

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110822\
 Data File : VX032657.D
 Acq On : 08 Nov 2022 16:26
 Operator : JC/MD
 Sample : N5435-01ME
 Misc : 5.01g/10ml/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 08 17:33:39 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)

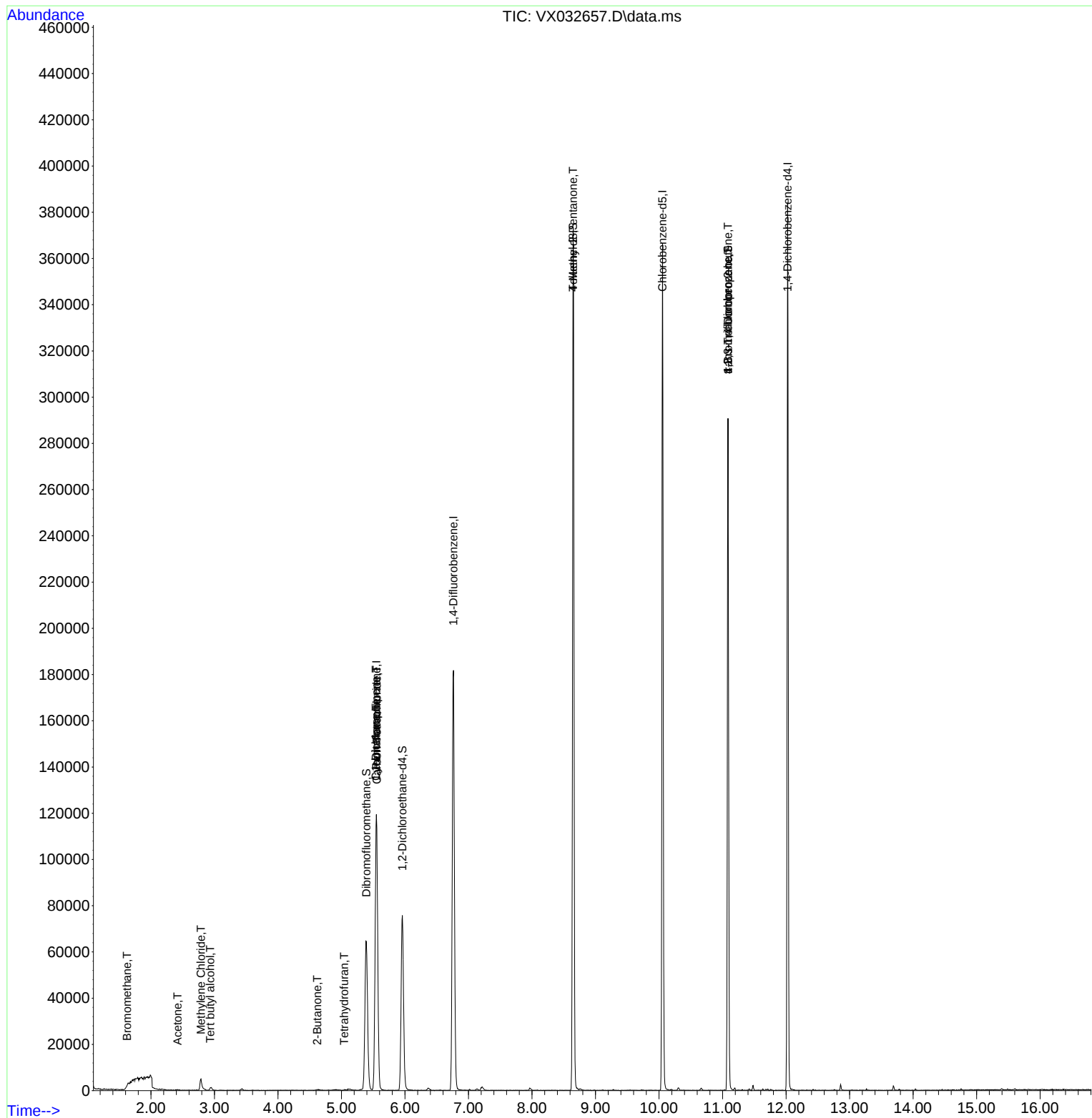
Internal Standards						
1) Pentafluorobenzene	5.550	168	112188	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	184419	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	162923	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75769	48.606	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.220%
35) Dibromofluoromethane	5.391	113	55575	42.247	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	84.500%
50) Toluene-d8	8.647	98	222480	48.638	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.280%
62) 4-Bromofluorobenzene	11.085	95	78013	43.661	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.320%
Target Compounds						
					Qvalue	
5) Bromomethane	1.623	94	240	0.249	ug/l #	77
11) Tert butyl alcohol	2.934	59	928	4.090	ug/l #	72
16) Acetone	2.416	43	368	0.650	ug/l #	45
20) Methylene Chloride	2.788	84	2928	2.254	ug/l #	86
25) 2-Butanone	4.617	43	799	0.910	ug/l	98
29) Tetrahydrofuran	5.044	42	235	0.420	ug/l #	45
31) Cyclohexane	5.543	56	2424	1.283	ug/l #	11
36) 1,1-Dichloropropene	5.543	75	8567	4.677	ug/l #	51
38) Carbon Tetrachloride	5.556	117	11509	5.664	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1034	0.561	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	42627	24.073	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	42627	76.602	ug/l #	6

