

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110822\
 Data File : VX032652.D
 Acq On : 08 Nov 2022 14:30
 Operator : JC/MD
 Sample : N5514-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 09 04:38:58 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)

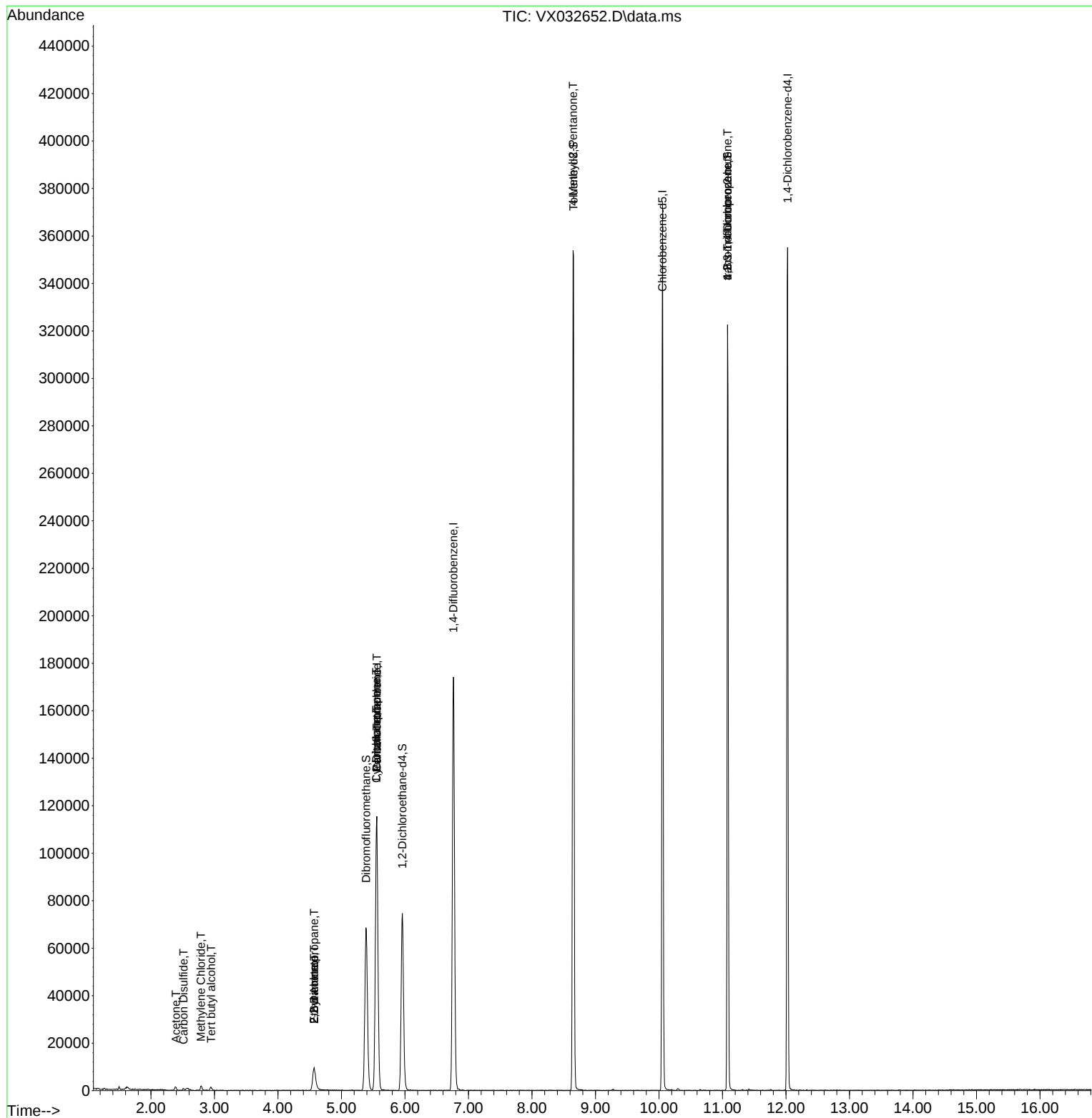
Internal Standards							
1) Pentafluorobenzene		5.556	168	106154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		6.763	114	176556	50.000	ug/l	0.00
63) Chlorobenzene-d5		10.055	117	157715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		12.024	152	72220	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		5.958	65	75053	50.884	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.760%	
35) Dibromofluoromethane		5.385	113	58629	46.553	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.100%	
50) Toluene-d8		8.653	98	213872	48.838	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.680%	
62) 4-Bromofluorobenzene		11.079	95	81289	47.520	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.040%	
Target Compounds							
						Qvalue	
11) Tert butyl alcohol		2.947	59	940	4.379	ug/l #	72
16) Acetone		2.392	43	1901	3.546	ug/l	99
17) Carbon Disulfide		2.514	76	951	0.375	ug/l #	88
20) Methylene Chloride		2.788	84	973	0.792	ug/l #	75
25) 2-Butanone		4.568	43	761	0.916	ug/l #	47
26) 2,2-Dichloropropane		4.568	77	731	0.436	ug/l #	53
31) Cyclohexane		5.550	56	2487	1.391	ug/l #	38
36) 1,1-Dichloropropene		5.550	75	8495	4.844	ug/l #	49
37) Ethyl Acetate		4.568	43	761	0.417	ug/l #	12
38) Carbon Tetrachloride		5.556	117	10947	5.628	ug/l #	17
51) 4-Methyl-2-Pentanone		8.647	43	990	0.561	ug/l #	1
76) 1,2,3-Trichloropropane		11.079	75	44425	27.650	ug/l #	37
81) trans-1,4-Dichloro-2-b...		11.079	75	44425	87.981	ug/l #	6

