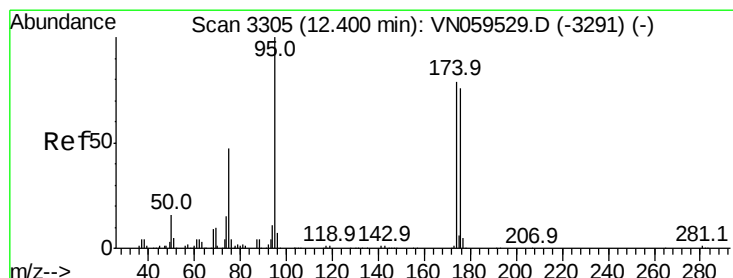
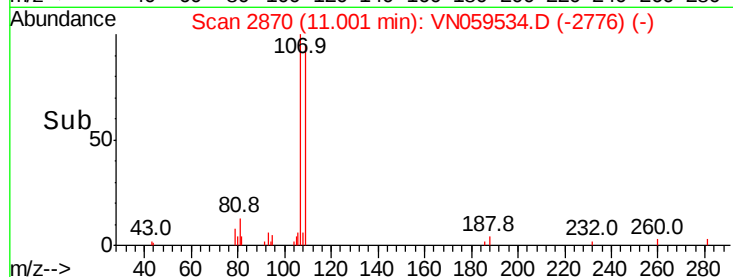
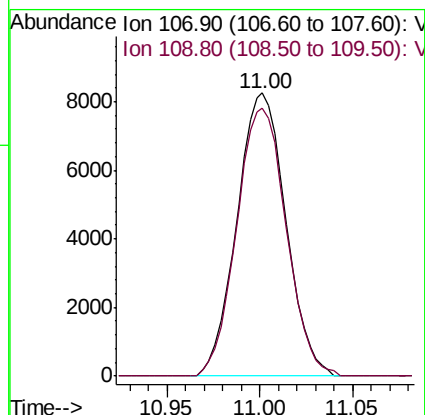
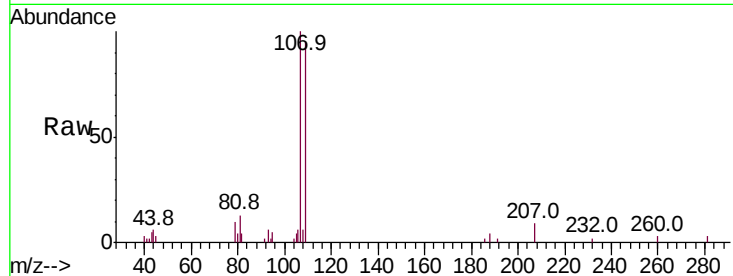




#61
 1,2-Dibromoethane
 Concen: 4.221 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. 0.00 min
 Lab File: VN059534.D
 Acq: 9 Dec 2019 17:41

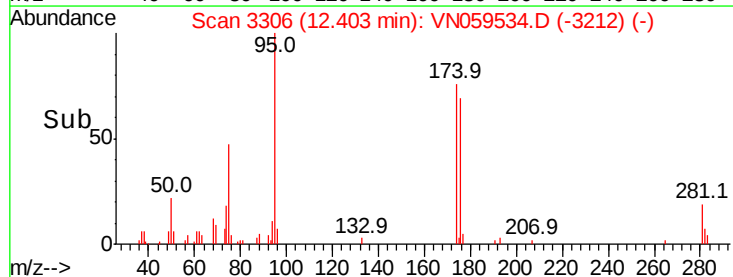
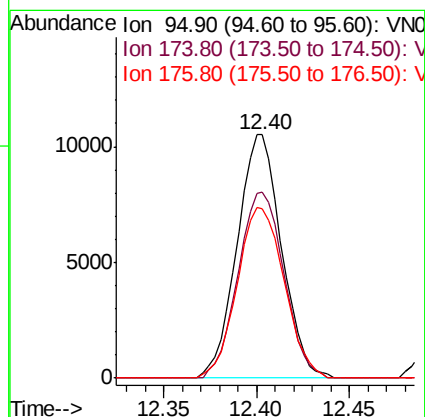
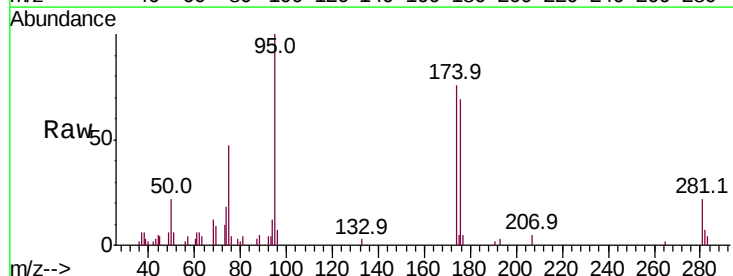
Instrument :
 MSVOA_N
 ClientSampleId :

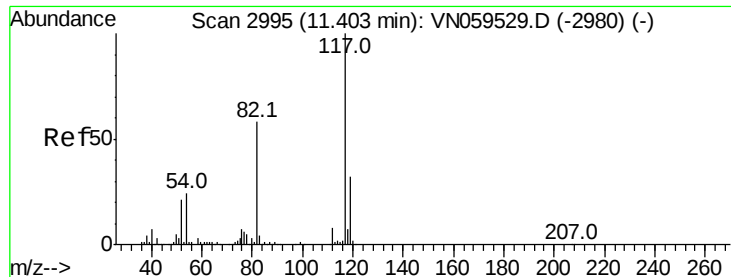
Tot Ion:107 Resp: 15087
 Ion Ratio Lower Upper
 107 100
 109 96.0 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 4.178 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN059534.D
 Acq: 9 Dec 2019 17:41

Tgt Ion: 95 Resp: 17447
 Ion Ratio Lower Upper
 95 100
 174 78.9 0.0 158.0
 176 74.3 0.0 155.4

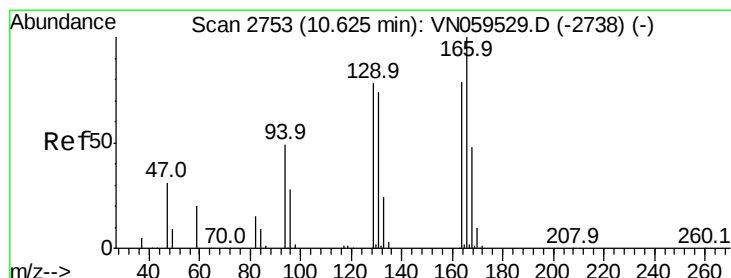
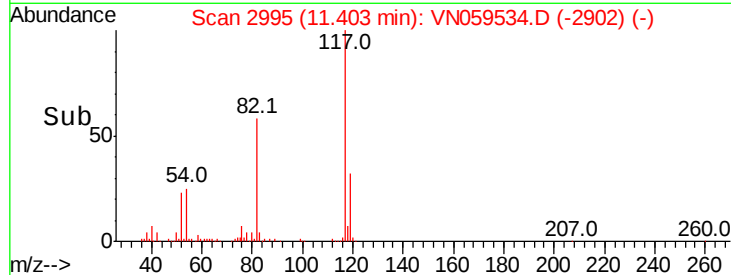
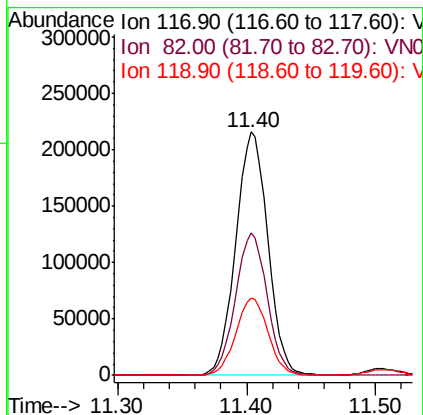
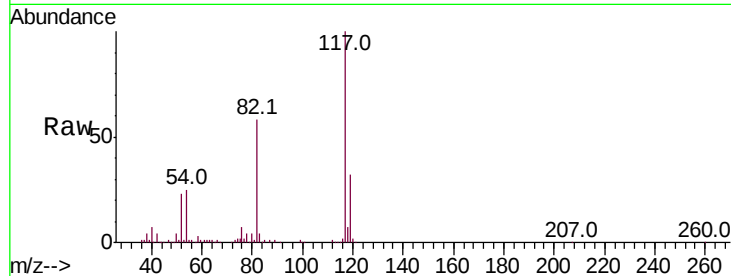




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059534.D
Acq: 9 Dec 2019 17:41

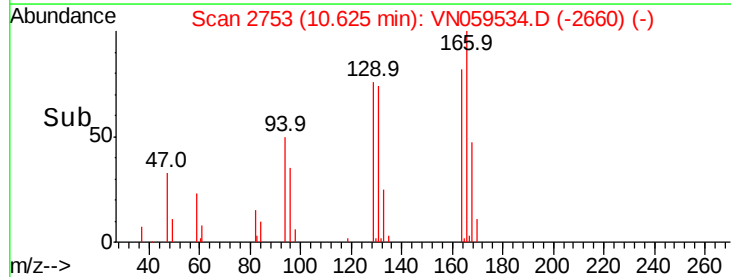
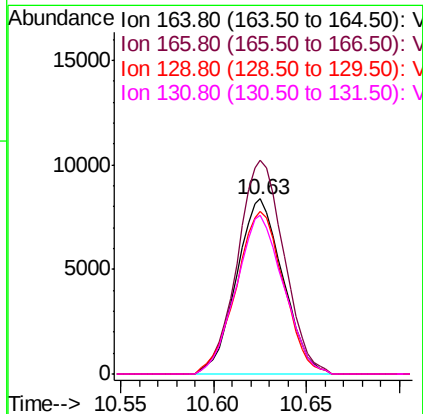
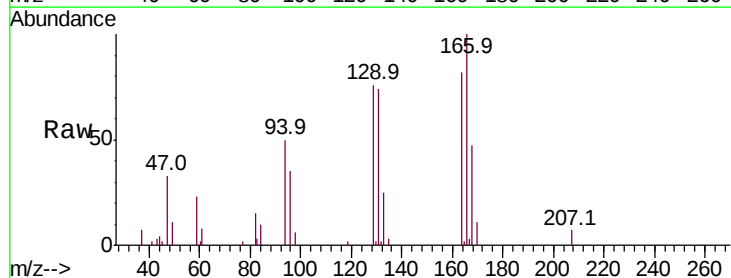
Instrument :
MSVOA_N
ClientSampleId :

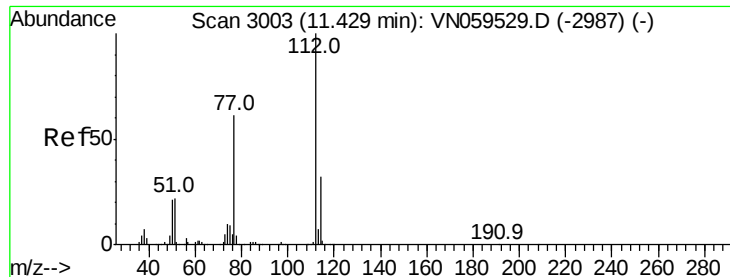
Tot Ion:117 Resp: 372497
Ion Ratio Lower Upper
117 100
82 58.4 46.5 69.7
119 31.8 25.2 37.8



#64
Tetrachloroethene
Concen: 4.829 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. -0.00 min
Lab File: VN059534.D
Acq: 9 Dec 2019 17:41

Tgt Ion:164 Resp: 14573
Ion Ratio Lower Upper
164 100
166 121.9 101.6 152.4
129 92.9 79.0 118.6
131 90.5 74.7 112.1

