

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012722\
 Data File : VX026621.D
 Acq On : 27 Jan 2022 13:59
 Operator : JC/MD
 Sample : N1286-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-14

Quant Time: Jan 28 04:25:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

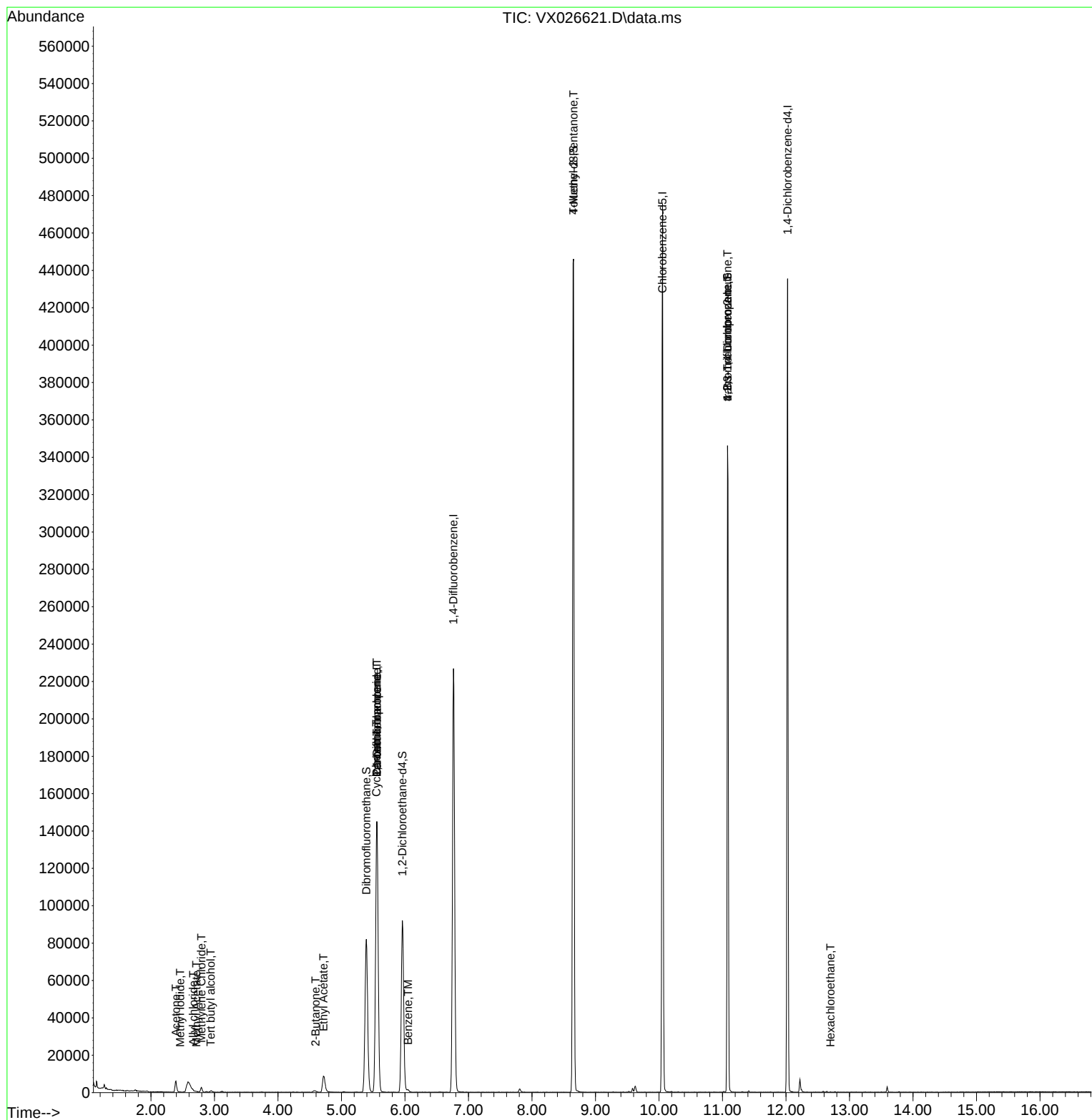
Internal Standards						
1) Pentafluorobenzene	5.556	168	136800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	233014	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86219	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89444	46.805	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.600%
35) Dibromofluoromethane	5.391	113	72387	48.106	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.220%
50) Toluene-d8	8.653	98	270557	49.896	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.800%
62) 4-Bromofluorobenzene	11.079	95	96874	50.292	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.580%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.459	142	143	4.526	ug/l #	37
11) Tert butyl alcohol	2.941	59	631	2.374	ug/l #	75
14) Allyl chloride	2.666	41	546	0.208	ug/l #	56
16) Acetone	2.392	43	7269	7.459	ug/l	93
18) Methyl Acetate	2.715	43	529	0.273	ug/l #	61
20) Methylene Chloride	2.794	84	1085	0.674	ug/l #	78
25) 2-Butanone	4.593	43	511	0.403	ug/l #	50
31) Cyclohexane	5.550	56	2739	0.972	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	11027	4.642	ug/l #	50
37) Ethyl Acetate	4.715	43	16386	6.819	ug/l	99
38) Carbon Tetrachloride	5.556	117	13975	5.719	ug/l #	16
40) Benzene	6.050	78	1658	0.253	ug/l	95
51) 4-Methyl-2-Pentanone	8.653	43	1204	0.523	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	48403	25.497	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	48403	77.403	ug/l #	3
90) Hexachloroethane	12.701	117	167	2.340	ug/l #	14

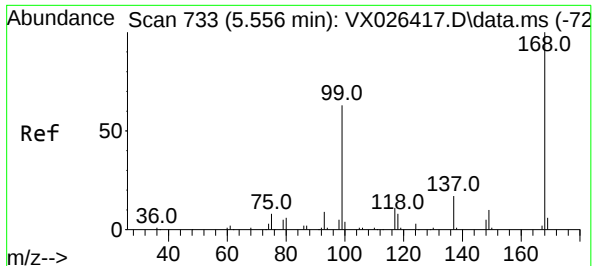
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 28 04:25:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
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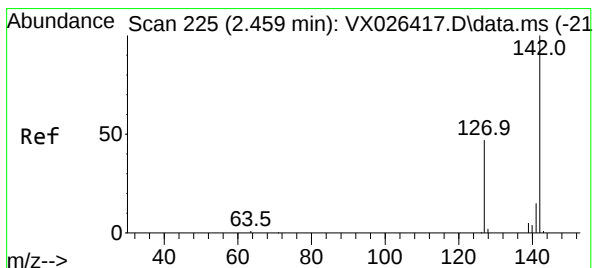
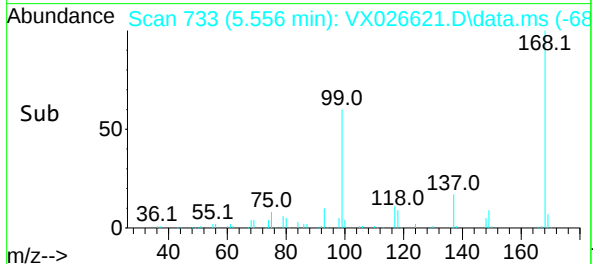
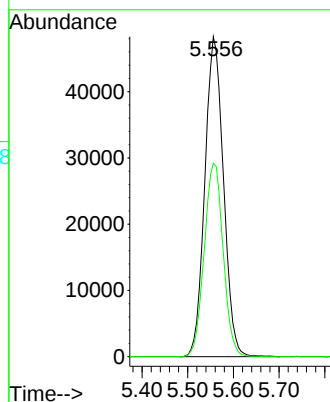
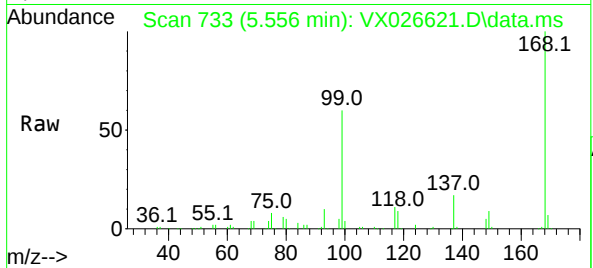




