

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102822\
 Data File : VX032468.D
 Acq On : 28 Oct 2022 18:32
 Operator : JC/MD
 Sample : N5193-06ME
 Misc : 4.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LSP-SS-03-03-05ME

Quant Time: Oct 29 04:34:22 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)

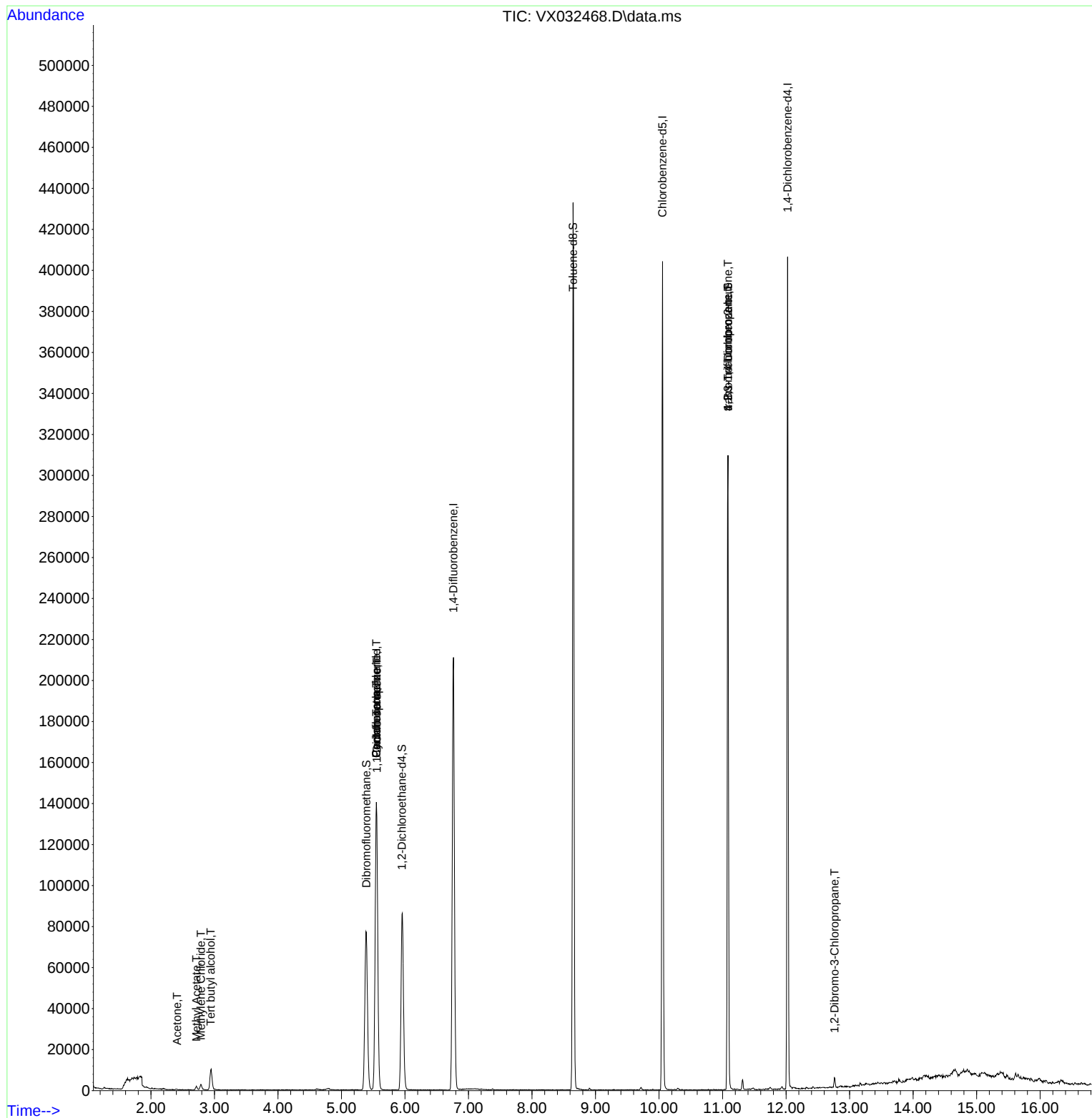
Internal Standards						
1) Pentafluorobenzene	5.550	168	130711	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	212310	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82466	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86446	47.597	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.200%		
35) Dibromofluoromethane	5.391	113	66178	43.698	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.400%		
50) Toluene-d8	8.647	98	249323	47.346	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.700%		
62) 4-Bromofluorobenzene	11.085	95	82006	39.866	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	79.740%#		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	6545	24.759	ug/l #	72
16) Acetone	2.410	43	498	0.754	ug/l #	45
18) Methyl Acetate	2.715	43	2182	1.017	ug/l #	90
20) Methylene Chloride	2.788	84	1511	0.998	ug/l #	82
31) Cyclohexane	5.550	56	2939	1.335	ug/l #	10
36) 1,1-Dichloropropene	5.556	75	10489	4.974	ug/l #	49
38) Carbon Tetrachloride	5.550	117	13576	5.804	ug/l #	16
76) 1,2,3-Trichloropropane	11.085	75	43657	23.796	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	43657	75.718	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	12.762	75	110	0.239	ug/l #	1

