

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112122\
 Data File : VX032941.D
 Acq On : 21 Nov 2022 10:51
 Operator : JC/MD
 Sample : VX1121MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 22 05:10:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

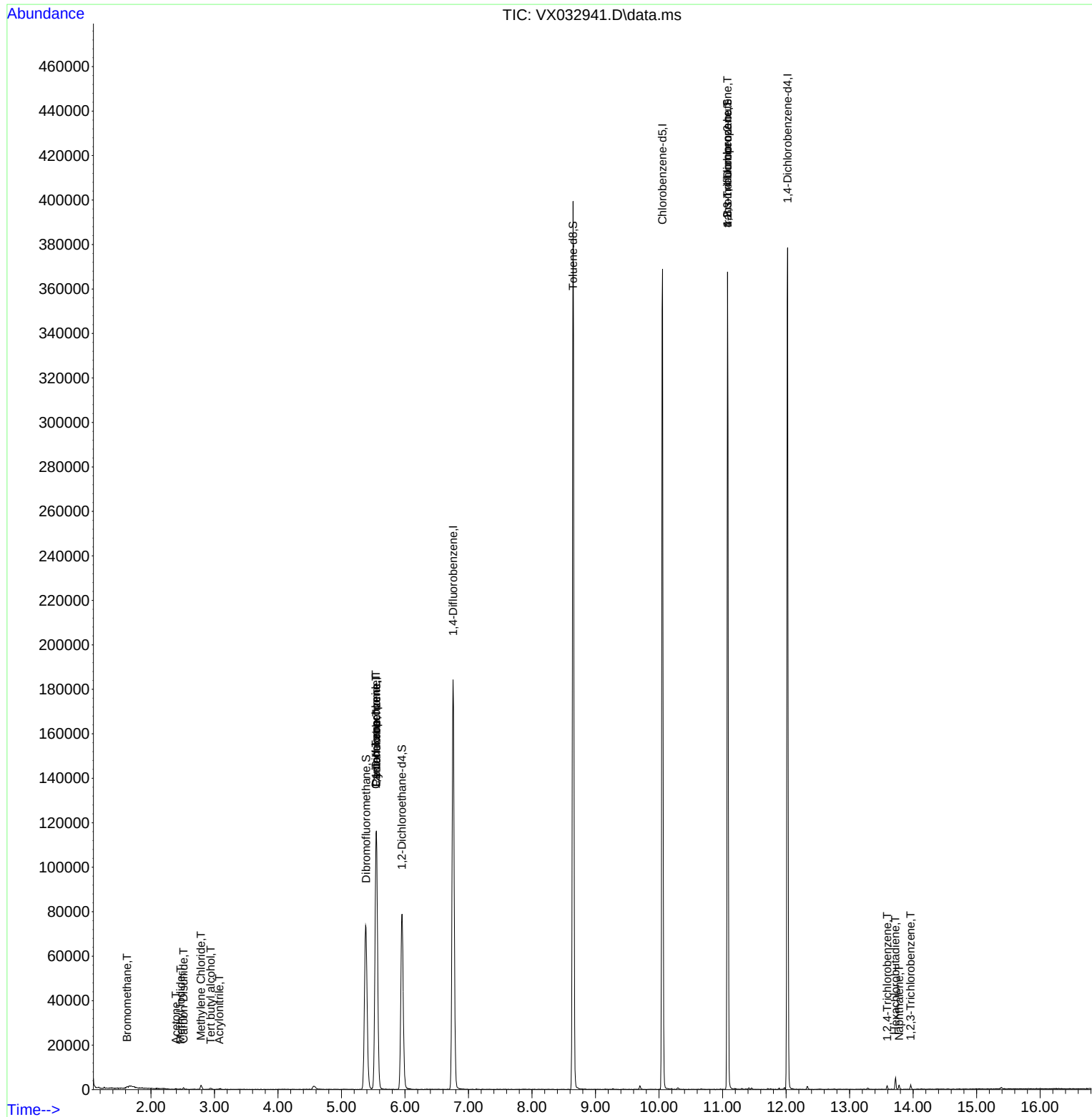
Internal Standards						
1) Pentafluorobenzene	5.550	168	111745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	184438	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	165999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79946	51.489	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 102.980%		
35) Dibromofluoromethane	5.385	113	64689	49.170	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 98.340%		
50) Toluene-d8	8.647	98	231190	50.537	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 101.080%		
62) 4-Bromofluorobenzene	11.079	95	88766	49.674	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 99.340%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.623	94	205	0.214	ug/l #	69
10) Methyl Iodide	2.465	142	168	2.037	ug/l #	37
11) Tert butyl alcohol	2.940	59	297	1.314	ug/l #	72
15) Acrylonitrile	3.074	53	274	0.447	ug/l #	60
16) Acetone	2.392	43	318	0.564	ug/l #	45
17) Carbon Disulfide	2.514	76	749	0.281	ug/l #	95
20) Methylene Chloride	2.788	84	790	0.611	ug/l	97
31) Cyclohexane	5.550	56	2373	1.261	ug/l #	1
36) 1,1-Dichloropropene	5.543	75	8541	4.662	ug/l #	50
38) Carbon Tetrachloride	5.543	117	11397	5.609	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	48206	27.497	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	48206	87.495	ug/l #	6
93) 1,2,4-Trichlorobenzene	13.591	180	489	0.263	ug/l #	84
94) Hexachlorobutadiene	13.719	225	877	1.131	ug/l	96
95) Naphthalene	13.780	128	1508	0.244	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	622	0.330	ug/l	98

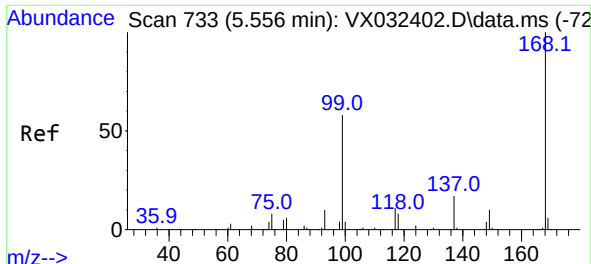
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 22 05:10:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
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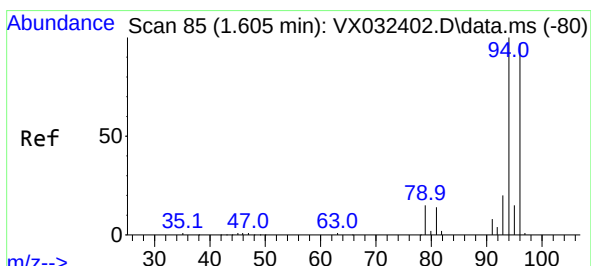
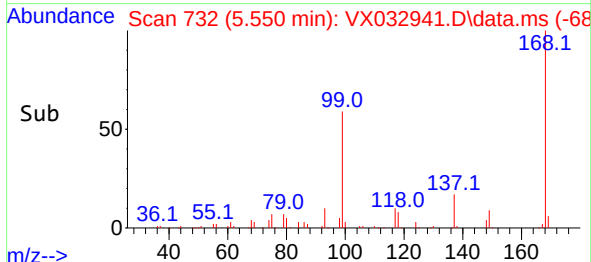
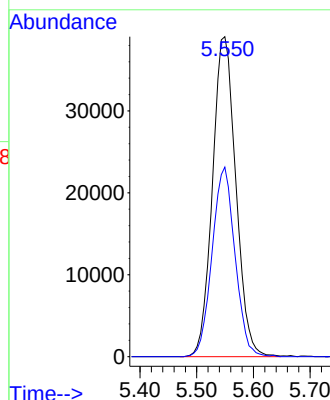
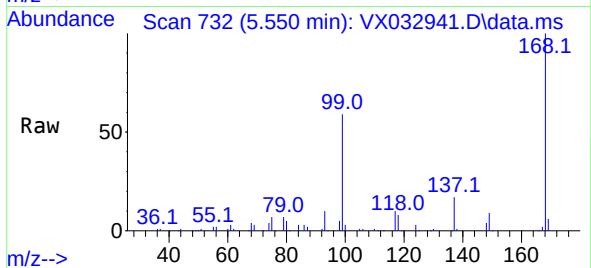