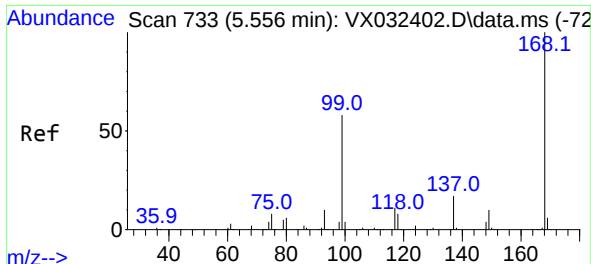
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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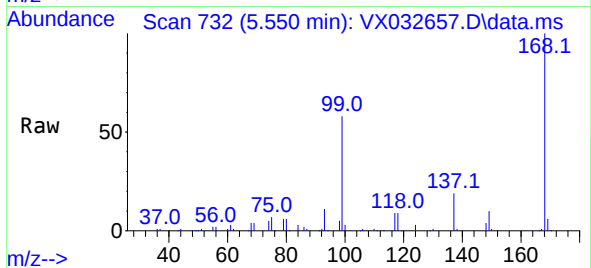
Quant Time: Nov 08 17:33:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
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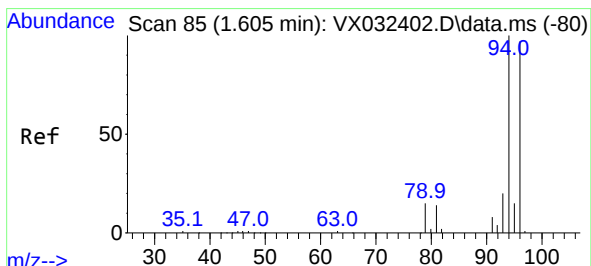
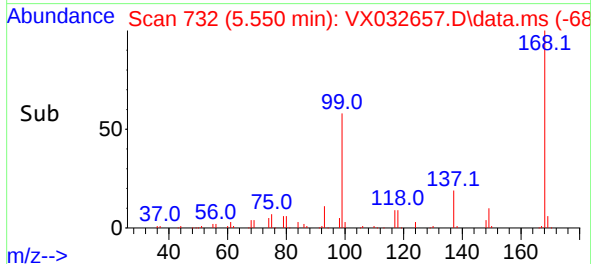
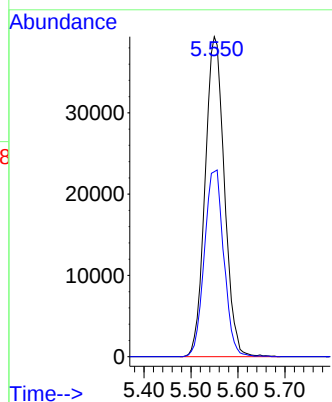


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032657.D
Acq: 08 Nov 2022 16:26

Instrument :
MSVOA_X
ClientSampleId :

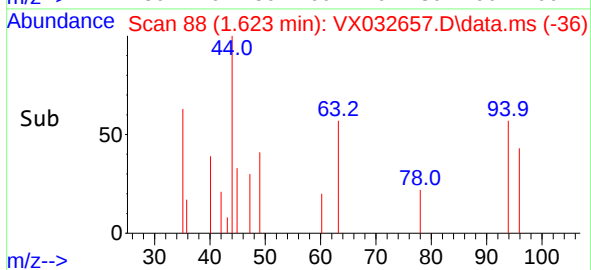
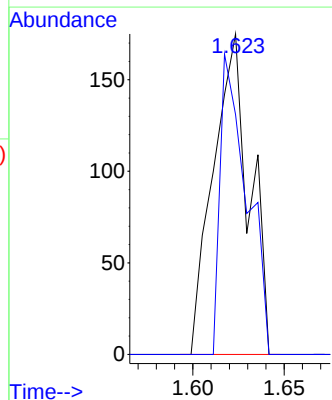
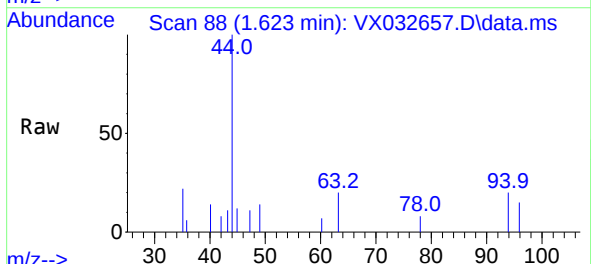


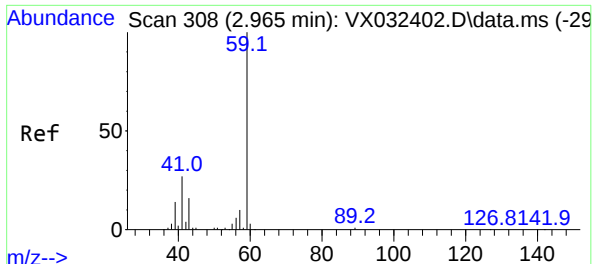
Tgt Ion:168 Resp: 112188
Ion Ratio Lower Upper
168 100
99 57.8 46.1 69.1



#5
Bromomethane
Concen: 0.249 ug/l
RT: 1.623 min Scan# 88
Delta R.T. 0.018 min
Lab File: VX032657.D
Acq: 08 Nov 2022 16:26

Tgt Ion: 94 Resp: 240
Ion Ratio Lower Upper
94 100
96 74.9 77.6 116.4#





#11

Tert butyl alcohol

Concen: 4.090 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.031 min

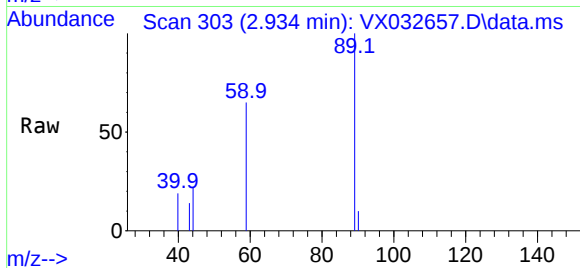
Lab File: VX032657.D

Acq: 08 Nov 2022 16:26

Instrument :

MSVOA_X

ClientSampleId :

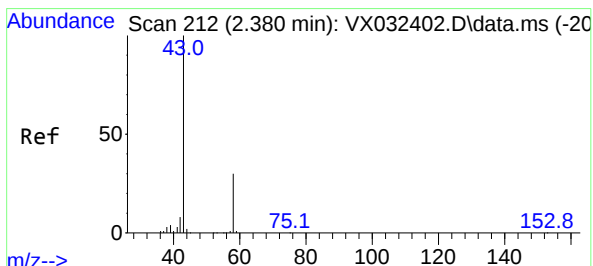
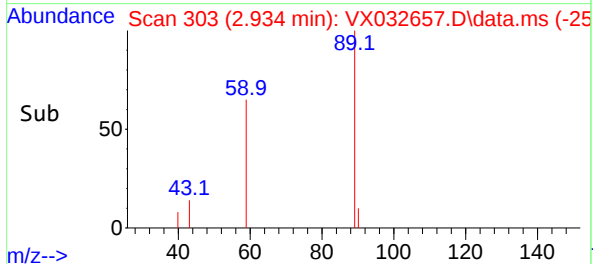
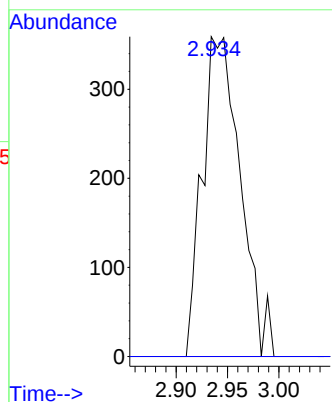


