

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111422\
 Data File : VX032799.D
 Acq On : 14 Nov 2022 16:59
 Operator : JC/MD
 Sample : N5572-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31915

Quant Time: Nov 15 05:09:14 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)

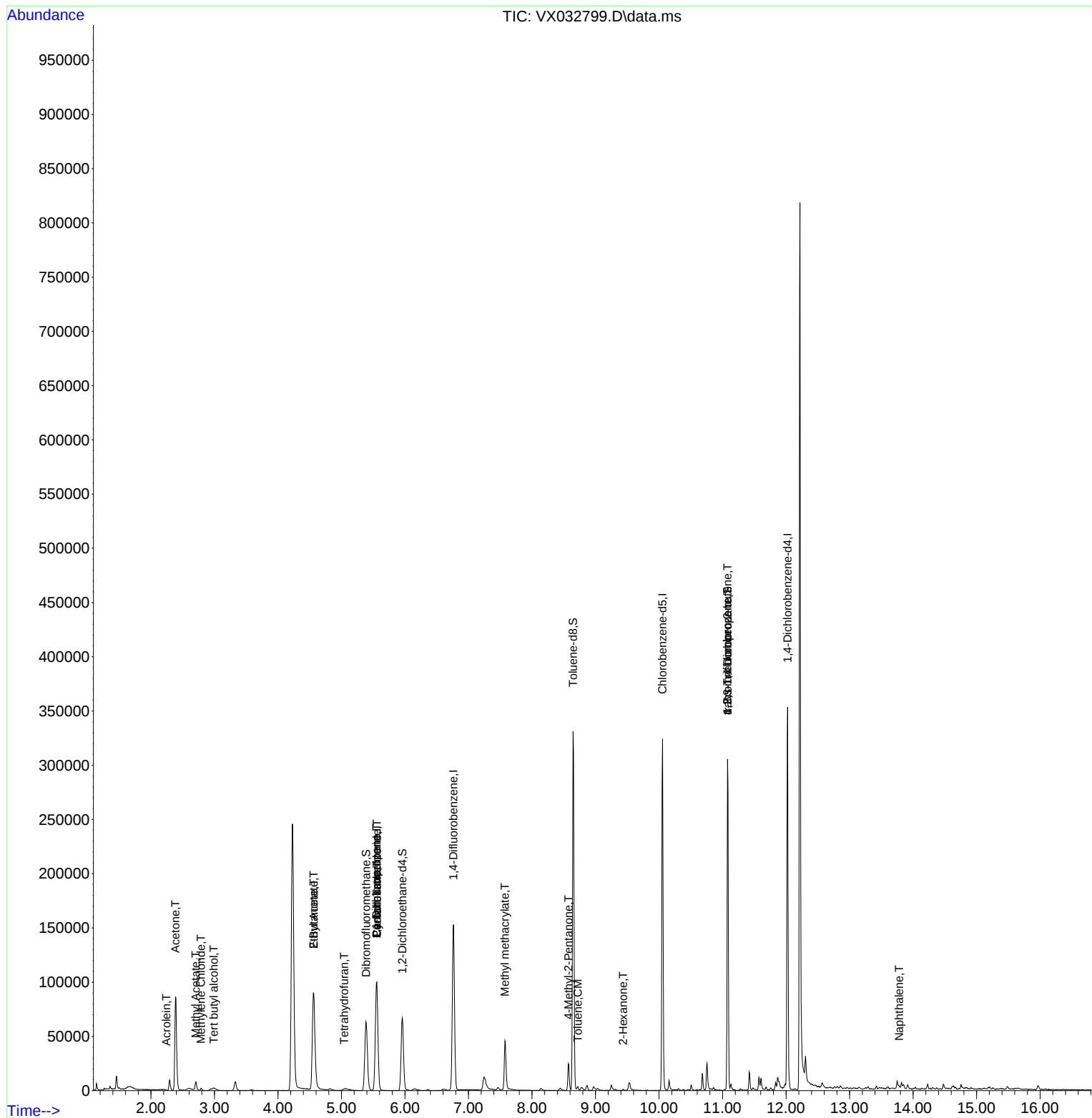
Internal Standards						
1) Pentafluorobenzene	5.556	168	95736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	157975	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71290	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67273	50.573	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.140%
35) Dibromofluoromethane	5.385	113	54429	48.302	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.600%
50) Toluene-d8	8.647	98	195528	49.901	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.800%
62) 4-Bromofluorobenzene	11.079	95	76799	50.176	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.360%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.989	59	5335	27.555	ug/l #	89
13) Acrolein	2.239	56	78	0.404	ug/l #	1
16) Acetone	2.385	43	108665	224.758	ug/l	98
18) Methyl Acetate	2.702	43	9616	6.116	ug/l	99
20) Methylene Chloride	2.788	84	851	0.768	ug/l #	92
25) 2-Butanone	4.562	43	162305	216.684	ug/l	98
29) Tetrahydrofuran	5.043	42	134	0.281	ug/l #	31
31) Cyclohexane	5.556	56	2042	1.266	ug/l #	3
36) 1,1-Dichloropropene	5.550	75	7487	4.771	ug/l #	50
37) Ethyl Acetate	4.562	43	162305	99.367	ug/l #	67
38) Carbon Tetrachloride	5.556	117	9979	5.734	ug/l #	15
48) Methyl methacrylate	7.574	41	12825	9.902	ug/l #	47
51) 4-Methyl-2-Pentanone	8.573	43	14409	9.121	ug/l	98
52) Toluene	8.720	92	1018	0.351	ug/l	94
59) 2-Hexanone	9.433	43	823	0.702	ug/l	87
76) 1,2,3-Trichloropropane	11.079	75	42209	26.613	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	42209	84.683	ug/l #	6
95) Naphthalene	13.780	128	1249	0.223	ug/l #	76

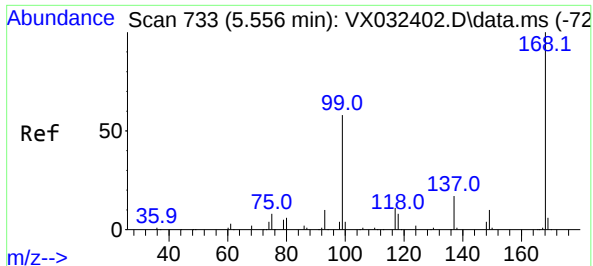
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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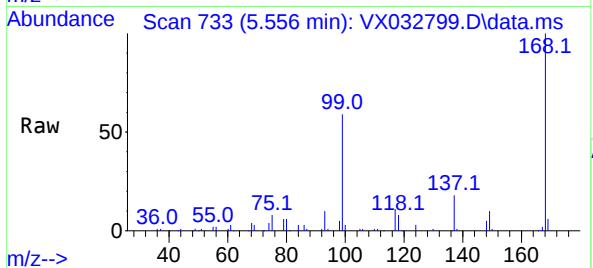
Quant Time: Nov 15 05:09:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
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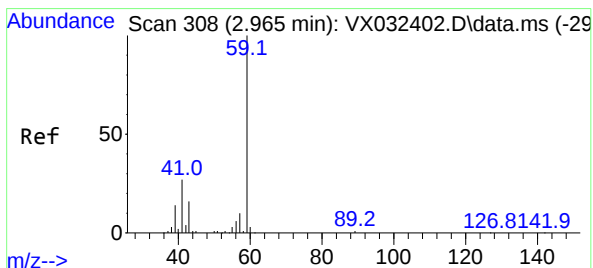
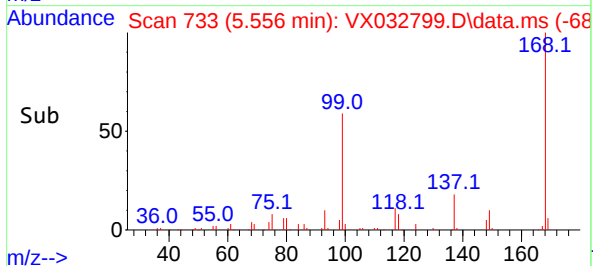
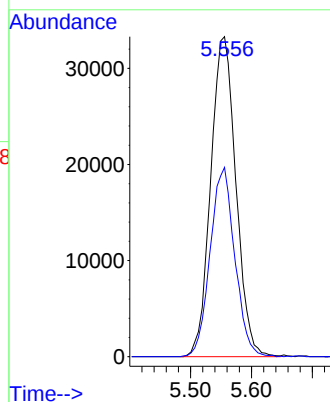


