

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032321\
 Data File : VX021413.D
 Acq On : 24 Mar 2021 03:05
 Operator : JC/MD
 Sample : M1770-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 24 03:37:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

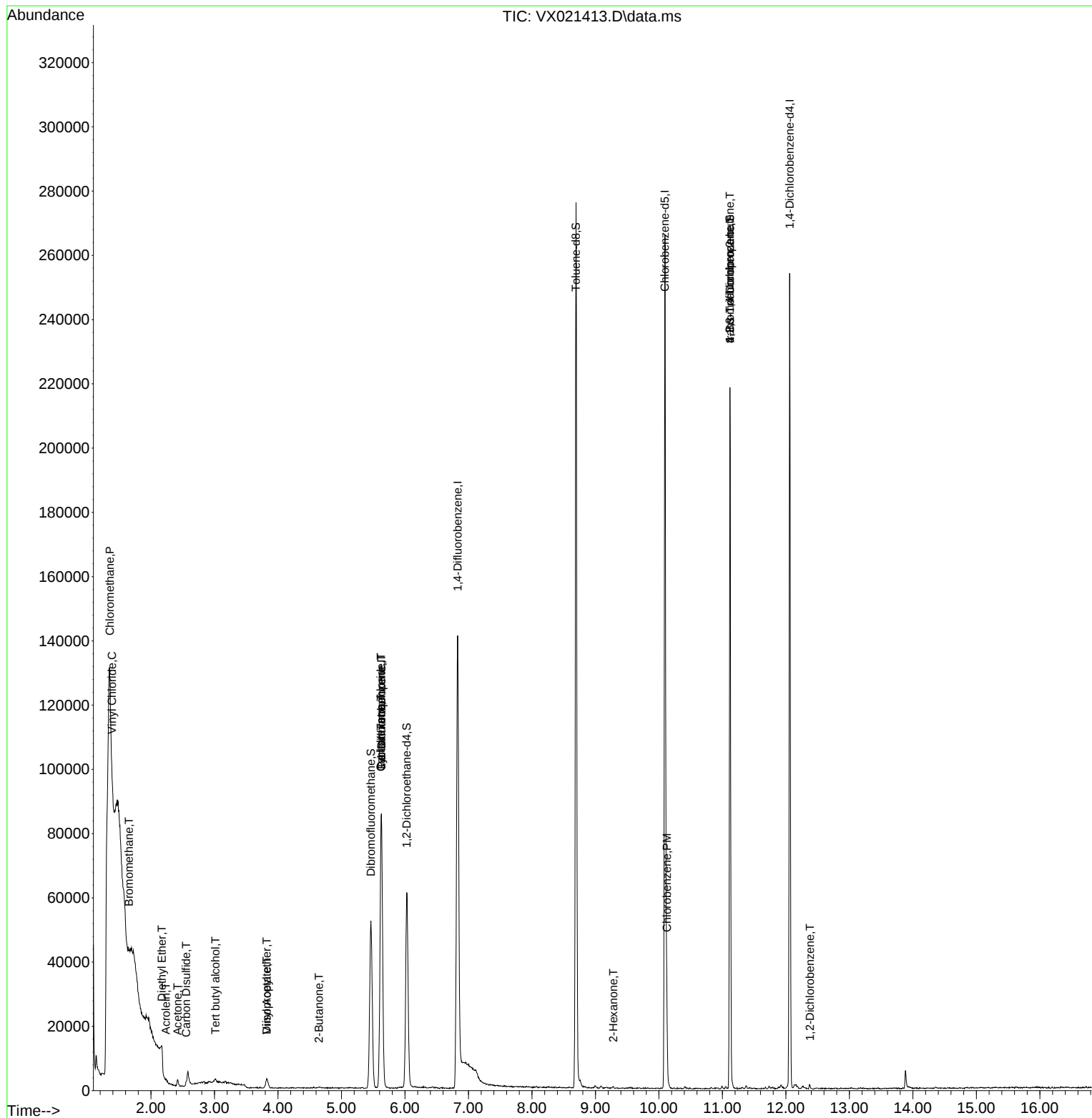
Internal Standards						
1) Pentafluorobenzene	5.629	168	72568	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	124832	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	110876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	46173	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	59905	50.33	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.66%			
35) Dibromofluoromethane	5.464	113	43110	50.75	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.50%			
50) Toluene-d8	8.694	98	150337	48.78	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.56%			
62) 4-Bromofluorobenzene	11.118	95	54117	45.21	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.42%			
Target Compounds					Qvalue	
3) Chloromethane	1.352	50	13976	9.45	ug/l #	46
4) Vinyl Chloride	1.387	62	189	0.21	ug/l #	1
5) Bromomethane	1.652	94	111	0.29	ug/l #	2
8) Diethyl Ether	2.170	74	217	0.46	ug/l #	12
11) Tert butyl alcohol	3.017	59	548	2.74	ug/l #	73
13) Acrolein	2.234	56	37	3.43	ug/l #	1
16) Acetone	2.417	43	1963	4.48	ug/l #	87
17) Carbon Disulfide	2.552	76	1636	1.29	ug/l	96
22) Diisopropyl ether	3.823	45	2890	0.99	ug/l #	86
23) Vinyl Acetate	3.823	43	1813	0.71	ug/l #	68
25) 2-Butanone	4.647	43	182	0.27	ug/l #	45
31) Cyclohexane	5.623	56	2076	1.44	ug/l #	30
36) 1,1-Dichloropropene	5.629	75	6768	5.38	ug/l #	49
38) Carbon Tetrachloride	5.623	117	8292	6.35	ug/l #	18
59) 2-Hexanone	9.282	43	235	0.23	ug/l	70
65) Chlorobenzene	10.124	112	12547	5.50	ug/l	100
76) 1,2,3-Trichloropropane	11.118	75	30359	28.34	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	30359	76.95	ug/l #	12
91) 1,2-Dichlorobenzene	12.377	146	291	0.20	ug/l	98

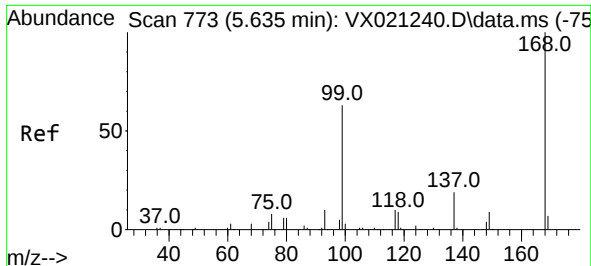
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 16 14:00:21 2021
Response via : Initial Calibration

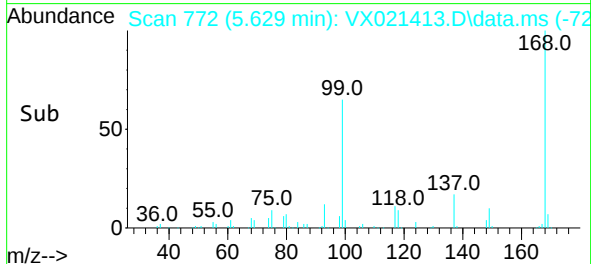
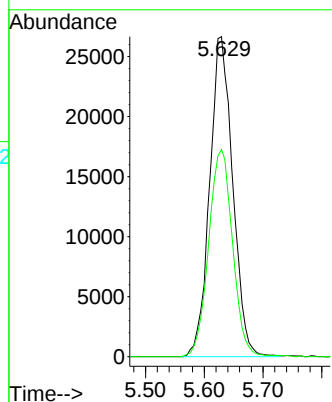
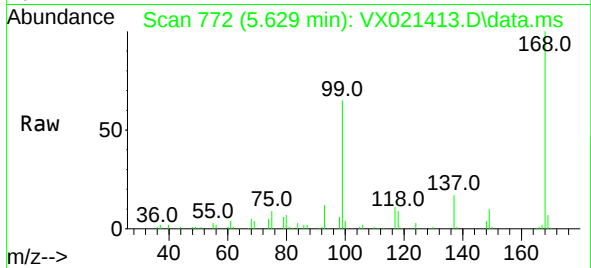




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.006 min
Lab File: VX021413.D
Acq: 24 Mar 2021 03:05