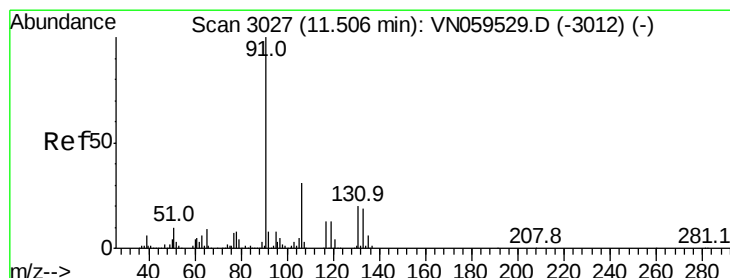
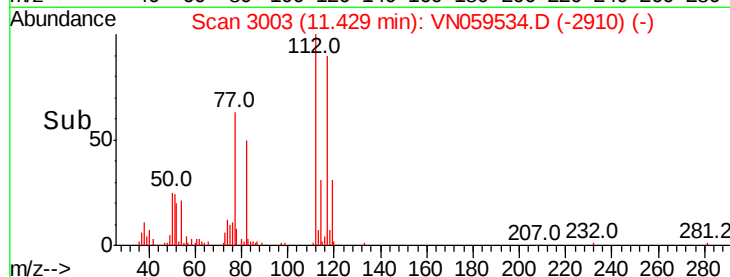
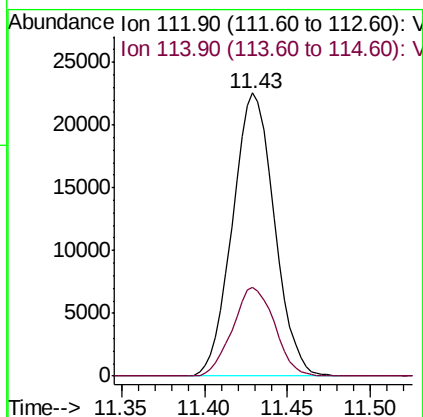
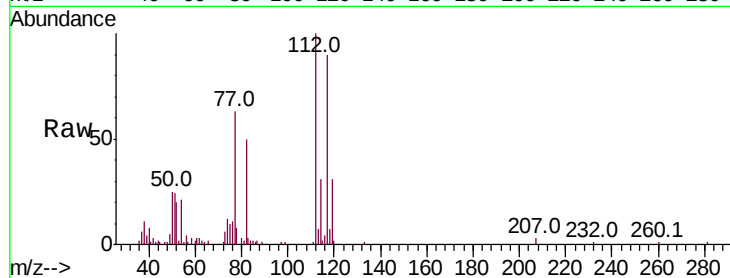




#65
Chlorobenzene
Concen: 4.990 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN059534.D
Acq: 9 Dec 2019 17:41

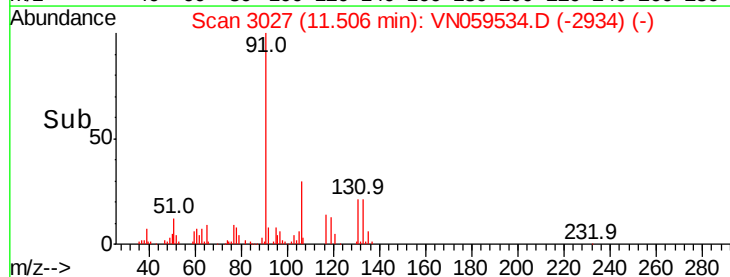
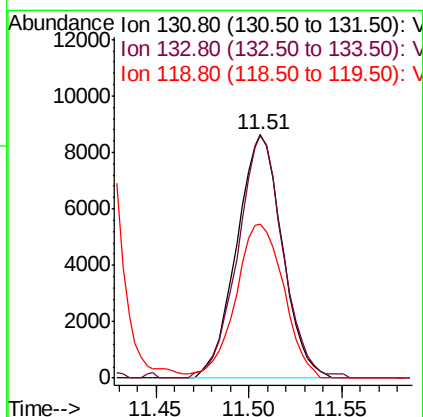
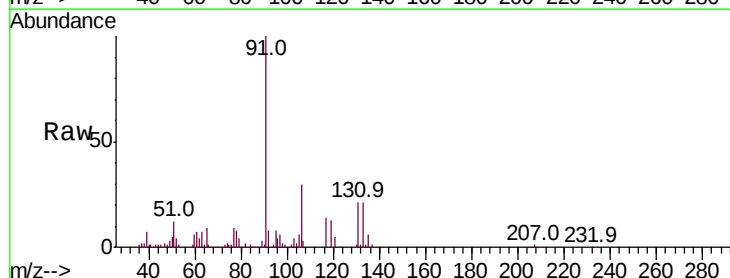
Instrument :
MSVOA_N
ClientSampleId :

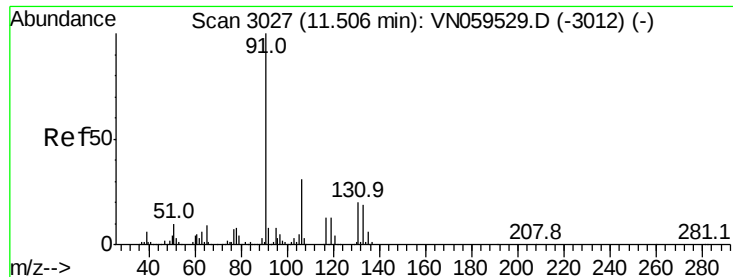
Tot Ion:112 Resp: 39563
Ion Ratio Lower Upper
112 100
114 31.4 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 5.165 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN059534.D
Acq: 9 Dec 2019 17:41

Tgt Ion:131 Resp: 14769
Ion Ratio Lower Upper
131 100
133 98.6 47.8 143.3
119 66.7 33.4 100.2





#67

Ethyl Benzene

Concen: 5.112 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059534.D

Acq: 9 Dec 2019 17:41

Instrument :

MSVOA_N

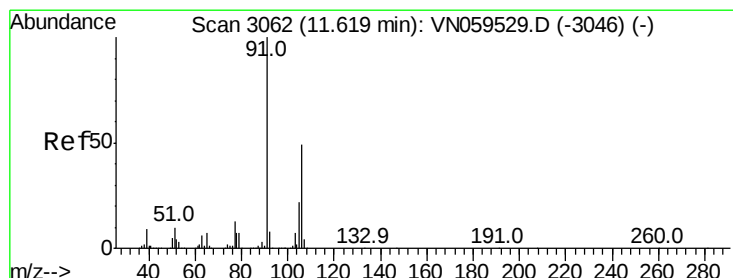
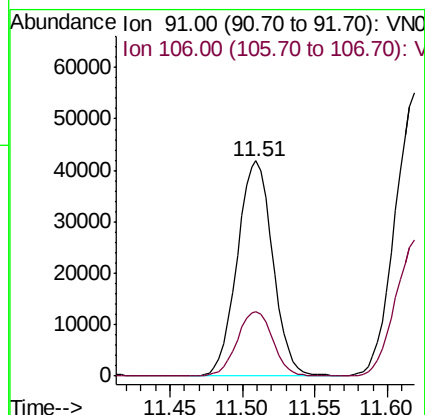
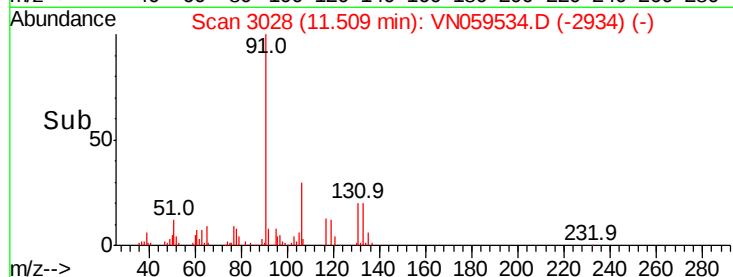
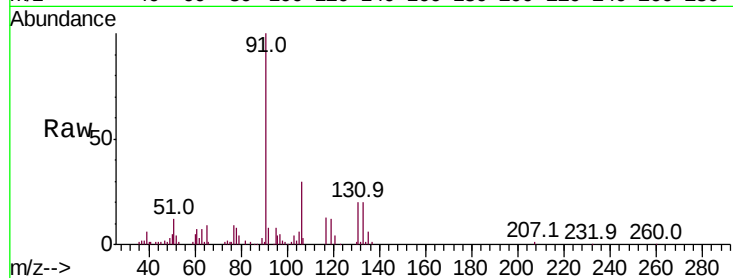
ClientSampled :

Tot Ion: 91 Resp: 71172

Ion Ratio Lower Upper

91 100

106 30.1 24.5 36.7



#68

m/p-Xylenes

Concen: 9.666 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN059534.D

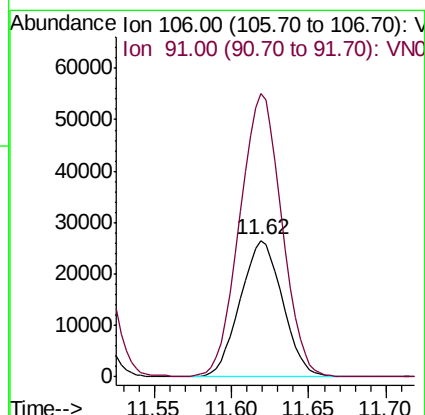
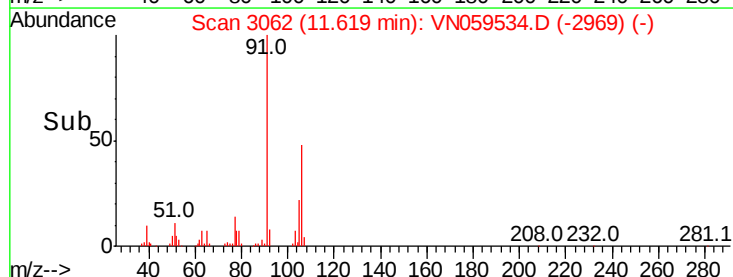
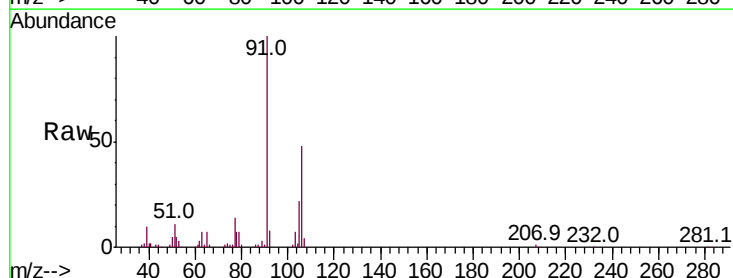
Acq: 9 Dec 2019 17:41

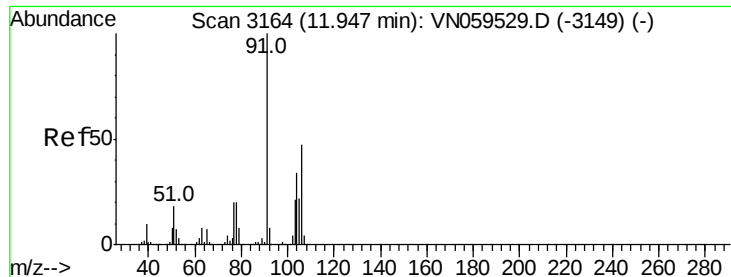
Tgt Ion: 106 Resp: 50520

Ion Ratio Lower Upper

106 100

91 206.4 162.9 244.3





#69

o-Xylene

Concen: 4.701 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. -0.00 min

Lab File: VN059534.D

Acq: 9 Dec 2019 17:41

Instrument :

MSVOA_N

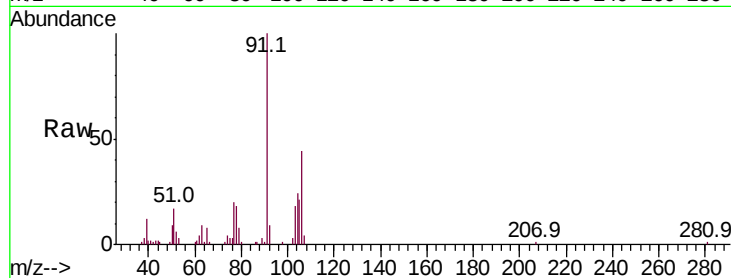
ClientSampleId :