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032799.D
Acq: 14 Nov 2022 16:59

Instrument :
MSVOA_X
ClientSampleId :
31915

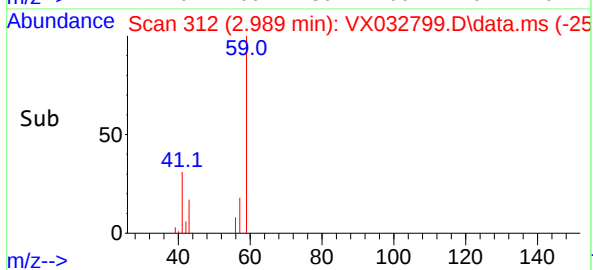
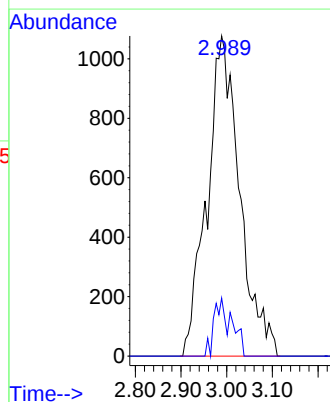
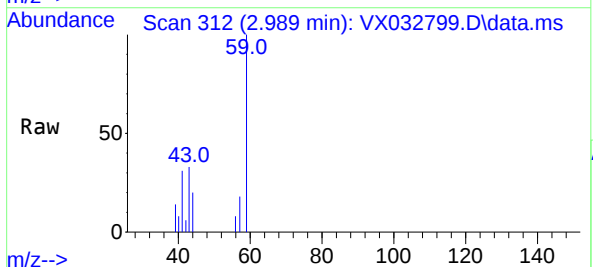


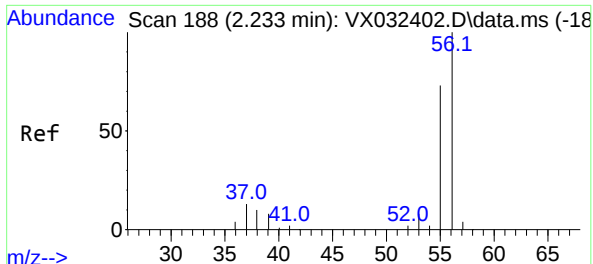
Tgt Ion:168 Resp: 95736
Ion Ratio Lower Upper
168 100
99 59.2 46.1 69.1



#11
Tert butyl alcohol
Concen: 27.555 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.024 min
Lab File: VX032799.D
Acq: 14 Nov 2022 16:59

Tgt Ion: 59 Resp: 5335
Ion Ratio Lower Upper
59 100
57 6.2 8.2 12.4#





#13

Acrolein

Concen: 0.404 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX032799.D

Acq: 14 Nov 2022 16:59

Instrument :

MSVOA_X

ClientSampleId :

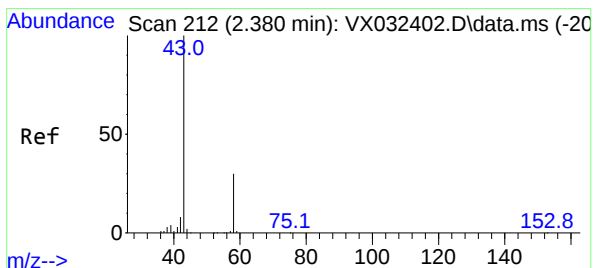
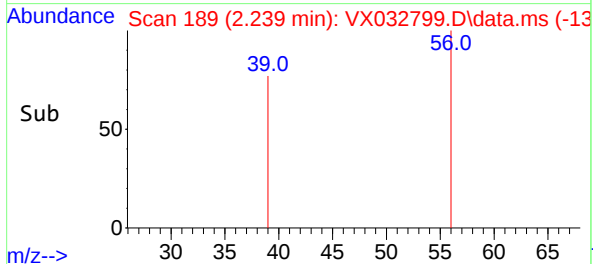
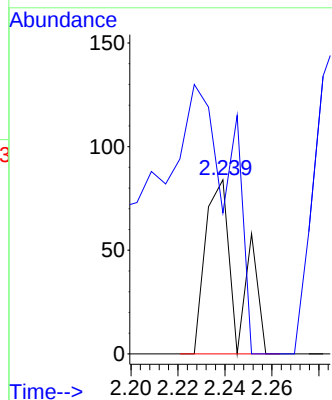
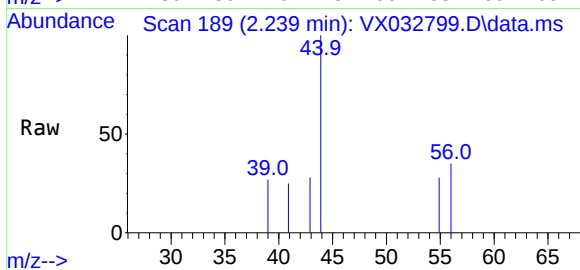
31915

Tgt Ion: 56 Resp: 78

Ion Ratio Lower Upper

56 100

55 453.8 56.9 85.3#



#16

Acetone

Concen: 224.758 ug/l

RT: 2.385 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX032799.D

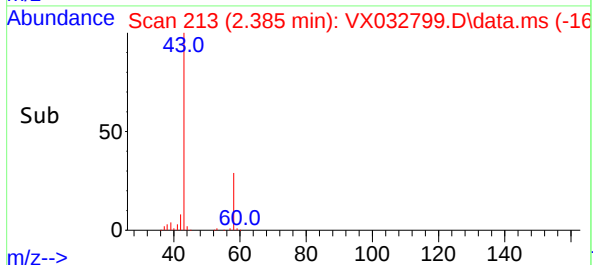
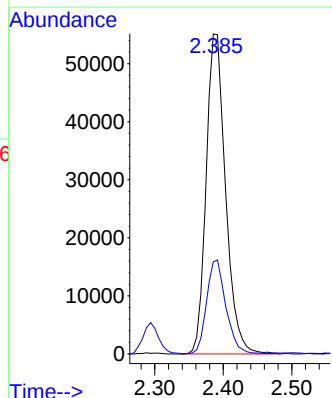
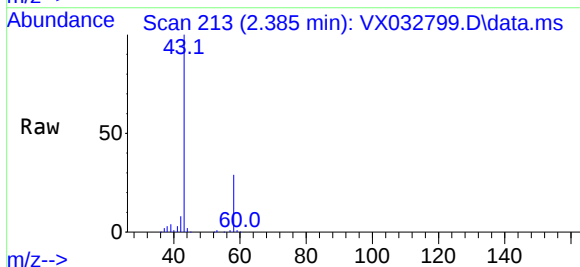
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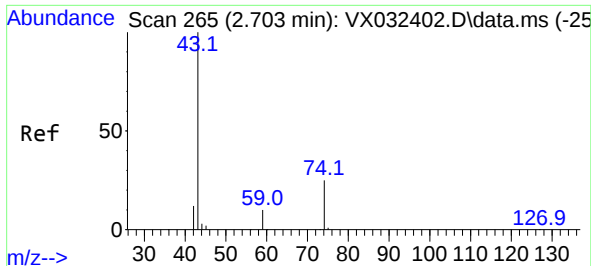
Tgt Ion: 43 Resp: 108665