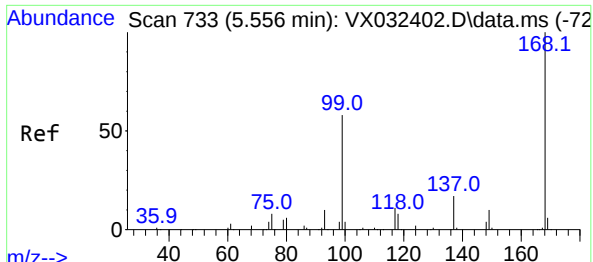
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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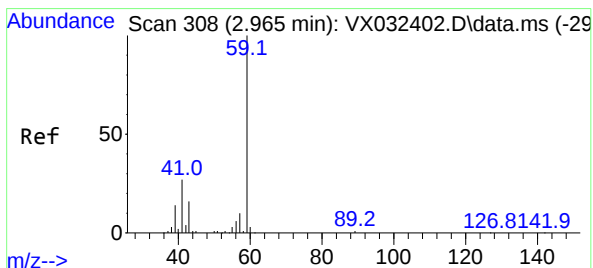
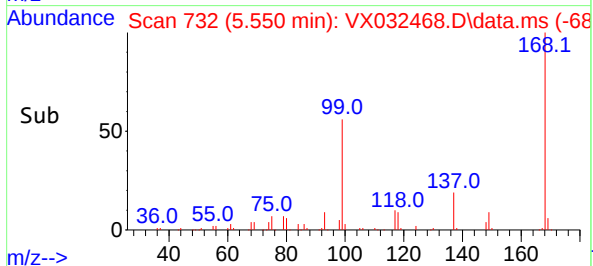
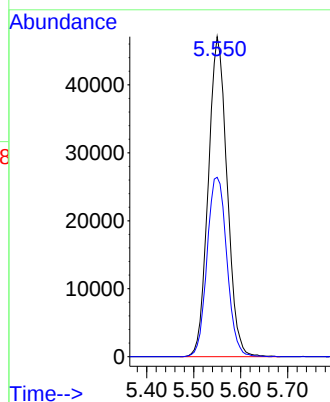
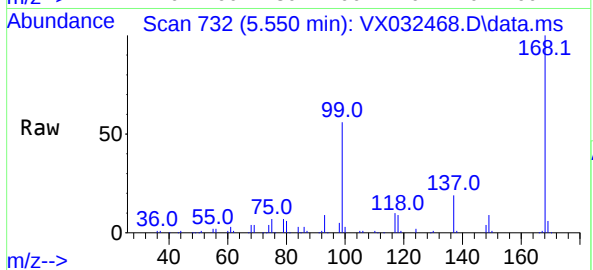




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032468.D
Acq: 28 Oct 2022 18:32

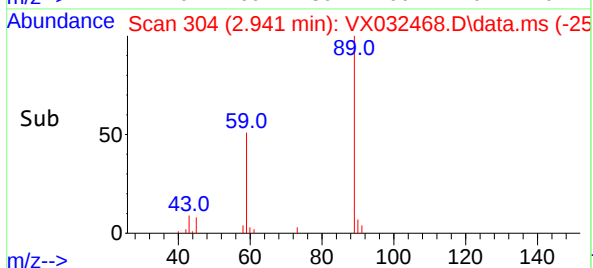
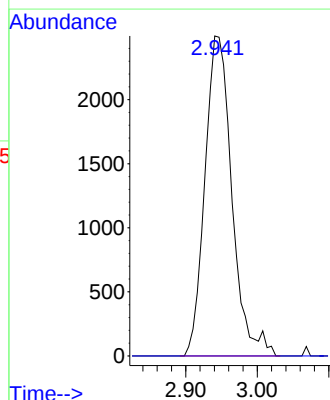
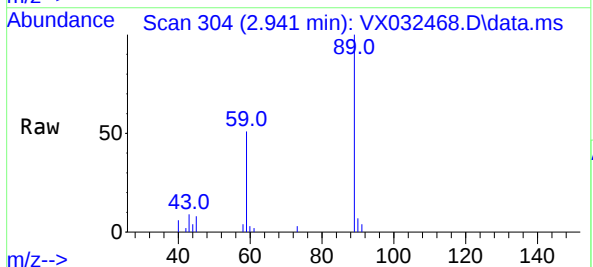
Instrument :
MSVOA_X
ClientSampleId :
LSP-SS-03-03-05ME

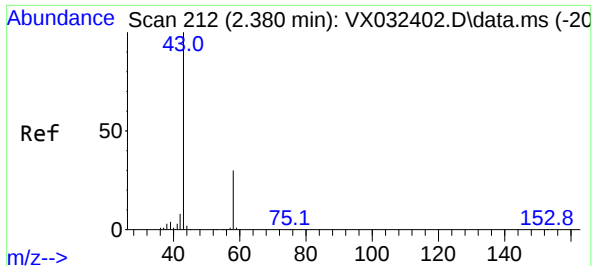
Tgt Ion:168 Resp: 130711
Ion Ratio Lower Upper
168 100
99 56.1 46.1 69.1



#11
Tert butyl alcohol
Concen: 24.759 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX032468.D
Acq: 28 Oct 2022 18:32

Tgt Ion: 59 Resp: 6545
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

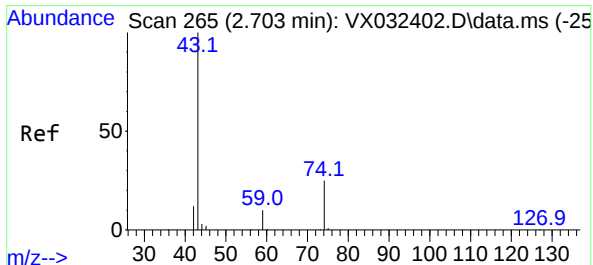
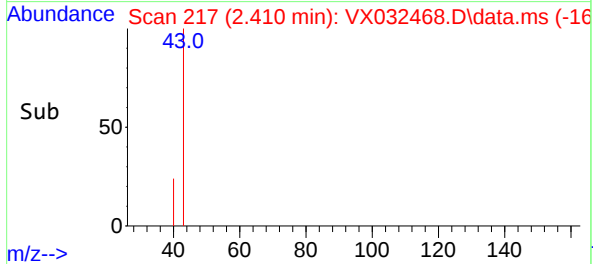
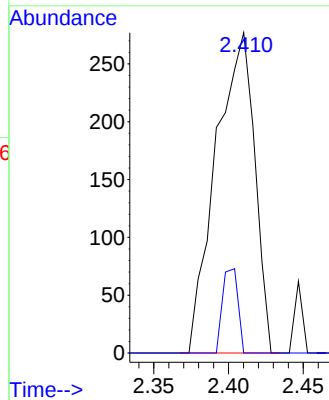
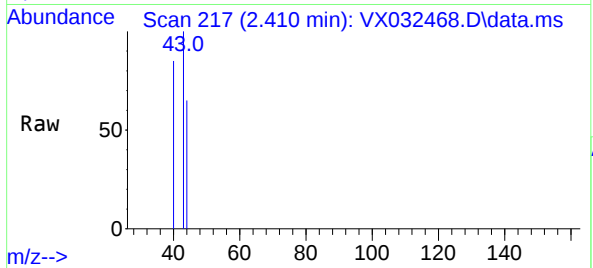