Tgt Ion: 59 Resp: 928

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 0.650 ug/l

RT: 2.416 min Scan# 218

Delta R.T. 0.036 min

Lab File: VX032657.D

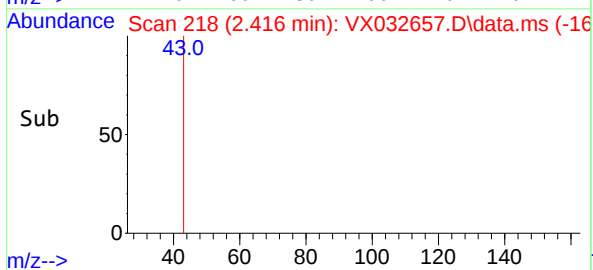
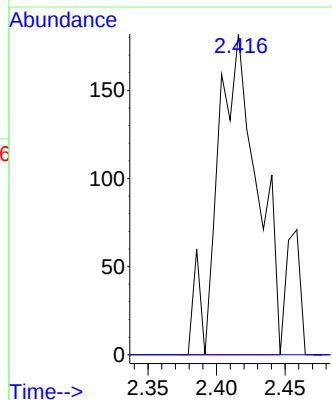
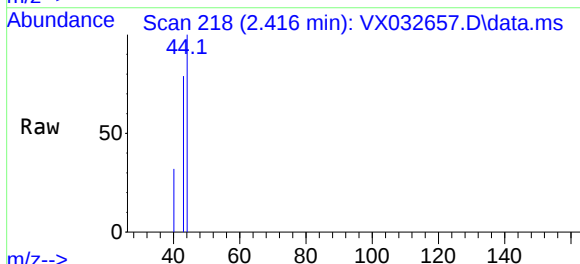
Acq: 08 Nov 2022 16:26

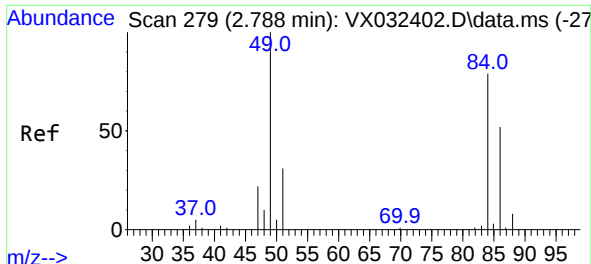
Tgt Ion: 43 Resp: 368

Ion Ratio Lower Upper

43 100

58 0.0 23.8 35.8#





#20

Methylene Chloride

Concen: 2.254 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

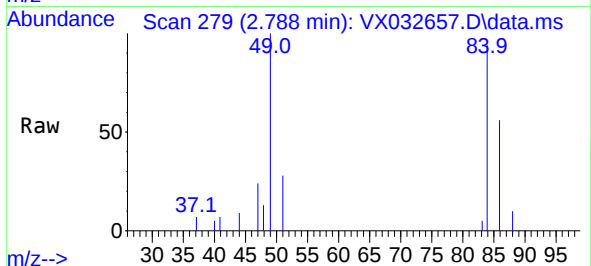
Lab File: VX032657.D

Acq: 08 Nov 2022 16:26

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 2928

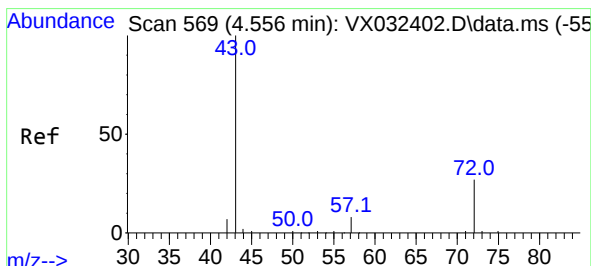
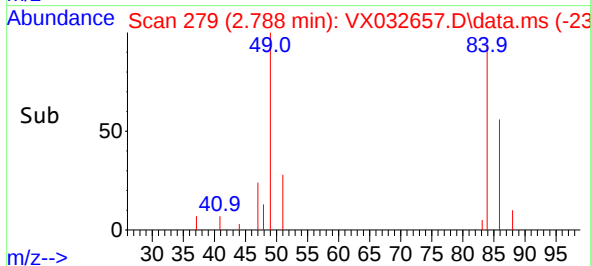
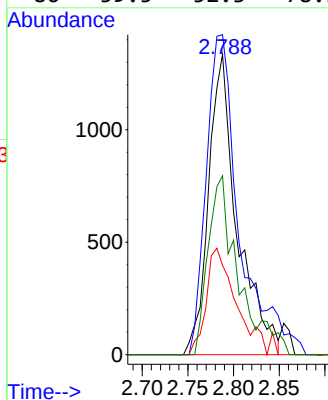
Ion Ratio Lower Upper

84 100

49 106.5 101.0 151.6

51 29.7 31.1 46.7#

86 59.5 52.3 78.5



#25

2-Butanone

Concen: 0.910 ug/l

RT: 4.617 min Scan# 579

Delta R.T. 0.061 min

Lab File: VX032657.D

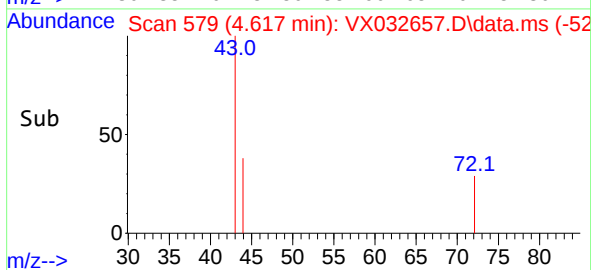
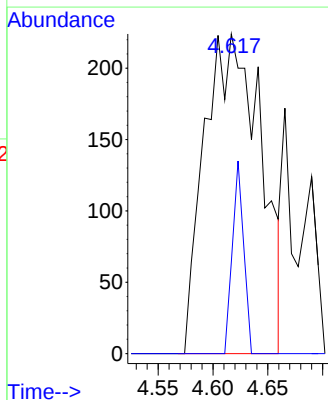
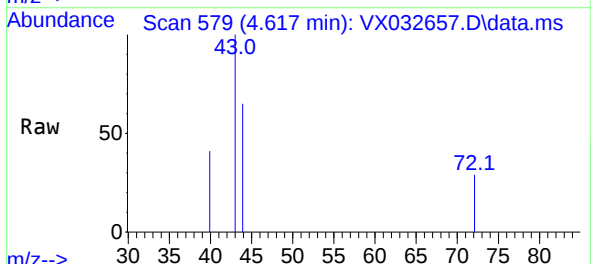
Acq: 08 Nov 2022 16:26

