

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110822\
 Data File : VX032658.D
 Acq On : 08 Nov 2022 16:50
 Operator : JC/MD
 Sample : N5459-03ME
 Misc : 5.04g/10ml/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 08 17:33:46 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)

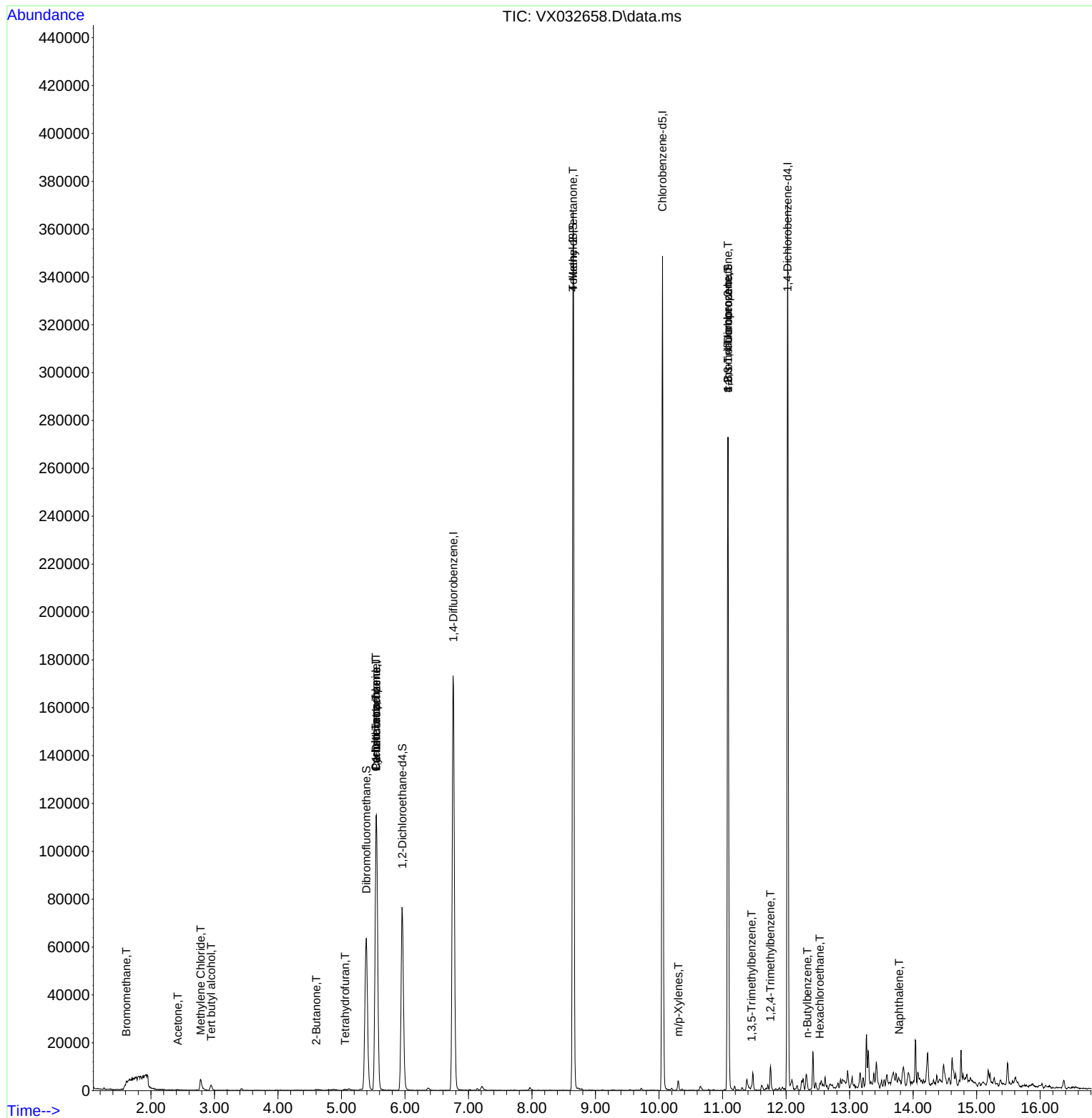
Internal Standards						
1) Pentafluorobenzene	5.550	168	109365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	178943	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	155560	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74915	49.299	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.600%		
35) Dibromofluoromethane	5.391	113	54549	42.736	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	85.480%		
50) Toluene-d8	8.647	98	215235	48.494	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.980%		
62) 4-Bromofluorobenzene	11.085	95	73522	42.407	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	84.820%		
Target Compounds					Qvalue	
5) Bromomethane	1.611	94	343	0.366	ug/l #	70
11) Tert butyl alcohol	2.947	59	1492	6.746	ug/l #	72
16) Acetone	2.422	43	355	0.643	ug/l #	45
20) Methylene Chloride	2.782	84	2693	2.127	ug/l	86
25) 2-Butanone	4.605	43	678	0.792	ug/l #	47
29) Tetrahydrofuran	5.056	42	350	0.641	ug/l #	63
31) Cyclohexane	5.544	56	2412	1.309	ug/l #	19
36) 1,1-Dichloropropene	5.544	75	8495	4.779	ug/l #	51
38) Carbon Tetrachloride	5.544	117	11122	5.642	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	966	0.540	ug/l #	1
68) m/p-Xylenes	10.305	106	934	0.386	ug/l	84
76) 1,2,3-Trichloropropane	11.085	75	40683	23.977	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.457	105	1109	0.215	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.085	75	40683	76.294	ug/l #	6
84) 1,2,4-Trimethylbenzene	11.756	105	4883	0.950	ug/l	98
89) n-Butylbenzene	12.335	91	1564	0.341	ug/l #	56
90) Hexachloroethane	12.530	117	279	0.324	ug/l #	12
95) Naphthalene	13.780	128	1788	0.299	ug/l	96

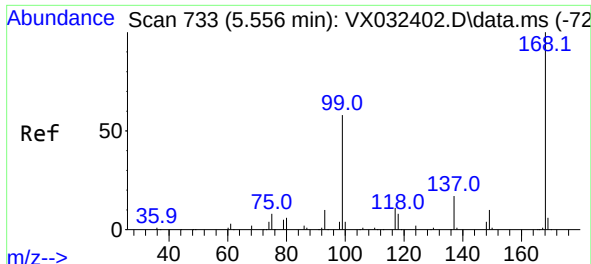
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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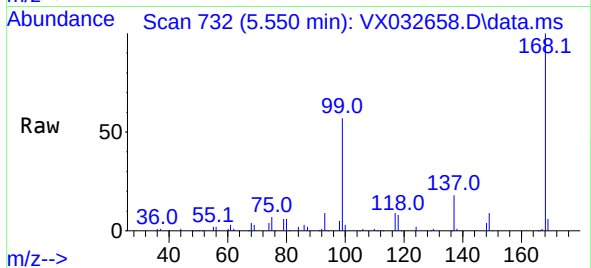
Quant Time: Nov 08 17:33:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
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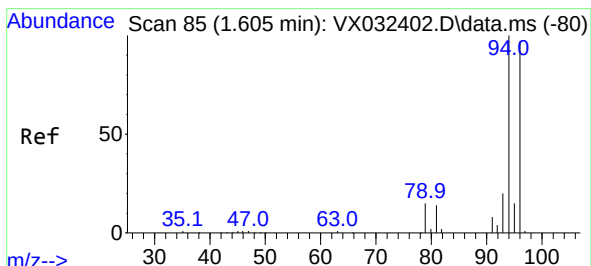
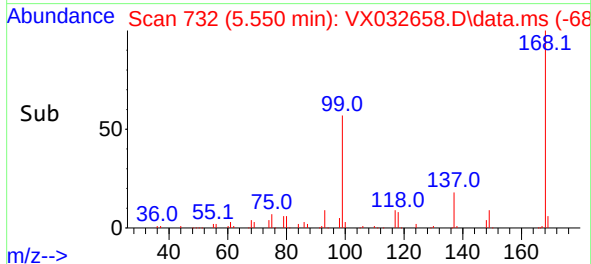
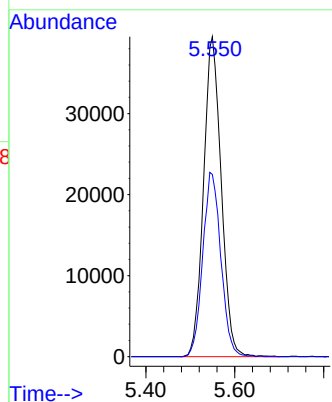


