

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102822\
 Data File : VX032467.D
 Acq On : 28 Oct 2022 18:08
 Operator : JC/MD
 Sample : N5193-03ME
 Misc : 4.56g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LSP-SS-02-01-03ME

Quant Time: Oct 29 04:34:11 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)

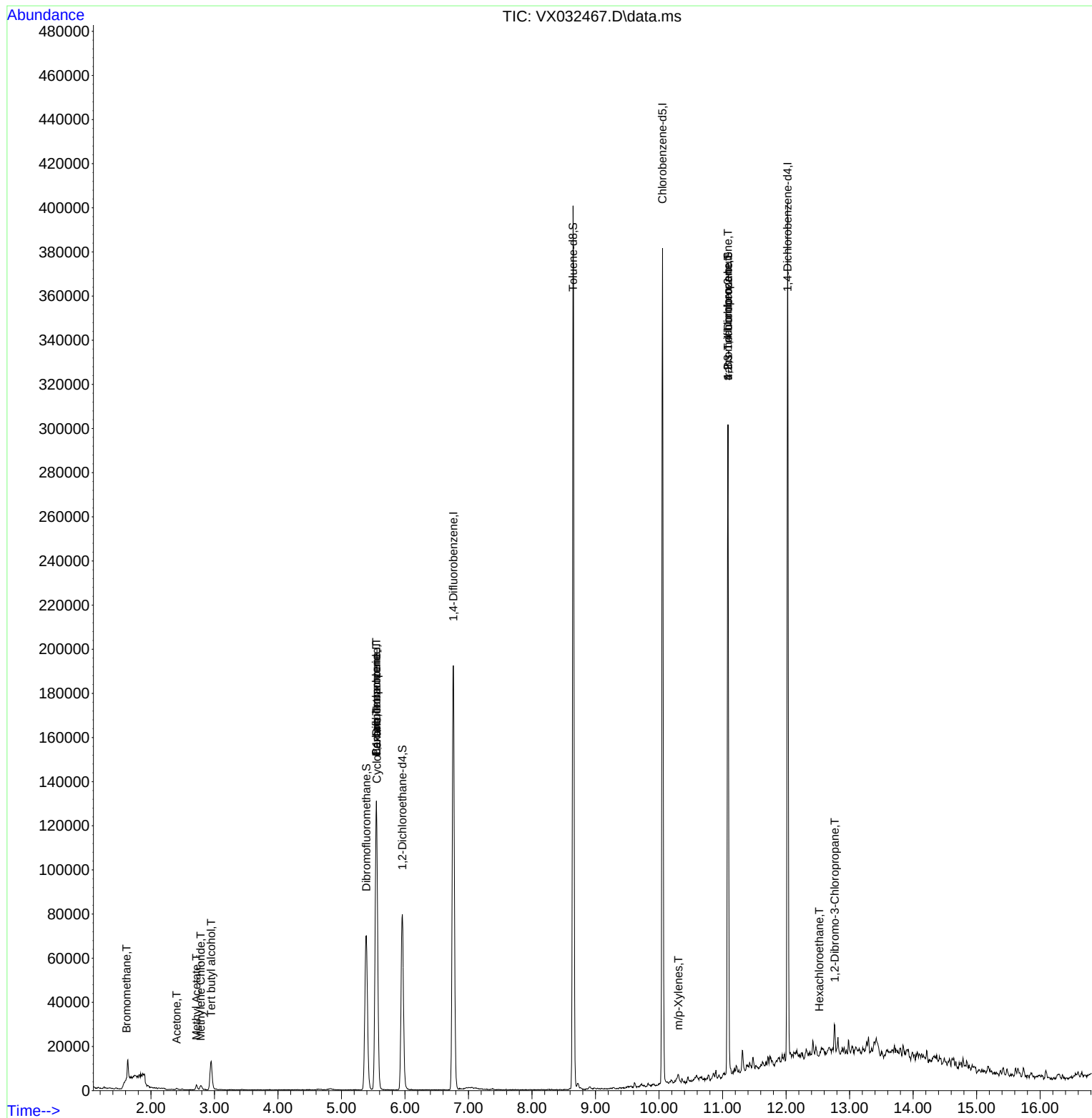
Internal Standards						
1) Pentafluorobenzene	5.550	168	120709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	195032	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	166532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77839	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80624	48.070	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.140%		
35) Dibromofluoromethane	5.391	113	60774	43.685	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.380%		
50) Toluene-d8	8.647	98	232357	48.033	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.060%		
62) 4-Bromofluorobenzene	11.085	95	77187	40.848	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	81.700%#		
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	217	0.210	ug/l #	65
11) Tert butyl alcohol	2.947	59	8638	35.385	ug/l #	72
16) Acetone	2.404	43	856	1.404	ug/l	96
18) Methyl Acetate	2.715	43	2973	1.500	ug/l	94
20) Methylene Chloride	2.782	84	1021	0.730	ug/l #	93
31) Cyclohexane	5.556	56	2766	1.360	ug/l #	32
36) 1,1-Dichloropropene	5.550	75	9874	5.097	ug/l #	50
38) Carbon Tetrachloride	5.550	117	12703	5.912	ug/l #	15
68) m/p-Xylenes	10.305	106	821	0.317	ug/l	94
76) 1,2,3-Trichloropropane	11.085	75	41989	24.247	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	41989	77.154	ug/l #	7
90) Hexachloroethane	12.524	117	498	0.567	ug/l	57
92) 1,2-Dibromo-3-Chloropr...	12.768	75	298	0.686	ug/l #	15

