

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110422\
 Data File : VX032575.D
 Acq On : 04 Nov 2022 14:42
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 05 00:37:05 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)

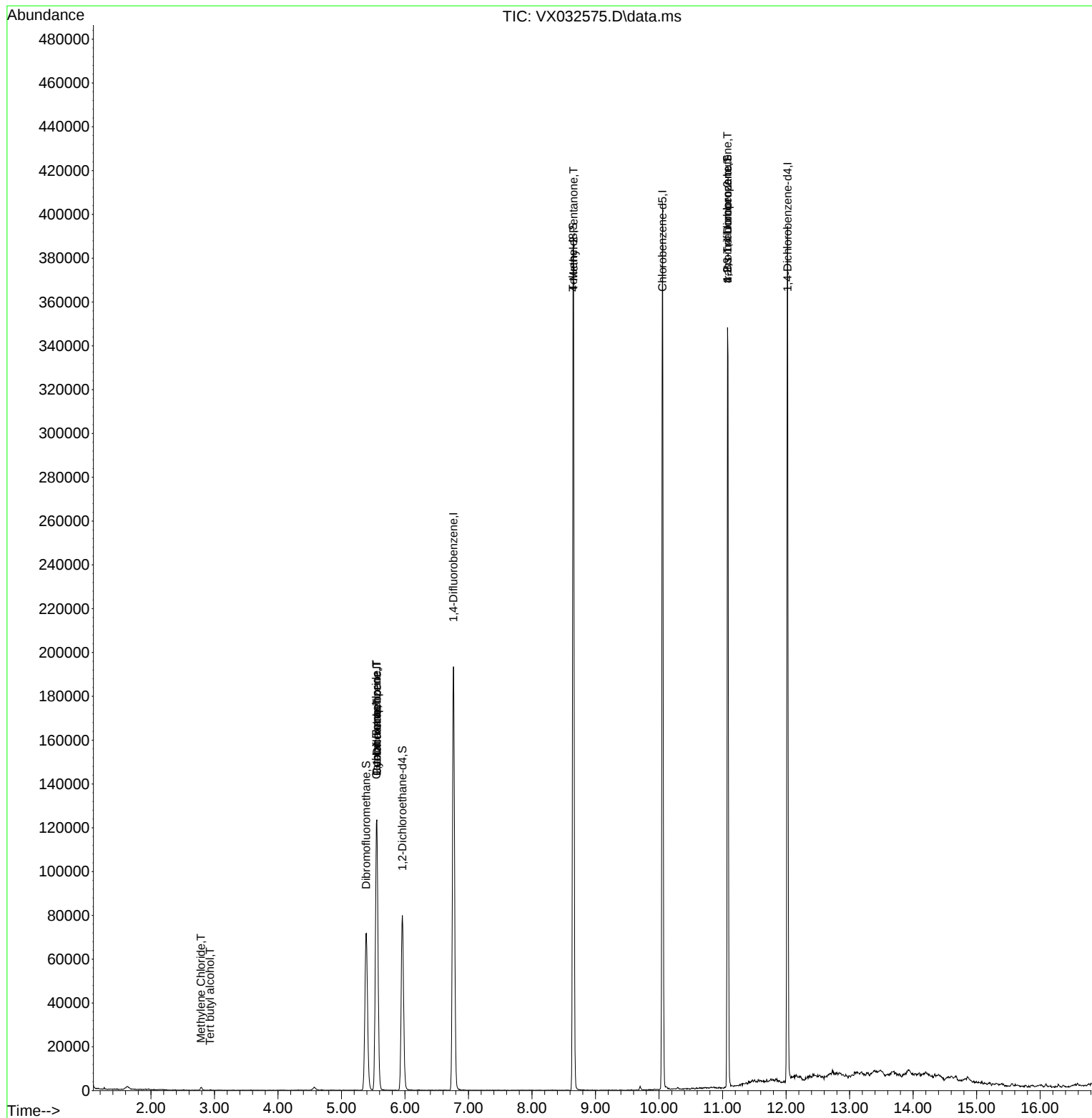
Internal Standards						
1) Pentafluorobenzene	5.556	168	117017	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	195910	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	171794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78723	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79972	49.186	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.380%		
35) Dibromofluoromethane	5.385	113	61237	43.821	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.640%		
50) Toluene-d8	8.647	98	232944	47.938	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.880%		
62) 4-Bromofluorobenzene	11.079	95	88757	46.760	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.520%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.928	59	68	0.287	ug/l #	72
20) Methylene Chloride	2.788	84	740	0.546	ug/l #	82
31) Cyclohexane	5.556	56	2583	1.310	ug/l #	32
36) 1,1-Dichloropropene	5.556	75	9318	4.788	ug/l #	50
38) Carbon Tetrachloride	5.550	117	12317	5.707	ug/l #	14
51) 4-Methyl-2-Pentanone	8.653	43	1084	0.553	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	48273	27.563	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	48273	87.705	ug/l #	6