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032658.D
Acq: 08 Nov 2022 16:50

Instrument :
MSVOA_X
ClientSampleId :

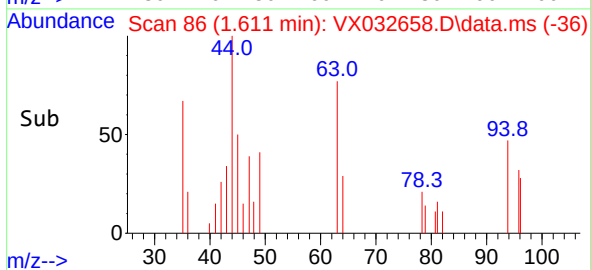
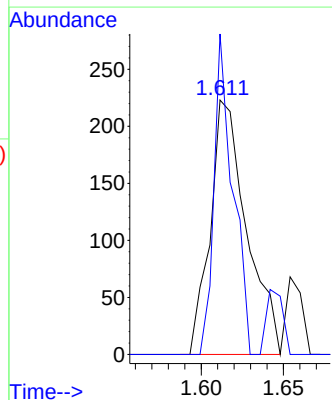
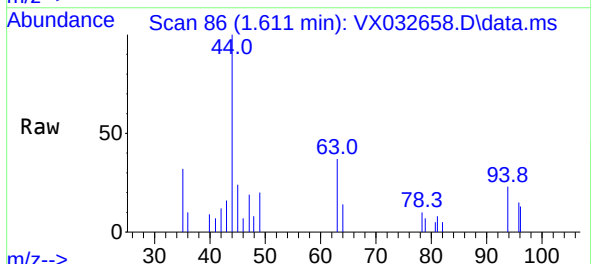


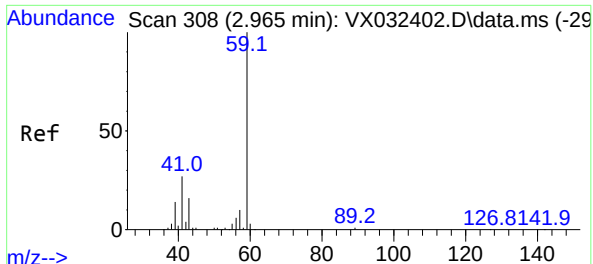
Tgt Ion:168 Resp: 109365
Ion Ratio Lower Upper
168 100
99 56.9 46.1 69.1



#5
Bromomethane
Concen: 0.366 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.006 min
Lab File: VX032658.D
Acq: 08 Nov 2022 16:50

Tgt Ion: 94 Resp: 343
Ion Ratio Lower Upper
94 100
96 126.0 77.6 116.4#





#11

Tert butyl alcohol

Concen: 6.746 ug/l

RT: 2.947 min Scan# 308

Delta R.T. -0.018 min

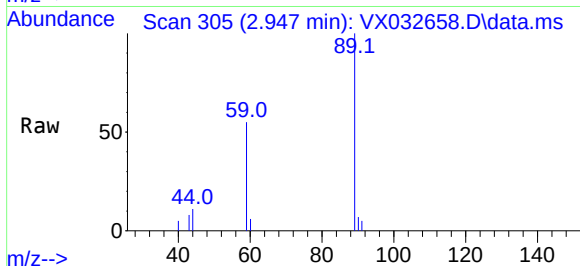
Lab File: VX032658.D

Acq: 08 Nov 2022 16:50

Instrument :

MSVOA_X

ClientSampleId :

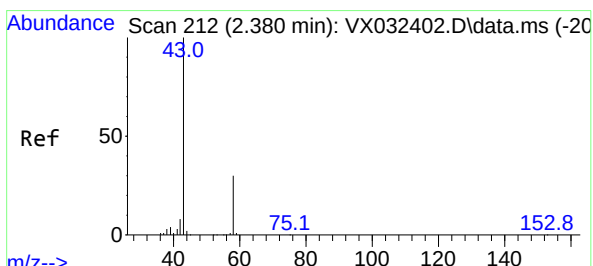
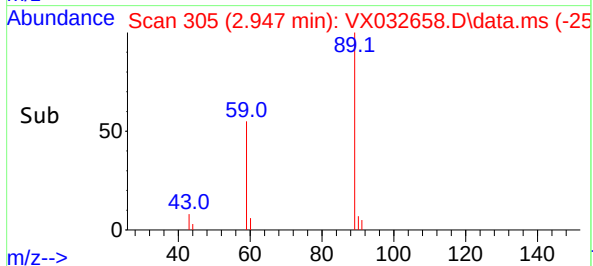
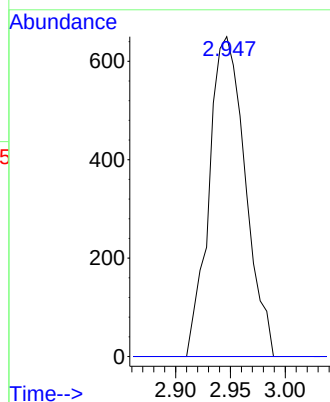


Tgt Ion: 59 Resp: 1492

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 0.643 ug/l

RT: 2.422 min Scan# 219

Delta R.T. 0.043 min

Lab File: VX032658.D

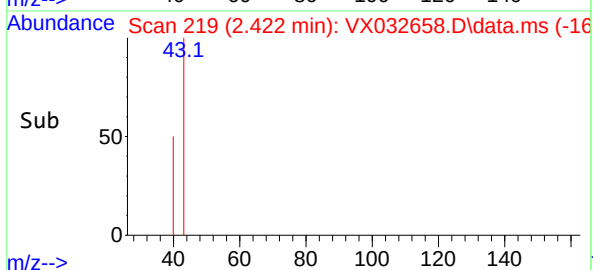
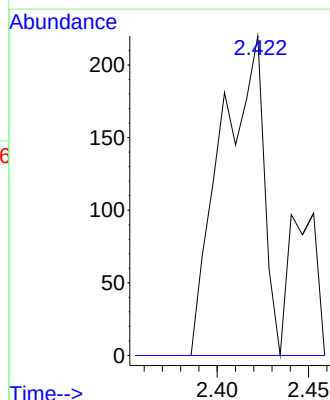
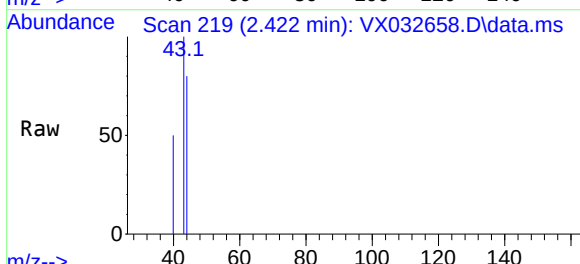
Acq: 08 Nov 2022 16:50