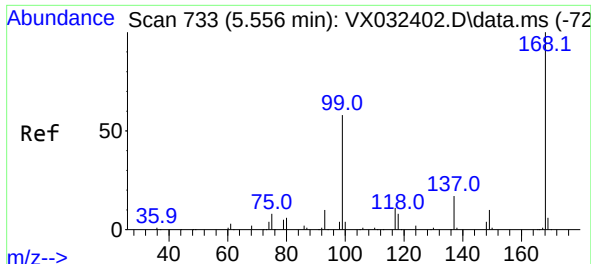
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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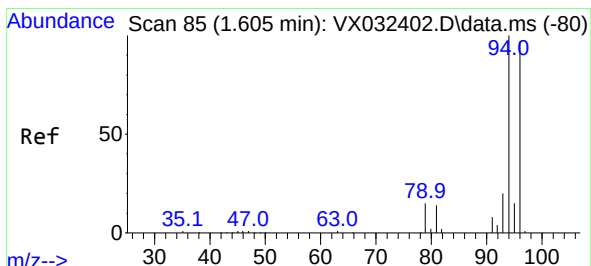
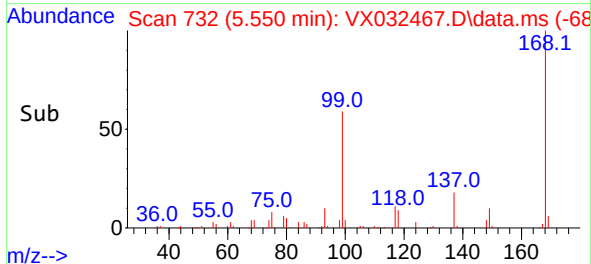
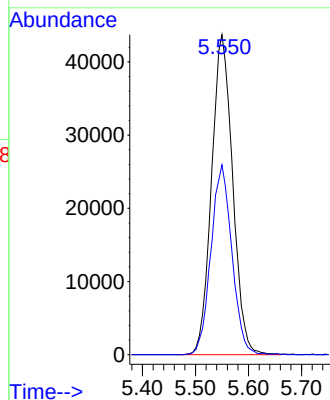
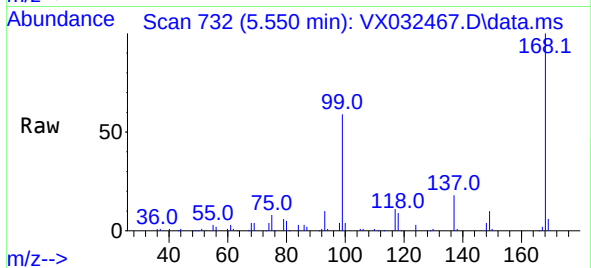




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032467.D
Acq: 28 Oct 2022 18:08

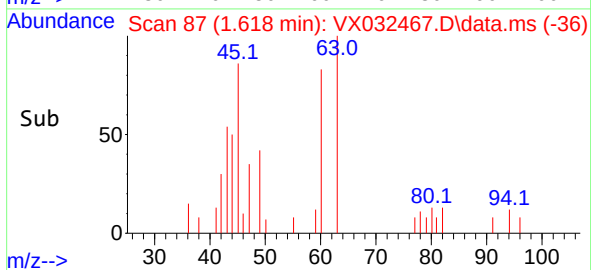
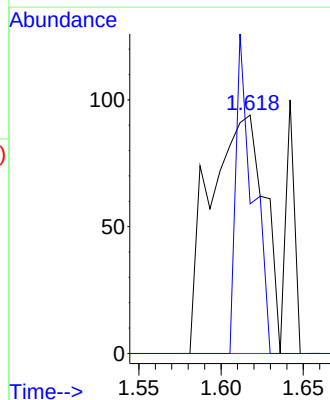
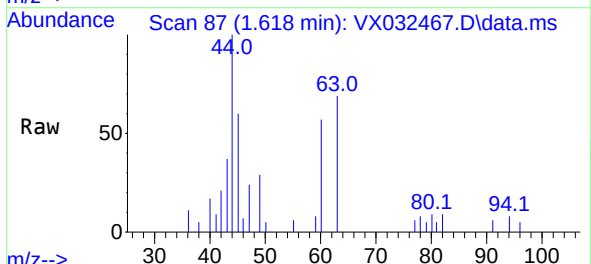
Instrument :
MSVOA_X
ClientSampleId :
LSP-SS-02-01-03ME

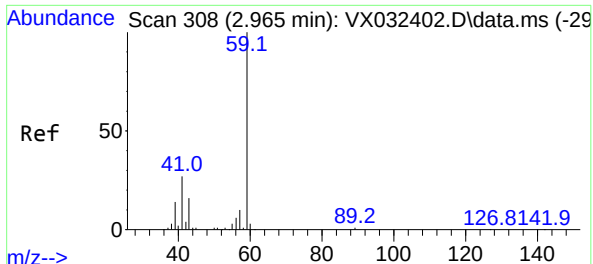
Tgt Ion:168 Resp: 120709
Ion Ratio Lower Upper
168 100
99 59.3 46.1 69.1



#5
Bromomethane
Concen: 0.210 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.012 min
Lab File: VX032467.D
Acq: 28 Oct 2022 18:08

Tgt Ion: 94 Resp: 217
Ion Ratio Lower Upper
94 100
96 62.8 77.6 116.4#





#11

Tert butyl alcohol

Concen: 35.385 ug/l

RT: 2.947 min Scan# 308

Delta R.T. -0.018 min

Lab File: VX032467.D

Acq: 28 Oct 2022 18:08

Instrument :

MSVOA_X

ClientSampleId :

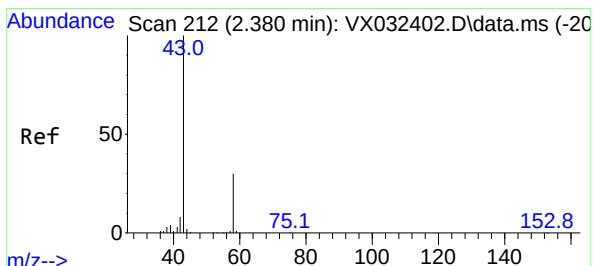
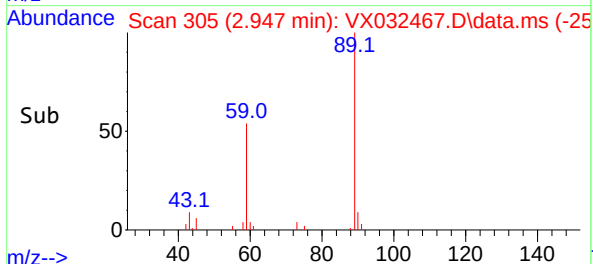
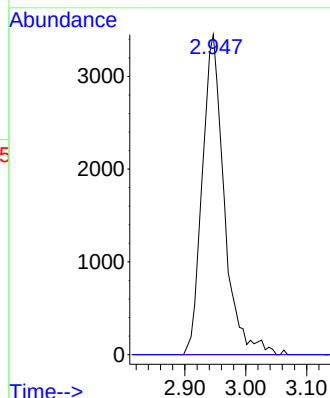
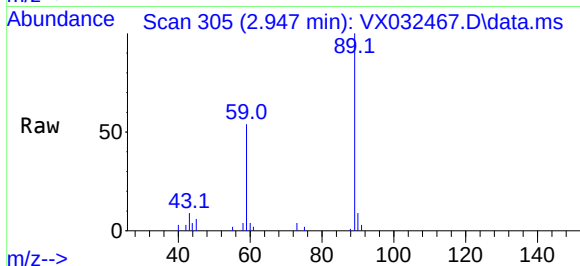
LSP-SS-02-01-03ME