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.000 min
Lab File: VX026621.D
Acq: 27 Jan 2022 13:59

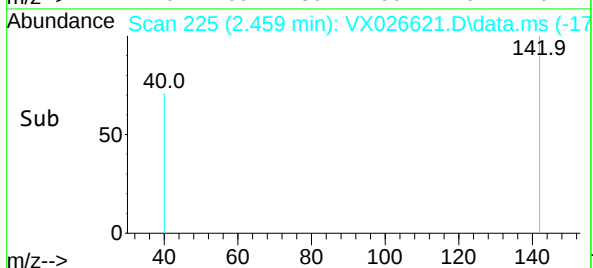
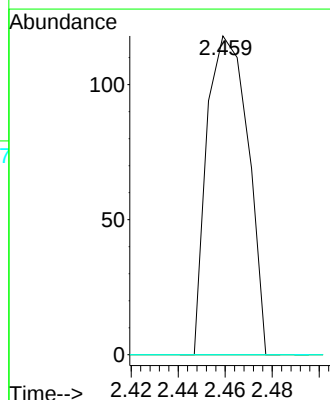
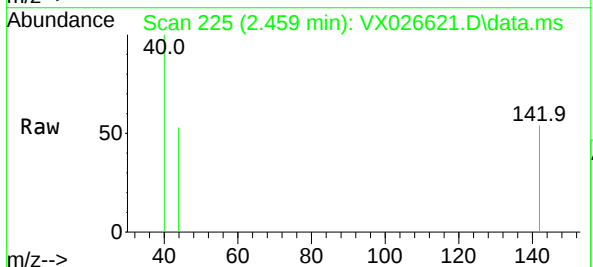
Instrument :
MSVOA_X
ClientSampleId :
SP-14

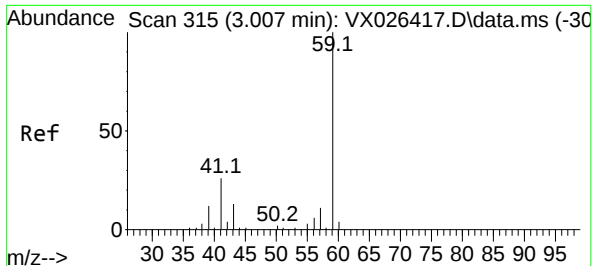
Tgt Ion:168 Resp: 136800
Ion Ratio Lower Upper
168 100
99 60.4 50.3 75.5



#10
Methyl Iodide
Concen: 4.526 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX026621.D
Acq: 27 Jan 2022 13:59

Tgt Ion:142 Resp: 143
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#





#11

Tert butyl alcohol

Concen: 2.374 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.066 min

Lab File: VX026621.D

Acq: 27 Jan 2022 13:59

Instrument :

MSVOA_X

ClientSampleId :

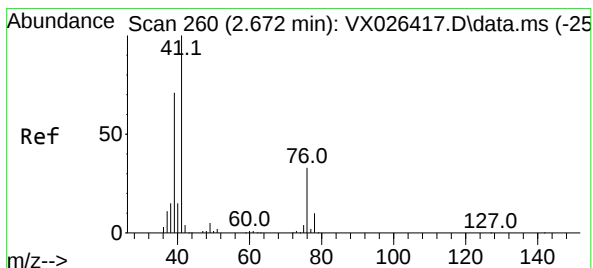
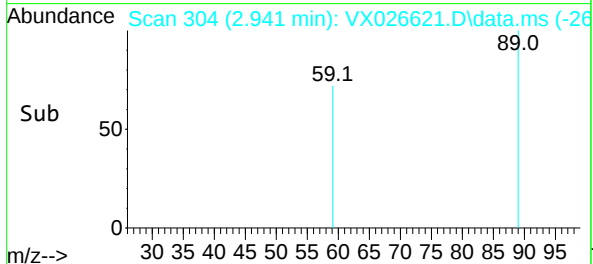
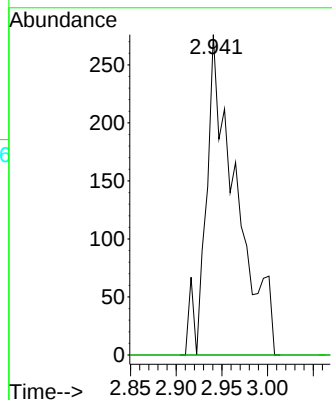
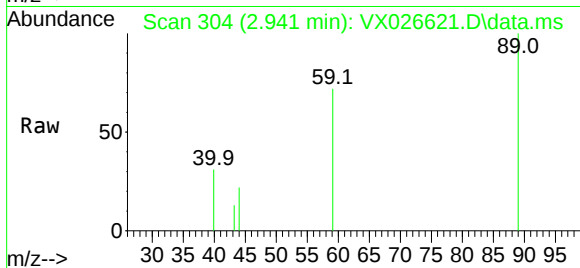
SP-14

Tgt Ion: 59 Resp: 631

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#14

Allyl chloride

Concen: 0.208 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.006 min

Lab File: VX026621.D

Acq: 27 Jan 2022 13:59

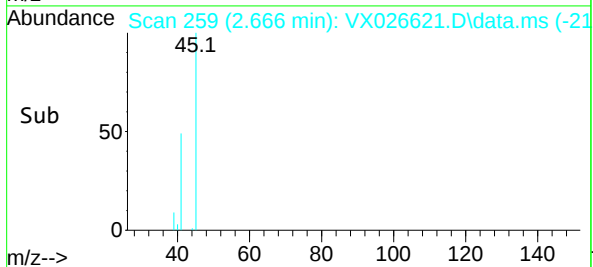
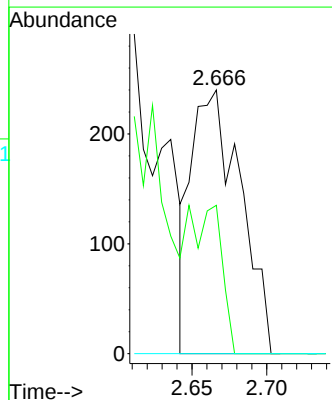
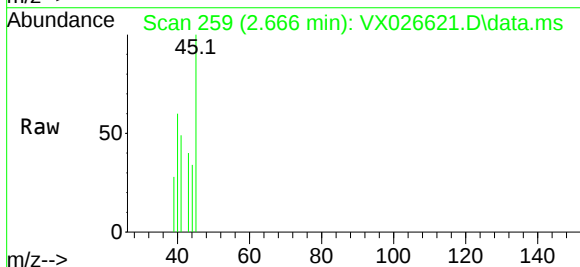
Tgt Ion: 41 Resp: 546