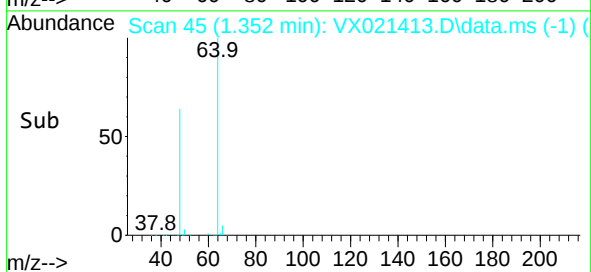
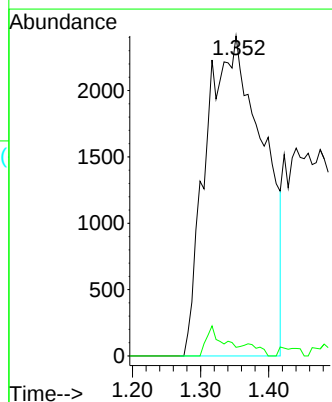
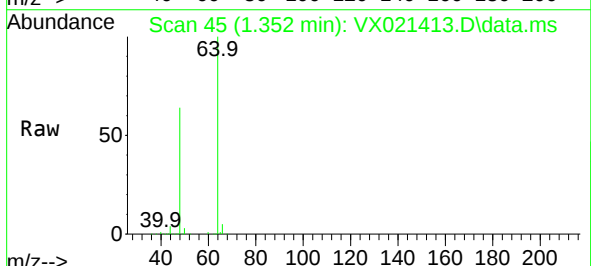
Instrument :
MSVOA_X
ClientSampled :

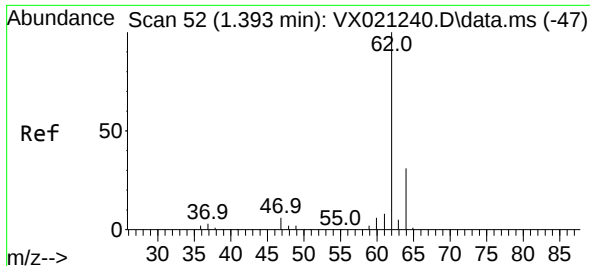
Tgt Ion:168 Resp: 72568
Ion Ratio Lower Upper
168 100
99 64.8 45.8 68.6



#3
Chloromethane
Concen: 9.45 ug/l
RT: 1.352 min Scan# 45
Delta R.T. 0.041 min
Lab File: VX021413.D
Acq: 24 Mar 2021 03:05

Tgt Ion: 50 Resp: 13976
Ion Ratio Lower Upper
50 100
52 2.7 26.4 39.6#

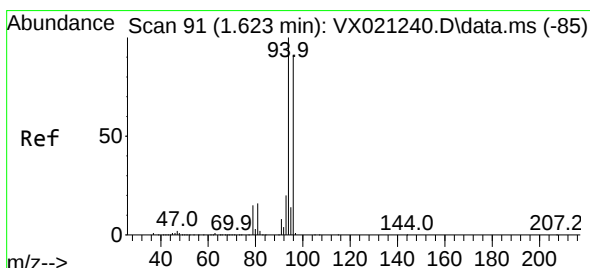
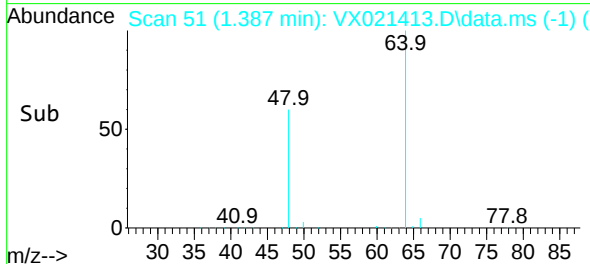
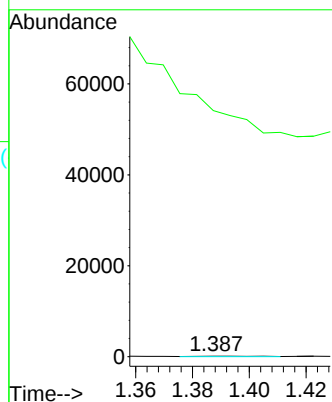
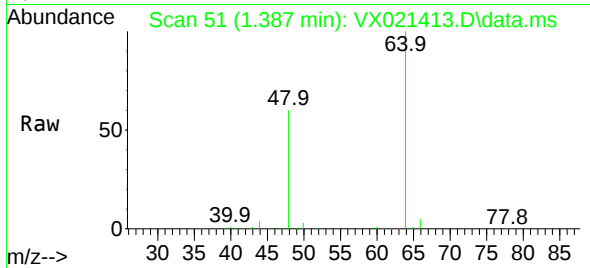




#4
 Vinyl Chloride
 Concen: 0.21 ug/l
 RT: 1.387 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX021413.D
 Acq: 24 Mar 2021 03:05

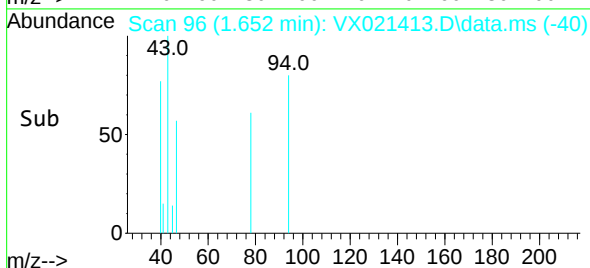
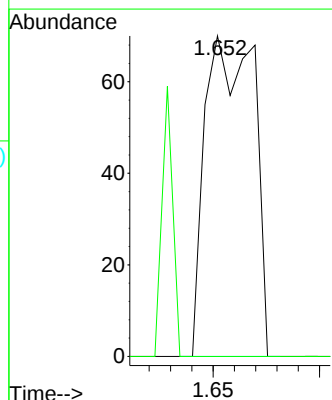
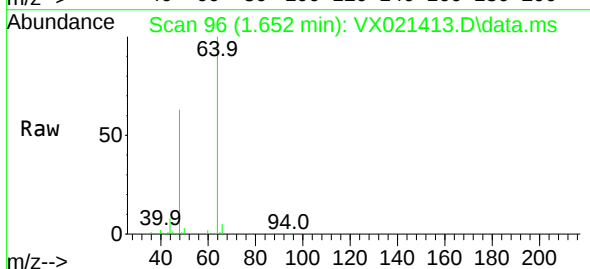
Instrument :
 MSVOA_X
 ClientSampled :

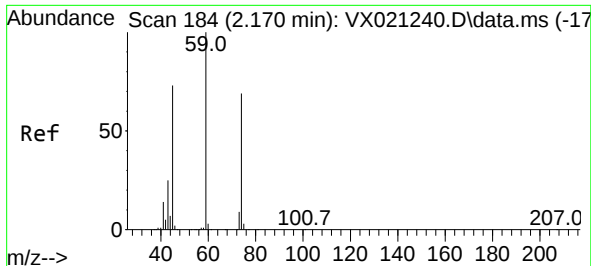
Tgt Ion: 62 Resp: 189
 Ion Ratio Lower Upper
 62 100
 64 7070.6 25.7 38.5#



#5
 Bromomethane
 Concen: 0.29 ug/l
 RT: 1.652 min Scan# 96
 Delta R.T. 0.029 min
 Lab File: VX021413.D
 Acq: 24 Mar 2021 03:05

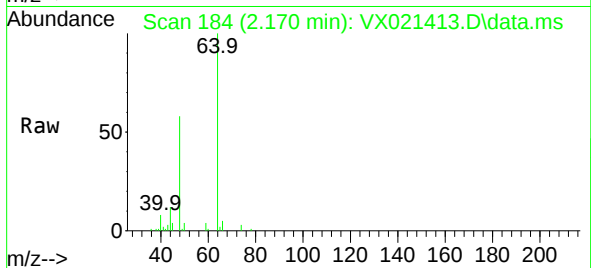
Tgt Ion: 94 Resp: 111
 Ion Ratio Lower Upper
 94 100
 96 0.0 76.4 114.6#



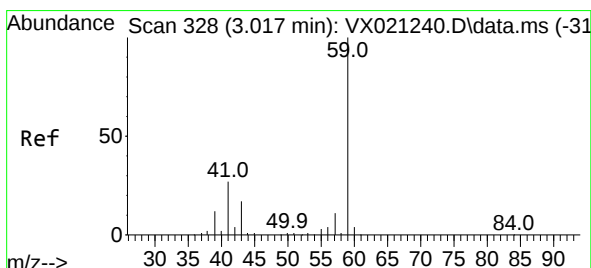
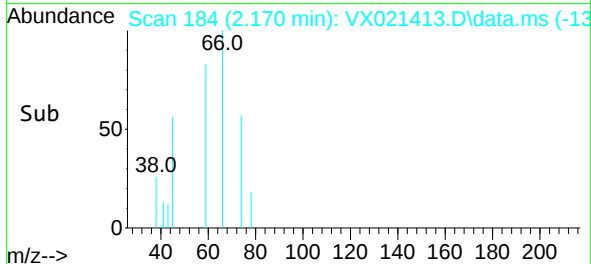
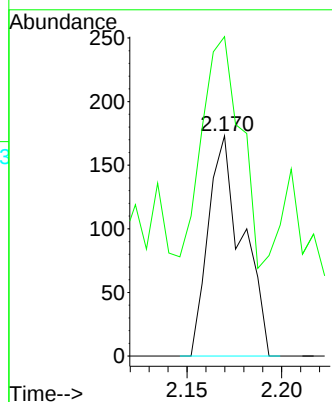