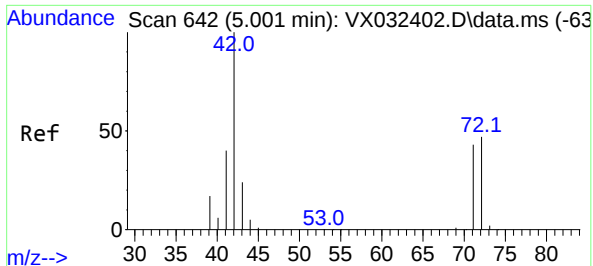
Tgt Ion: 43 Resp: 799

Ion Ratio Lower Upper

43 100

72 28.6 22.2 33.2





#29

Tetrahydrofuran

Concen: 0.420 ug/l

RT: 5.044 min Scan# 642

Delta R.T. 0.042 min

Lab File: VX032657.D

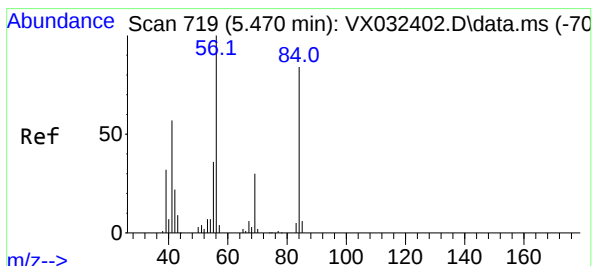
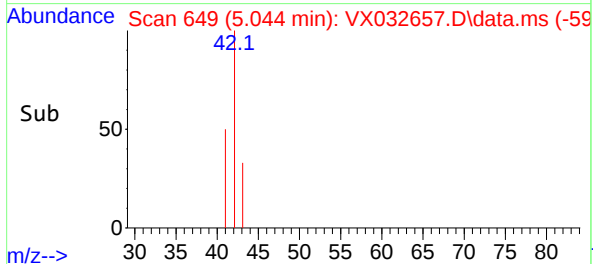
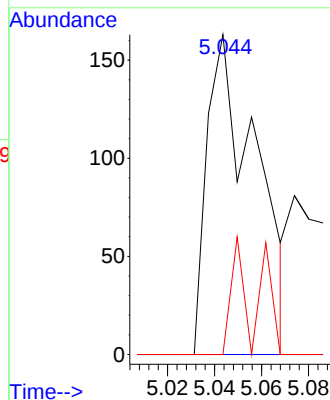
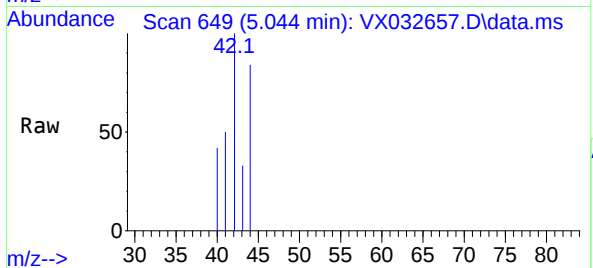
Acq: 08 Nov 2022 16:26

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	42	Resp:	235
Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.6	56.4#
71	18.3	34.7	52.1#



#31

Cyclohexane

Concen: 1.283 ug/l

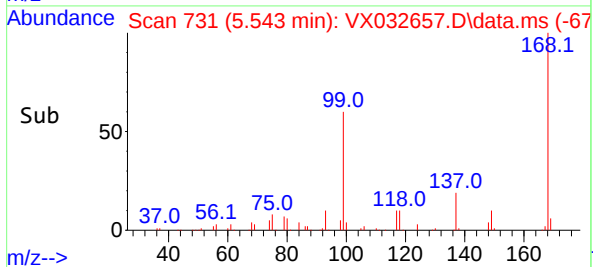
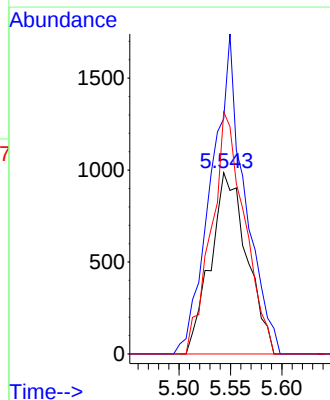
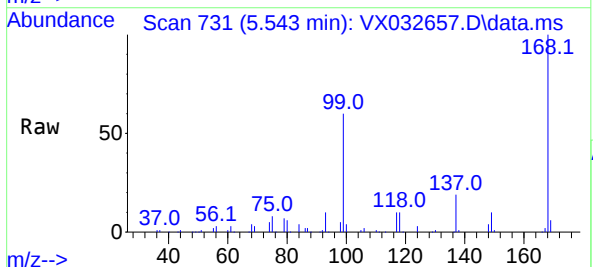
RT: 5.543 min Scan# 731

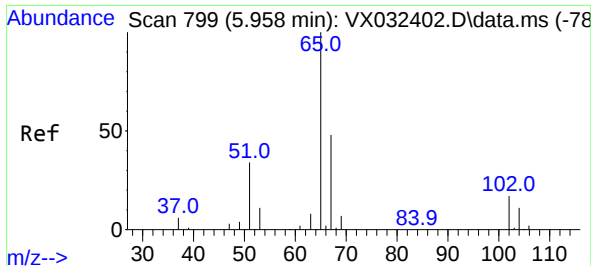
Delta R.T. 0.073 min

Lab File: VX032657.D

Acq: 08 Nov 2022 16:26

Tgt Ion:	56	Resp:	2424
Ion	Ratio	Lower	Upper
56	100		
69	129.7	24.1	36.1#
84	133.5	66.9	100.3#