Tot Ion:106 Resp: 23399

Ion Ratio Lower Upper

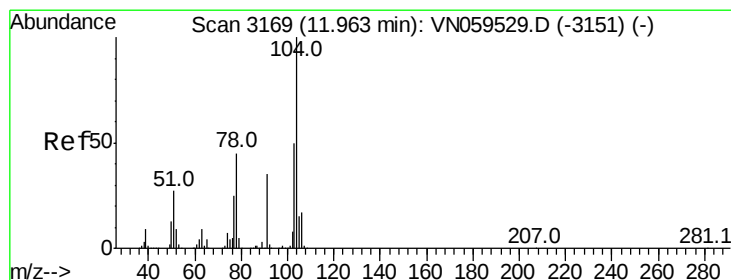
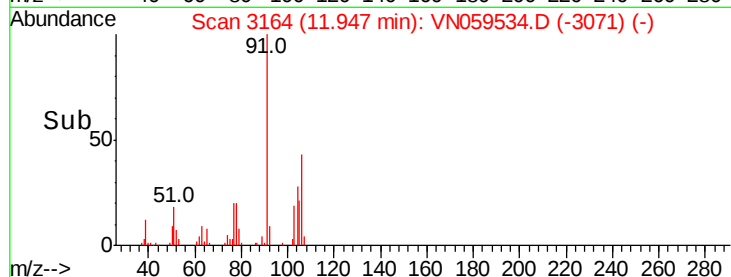
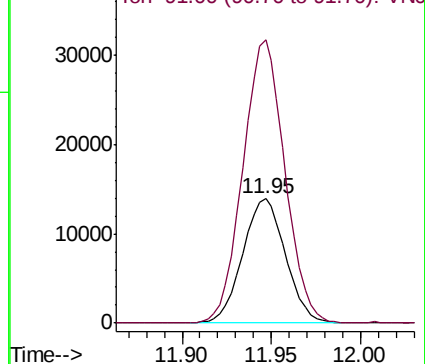
106 100

91 222.6 106.7 319.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#70

Styrene

Concen: 4.447 ug/l

RT: 11.96 min Scan# 3169

Delta R.T. -0.00 min

Lab File: VN059534.D

Acq: 9 Dec 2019 17:41

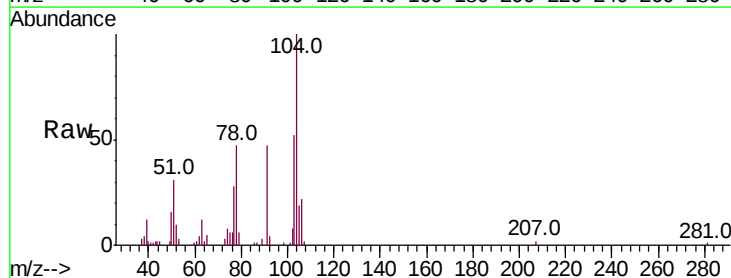
Tgt Ion:104 Resp: 35454

Ion Ratio Lower Upper

104 100

78 54.8 40.6 60.8

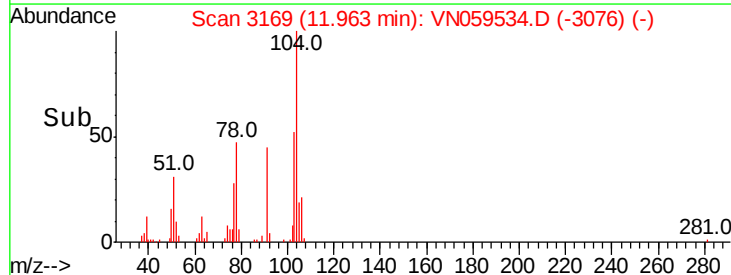
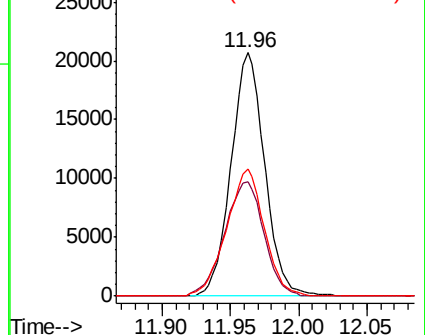
103 58.3 43.9 65.9

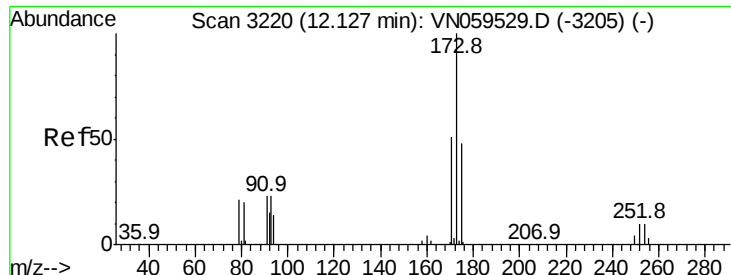


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 4.641 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN059534.D

Acq: 9 Dec 2019 17:41

Instrument :

MSVOA_N

ClientSampleId :

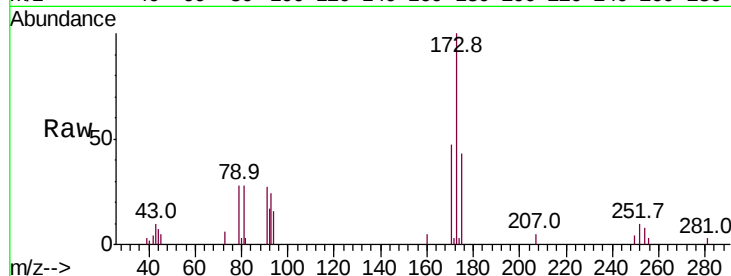
Tot Ion:173 Resp: 10484

Ion Ratio Lower Upper

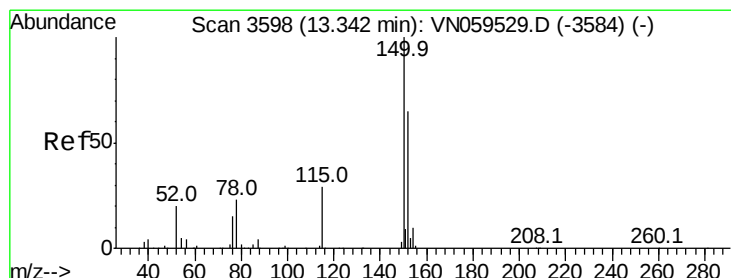
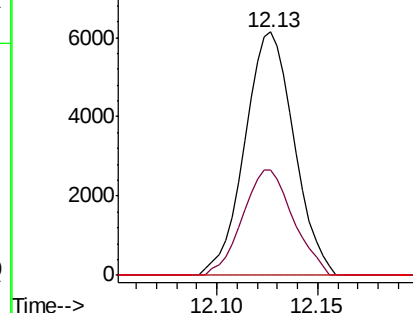
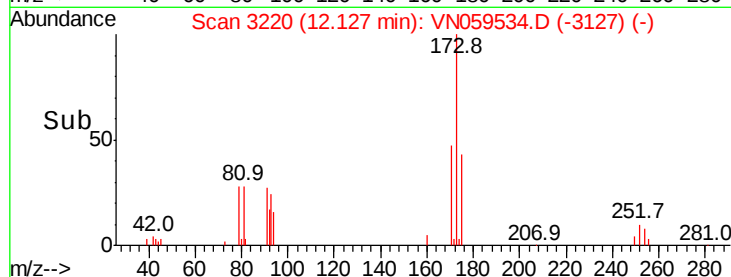
173 100

175 44.4 24.1 72.4

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN059534.D

Acq: 9 Dec 2019 17:41

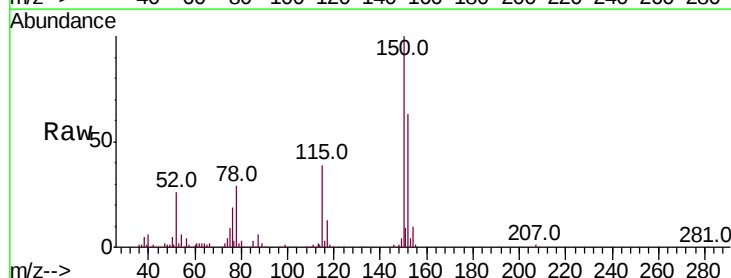
Tgt Ion:152 Resp: 165663

Ion Ratio Lower Upper

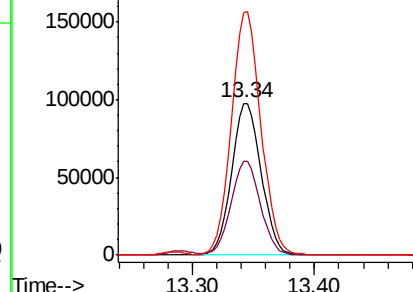
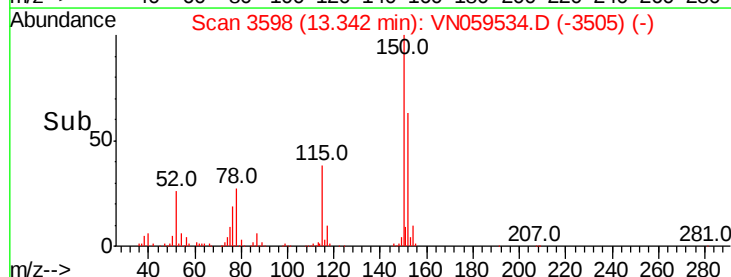
152 100

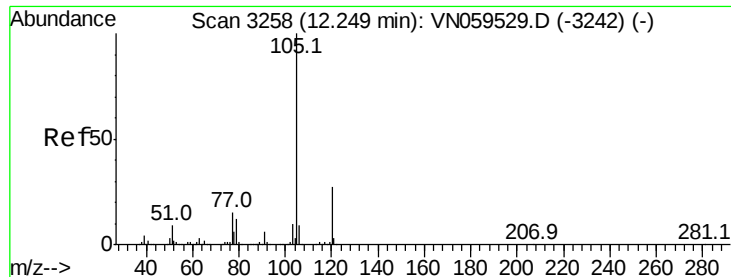
115 60.9 29.4 88.2

150 159.3 0.0 342.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.026 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059534.D

Acq: 9 Dec 2019 17:41

Instrument :

MSVOA_N

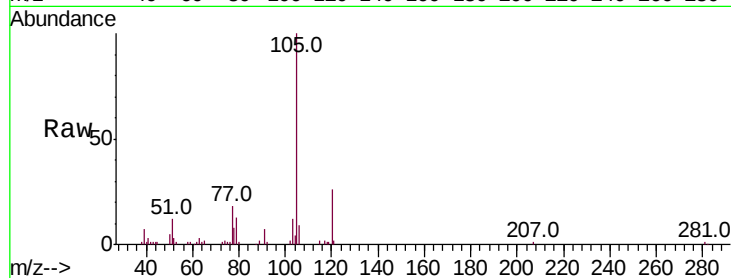
ClientSampleId :

Tot Ion:105 Resp: 63462

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

40000

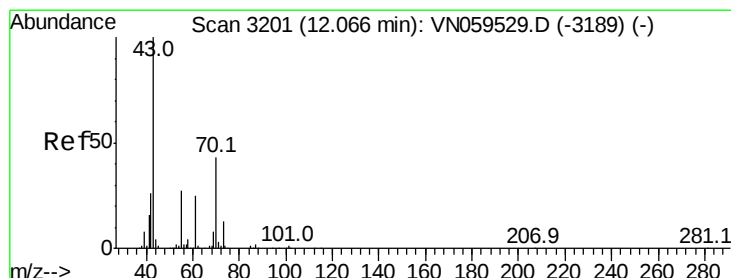
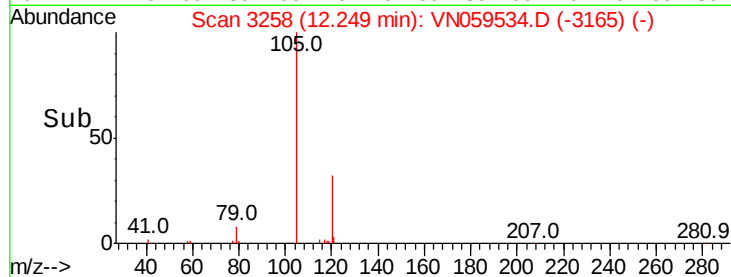
30000

20000

10000

0

Time--> 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 4.954 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN059534.D