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032941.D
Acq: 21 Nov 2022 10:51

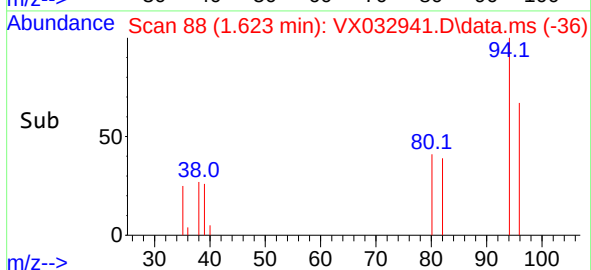
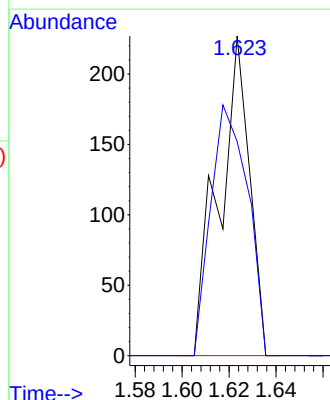
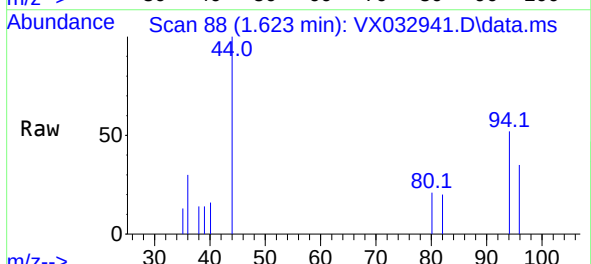
Instrument :
MSVOA_X
ClientSampleId :

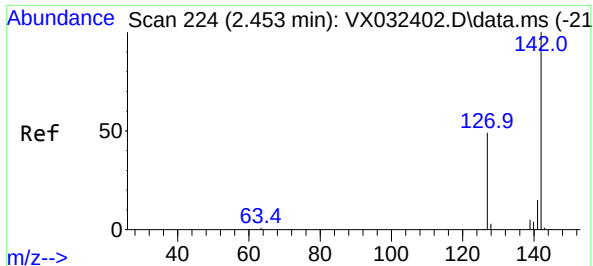
Tgt Ion:168 Resp: 111745
Ion Ratio Lower Upper
168 100
99 59.2 46.1 69.1



#5
Bromomethane
Concen: 0.214 ug/l
RT: 1.623 min Scan# 88
Delta R.T. 0.018 min
Lab File: VX032941.D
Acq: 21 Nov 2022 10:51

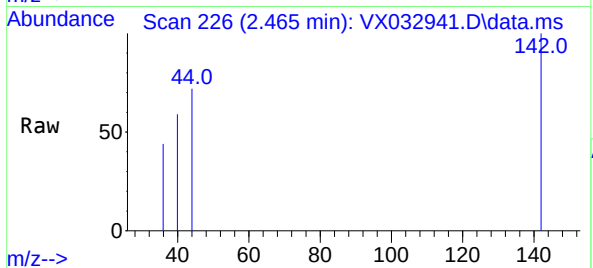
Tgt Ion: 94 Resp: 205
Ion Ratio Lower Upper
94 100
96 67.0 77.6 116.4#



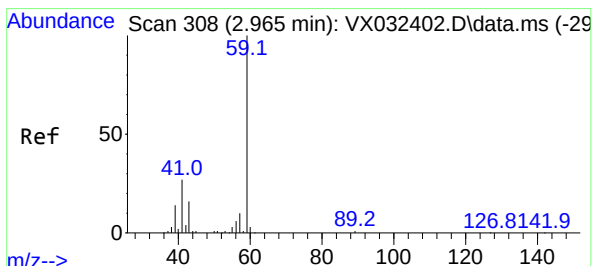
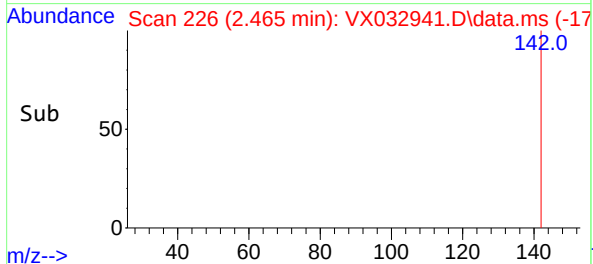
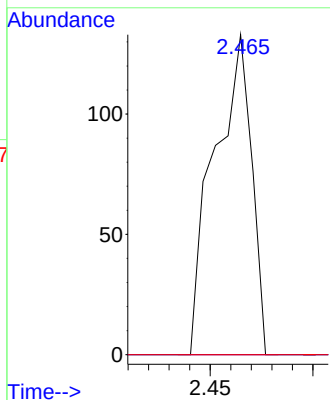


#10
Methyl Iodide
Concen: 2.037 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX032941.D
Acq: 21 Nov 2022 10:51

Instrument :
MSVOA_X
ClientSampleId :

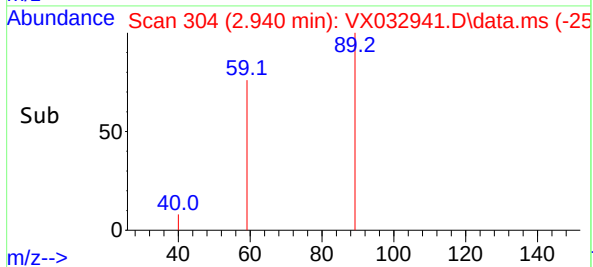
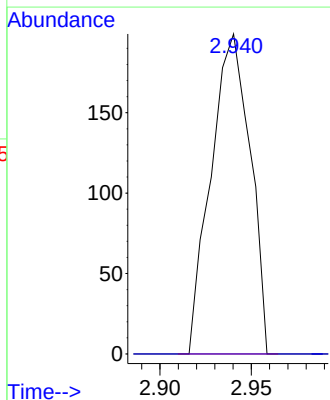
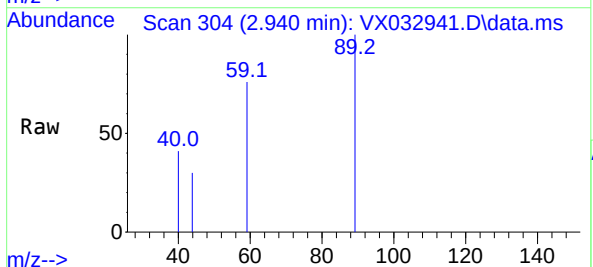


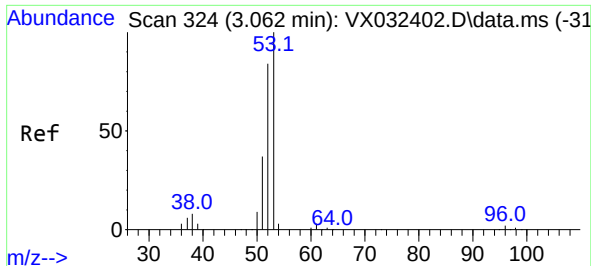
Tgt Ion:142 Resp: 168
Ion Ratio Lower Upper
142 100
127 0.0 38.6 57.8#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 1.314 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.025 min
Lab File: VX032941.D
Acq: 21 Nov 2022 10:51