#33

1,2-Dichloroethane-d4

Concen: 48.606 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032657.D

Acq: 08 Nov 2022 16:26

Instrument :

MSVOA_X

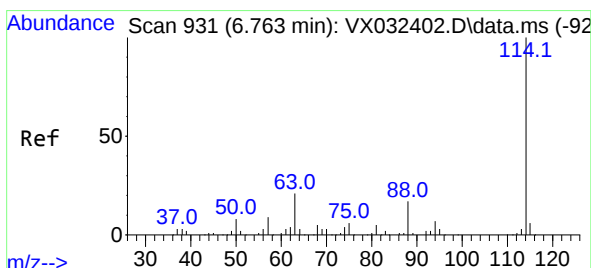
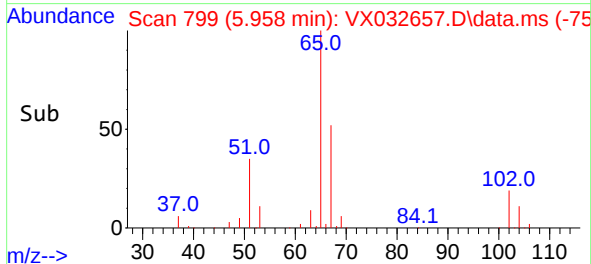
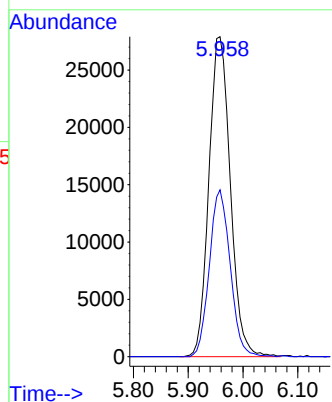
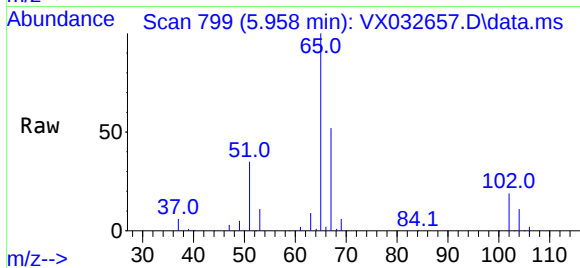
ClientSampleId :

Tgt Ion: 65 Resp: 75769

Ion Ratio Lower Upper

65 100

67 50.6 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: VX032657.D

Acq: 08 Nov 2022 16:26

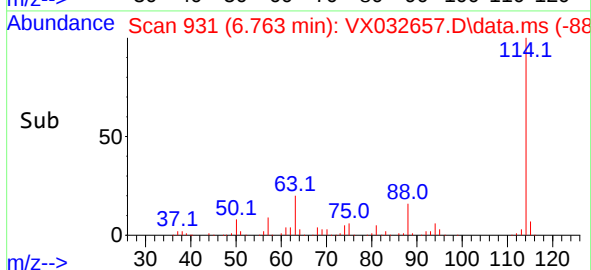
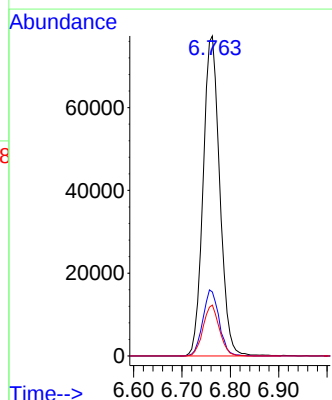
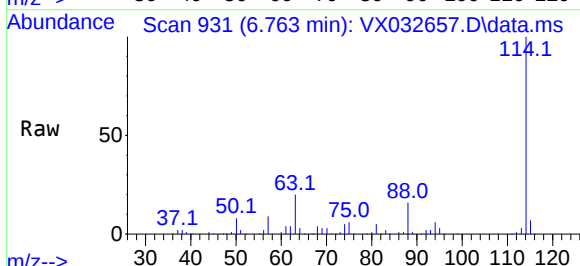
Tgt Ion: 114 Resp: 184419

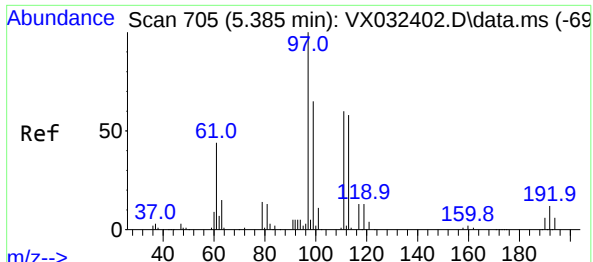
Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.6

88 15.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 42.247 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX032657.D

Acq: 08 Nov 2022 16:26

Instrument :

MSVOA_X

ClientSampleId :

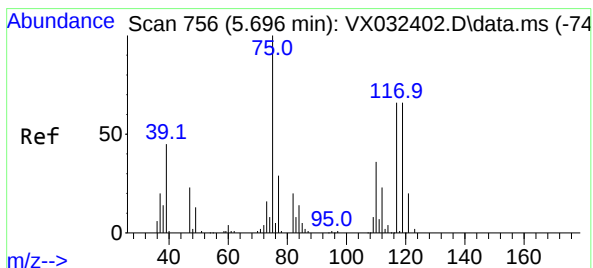
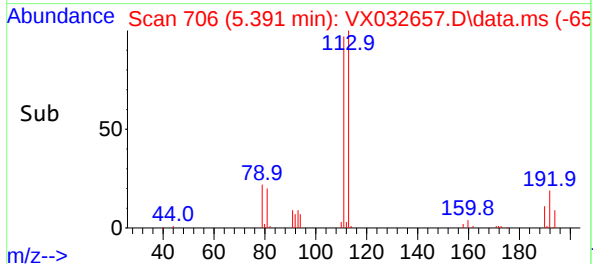
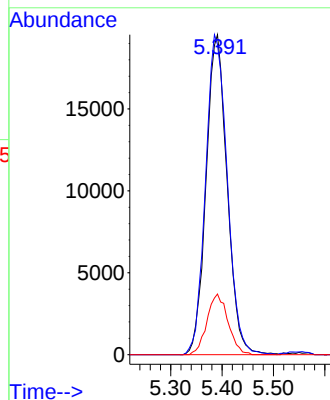
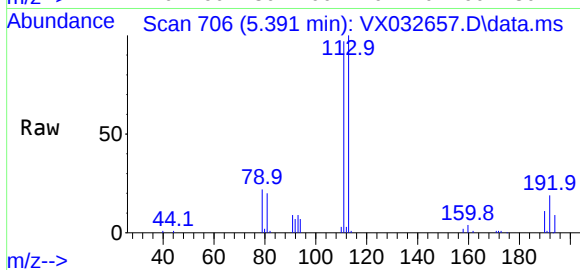
Tgt Ion:113 Resp: 55575