#8
Diethyl Ether
Concen: 0.46 ug/l
RT: 2.170 min Scan# 184
Delta R.T. -0.000 min
Lab File: VX021413.D
Acq: 24 Mar 2021 03:05

Instrument :
MSVOA_X
ClientSampled :

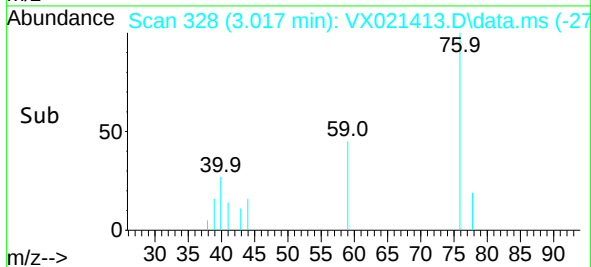
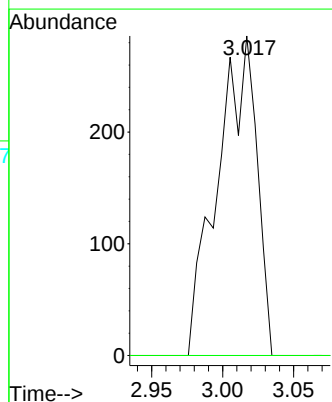
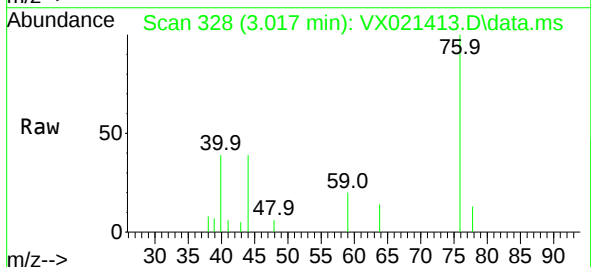


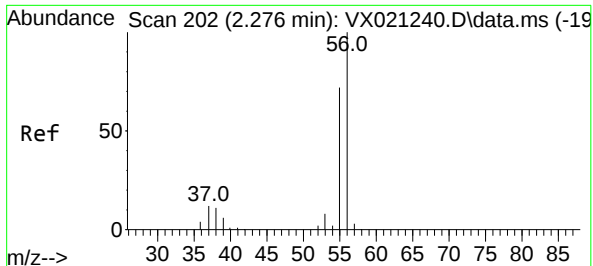
Tgt Ion: 74 Resp: 217
Ion Ratio Lower Upper
74 100
45 171.0 44.5 133.5#



#11
Tert butyl alcohol
Concen: 2.74 ug/l
RT: 3.017 min Scan# 328
Delta R.T. -0.000 min
Lab File: VX021413.D
Acq: 24 Mar 2021 03:05

Tgt Ion: 59 Resp: 548
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

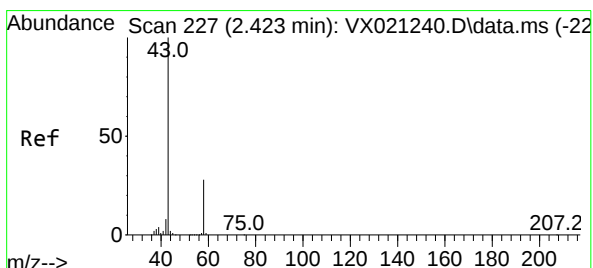
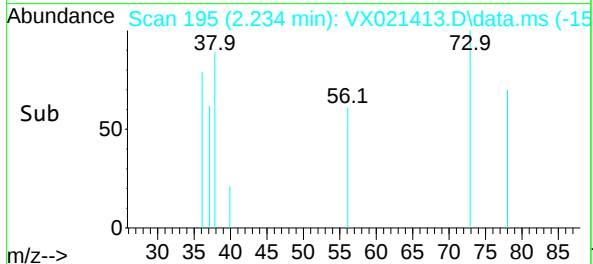
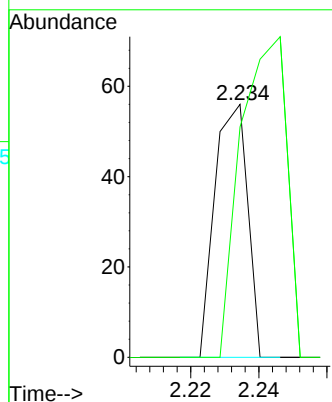
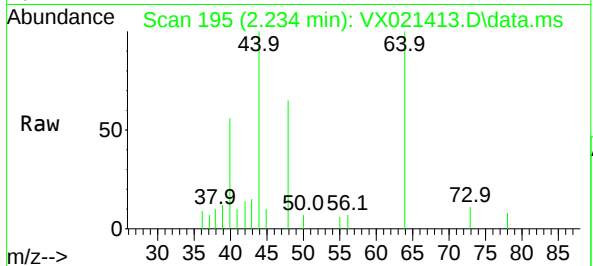




#13
Acrolein
Concen: 3.43 ug/l
RT: 2.234 min Scan# 195
Delta R.T. -0.042 min
Lab File: VX021413.D
Acq: 24 Mar 2021 03:05

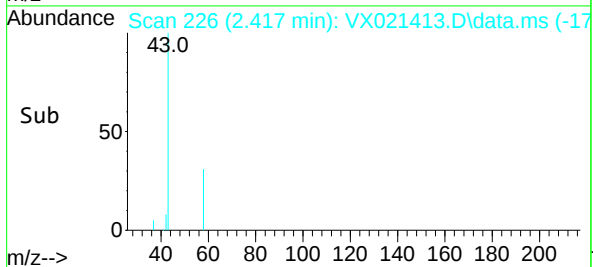
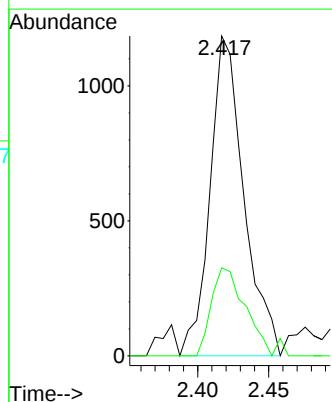
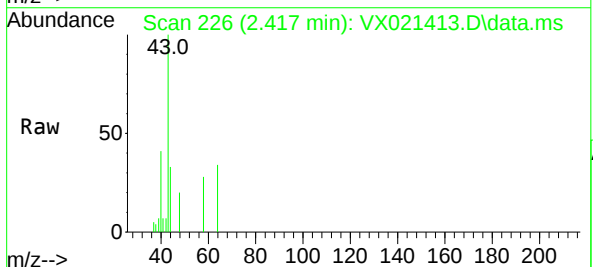
Instrument :
MSVOA_X
ClientSampled :

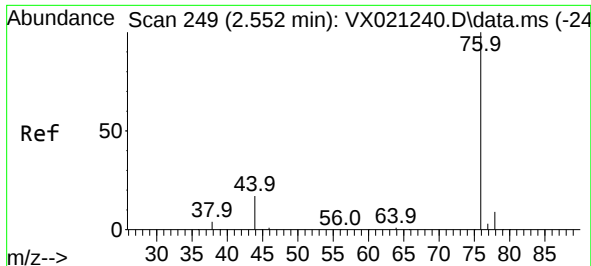
Tgt Ion: 56 Resp: 37
Ion Ratio Lower Upper
56 100
55 178.4 56.4 84.6#



#16
Acetone
Concen: 4.48 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021413.D
Acq: 24 Mar 2021 03:05

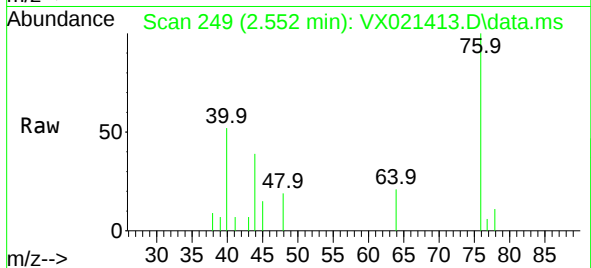
Tgt Ion: 43 Resp: 1963
Ion Ratio Lower Upper
43 100
58 27.5 27.8 41.8#