Ion Ratio Lower Upper

43 100

58 28.8 23.8 35.8

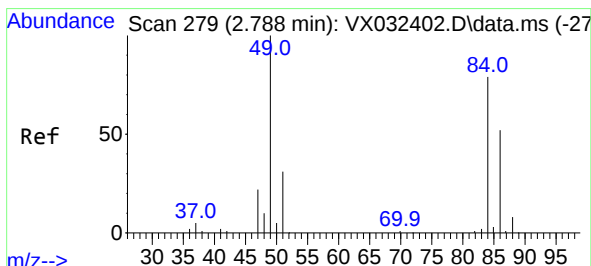
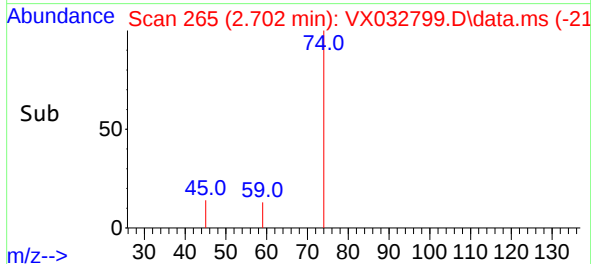
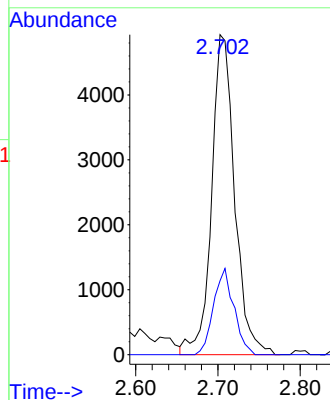
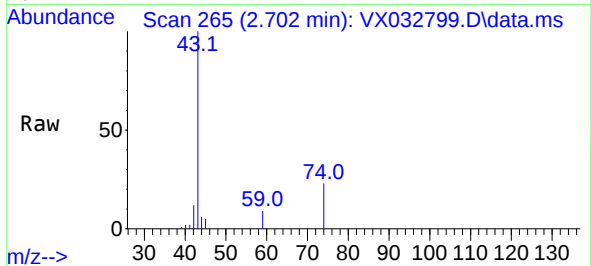




#18
Methyl Acetate
Concen: 6.116 ug/l
RT: 2.702 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX032799.D
Acq: 14 Nov 2022 16:59

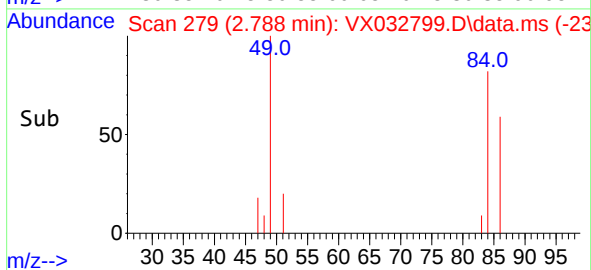
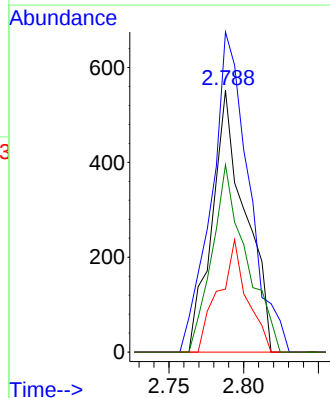
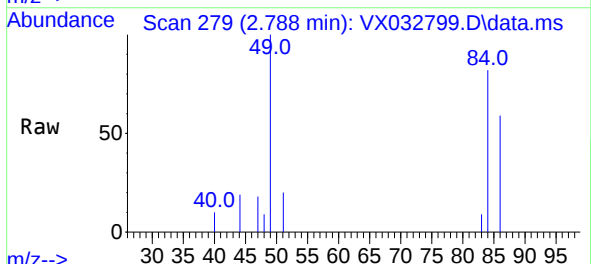
Instrument :
MSVOA_X
ClientSampleId :
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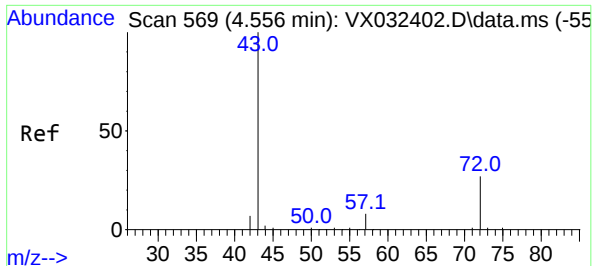
Tgt Ion: 43 Resp: 9616
Ion Ratio Lower Upper
43 100
74 23.8 19.4 29.0



#20
Methylene Chloride
Concen: 0.768 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX032799.D
Acq: 14 Nov 2022 16:59

Tgt Ion: 84 Resp: 851
Ion Ratio Lower Upper
84 100
49 122.3 101.0 151.6
51 24.1 31.1 46.7#
86 71.6 52.3 78.5

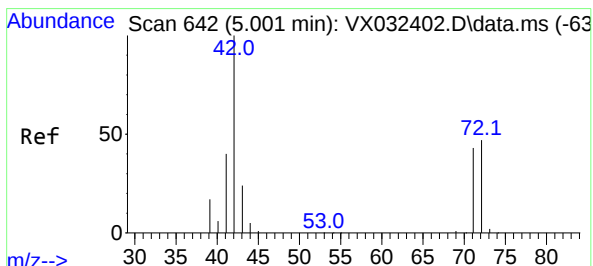
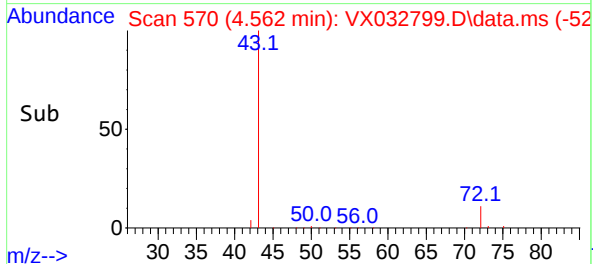
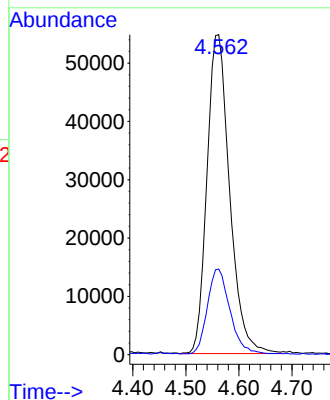
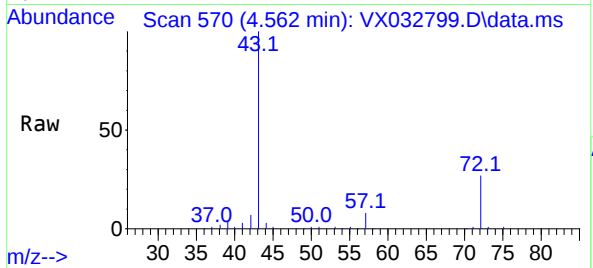




#25
2-Butanone
Concen: 216.684 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX032799.D
Acq: 14 Nov 2022 16:59

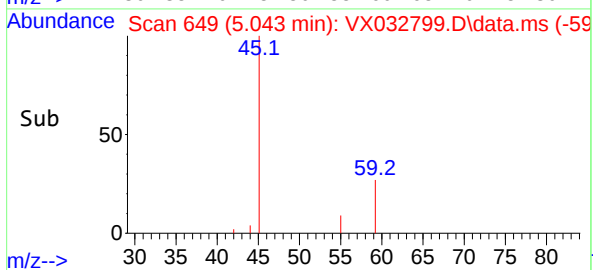
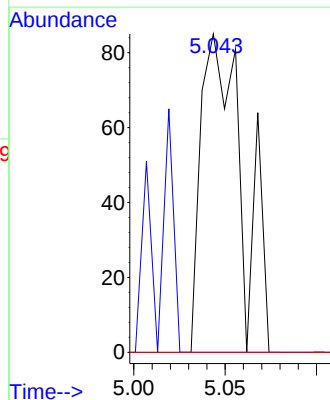
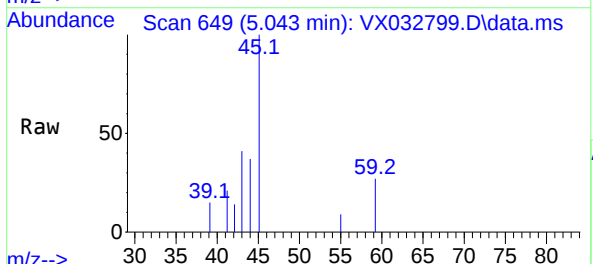
Instrument :
MSVOA_X
ClientSampleId :
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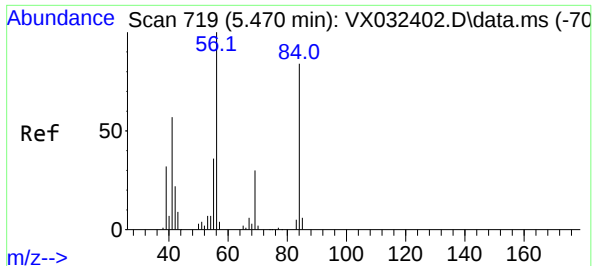
Tgt Ion: 43 Resp: 162305
Ion Ratio Lower Upper
43 100
72 26.6 22.2 33.2