Tgt Ion: 59 Resp: 8638

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 1.404 ug/l

RT: 2.404 min Scan# 216

Delta R.T. 0.025 min

Lab File: VX032467.D

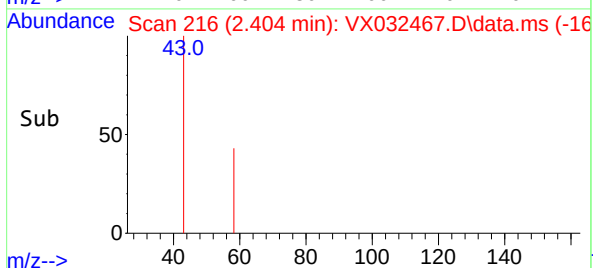
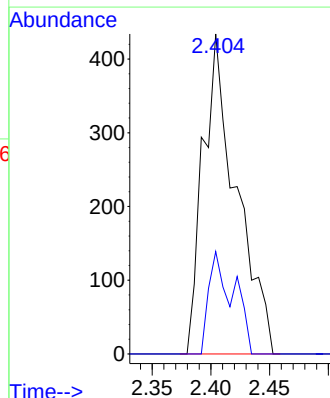
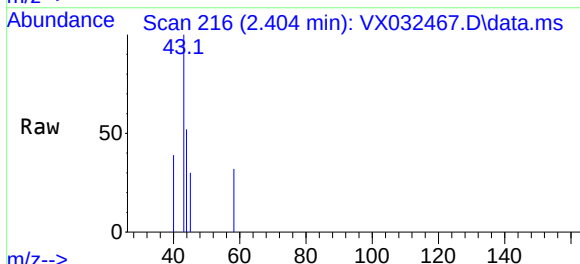
Acq: 28 Oct 2022 18:08

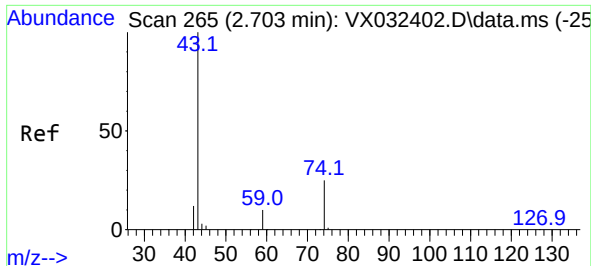
Tgt Ion: 43 Resp: 856

Ion Ratio Lower Upper

43 100

58 32.0 23.8 35.8

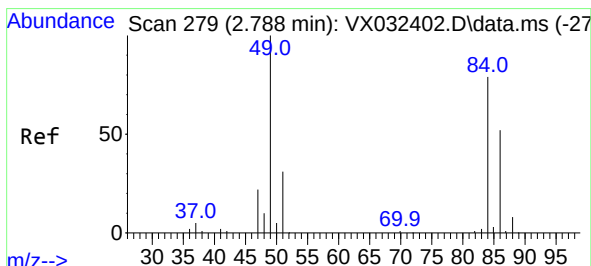
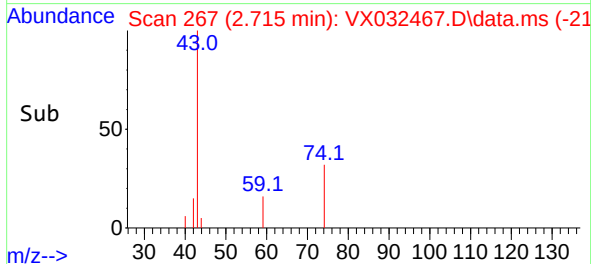
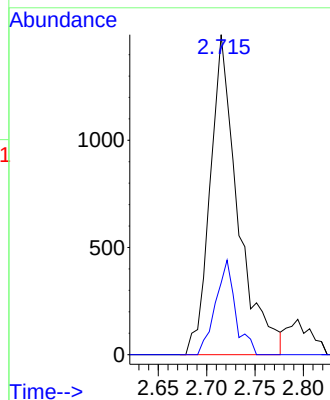
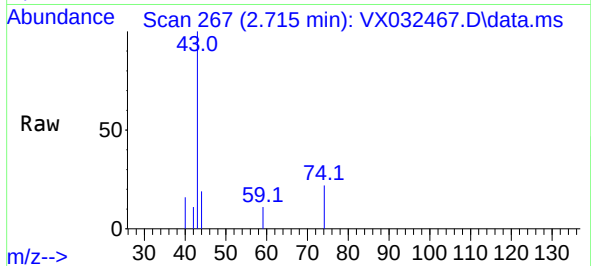




#18
Methyl Acetate
Concen: 1.500 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX032467.D
Acq: 28 Oct 2022 18:08

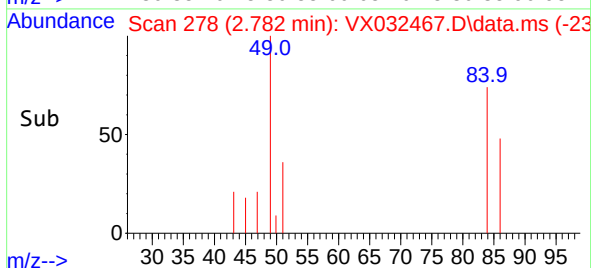
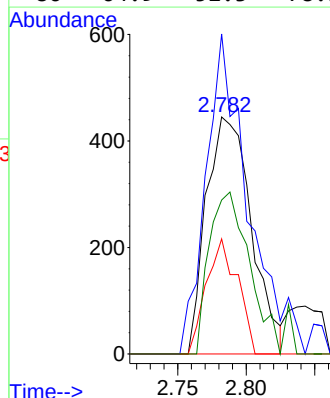
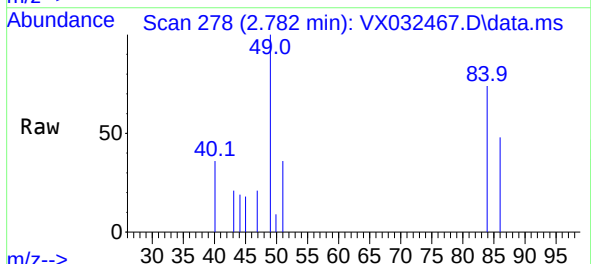
Instrument :
MSVOA_X
ClientSampleId :
LSP-SS-02-01-03ME

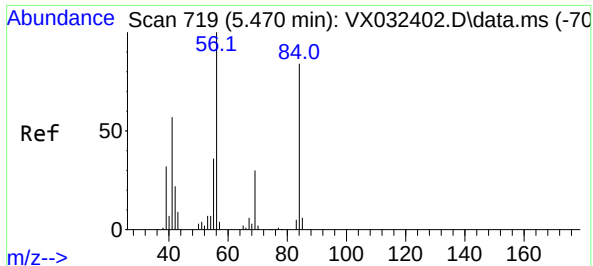
Tgt Ion: 43 Resp: 2973
Ion Ratio Lower Upper
43 100
74 21.2 19.4 29.0



#20
Methylene Chloride
Concen: 0.730 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX032467.D
Acq: 28 Oct 2022 18:08

Tgt Ion: 84 Resp: 1021
Ion Ratio Lower Upper
84 100
49 135.1 101.0 151.6
51 48.5 31.1 46.7#
86 64.9 52.3 78.5