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

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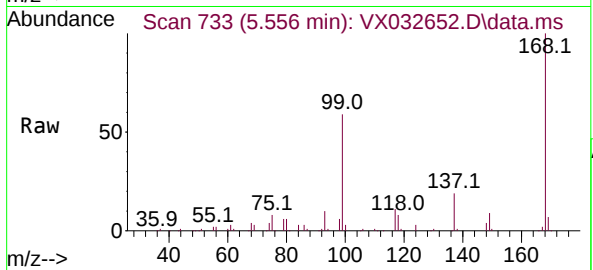
Quant Time: Nov 09 04:38:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
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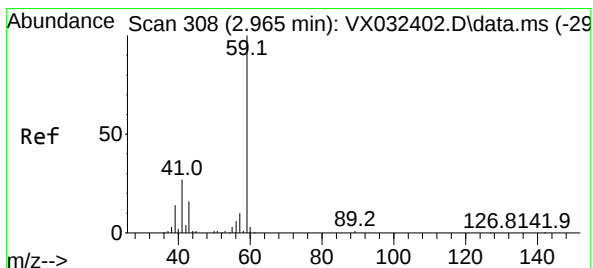
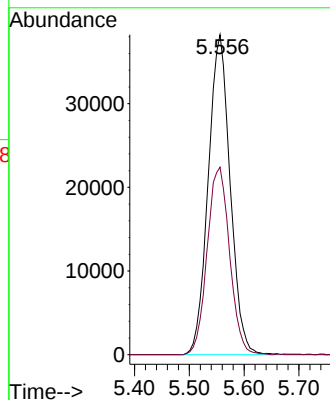
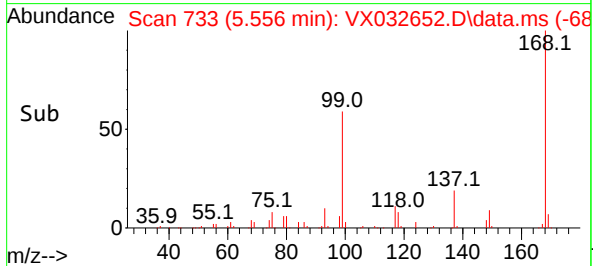


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX032652.D
Acq: 08 Nov 2022 14:30

Instrument :
MSVOA_X
ClientSampleId :