Ion Ratio Lower Upper

113 100

111 103.2 82.4 123.6

192 19.0 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.677 ug/l

RT: 5.543 min Scan# 731

Delta R.T. -0.153 min

Lab File: VX032657.D

Acq: 08 Nov 2022 16:26

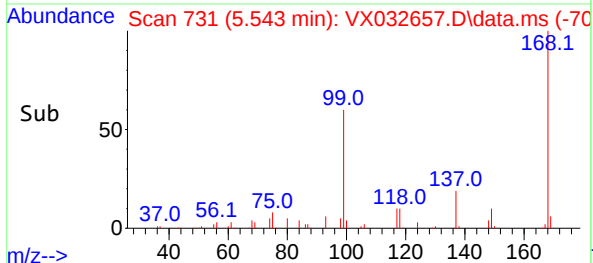
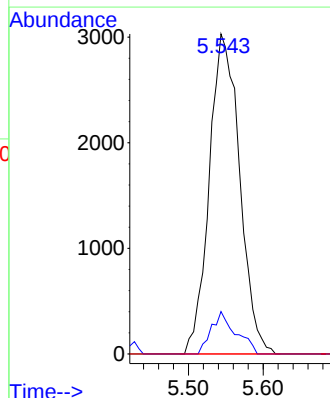
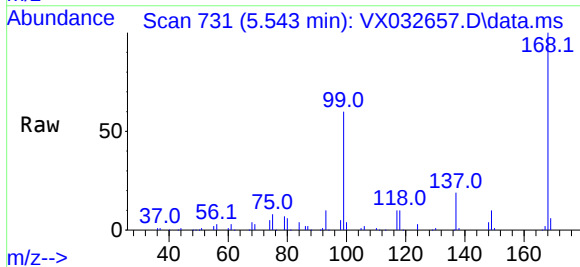
Tgt Ion: 75 Resp: 8567

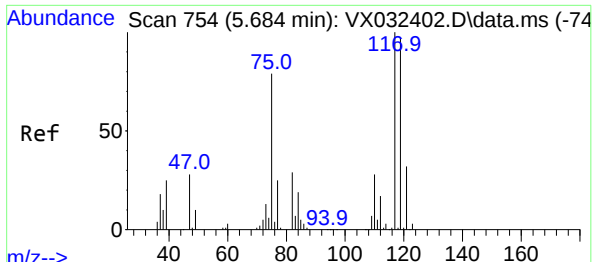
Ion Ratio Lower Upper

75 100

110 10.7 18.4 55.2#

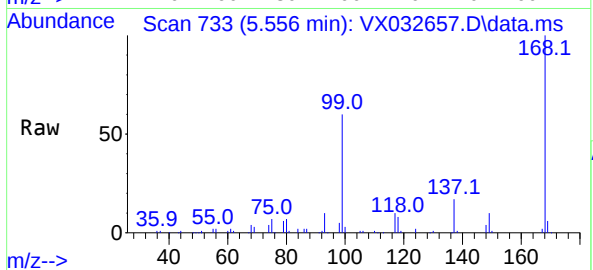
77 0.0 24.5 36.7#



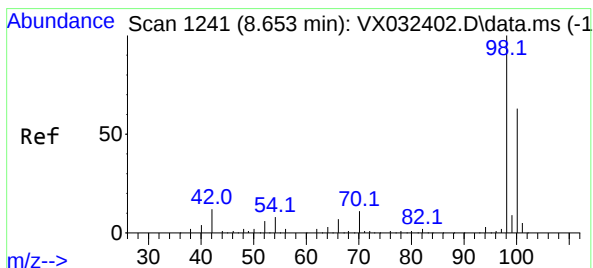
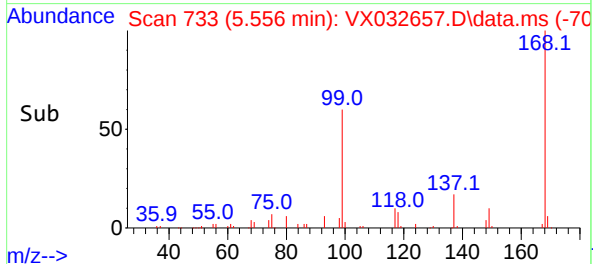
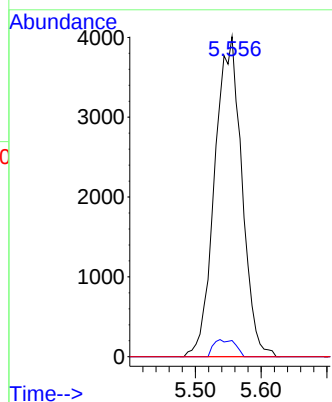


#38
Carbon Tetrachloride
Concen: 5.664 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX032657.D
Acq: 08 Nov 2022 16:26

Instrument :
MSVOA_X
ClientSampleId :

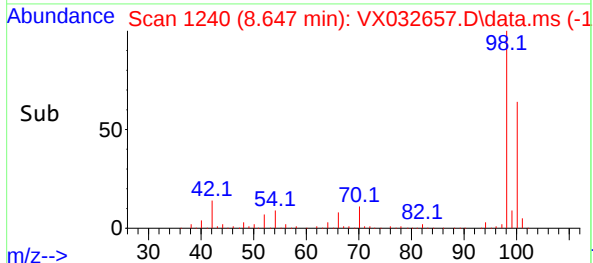
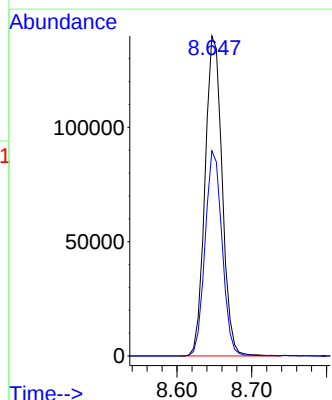
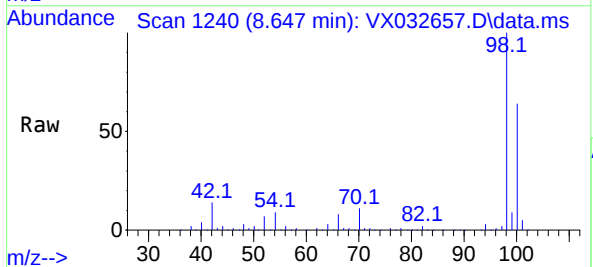