Tgt Ion: 59 Resp: 297
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

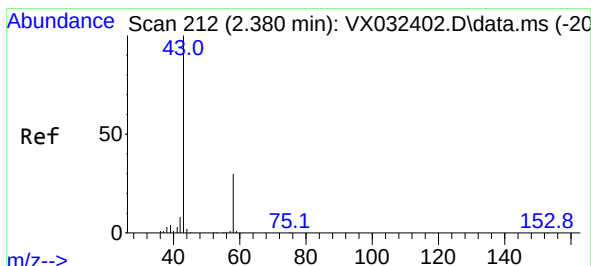
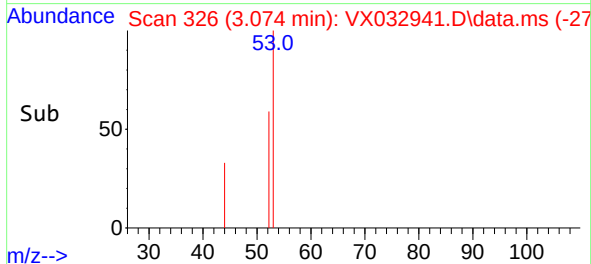
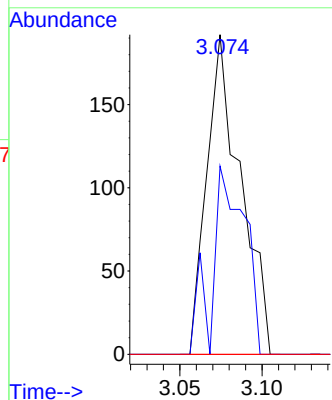
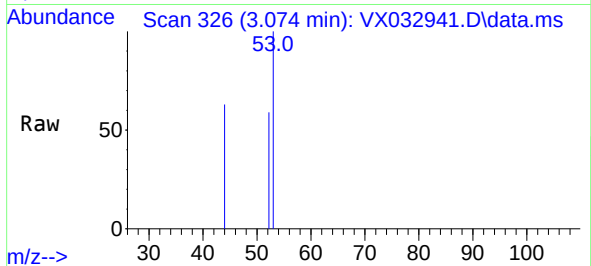




#15
Acrylonitrile
Concen: 0.447 ug/l
RT: 3.074 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX032941.D
Acq: 21 Nov 2022 10:51

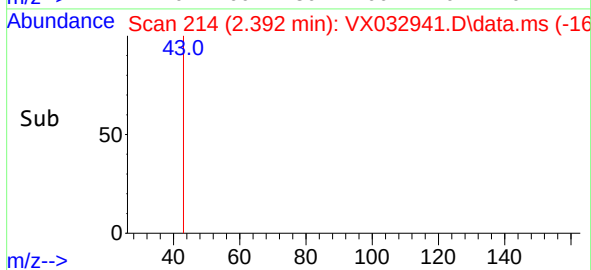
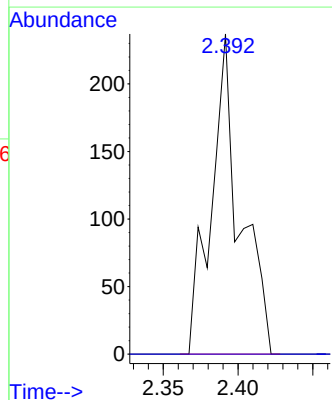
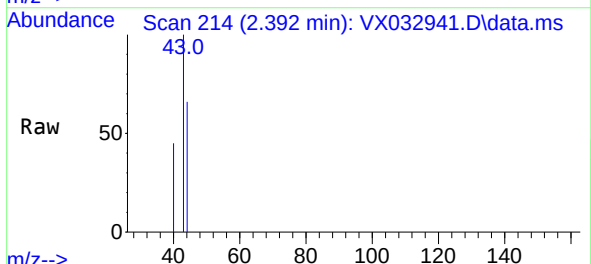
Instrument :
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ClientSampleId :

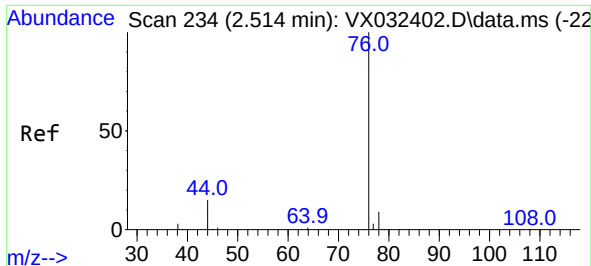
Tgt Ion: 53 Resp: 274
Ion Ratio Lower Upper
53 100
52 56.9 67.4 101.0#
51 0.0 30.3 45.5#



#16
Acetone
Concen: 0.564 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX032941.D
Acq: 21 Nov 2022 10:51

Tgt Ion: 43 Resp: 318
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#

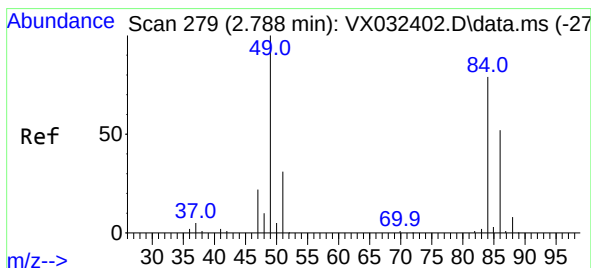
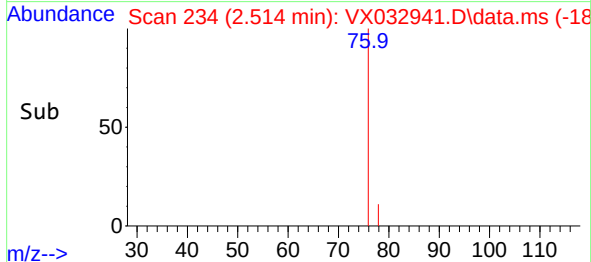
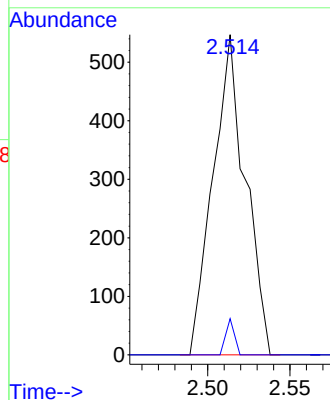
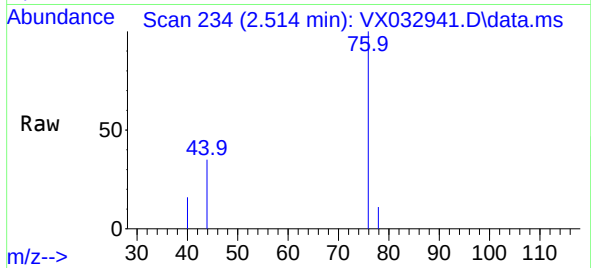




#17
Carbon Disulfide
Concen: 0.281 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX032941.D
Acq: 21 Nov 2022 10:51