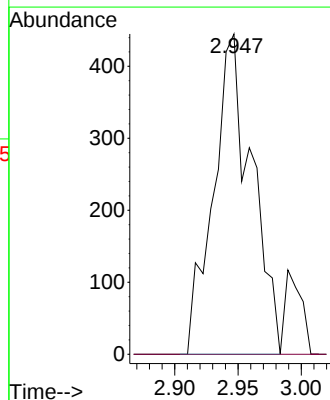
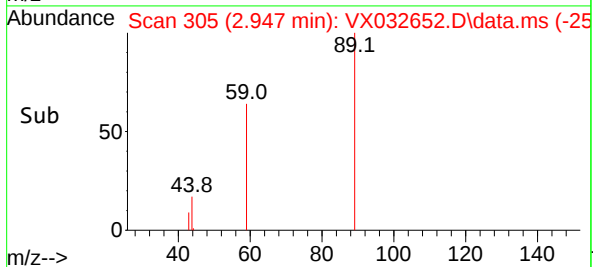
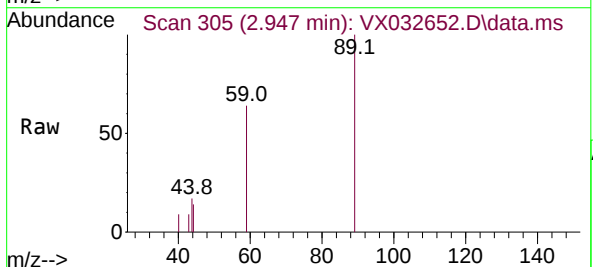


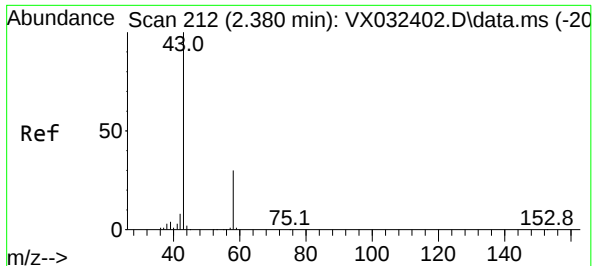
Tgt Ion:168 Resp: 106154
Ion Ratio Lower Upper
168 100
99 58.6 46.1 69.1



#11
Tert butyl alcohol
Concen: 4.379 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX032652.D
Acq: 08 Nov 2022 14:30

Tgt Ion: 59 Resp: 940
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

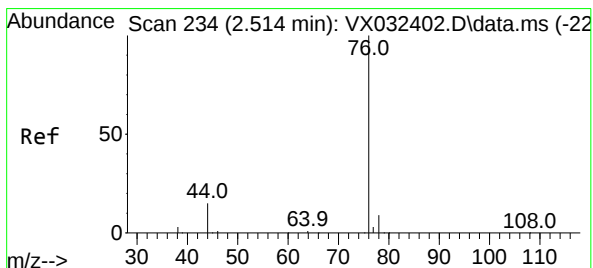
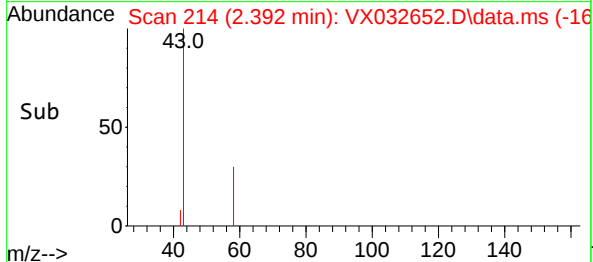
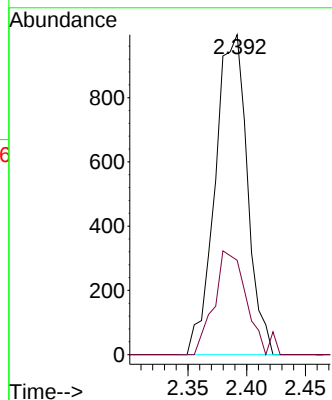
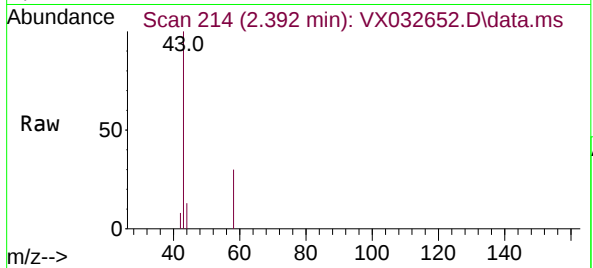




