

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061621\
 Data File : VX022717.D
 Acq On : 16 Jun 2021 13:29
 Operator : JC/MD
 Sample : M2678-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-AMND-COMP-D(CL-01A)RE

Quant Time: Jun 17 02:21:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

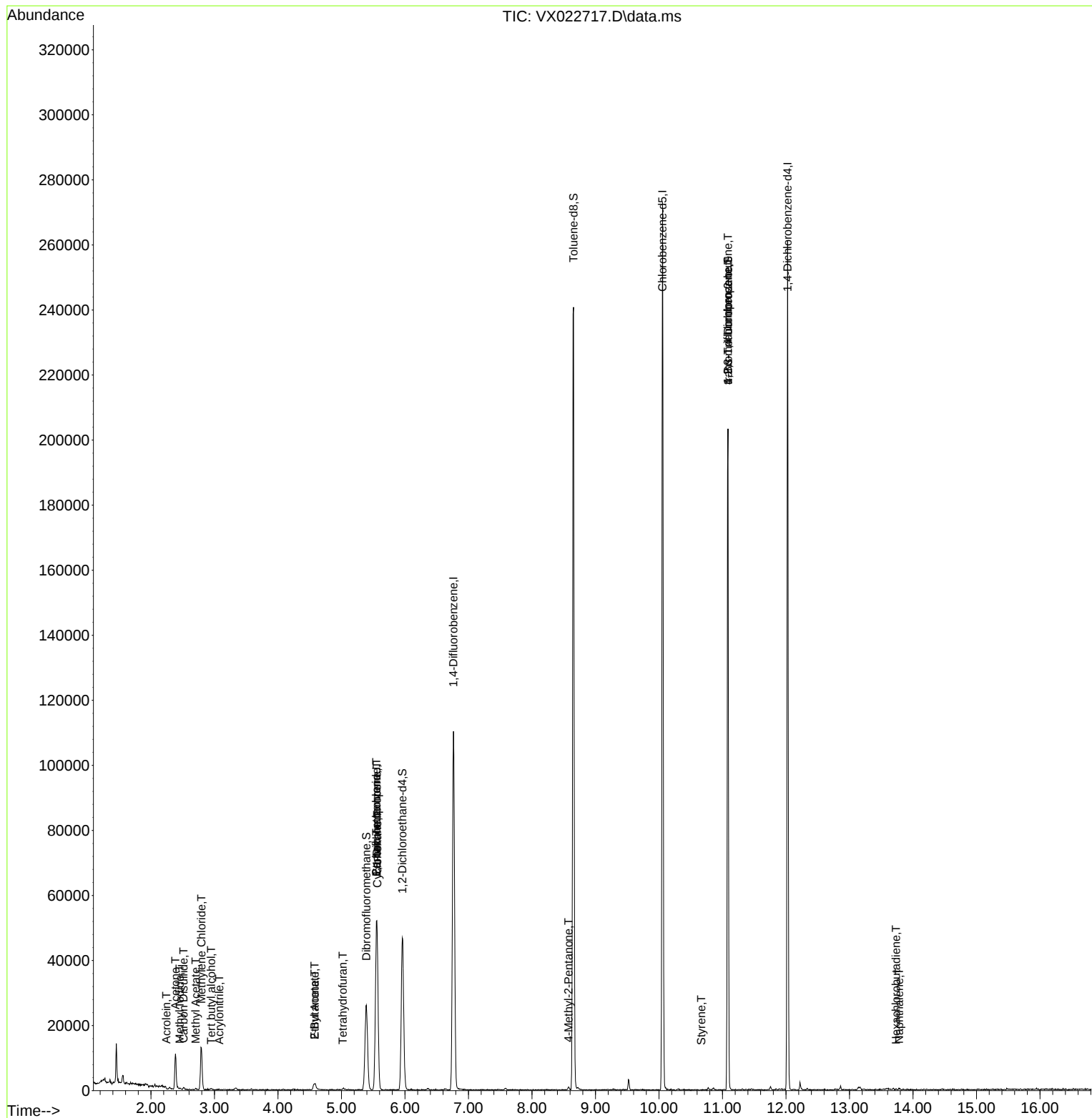
Internal Standards						
1) Pentafluorobenzene	5.550	168	45192	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	107101	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	113012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	45451	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	43468	53.48	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	106.96%		
35) Dibromofluoromethane	5.391	113	22793	33.36	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	66.72%#		
50) Toluene-d8	8.653	98	138859	51.55	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	103.10%		
62) 4-Bromofluorobenzene	11.086	95	54950	53.94	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.88%		
Target Compounds					Qvalue	
10) Methyl Iodide	2.453	142	406	0.65	ug/l #	78
11) Tert butyl alcohol	2.947	59	269	1.43	ug/l #	73
13) Acrolein	2.240	56	56	0.71	ug/l #	12
15) Acrylonitrile	3.075	53	98	0.27	ug/l #	40
16) Acetone	2.386	43	10938	30.05	ug/l	99
17) Carbon Disulfide	2.514	76	722	0.58	ug/l #	75
18) Methyl Acetate	2.703	43	533	0.49	ug/l #	65
20) Methylene Chloride	2.794	84	5695	7.87	ug/l	88
25) 2-Butanone	4.574	43	1992	3.37	ug/l	93
29) Tetrahydrofuran	5.020	42	317	0.92	ug/l #	27
31) Cyclohexane	5.562	56	1300	1.33	ug/l #	48
36) 1,1-Dichloropropene	5.556	75	4400	4.12	ug/l #	48
37) Ethyl Acetate	4.574	43	1992	1.47	ug/l #	64
38) Carbon Tetrachloride	5.550	117	5366	5.88	ug/l #	16
51) 4-Methyl-2-Pentanone	8.574	43	648	0.48	ug/l #	86
70) Styrene	10.665	104	107	1.49	ug/l #	26
76) 1,2,3-Trichloropropane	11.086	75	30192	25.05	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.086	75	30192	63.07	ug/l #	12
94) Hexachlorobutadiene	13.731	225	70	0.22	ug/l #	19
95) Naphthalene	13.780	128	479	1.59	ug/l #	69

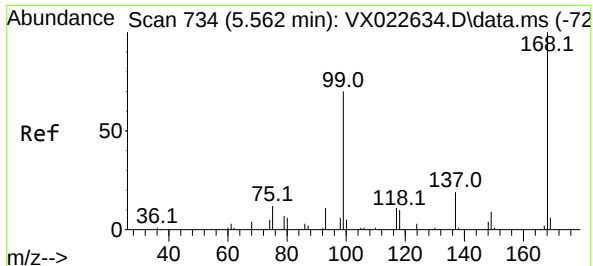
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SPLP-AMND-COMP-D(CL-01A)RE

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Quant Title : SW846 8260
QLast Update : Thu Jun 10 12:20:00 2021
Response via : Initial Calibration

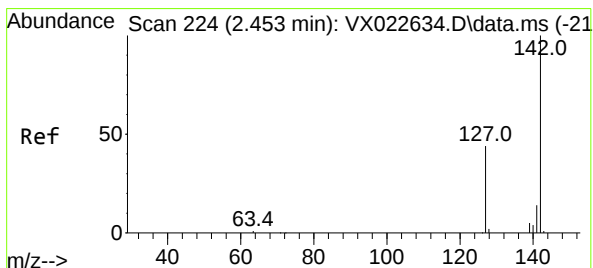
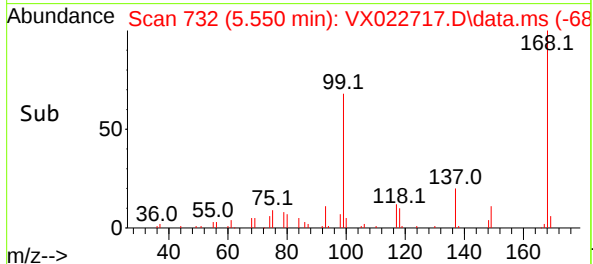
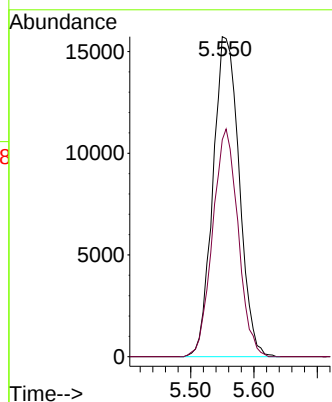
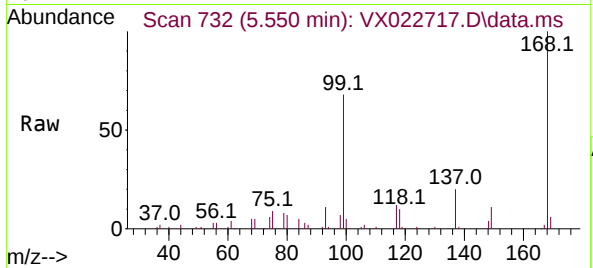