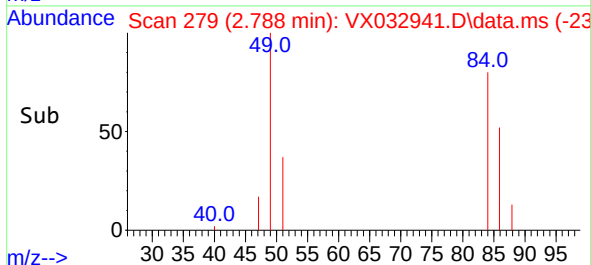
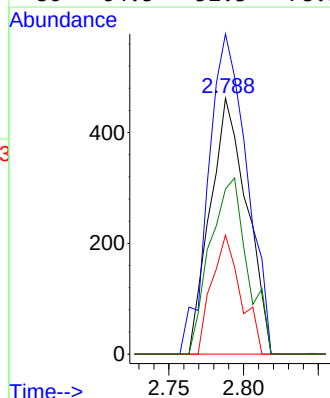
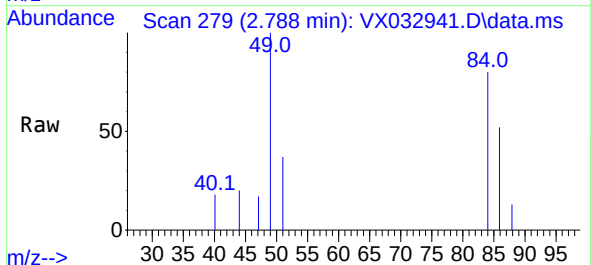
Instrument :
MSVOA_X
ClientSampleId :

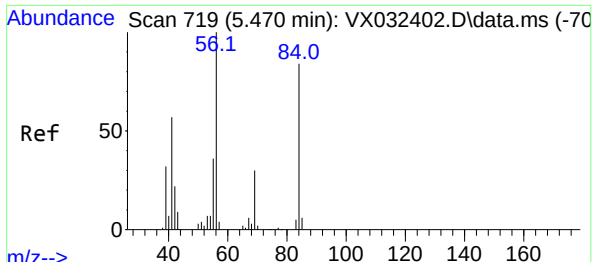
Tgt Ion: 76 Resp: 749
Ion Ratio Lower Upper
76 100
78 11.3 7.5 11.3#



#20
Methylene Chloride
Concen: 0.611 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX032941.D
Acq: 21 Nov 2022 10:51

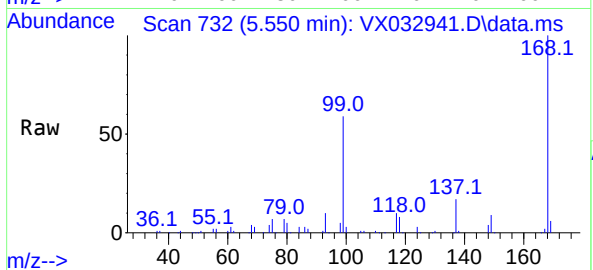
Tgt Ion: 84 Resp: 790
Ion Ratio Lower Upper
84 100
49 125.1 101.0 151.6
51 46.5 31.1 46.7
86 64.5 52.3 78.5



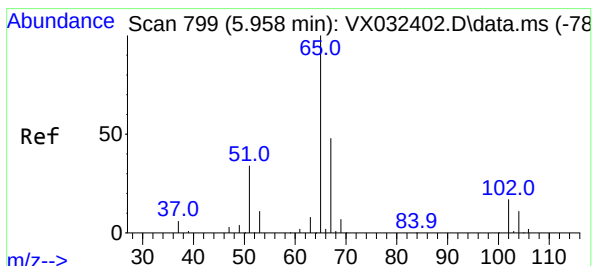
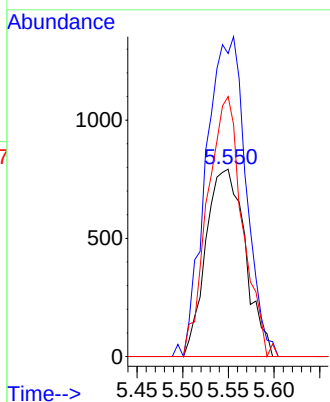
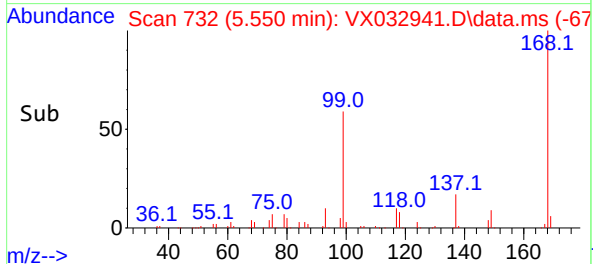


#31
Cyclohexane
Concen: 1.261 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX032941.D
Acq: 21 Nov 2022 10:51

Instrument :
MSVOA_X
ClientSampleId :

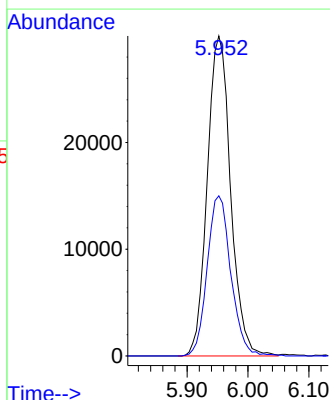
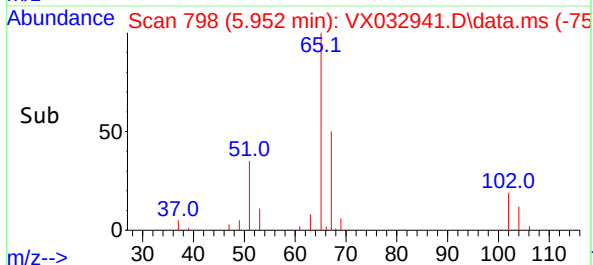
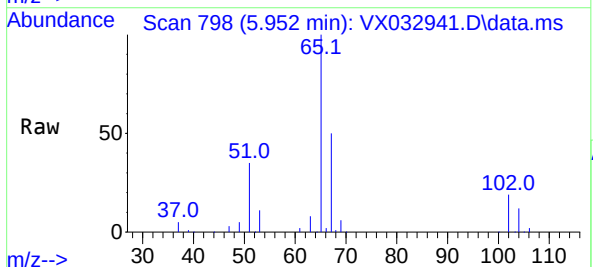


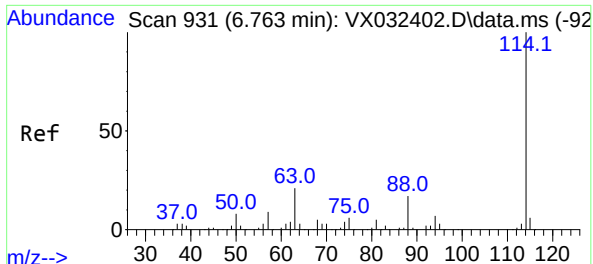
Tgt Ion: 56 Resp: 2373
Ion Ratio Lower Upper
56 100
69 161.7 24.1 36.1#
84 138.7 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 51.489 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX032941.D
Acq: 21 Nov 2022 10:51

Tgt Ion: 65 Resp: 79946
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX032941.D

Acq: 21 Nov 2022 10:51

Instrument :

MSVOA_X

ClientSampleId :