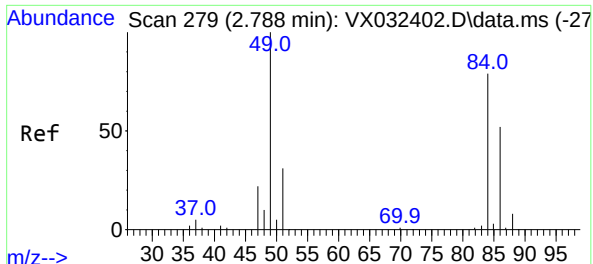
Tgt Ion: 43 Resp: 355

Ion Ratio Lower Upper

43 100

58 0.0 23.8 35.8#





#20

Methylene Chloride

Concen: 2.127 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

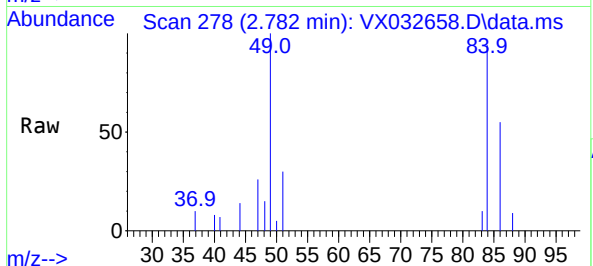
Lab File: VX032658.D

Acq: 08 Nov 2022 16:50

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 2693

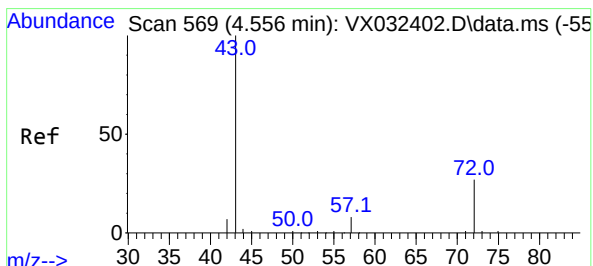
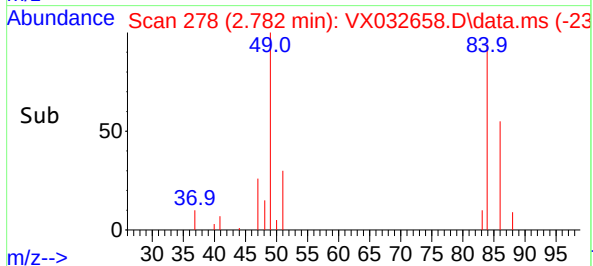
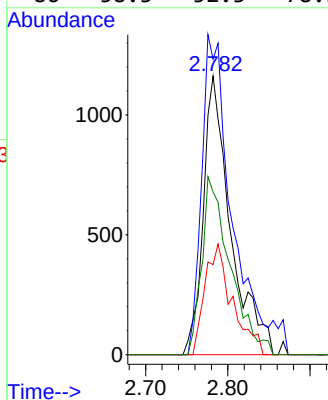
Ion Ratio Lower Upper

84 100

49 106.1 101.0 151.6

51 32.4 31.1 46.7

86 58.3 52.3 78.5



#25

2-Butanone

Concen: 0.792 ug/l

RT: 4.605 min Scan# 577

Delta R.T. 0.049 min

Lab File: VX032658.D

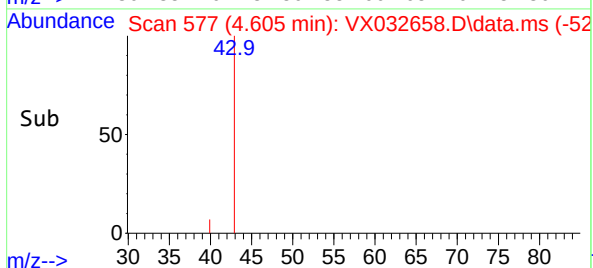
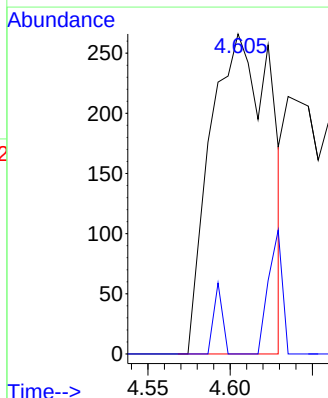
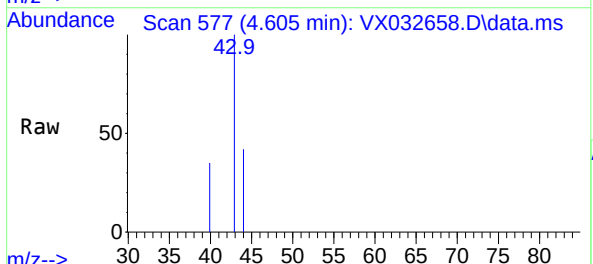
Acq: 08 Nov 2022 16:50

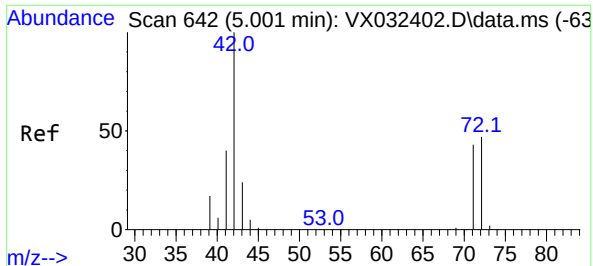
Tgt Ion: 43 Resp: 678

Ion Ratio Lower Upper

43 100

72 0.0 22.2 33.2#





#29

Tetrahydrofuran

Concen: 0.641 ug/l

RT: 5.056 min Scan# 61

Delta R.T. 0.055 min

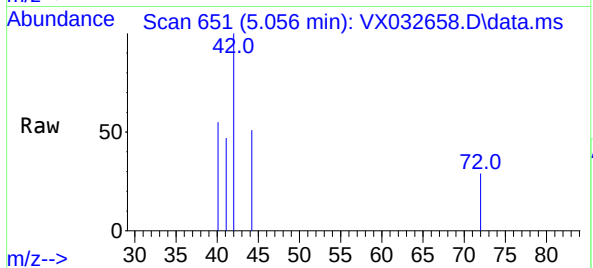
Lab File: VX032658.D

Acq: 08 Nov 2022 16:50

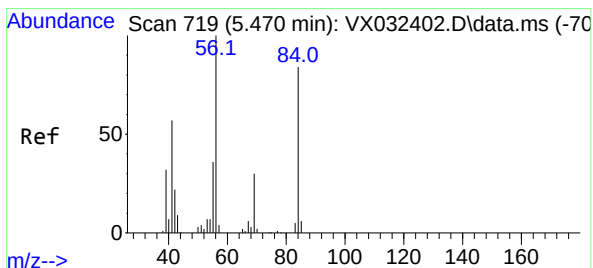
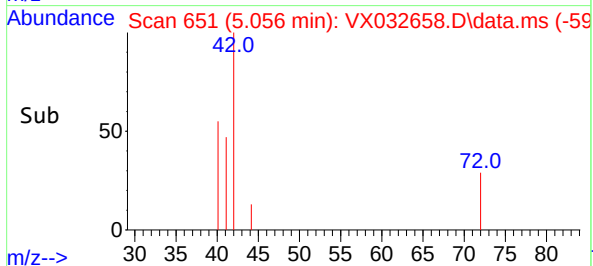
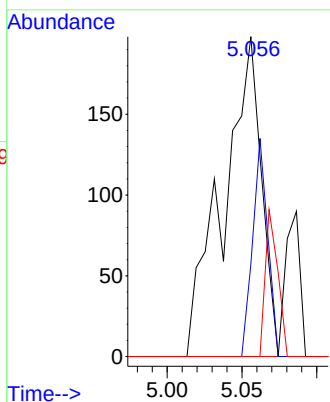
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	42	Resp:	350
Ion	Ratio	Lower	Upper
42	100		
72	26.9	37.6	56.4#
71	14.9	34.7	52.1#



#31

Cyclohexane

Concen: 1.309 ug/l

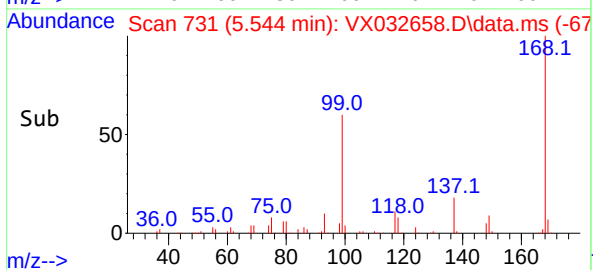
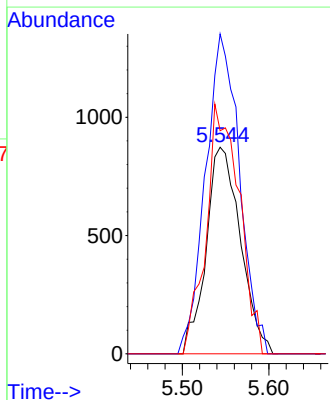
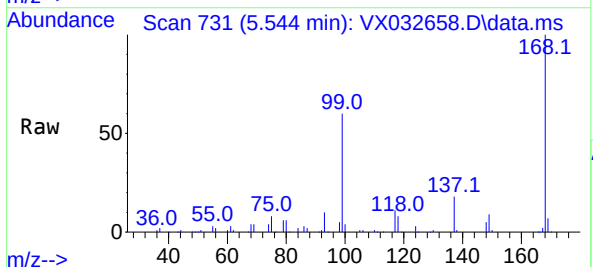
RT: 5.544 min Scan# 731