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

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MSVOA_X
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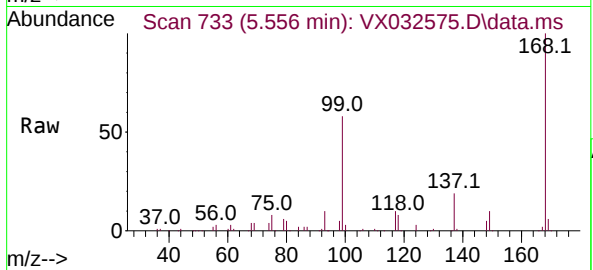
Quant Time: Nov 05 00:37:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration



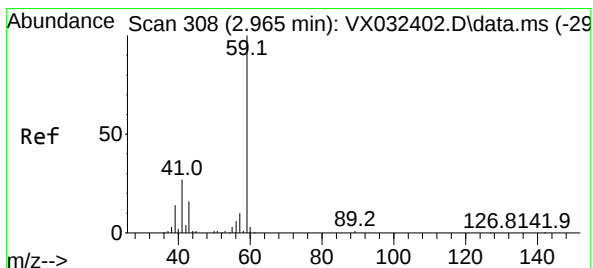
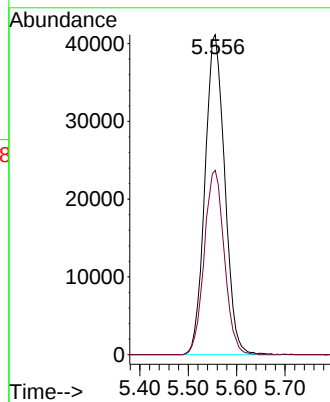
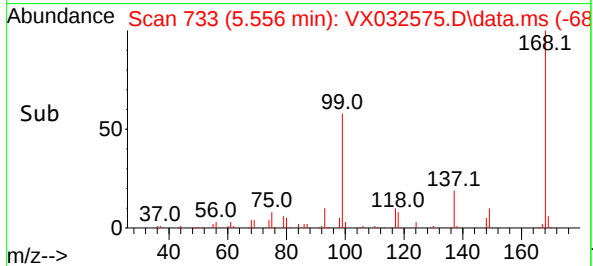


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032575.D
Acq: 04 Nov 2022 14:42

Instrument :
MSVOA_X
ClientSampleId :

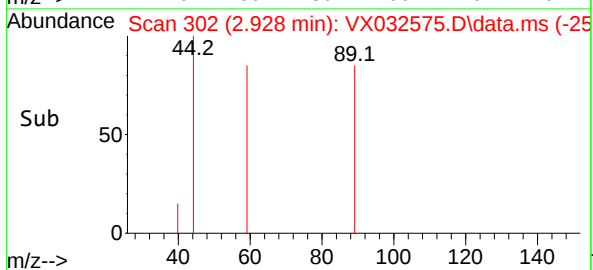
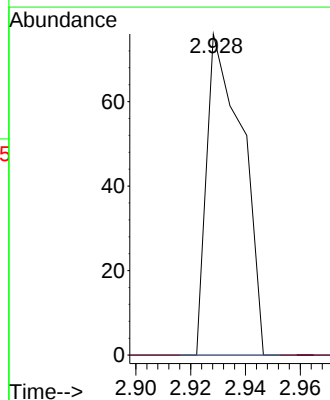
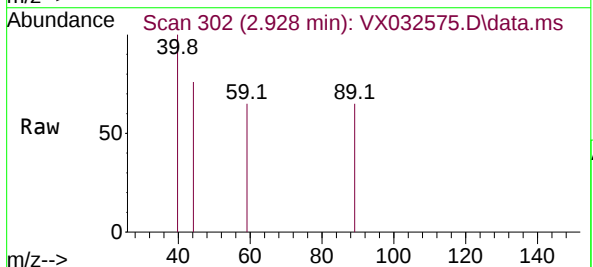


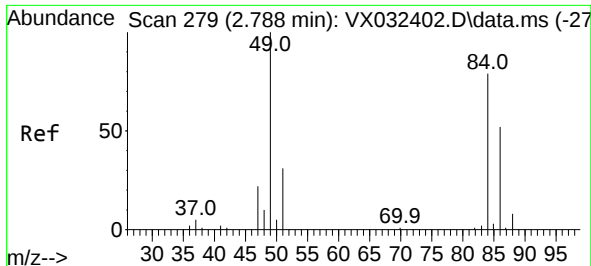
Tgt Ion:168 Resp: 117017
Ion Ratio Lower Upper
168 100
99 57.6 46.1 69.1



#11
Tert butyl alcohol
Concen: 0.287 ug/l
RT: 2.928 min Scan# 302
Delta R.T. -0.037 min
Lab File: VX032575.D
Acq: 04 Nov 2022 14:42

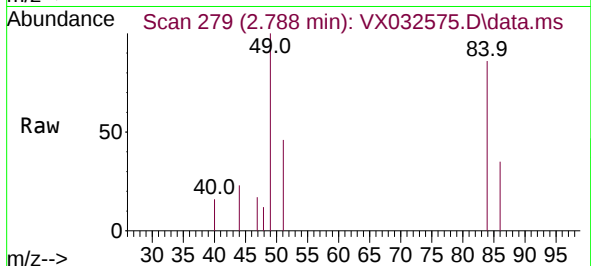
Tgt Ion: 59 Resp: 68
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