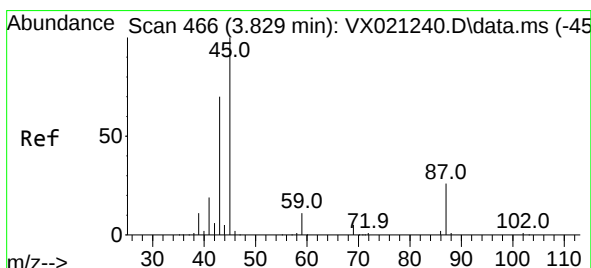
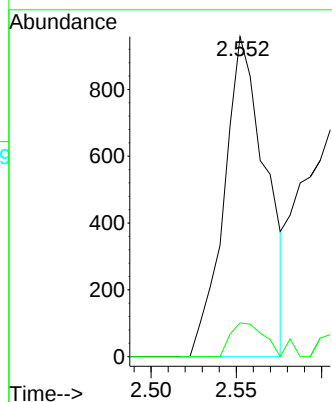
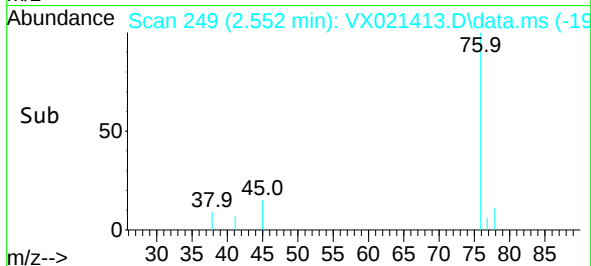


#17
Carbon Disulfide
Concen: 1.29 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.000 min
Lab File: VX021413.D
Acq: 24 Mar 2021 03:05

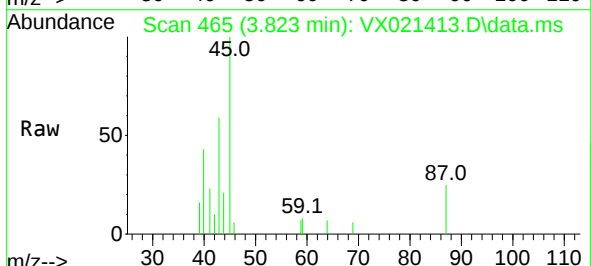
Instrument :
MSVOA_X
ClientSampled :



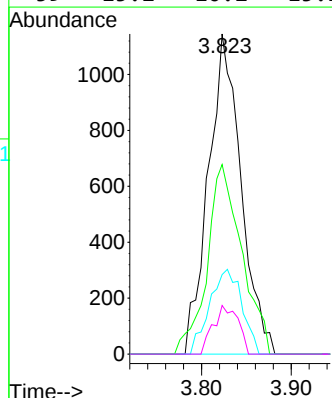
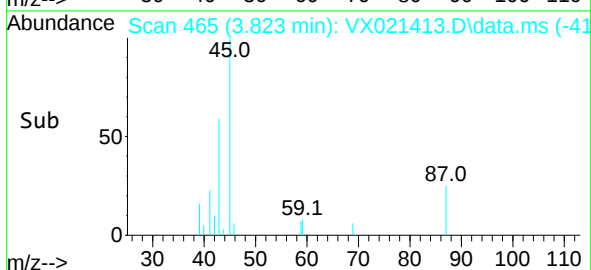
Tgt Ion: 76 Resp: 1636
Ion Ratio Lower Upper
76 100
78 10.5 7.2 10.8

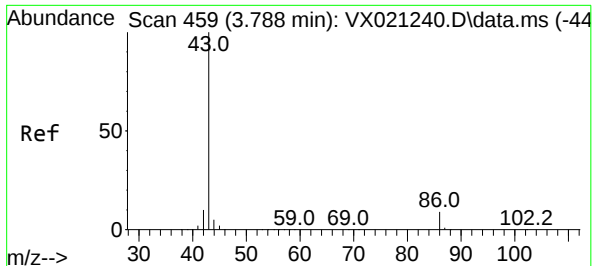


#22
Diisopropyl ether
Concen: 0.99 ug/l
RT: 3.823 min Scan# 465
Delta R.T. -0.006 min
Lab File: VX021413.D
Acq: 24 Mar 2021 03:05



Tgt Ion: 45 Resp: 2890
Ion Ratio Lower Upper
45 100
43 59.2 58.0 87.0
87 24.8 25.4 38.0#
59 15.2 10.2 15.2

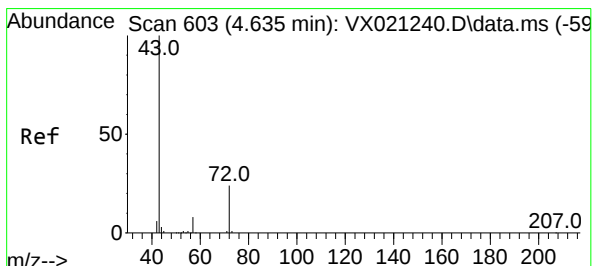
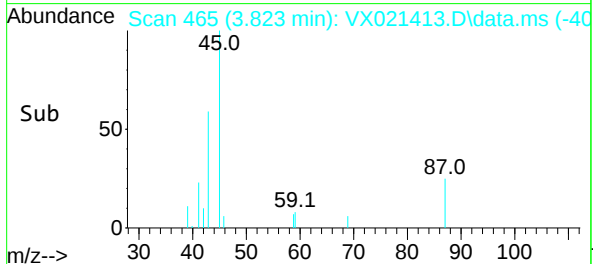
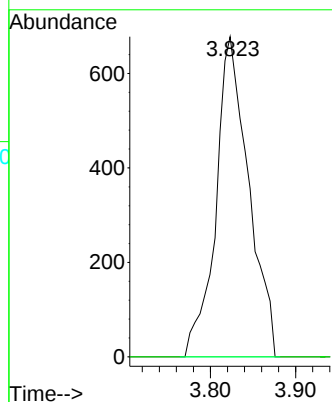
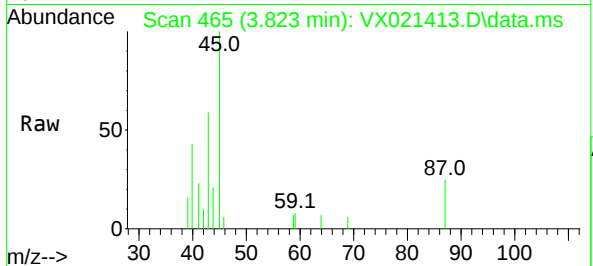




#23
 Vinyl Acetate
 Concen: 0.71 ug/l
 RT: 3.823 min Scan# 465
 Delta R.T. 0.035 min
 Lab File: VX021413.D
 Acq: 24 Mar 2021 03:05

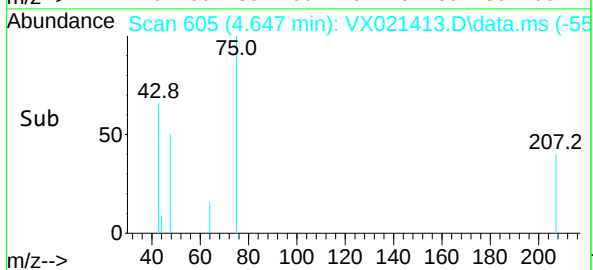
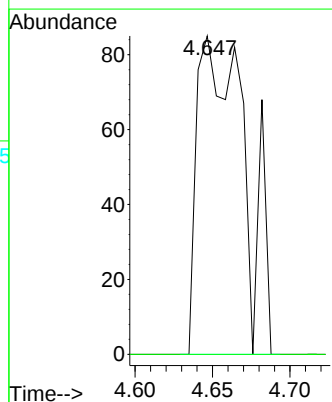
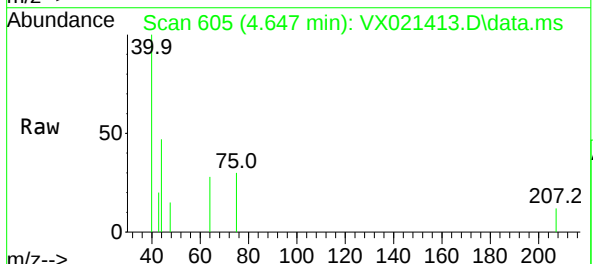
Instrument :
 MSVOA_X
 ClientSampled :