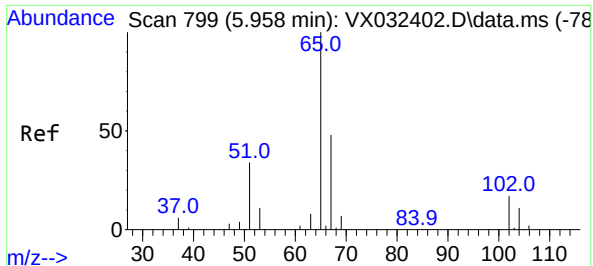
Delta R.T. 0.073 min

Lab File: VX032658.D

Acq: 08 Nov 2022 16:50

Tgt Ion:	56	Resp:	2412
Ion	Ratio	Lower	Upper
56	100		
69	154.9	24.1	36.1#
84	108.0	66.9	100.3#

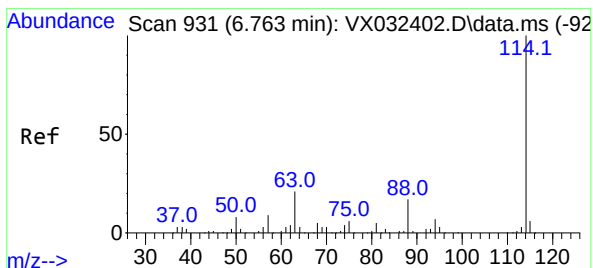
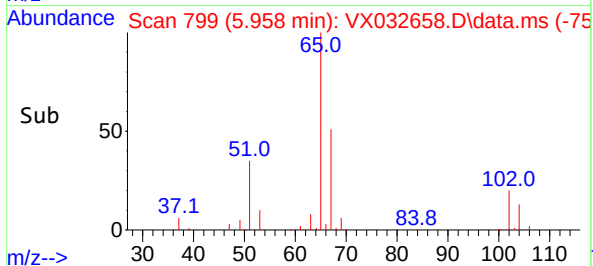
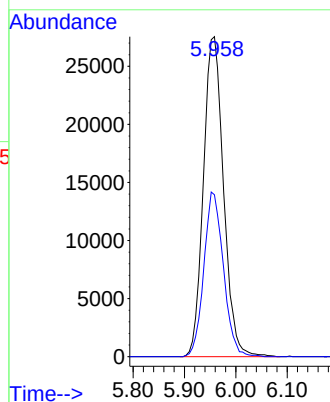
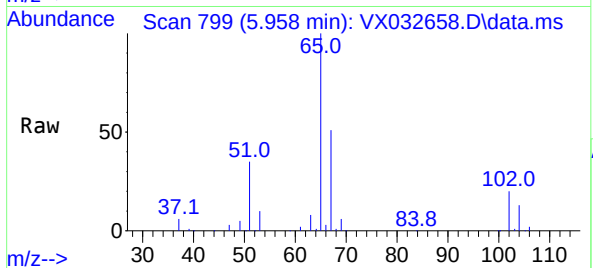




#33
 1,2-Dichloroethane-d4
 Concen: 49.299 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX032658.D
 Acq: 08 Nov 2022 16:50

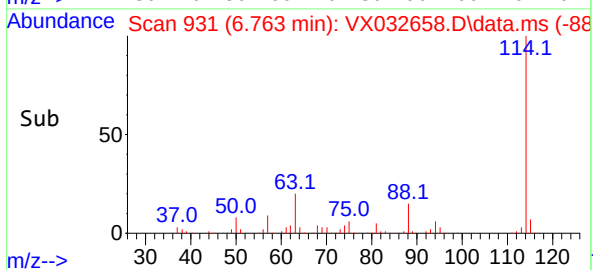
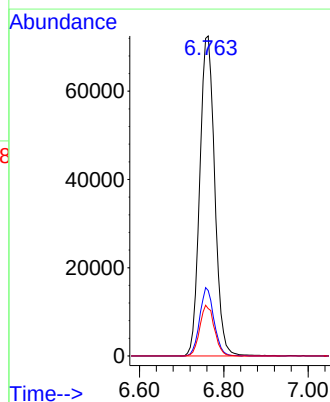
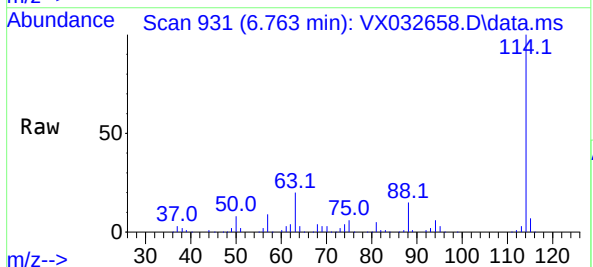
Instrument :
 MSVOA_X
 ClientSampleId :

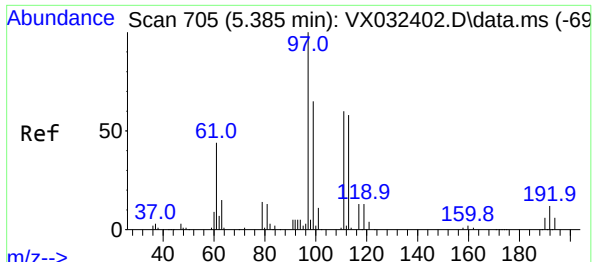
Tgt Ion: 65 Resp: 74915
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX032658.D
 Acq: 08 Nov 2022 16:50

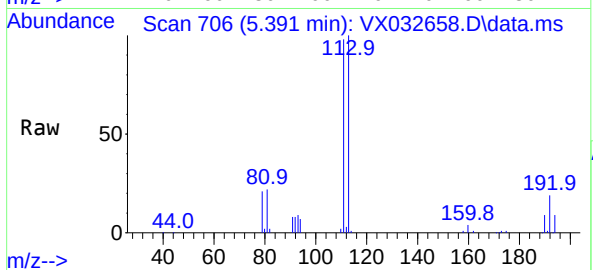
Tgt Ion: 114 Resp: 178943
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.6
 88 14.8 0.0 33.4



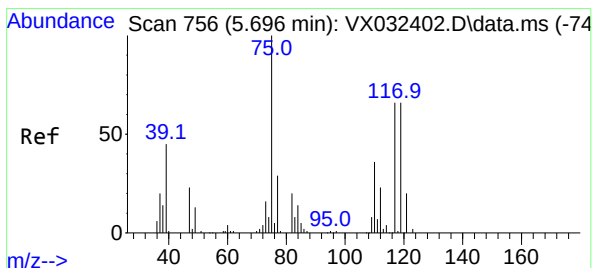
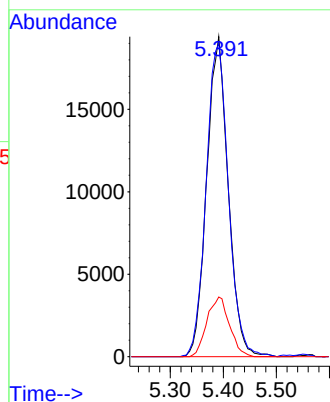
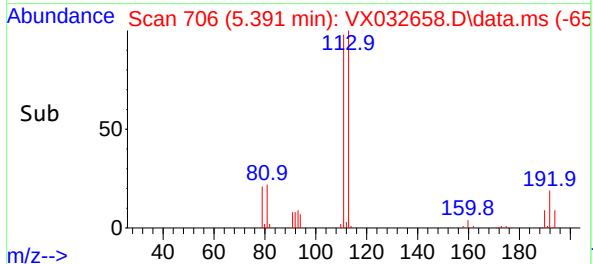


#35
Dibromofluoromethane
Concen: 42.736 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032658.D
Acq: 08 Nov 2022 16:50

Instrument :
MSVOA_X
ClientSampleId :