Acq: 9 Dec 2019 17:41

Tgt Ion: 43 Resp: 25542

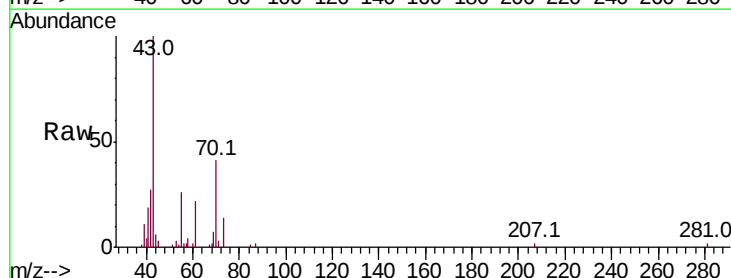
Ion Ratio Lower Upper

43 100

70 40.6 34.2 51.4

55 28.6 21.3 31.9

61 22.0 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

25000

20000

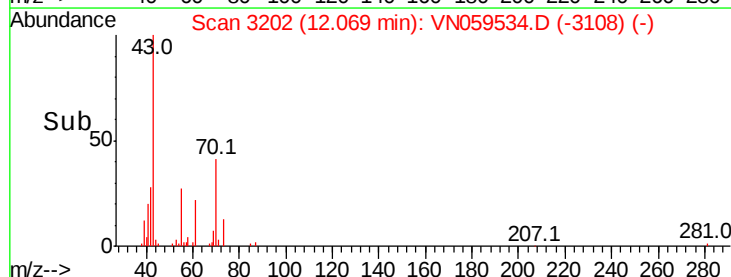
15000

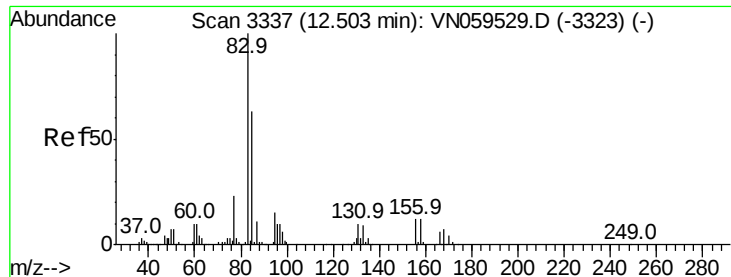
10000

5000

0

Time--> 12.00 12.05 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 5.400 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN059534.D

Acq: 9 Dec 2019 17:41

Instrument :

MSVOA_N

ClientSampleId :

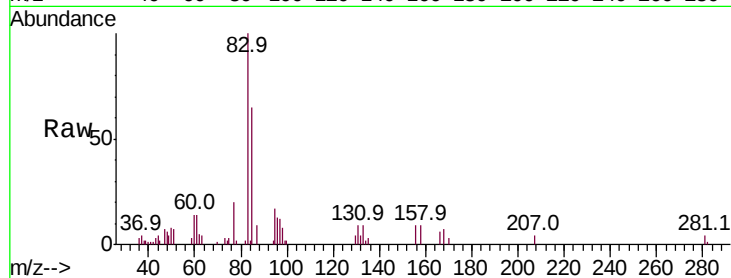
Tot Ion: 83 Resp: 22134

Ion Ratio Lower Upper

83 100

131 9.3 5.0 14.9

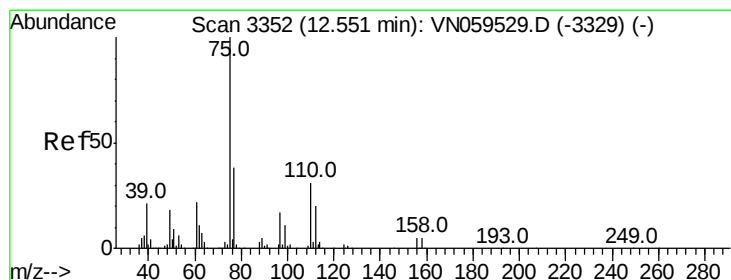
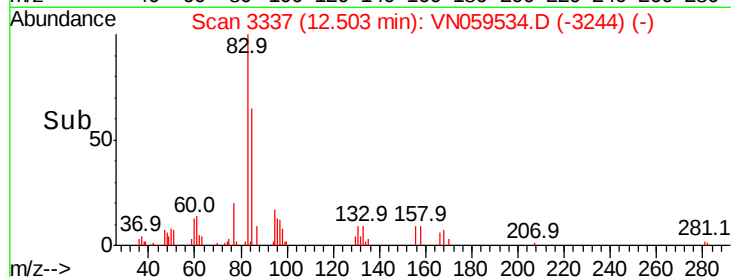
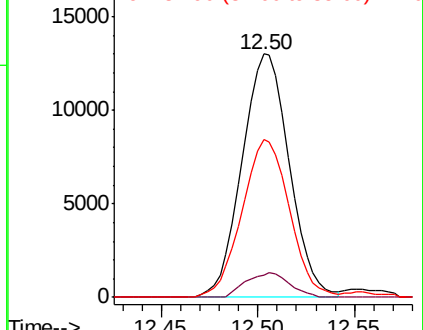
85 65.2 31.6 95.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 8.197 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN059534.D

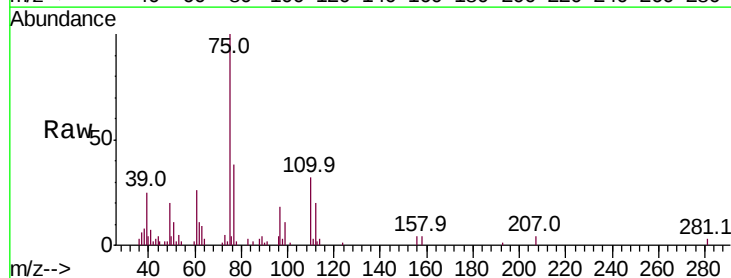
Acq: 9 Dec 2019 17:41

Tgt Ion: 75 Resp: 33177

Ion Ratio Lower Upper

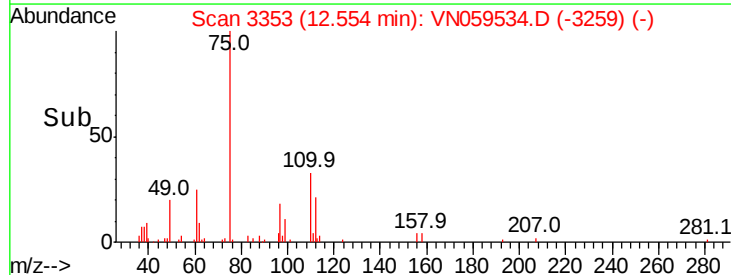
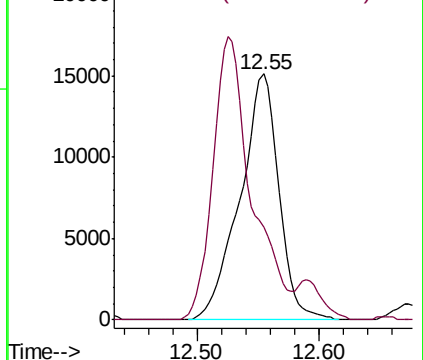
75 100

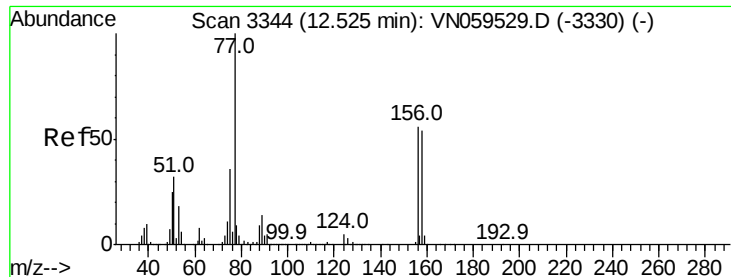
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 4.988 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059534.D

Acq: 9 Dec 2019 17:41

Instrument :

MSVOA_N

ClientSampled :

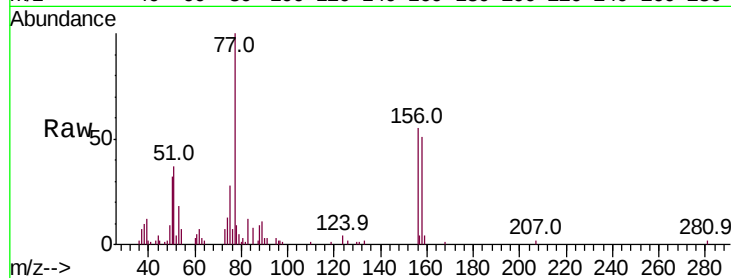
Tot Ion:156 Resp: 15948

Ion Ratio Lower Upper

156 100

77 240.7 109.3 327.8

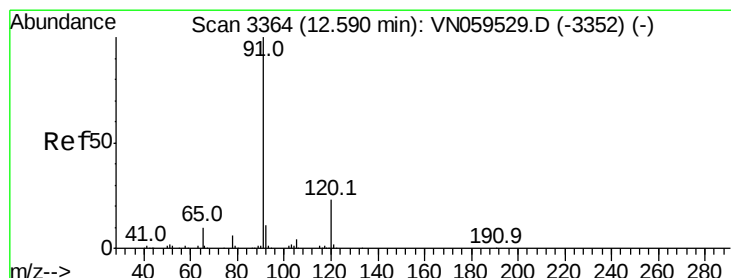
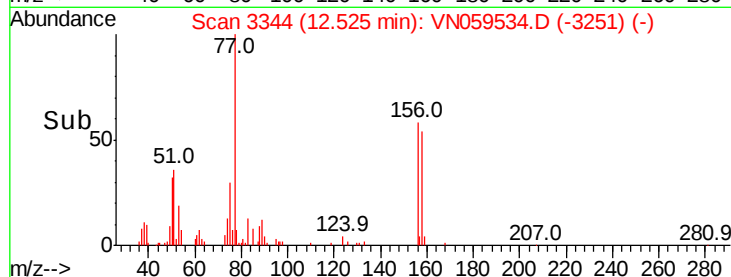
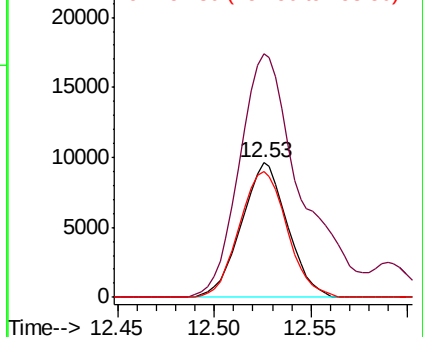
158 97.1 48.6 145.8



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: 5.910 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN059534.D

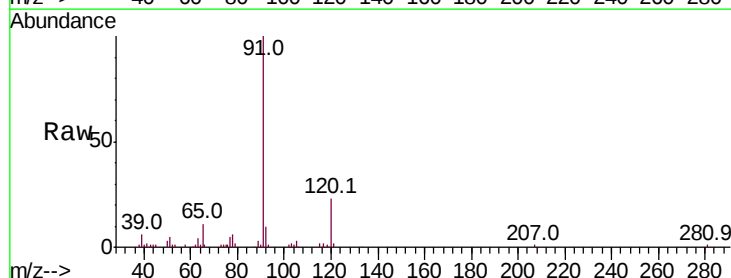
Acq: 9 Dec 2019 17:41

Tgt Ion: 91 Resp: 87730

Ion Ratio Lower Upper

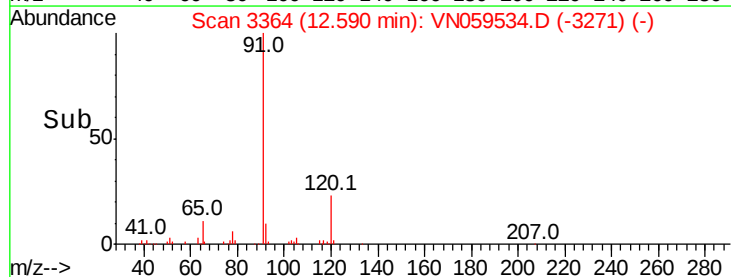
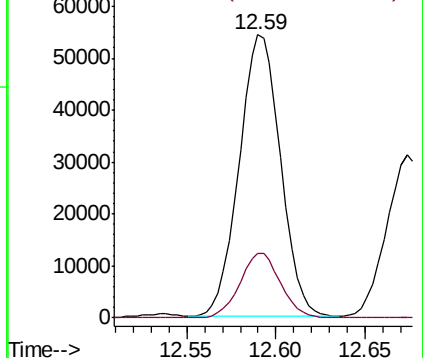
91 100