#16
Acetone
Concen: 3.546 ug/l
RT: 2.392 min Scan# 212
Delta R.T. 0.012 min
Lab File: VX032652.D
Acq: 08 Nov 2022 14:30

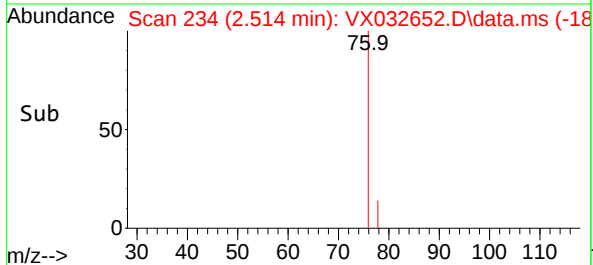
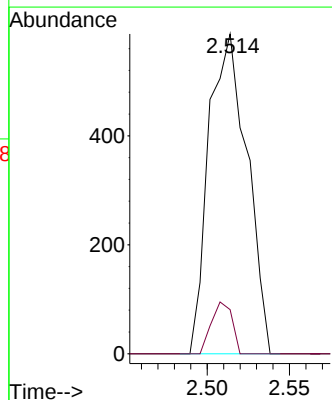
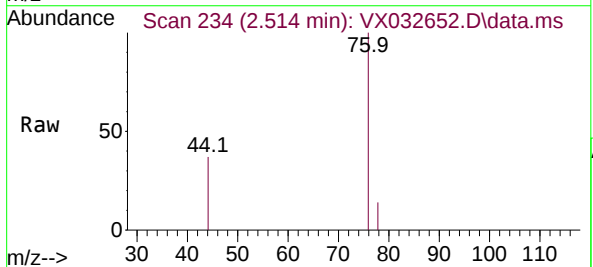
Instrument :
MSVOA_X
ClientSampleId :

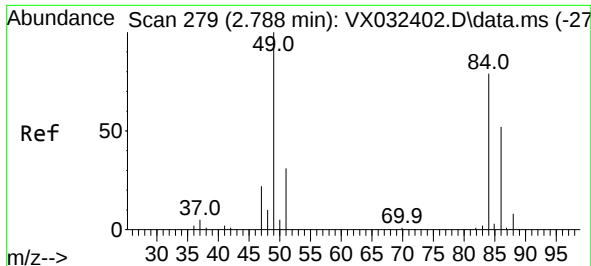
Tgt Ion: 43 Resp: 1901
Ion Ratio Lower Upper
43 100
58 29.5 23.8 35.8



#17
Carbon Disulfide
Concen: 0.375 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX032652.D
Acq: 08 Nov 2022 14:30

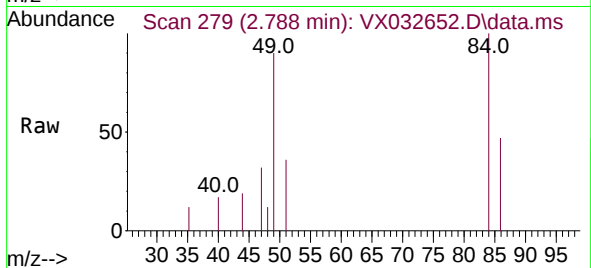
Tgt Ion: 76 Resp: 951
Ion Ratio Lower Upper
76 100
78 13.8 7.5 11.3#