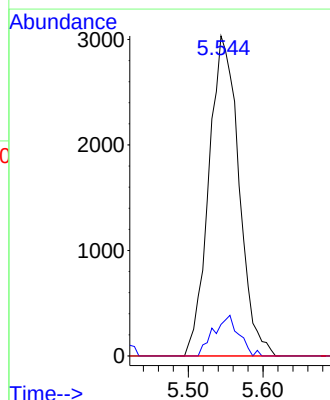
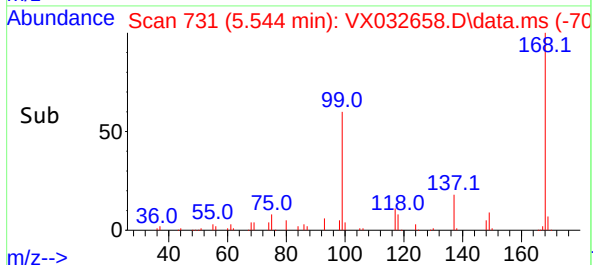
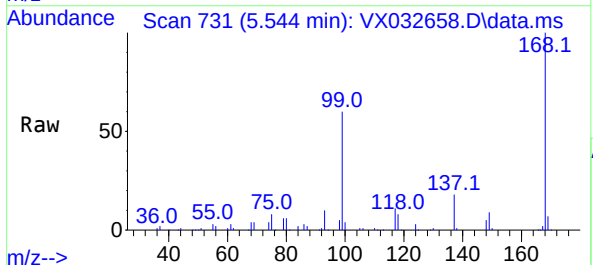


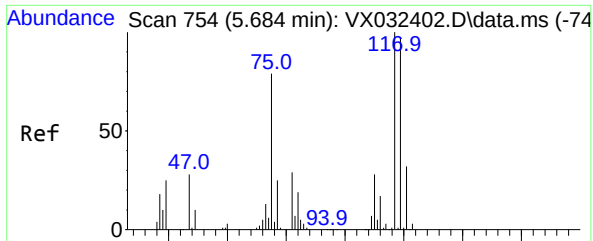
Tgt Ion:113 Resp: 54549
Ion Ratio Lower Upper
113 100
111 102.0 82.4 123.6
192 19.5 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.779 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.152 min
Lab File: VX032658.D
Acq: 08 Nov 2022 16:50

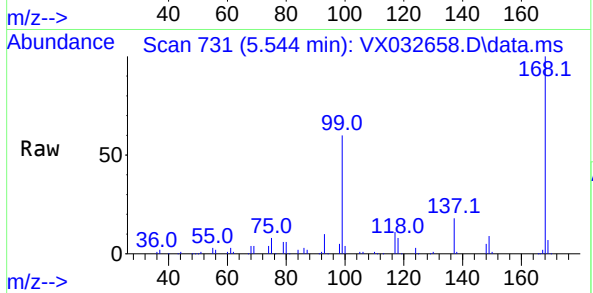
Tgt Ion: 75 Resp: 8495
Ion Ratio Lower Upper
75 100
110 10.6 18.4 55.2#
77 0.0 24.5 36.7#



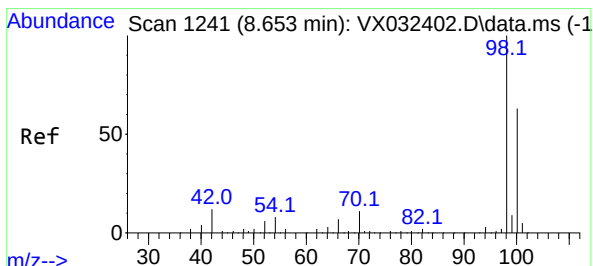
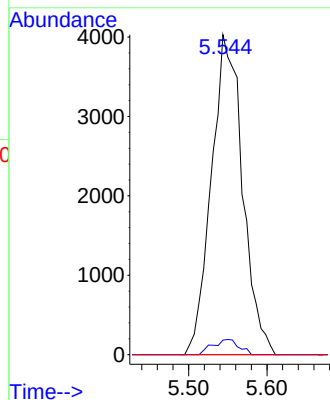
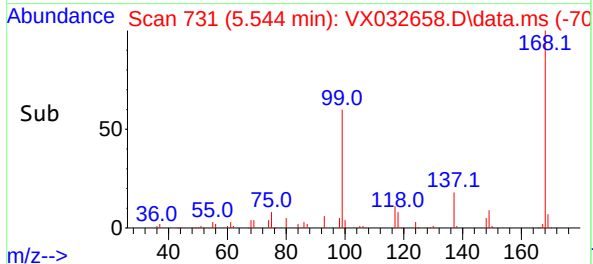


#38
Carbon Tetrachloride
Concen: 5.642 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX032658.D
Acq: 08 Nov 2022 16:50

Instrument :
MSVOA_X
ClientSampleId :

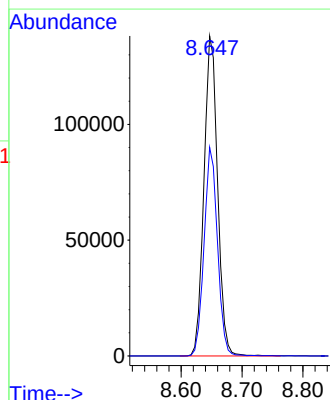
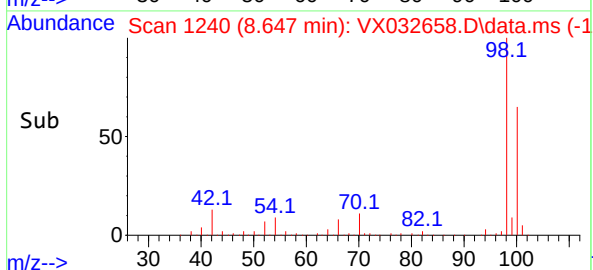
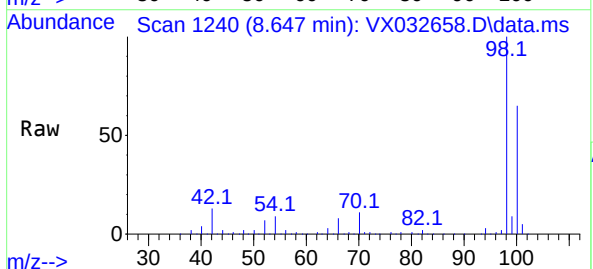


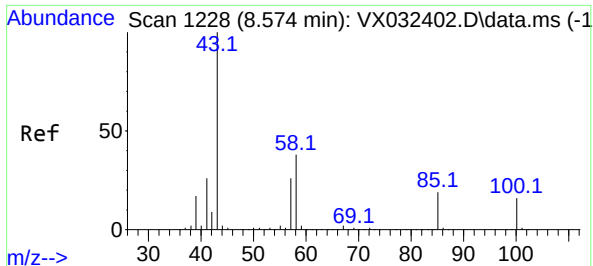
Tgt Ion:117 Resp: 11122
Ion Ratio Lower Upper
117 100
119 4.6 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.494 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032658.D
Acq: 08 Nov 2022 16:50

Tgt Ion: 98 Resp: 215235
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.540 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX032658.D

Acq: 08 Nov 2022 16:50

Instrument :

MSVOA_X

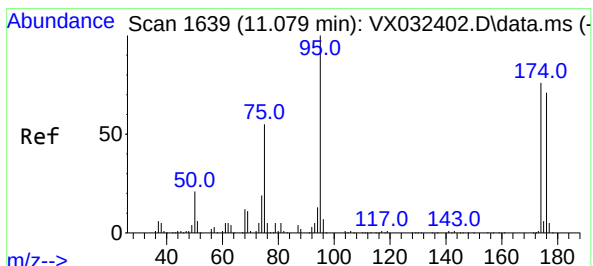
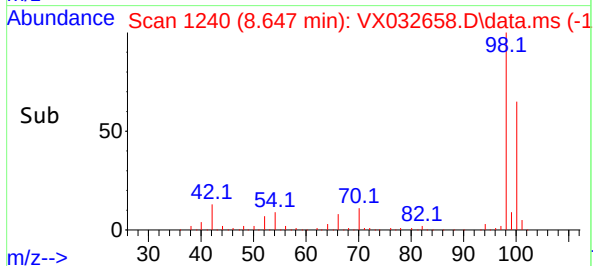
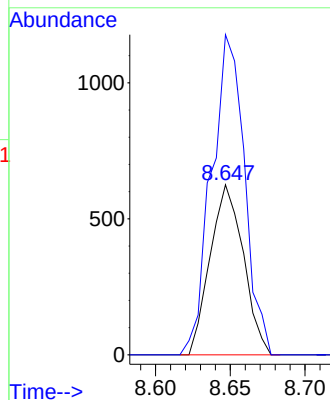
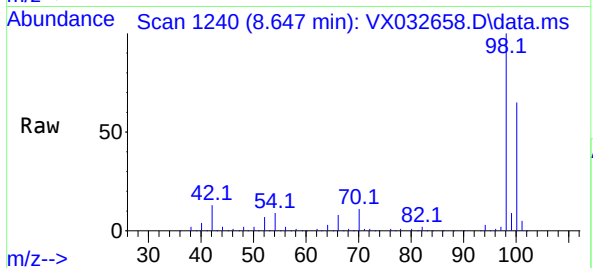
ClientSampleId :

