

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032521\
 Data File : VX021521.D
 Acq On : 26 Mar 2021 05:36
 Operator : JC/MD
 Sample : M1829-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 26 06:37:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

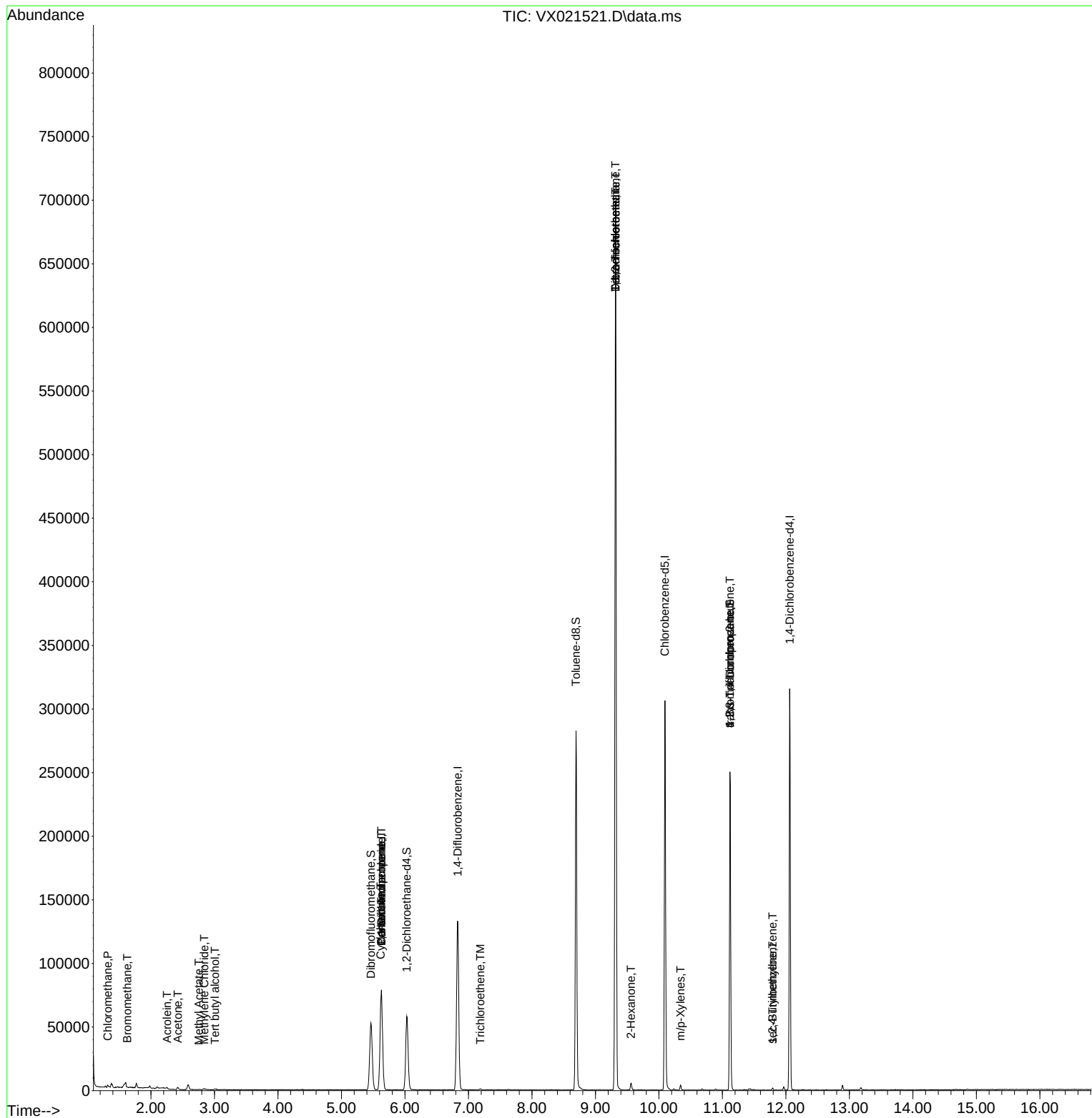
Internal Standards						
1) Pentafluorobenzene	5.629	168	65814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	124482	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	125337	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	58748	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	57319	52.34	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.68%
35) Dibromofluoromethane	5.464	113	43509	49.21	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.42%
50) Toluene-d8	8.694	98	157286	49.92	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.84%
62) 4-Bromofluorobenzene	11.118	95	65275	53.28	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.56%
Target Compounds						
					Qvalue	
3) Chloromethane	1.317	50	2475	3.02	ug/l	98
5) Bromomethane	1.628	94	89	0.30	ug/l #	50
11) Tert butyl alcohol	3.005	59	680	3.76	ug/l #	73
13) Acrolein	2.252	56	93	5.30	ug/l #	1
16) Acetone	2.423	43	1930	4.66	ug/l #	87
18) Methyl Acetate	2.752	43	260	0.22	ug/l #	47
20) Methylene Chloride	2.840	84	215	0.27	ug/l #	75
31) Cyclohexane	5.617	56	1928	1.60	ug/l #	33
36) 1,1-Dichloropropene	5.629	75	6122	5.02	ug/l #	49
38) Carbon Tetrachloride	5.629	117	7577	5.78	ug/l #	16
44) Trichloroethene	7.188	130	298	0.33	ug/l	84
55) 1,1,2-Trichloroethane	9.318	97	1261	1.40	ug/l #	18
59) 2-Hexanone	9.559	43	797	0.75	ug/l #	28
60) Dibromochloromethane	9.318	129	115631	114.34	ug/l #	11
64) Tetrachloroethene	9.318	164	121280	144.45	ug/l	97
68) m/p-Xylenes	10.341	106	849	0.52	ug/l	89
76) 1,2,3-Trichloropropane	11.118	75	36780	26.89	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.118	75	36780	81.91	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.788	105	856	0.24	ug/l	95
85) sec-Butylbenzene	11.788	105	856	0.22	ug/l #	57

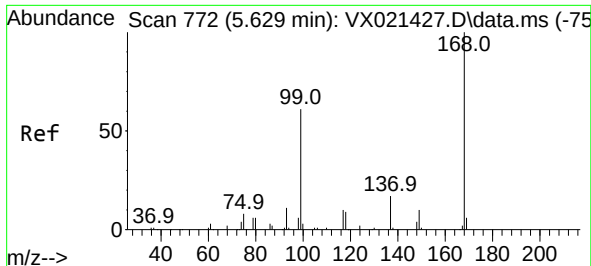
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 24 12:25:26 2021
Response via : Initial Calibration

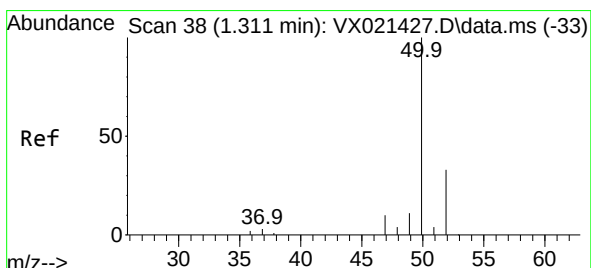
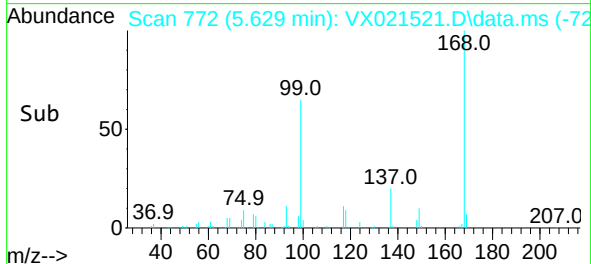
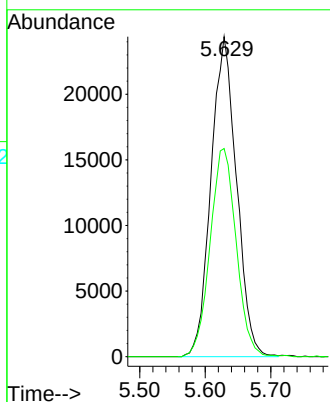
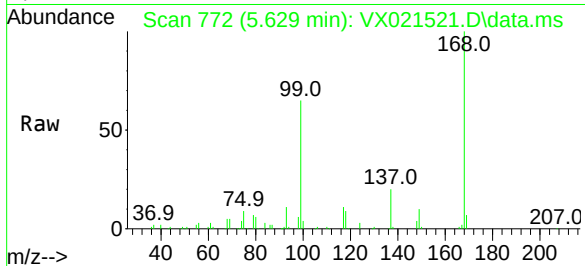




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021521.D
Acq: 26 Mar 2021 05:36