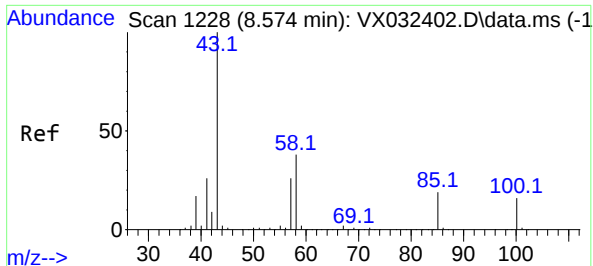
Tgt Ion:117 Resp: 11509
Ion Ratio Lower Upper
117 100
119 5.1 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.638 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032657.D
Acq: 08 Nov 2022 16:26

Tgt Ion: 98 Resp: 222480
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.561 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX032657.D

Acq: 08 Nov 2022 16:26

Instrument :

MSVOA_X

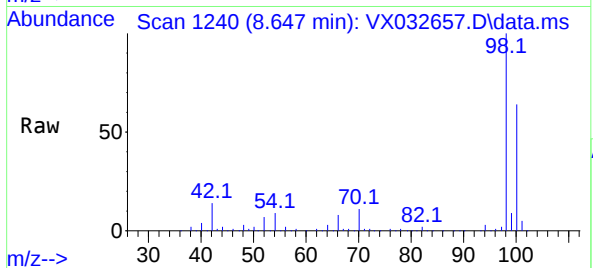
ClientSampleId :

Tgt Ion: 43 Resp: 1034

Ion Ratio Lower Upper

43 100

58 185.4 30.9 46.3#



Abundance

1000

800

600

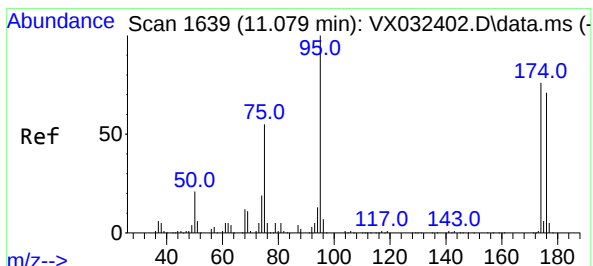
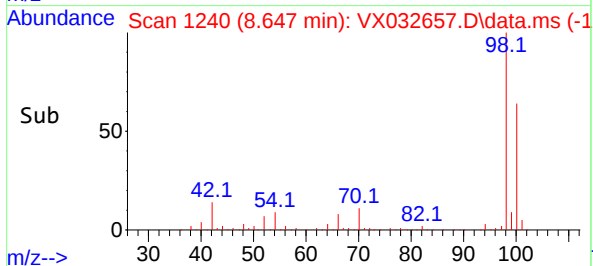
400