Tgt Ion: 43 Resp: 966

Ion Ratio Lower Upper

43 100

58 187.4 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 42.407 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX032658.D

Acq: 08 Nov 2022 16:50

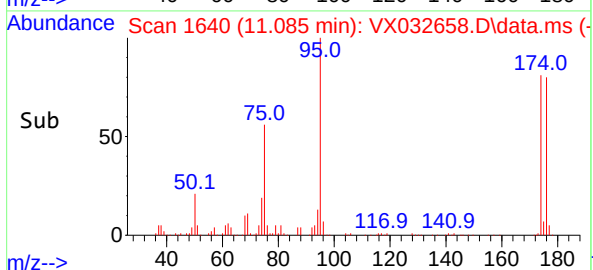
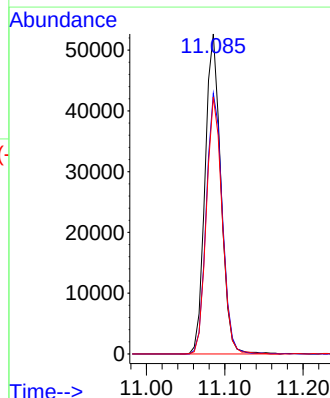
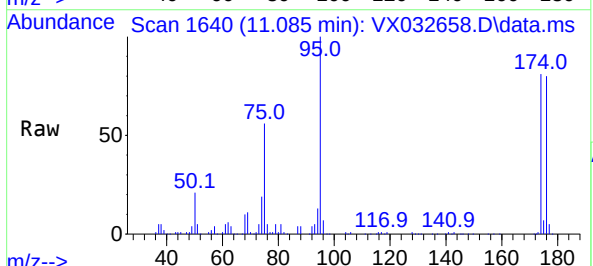
Tgt Ion: 95 Resp: 73522

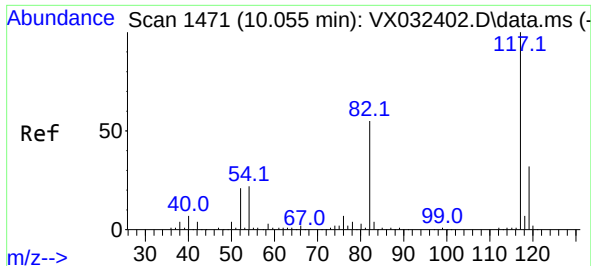
Ion Ratio Lower Upper

95 100

174 82.8 0.0 164.0

176 79.7 0.0 154.4

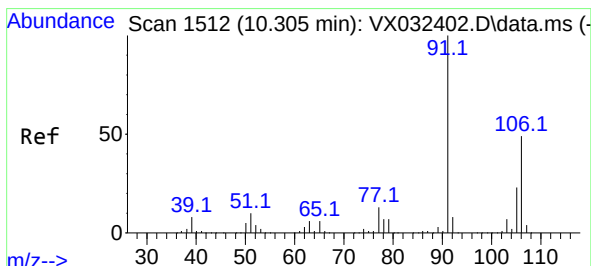
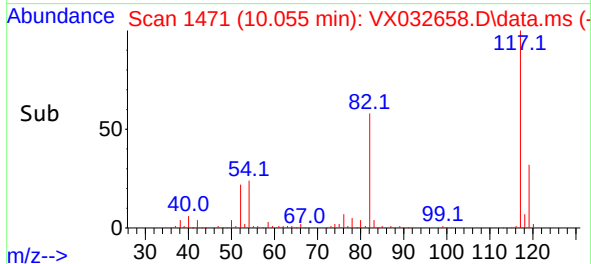
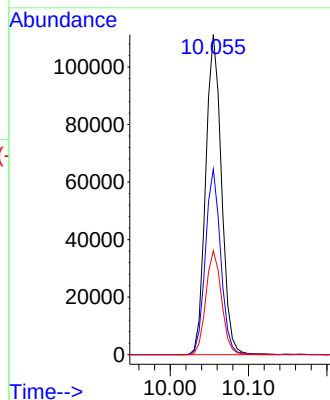
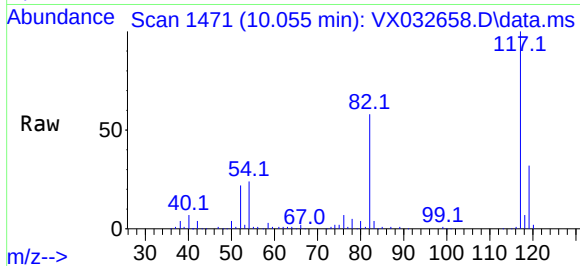




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032658.D
Acq: 08 Nov 2022 16:50

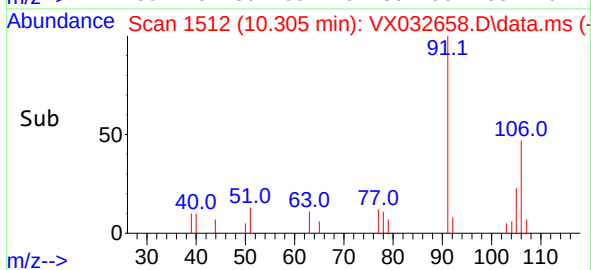
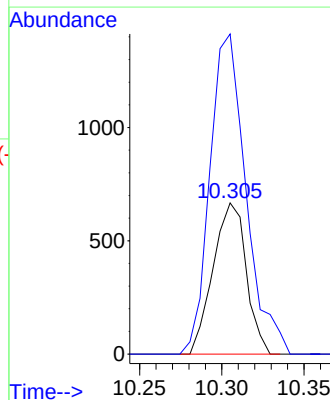
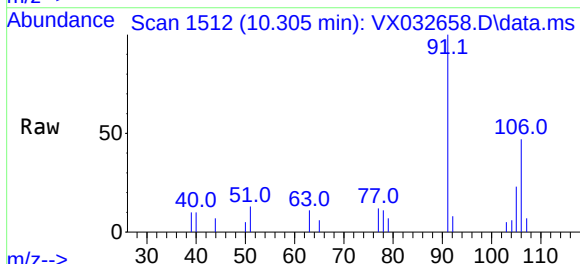
Instrument :
MSVOA_X
ClientSampleId :

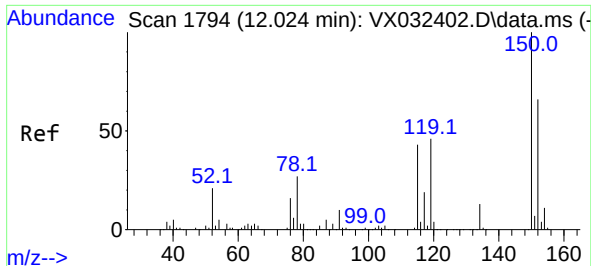
Tgt Ion:117 Resp: 155560
Ion Ratio Lower Upper
117 100
82 58.0 44.3 66.5
119 32.5 25.7 38.5



#68
m/p-Xylenes
Concen: 0.386 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX032658.D
Acq: 08 Nov 2022 16:50

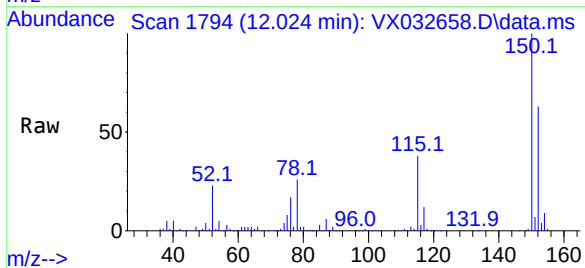
Tgt Ion:106 Resp: 934
Ion Ratio Lower Upper
106 100
91 230.5 164.5 246.7