#16
Acetone
Concen: 0.754 ug/l
RT: 2.410 min Scan# 21
Delta R.T. 0.031 min
Lab File: VX032468.D
Acq: 28 Oct 2022 18:32

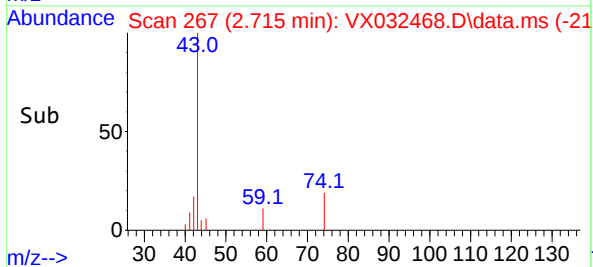
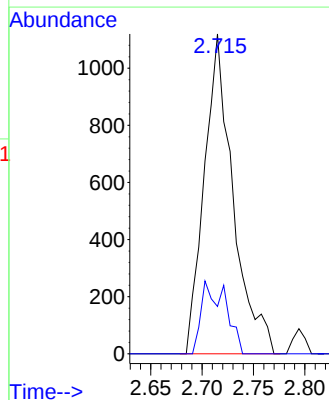
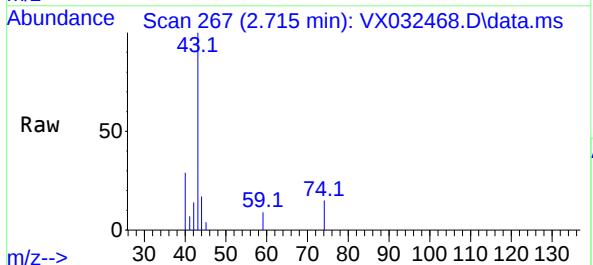
Instrument :
MSVOA_X
ClientSampleId :
LSP-SS-03-03-05ME

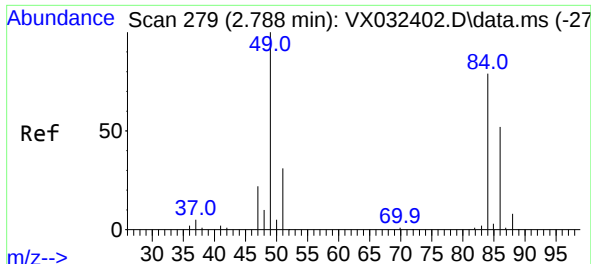
Tgt Ion: 43 Resp: 498
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#18
Methyl Acetate
Concen: 1.017 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.012 min
Lab File: VX032468.D
Acq: 28 Oct 2022 18:32

Tgt Ion: 43 Resp: 2182
Ion Ratio Lower Upper
43 100
74 19.1 19.4 29.0#



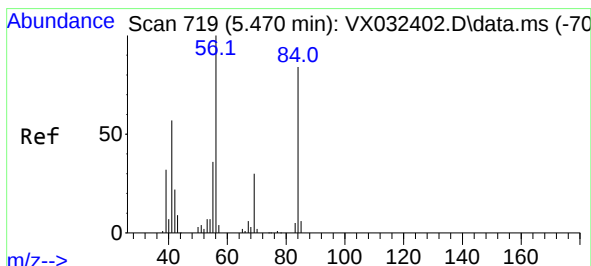
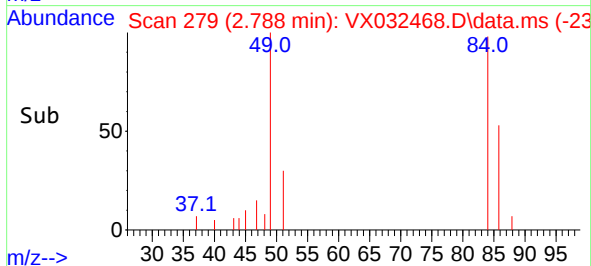
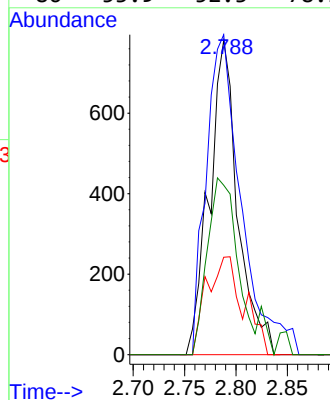
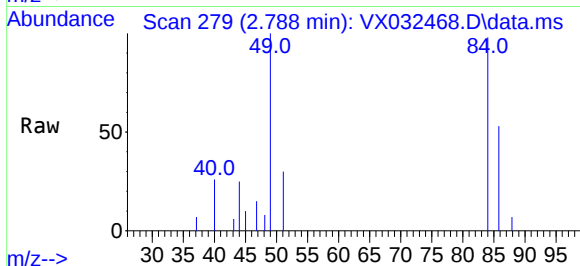


#20
Methylene Chloride
Concen: 0.998 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX032468.D
Acq: 28 Oct 2022 18:32