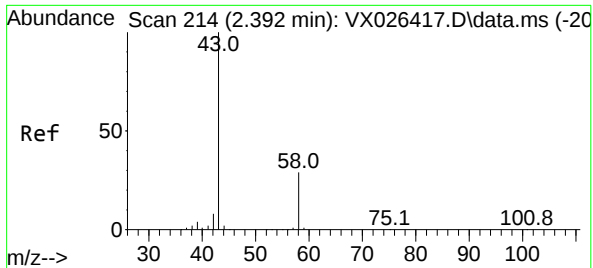
Ion Ratio Lower Upper

41 100

39 37.2 54.2 81.4#

76 0.0 25.2 37.8#

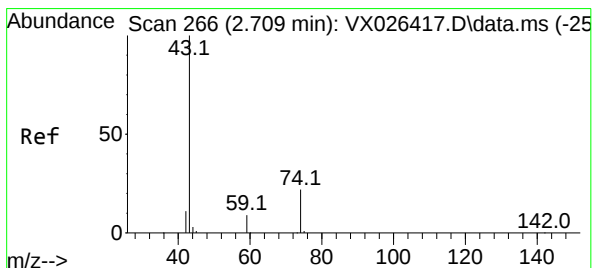
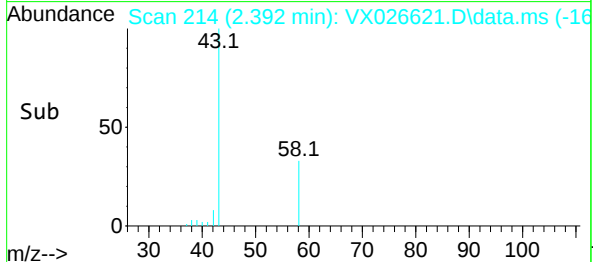
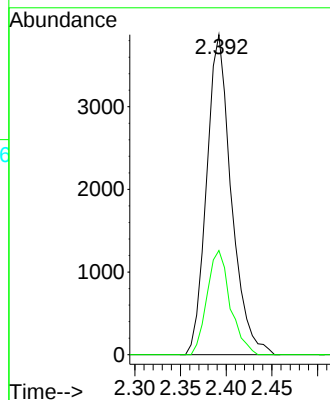
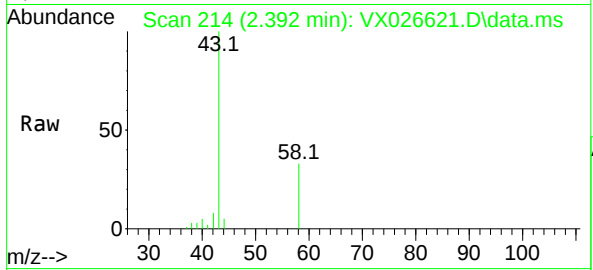




#16
Acetone
Concen: 7.459 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX026621.D
Acq: 27 Jan 2022 13:59

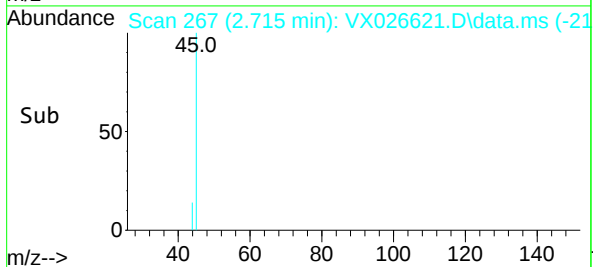
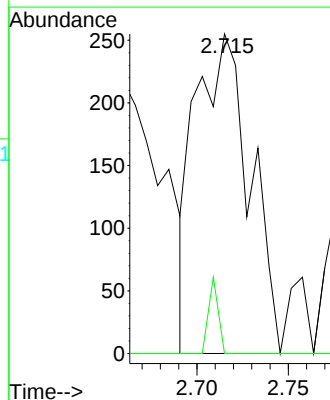
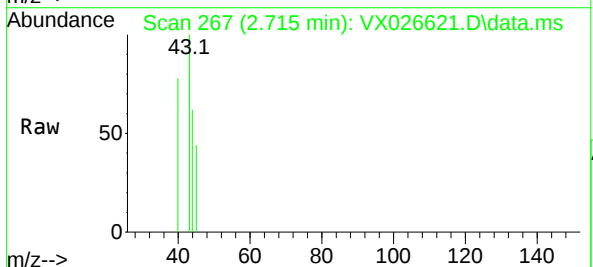
Instrument :
MSVOA_X
ClientSampleId :
SP-14

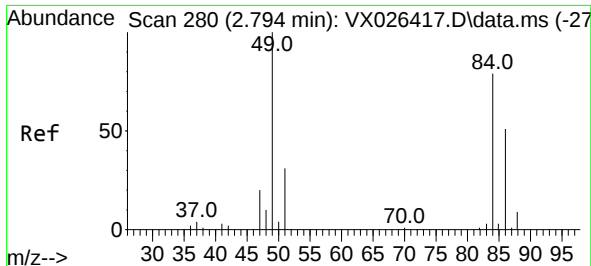
Tgt Ion: 43 Resp: 7269
Ion Ratio Lower Upper
43 100
58 32.6 23.0 34.6



#18
Methyl Acetate
Concen: 0.273 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX026621.D
Acq: 27 Jan 2022 13:59

Tgt Ion: 43 Resp: 529
Ion Ratio Lower Upper
43 100
74 4.2 18.3 27.5#





#20

Methylene Chloride

Concen: 0.674 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX026621.D

Acq: 27 Jan 2022 13:59

Instrument :

MSVOA_X

ClientSampleId :

SP-14

Tgt Ion: 84 Resp: 1085

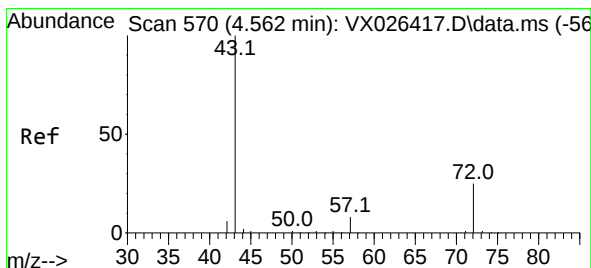
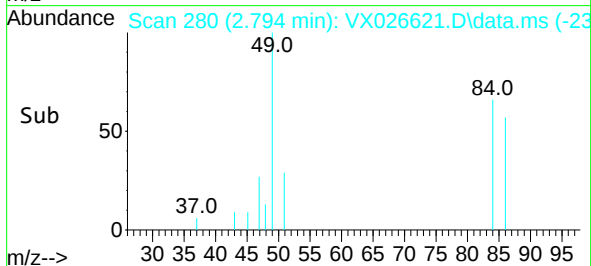
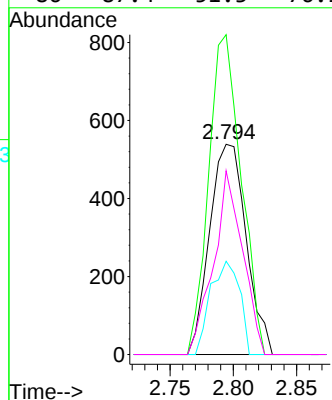
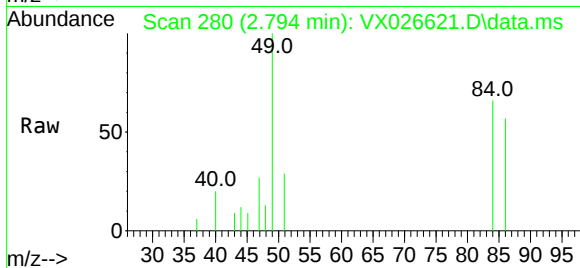
Ion Ratio Lower Upper