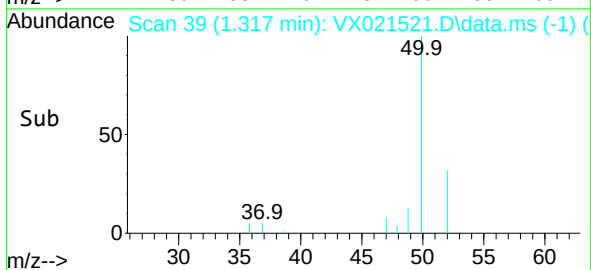
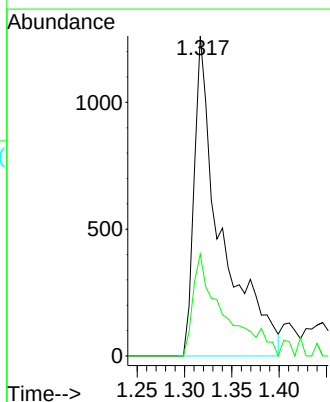
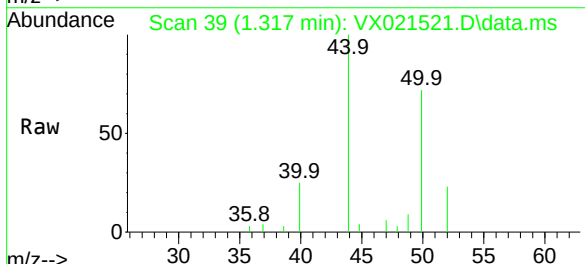
Instrument :
MSVOA_X
ClientSampleId :

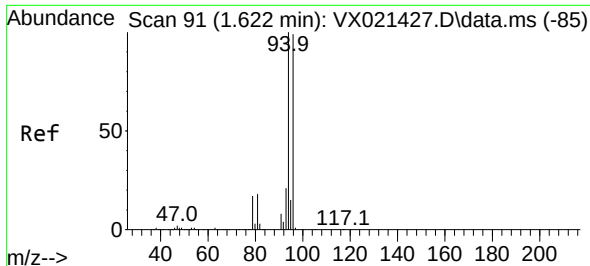
Tgt Ion:168 Resp: 65814
Ion Ratio Lower Upper
168 100
99 65.1 45.8 68.6



#3
Chloromethane
Concen: 3.02 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021521.D
Acq: 26 Mar 2021 05:36

Tgt Ion: 50 Resp: 2475
Ion Ratio Lower Upper
50 100
52 31.9 26.4 39.6

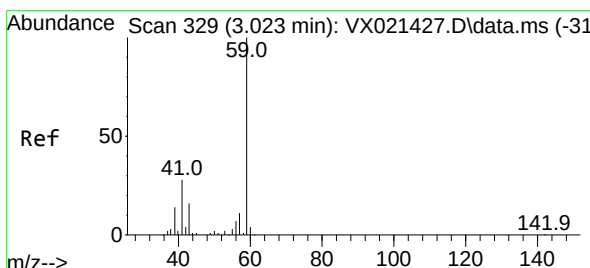
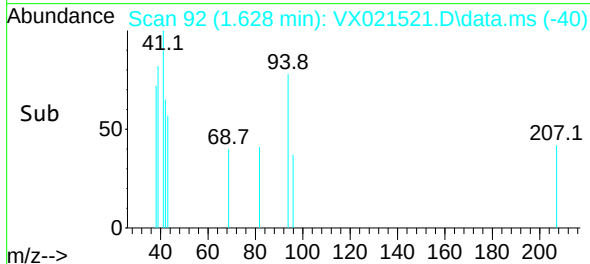
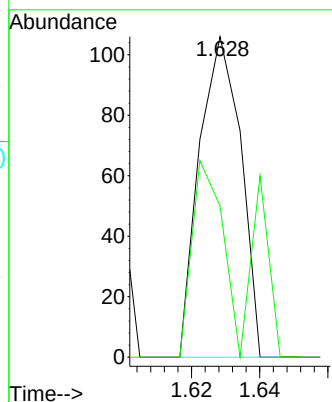
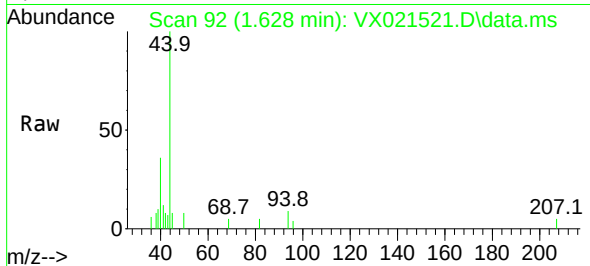




#5
Bromomethane
Concen: 0.30 ug/l
RT: 1.628 min Scan# 92
Delta R.T. 0.006 min
Lab File: VX021521.D
Acq: 26 Mar 2021 05:36

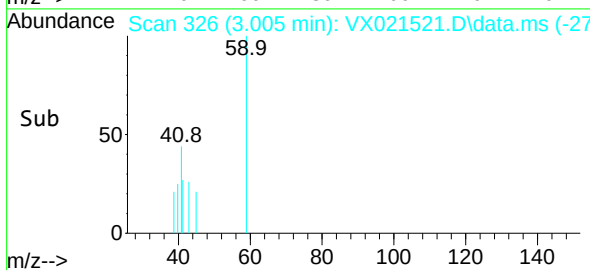
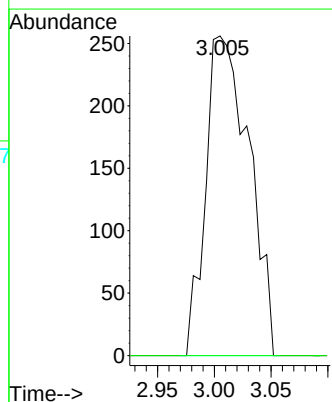
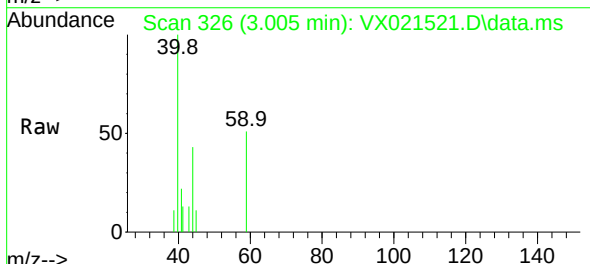
Instrument :
MSVOA_X
ClientSampled :

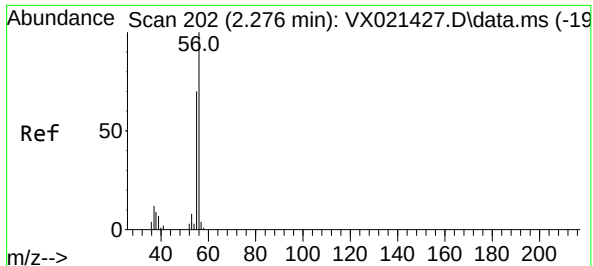
Tgt Ion: 94 Resp: 89
Ion Ratio Lower Upper
94 100
96 47.2 76.4 114.6#



#11
Tert butyl alcohol
Concen: 3.76 ug/l
RT: 3.005 min Scan# 326
Delta R.T. -0.018 min
Lab File: VX021521.D
Acq: 26 Mar 2021 05:36

Tgt Ion: 59 Resp: 680
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

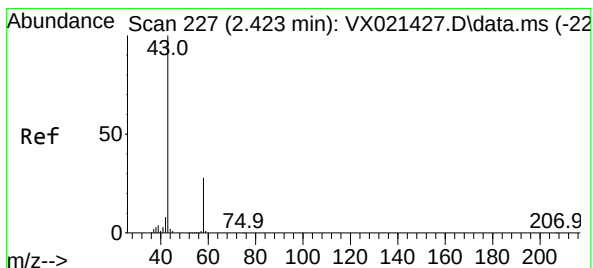
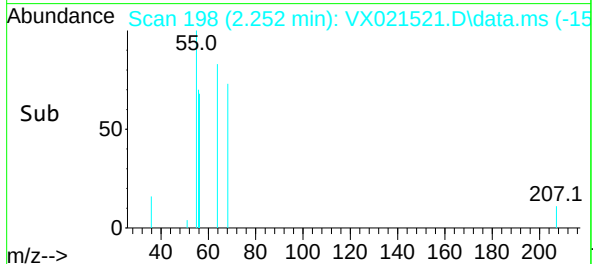
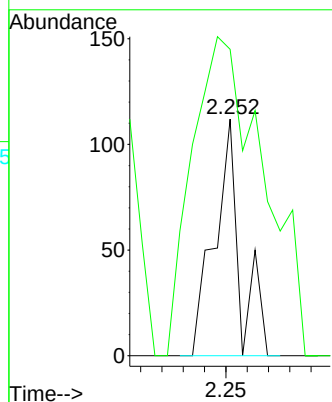
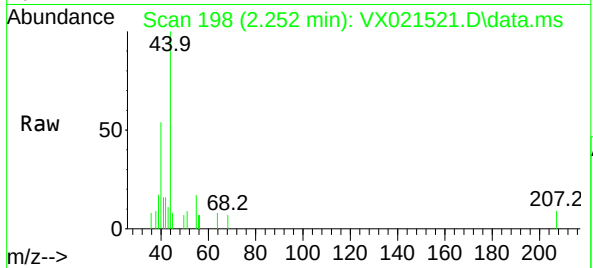