Instrument :
MSVOA_X
ClientSampleId :
LSP-SS-03-03-05ME

Tgt Ion: 84 Resp: 1511

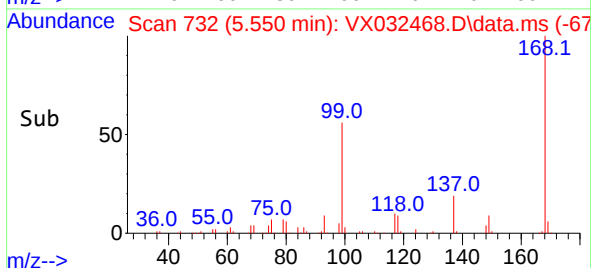
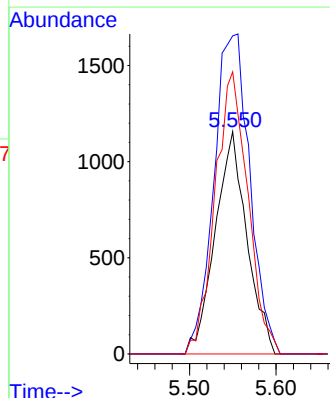
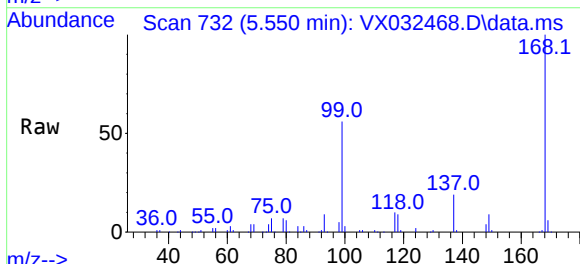
Ion	Ratio	Lower	Upper
84	100		
49	101.8	101.0	151.6
51	31.0	31.1	46.7#
86	53.9	52.3	78.5

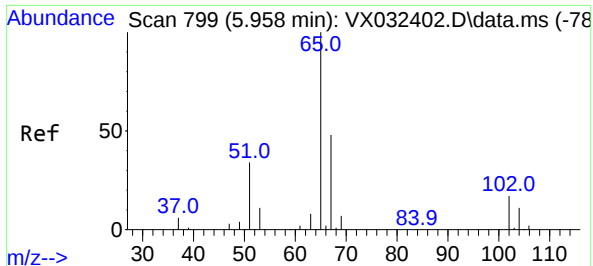


#31
Cyclohexane
Concen: 1.335 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX032468.D
Acq: 28 Oct 2022 18:32

Tgt Ion: 56 Resp: 2939

Ion	Ratio	Lower	Upper
56	100		
69	143.1	24.1	36.1#
84	126.9	66.9	100.3#





#33

1,2-Dichloroethane-d4

Concen: 47.597 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX032468.D

Acq: 28 Oct 2022 18:32

Instrument :

MSVOA_X

ClientSampleId :

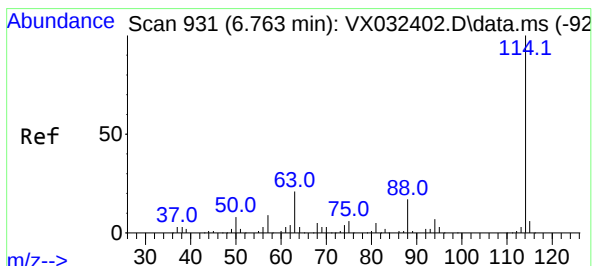
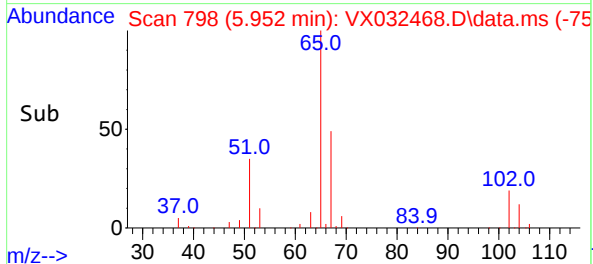
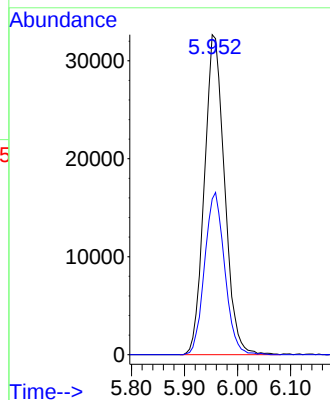
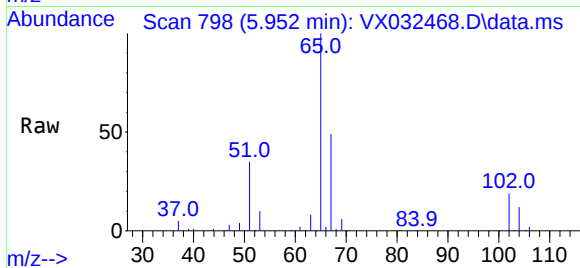
LSP-SS-03-03-05ME