200

0

8.647

Time-->



#62

4-Bromofluorobenzene

Concen: 43.661 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX032657.D

Acq: 08 Nov 2022 16:26

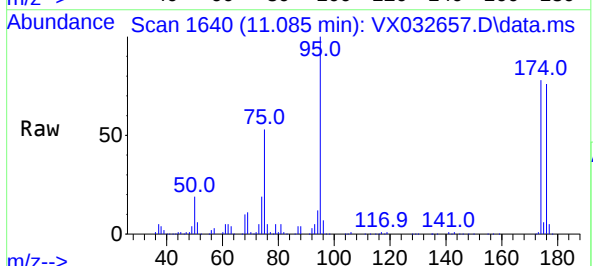
Tgt Ion: 95 Resp: 78013

Ion Ratio Lower Upper

95 100

174 80.9 0.0 164.0

176 78.4 0.0 154.4



Abundance

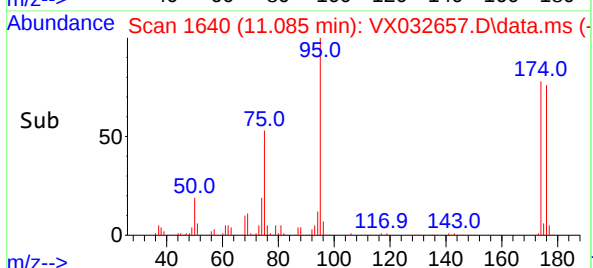
40000

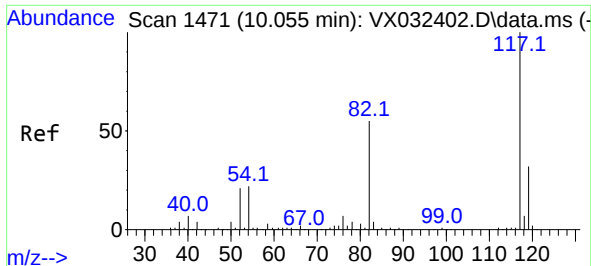
20000

0

11.085

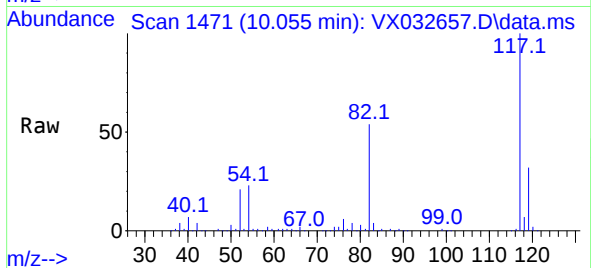
Time-->



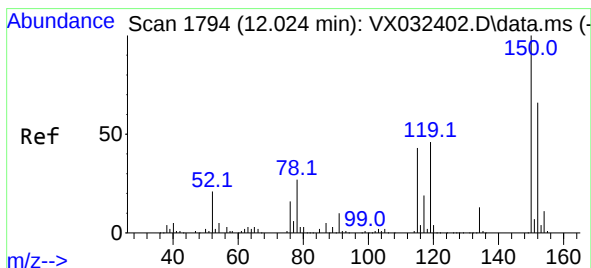
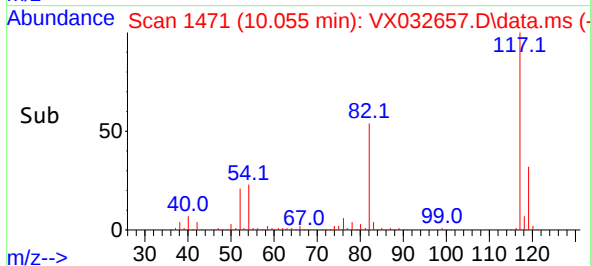
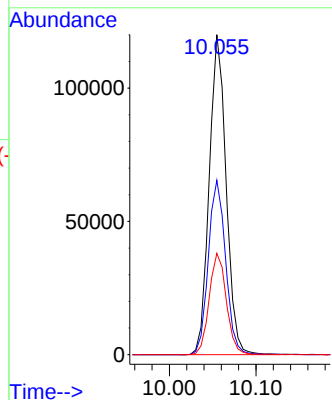


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032657.D
Acq: 08 Nov 2022 16:26

Instrument :
MSVOA_X
ClientSampleId :

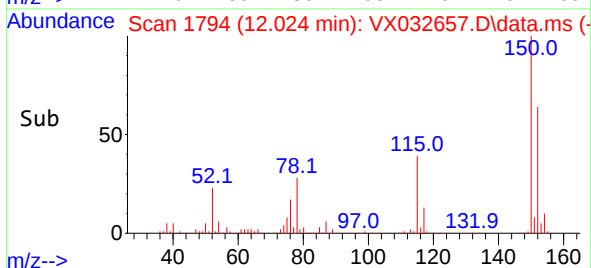
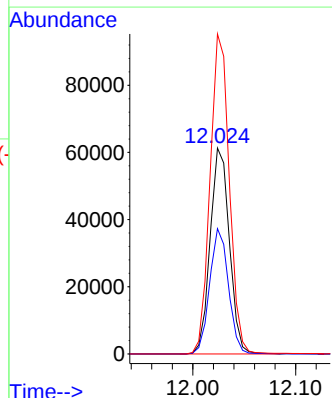
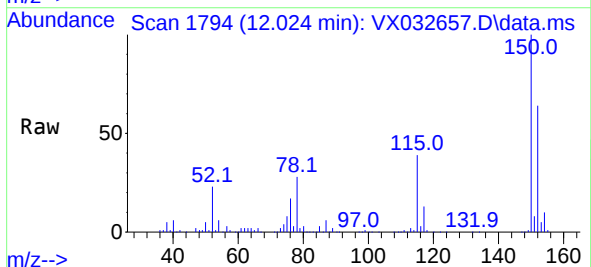


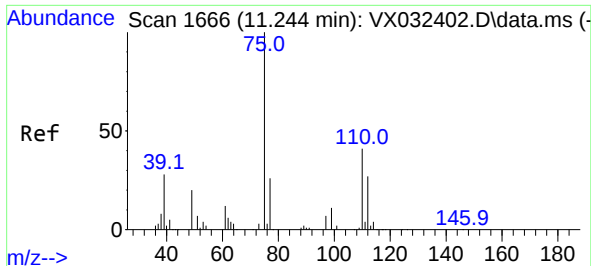
Tgt Ion:117 Resp: 162923
Ion Ratio Lower Upper
117 100
82 54.5 44.3 66.5
119 31.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032657.D
Acq: 08 Nov 2022 16:26

Tgt Ion:152 Resp: 79591
Ion Ratio Lower Upper
152 100
115 59.6 44.0 132.0
150 155.6 0.0 351.8

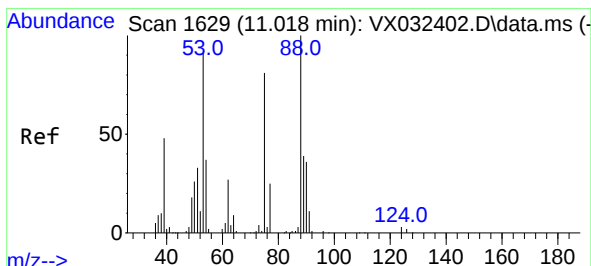
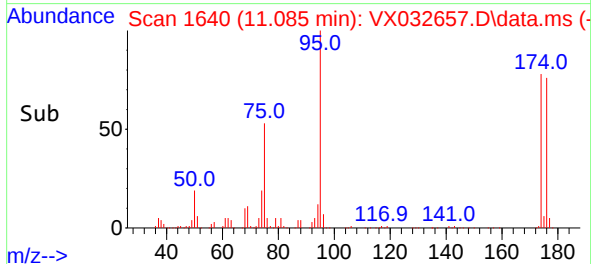
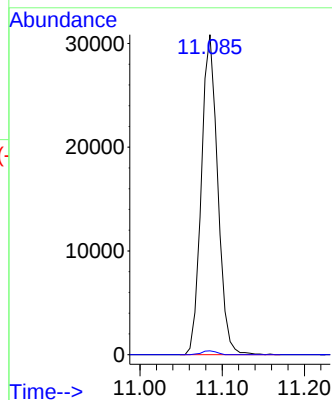
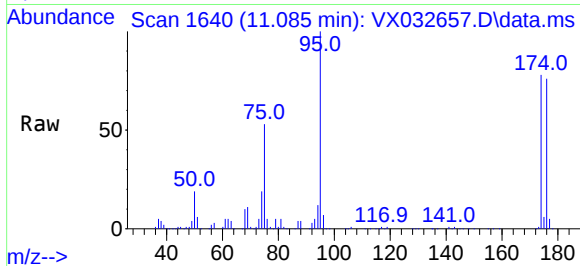




#76
1,2,3-Trichloropropane
Concen: 24.073 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX032657.D
Acq: 08 Nov 2022 16:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 42627
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.602 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX032657.D
Acq: 08 Nov 2022 16:26

Tgt Ion: 75 Resp: 42627
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