#13
Acrolein
Concen: 5.30 ug/l
RT: 2.252 min Scan# 198
Delta R.T. -0.024 min
Lab File: VX021521.D
Acq: 26 Mar 2021 05:36

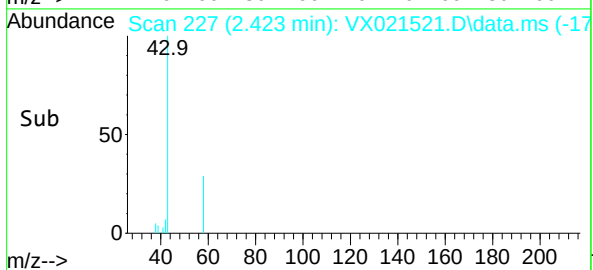
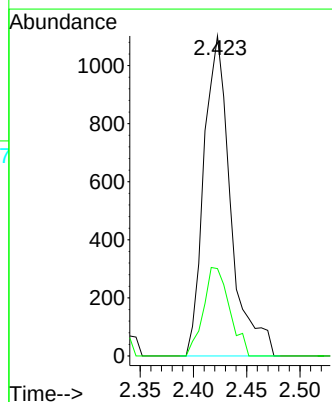
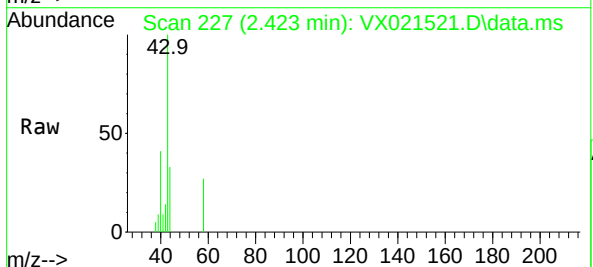
Instrument :
MSVOA_X
ClientSampled :

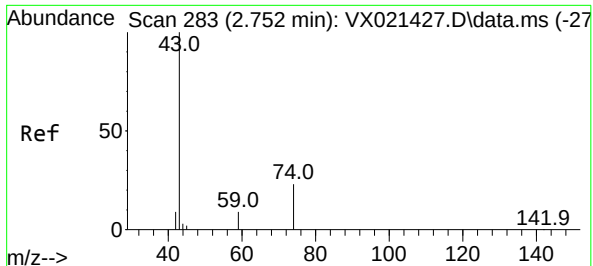
Tgt Ion: 56 Resp: 93
Ion Ratio Lower Upper
56 100
55 377.4 56.4 84.6#



#16
Acetone
Concen: 4.66 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021521.D
Acq: 26 Mar 2021 05:36

Tgt Ion: 43 Resp: 1930
Ion Ratio Lower Upper
43 100
58 27.3 27.8 41.8#





#18

Methyl Acetate

Concen: 0.22 ug/l

RT: 2.752 min Scan# 283

Delta R.T. 0.000 min

Lab File: VX021521.D

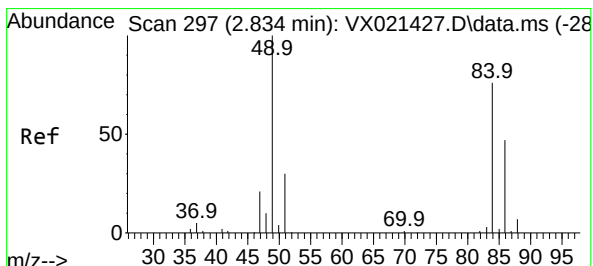
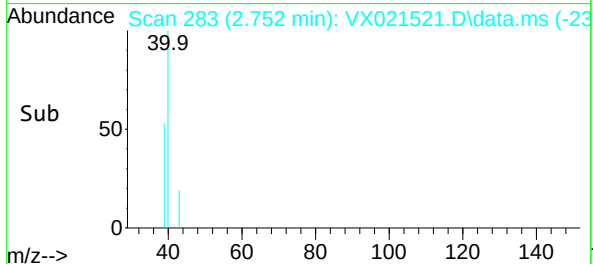
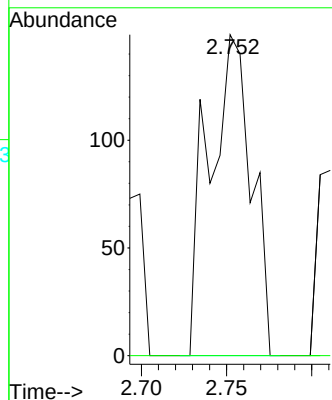
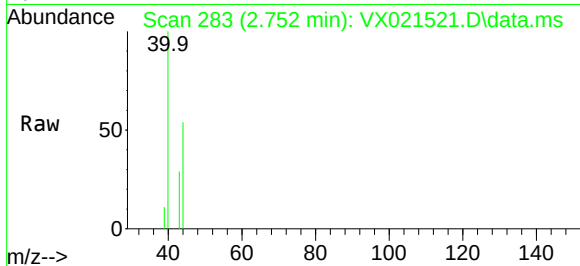
Acq: 26 Mar 2021 05:36

Tgt Ion: 43 Resp: 260

Ion Ratio Lower Upper

43 100

74 0.0 21.9 32.9#



#20

Methylene Chloride

Concen: 0.27 ug/l

RT: 2.840 min Scan# 298

Delta R.T. 0.006 min

Lab File: VX021521.D

Acq: 26 Mar 2021 05:36

Tgt Ion: 84 Resp: 215

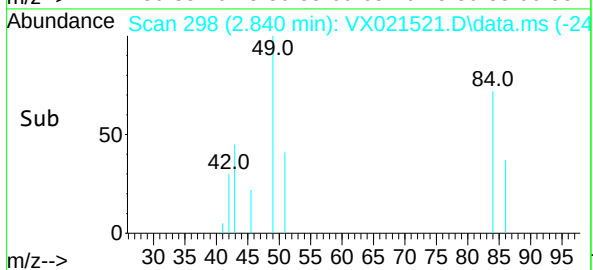
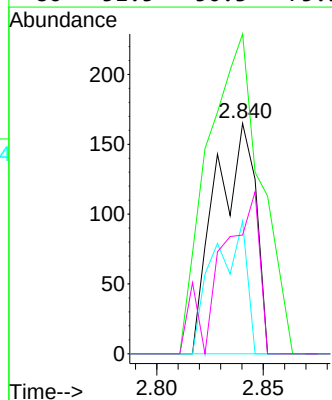
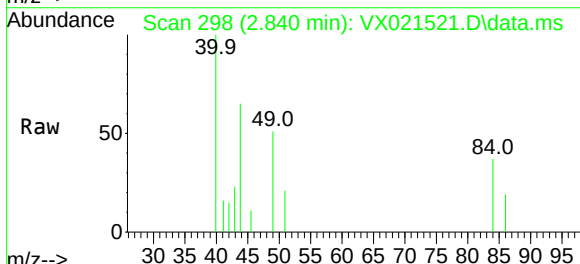
Ion Ratio Lower Upper