#29
Tetrahydrofuran
Concen: 0.281 ug/l
RT: 5.043 min Scan# 649
Delta R.T. 0.042 min
Lab File: VX032799.D
Acq: 14 Nov 2022 16:59

Tgt Ion: 42 Resp: 134
Ion Ratio Lower Upper
42 100
72 0.0 37.6 56.4#
71 0.0 34.7 52.1#

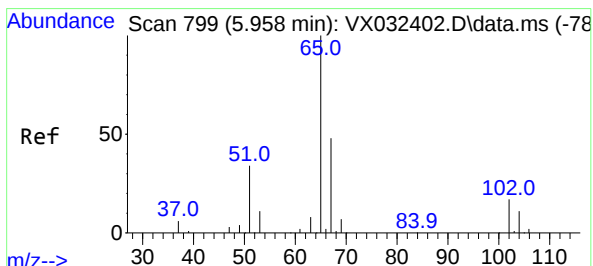
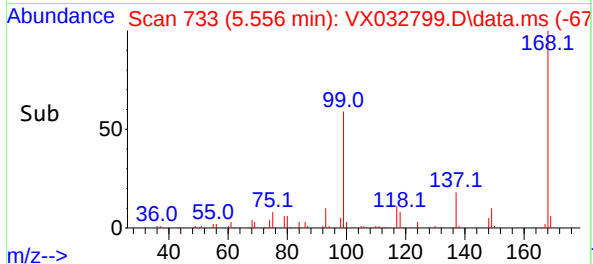
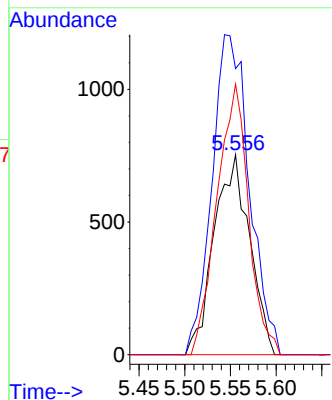
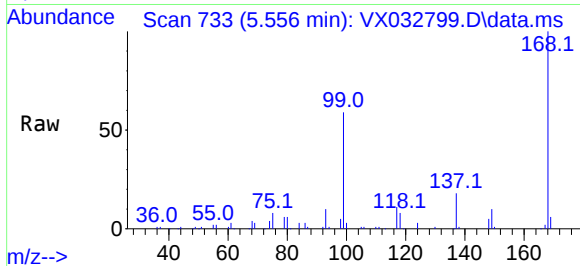




#31
Cyclohexane
Concen: 1.266 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX032799.D
Acq: 14 Nov 2022 16:59

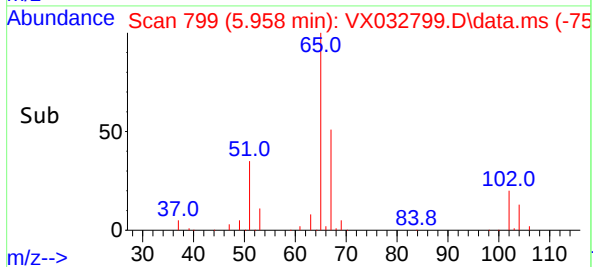
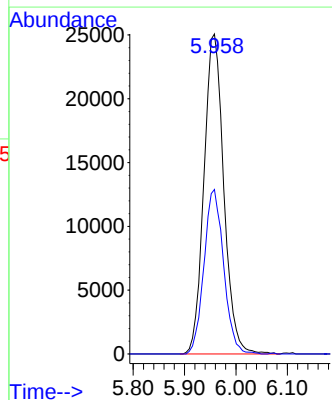
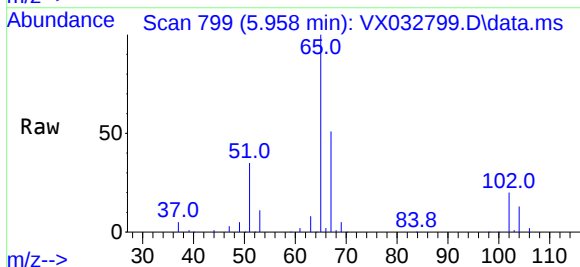
Instrument :
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ClientSampleId :
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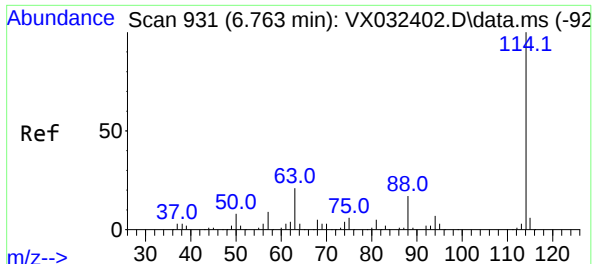
Tgt Ion: 56 Resp: 2042
Ion Ratio Lower Upper
56 100
69 143.0 24.1 36.1#
84 135.3 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 50.573 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032799.D
Acq: 14 Nov 2022 16:59

Tgt Ion: 65 Resp: 67273
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.8

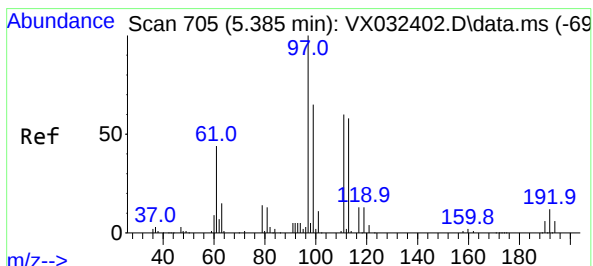
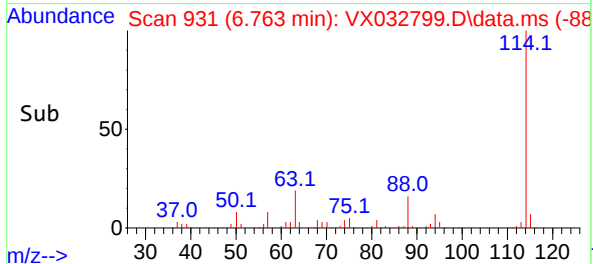
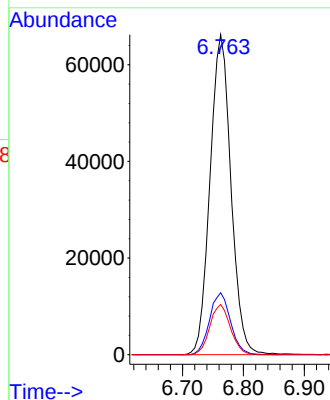
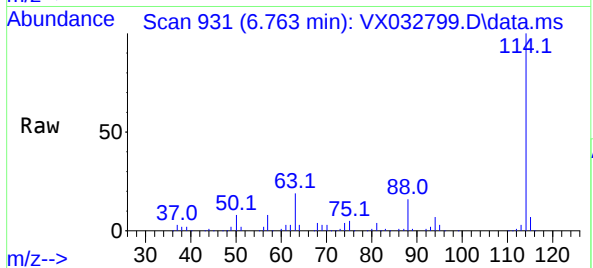




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032799.D
Acq: 14 Nov 2022 16:59