Tgt Ion: 65 Resp: 86446

Ion Ratio Lower Upper

65 100

67 50.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032468.D

Acq: 28 Oct 2022 18:32

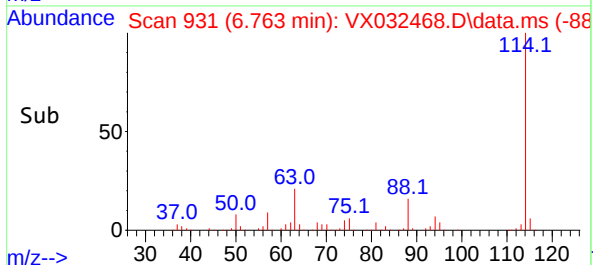
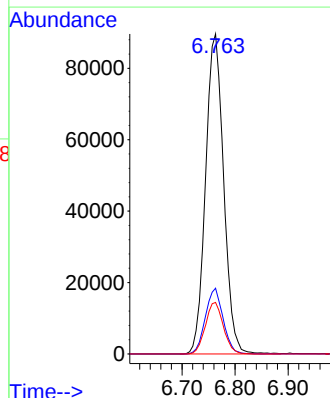
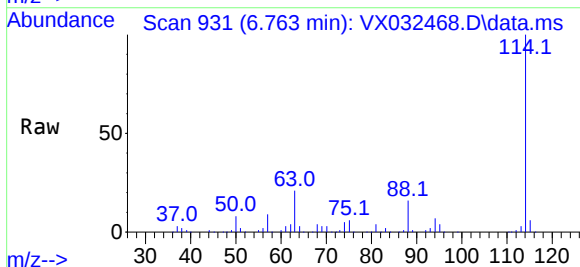
Tgt Ion: 114 Resp: 212310

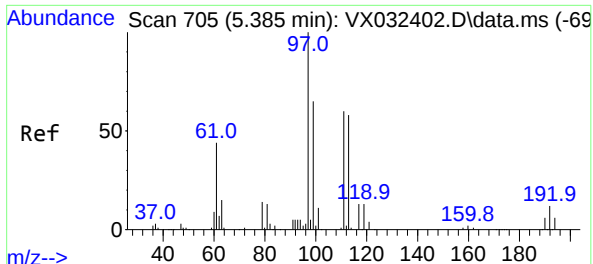
Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.6

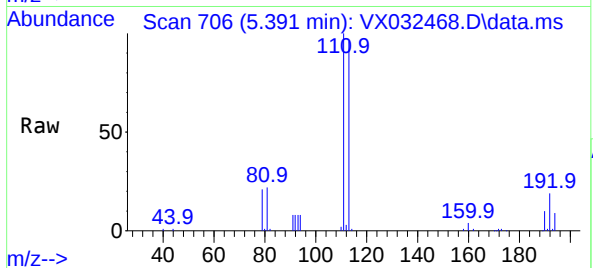
88 16.1 0.0 33.4



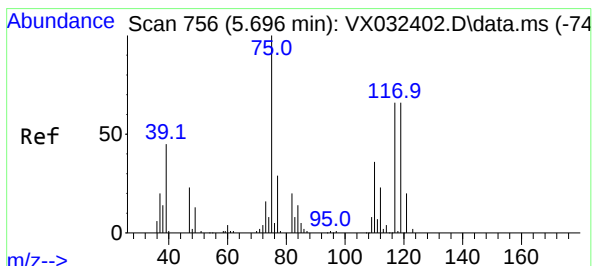
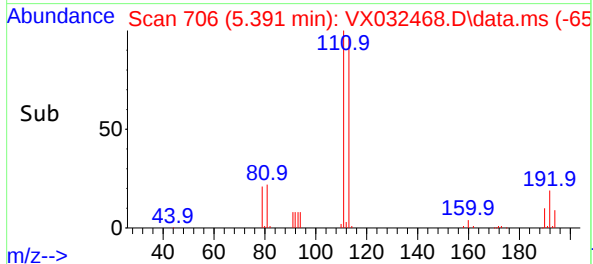
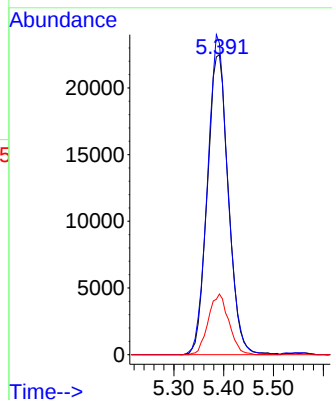


#35
Dibromofluoromethane
Concen: 43.698 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032468.D
Acq: 28 Oct 2022 18:32

Instrument :
MSVOA_X
ClientSampleId :
LSP-SS-03-03-05ME

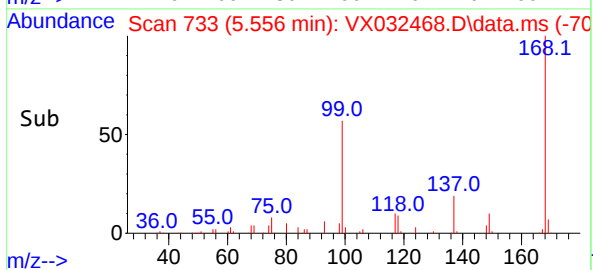
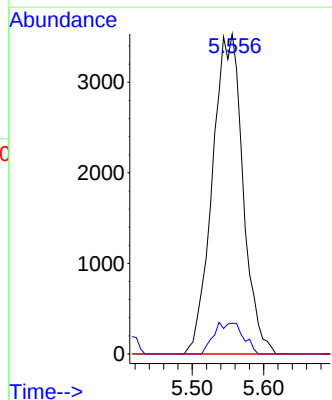
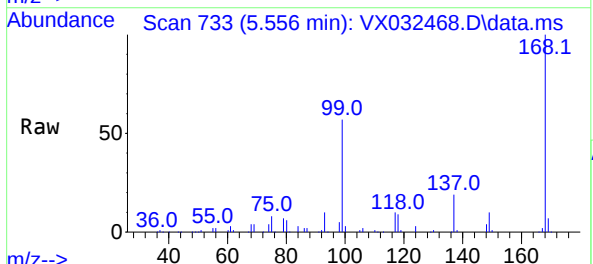