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.012 min
Lab File: VX022717.D
Acq: 16 Jun 2021 13:29

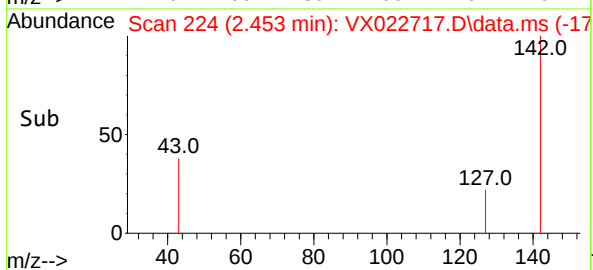
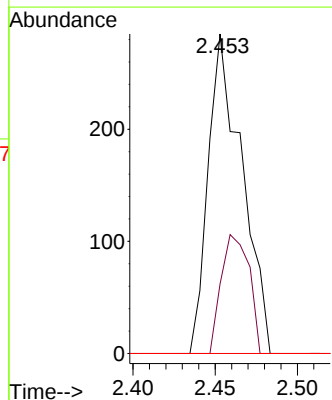
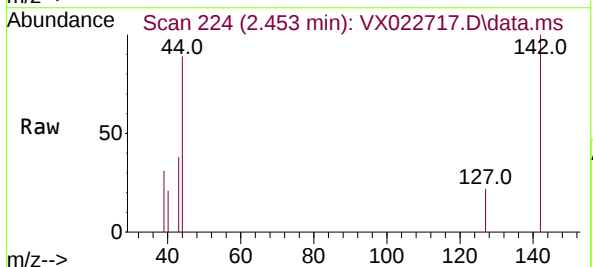
Instrument :
MSVOA_X
ClientSampleId :
SPLP-AMND-COMP-D(CL-01A)RE

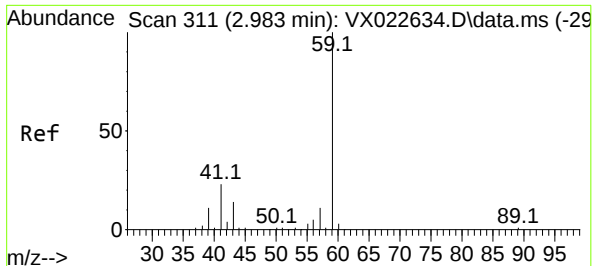
Tgt Ion:168 Resp: 45192
Ion Ratio Lower Upper
168 100
99 67.8 45.8 68.6



#10
Methyl Iodide
Concen: 0.65 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX022717.D
Acq: 16 Jun 2021 13:29

Tgt Ion:142 Resp: 406
Ion Ratio Lower Upper
142 100
127 30.8 33.3 49.9#
141 0.0 11.4 17.0#



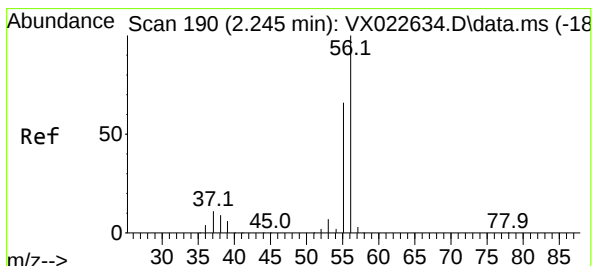
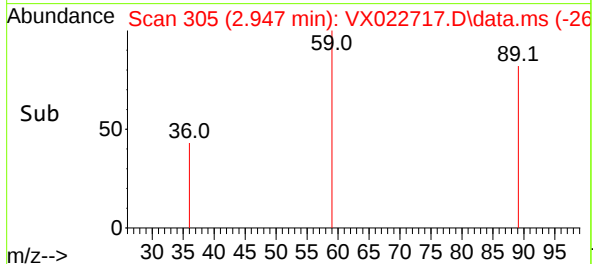
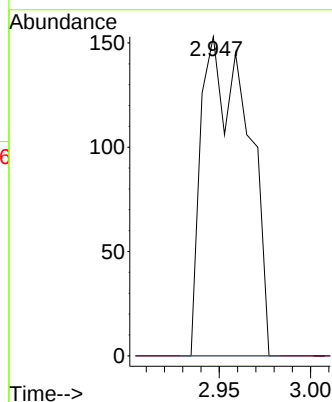
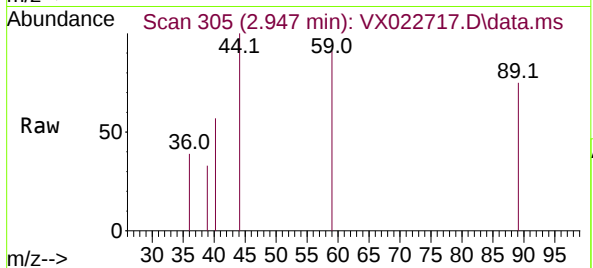


#11

Tert butyl alcohol
Concen: 1.43 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX022717.D
Acq: 16 Jun 2021 13:29

Instrument :
MSVOA_X
ClientSampleId :
SPLP-AMND-COMP-D(CL-01A)RE

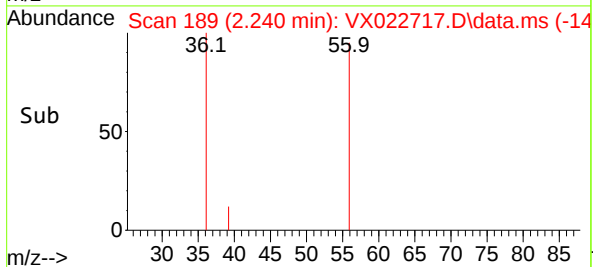
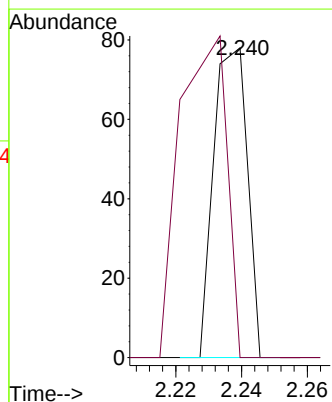
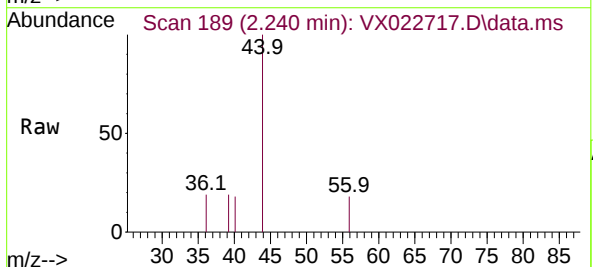
Tgt Ion: 59 Resp: 269
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

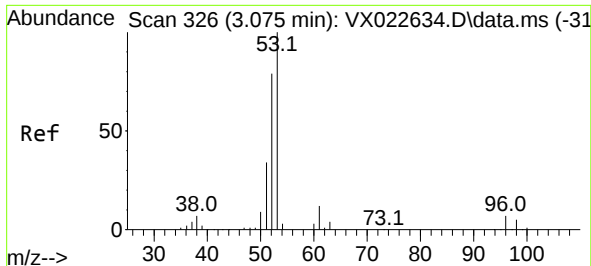


#13

Acrolein
Concen: 0.71 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.001 min
Lab File: VX022717.D
Acq: 16 Jun 2021 13:29

Tgt Ion: 56 Resp: 56
Ion Ratio Lower Upper
56 100
55 142.9 56.4 84.6#

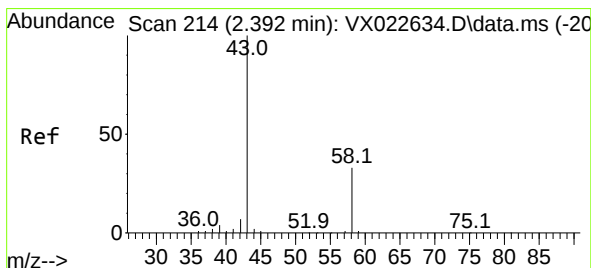
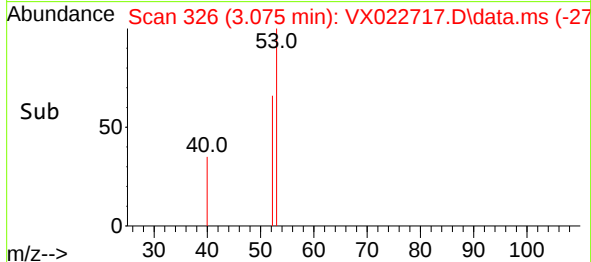
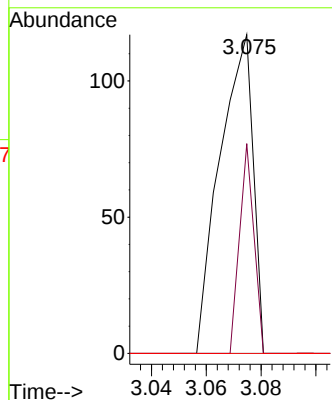
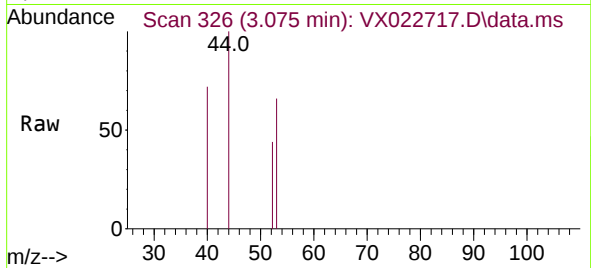