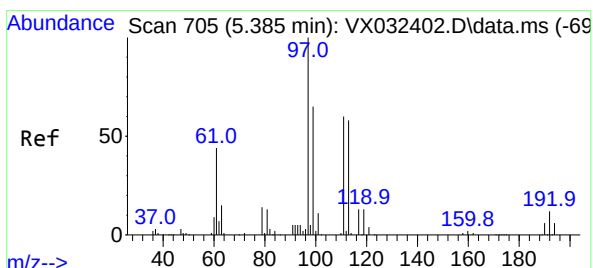
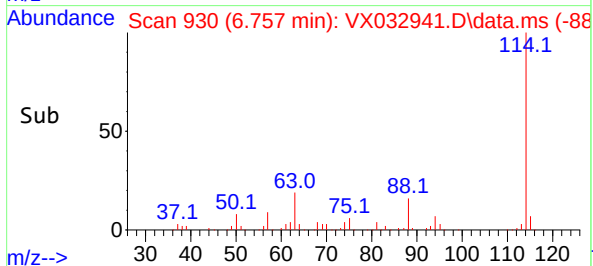
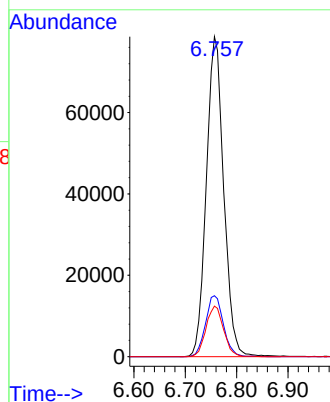
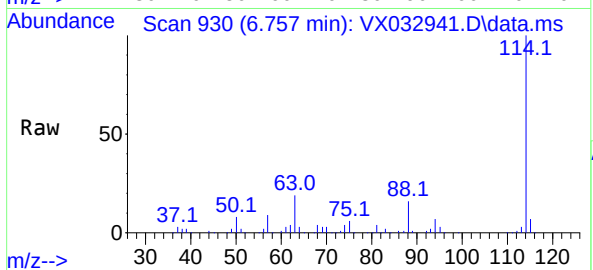
Tgt Ion:114 Resp: 184438

Ion Ratio Lower Upper

114 100

63 19.0 0.0 41.6

88 15.8 0.0 33.4



#35

Dibromofluoromethane

Concen: 49.170 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX032941.D

Acq: 21 Nov 2022 10:51

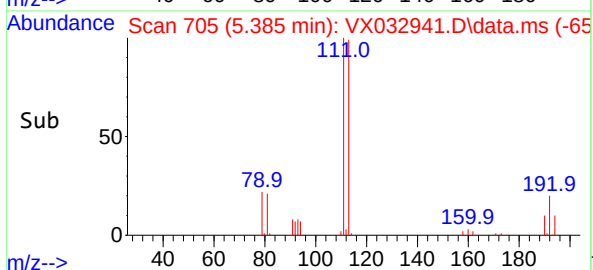
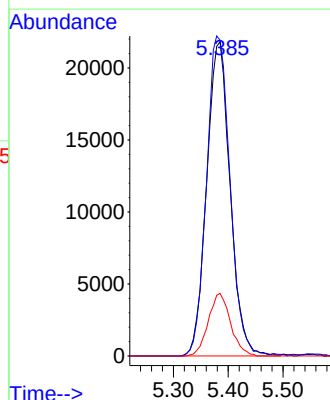
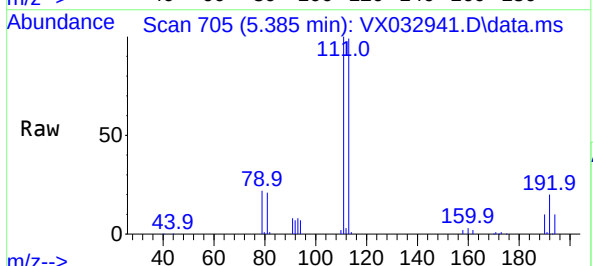
Tgt Ion:113 Resp: 64689

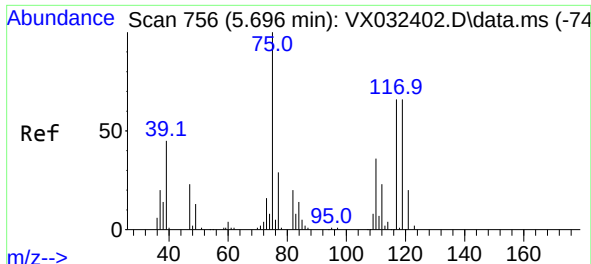
Ion Ratio Lower Upper

113 100

111 102.5 82.4 123.6

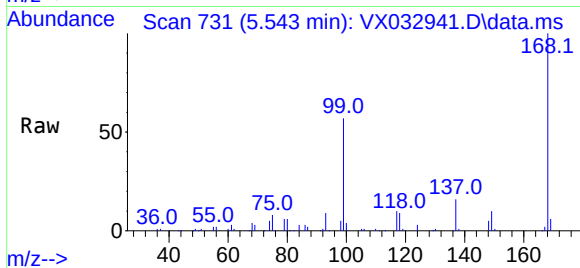
192 18.9 15.4 23.2



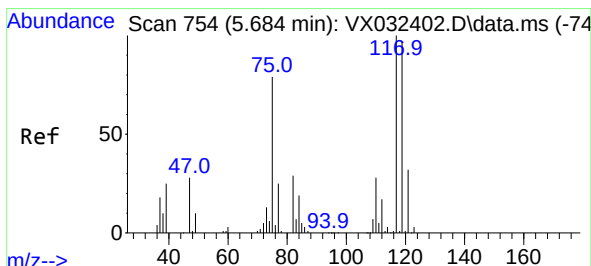
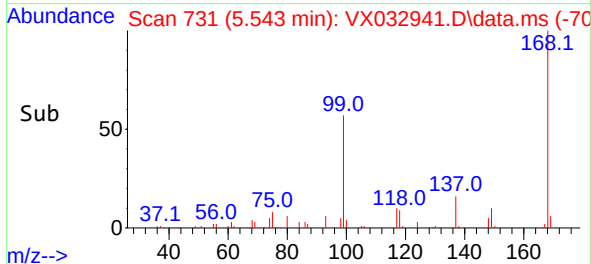
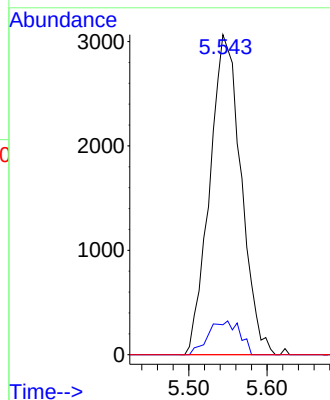


#36
1,1-Dichloropropene
Concen: 4.662 ug/l
RT: 5.543 min Scan# 711
Delta R.T. -0.153 min
Lab File: VX032941.D
Acq: 21 Nov 2022 10:51

Instrument :
MSVOA_X
ClientSampleId :

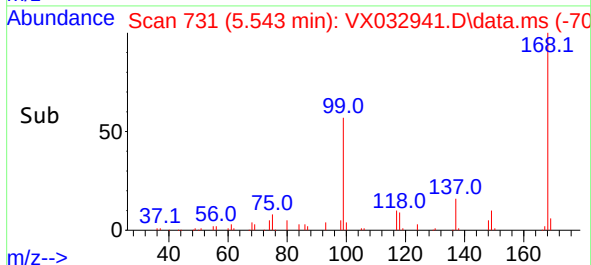
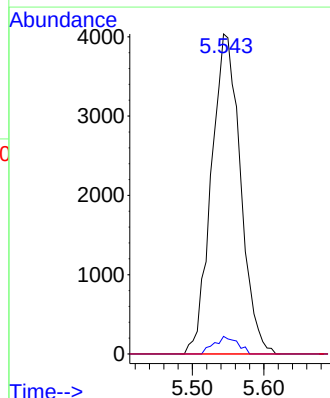
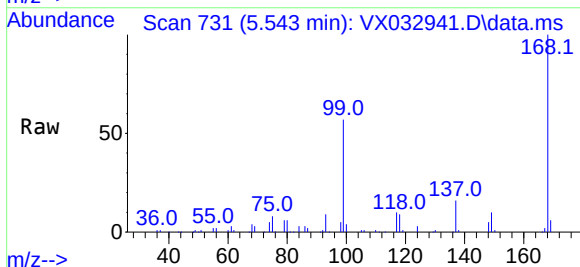