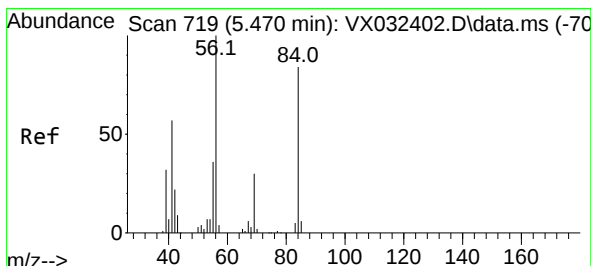
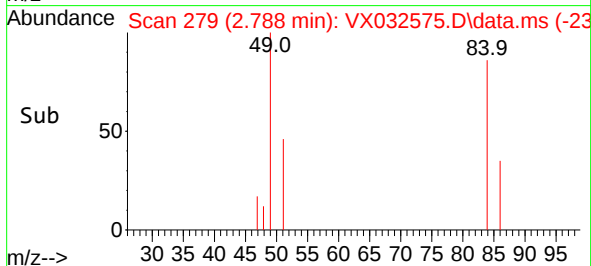
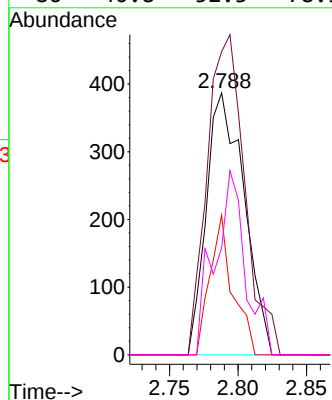


#20
Methylene Chloride
Concen: 0.546 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX032575.D
Acq: 04 Nov 2022 14:42

Instrument :
MSVOA_X
ClientSampleId :

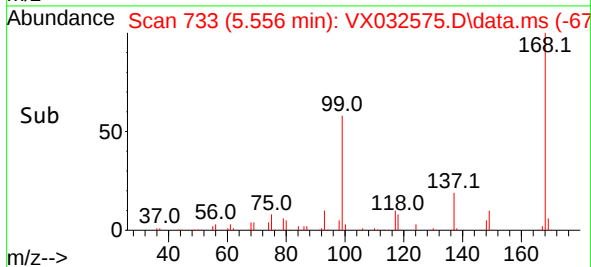
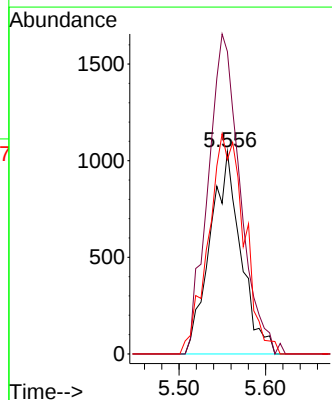
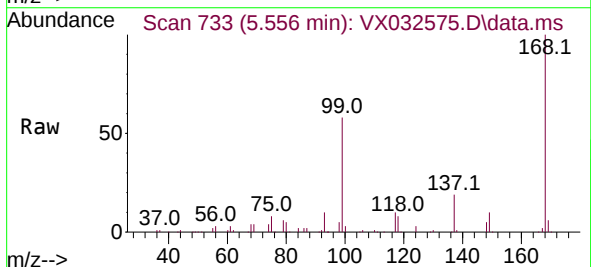


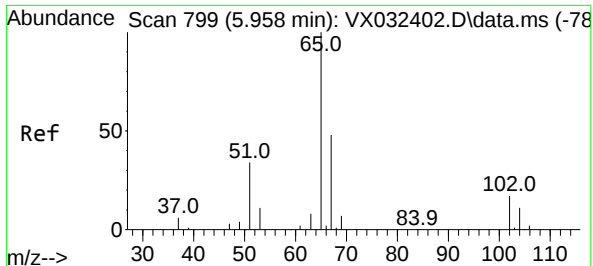
Tgt Ion:	84	Resp:	740
Ion	Ratio	Lower	Upper
84	100		
49	115.8	101.0	151.6
51	53.2	31.1	46.7#
86	40.8	52.3	78.5#



#31
Cyclohexane
Concen: 1.310 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX032575.D
Acq: 04 Nov 2022 14:42

Tgt Ion:	56	Resp:	2583
Ion	Ratio	Lower	Upper
56	100		
69	149.3	24.1	36.1#
84	96.0	66.9	100.3





#33

1,2-Dichloroethane-d4

Concen: 49.186 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032575.D

Acq: 04 Nov 2022 14:42

Instrument :