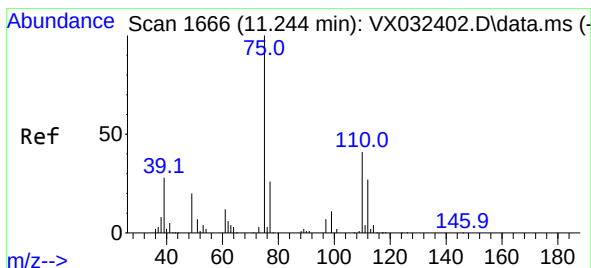
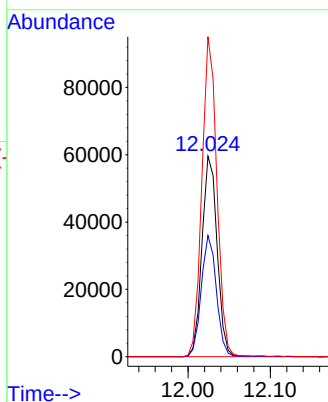
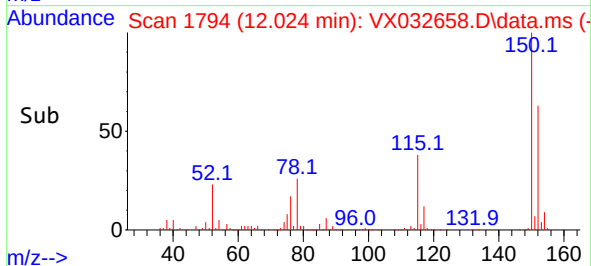


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032658.D
Acq: 08 Nov 2022 16:50

Instrument :
MSVOA_X
ClientSampleId :

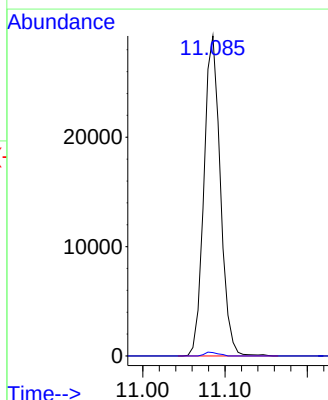
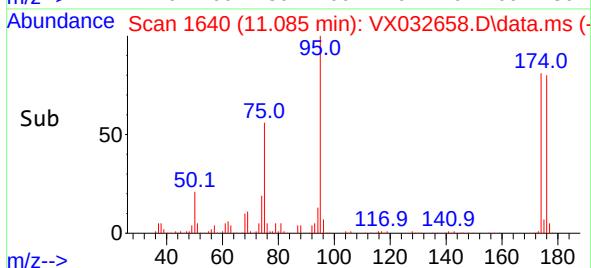
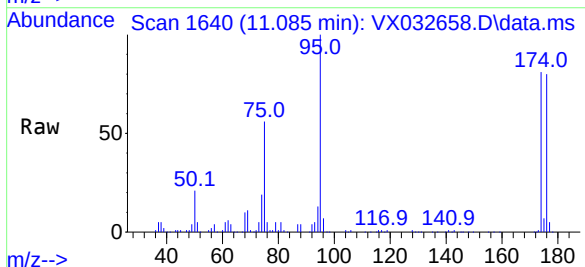


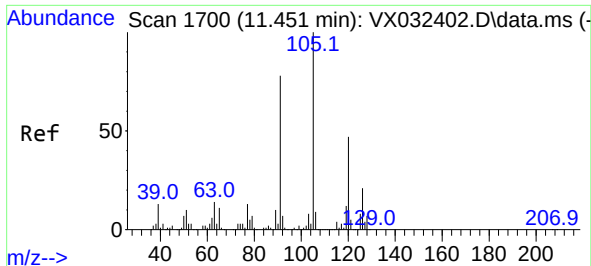
Tgt Ion:152 Resp: 76268
Ion Ratio Lower Upper
152 100
115 60.2 44.0 132.0
150 157.4 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 23.977 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX032658.D
Acq: 08 Nov 2022 16:50

Tgt Ion: 75 Resp: 40683
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#

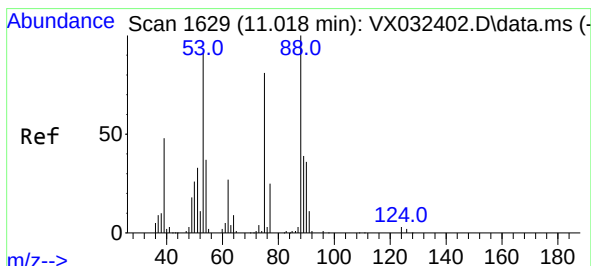
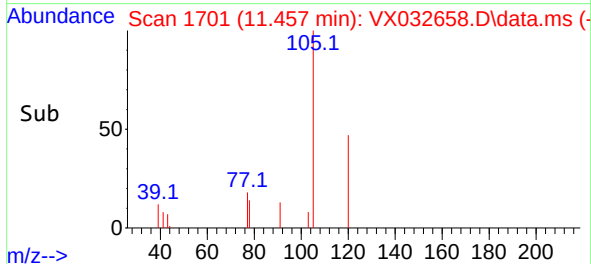
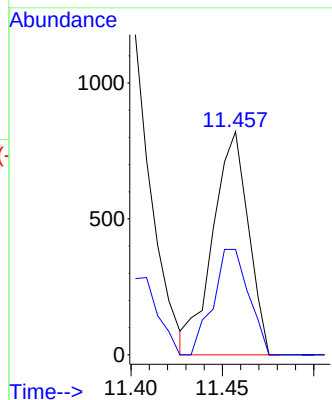
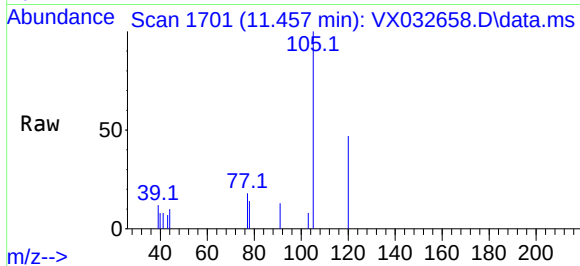




#80
1,3,5-Trimethylbenzene
Concen: 0.215 ug/l
RT: 11.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX032658.D
Acq: 08 Nov 2022 16:50

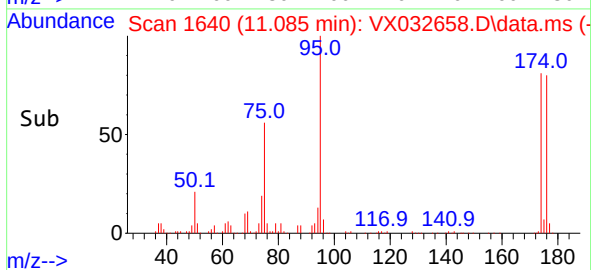
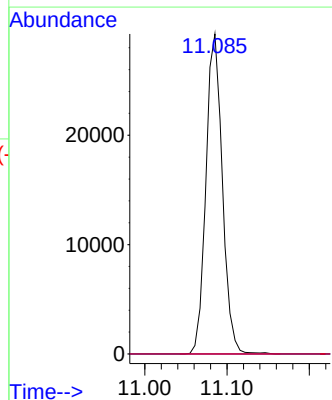
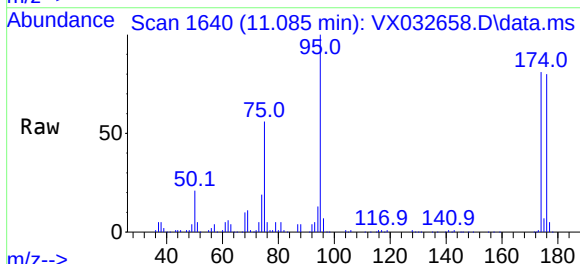
Instrument :
MSVOA_X
ClientSampleId :