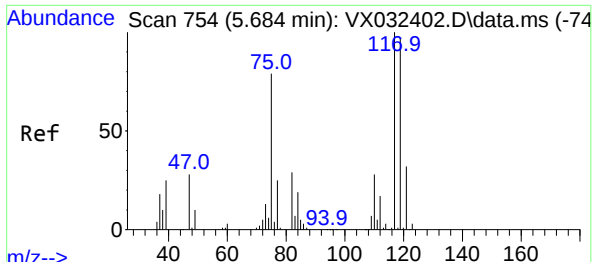
Tgt Ion:113 Resp: 66178
Ion Ratio Lower Upper
113 100
111 102.7 82.4 123.6
192 19.7 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.974 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX032468.D
Acq: 28 Oct 2022 18:32

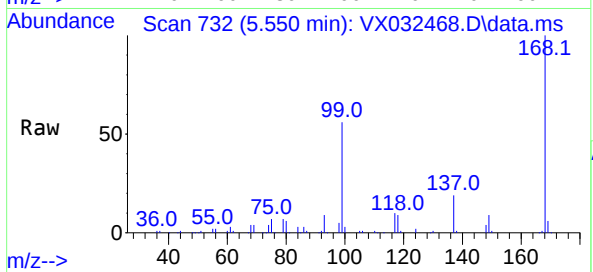
Tgt Ion: 75 Resp: 10489
Ion Ratio Lower Upper
75 100
110 9.3 18.4 55.2#
77 0.0 24.5 36.7#



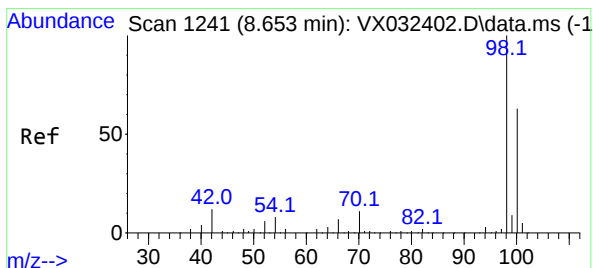
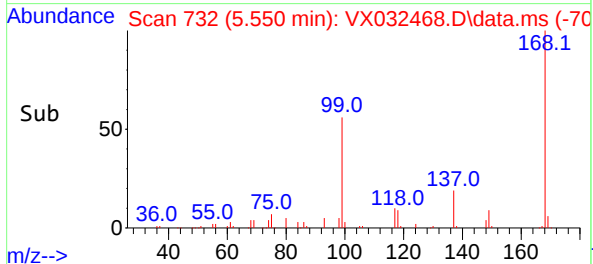
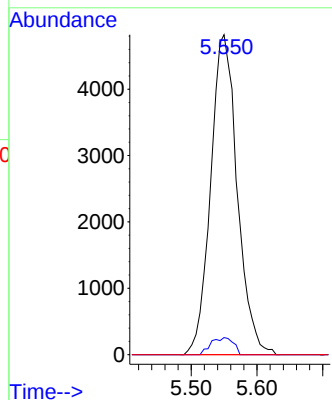


#38
Carbon Tetrachloride
Concen: 5.804 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX032468.D
Acq: 28 Oct 2022 18:32

Instrument :
MSVOA_X
ClientSampleId :
LSP-SS-03-03-05ME

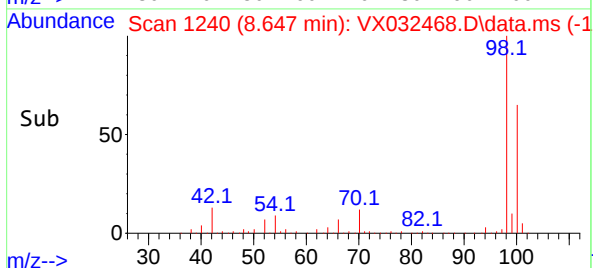
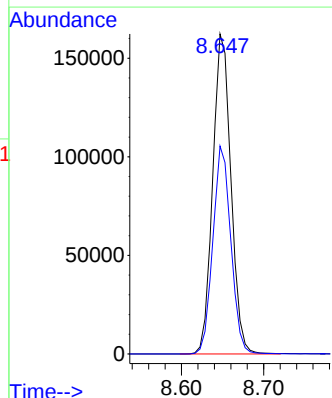
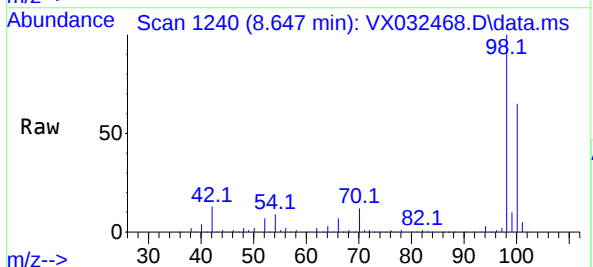


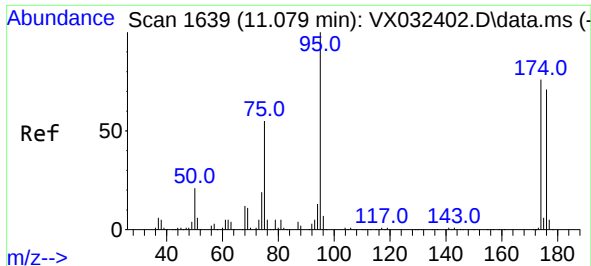
Tgt Ion:117 Resp: 13576
Ion Ratio Lower Upper
117 100
119 5.3 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 47.346 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032468.D
Acq: 28 Oct 2022 18:32