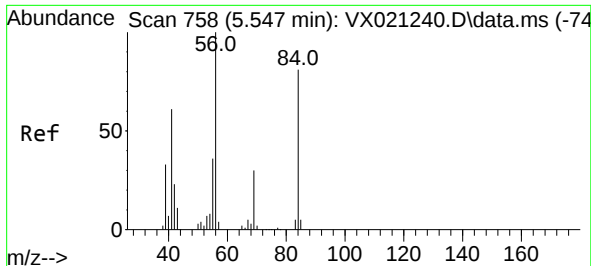
Tgt Ion: 43 Resp: 1813
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.9 14.9#



#25
 2-Butanone
 Concen: 0.27 ug/l
 RT: 4.647 min Scan# 605
 Delta R.T. 0.012 min
 Lab File: VX021413.D
 Acq: 24 Mar 2021 03:05

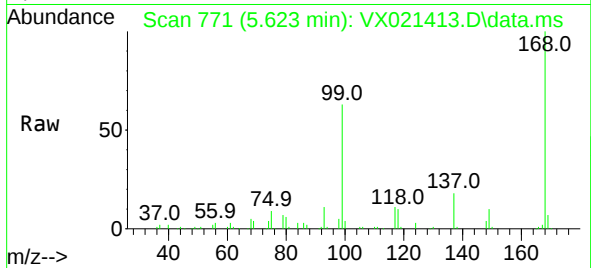
Tgt Ion: 43 Resp: 182
 Ion Ratio Lower Upper
 43 100
 72 0.0 23.7 35.5#



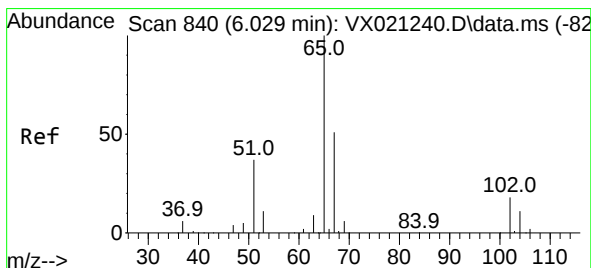
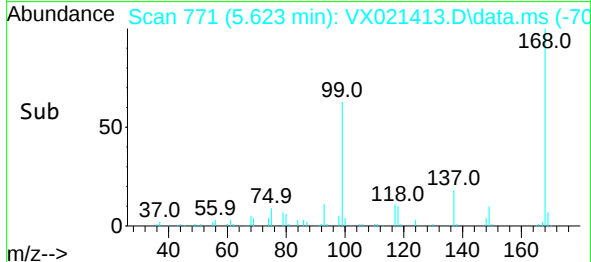
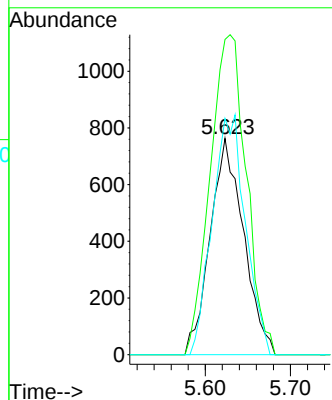


#31
Cyclohexane
Concen: 1.44 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021413.D
Acq: 24 Mar 2021 03:05

Instrument :
MSVOA_X
ClientSampled :

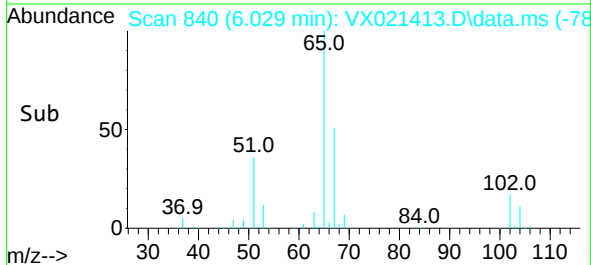
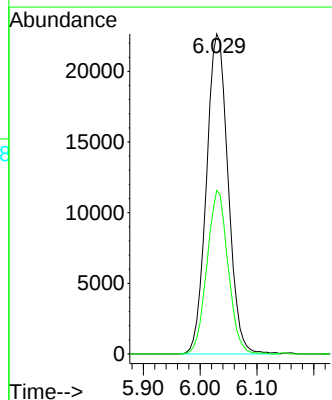
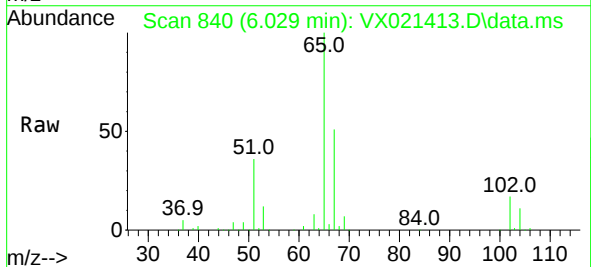


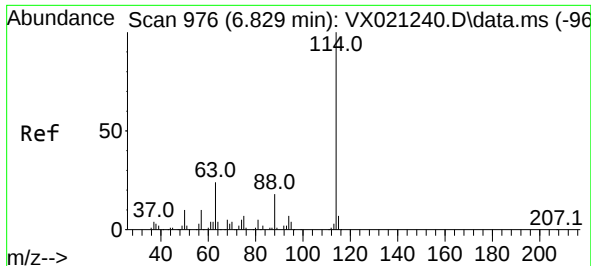
Tgt Ion: 56 Resp: 2076
Ion Ratio Lower Upper
56 100
69 145.7 25.3 37.9#
84 109.2 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 50.33 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021413.D
Acq: 24 Mar 2021 03:05

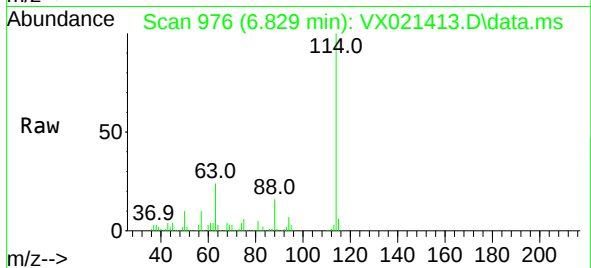
Tgt Ion: 65 Resp: 59905
Ion Ratio Lower Upper
65 100
67 49.9 0.0 105.4



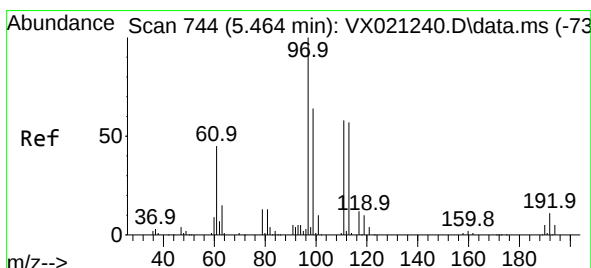
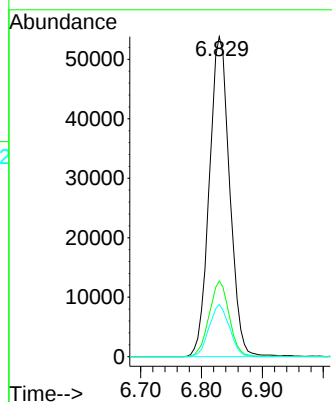
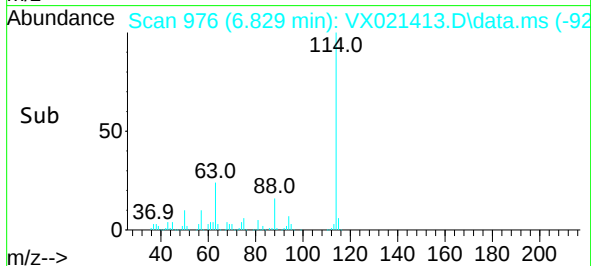


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021413.D
Acq: 24 Mar 2021 03:05

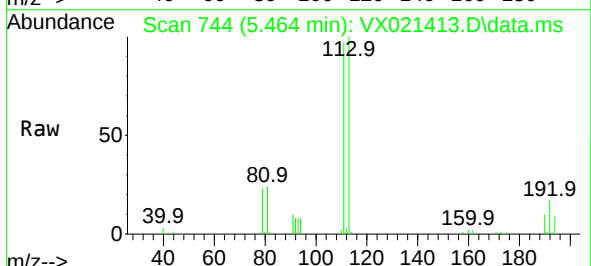
Instrument :
MSVOA_X
ClientSampleId :