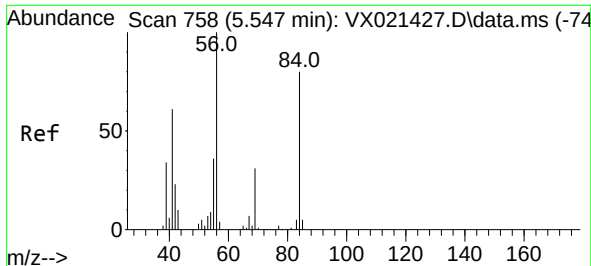
84 100

49 138.8 88.6 132.8#

51 57.6 27.0 40.6#

86 51.5 50.3 75.5





#31

Cyclohexane

Concen: 1.60 ug/l

RT: 5.617 min Scan# 770

Delta R.T. 0.070 min

Lab File: VX021521.D

Acq: 26 Mar 2021 05:36

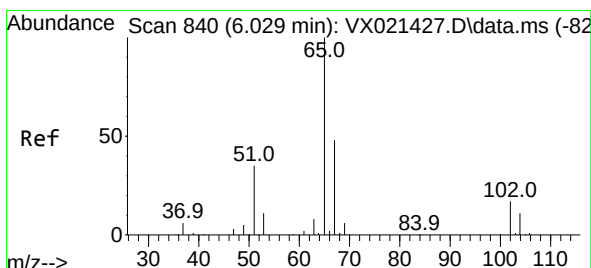
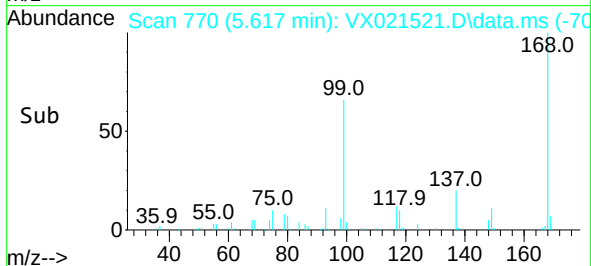
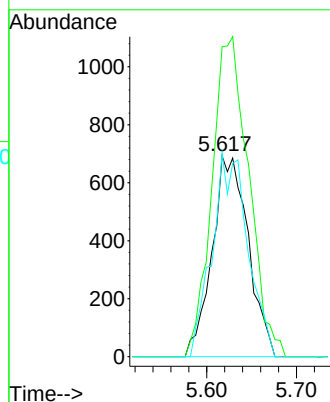
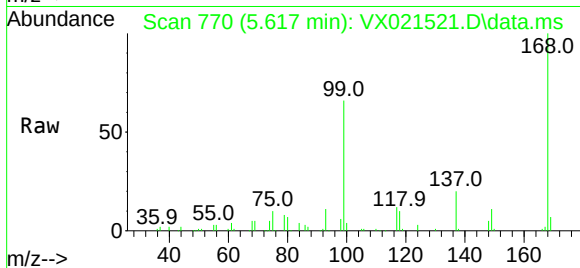
Tgt Ion: 56 Resp: 1928

Ion Ratio Lower Upper

56 100

69 154.3 25.3 37.9#

84 101.3 71.4 107.0



#33

1,2-Dichloroethane-d4

Concen: 52.34 ug/l

RT: 6.029 min Scan# 840

Delta R.T. -0.000 min

Lab File: VX021521.D

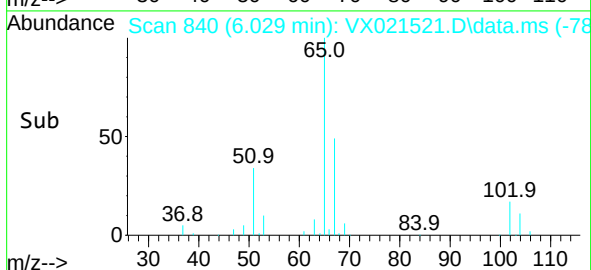
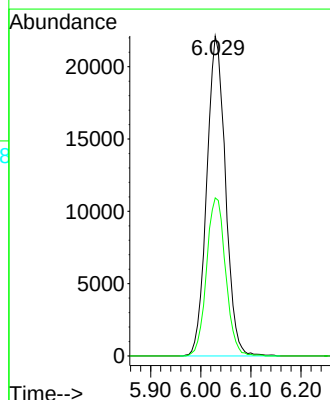
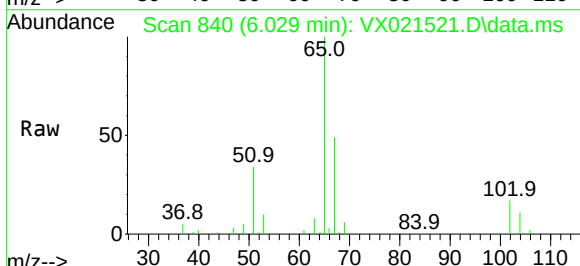
Acq: 26 Mar 2021 05:36

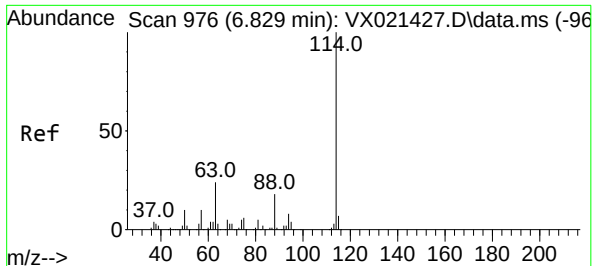
Tgt Ion: 65 Resp: 57319

Ion Ratio Lower Upper

65 100

67 50.4 0.0 105.4

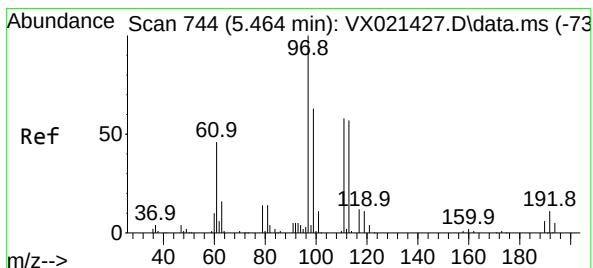
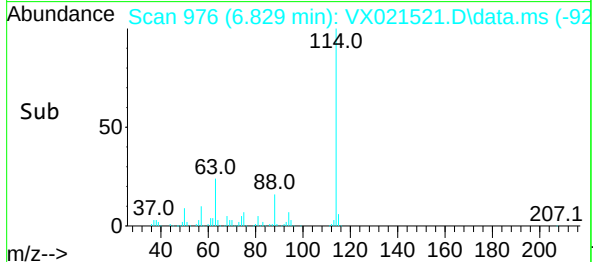
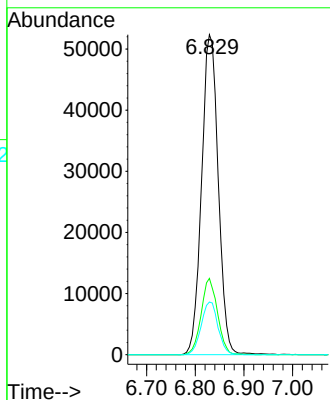
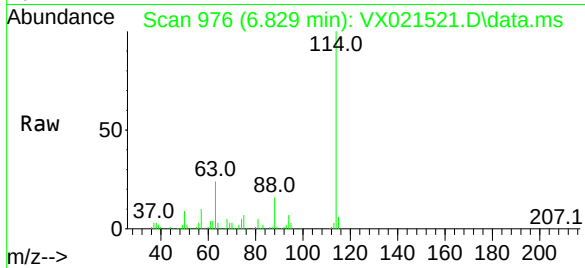




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021521.D
Acq: 26 Mar 2021 05:36

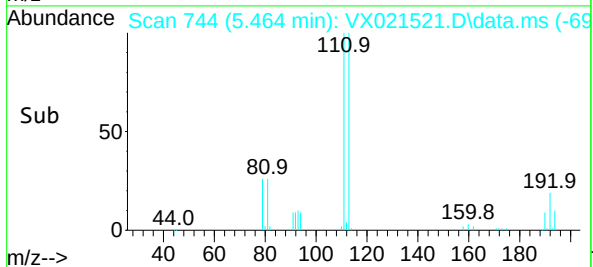
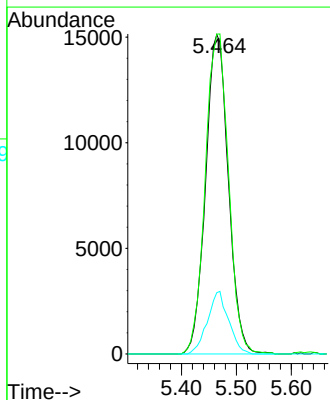
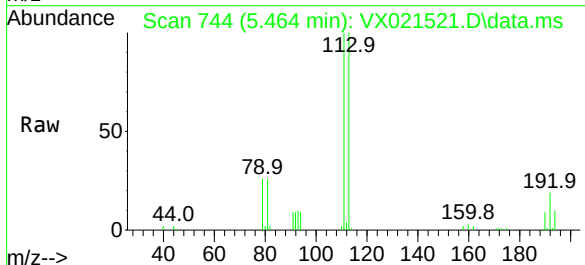
Instrument :
MSVOA_X
ClientSampled :

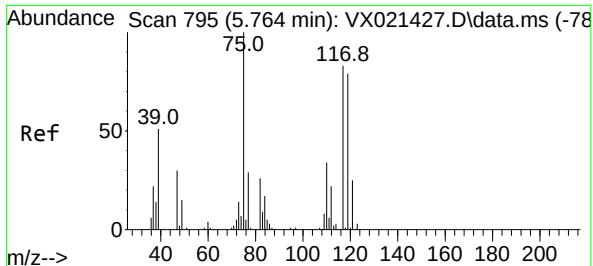
Tgt Ion:114 Resp: 124482
Ion Ratio Lower Upper
114 100
63 23.8 0.0 40.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.21 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021521.D
Acq: 26 Mar 2021 05:36

Tgt Ion:113 Resp: 43509
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 18.2 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.02 ug/l