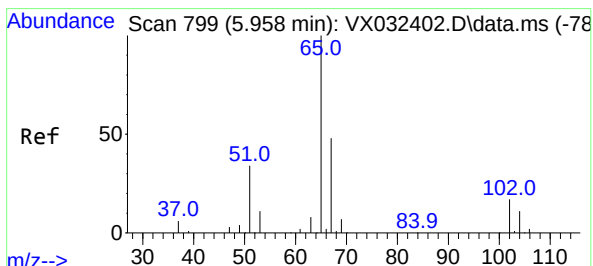
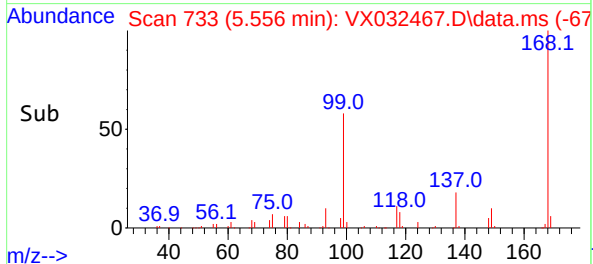
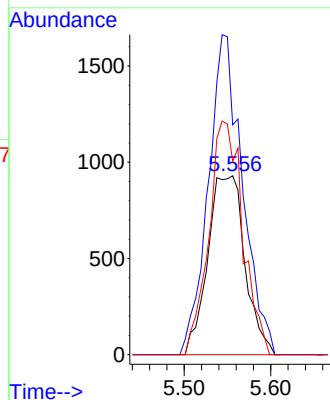
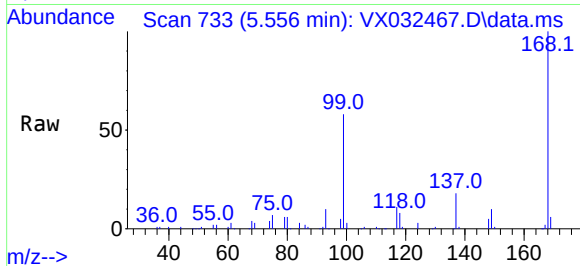




#31
Cyclohexane
Concen: 1.360 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX032467.D
Acq: 28 Oct 2022 18:08

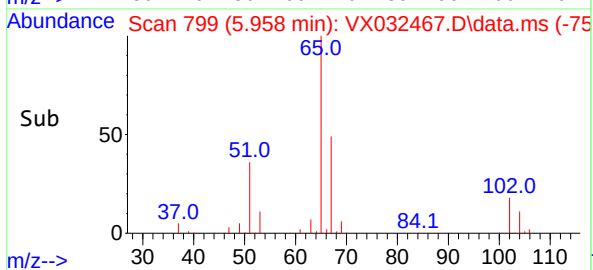
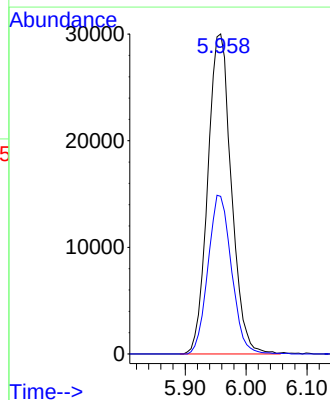
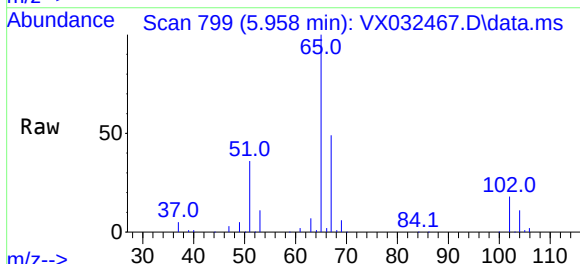
Instrument :
MSVOA_X
ClientSampleId :
LSP-SS-02-01-03ME

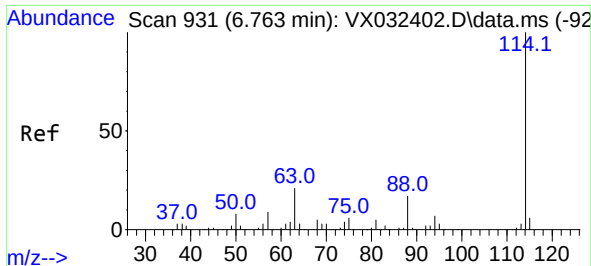
Tgt Ion: 56 Resp: 2766
Ion Ratio Lower Upper
56 100
69 128.5 24.1 36.1#
84 108.1 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 48.070 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032467.D
Acq: 28 Oct 2022 18:08

Tgt Ion: 65 Resp: 80624
Ion Ratio Lower Upper
65 100
67 49.4 0.0 101.8

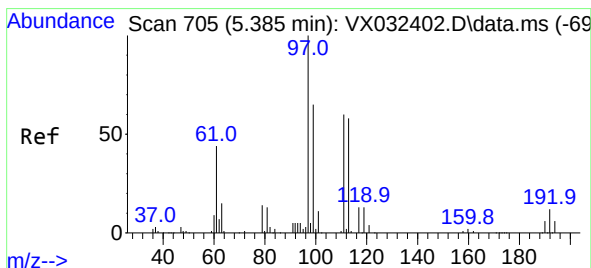
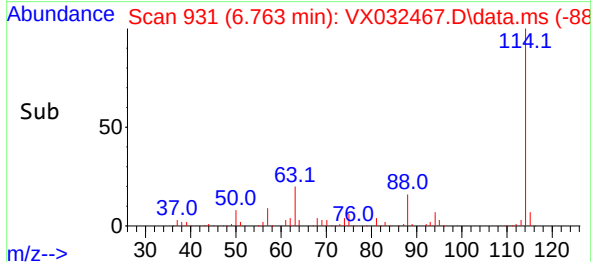
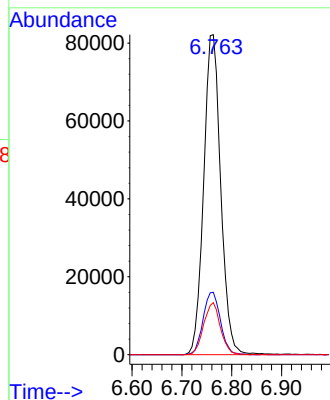
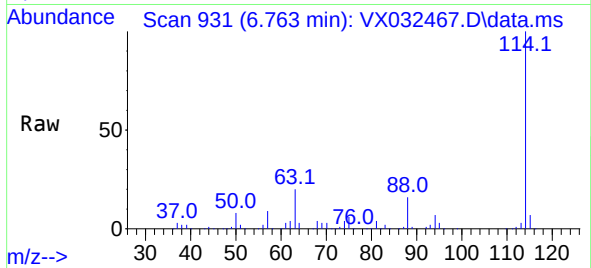