84 100

49 152.1 101.5 152.3

51 44.3 31.2 46.8

86 87.4 51.3 76.9#



#25

2-Butanone

Concen: 0.403 ug/l

RT: 4.593 min Scan# 575

Delta R.T. 0.031 min

Lab File: VX026621.D

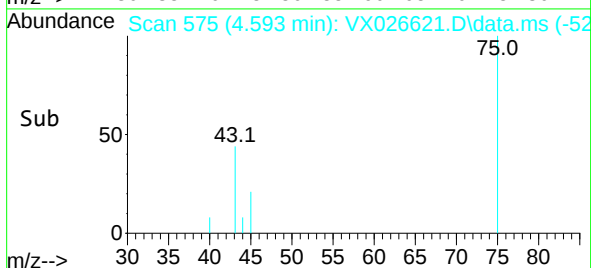
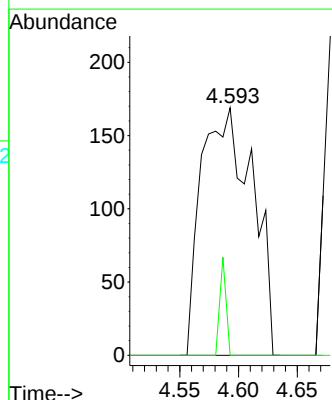
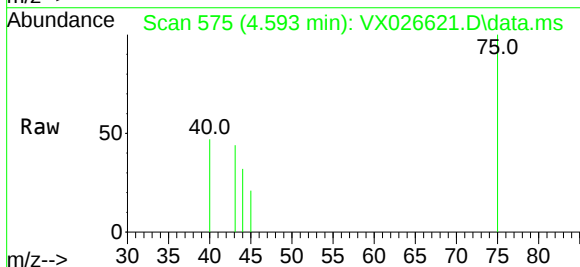
Acq: 27 Jan 2022 13:59

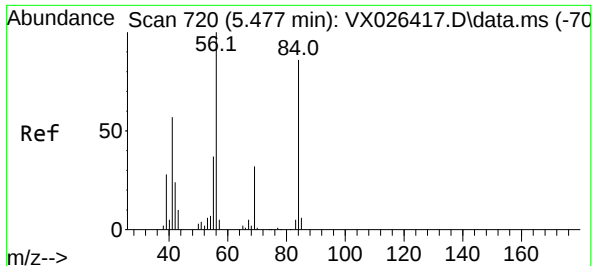
Tgt Ion: 43 Resp: 511

Ion Ratio Lower Upper

43 100

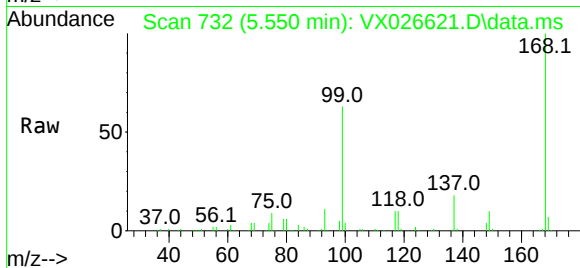
72 0.0 20.4 30.6#



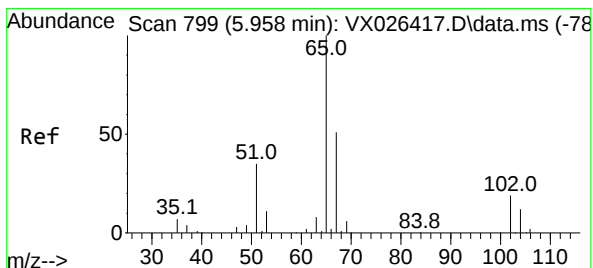
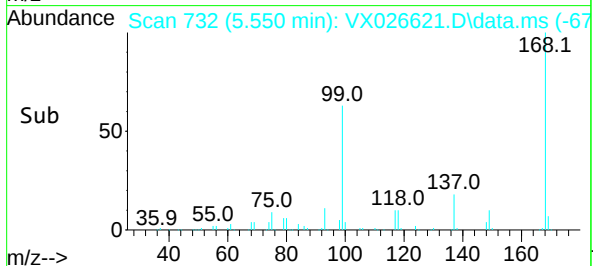
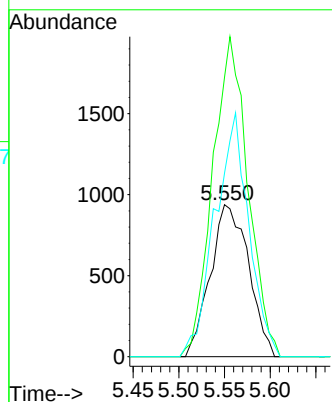


#31
Cyclohexane
Concen: 0.972 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX026621.D
Acq: 27 Jan 2022 13:59

Instrument :
MSVOA_X
ClientSampleId :
SP-14

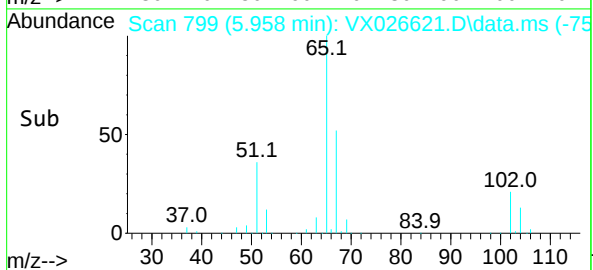
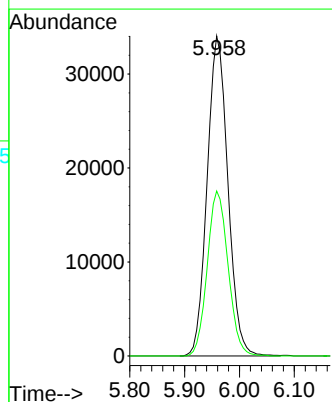
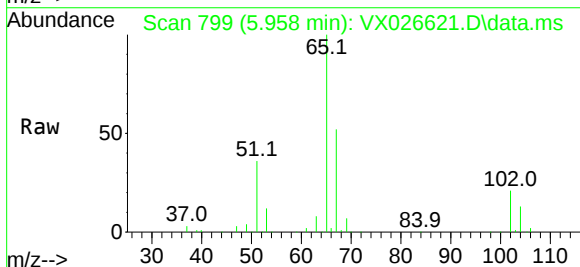


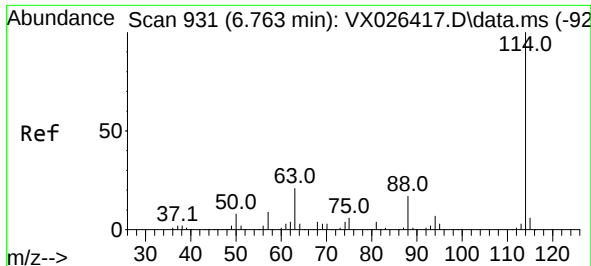
Tgt Ion: 56 Resp: 2739
Ion Ratio Lower Upper
56 100
69 183.8 25.8 38.6#
84 120.8 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 46.805 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX026621.D
Acq: 27 Jan 2022 13:59