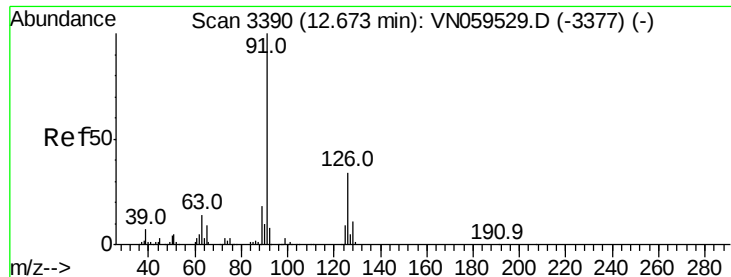
120 22.6 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.897 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN059534.D

Acq: 9 Dec 2019 17:41

Instrument :

MSVOA_N

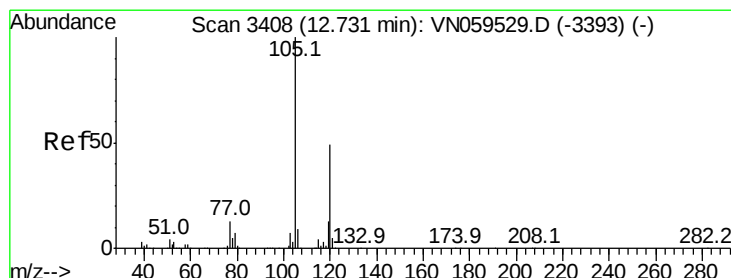
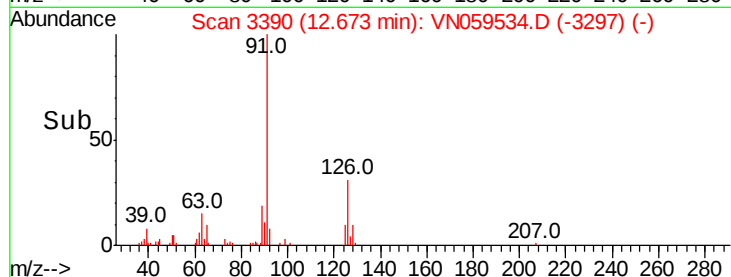
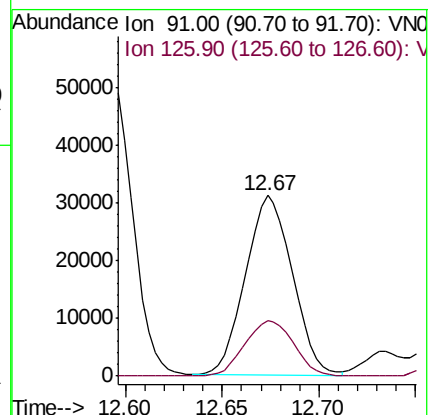
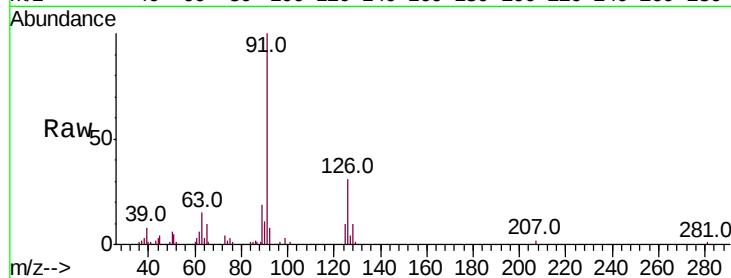
ClientSampled :

Tot Ion: 91 Resp: 52846

Ion Ratio Lower Upper

91 100

126 32.0 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 4.879 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059534.D

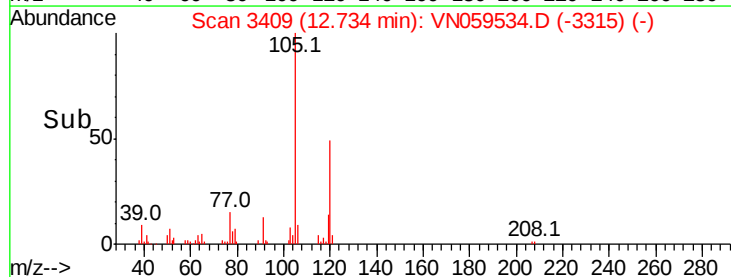
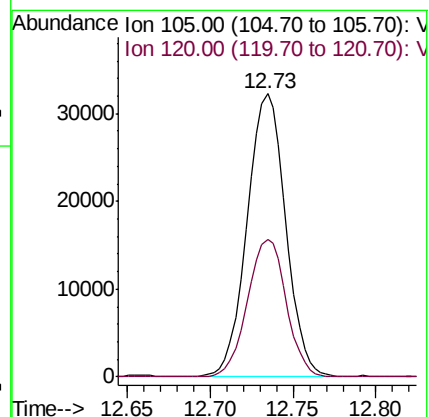
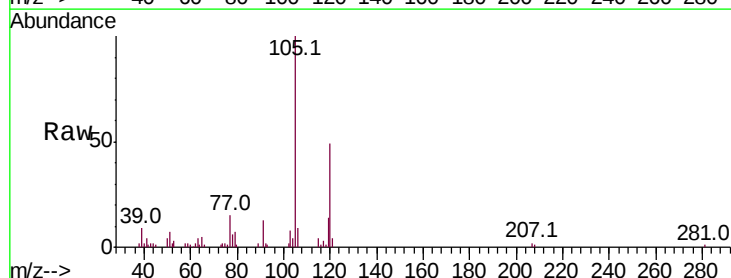
Acq: 9 Dec 2019 17:41

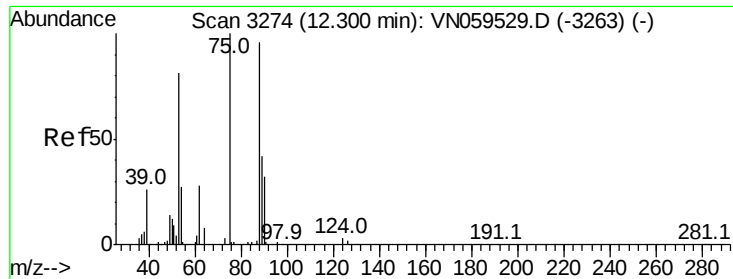
Tgt Ion: 105 Resp: 52147

Ion Ratio Lower Upper

105 100

120 48.7 24.5 73.5

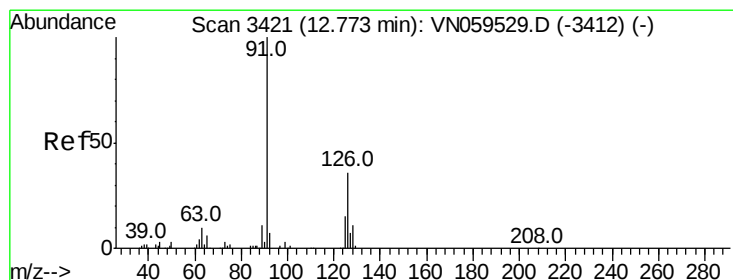
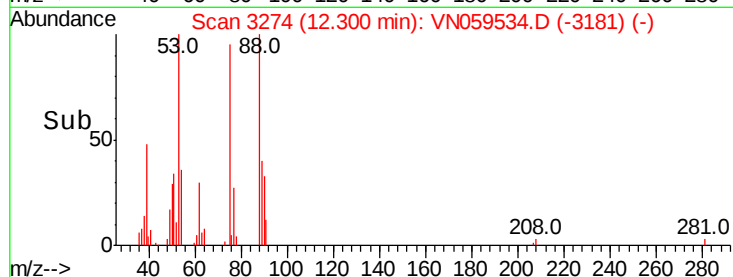
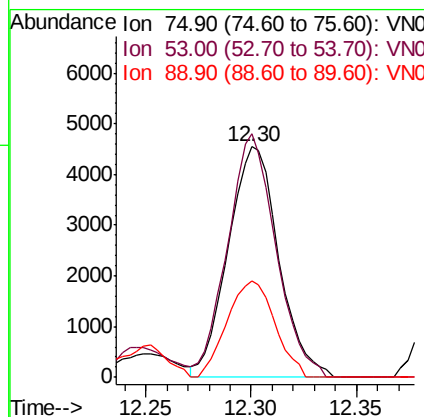
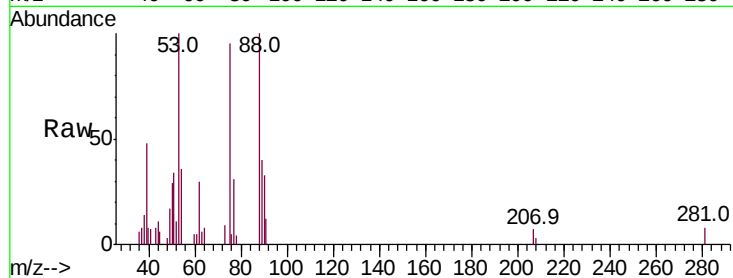




#81
trans-1,4-Dichloro-2-butene
Concen: 5.082 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN059534.D
Acq: 9 Dec 2019 17:41

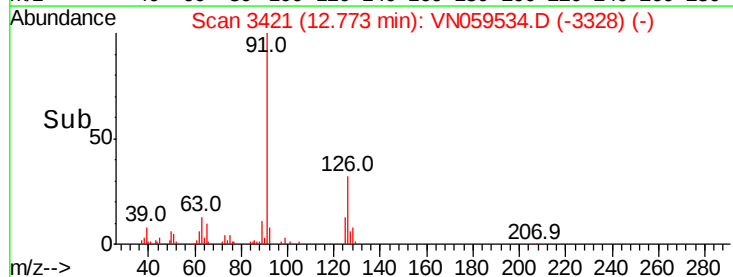
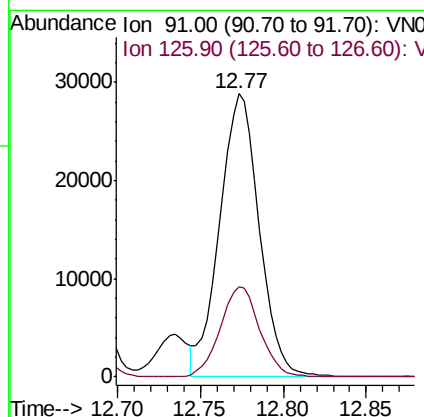
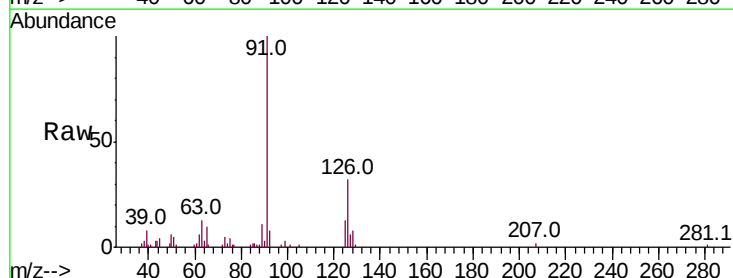
Instrument :
MSVOA_N
ClientSampleId :

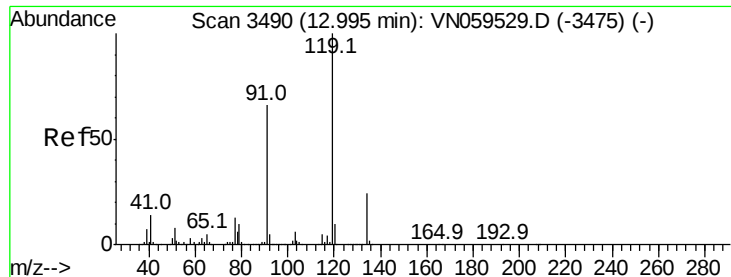
Tot Ion: 75 Resp: 7579
Ion Ratio Lower Upper
75 100
53 100.6 67.0 100.6#
89 39.5 35.5 53.3



#82
4-Chlorotoluene
Concen: 5.165 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN059534.D
Acq: 9 Dec 2019 17:41

Tgt Ion: 91 Resp: 47944
Ion Ratio Lower Upper
91 100
126 31.6 16.4 49.4





#83

tert-Butylbenzene

Concen: 4.889 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN059534.D

Acq: 9 Dec 2019 17:41

Instrument :

MSVOA_N

ClientSampleId :