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032467.D
Acq: 28 Oct 2022 18:08

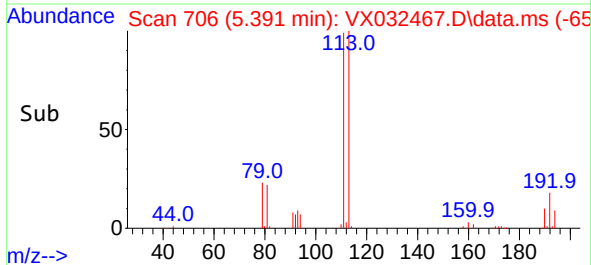
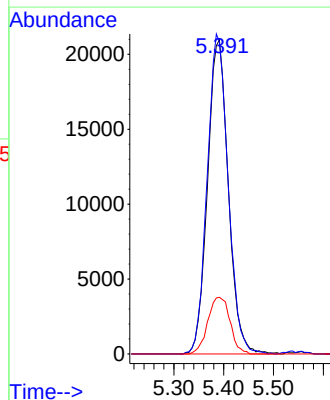
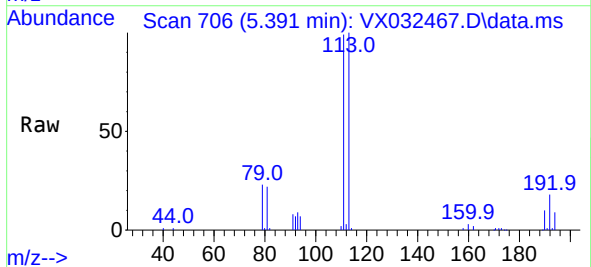
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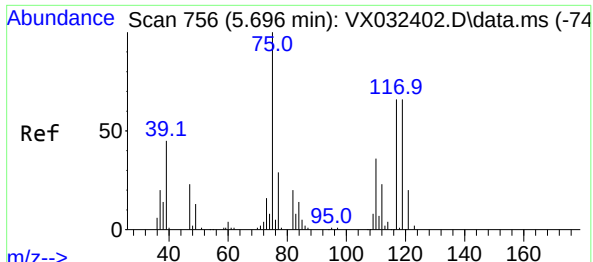
Tgt Ion:114 Resp: 195032
Ion Ratio Lower Upper
114 100
63 19.5 0.0 41.6
88 16.2 0.0 33.4



#35
Dibromofluoromethane
Concen: 43.685 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032467.D
Acq: 28 Oct 2022 18:08

Tgt Ion:113 Resp: 60774
Ion Ratio Lower Upper
113 100
111 102.2 82.4 123.6
192 19.2 15.4 23.2

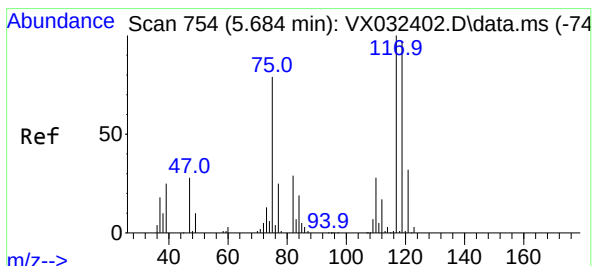
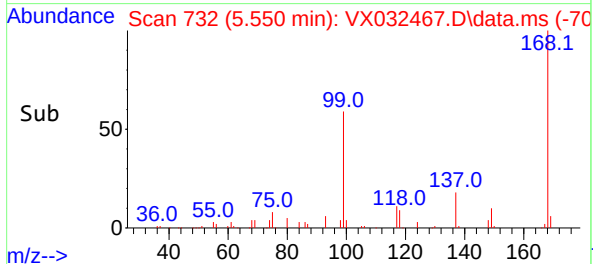
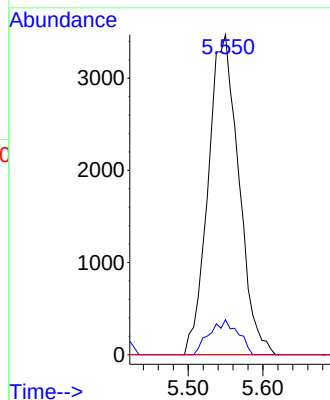
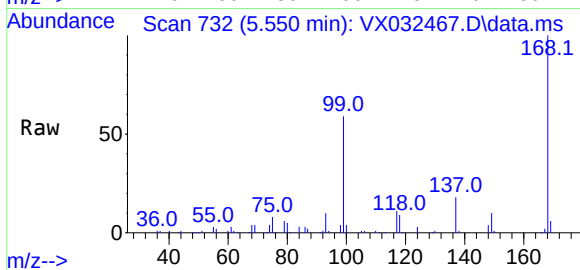




#36
1,1-Dichloropropene
Concen: 5.097 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX032467.D
Acq: 28 Oct 2022 18:08

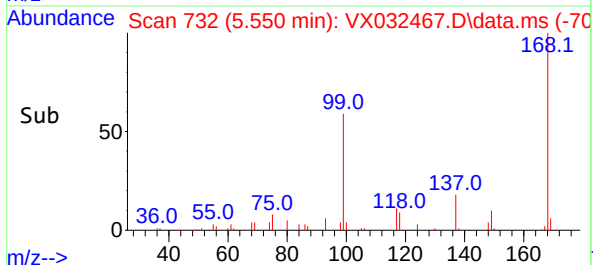
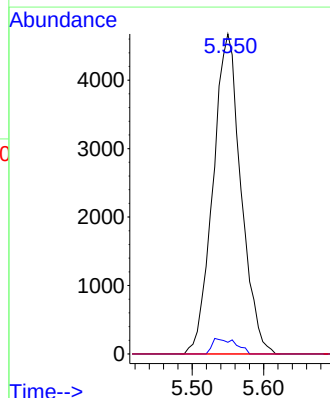
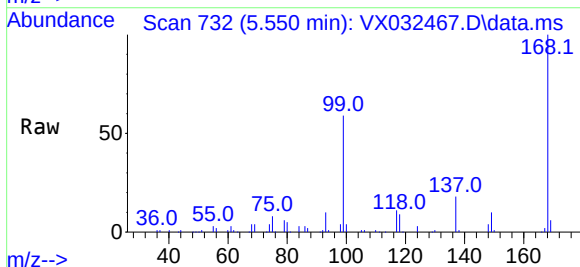
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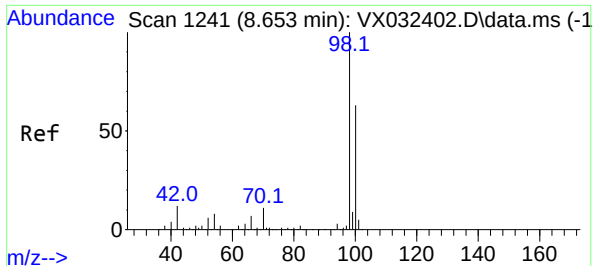
Tgt Ion: 75 Resp: 9874
Ion Ratio Lower Upper
75 100
110 10.2 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.912 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX032467.D
Acq: 28 Oct 2022 18:08