RT: 5.629 min Scan# 772

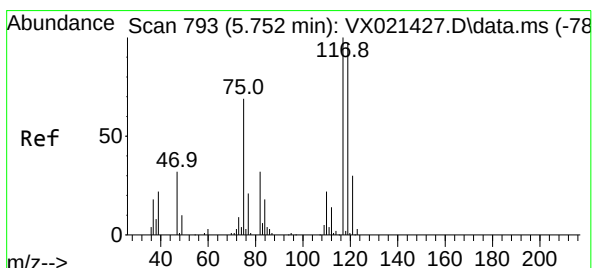
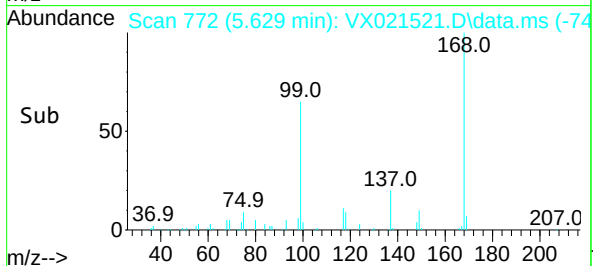
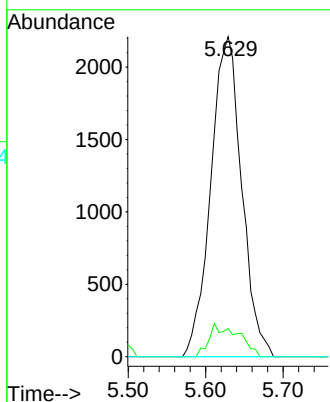
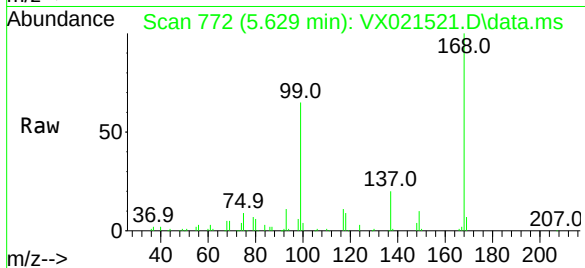
Delta R.T. -0.135 min

Lab File: VX021521.D

Acq: 26 Mar 2021 05:36

Tgt Ion:	75	Resp:	6122
Ion	Ratio	Lower	Upper
75	100		
110	9.8	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampled :



#38

Carbon Tetrachloride

Concen: 5.78 ug/l

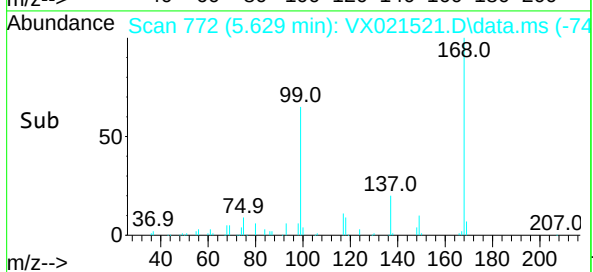
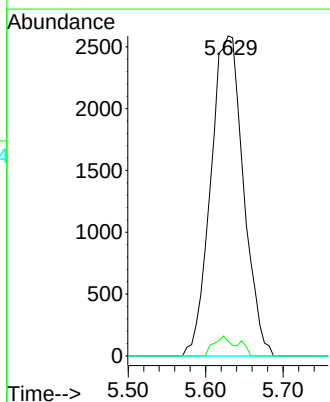
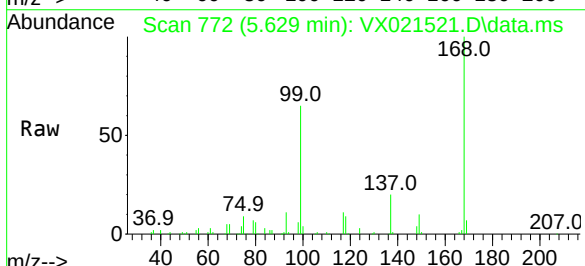
RT: 5.629 min Scan# 772

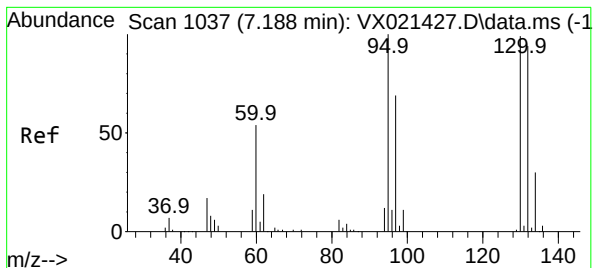
Delta R.T. -0.123 min

Lab File: VX021521.D

Acq: 26 Mar 2021 05:36

Tgt Ion:	117	Resp:	7577
Ion	Ratio	Lower	Upper
117	100		
119	4.6	76.2	114.2#
121	0.0	24.8	37.2#





#44

Trichloroethene

Concen: 0.33 ug/l

RT: 7.188 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VX021521.D

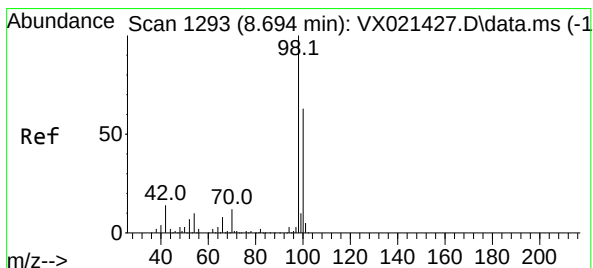
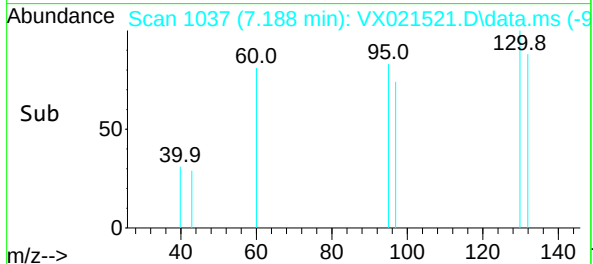
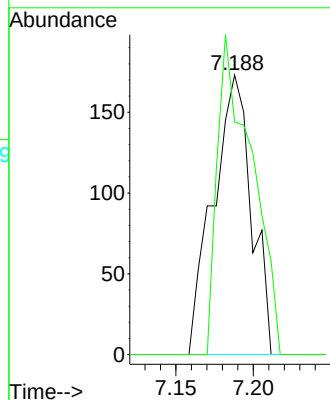
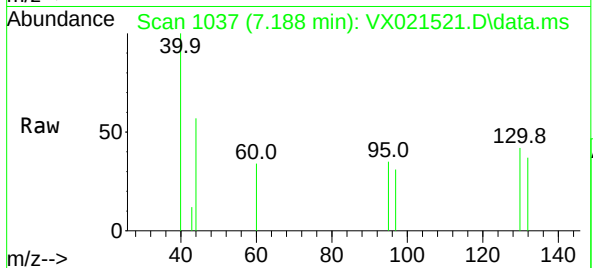
Acq: 26 Mar 2021 05:36

Tgt Ion:130 Resp: 298

Ion Ratio Lower Upper

130 100

95 83.2 0.0 198.0



#50

Toluene-d8

Concen: 49.92 ug/l

RT: 8.694 min Scan# 1293

Delta R.T. -0.000 min

Lab File: VX021521.D

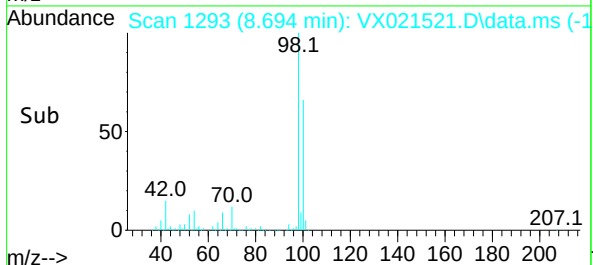
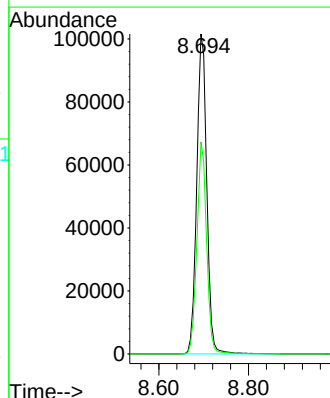
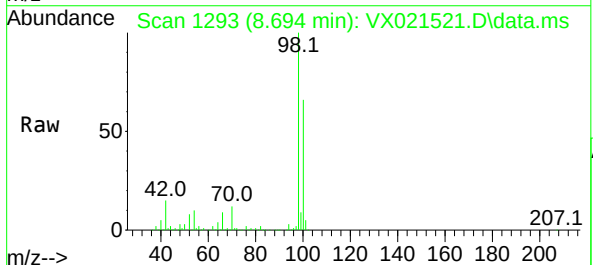
Acq: 26 Mar 2021 05:36