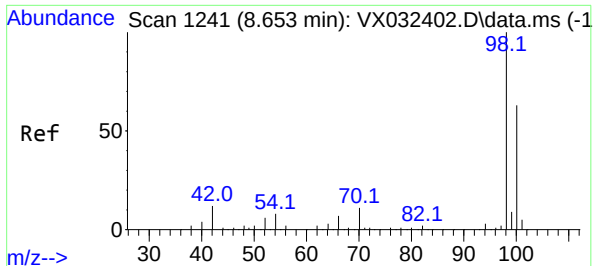
Tgt Ion: 75 Resp: 8541
Ion Ratio Lower Upper
75 100
110 10.5 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.609 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX032941.D
Acq: 21 Nov 2022 10:51

Tgt Ion: 117 Resp: 11397
Ion Ratio Lower Upper
117 100
119 5.5 77.2 115.8#
121 0.0 25.8 38.6#

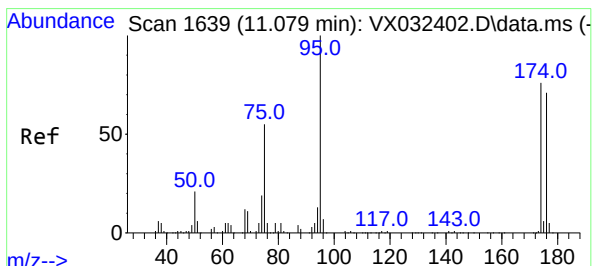
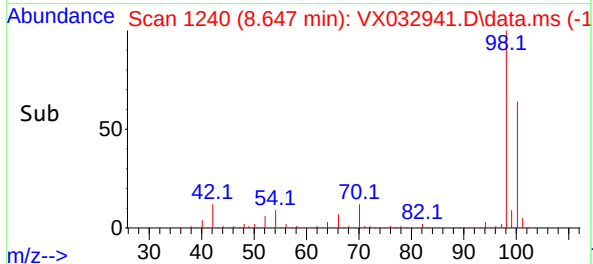
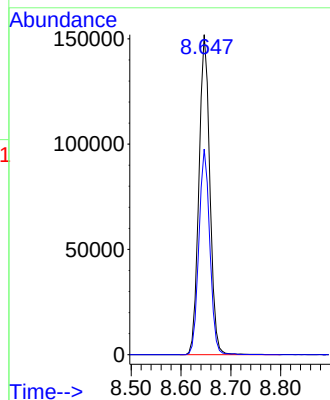
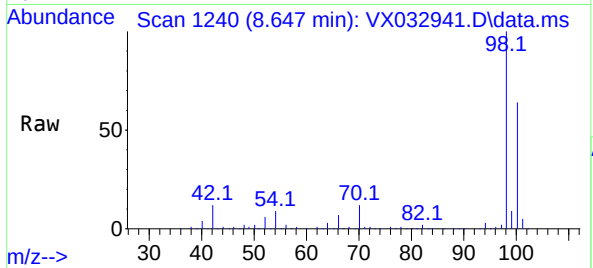




#50
Toluene-d8
Concen: 50.537 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032941.D
Acq: 21 Nov 2022 10:51

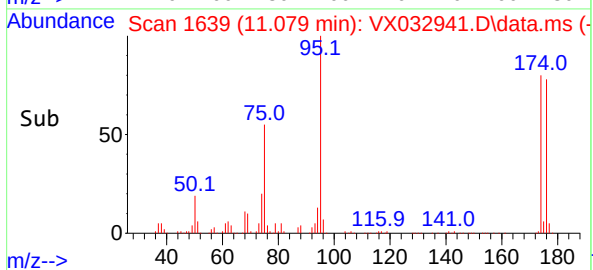
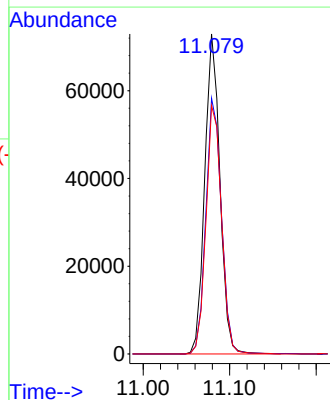
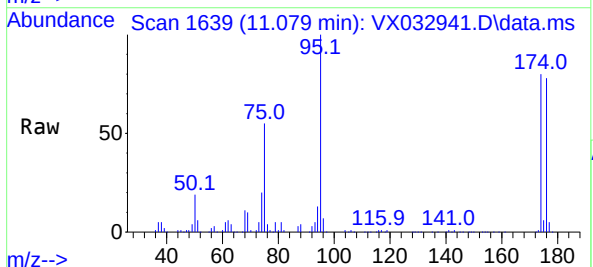
Instrument :
MSVOA_X
ClientSampleId :

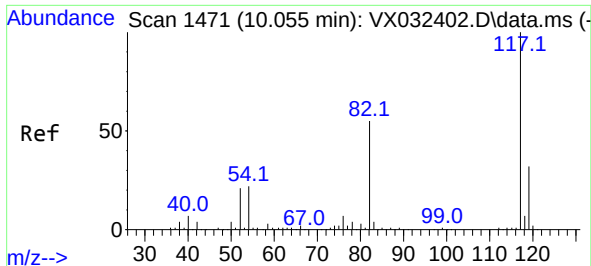
Tgt Ion: 98 Resp: 231190
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 49.674 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032941.D
Acq: 21 Nov 2022 10:51

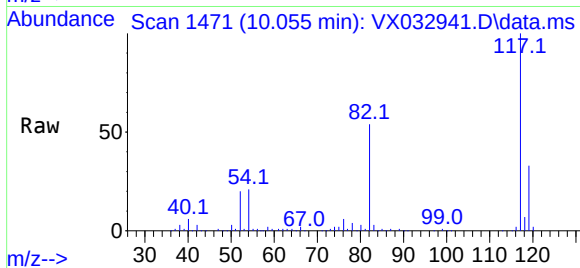
Tgt Ion: 95 Resp: 88766
Ion Ratio Lower Upper
95 100
174 82.1 0.0 164.0
176 79.9 0.0 154.4



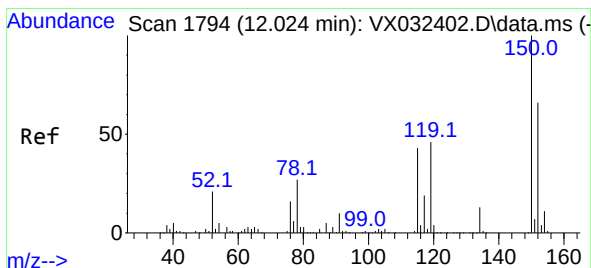
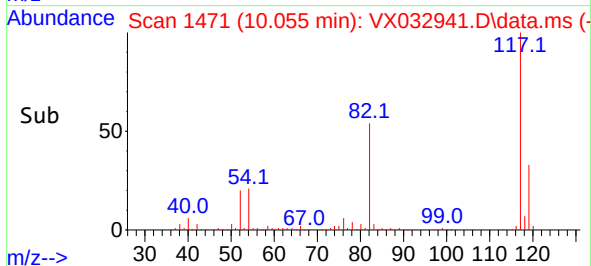
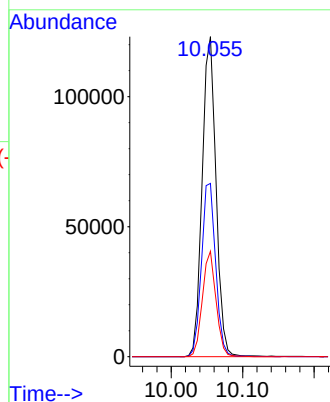