Tgt Ion: 65 Resp: 89444
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.8

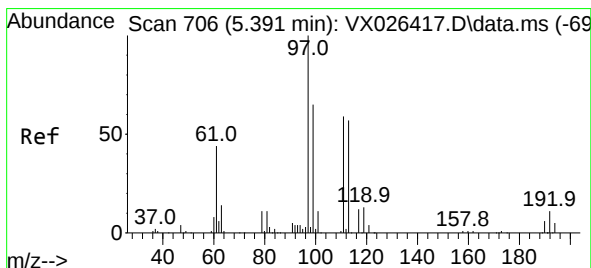
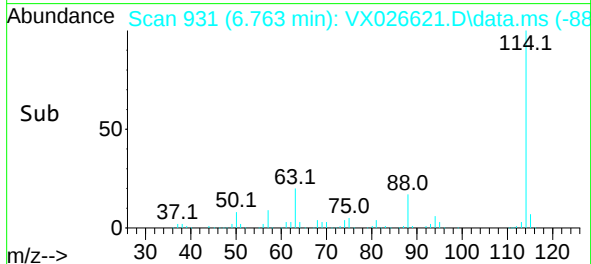
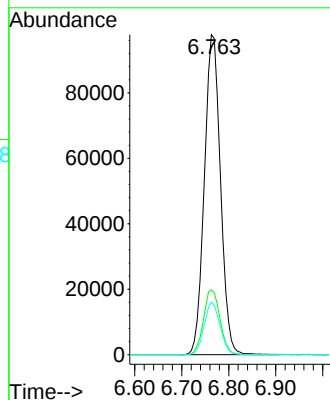
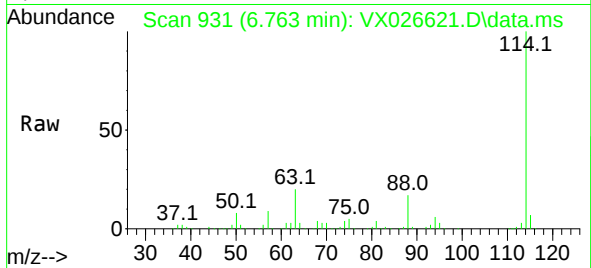




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX026621.D
Acq: 27 Jan 2022 13:59

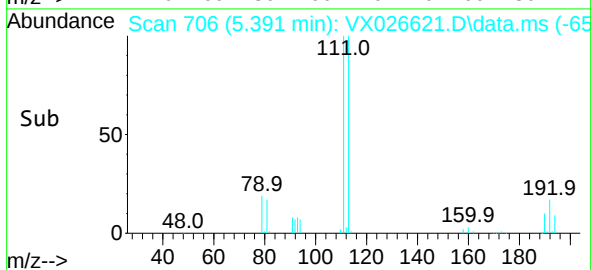
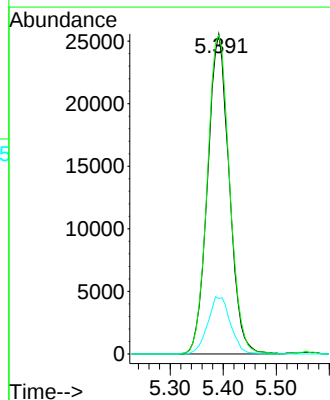
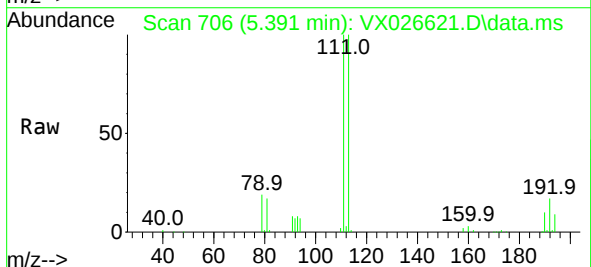
Instrument :
MSVOA_X
ClientSampleId :
SP-14

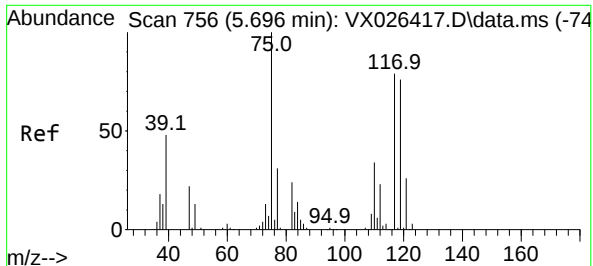
Tgt Ion:114 Resp: 233014
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.8
88 16.5 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.106 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026621.D
Acq: 27 Jan 2022 13:59

Tgt Ion:113 Resp: 72387
Ion Ratio Lower Upper
113 100
111 102.9 81.2 121.8
192 18.7 15.0 22.4

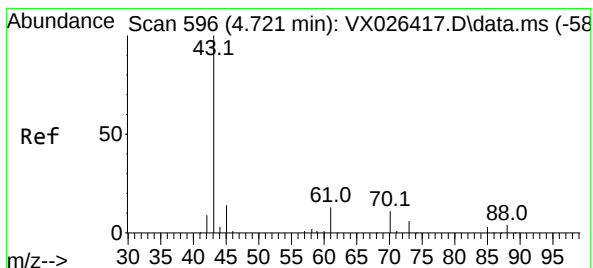
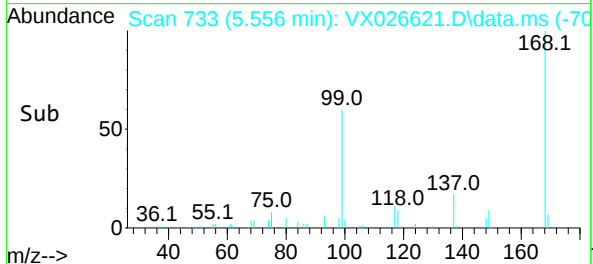
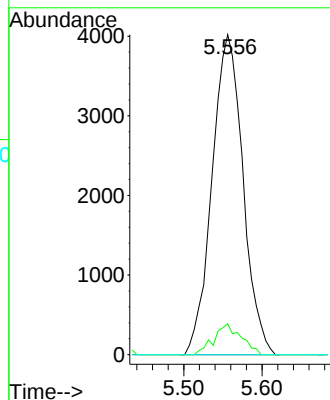
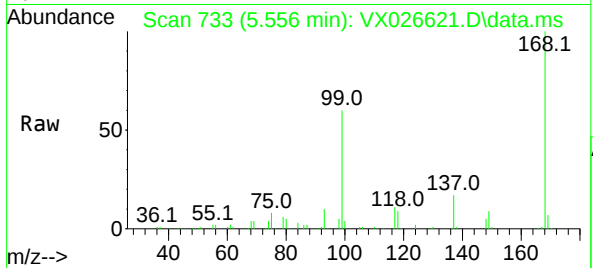




#36
1,1-Dichloropropene
Concen: 4.642 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX026621.D
Acq: 27 Jan 2022 13:59

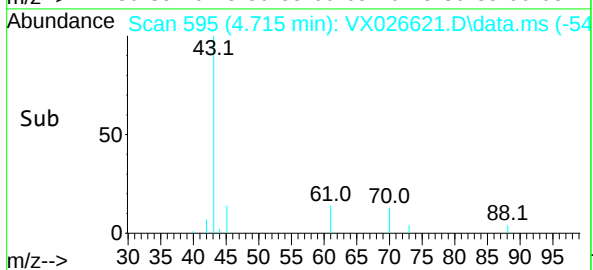
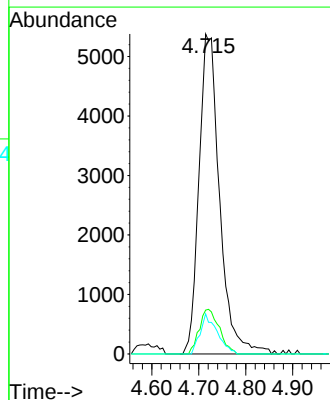
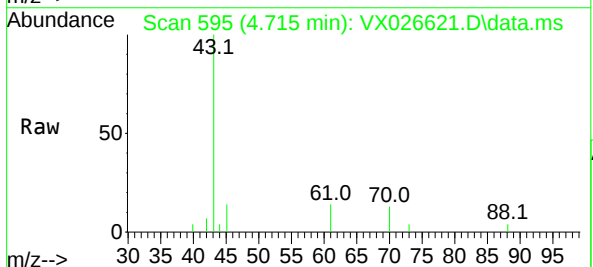
Instrument :
MSVOA_X
ClientSampleId :
SP-14