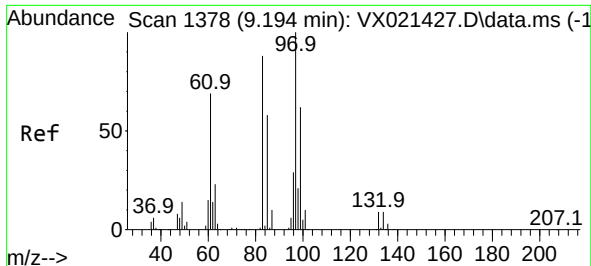
Tgt Ion: 98 Resp: 157286

Ion Ratio Lower Upper

98 100

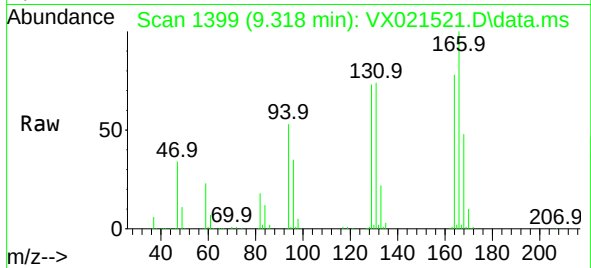
100 64.0 51.9 77.9



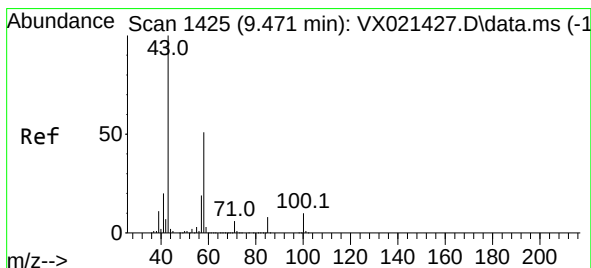
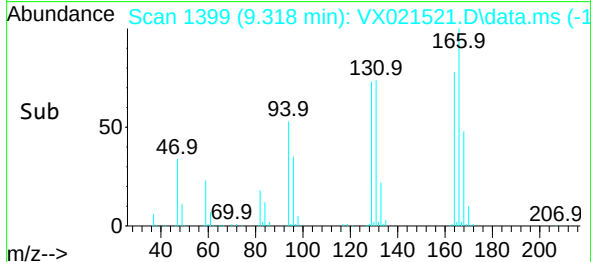
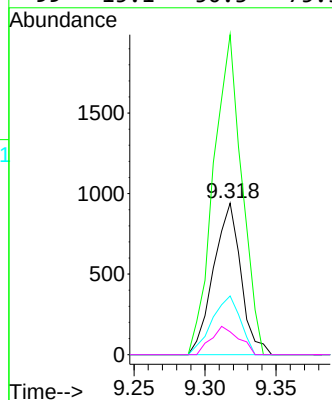


#55
1,1,2-Trichloroethane
Concen: 1.40 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. 0.124 min
Lab File: VX021521.D
Acq: 26 Mar 2021 05:36

Instrument :
MSVOA_X
ClientSampleId :

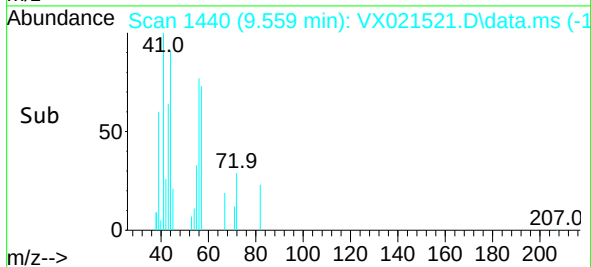
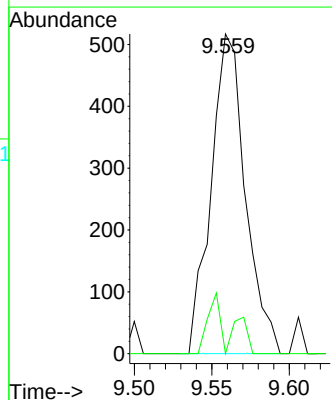
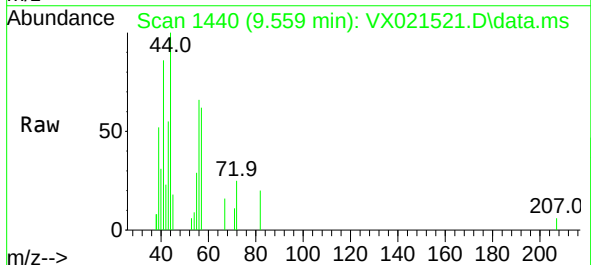


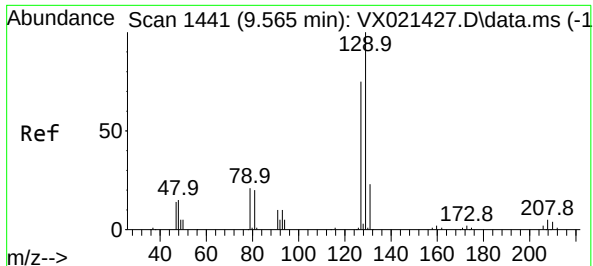
Tgt Ion	Ratio	Lower	Upper
97	100		
83	211.2	69.3	103.9#
85	38.7	44.3	66.5#
99	15.1	50.3	75.5#



#59
2-Hexanone
Concen: 0.75 ug/l
RT: 9.559 min Scan# 1440
Delta R.T. 0.088 min
Lab File: VX021521.D
Acq: 26 Mar 2021 05:36

Tgt Ion	Ratio	Lower	Upper
43	100		
58	6.8	30.9	92.8#

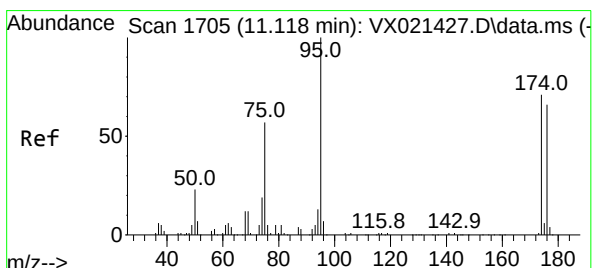
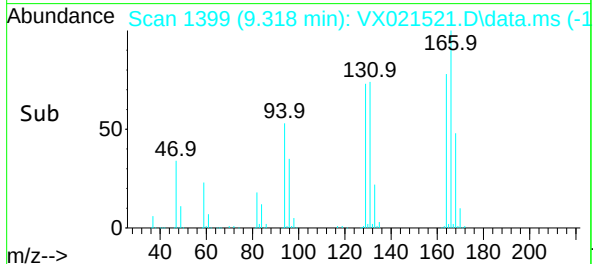
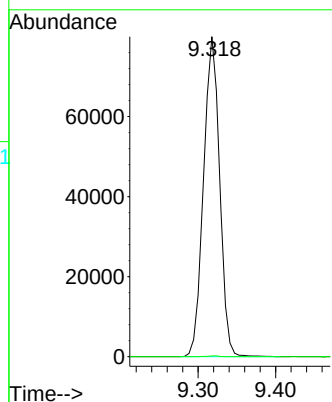
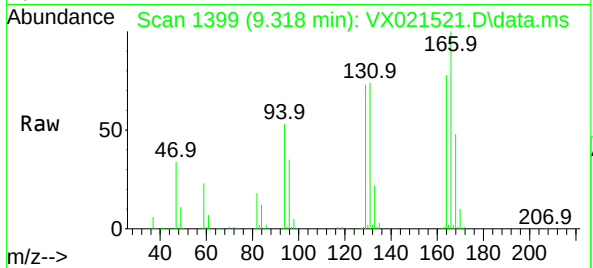




#60
Dibromochloromethane
Concen: 114.34 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.247 min
Lab File: VX021521.D
Acq: 26 Mar 2021 05:36

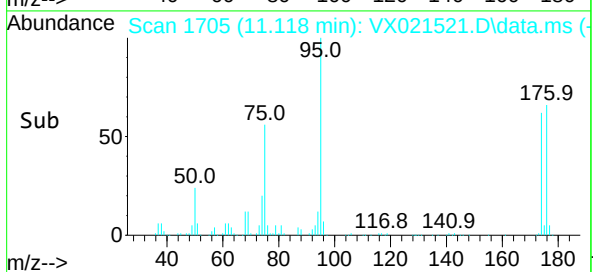
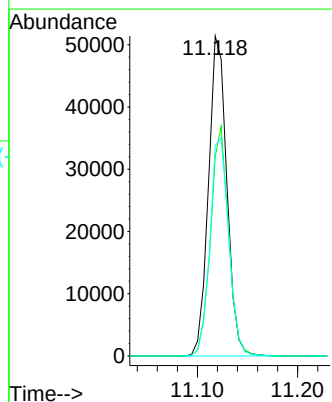
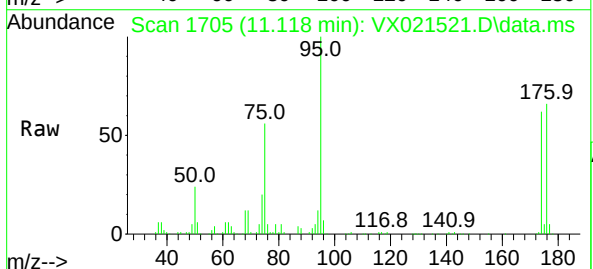
Instrument :
MSVOA_X
ClientSampled :