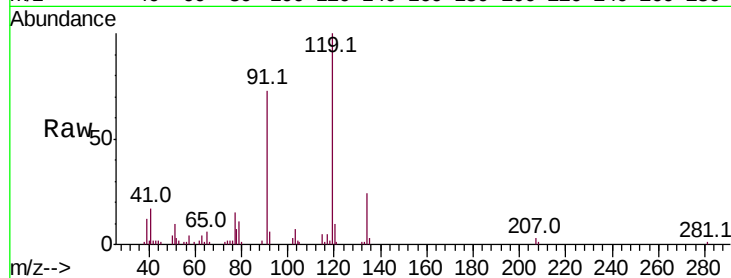
Tot Ion:119 Resp: 45313

Ion Ratio Lower Upper

119 100

91 68.1 32.8 98.4

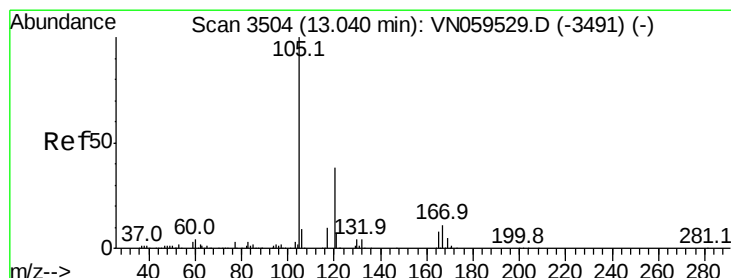
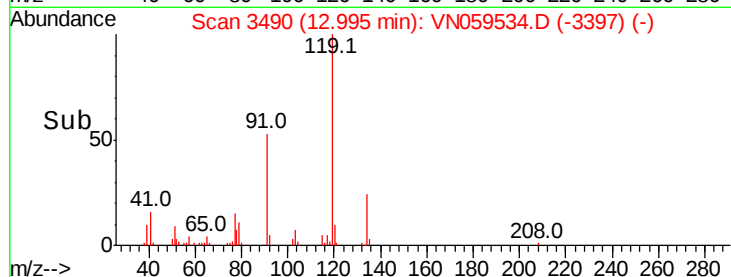
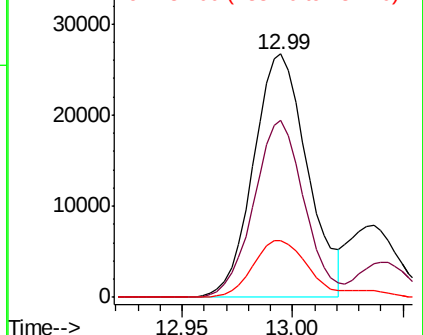
134 23.7 12.8 38.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 5.019 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN059534.D

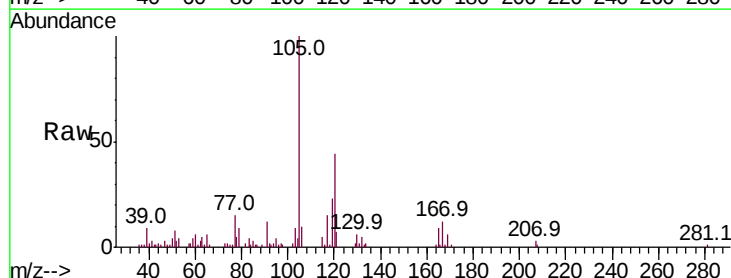
Acq: 9 Dec 2019 17:41

Tgt Ion:105 Resp: 52553

Ion Ratio Lower Upper

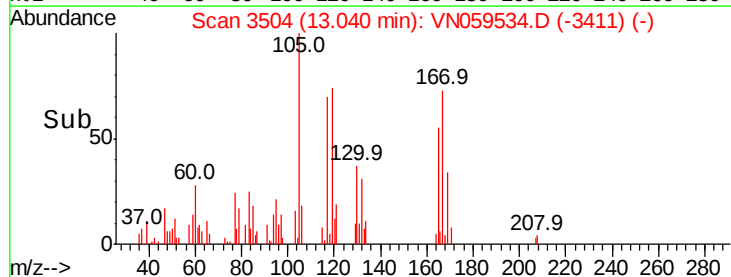
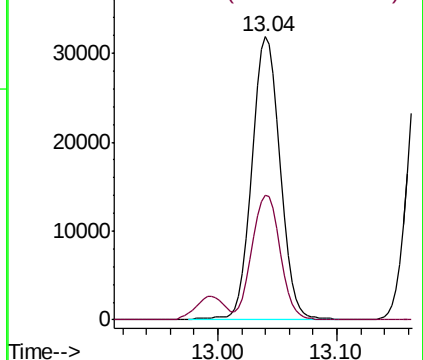
105 100

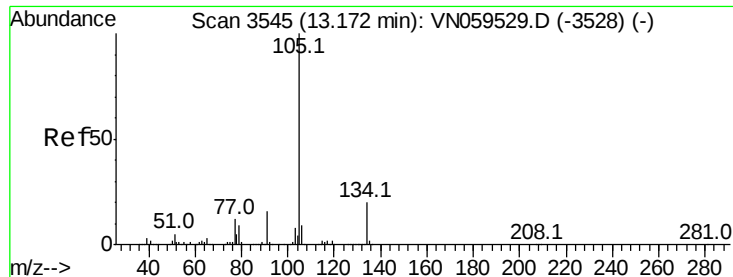
120 44.0 22.8 68.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 4.986 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN059534.D

Acq: 9 Dec 2019 17:41

Instrument :

MSVOA_N

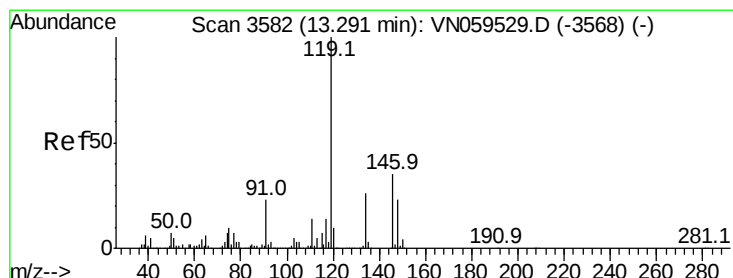
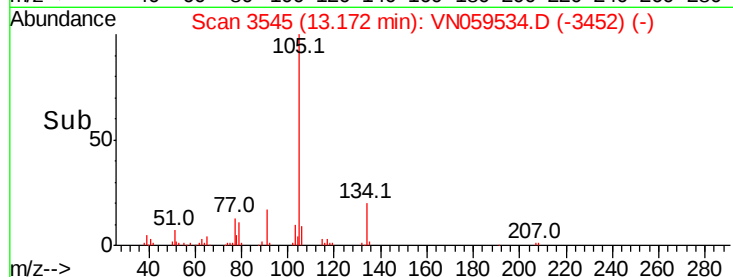
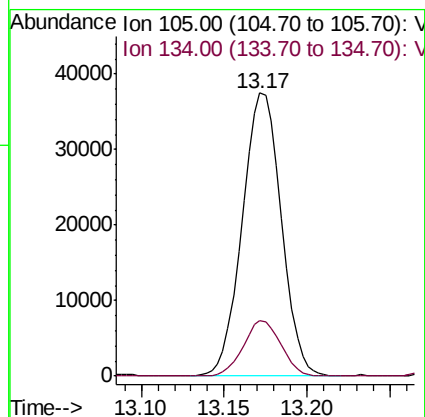
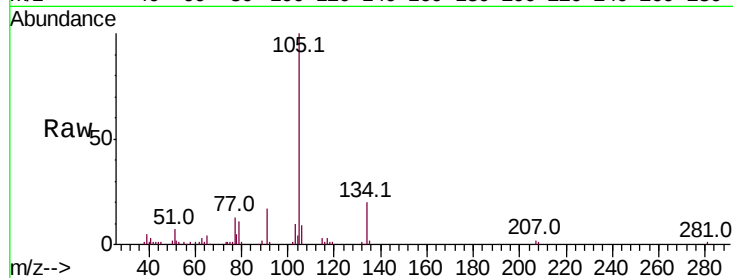
ClientSampleId :

Tot Ion:105 Resp: 61416

Ion Ratio Lower Upper

105 100

134 18.7 9.8 29.5



#86

p-Isopropyltoluene

Concen: 4.870 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059534.D

Acq: 9 Dec 2019 17:41

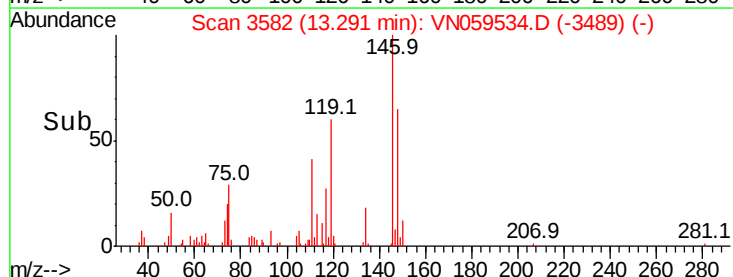
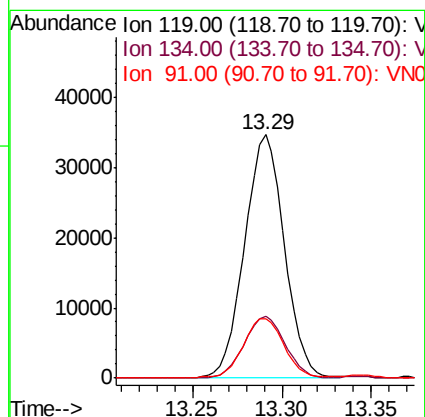
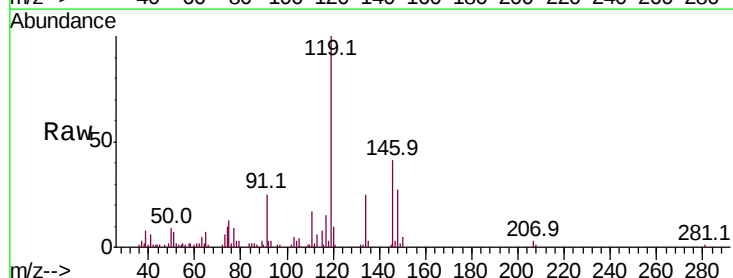
Tgt Ion:119 Resp: 53941

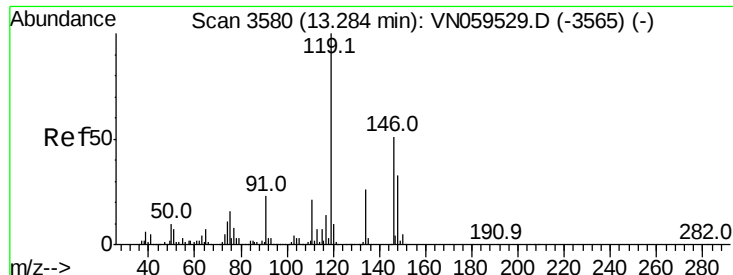
Ion Ratio Lower Upper

119 100

134 26.0 13.0 39.0

91 25.4 11.7 35.1

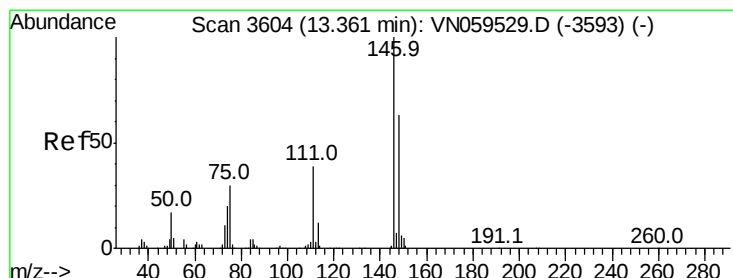
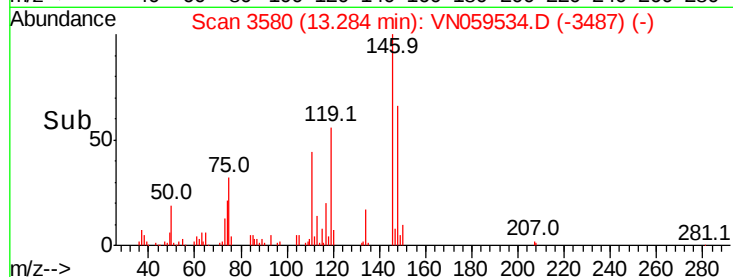
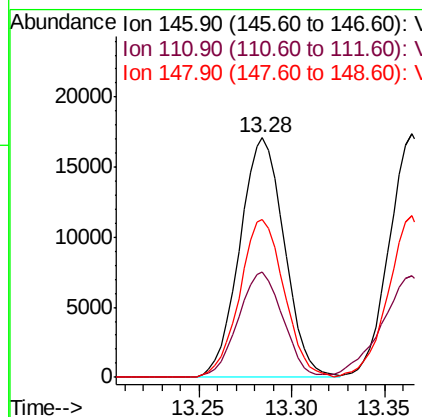
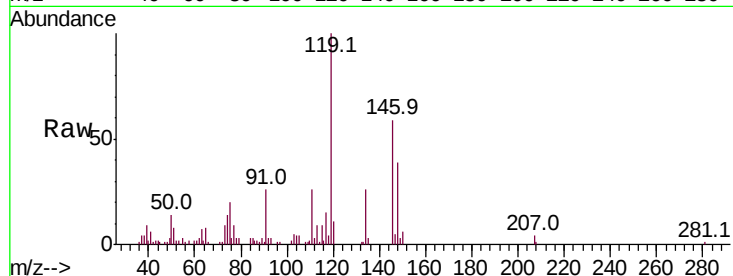