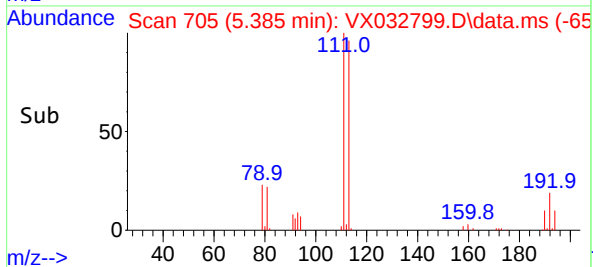
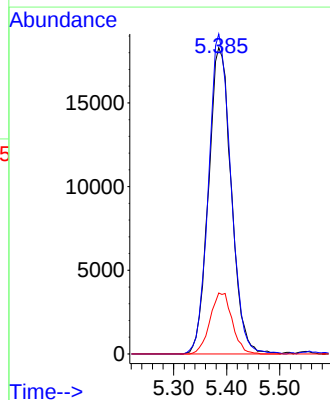
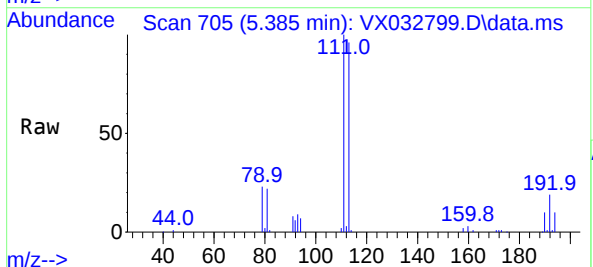
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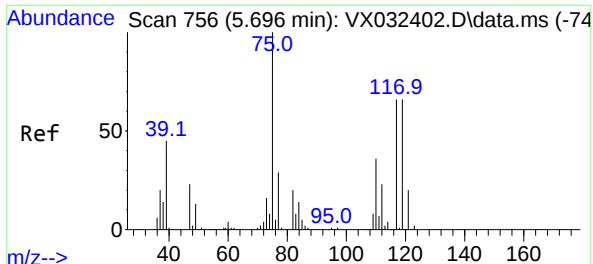
Tgt Ion:114 Resp: 157975
Ion Ratio Lower Upper
114 100
63 19.3 0.0 41.6
88 15.7 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.302 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032799.D
Acq: 14 Nov 2022 16:59

Tgt Ion:113 Resp: 54429
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 19.4 15.4 23.2

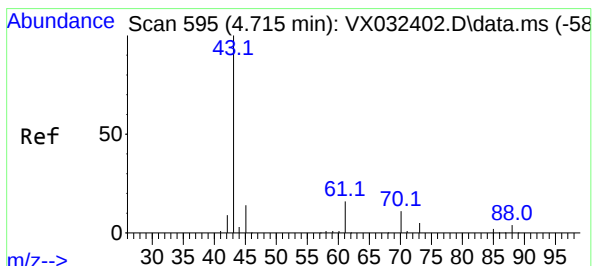
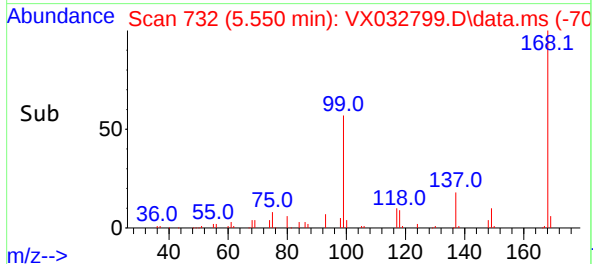
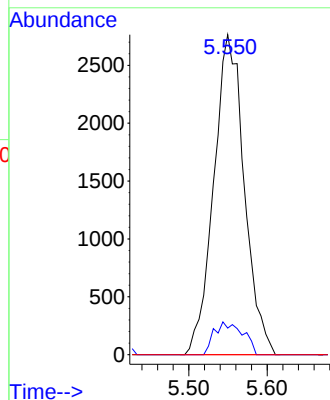
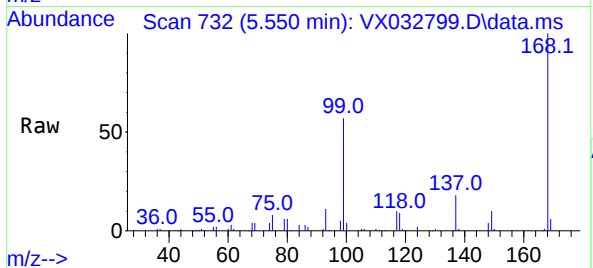




#36
1,1-Dichloropropene
Concen: 4.771 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.147 min
Lab File: VX032799.D
Acq: 14 Nov 2022 16:59

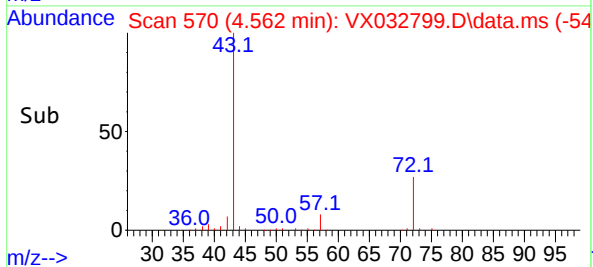
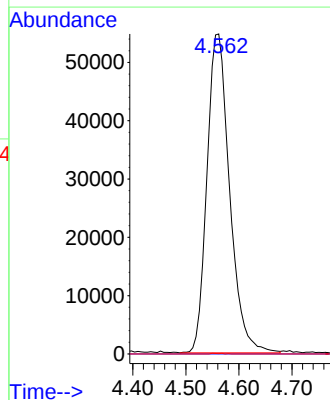
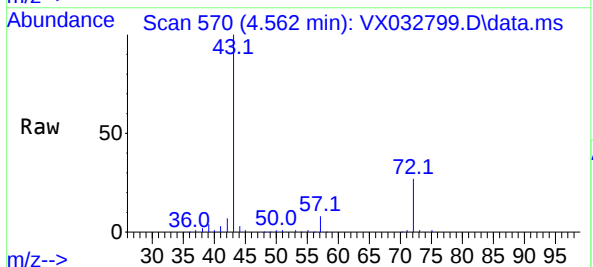
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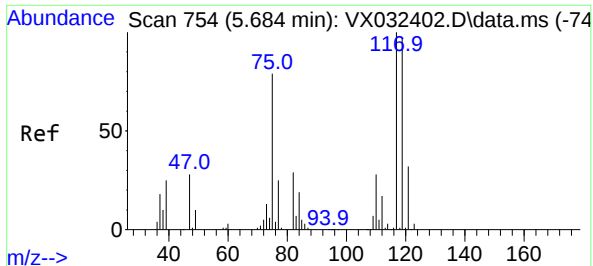
Tgt Ion: 75 Resp: 7487
Ion Ratio Lower Upper
75 100
110 9.6 18.4 55.2#
77 0.0 24.5 36.7#



#37
Ethyl Acetate
Concen: 99.367 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.153 min
Lab File: VX032799.D
Acq: 14 Nov 2022 16:59

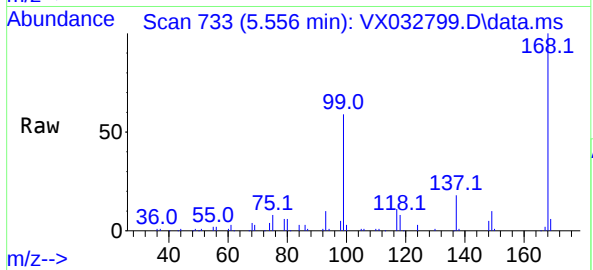
Tgt Ion: 43 Resp: 162305
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.1 9.1 13.7#



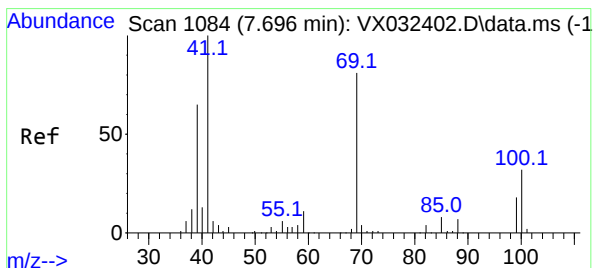
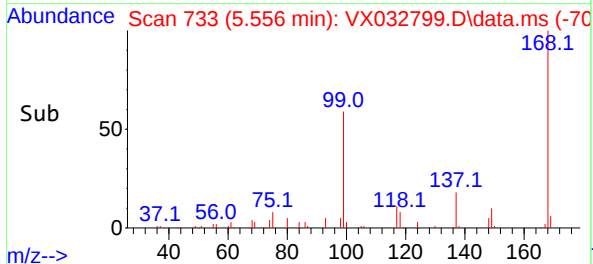
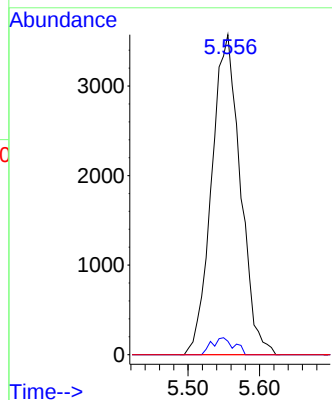