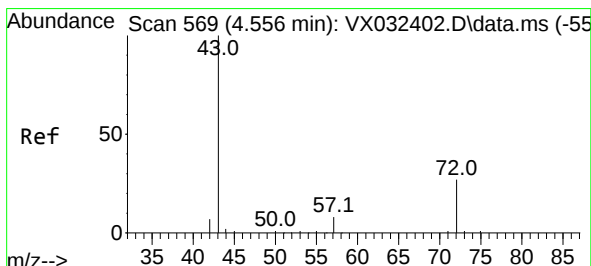
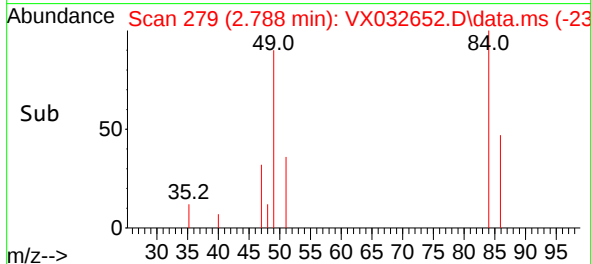
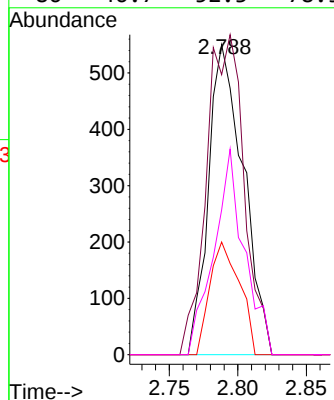


#20
Methylene Chloride
Concen: 0.792 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX032652.D
Acq: 08 Nov 2022 14:30

Instrument :
MSVOA_X
ClientSampleId :

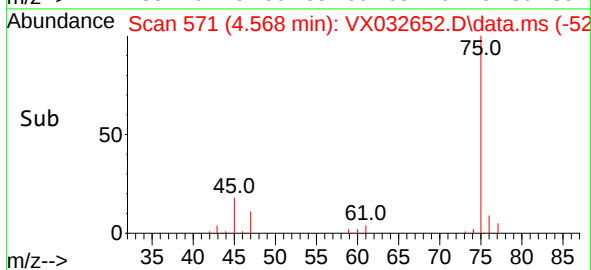
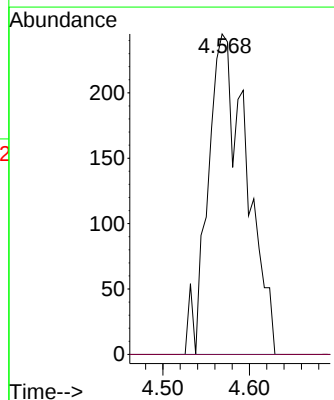
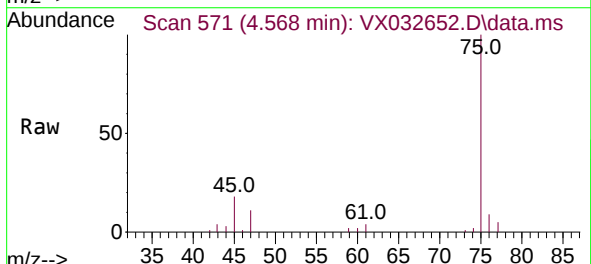


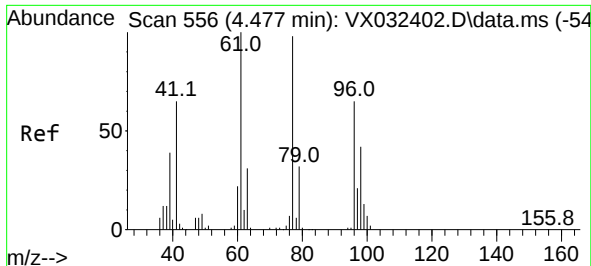
Tgt Ion:	84	Resp:	973
Ion	Ratio	Lower	Upper
84	100		
49	90.4	101.0	151.6#
51	36.4	31.1	46.7
86	46.7	52.3	78.5#



#25
2-Butanone
Concen: 0.916 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX032652.D
Acq: 08 Nov 2022 14:30

Tgt Ion:	43	Resp:	761
Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.2	33.2#