MSVOA_X

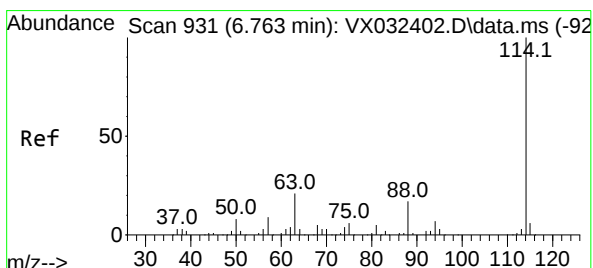
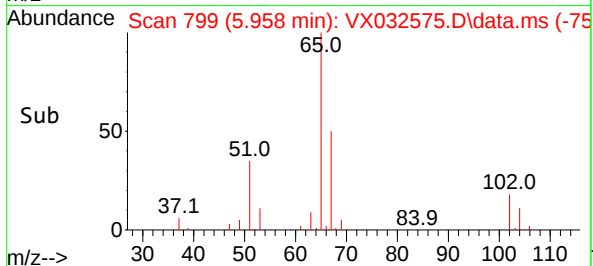
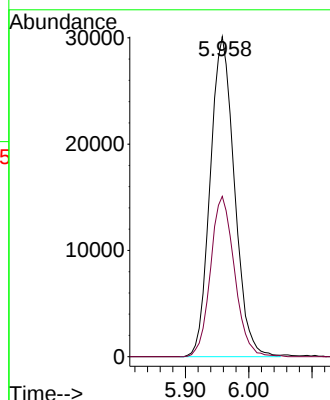
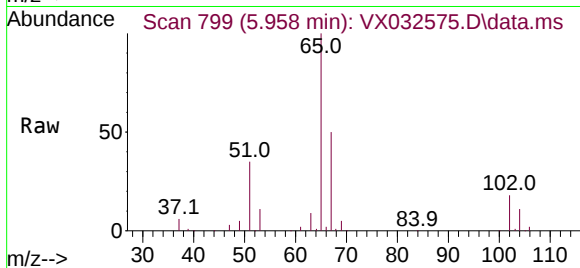
ClientSampleId :

Tgt Ion: 65 Resp: 79972

Ion Ratio Lower Upper

65 100

67 49.7 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: VX032575.D

Acq: 04 Nov 2022 14:42

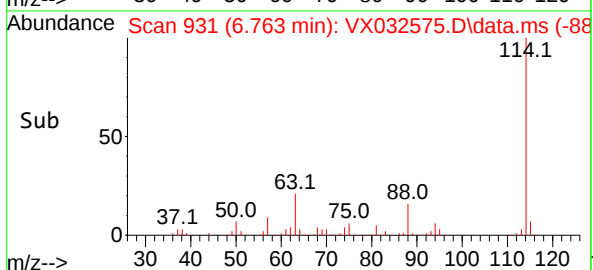
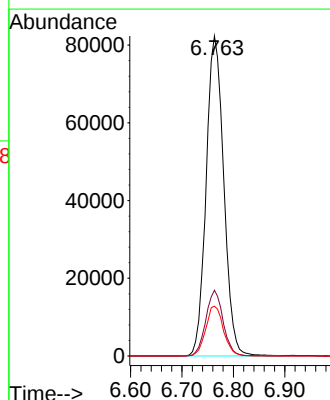
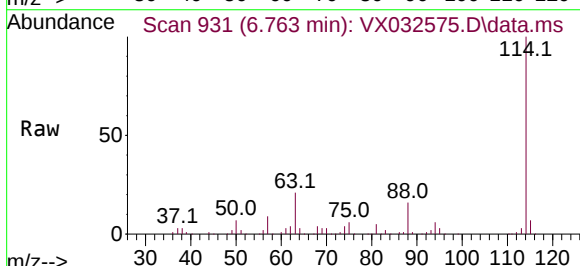
Tgt Ion: 114 Resp: 195910

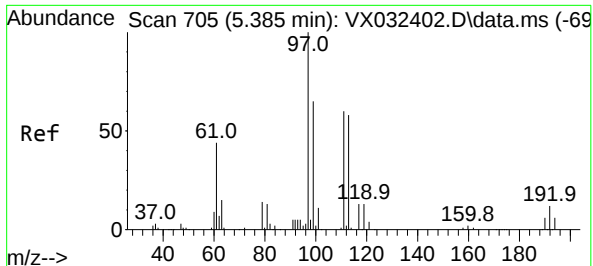
Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.6

88 15.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 43.821 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032575.D

Acq: 04 Nov 2022 14:42

Instrument :

MSVOA_X

ClientSampleId :