#38
Carbon Tetrachloride
Concen: 5.734 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX032799.D
Acq: 14 Nov 2022 16:59

Instrument :
MSVOA_X
ClientSampleId :
31915

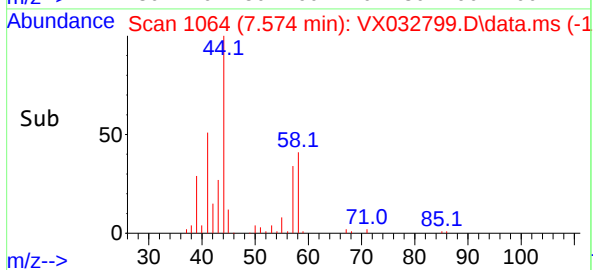
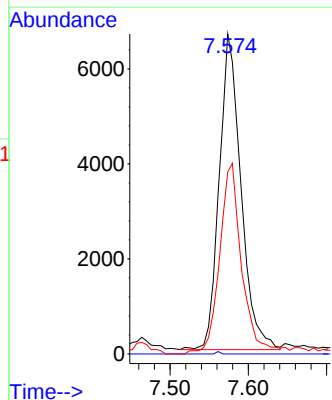
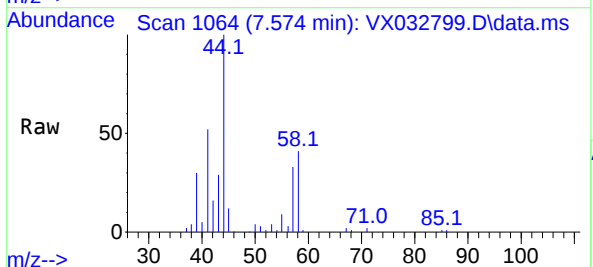


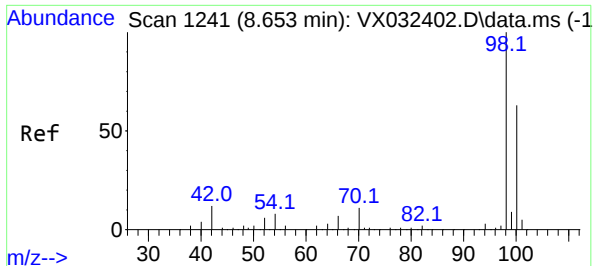
Tgt Ion:117 Resp: 9979
Ion Ratio Lower Upper
117 100
119 4.2 77.2 115.8#
121 0.0 25.8 38.6#



#48
Methyl methacrylate
Concen: 9.902 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.122 min
Lab File: VX032799.D
Acq: 14 Nov 2022 16:59

Tgt Ion: 41 Resp: 12825
Ion Ratio Lower Upper
41 100
69 0.1 65.1 97.7#
39 61.8 51.9 77.9

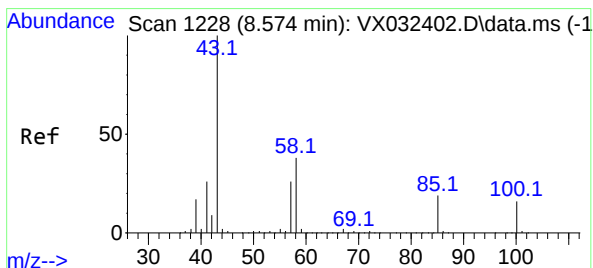
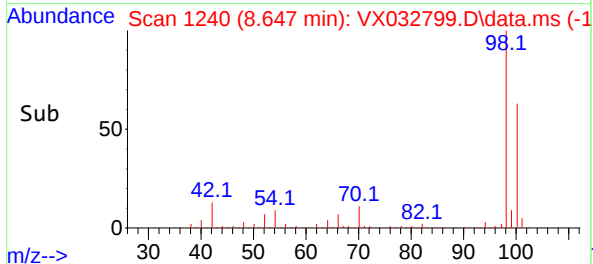
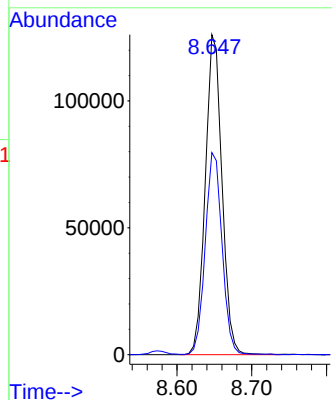
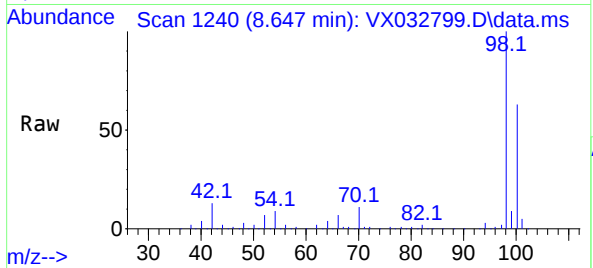




#50
Toluene-d8
Concen: 49.901 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032799.D
Acq: 14 Nov 2022 16:59

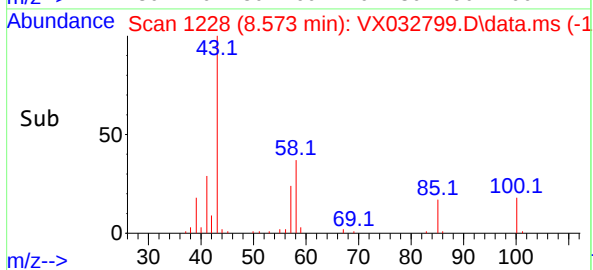
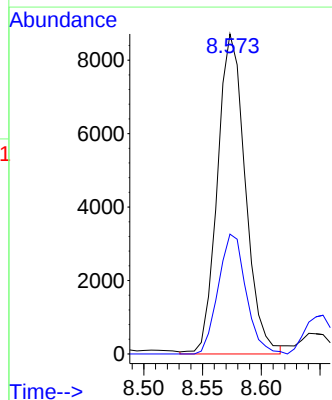
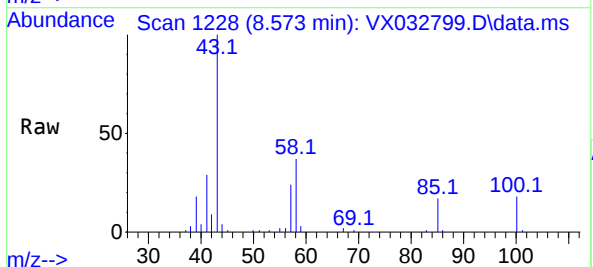
Instrument :
MSVOA_X
ClientSampleId :
31915

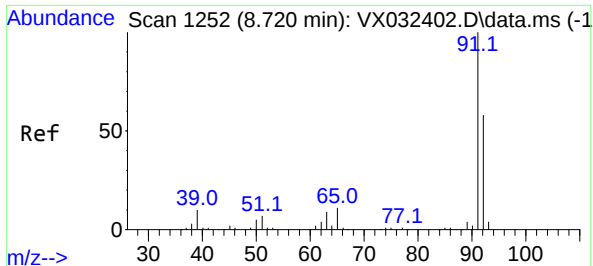
Tgt Ion: 98 Resp: 195528
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 9.121 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX032799.D
Acq: 14 Nov 2022 16:59

Tgt Ion: 43 Resp: 14409
Ion Ratio Lower Upper
43 100
58 37.2 30.9 46.3





#52

Toluene

Concen: 0.351 ug/l

RT: 8.720 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX032799.D

Acq: 14 Nov 2022 16:59

Instrument :