#15
Acrylonitrile
Concen: 0.27 ug/l
RT: 3.075 min Scan# 326
Delta R.T. -0.000 min
Lab File: VX022717.D
Acq: 16 Jun 2021 13:29

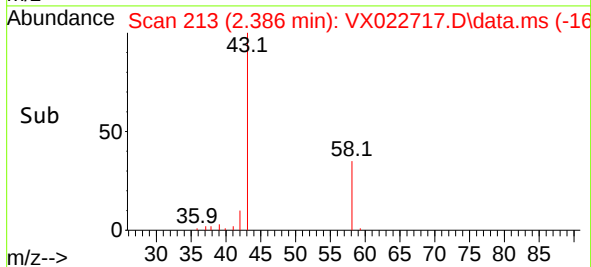
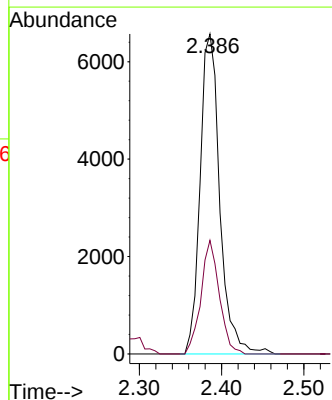
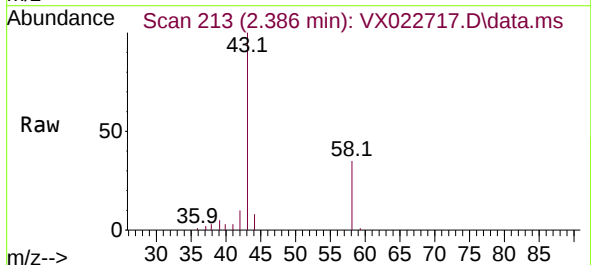
Instrument :
MSVOA_X
ClientSampleId :
SPLP-AMND-COMP-D(CL-01A)RE

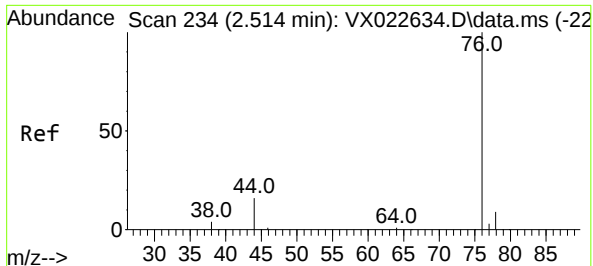
Tgt Ion: 53	Resp: 98
Ion Ratio	Lower Upper
53	100
52	28.6 65.3 97.9#
51	0.0 28.2 42.2#



#16
Acetone
Concen: 30.05 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022717.D
Acq: 16 Jun 2021 13:29

Tgt Ion: 43	Resp: 10938
Ion Ratio	Lower Upper
43	100
58	35.5 27.8 41.8

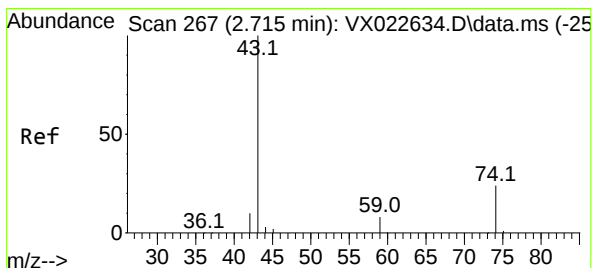
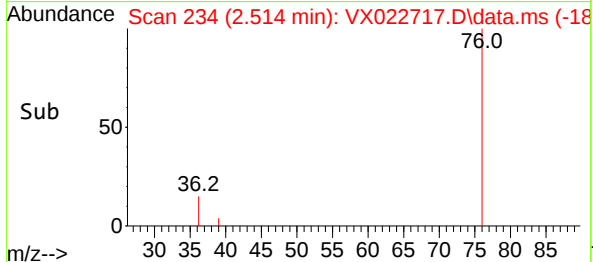
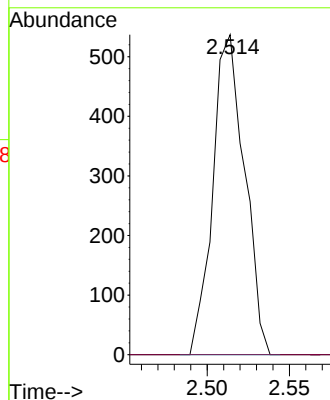
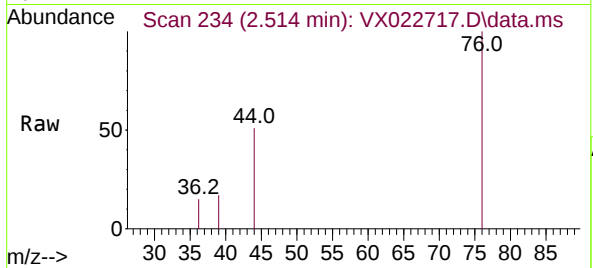




#17
Carbon Disulfide
Concen: 0.58 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022717.D
Acq: 16 Jun 2021 13:29

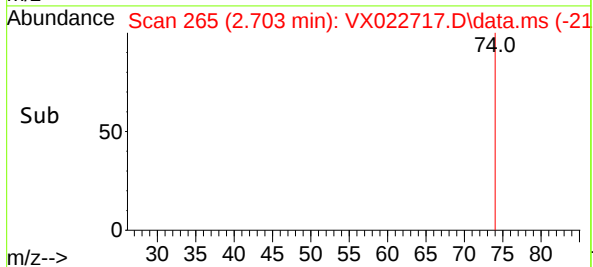
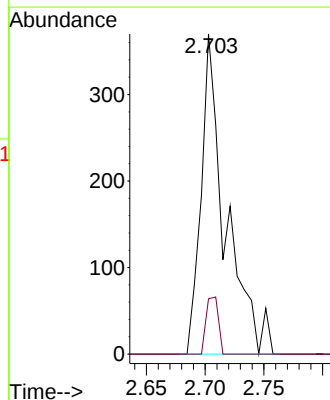
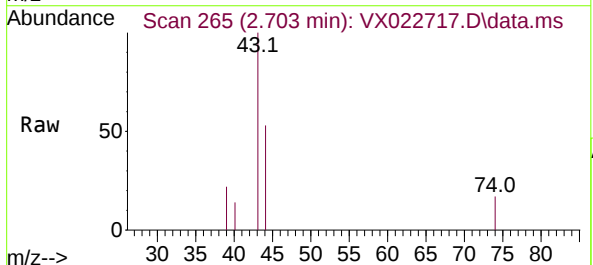
Instrument :
MSVOA_X
ClientSampleId :
SPLP-AMND-COMP-D(CL-01A)RE

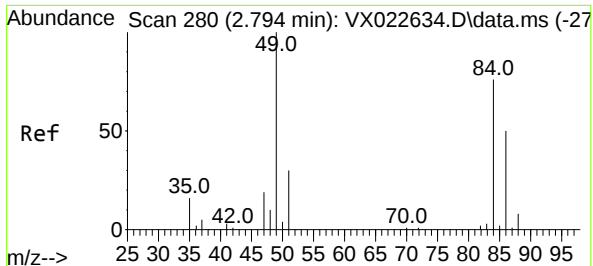
Tgt Ion: 76 Resp: 722
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.49 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX022717.D
Acq: 16 Jun 2021 13:29