#87
 1,3-Dichlorobenzene
 Concen: 5.025 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN059534.D
 Acq: 9 Dec 2019 17:41

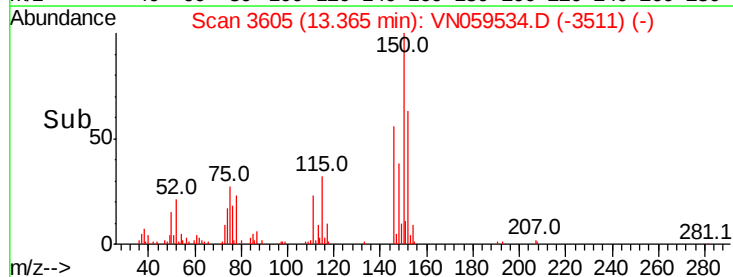
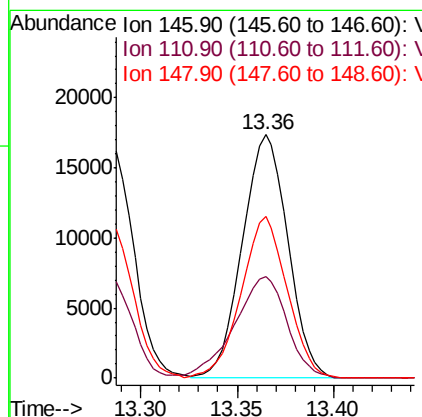
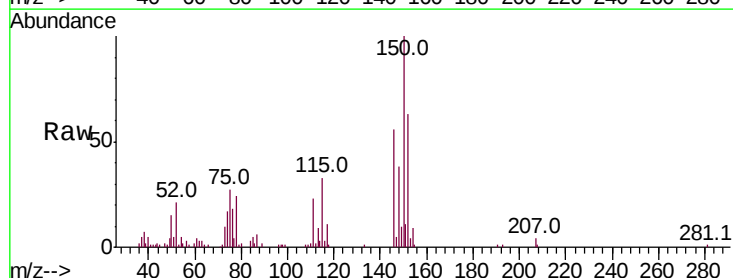
Instrument :
 MSVOA_N
 ClientSampled :

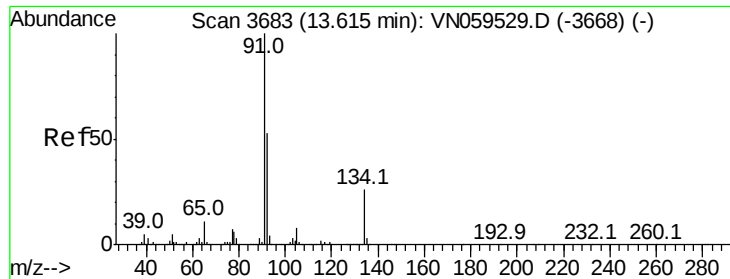
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.9	20.6	61.8
148	65.3	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 4.948 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN059534.D
 Acq: 9 Dec 2019 17:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	48.4	20.0	59.9
148	67.0	31.9	95.7





#89

n-Butylbenzene

Concen: 5.229 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN059534.D

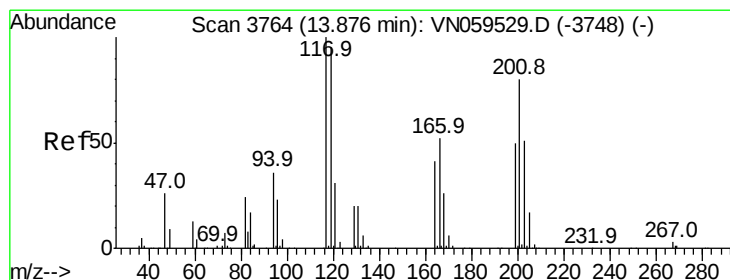
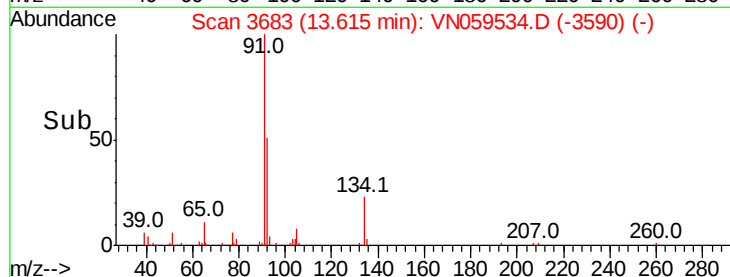
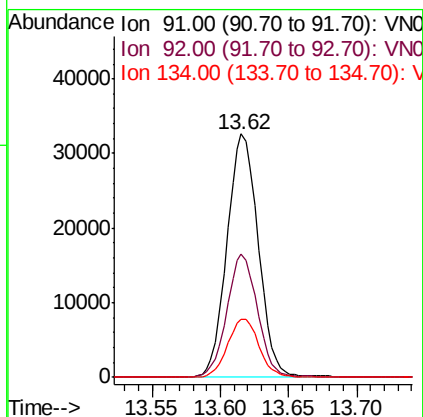
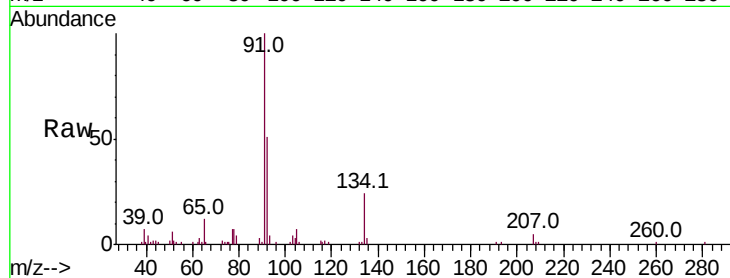
Acq: 9 Dec 2019 17:41

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:	91	Resp:	52035
Ion	Ratio	Lower	Upper
91	100		
92	49.4	26.3	78.9
134	23.8	12.8	38.4



#90

Hexachloroethane

Concen: 4.938 ug/l

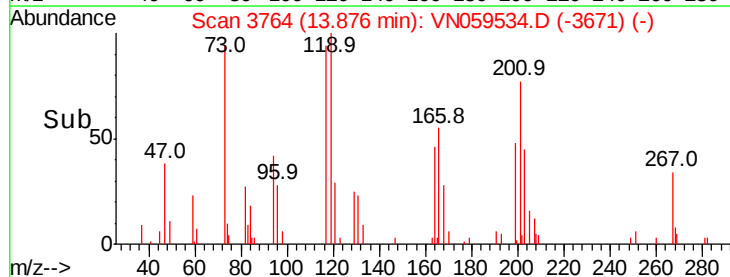
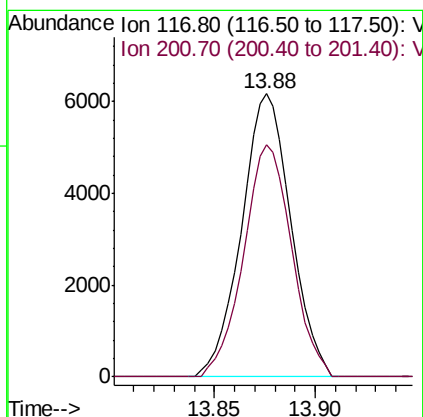
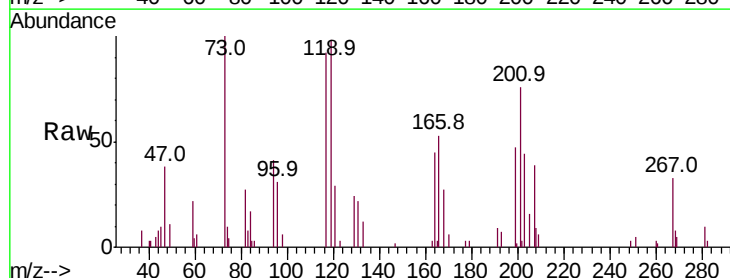
RT: 13.88 min Scan# 3764

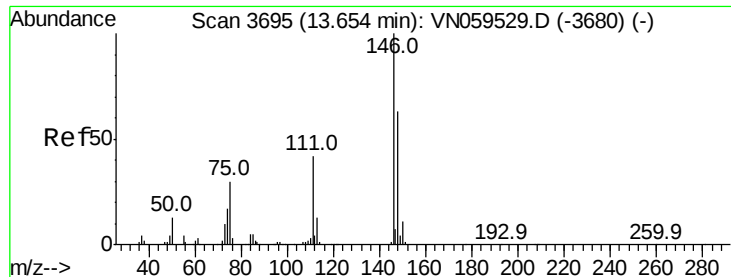
Delta R.T. -0.00 min

Lab File: VN059534.D

Acq: 9 Dec 2019 17:41

Tgt Ion:	117	Resp:	10538
Ion	Ratio	Lower	Upper
117	100		
201	80.0	40.5	121.5

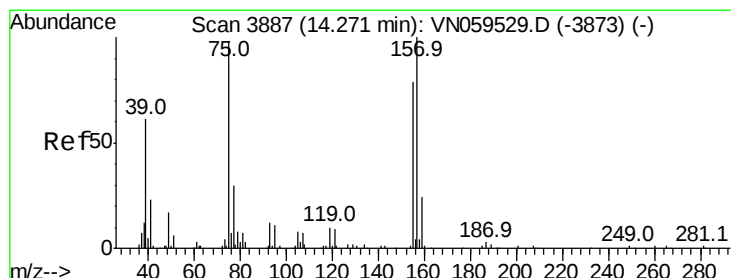
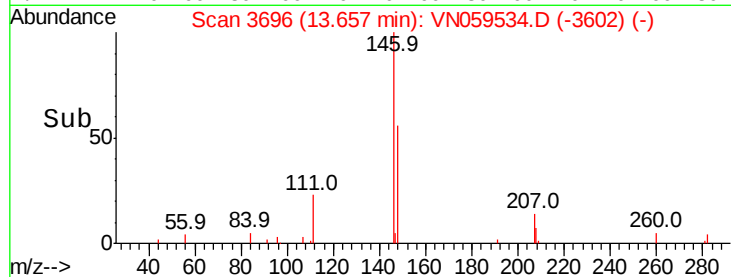
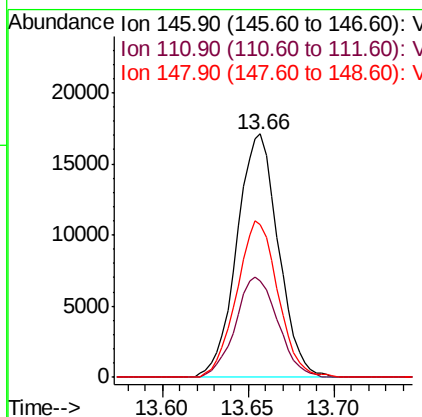
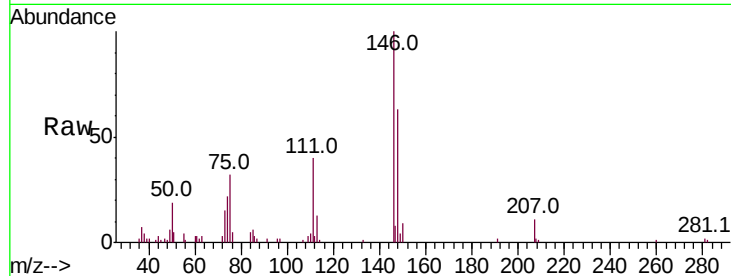