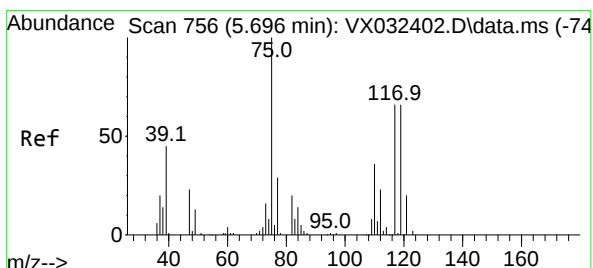
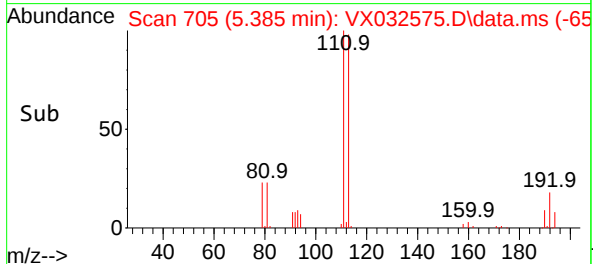
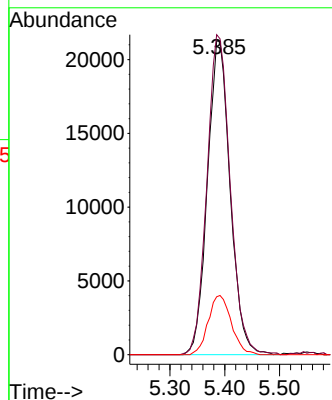
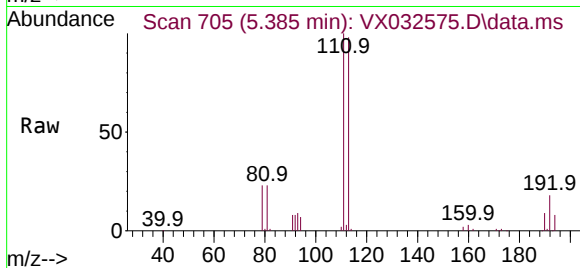
Tgt Ion:113 Resp: 61237

Ion Ratio Lower Upper

113 100

111 104.6 82.4 123.6

192 19.2 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.788 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX032575.D

Acq: 04 Nov 2022 14:42

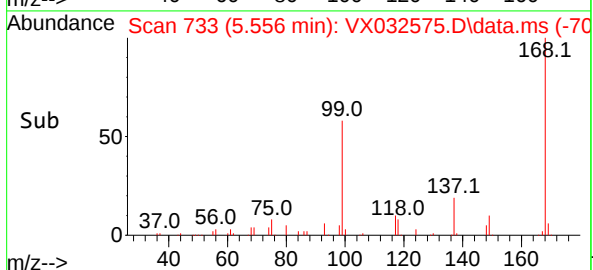
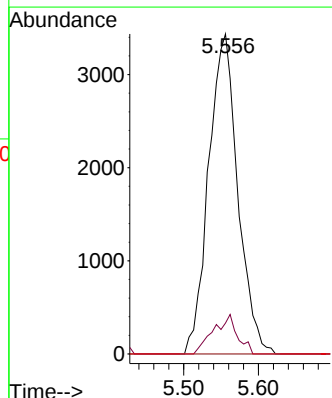
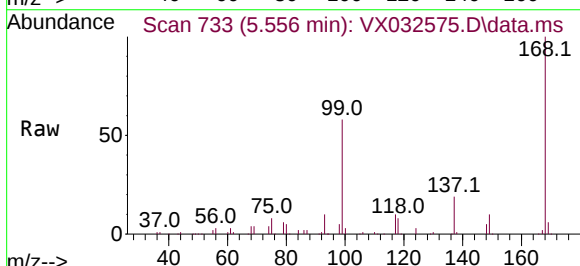
Tgt Ion: 75 Resp: 9318

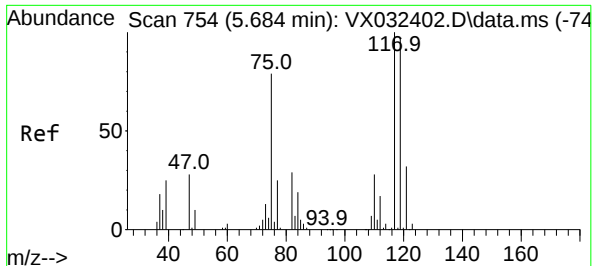
Ion Ratio Lower Upper

75 100

110 10.1 18.4 55.2#

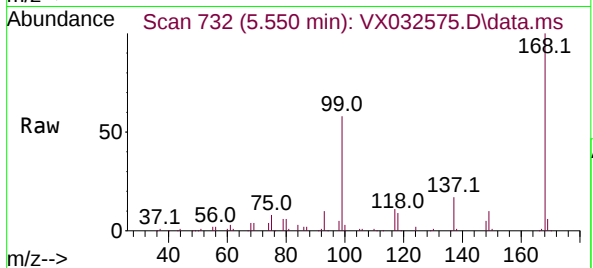
77 0.0 24.5 36.7#



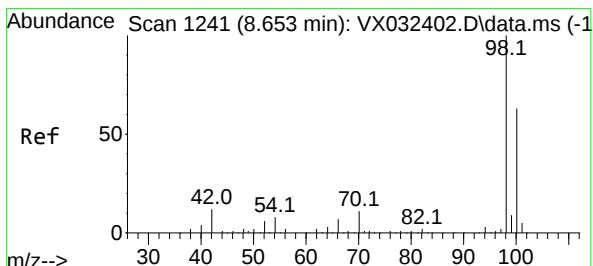
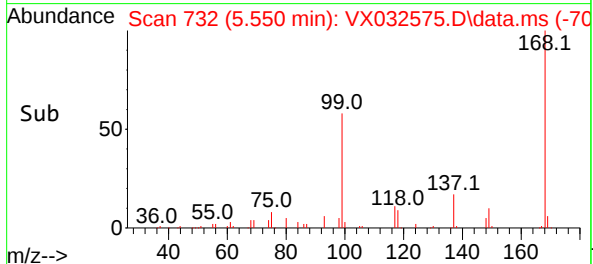
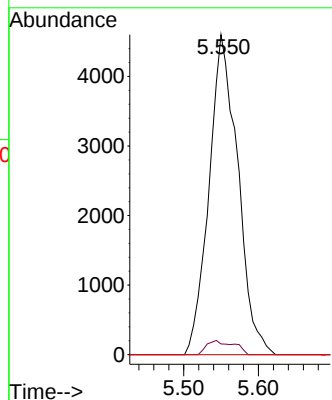