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032941.D
Acq: 21 Nov 2022 10:51

Instrument :
MSVOA_X
ClientSampleId :

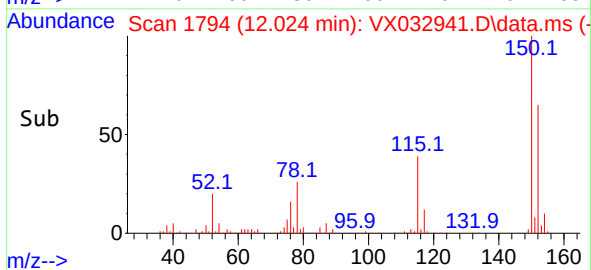
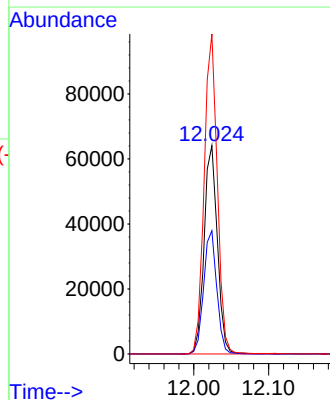
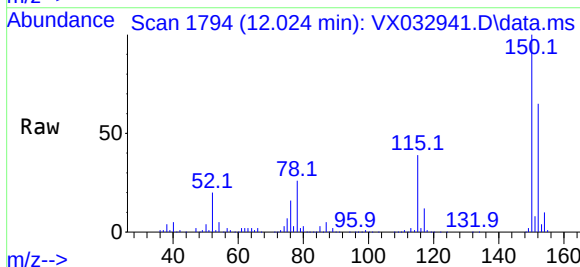


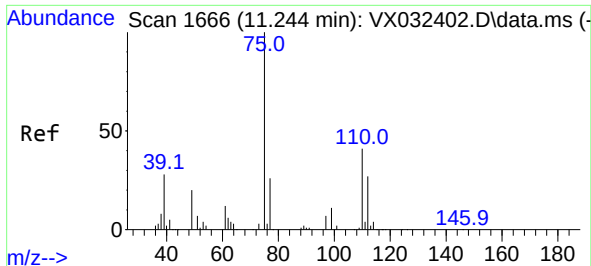
Tgt Ion:117 Resp: 165999
Ion Ratio Lower Upper
117 100
82 54.2 44.3 66.5
119 33.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032941.D
Acq: 21 Nov 2022 10:51

Tgt Ion:152 Resp: 78802
Ion Ratio Lower Upper
152 100
115 58.7 44.0 132.0
150 152.2 0.0 351.8

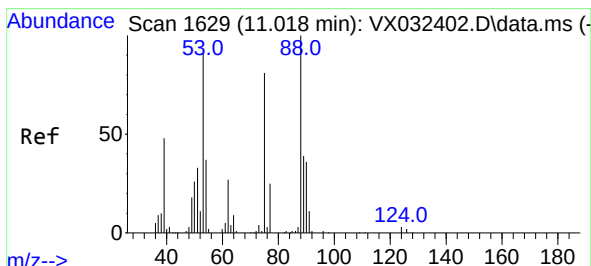
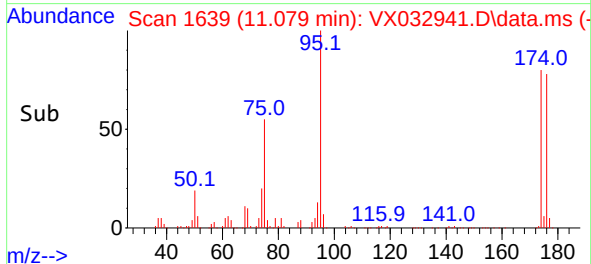
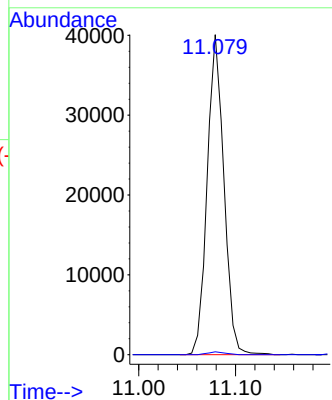
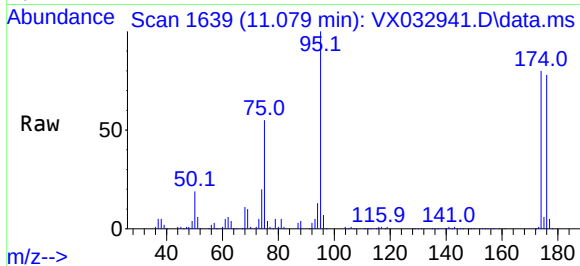




#76
1,2,3-Trichloropropane
Concen: 27.497 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032941.D
Acq: 21 Nov 2022 10:51

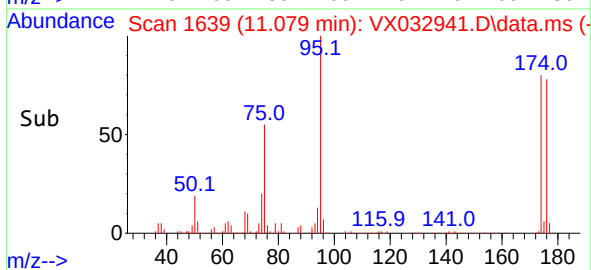
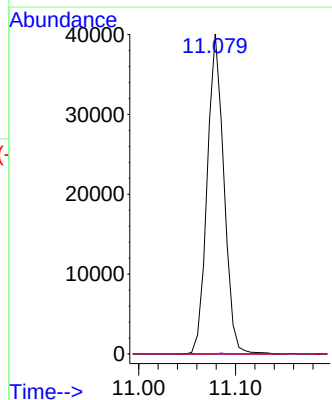
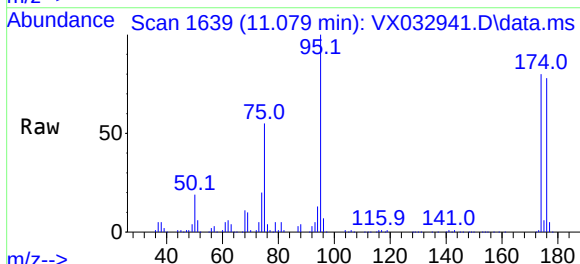
Instrument :
MSVOA_X
ClientSampleId :

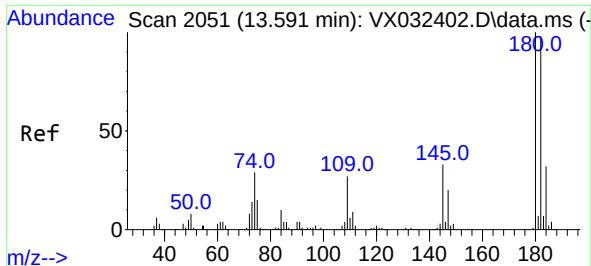
Tgt Ion: 75 Resp: 48206
Ion Ratio Lower Upper
75 100
77 0.9 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.495 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032941.D
Acq: 21 Nov 2022 10:51