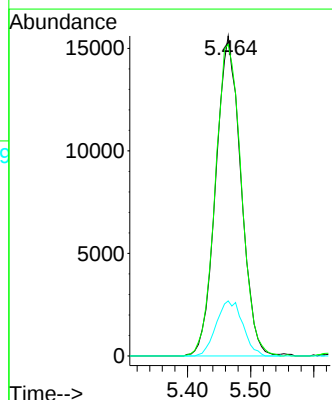
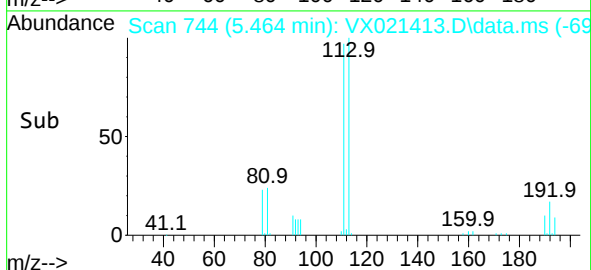
Tgt Ion:114 Resp: 124832
Ion Ratio Lower Upper
114 100
63 23.7 0.0 40.8
88 16.3 0.0 32.8

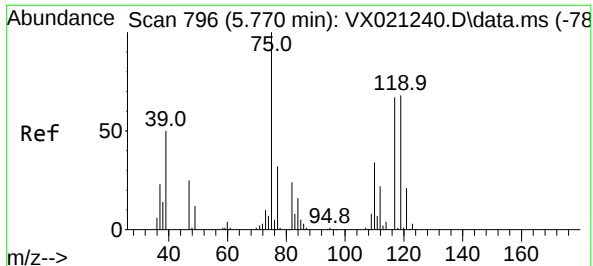


#35
Dibromofluoromethane
Concen: 50.75 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021413.D
Acq: 24 Mar 2021 03:05



Tgt Ion:113 Resp: 43110
Ion Ratio Lower Upper
113 100
111 101.1 81.9 122.9
192 18.2 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.38 ug/l

RT: 5.629 min Scan# 772

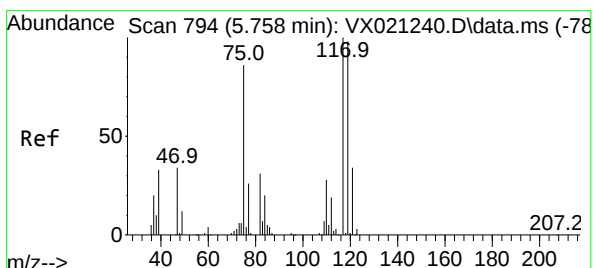
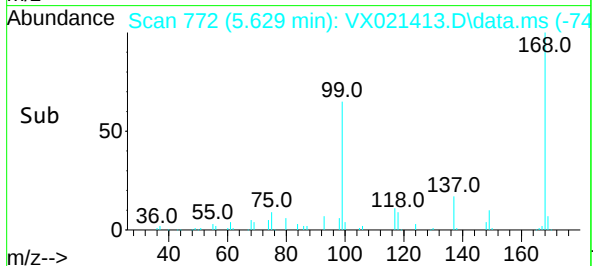
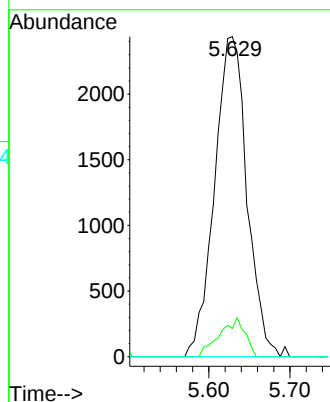
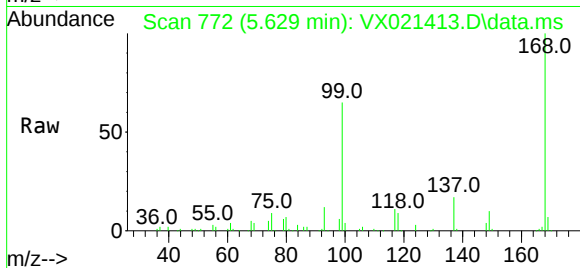
Delta R.T. -0.141 min

Lab File: VX021413.D

Acq: 24 Mar 2021 03:05

Tgt Ion:	75	Resp:	6768
Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.35 ug/l

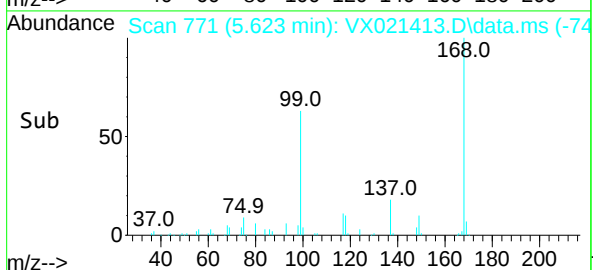
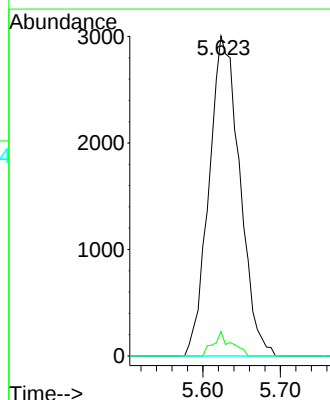
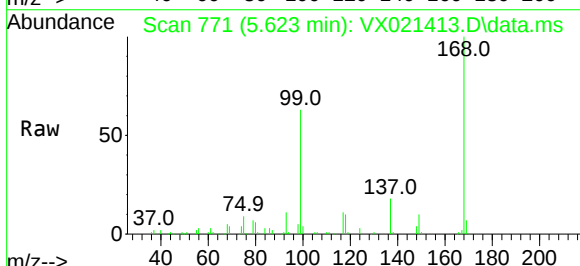
RT: 5.623 min Scan# 771

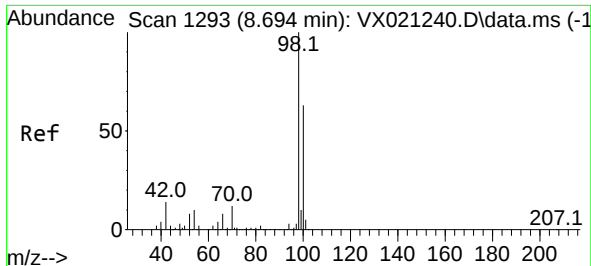
Delta R.T. -0.135 min

Lab File: VX021413.D

Acq: 24 Mar 2021 03:05

Tgt Ion:	117	Resp:	8292
Ion	Ratio	Lower	Upper
117	100		
119	7.6	76.2	114.2#
121	0.0	24.8	37.2#

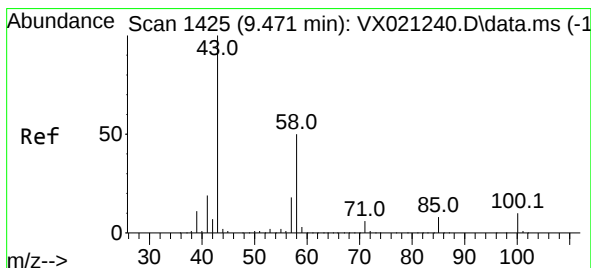
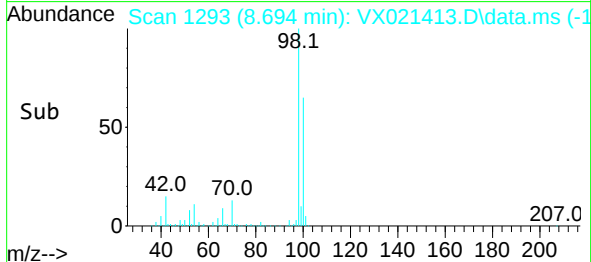
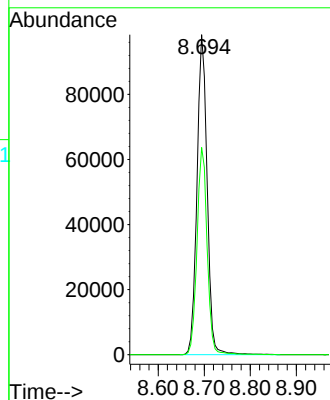
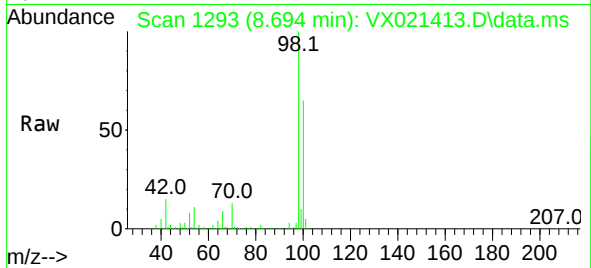




#50
Toluene-d8
Concen: 48.78 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021413.D
Acq: 24 Mar 2021 03:05