#91
 1,2-Dichlorobenzene
 Concen: 5.283 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN059534.D
 Acq: 9 Dec 2019 17:41

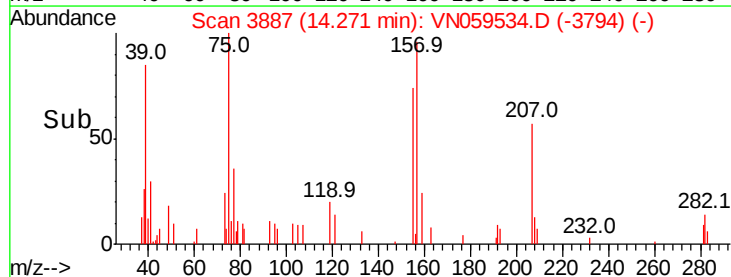
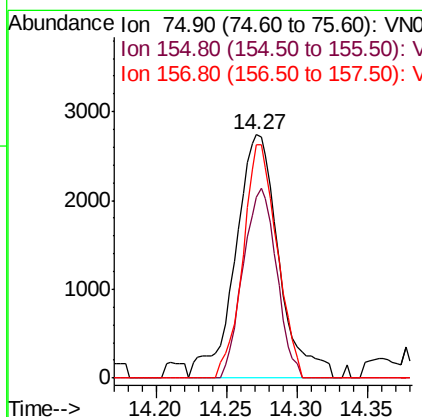
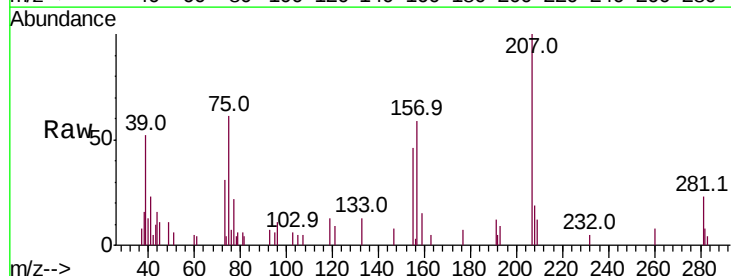
Instrument :
 MSVOA_N
 ClientSampled :

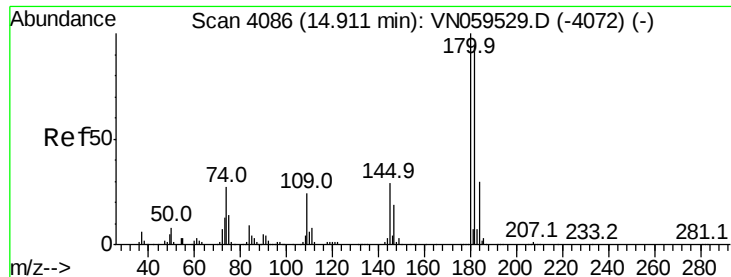
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.9	62.7
148	63.8	31.6	94.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.977 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. -0.00 min
 Lab File: VN059534.D
 Acq: 9 Dec 2019 17:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	60.3	40.4	121.1
157	75.0	51.1	153.3

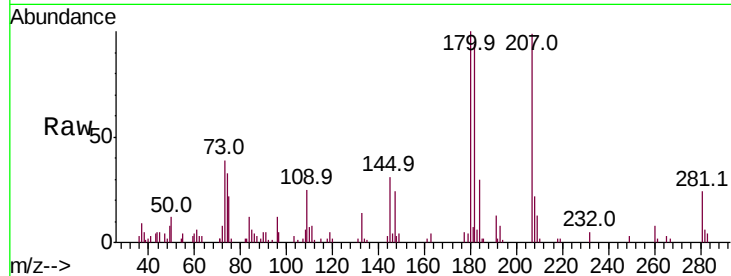




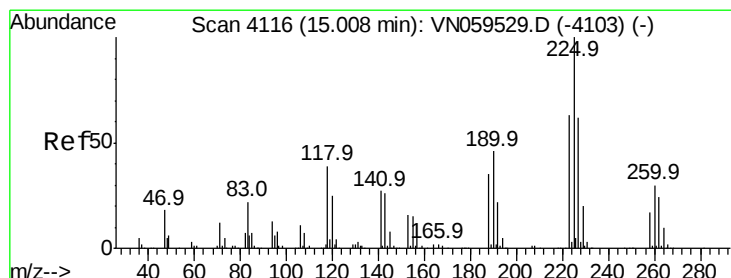
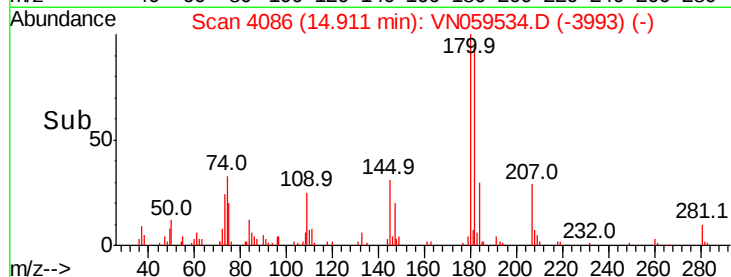
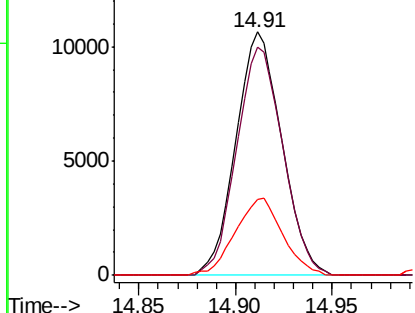
#93
 1,2,4-Trichlorobenzene
 Concen: 5.122 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN059534.D
 Acq: 9 Dec 2019 17:41

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.3	142.0
145	32.8	14.9	44.7

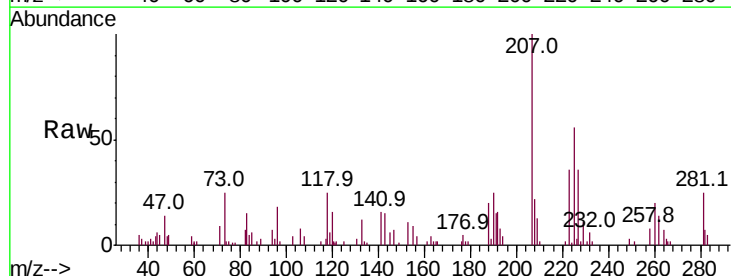


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

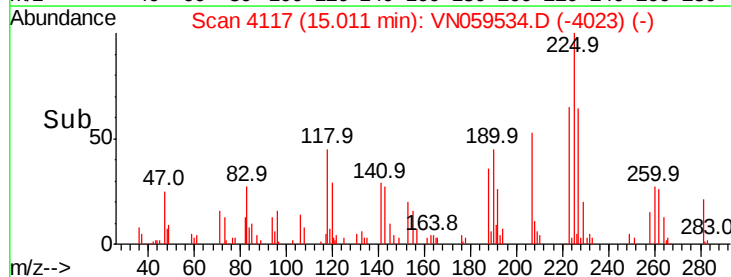
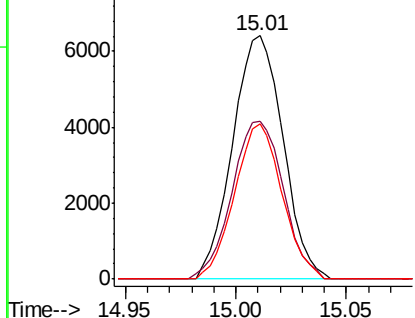


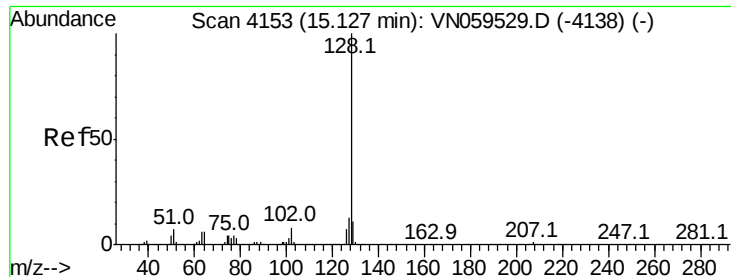
#94
 Hexachlorobutadiene
 Concen: 4.789 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN059534.D
 Acq: 9 Dec 2019 17:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.2	31.3	93.9
227	60.2	31.6	95.0



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

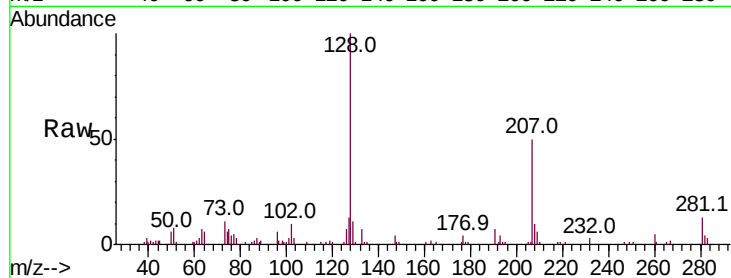




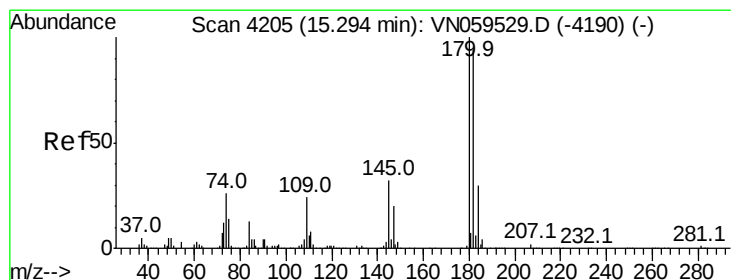
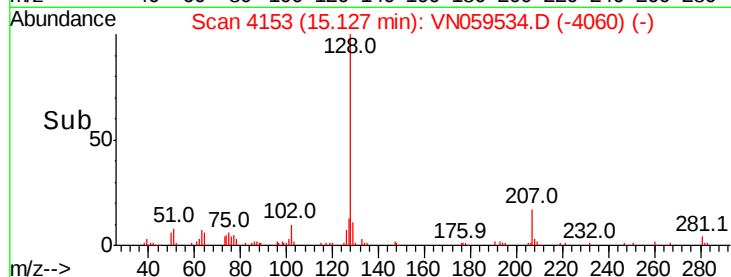
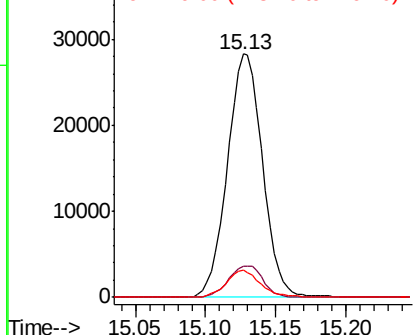
#95
Naphthalene
Concen: 4.908 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN059534.D
Acq: 9 Dec 2019 17:41

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.4
129	10.7	8.6	13.0

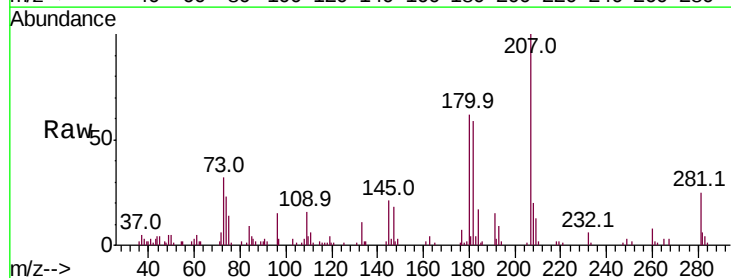


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 4.977 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN059534.D
Acq: 9 Dec 2019 17:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.7	47.1	141.4
145	34.2	15.8	47.4



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