Tgt Ion: 98 Resp: 249323
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3

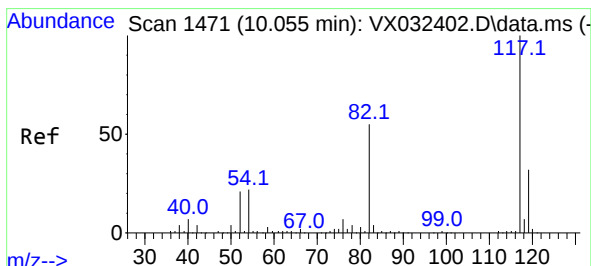
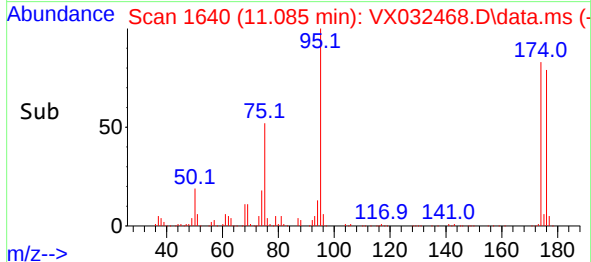
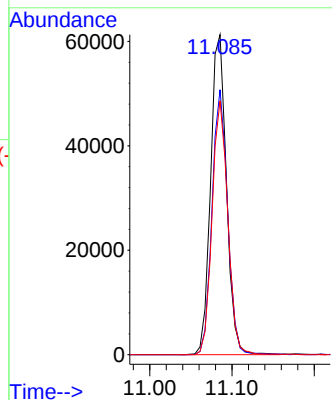
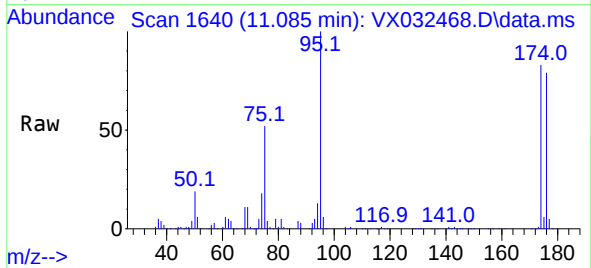




#62
4-Bromofluorobenzene
Concen: 39.866 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX032468.D
Acq: 28 Oct 2022 18:32

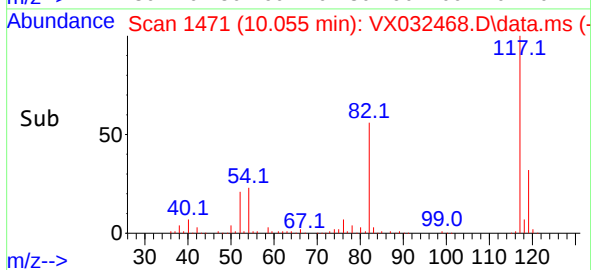
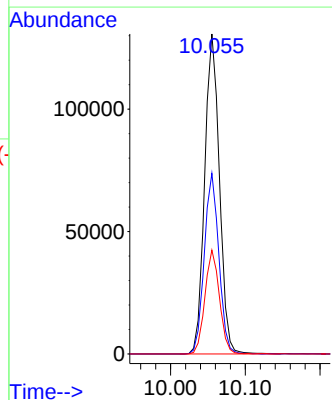
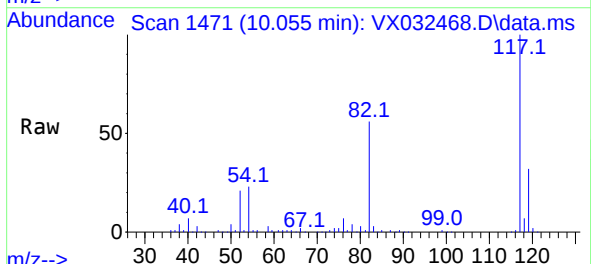
Instrument :
MSVOA_X
ClientSampleId :
LSP-SS-03-03-05ME

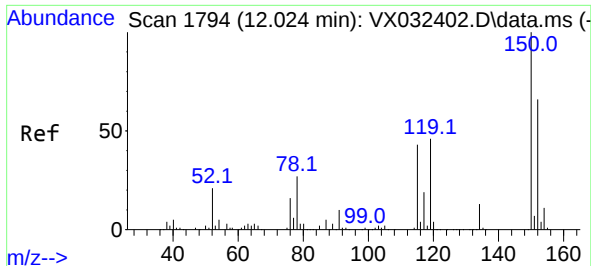
Tgt Ion: 95 Resp: 82006
Ion Ratio Lower Upper
95 100
174 81.3 0.0 164.0
176 78.6 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032468.D
Acq: 28 Oct 2022 18:32

Tgt Ion: 117 Resp: 179197
Ion Ratio Lower Upper
117 100
82 56.5 44.3 66.5
119 32.4 25.7 38.5

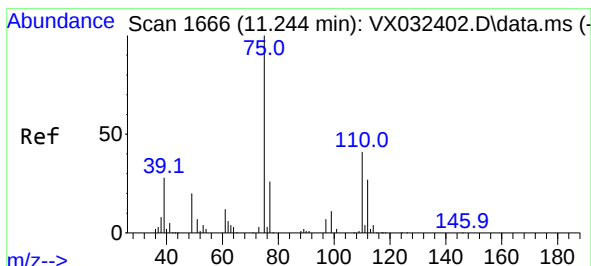
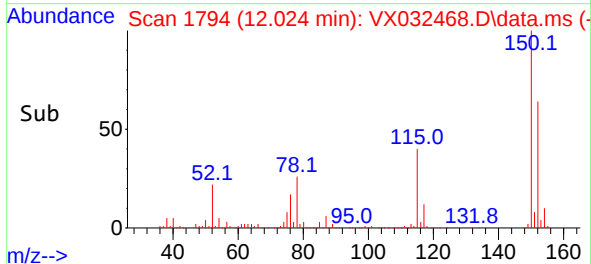
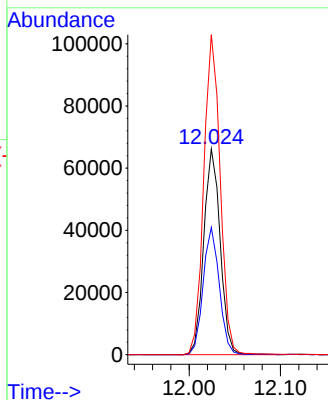
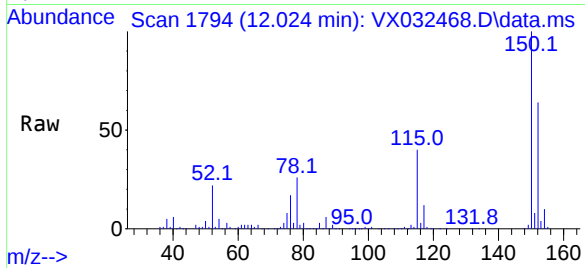