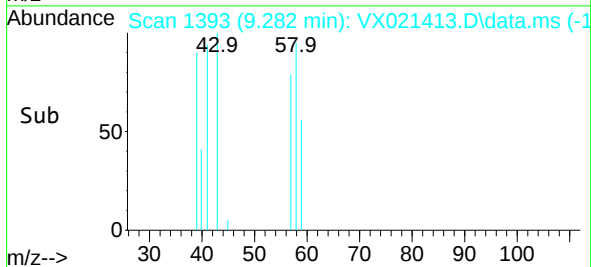
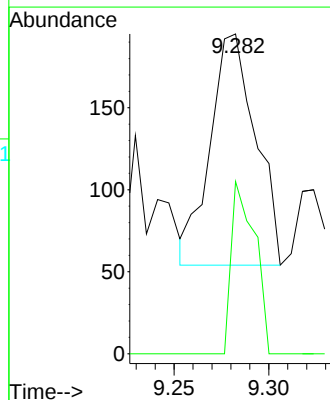
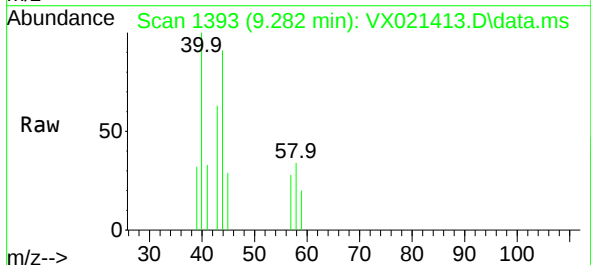
Instrument :
MSVOA_X
ClientSampled :

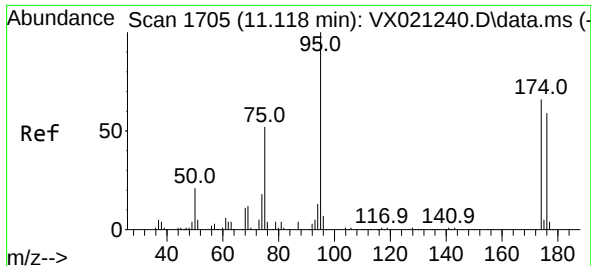
Tgt Ion: 98 Resp: 150337
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



#59
2-Hexanone
Concen: 0.23 ug/l
RT: 9.282 min Scan# 1393
Delta R.T. -0.189 min
Lab File: VX021413.D
Acq: 24 Mar 2021 03:05

Tgt Ion: 43 Resp: 235
Ion Ratio Lower Upper
43 100
58 38.7 30.9 92.8

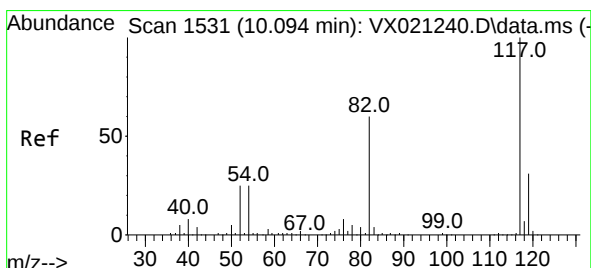
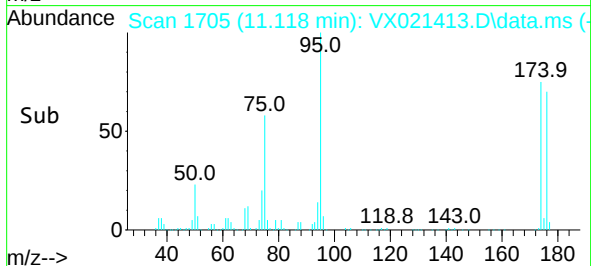
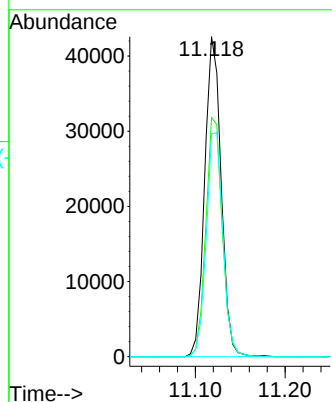
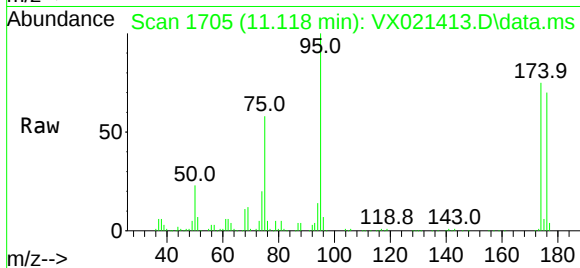




#62
4-Bromofluorobenzene
Concen: 45.21 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX021413.D
Acq: 24 Mar 2021 03:05

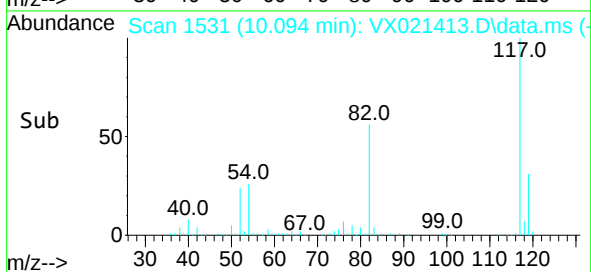
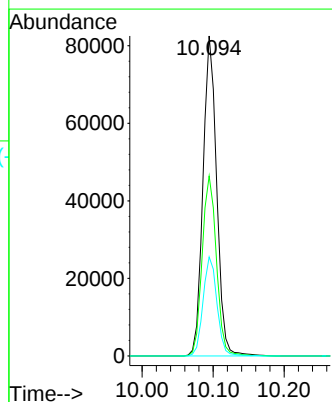
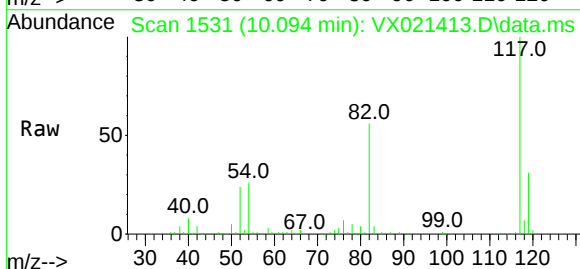
Instrument :
MSVOA_X
ClientSampleId :

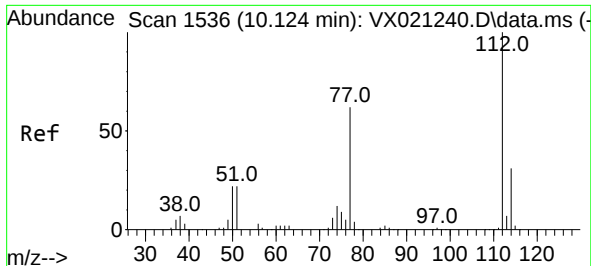
Tgt Ion: 95 Resp: 54117
Ion Ratio Lower Upper
95 100
174 75.1 0.0 154.6
176 71.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021413.D
Acq: 24 Mar 2021 03:05

Tgt Ion: 117 Resp: 110876
Ion Ratio Lower Upper
117 100
82 56.3 47.4 71.2
119 30.9 26.6 39.8

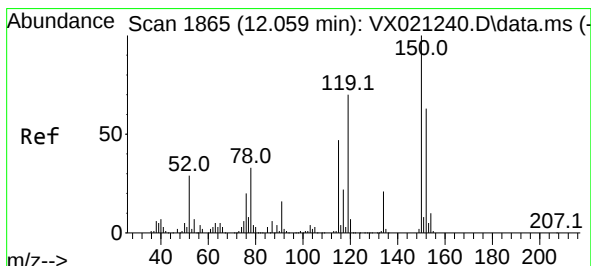
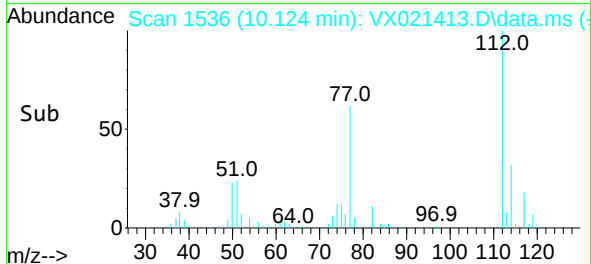
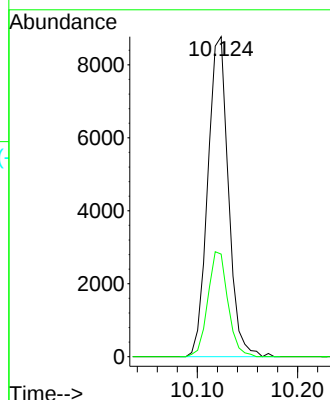
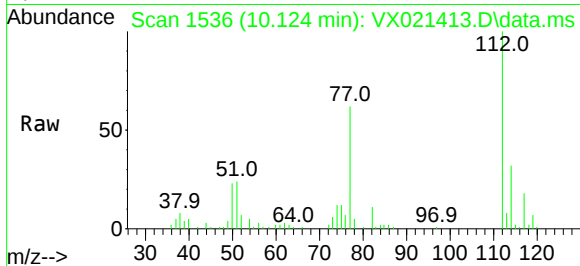