Tgt Ion: 43 Resp: 533
Ion Ratio Lower Upper
43 100
74 9.0 21.9 32.9#





#20

Methylene Chloride

Concen: 7.87 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022717.D

Acq: 16 Jun 2021 13:29

Tgt Ion: 84 Resp: 5695

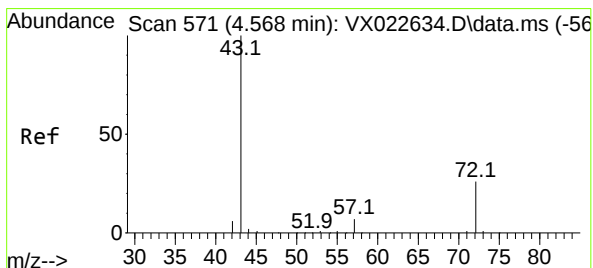
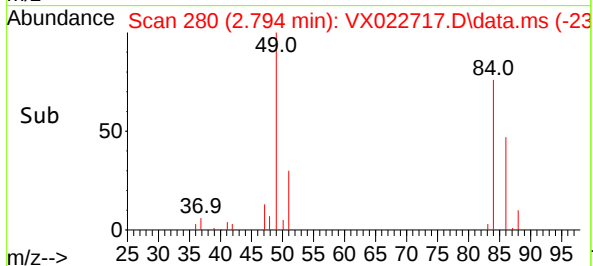
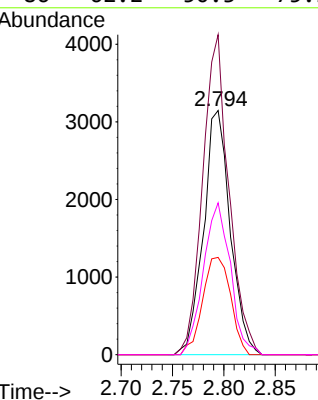
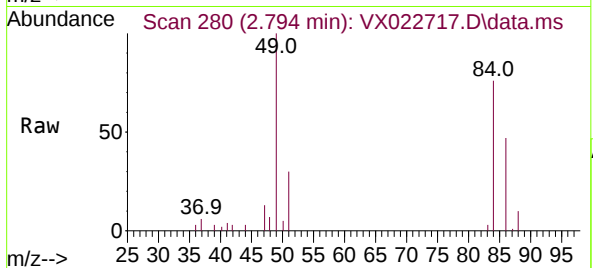
Ion Ratio Lower Upper

84 100

49 131.1 88.6 132.8

51 39.9 27.0 40.6

86 62.2 50.3 75.5



#25

2-Butanone

Concen: 3.37 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.006 min

Lab File: VX022717.D

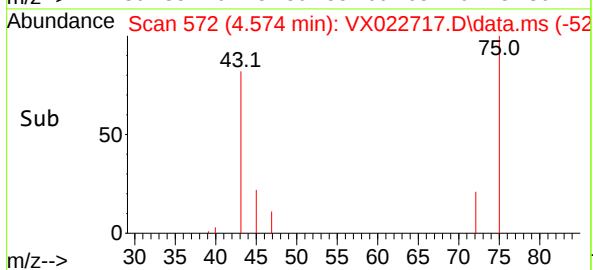
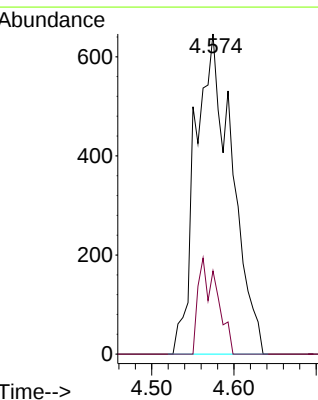
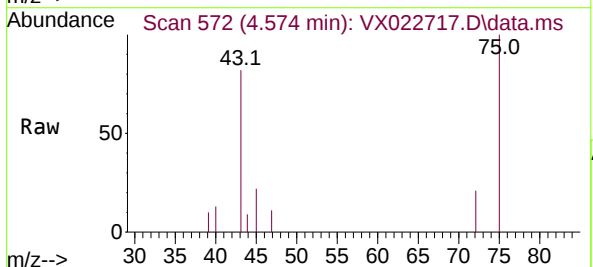
Acq: 16 Jun 2021 13:29

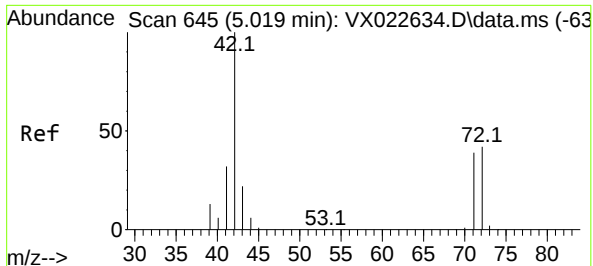
Tgt Ion: 43 Resp: 1992

Ion Ratio Lower Upper

43 100

72 26.0 23.7 35.5





#29

Tetrahydrofuran

Concen: 0.92 ug/l

RT: 5.020 min Scan# 645

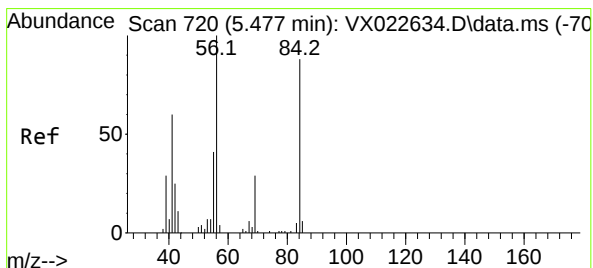
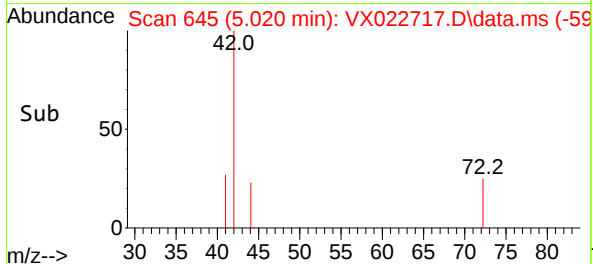
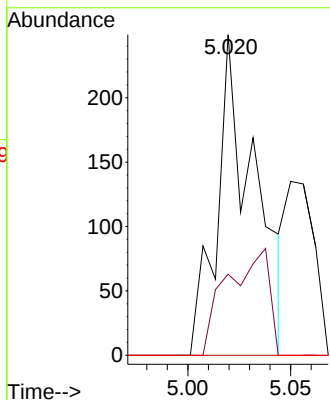
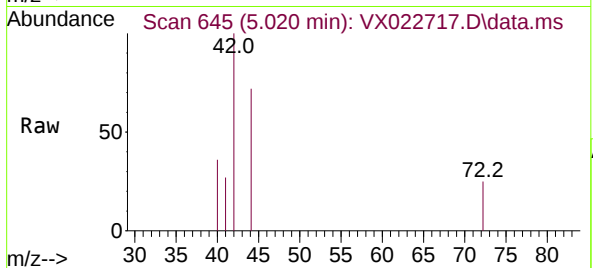
Delta R.T. 0.007 min

Lab File: VX022717.D

Acq: 16 Jun 2021 13:29

Tgt Ion: 42	Resp:	317
Ion	Ratio	Lower Upper
42	100	
72	0.0	41.7 62.5#
71	0.0	38.4 57.6#

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#31

Cyclohexane

Concen: 1.33 ug/l

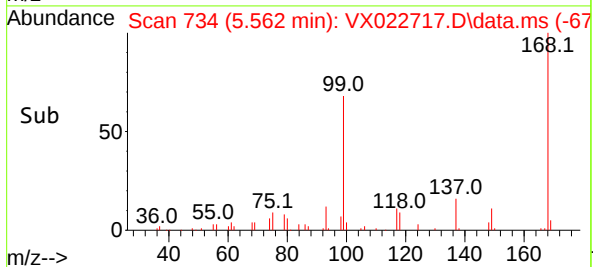
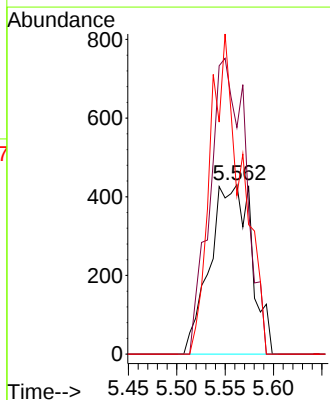
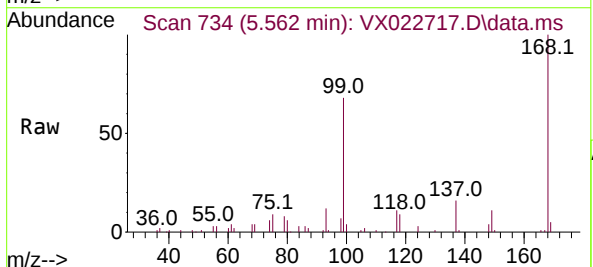
RT: 5.562 min Scan# 734

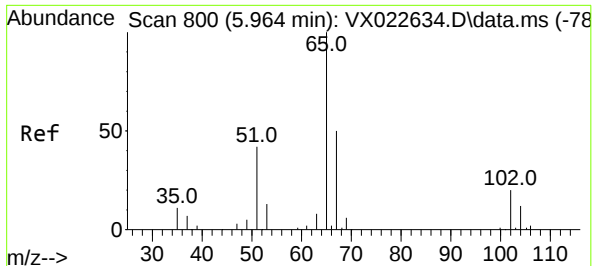
Delta R.T. 0.085 min

Lab File: VX022717.D

Acq: 16 Jun 2021 13:29

Tgt Ion: 56	Resp:	1300
Ion	Ratio	Lower Upper
56	100	
69	133.6	25.3 37.9#
84	93.5	71.4 107.0