#38
Carbon Tetrachloride
Concen: 5.707 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX032575.D
Acq: 04 Nov 2022 14:42

Instrument :
MSVOA_X
ClientSampleId :

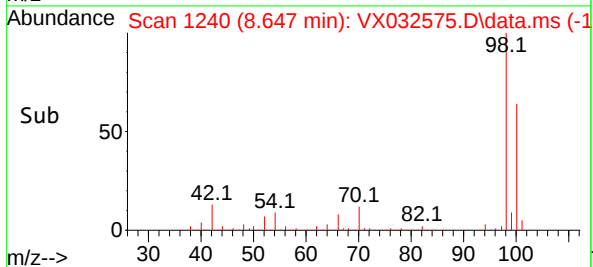
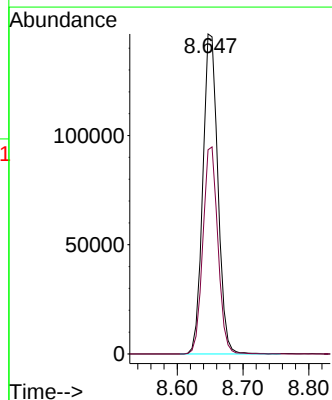
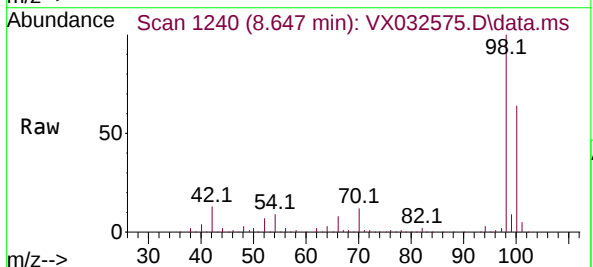


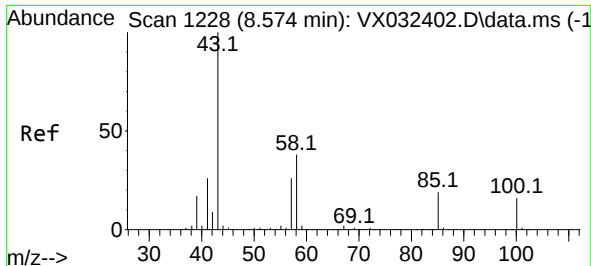
Tgt Ion:117 Resp: 12317
Ion Ratio Lower Upper
117 100
119 3.3 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 47.938 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032575.D
Acq: 04 Nov 2022 14:42

Tgt Ion: 98 Resp: 232944
Ion Ratio Lower Upper
98 100
100 64.4 50.9 76.3

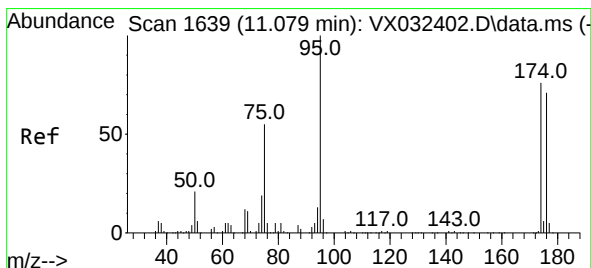
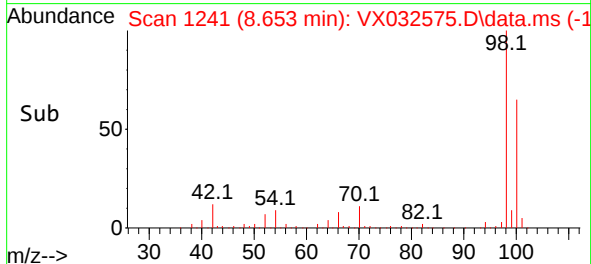
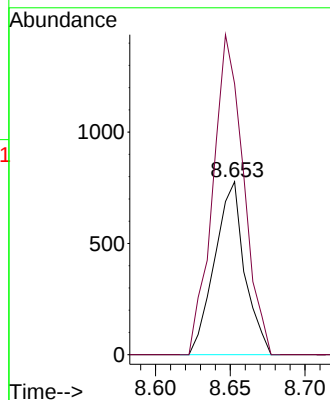
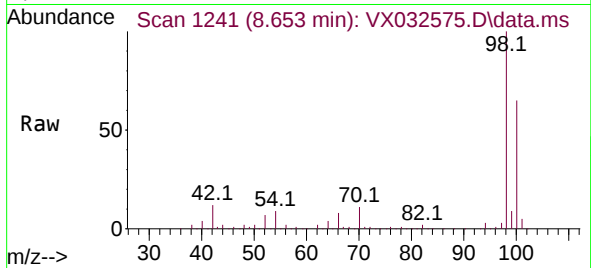