#26

2,2-Dichloropropane

Concen: 0.436 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.092 min

Lab File: VX032652.D

Acq: 08 Nov 2022 14:30

Instrument :

MSVOA_X

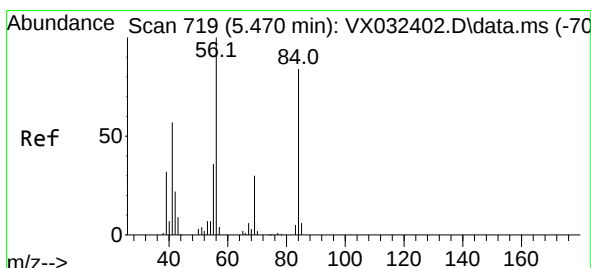
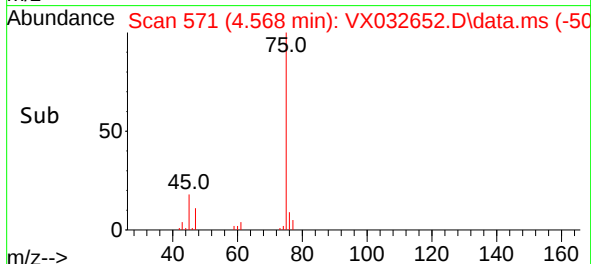
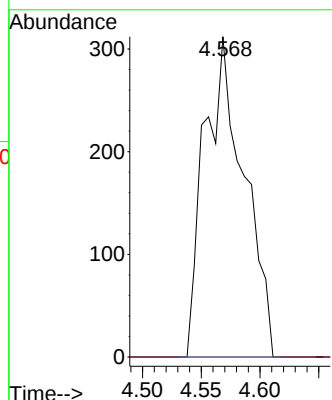
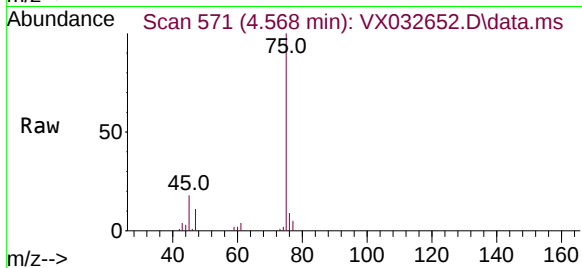
ClientSampleId :

Tgt Ion: 77 Resp: 731

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.1#



#31

Cyclohexane

Concen: 1.391 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX032652.D

Acq: 08 Nov 2022 14:30

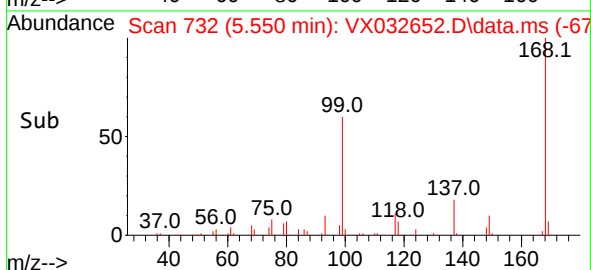
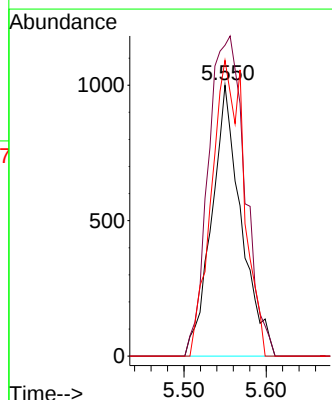
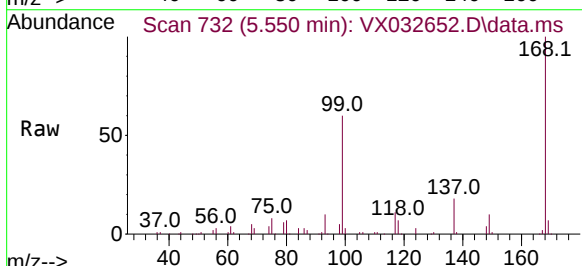
Tgt Ion: 56 Resp: 2487