#65
Chlorobenzene
Concen: 5.50 ug/l
RT: 10.124 min Scan# 1536
Delta R.T. -0.000 min
Lab File: VX021413.D
Acq: 24 Mar 2021 03:05

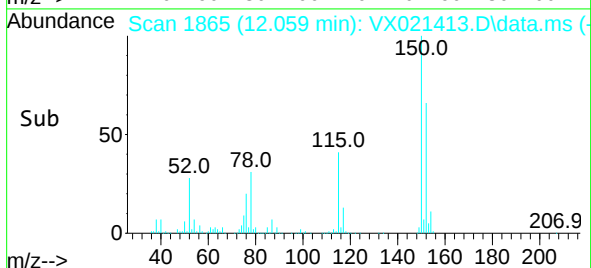
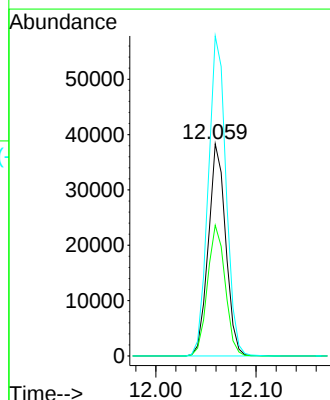
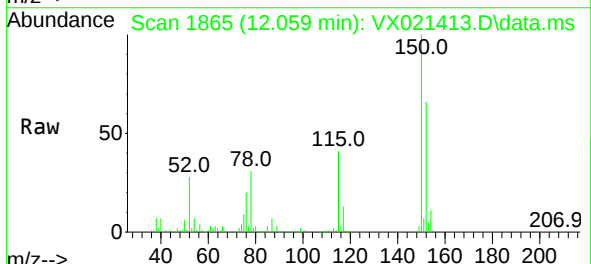
Instrument :
MSVOA_X
ClientSampled :

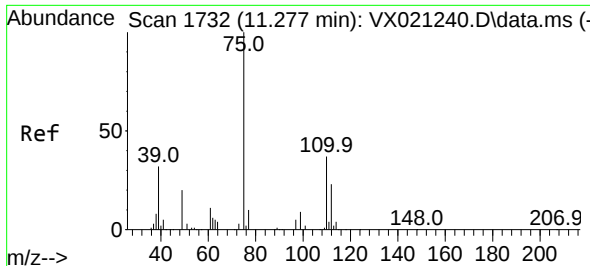
Tgt Ion:112 Resp: 12547
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021413.D
Acq: 24 Mar 2021 03:05

Tgt Ion:152 Resp: 46173
Ion Ratio Lower Upper
152 100
115 62.8 41.1 123.3
150 154.4 0.0 349.0

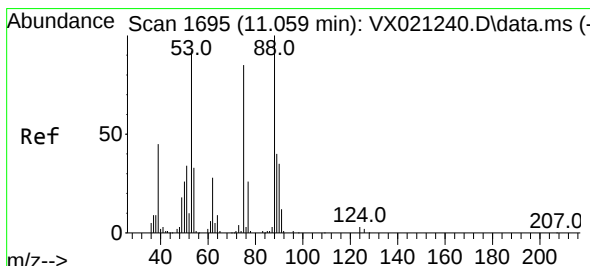
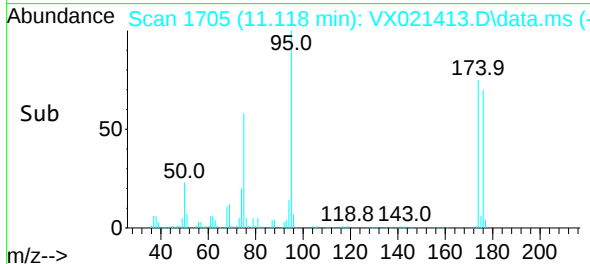
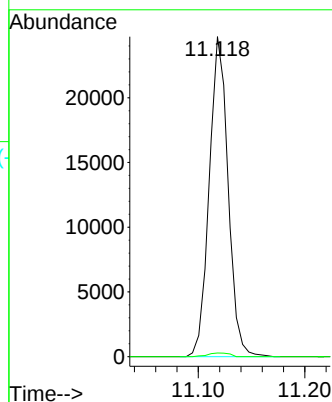
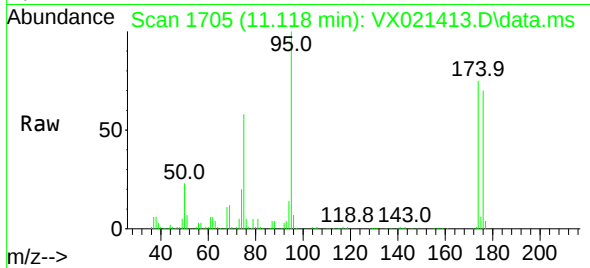




#76
1,2,3-Trichloropropane
Concen: 28.34 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021413.D
Acq: 24 Mar 2021 03:05

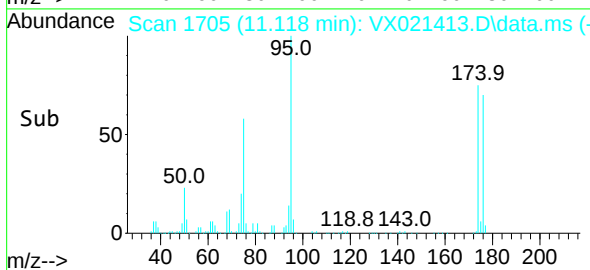
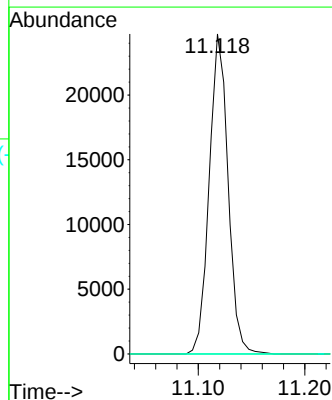
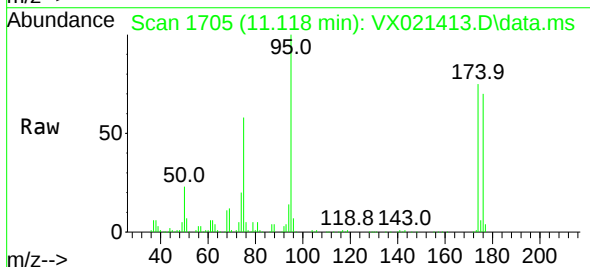
Instrument :
MSVOA_X
ClientSampled :

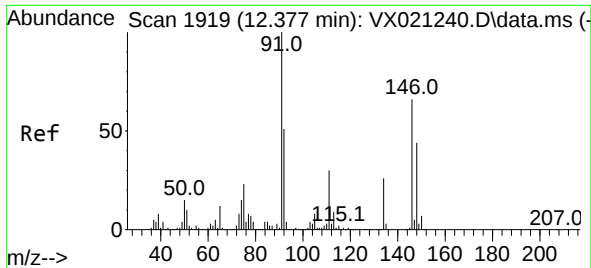
Tgt Ion: 75 Resp: 30359
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.95 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021413.D
Acq: 24 Mar 2021 03:05

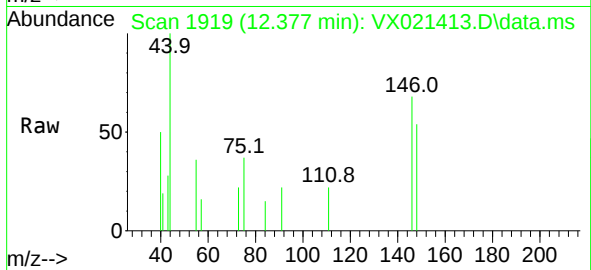
Tgt Ion: 75 Resp: 30359
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#91
 1,2-Dichlorobenzene
 Concen: 0.20 ug/l
 RT: 12.377 min Scan# 1919
 Delta R.T. -0.000 min
 Lab File: VX021413.D
 Acq: 24 Mar 2021 03:05

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	146	Resp:	291
Ion	Ratio	Lower	Upper
146	100		
111	43.6	20.8	62.2
148	63.9	31.9	95.5