#51
4-Methyl-2-Pentanone
Concen: 0.553 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX032575.D
Acq: 04 Nov 2022 14:42

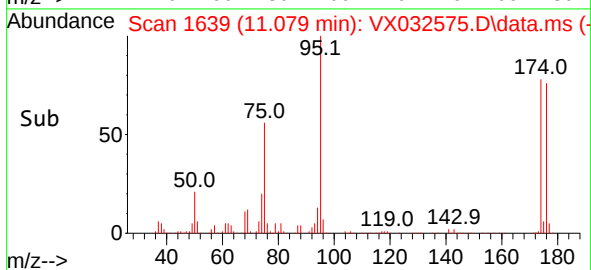
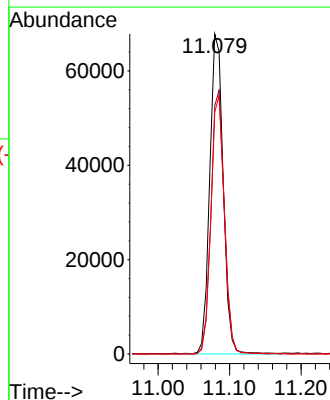
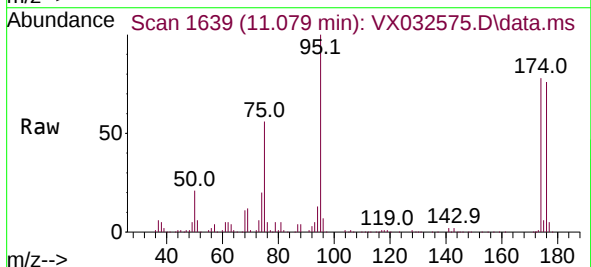
Instrument :
MSVOA_X
ClientSampleId :

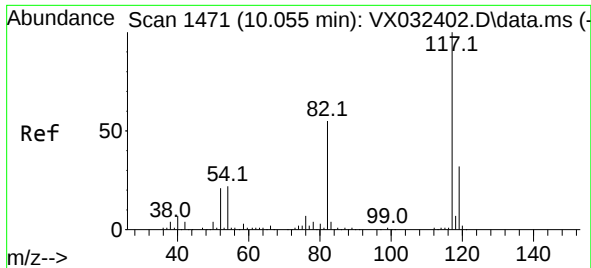
Tgt Ion: 43 Resp: 1084
Ion Ratio Lower Upper
43 100
58 189.3 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 46.760 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032575.D
Acq: 04 Nov 2022 14:42

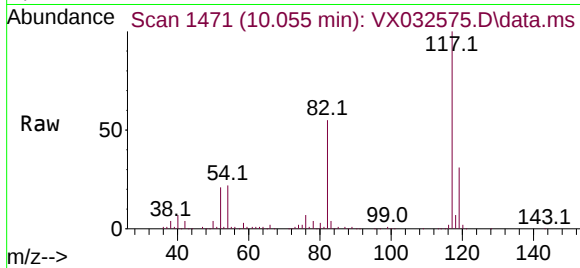
Tgt Ion: 95 Resp: 88757
Ion Ratio Lower Upper
95 100
174 81.3 0.0 164.0
176 80.6 0.0 154.4



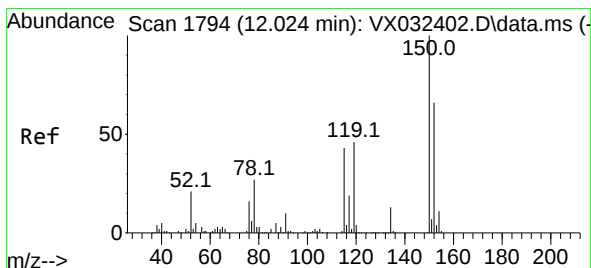
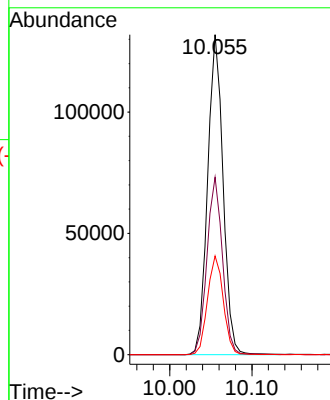
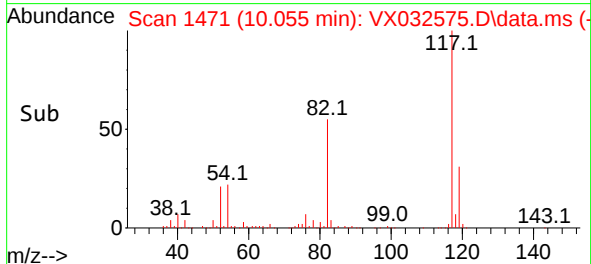