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032468.D
Acq: 28 Oct 2022 18:32

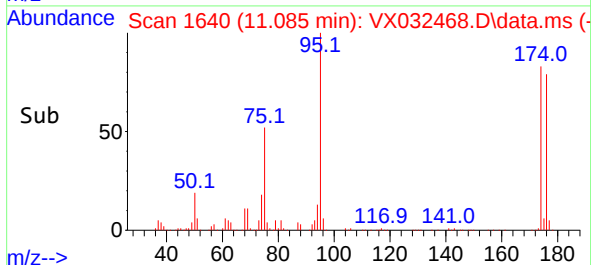
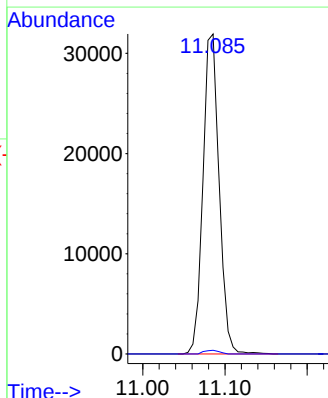
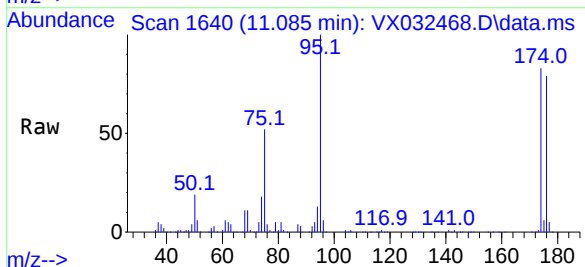
Instrument :
MSVOA_X
ClientSampleId :
LSP-SS-03-03-05ME

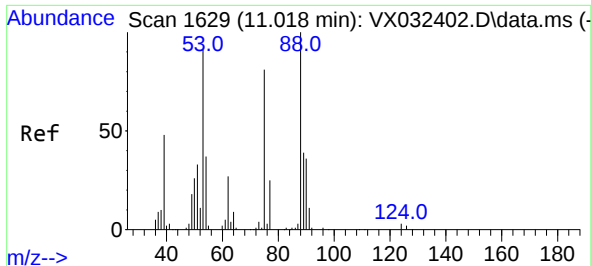
Tgt Ion:152 Resp: 82466
Ion Ratio Lower Upper
152 100
115 61.2 44.0 132.0
150 156.2 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 23.796 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX032468.D
Acq: 28 Oct 2022 18:32

Tgt Ion: 75 Resp: 43657
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#

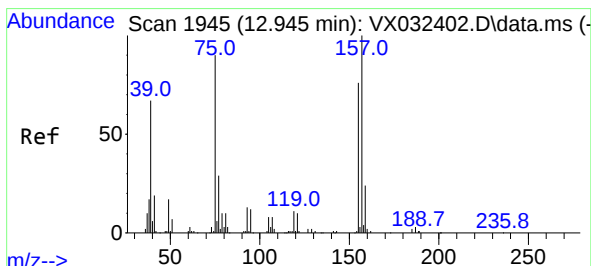
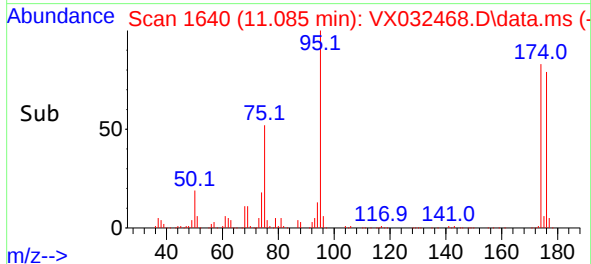
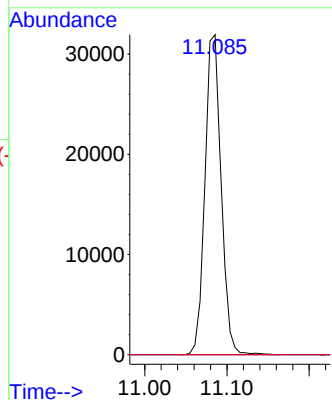
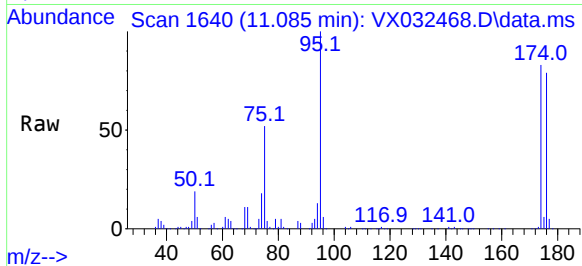




#81
trans-1,4-Dichloro-2-butene
Concen: 75.718 ug/l
RT: 11.085 min Scan# 11085
Delta R.T. 0.067 min
Lab File: VX032468.D
Acq: 28 Oct 2022 18:32

Instrument :
MSVOA_X
ClientSampleId :
LSP-SS-03-03-05ME

Tgt Ion: 75 Resp: 43657
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.239 ug/l
RT: 12.762 min Scan# 1915
Delta R.T. -0.183 min
Lab File: VX032468.D
Acq: 28 Oct 2022 18:32

Tgt Ion: 75 Resp: 110
Ion Ratio Lower Upper
75 100
155 0.0 41.6 124.8#
157 0.0 54.1 162.4#