Tgt Ion: 117 Resp: 12703
Ion Ratio Lower Upper
117 100
119 3.7 77.2 115.8#
121 0.0 25.8 38.6#

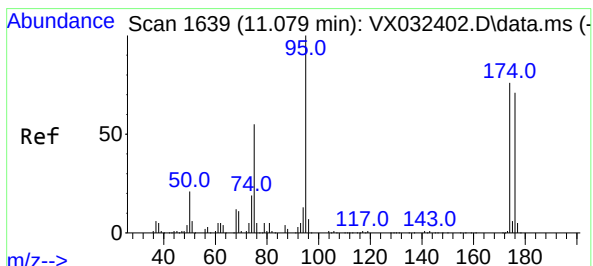
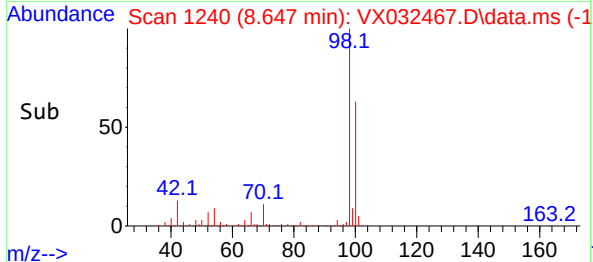
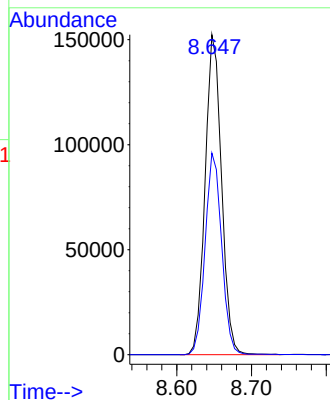
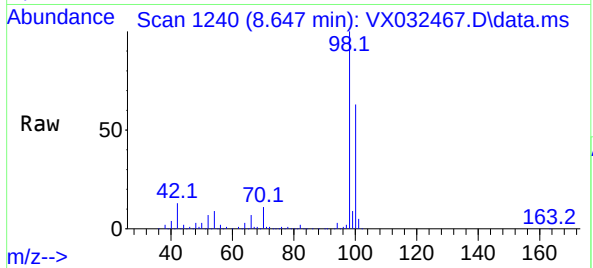




#50
Toluene-d8
Concen: 48.033 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032467.D
Acq: 28 Oct 2022 18:08

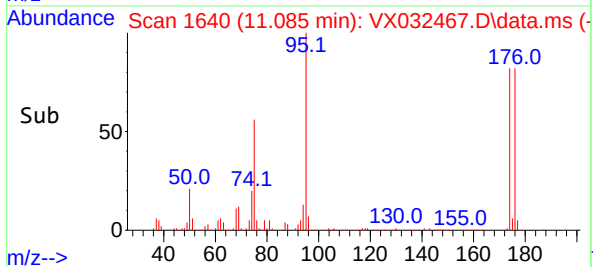
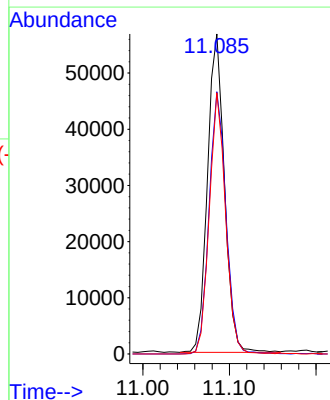
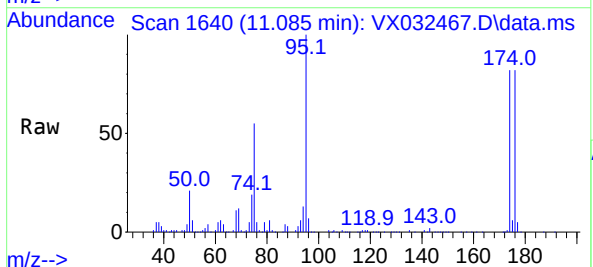
Instrument :
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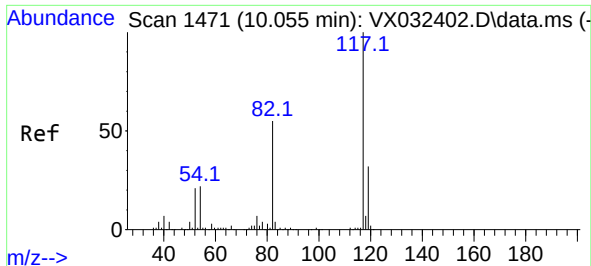
Tgt Ion: 98 Resp: 232357
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 40.848 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX032467.D
Acq: 28 Oct 2022 18:08

Tgt Ion: 95 Resp: 77187
Ion Ratio Lower Upper
95 100
174 82.2 0.0 164.0
176 78.6 0.0 154.4

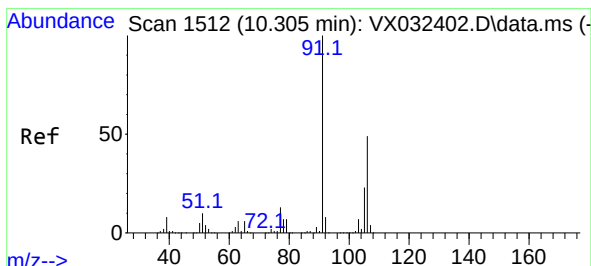
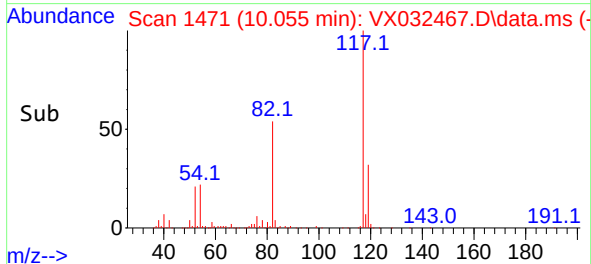
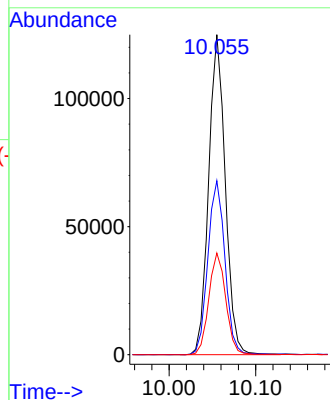
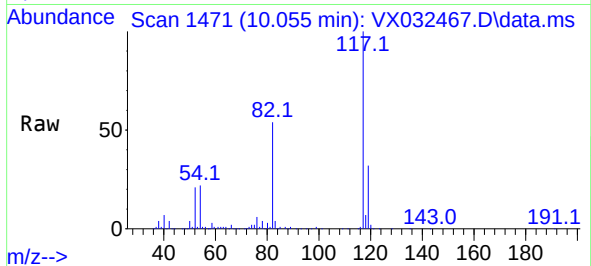