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032575.D
Acq: 04 Nov 2022 14:42

Instrument :
MSVOA_X
ClientSampleId :

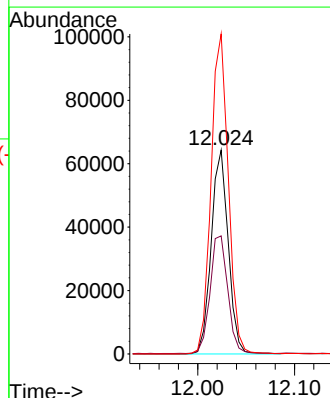
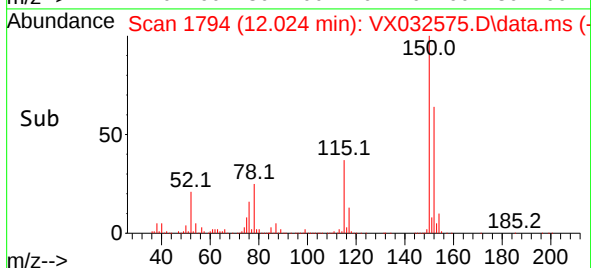
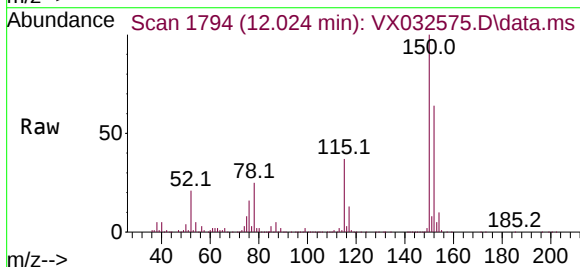


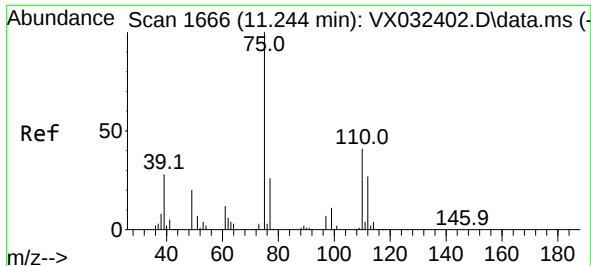
Tgt Ion:117 Resp: 171794
Ion Ratio Lower Upper
117 100
82 55.5 44.3 66.5
119 30.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032575.D
Acq: 04 Nov 2022 14:42

Tgt Ion:152 Resp: 78723
Ion Ratio Lower Upper
152 100
115 59.9 44.0 132.0
150 159.0 0.0 351.8

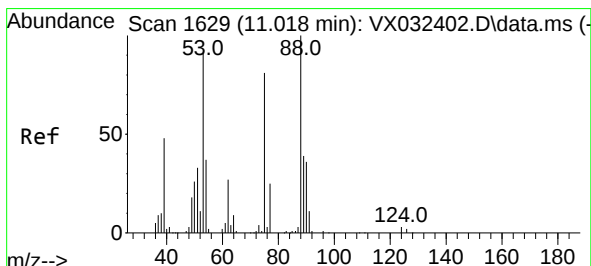
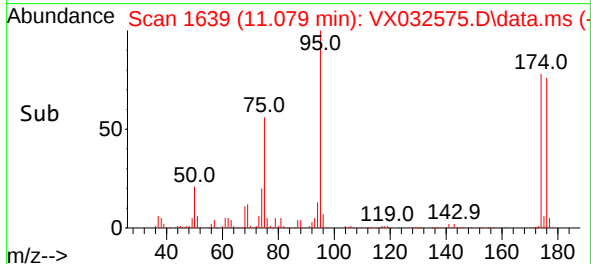
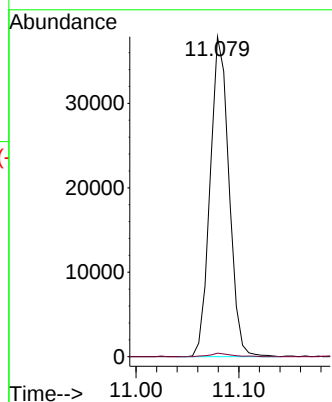
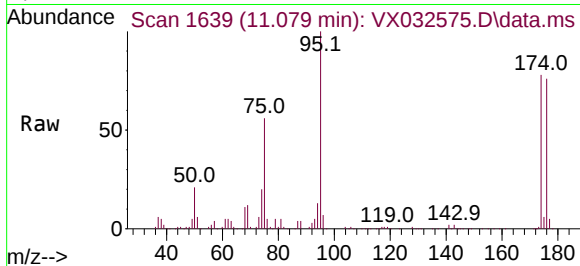




#76
1,2,3-Trichloropropane
Concen: 27.563 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032575.D
Acq: 04 Nov 2022 14:42

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 48273
Ion Ratio Lower Upper
75 100
77 1.2 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.705 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032575.D
Acq: 04 Nov 2022 14:42

Tgt Ion: 75 Resp: 48273
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