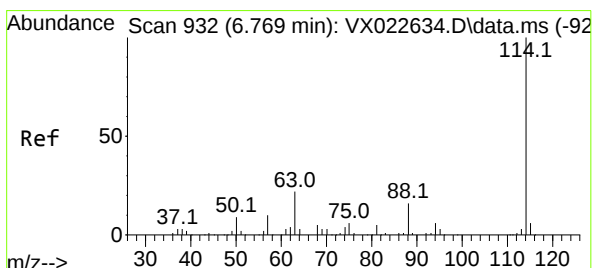
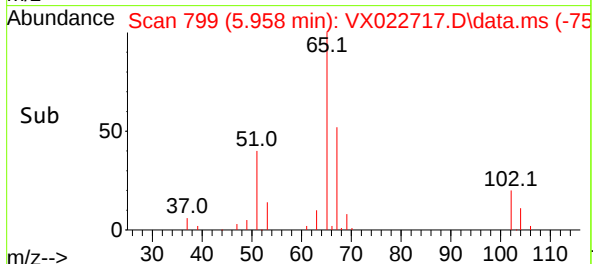
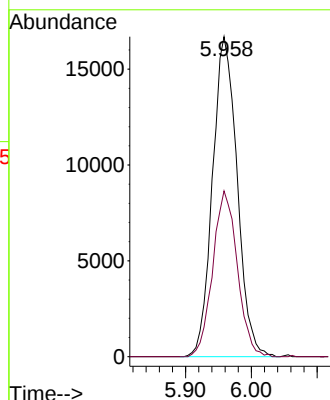
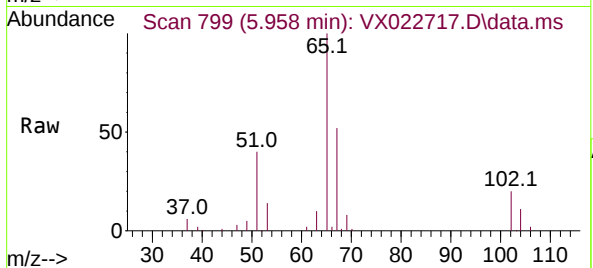


#33

1,2-Dichloroethane-d4
Concen: 53.48 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX022717.D
Acq: 16 Jun 2021 13:29

Instrument :
MSVOA_X
ClientSampleId :
SPLP-AMND-COMP-D(CL-01A)RE

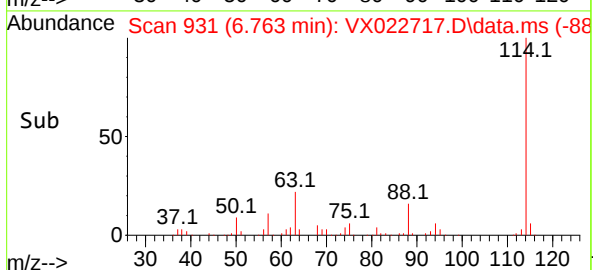
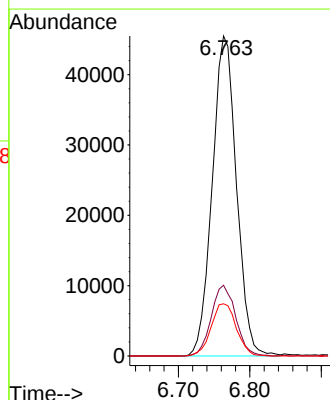
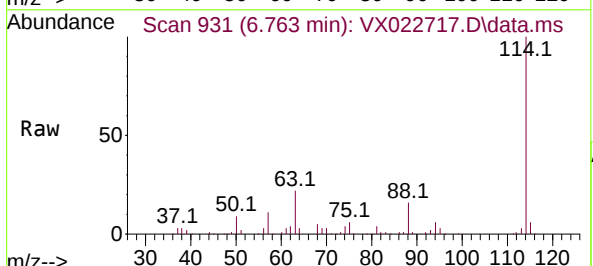
Tgt Ion: 65 Resp: 43468
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.4

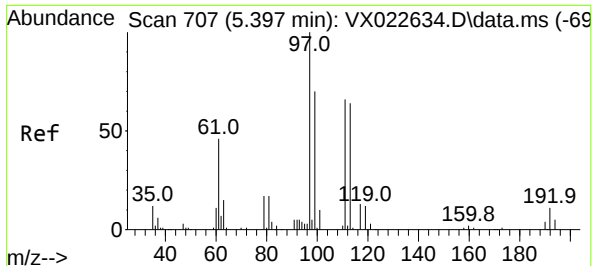


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX022717.D
Acq: 16 Jun 2021 13:29

Tgt Ion: 114 Resp: 107101
Ion Ratio Lower Upper
114 100
63 22.1 0.0 40.8
88 16.3 0.0 32.8

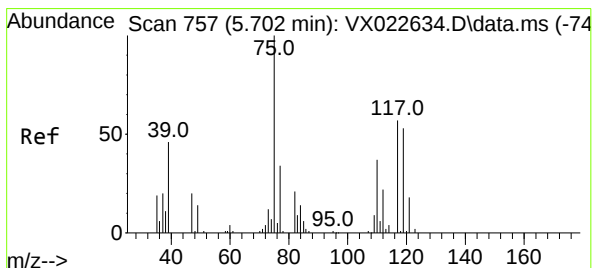
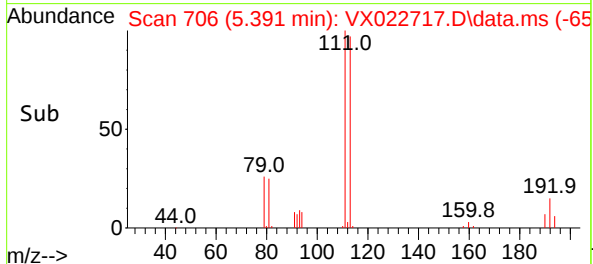
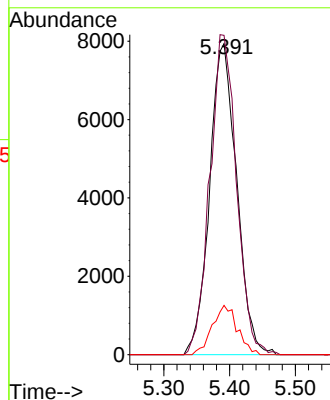
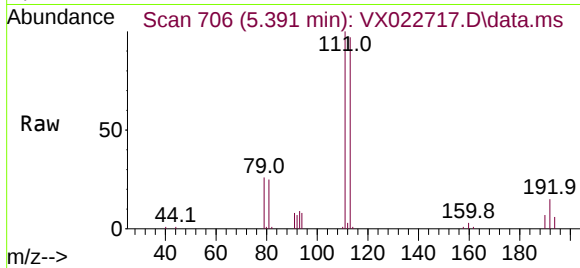




#35
Dibromofluoromethane
Concen: 33.36 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022717.D
Acq: 16 Jun 2021 13:29

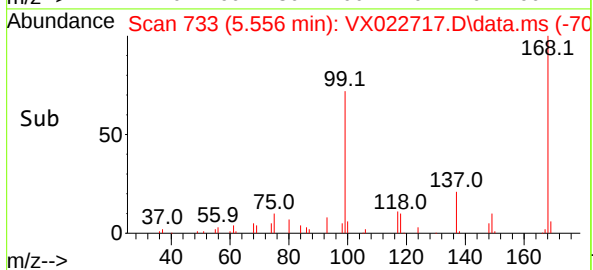
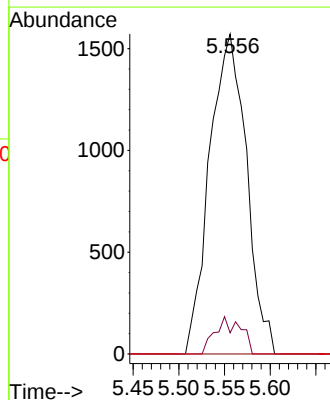
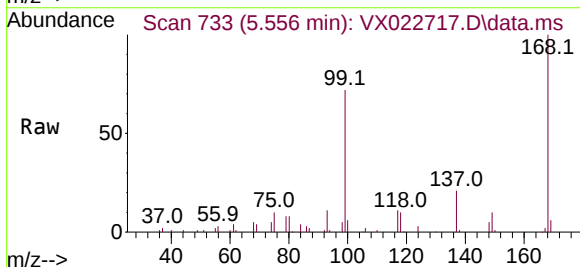
Instrument :
MSVOA_X
ClientSampleId :
SPLP-AMND-COMP-D(CL-01A)RE

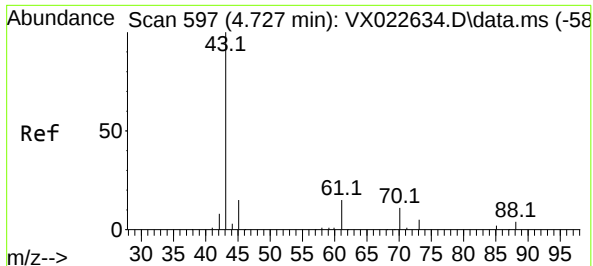
Tgt Ion:113 Resp: 22793
Ion Ratio Lower Upper
113 100
111 101.3 81.9 122.9
192 14.7 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 4.12 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022717.D
Acq: 16 Jun 2021 13:29