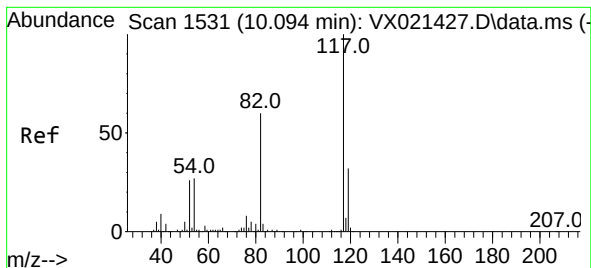
Tgt Ion:129 Resp: 115631
Ion Ratio Lower Upper
129 100
127 0.2 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 53.28 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021521.D
Acq: 26 Mar 2021 05:36

Tgt Ion: 95 Resp: 65275
Ion Ratio Lower Upper
95 100
174 70.0 0.0 154.6
176 70.2 0.0 155.8

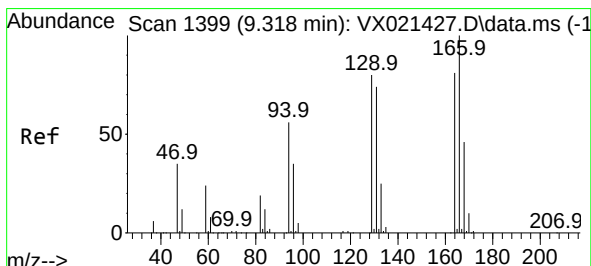
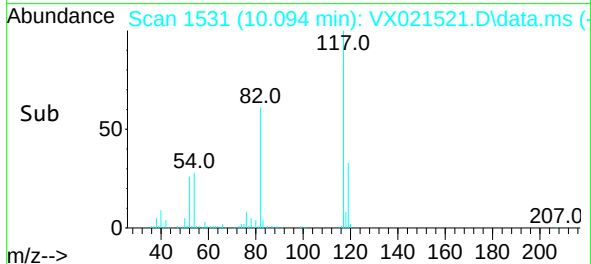
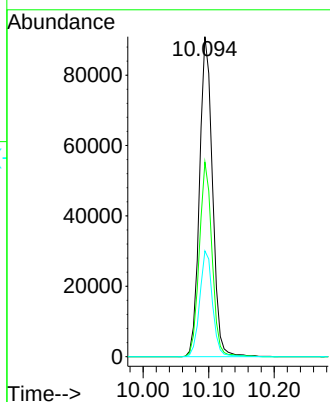
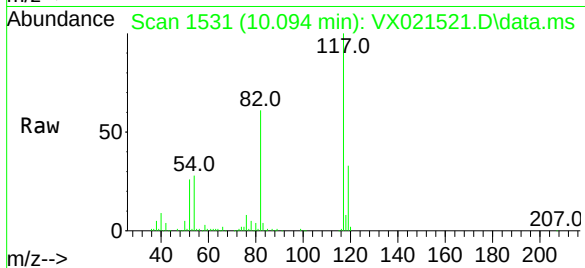




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021521.D
Acq: 26 Mar 2021 05:36

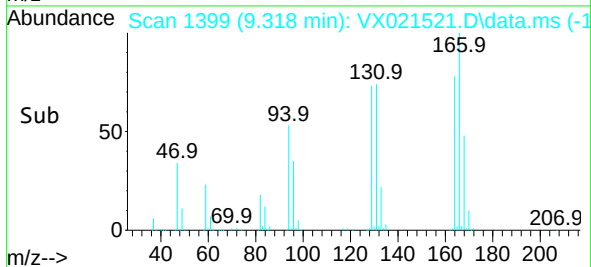
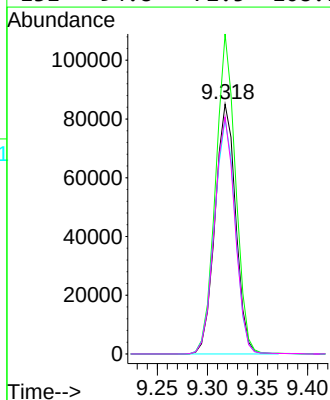
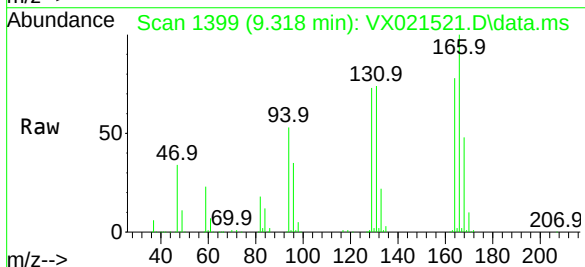
Instrument :
MSVOA_X
ClientSampled :

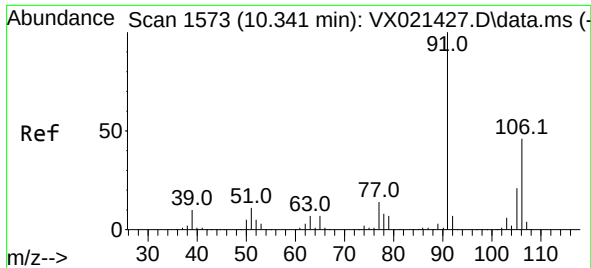
Tgt Ion:117 Resp: 125337
Ion Ratio Lower Upper
117 100
82 60.8 47.4 71.2
119 33.1 26.6 39.8



#64
Tetrachloroethene
Concen: 144.45 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VX021521.D
Acq: 26 Mar 2021 05:36

Tgt Ion:164 Resp: 121280
Ion Ratio Lower Upper
164 100
166 128.1 103.4 155.2
129 94.0 70.8 106.2
131 94.8 72.5 108.7

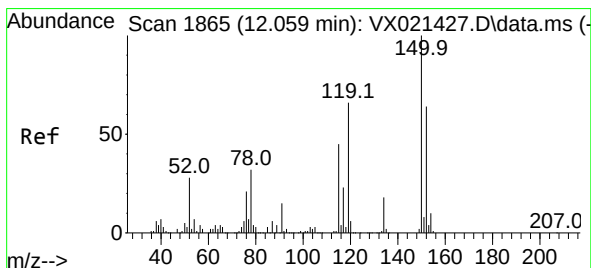
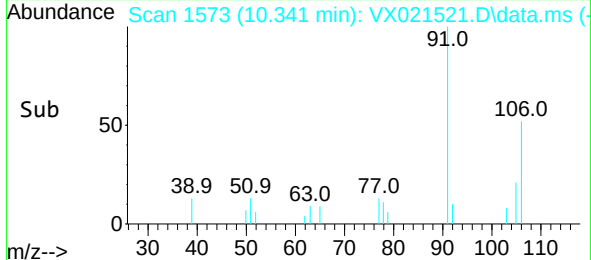
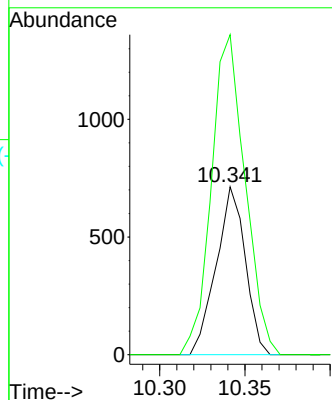
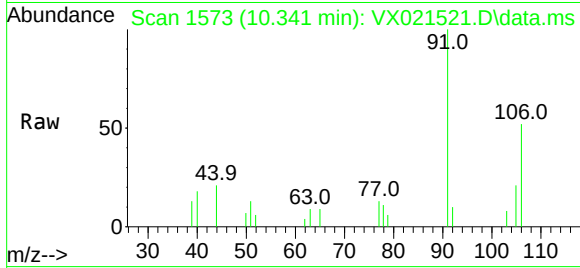




#68
m/p-Xylenes
Concen: 0.52 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021521.D
Acq: 26 Mar 2021 05:36

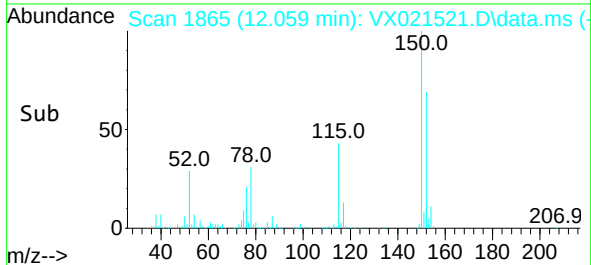
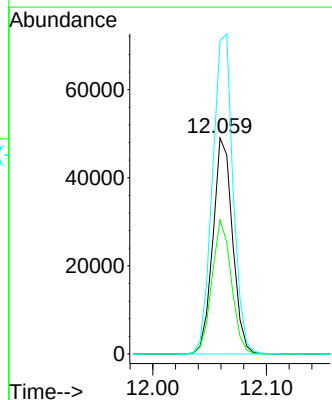
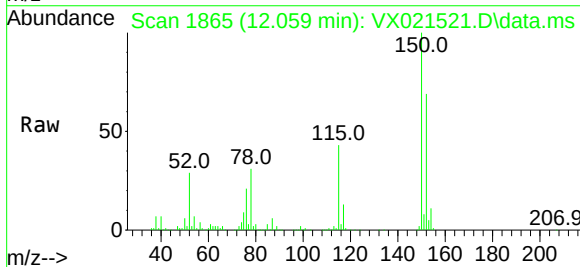
Instrument :
MSVOA_X
ClientSampleId :