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032467.D
Acq: 28 Oct 2022 18:08

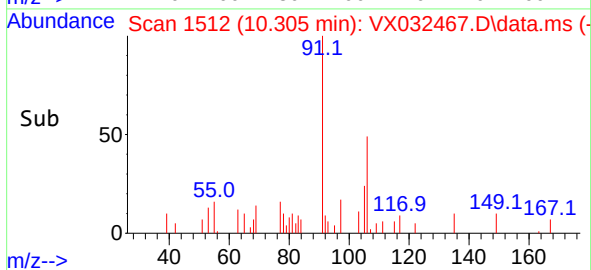
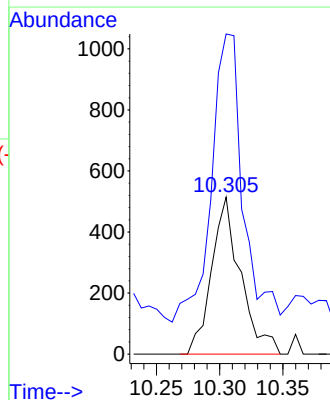
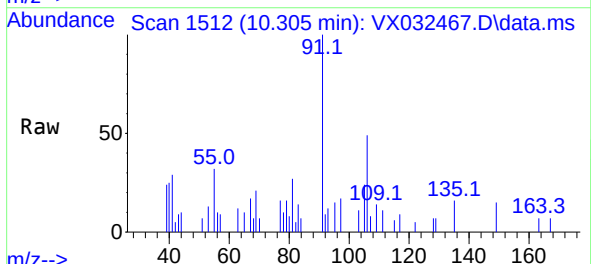
Instrument :
MSVOA_X
ClientSampleId :
LSP-SS-02-01-03ME

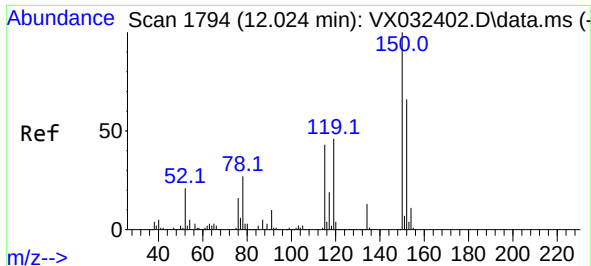
Tgt Ion:117 Resp: 166532
Ion Ratio Lower Upper
117 100
82 54.3 44.3 66.5
119 31.8 25.7 38.5



#68
m/p-Xylenes
Concen: 0.317 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX032467.D
Acq: 28 Oct 2022 18:08

Tgt Ion:106 Resp: 821
Ion Ratio Lower Upper
106 100
91 196.5 164.5 246.7

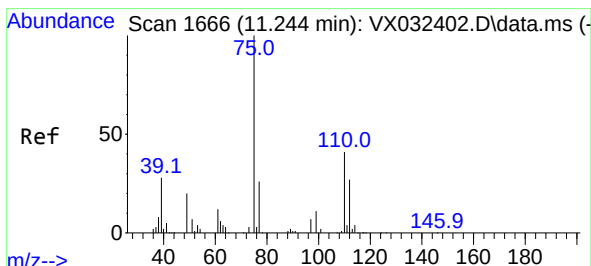
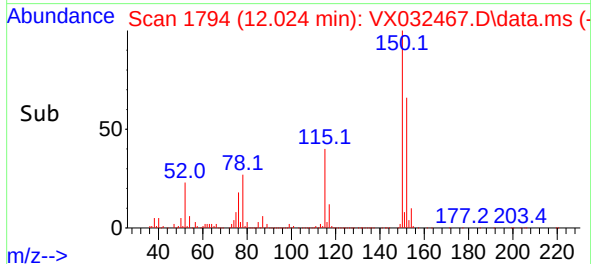
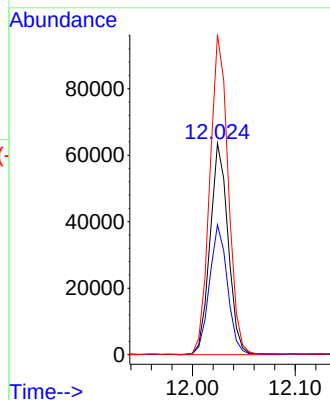
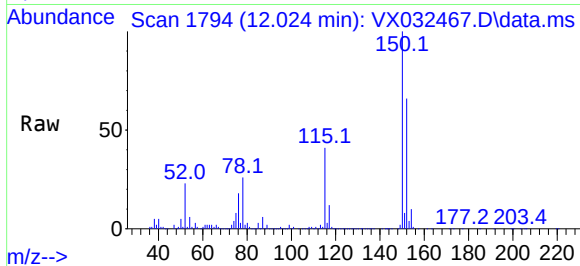




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032467.D
Acq: 28 Oct 2022 18:08

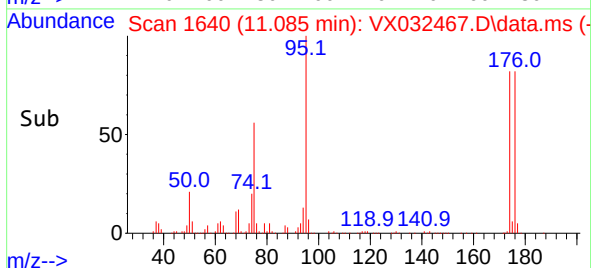
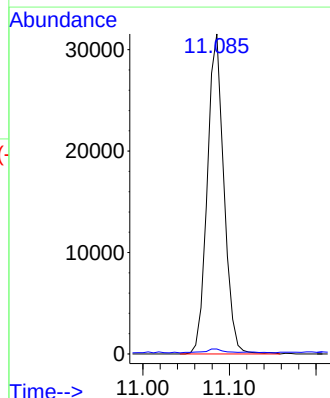
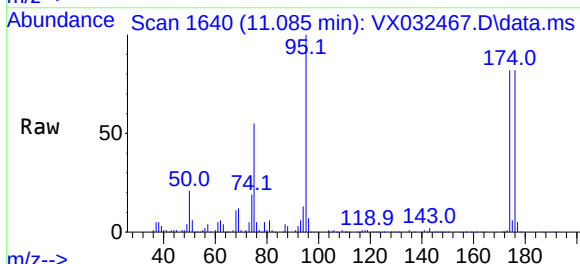
Instrument :
MSVOA_X
ClientSampleId :
LSP-SS-02-01-03ME