Tgt Ion: 75 Resp: 4400
Ion Ratio Lower Upper
75 100
110 8.1 18.1 54.4#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 1.47 ug/l

RT: 4.574 min Scan# 572

Delta R.T. -0.153 min

Lab File: VX022717.D

Acq: 16 Jun 2021 13:29

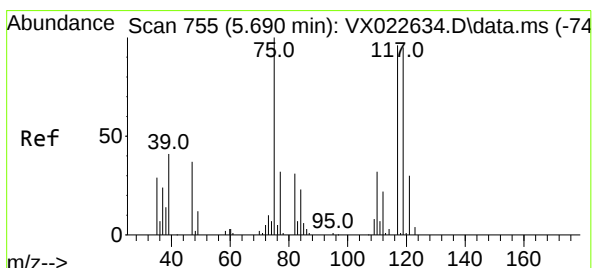
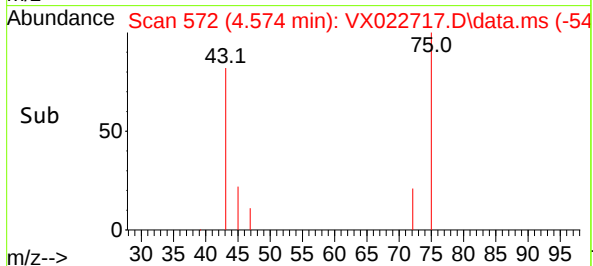
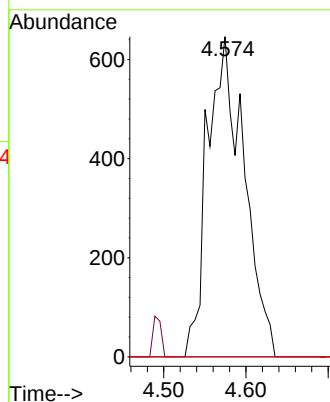
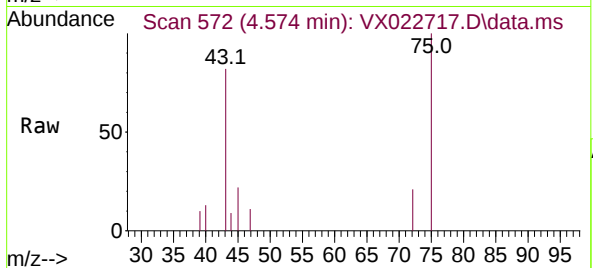
Tgt Ion:	43	Resp:	1992
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.8	19.2#
70	0.0	10.5	15.7#

Instrument :

MSVOA_X

ClientSampleId :

SPLP-AMND-COMP-D(CL-01A)RE



#38

Carbon Tetrachloride

Concen: 5.88 ug/l

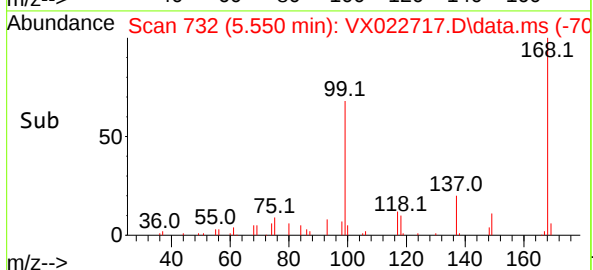
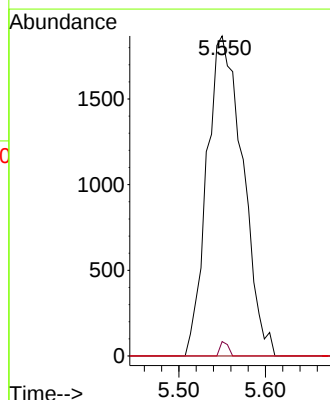
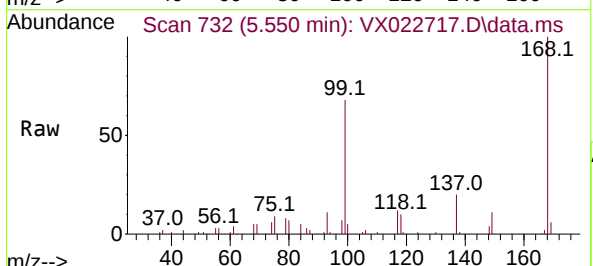
RT: 5.550 min Scan# 732

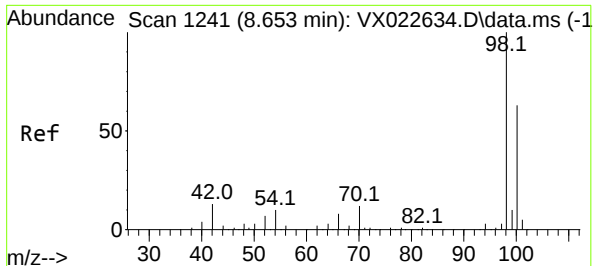
Delta R.T. -0.128 min

Lab File: VX022717.D

Acq: 16 Jun 2021 13:29

Tgt Ion:	117	Resp:	5366
Ion	Ratio	Lower	Upper
117	100		
119	4.5	76.2	114.2#
121	0.0	24.8	37.2#

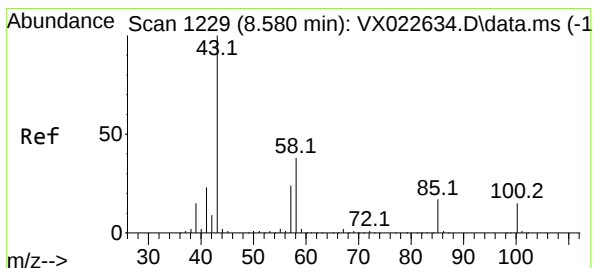
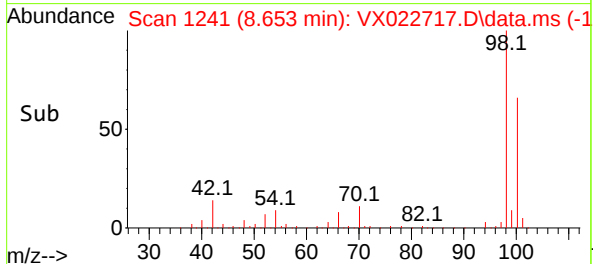
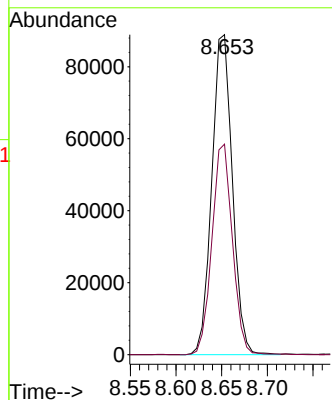
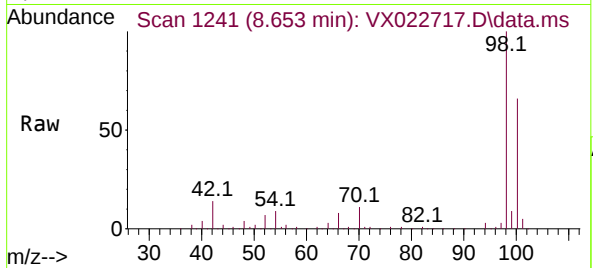




#50
Toluene-d8
Concen: 51.55 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX022717.D
Acq: 16 Jun 2021 13:29

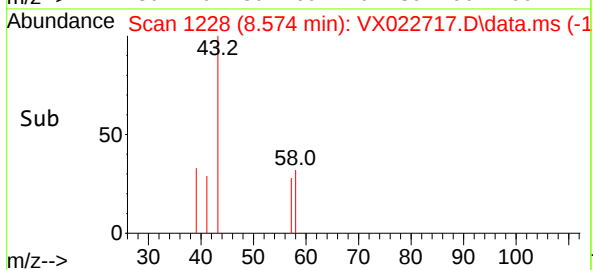
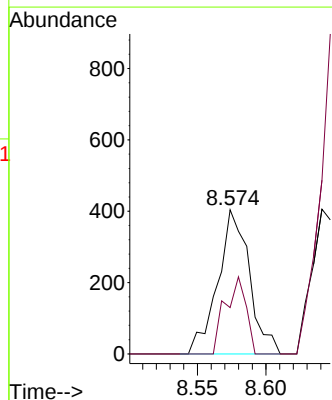
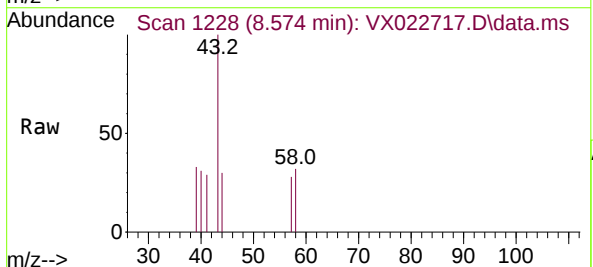
Instrument :
MSVOA_X
ClientSampleId :
SPLP-AMND-COMP-D(CL-01A)RE