MSVOA_X

ClientSampleId :

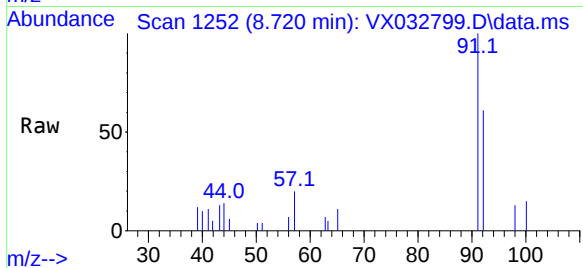
31915

Tgt Ion: 92 Resp: 1018

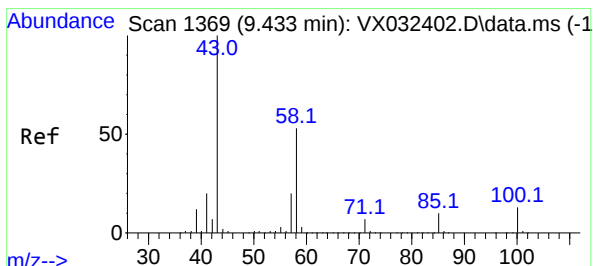
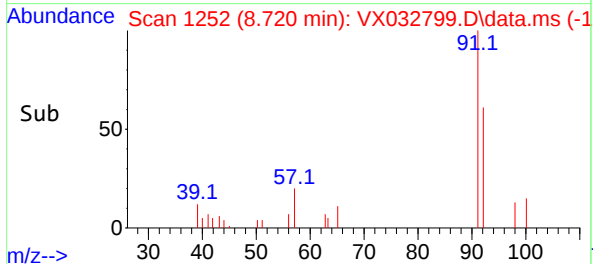
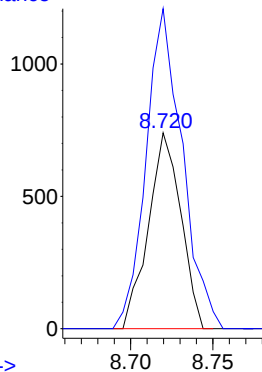
Ion Ratio Lower Upper

92 100

91 181.7 138.3 207.5



Abundance



#59

2-Hexanone

Concen: 0.702 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX032799.D

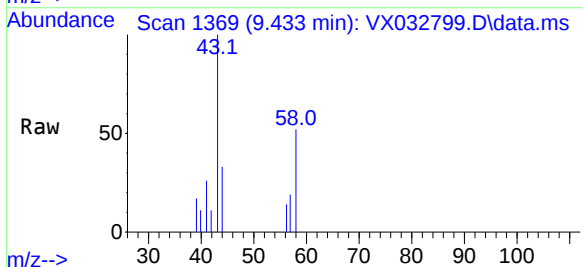
Acq: 14 Nov 2022 16:59

Tgt Ion: 43 Resp: 823

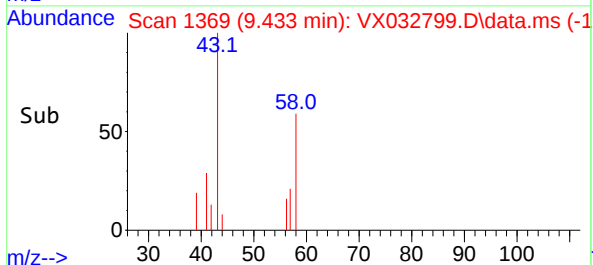
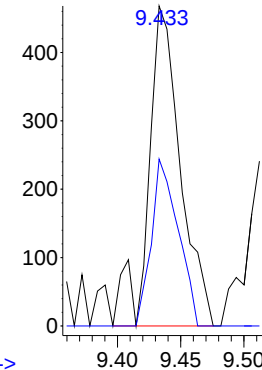
Ion Ratio Lower Upper

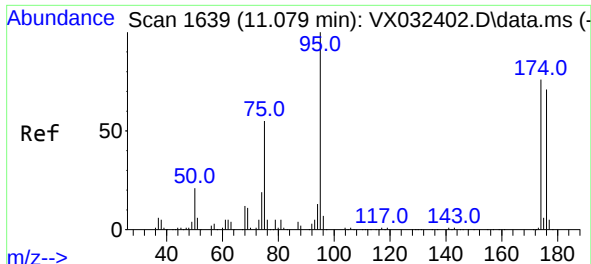
43 100

58 43.5 26.5 79.5



Abundance





#62

4-Bromofluorobenzene

Concen: 50.176 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX032799.D

Acq: 14 Nov 2022 16:59

Instrument :

MSVOA_X

ClientSampleId :

31915

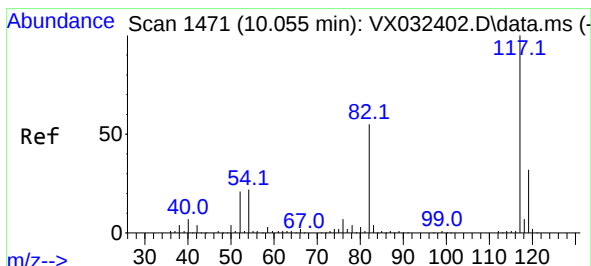
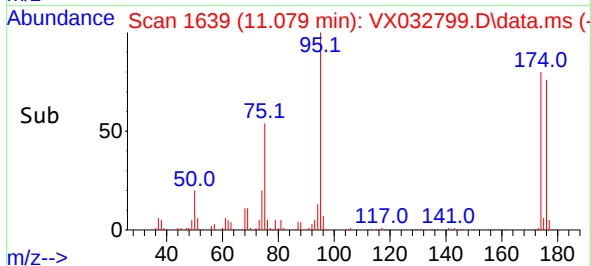
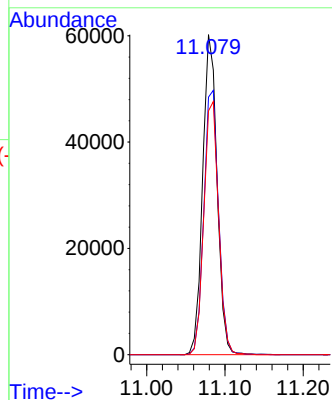
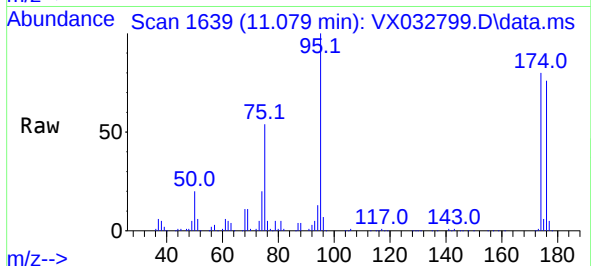
Tgt Ion: 95 Resp: 76799

Ion Ratio Lower Upper

95 100

174 84.5 0.0 164.0

176 81.3 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: VX032799.D

Acq: 14 Nov 2022 16:59

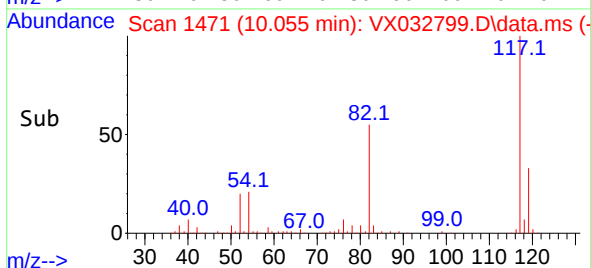
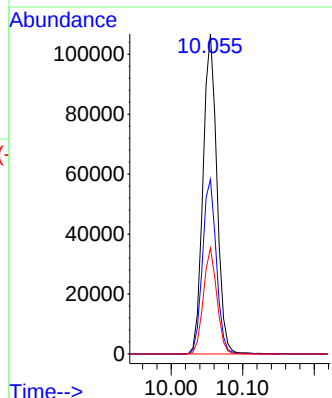
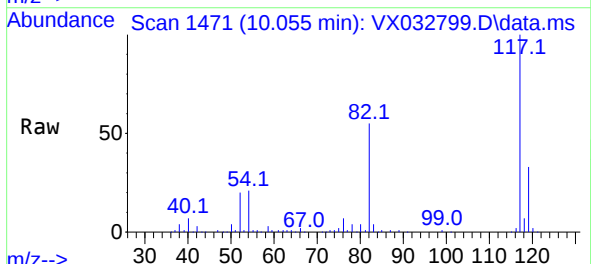
Tgt Ion: 117 Resp: 143755