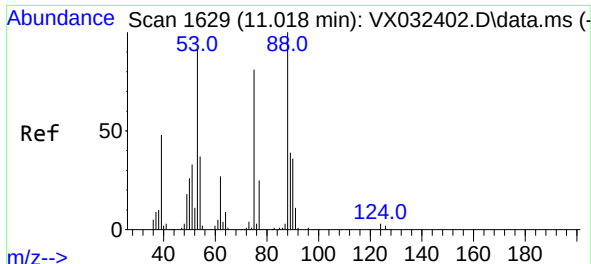
Tgt Ion:152 Resp: 77839
Ion Ratio Lower Upper
152 100
115 61.0 44.0 132.0
150 154.4 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 24.247 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX032467.D
Acq: 28 Oct 2022 18:08

Tgt Ion: 75 Resp: 41989
Ion Ratio Lower Upper
75 100
77 1.3 20.0 60.0#

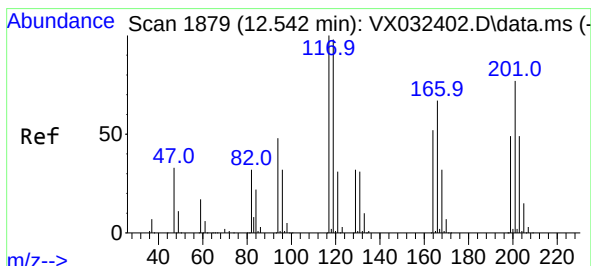
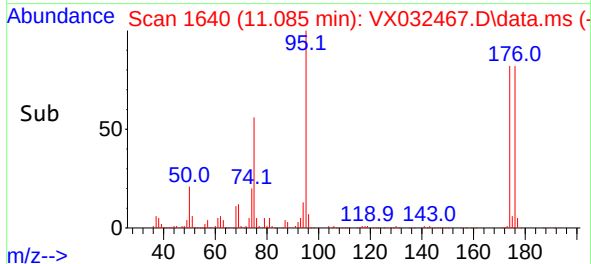
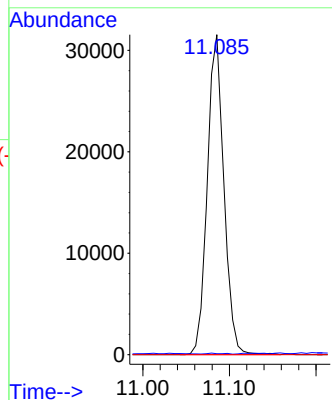
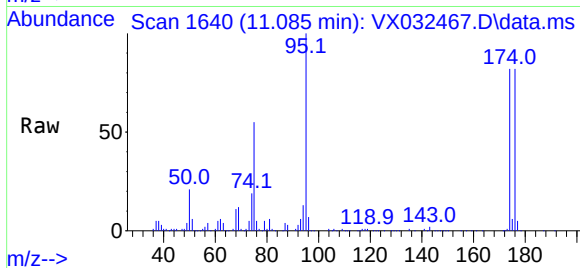




#81
trans-1,4-Dichloro-2-butene
Concen: 77.154 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX032467.D
Acq: 28 Oct 2022 18:08

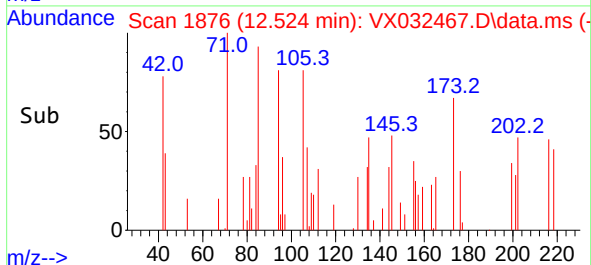
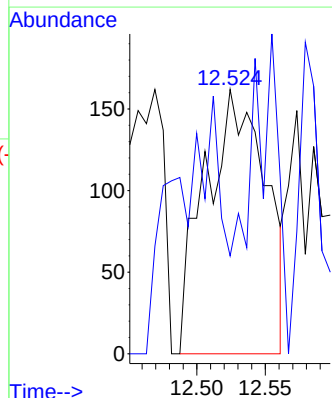
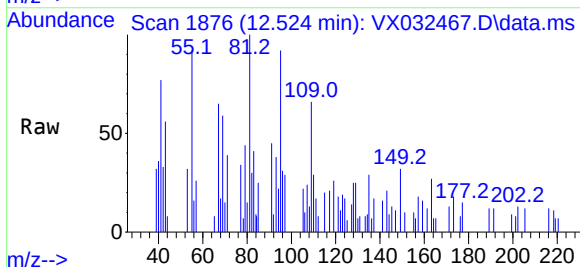
Instrument :
MSVOA_X
ClientSampleId :
LSP-SS-02-01-03ME

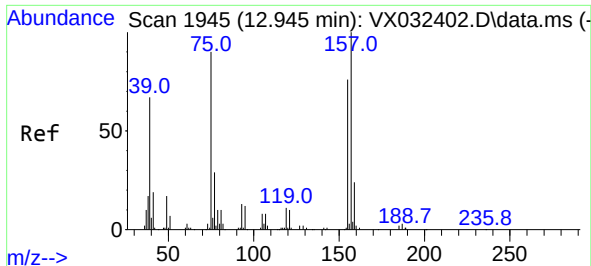
Tgt Ion: 75 Resp: 41989
Ion Ratio Lower Upper
75 100
53 0.3 86.9 130.3#
89 0.0 38.3 57.5#



#90
Hexachloroethane
Concen: 0.567 ug/l
RT: 12.524 min Scan# 1876
Delta R.T. -0.018 min
Lab File: VX032467.D
Acq: 28 Oct 2022 18:08

Tgt Ion: 117 Resp: 498
Ion Ratio Lower Upper
117 100
201 39.0 37.6 112.9





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.686 ug/l

RT: 12.768 min Scan# 19

Delta R.T. -0.177 min

Lab File: VX032467.D

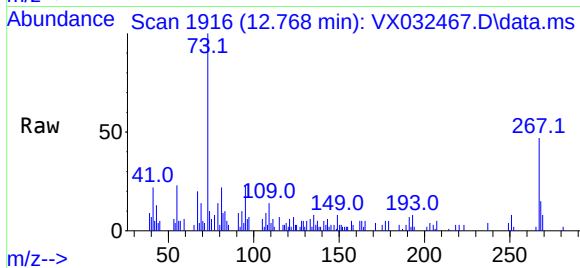
Acq: 28 Oct 2022 18:08

Instrument :

MSVOA_X

ClientSampleId :

LSP-SS-02-01-03ME



Tgt Ion: 75 Resp: 298

Ion Ratio Lower Upper

75 100

155 27.2 41.6 124.8#

157 0.0 54.1 162.4#