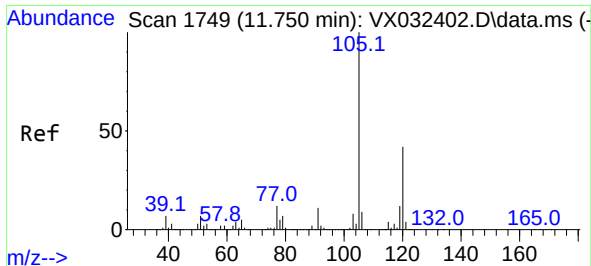
Tgt Ion:105 Resp: 1109
Ion Ratio Lower Upper
105 100
120 47.5 23.6 71.0



#81
trans-1,4-Dichloro-2-butene
Concen: 76.294 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX032658.D
Acq: 08 Nov 2022 16:50

Tgt Ion: 75 Resp: 40683
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#





#84

1,2,4-Trimethylbenzene

Concen: 0.950 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX032658.D

Acq: 08 Nov 2022 16:50

Instrument :

MSVOA_X

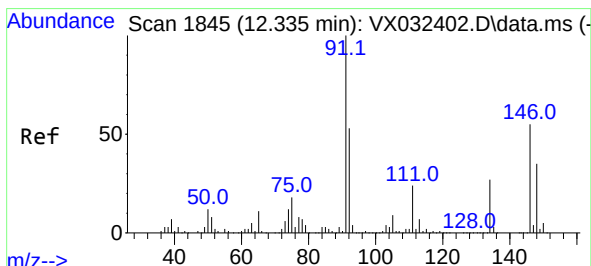
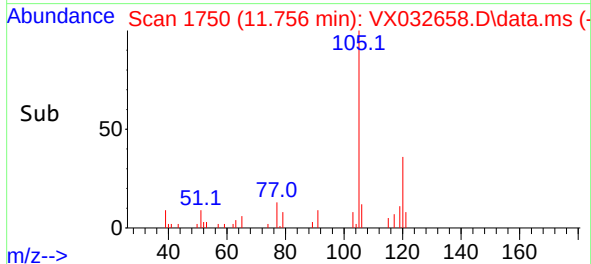
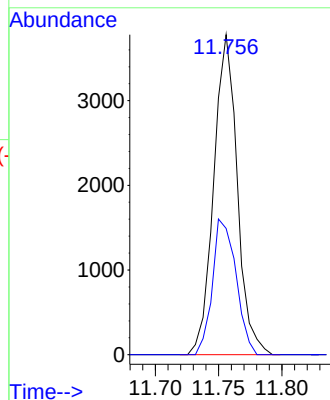
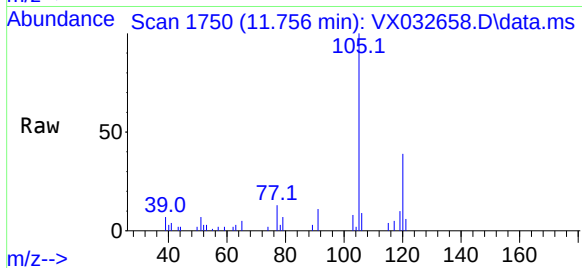
ClientSampleId :

Tgt Ion:105 Resp: 4883

Ion Ratio Lower Upper

105 100

120 42.4 21.9 65.5



#89

n-Butylbenzene

Concen: 0.341 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX032658.D

Acq: 08 Nov 2022 16:50

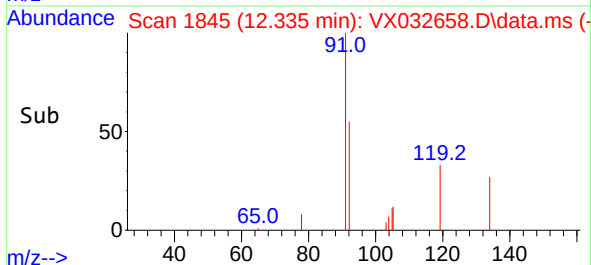
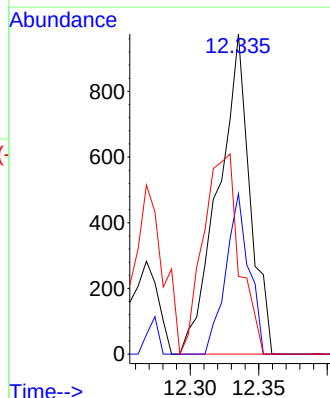
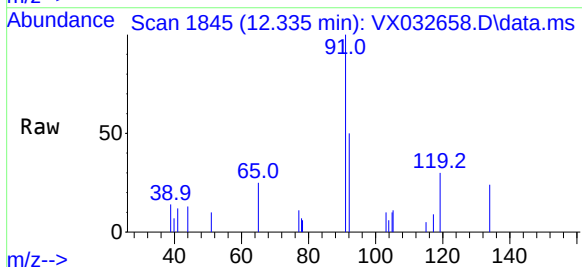
Tgt Ion: 91 Resp: 1564

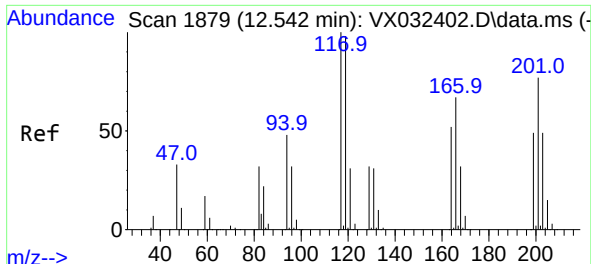
Ion Ratio Lower Upper

91 100

92 36.8 26.2 78.6

134 71.2 12.9 38.6#

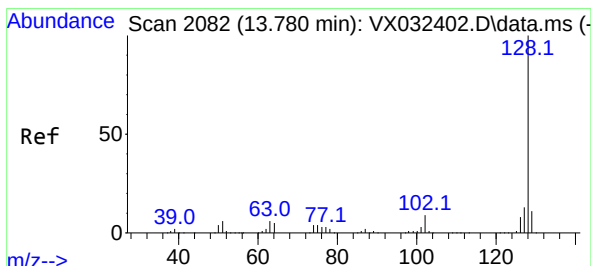
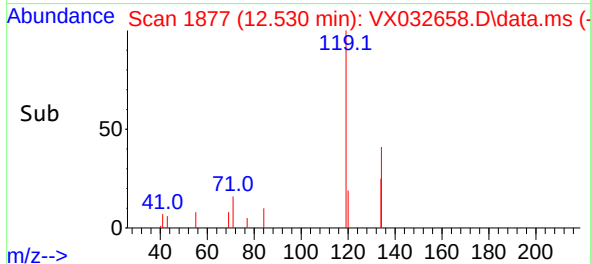
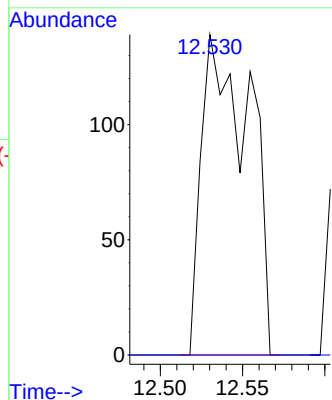
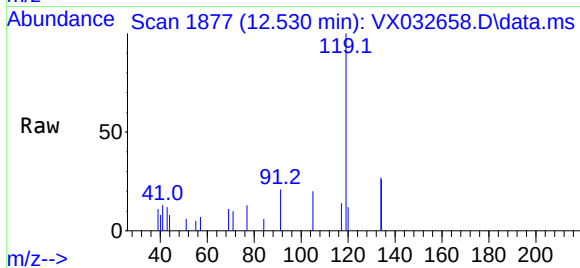




#90
Hexachloroethane
Concen: 0.324 ug/l
RT: 12.530 min Scan# 117
Delta R.T. -0.012 min
Lab File: VX032658.D
Acq: 08 Nov 2022 16:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 279
Ion Ratio Lower Upper
117 100
201 0.0 37.6 112.9#



#95
Naphthalene
Concen: 0.299 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX032658.D
Acq: 08 Nov 2022 16:50

Tgt Ion:128 Resp: 1788
Ion Ratio Lower Upper
128 100
127 11.4 10.2 15.4
129 9.3 8.9 13.3