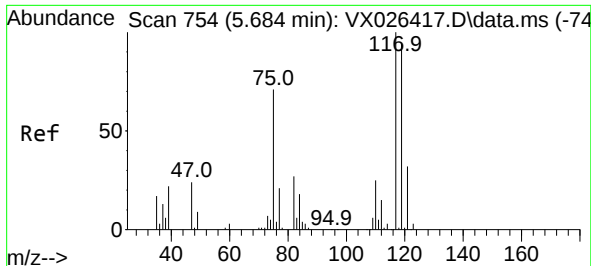
Tgt Ion: 75 Resp: 11027
Ion Ratio Lower Upper
75 100
110 8.5 17.2 51.6#
77 0.0 24.6 36.8#



#37
Ethyl Acetate
Concen: 6.819 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX026621.D
Acq: 27 Jan 2022 13:59

Tgt Ion: 43 Resp: 16386
Ion Ratio Lower Upper
43 100
61 13.6 10.6 16.0
70 10.3 8.5 12.7

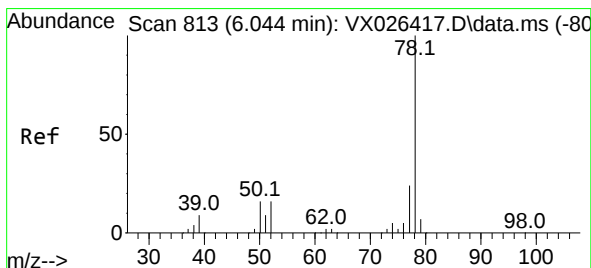
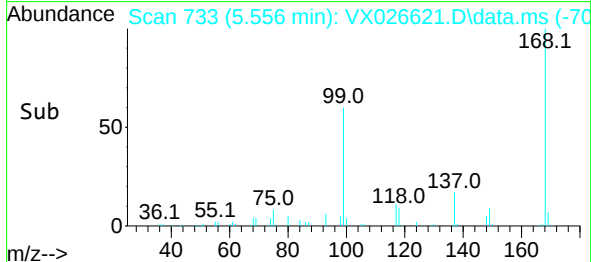
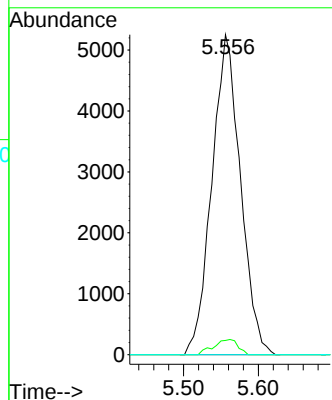
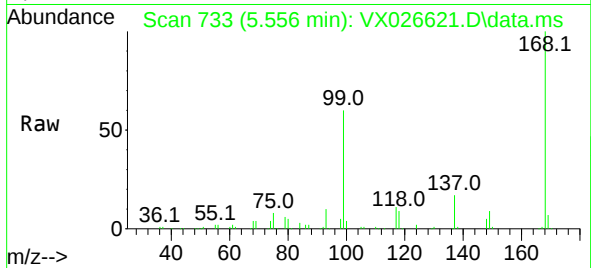




#38
Carbon Tetrachloride
Concen: 5.719 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX026621.D
Acq: 27 Jan 2022 13:59

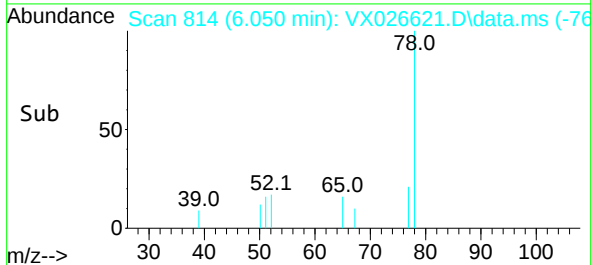
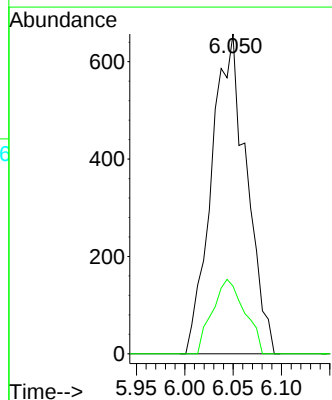
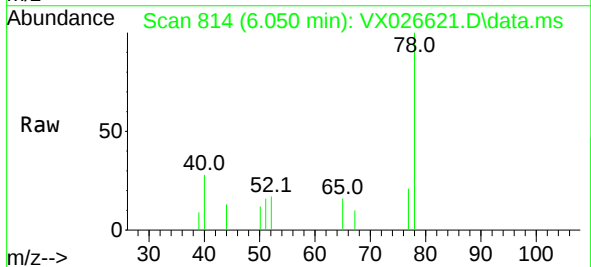
Instrument :
MSVOA_X
ClientSampleId :
SP-14

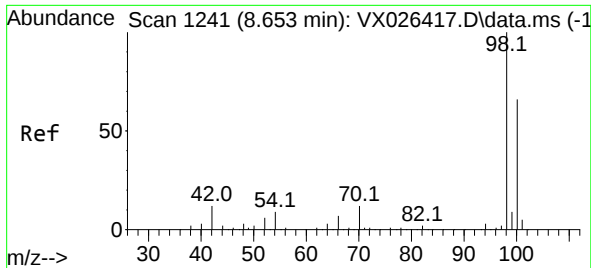
Tgt Ion:117 Resp: 13975
Ion Ratio Lower Upper
117 100
119 4.4 74.7 112.1#
121 0.0 25.4 38.0#



#40
Benzene
Concen: 0.253 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX026621.D
Acq: 27 Jan 2022 13:59

Tgt Ion: 78 Resp: 1658
Ion Ratio Lower Upper
78 100
77 21.2 18.9 28.3

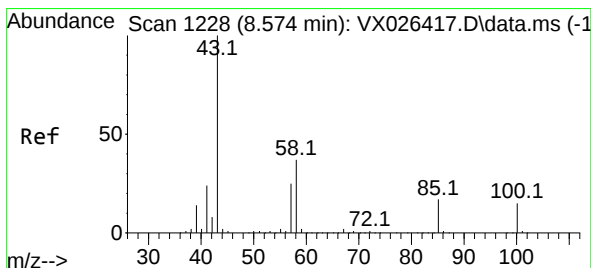
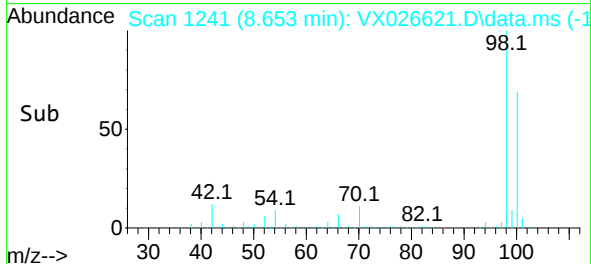
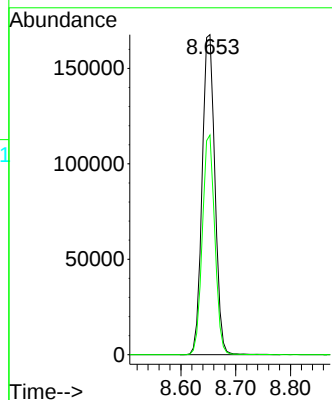
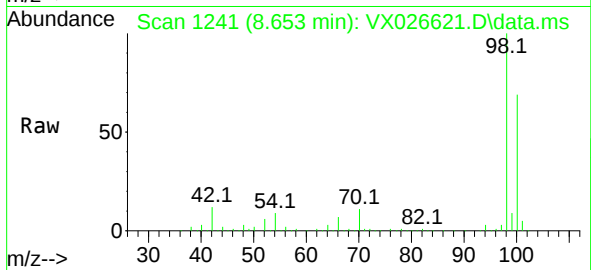