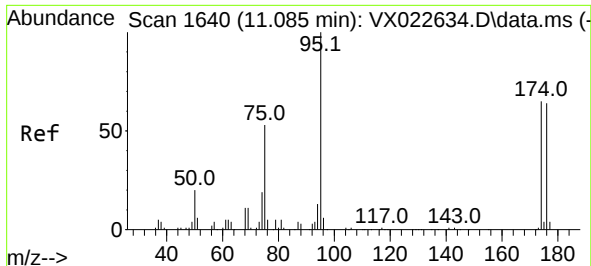
Tgt Ion: 98 Resp: 138859
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.48 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX022717.D
Acq: 16 Jun 2021 13:29

Tgt Ion: 43 Resp: 648
Ion Ratio Lower Upper
43 100
58 35.3 35.4 53.0#

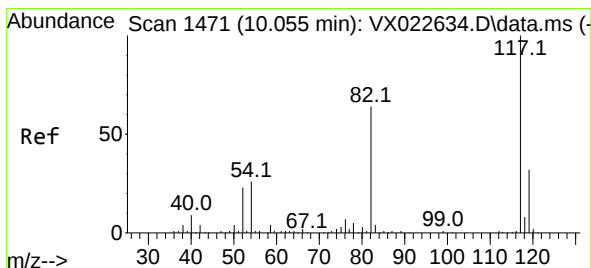
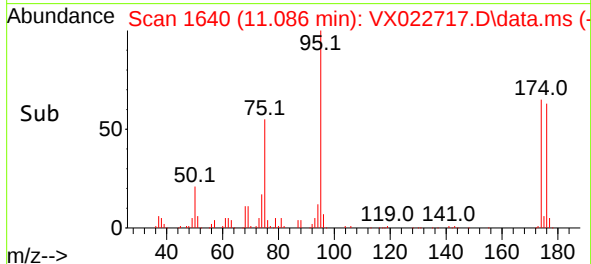
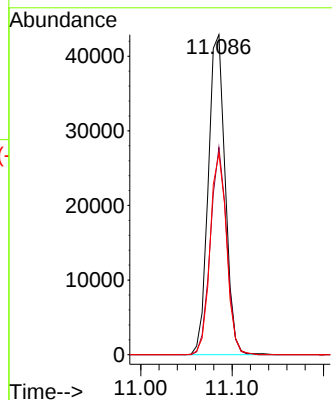
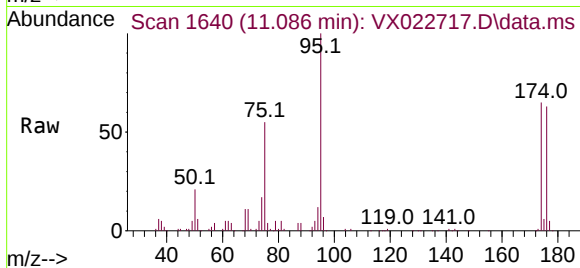




#62
4-Bromofluorobenzene
Concen: 53.94 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.001 min
Lab File: VX022717.D
Acq: 16 Jun 2021 13:29

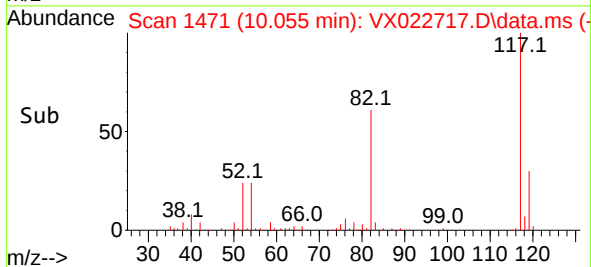
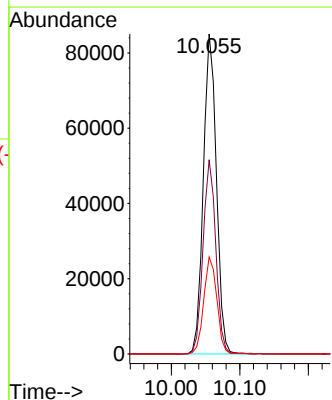
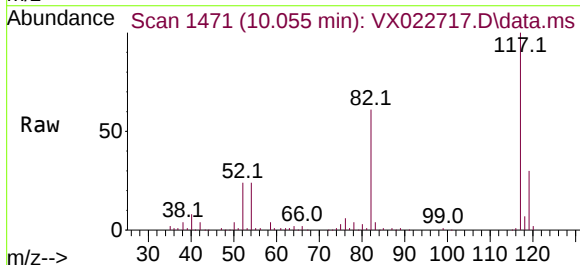
Instrument :
MSVOA_X
ClientSampleId :
SPLP-AMND-COMP-D(CL-01A)RE

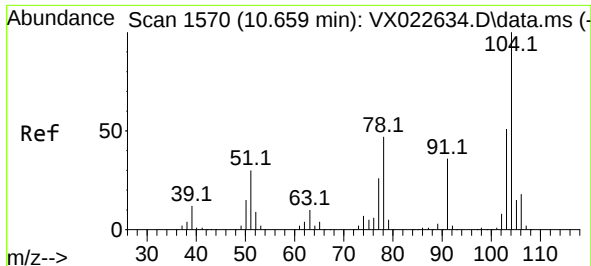
Tgt Ion: 95 Resp: 54950
Ion Ratio Lower Upper
95 100
174 62.4 0.0 154.6
176 61.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022717.D
Acq: 16 Jun 2021 13:29

Tgt Ion: 117 Resp: 113012
Ion Ratio Lower Upper
117 100
82 60.7 47.4 71.2
119 30.3 26.6 39.8

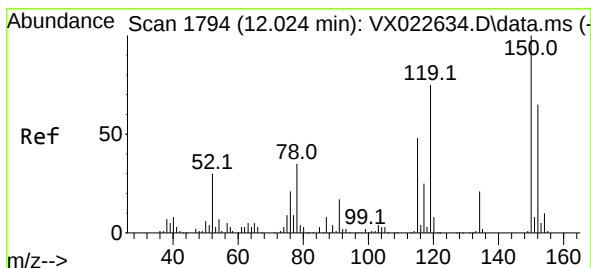
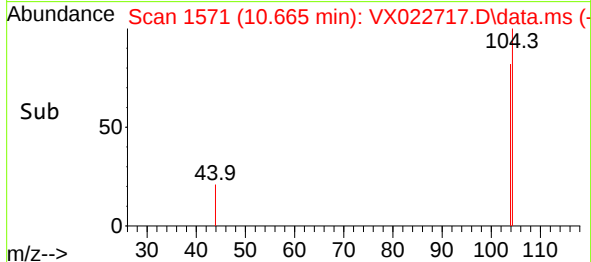
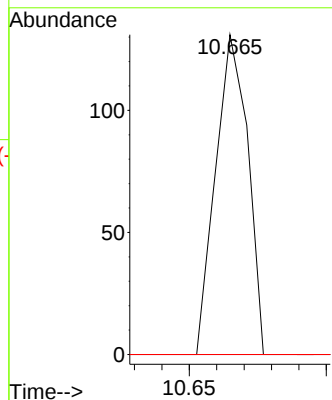
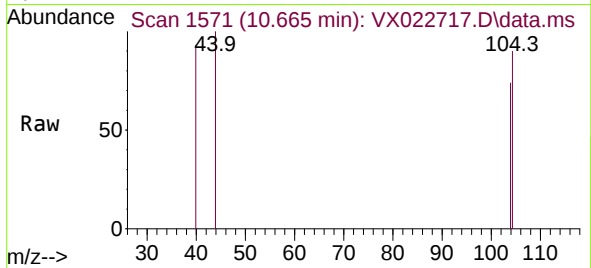




#70
Styrene
Concen: 1.49 ug/l
RT: 10.665 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VX022717.D
Acq: 16 Jun 2021 13:29

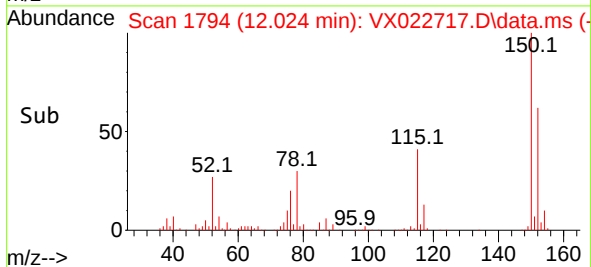
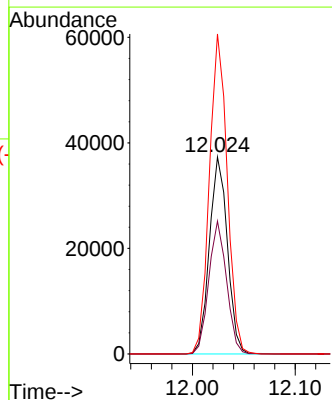
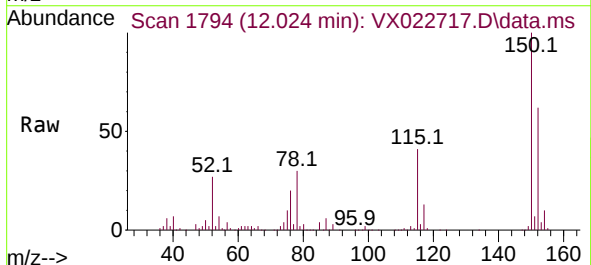
Instrument :
MSVOA_X
ClientSampleId :
SPLP-AMND-COMP-D(CL-01A)RE