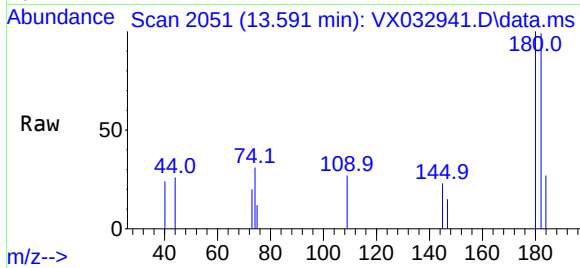
Tgt Ion: 75 Resp: 48206
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.1 38.3 57.5#



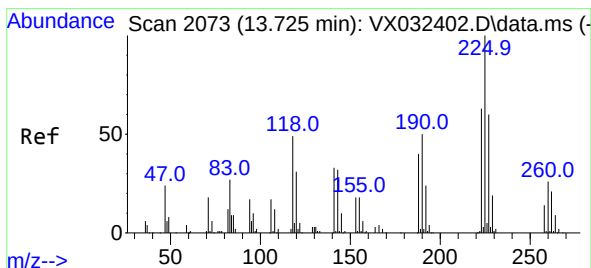
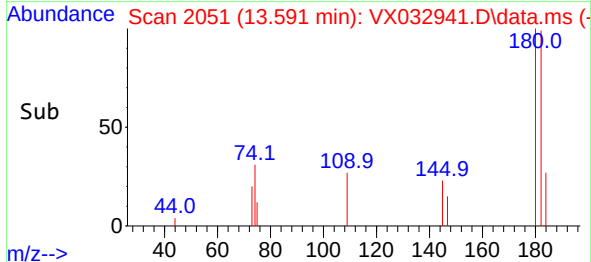
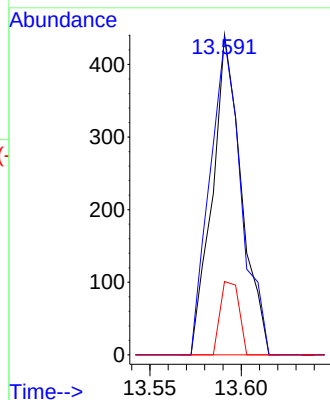


#93
 1,2,4-Trichlorobenzene
 Concen: 0.263 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. -0.000 min
 Lab File: VX032941.D
 Acq: 21 Nov 2022 10:51

Instrument :
 MSVOA_X
 ClientSampleId :

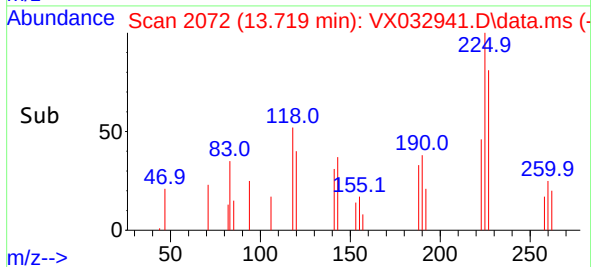
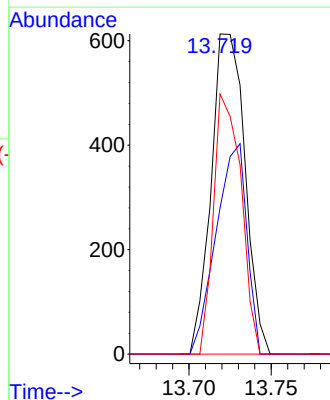
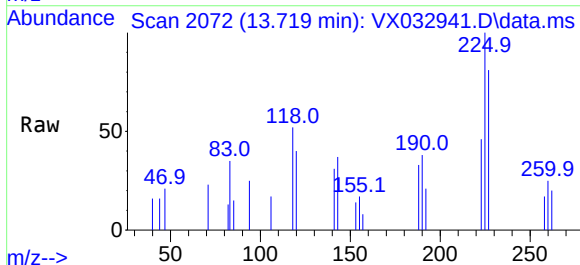


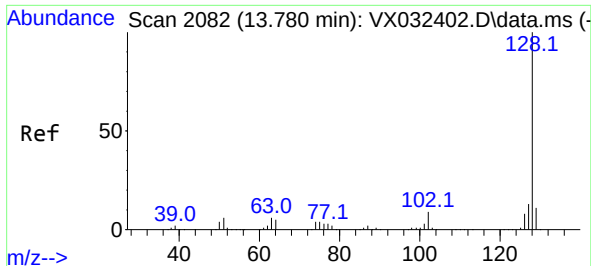
Tgt Ion:180 Resp: 489
 Ion Ratio Lower Upper
 180 100
 182 106.7 48.4 145.0
 145 14.7 16.2 48.5#



#94
 Hexachlorobutadiene
 Concen: 1.131 ug/l
 RT: 13.719 min Scan# 2072
 Delta R.T. -0.006 min
 Lab File: VX032941.D
 Acq: 21 Nov 2022 10:51

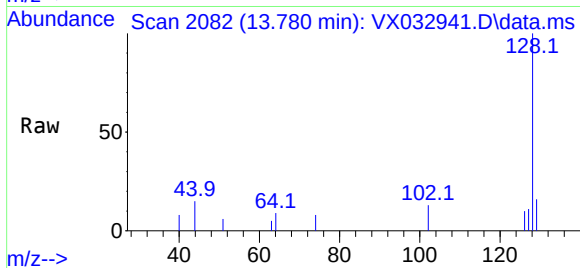
Tgt Ion:225 Resp: 877
 Ion Ratio Lower Upper
 225 100
 223 59.7 31.9 95.9
 227 65.8 31.9 95.5



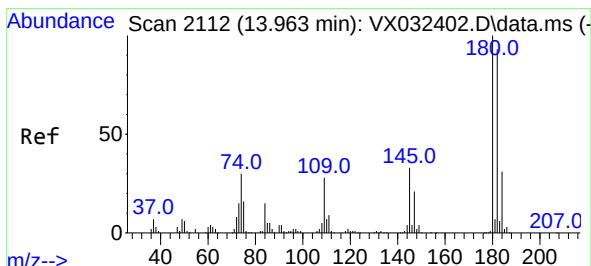
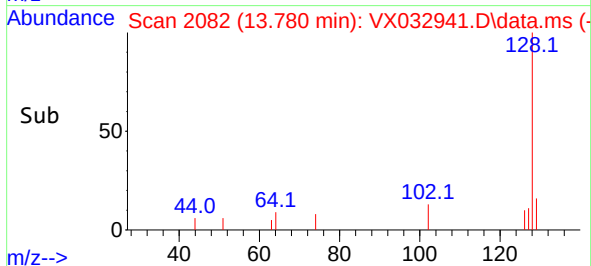
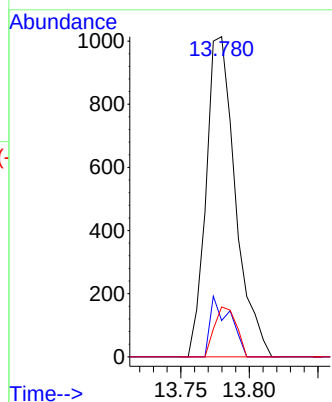


#95
Naphthalene
Concen: 0.244 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX032941.D
Acq: 21 Nov 2022 10:51

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	1508
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	11.7	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 0.330 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX032941.D
Acq: 21 Nov 2022 10:51

Tgt Ion:	180	Resp:	622
Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.5	142.6
145	32.3	16.9	50.6