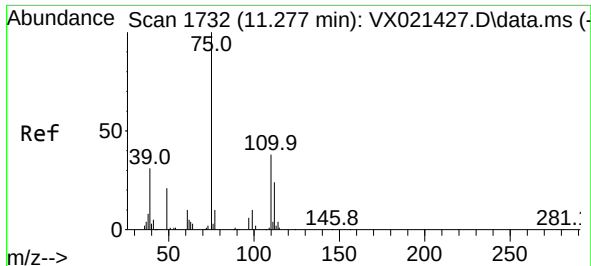
Tgt Ion:106 Resp: 849
Ion Ratio Lower Upper
106 100
91 220.0 162.8 244.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021521.D
Acq: 26 Mar 2021 05:36

Tgt Ion:152 Resp: 58748
Ion Ratio Lower Upper
152 100
115 61.6 41.1 123.3
150 155.6 0.0 349.0

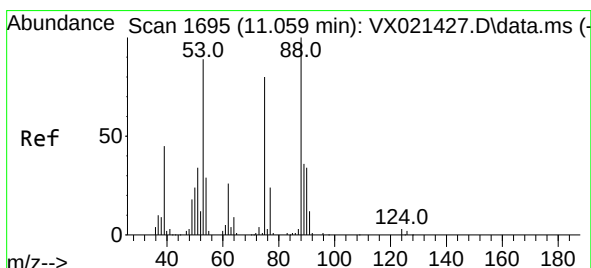
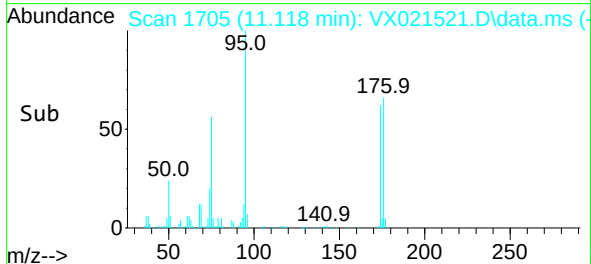
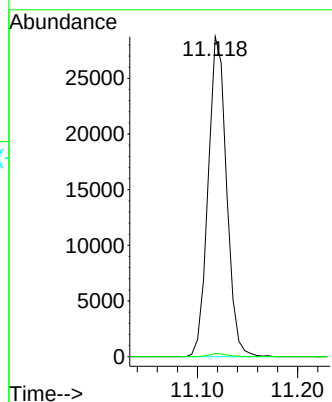
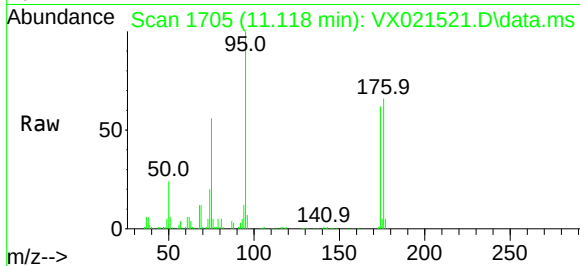




#76
1,2,3-Trichloropropane
Concen: 26.89 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021521.D
Acq: 26 Mar 2021 05:36

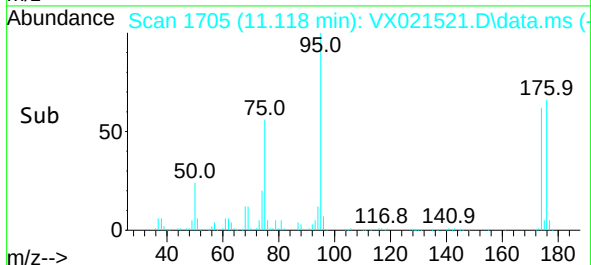
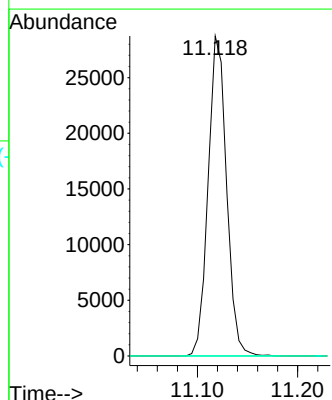
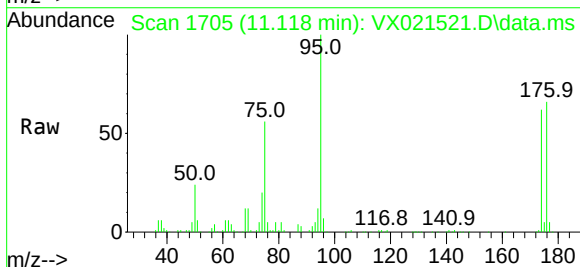
Instrument :
MSVOA_X
ClientSampled :

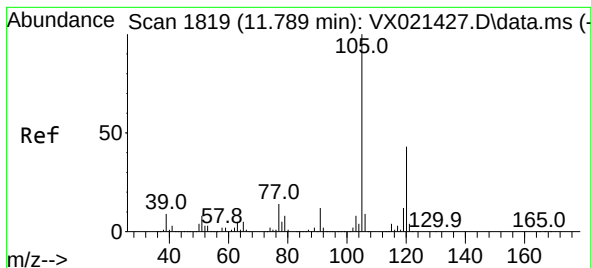
Tgt Ion: 75 Resp: 36780
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.91 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021521.D
Acq: 26 Mar 2021 05:36

Tgt Ion: 75 Resp: 36780
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

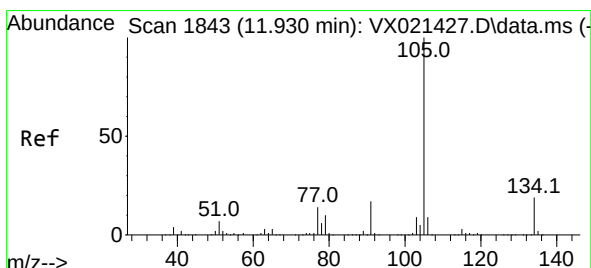
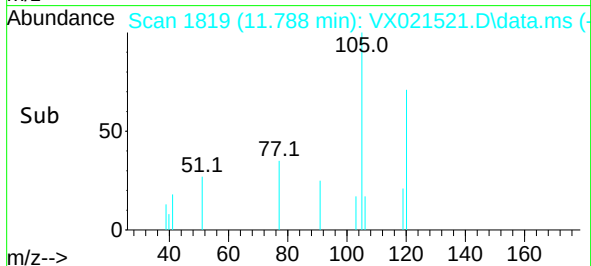
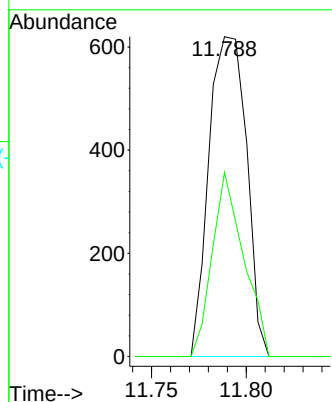
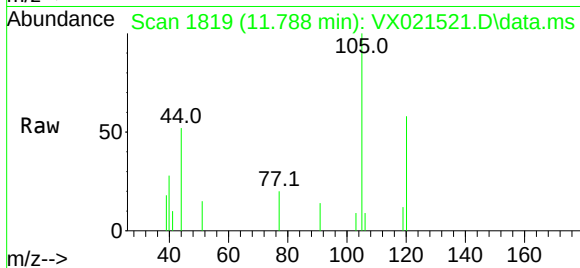




#84
1,2,4-Trimethylbenzene
Concen: 0.24 ug/l
RT: 11.788 min Scan# 1819
Delta R.T. -0.001 min
Lab File: VX021521.D
Acq: 26 Mar 2021 05:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 856
Ion Ratio Lower Upper
105 100
120 48.4 22.4 67.3



#85
sec-Butylbenzene
Concen: 0.22 ug/l
RT: 11.788 min Scan# 1819
Delta R.T. -0.142 min
Lab File: VX021521.D
Acq: 26 Mar 2021 05:36

Tgt Ion:105 Resp: 856
Ion Ratio Lower Upper
105 100
134 0.0 10.0 29.8#