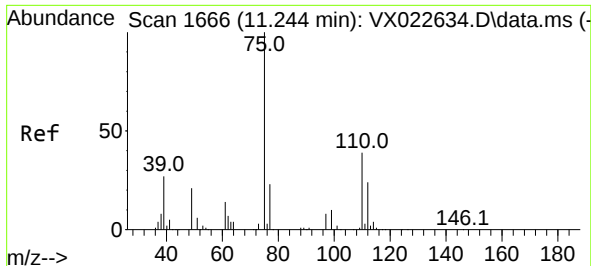
Tgt Ion:104 Resp: 107
Ion Ratio Lower Upper
104 100
78 0.0 40.0 60.0#
103 0.0 43.4 65.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022717.D
Acq: 16 Jun 2021 13:29

Tgt Ion:152 Resp: 45451
Ion Ratio Lower Upper
152 100
115 66.4 41.1 123.3
150 160.6 0.0 349.0

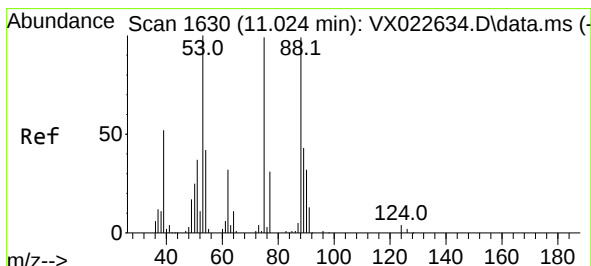
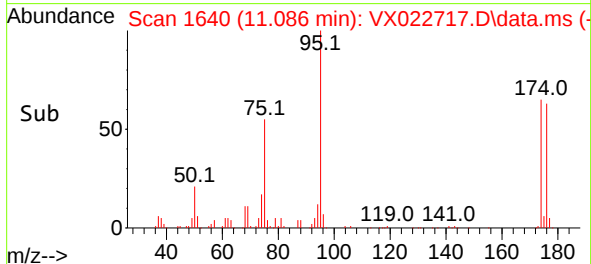
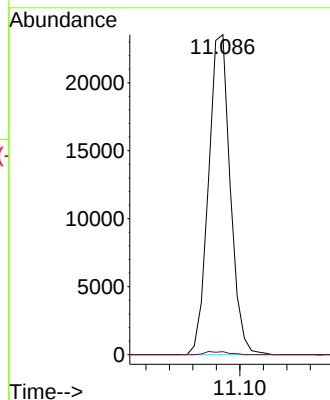
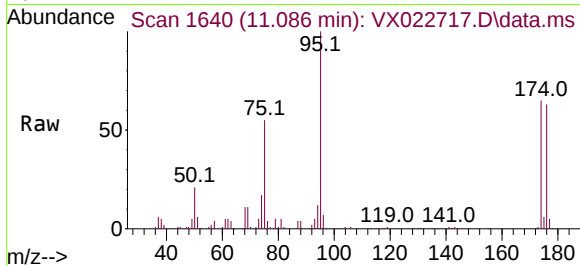




#76
1,2,3-Trichloropropane
Concen: 25.05 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX022717.D
Acq: 16 Jun 2021 13:29

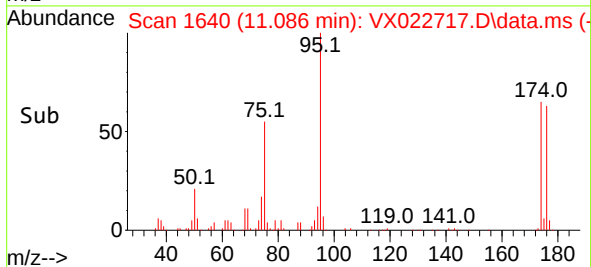
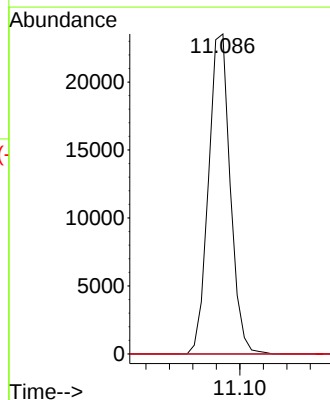
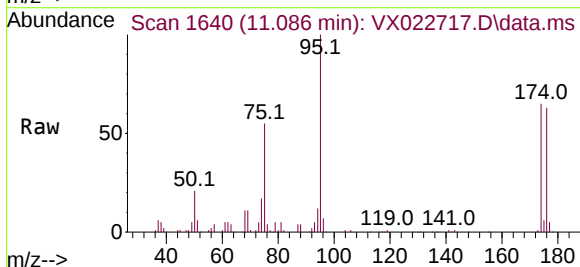
Instrument :
MSVOA_X
ClientSampleId :
SPLP-AMND-COMP-D(CL-01A)RE

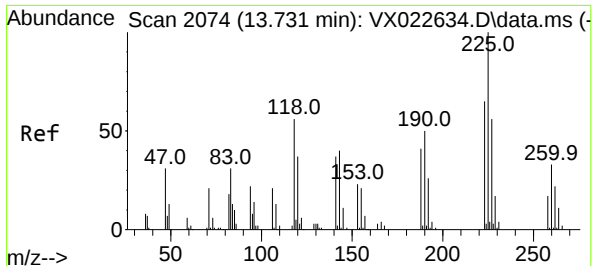
Tgt Ion: 75 Resp: 30192
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.07 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.062 min
Lab File: VX022717.D
Acq: 16 Jun 2021 13:29

Tgt Ion: 75 Resp: 30192
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

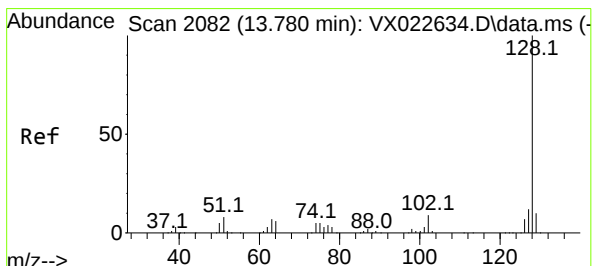
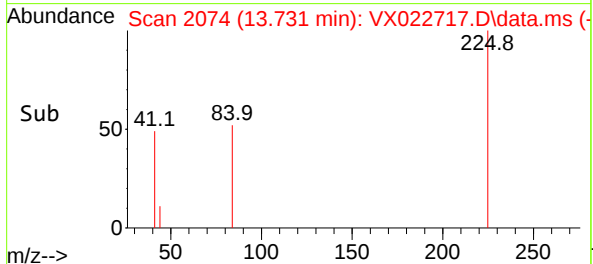
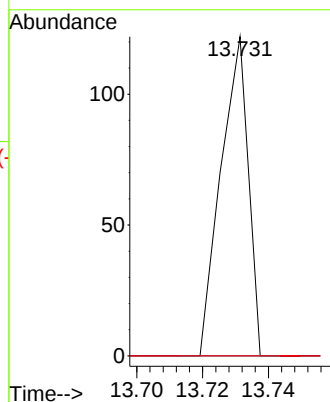
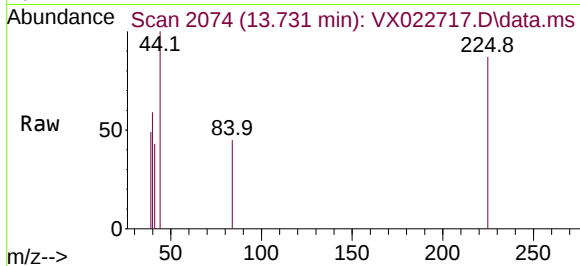




#94
Hexachlorobutadiene
Concen: 0.22 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VX022717.D
Acq: 16 Jun 2021 13:29

Instrument :
MSVOA_X
ClientSampleId :
SPLP-AMND-COMP-D(CL-01A)RE

Tgt Ion:225 Resp: 70
Ion Ratio Lower Upper
225 100
223 0.0 31.1 93.2#
227 0.0 31.6 95.0#



#95
Naphthalene
Concen: 1.59 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022717.D
Acq: 16 Jun 2021 13:29

Tgt Ion:128 Resp: 479
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