#50
Toluene-d8
Concen: 49.896 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026621.D
Acq: 27 Jan 2022 13:59

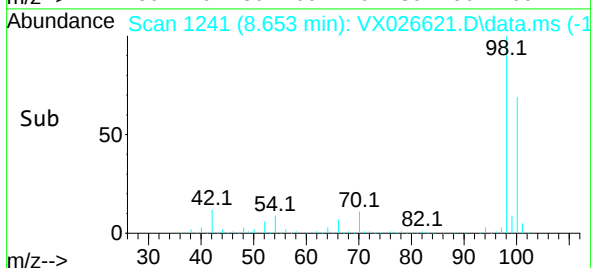
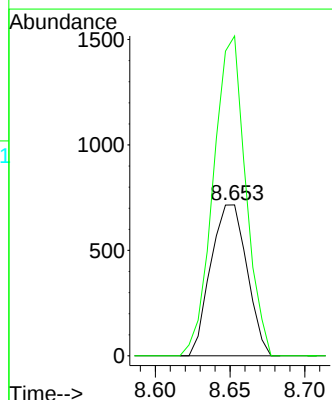
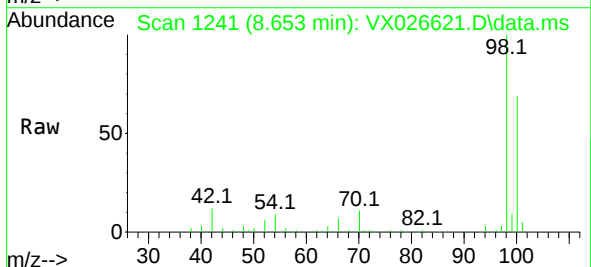
Instrument :
MSVOA_X
ClientSampleId :
SP-14

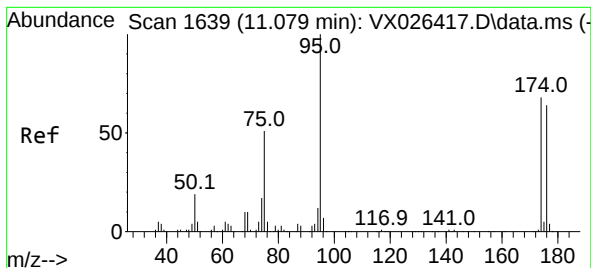
Tgt Ion: 98 Resp: 270557
Ion Ratio Lower Upper
98 100
100 67.2 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 0.523 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX026621.D
Acq: 27 Jan 2022 13:59

Tgt Ion: 43 Resp: 1204
Ion Ratio Lower Upper
43 100
58 189.3 30.5 45.7#

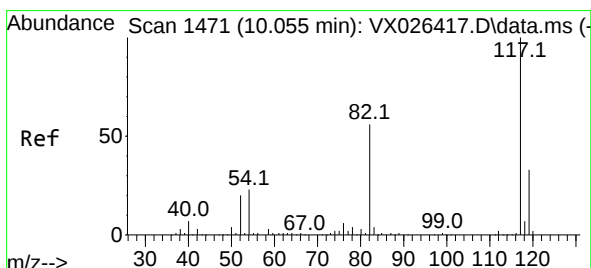
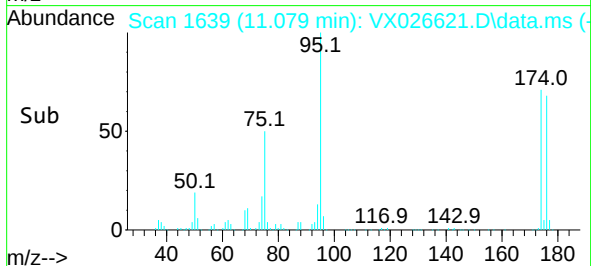
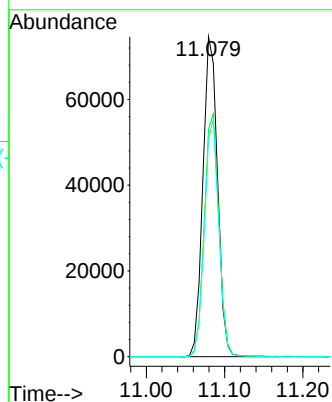
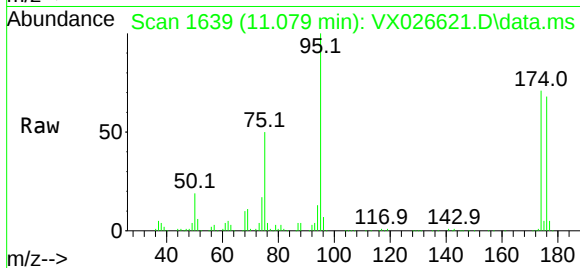




#62
4-Bromofluorobenzene
Concen: 50.292 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026621.D
Acq: 27 Jan 2022 13:59

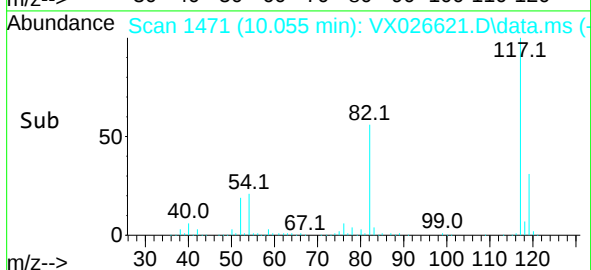
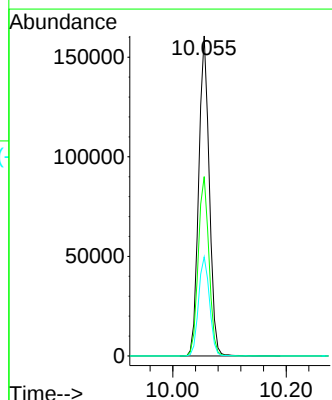
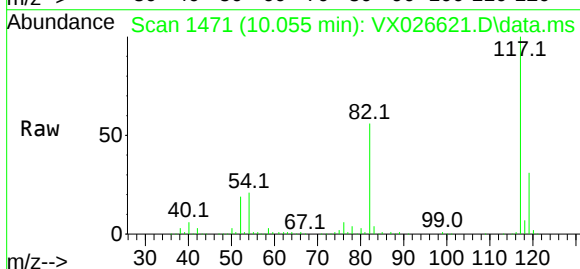
Instrument :
MSVOA_X
ClientSampleId :
SP-14

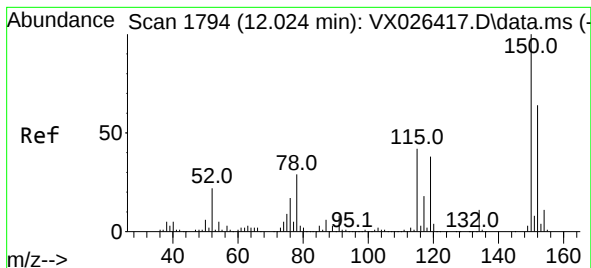
Tgt Ion: 95 Resp: 96874
Ion Ratio Lower Upper
95 100
174 76.0 0.0 148.6
176 72.7 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026621.D
Acq: 27 Jan 2022 13:59