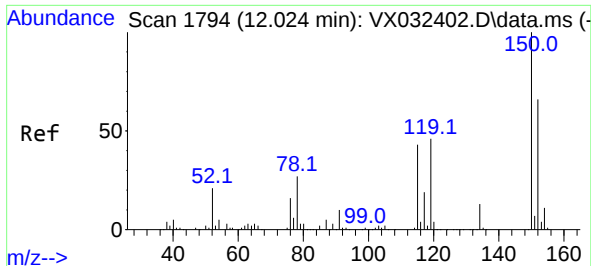
Ion Ratio Lower Upper

117 100

82 54.6 44.3 66.5

119 33.1 25.7 38.5

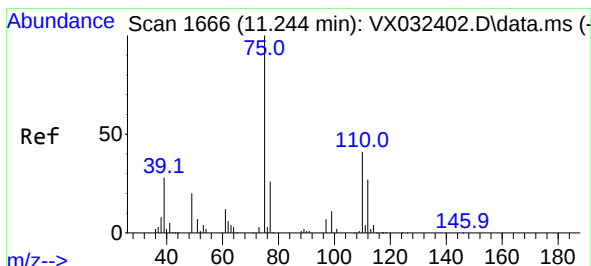
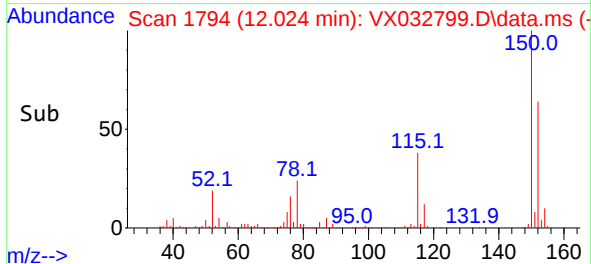
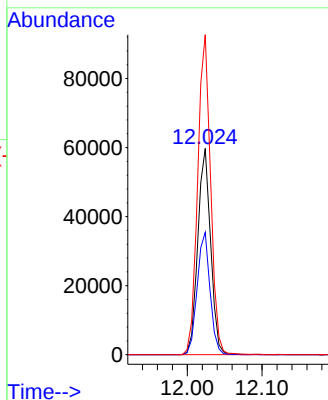
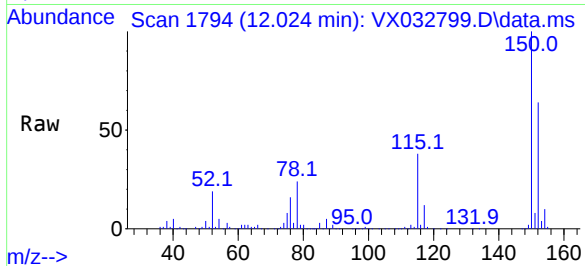




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032799.D
Acq: 14 Nov 2022 16:59

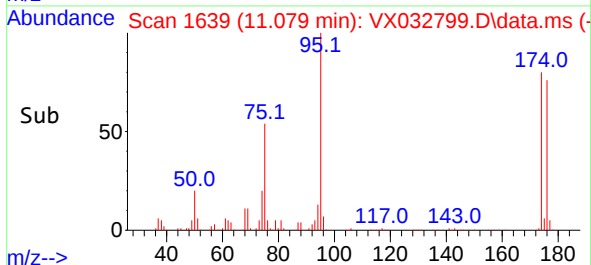
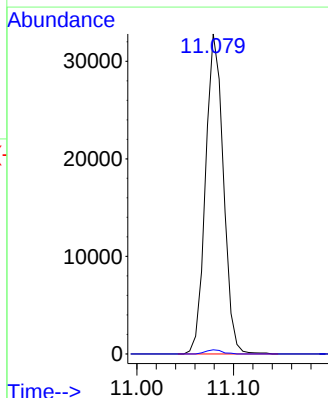
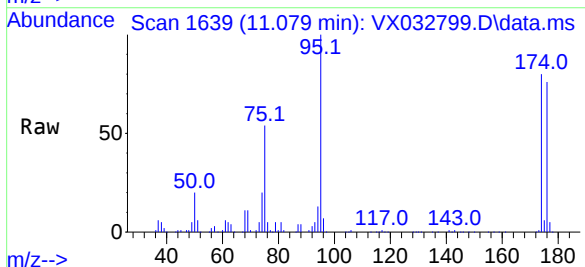
Instrument :
MSVOA_X
ClientSampleId :
31915

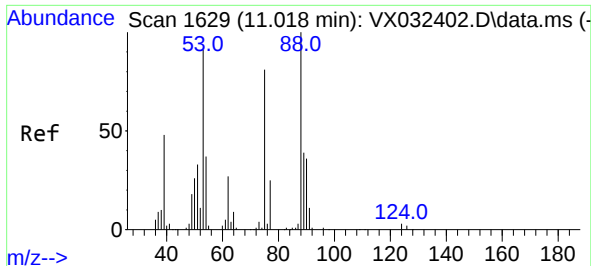
Tgt Ion:152 Resp: 71290
Ion Ratio Lower Upper
152 100
115 59.4 44.0 132.0
150 156.2 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 26.613 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032799.D
Acq: 14 Nov 2022 16:59

Tgt Ion: 75 Resp: 42209
Ion Ratio Lower Upper
75 100
77 1.2 20.0 60.0#

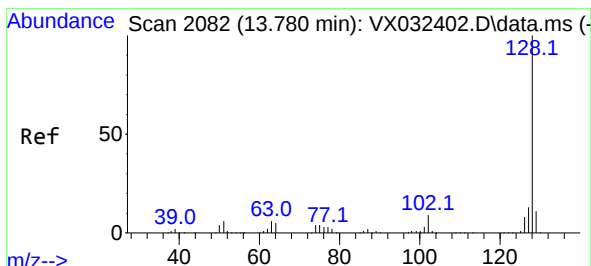
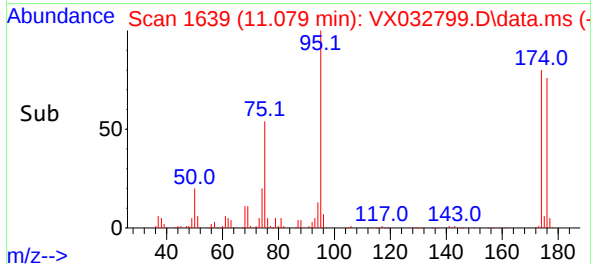
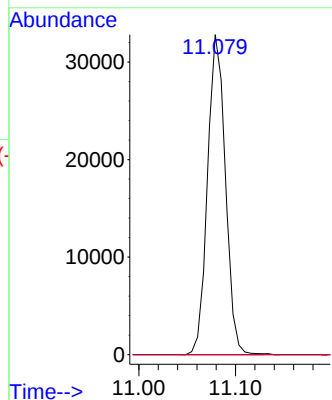
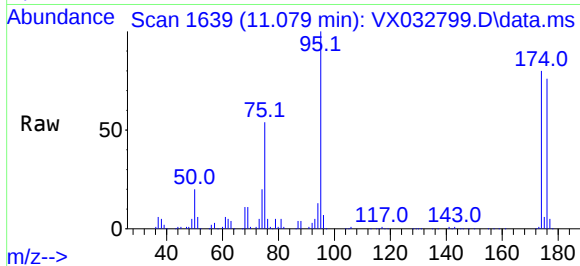




#81
trans-1,4-Dichloro-2-butene
Concen: 84.683 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032799.D
Acq: 14 Nov 2022 16:59

Instrument :
MSVOA_X
ClientSampleId :
31915

Tgt Ion: 75 Resp: 42209
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



#95
Naphthalene
Concen: 0.223 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX032799.D
Acq: 14 Nov 2022 16:59

Tgt Ion:128 Resp: 1249
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 5.8 8.9 13.3#