Tgt Ion: 117 Resp: 207621
Ion Ratio Lower Upper
117 100
82 56.1 45.2 67.8
119 31.0 26.2 39.2

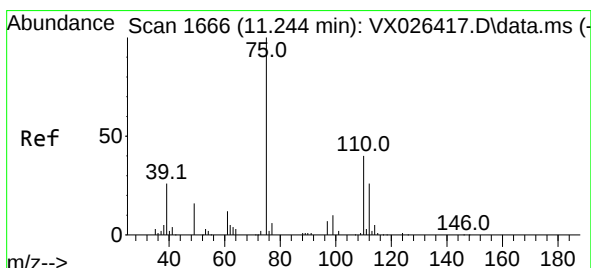
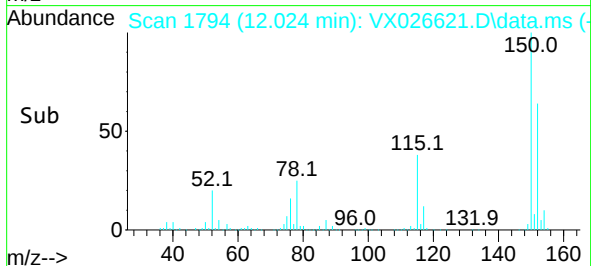
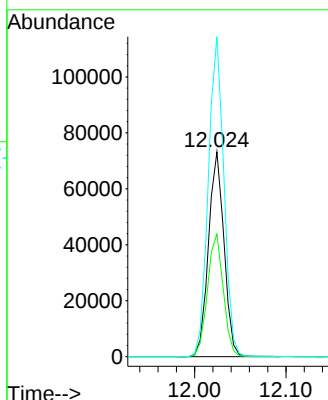
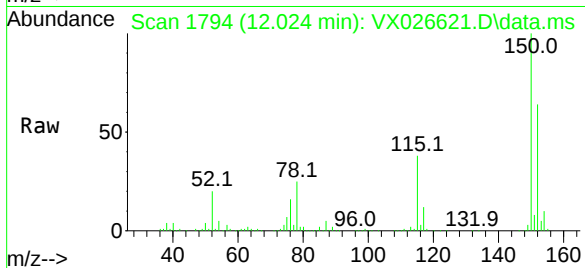




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026621.D
 Acq: 27 Jan 2022 13:59

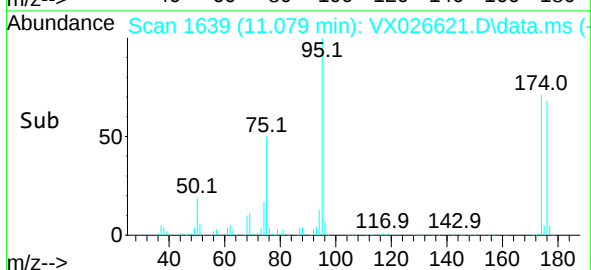
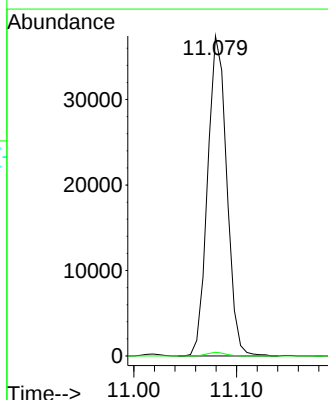
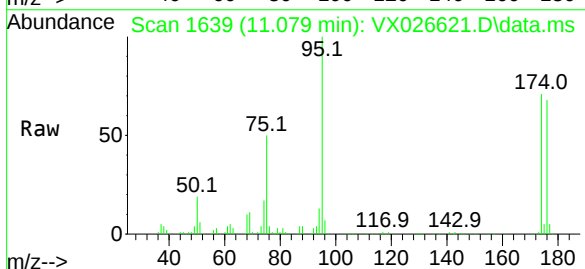
Instrument :
 MSVOA_X
 ClientSampleId :
 SP-14

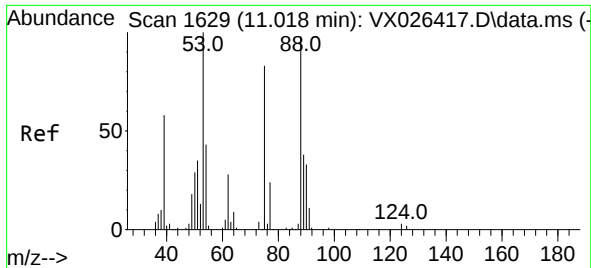
Tgt Ion:152 Resp: 86219
 Ion Ratio Lower Upper
 152 100
 115 60.8 44.2 132.6
 150 156.9 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 25.497 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.164 min
 Lab File: VX026621.D
 Acq: 27 Jan 2022 13:59

Tgt Ion: 75 Resp: 48403
 Ion Ratio Lower Upper
 75 100
 77 1.1 18.3 54.8#

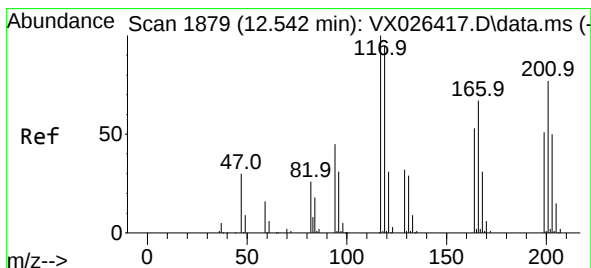
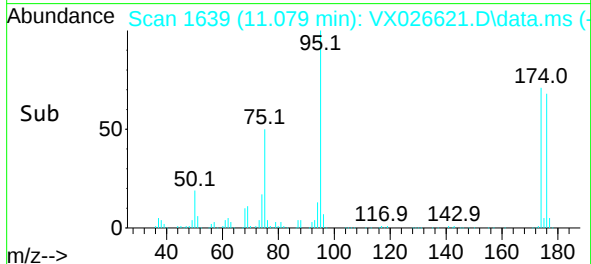
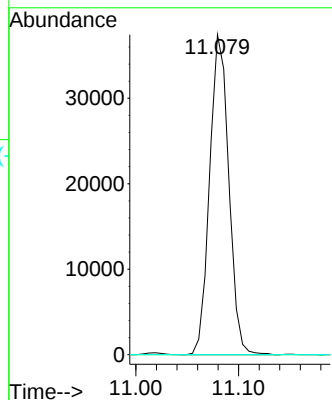
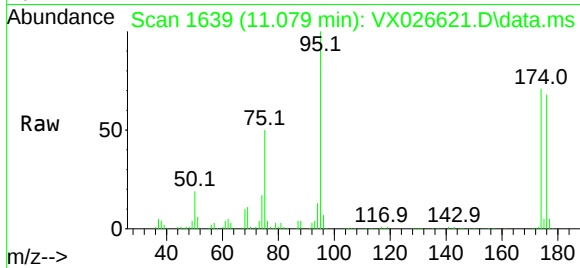




#81
trans-1,4-Dichloro-2-butene
Concen: 77.403 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX026621.D
Acq: 27 Jan 2022 13:59

Instrument :
MSVOA_X
ClientSampleId :
SP-14

Tgt Ion: 75 Resp: 48403
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#



#90
Hexachloroethane
Concen: 2.340 ug/l
RT: 12.701 min Scan# 1905
Delta R.T. 0.159 min
Lab File: VX026621.D
Acq: 27 Jan 2022 13:59

Tgt Ion: 117 Resp: 167
Ion Ratio Lower Upper
117 100
201 0.0 35.6 106.8#