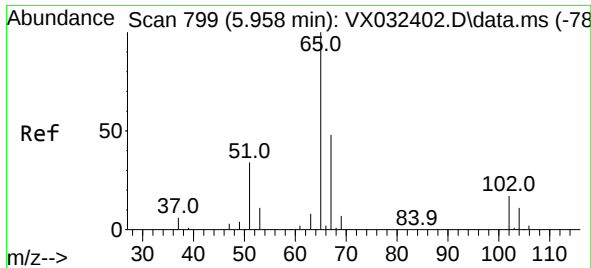
Ion Ratio Lower Upper

56 100

69 114.8 24.1 36.1#

84 109.2 66.9 100.3#

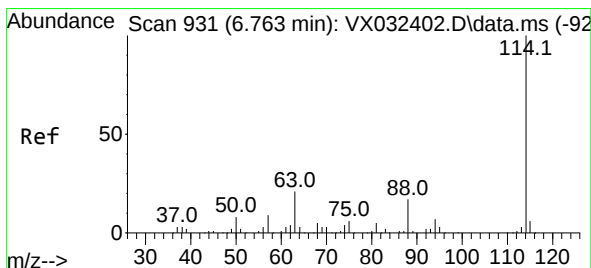
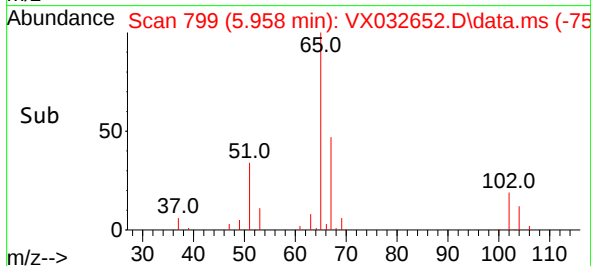
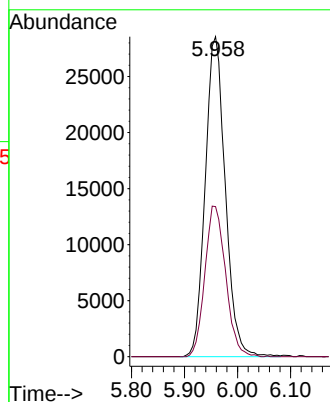
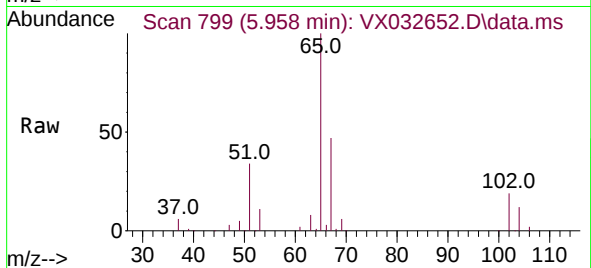




#33
 1,2-Dichloroethane-d4
 Concen: 50.884 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX032652.D
 Acq: 08 Nov 2022 14:30

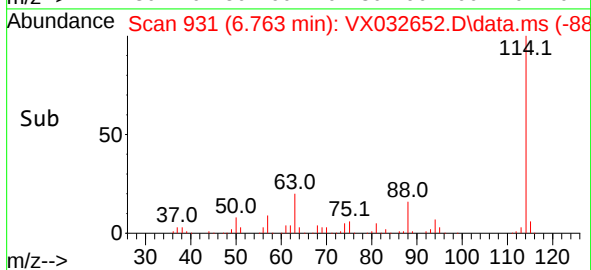
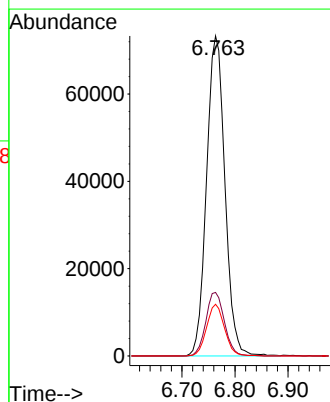
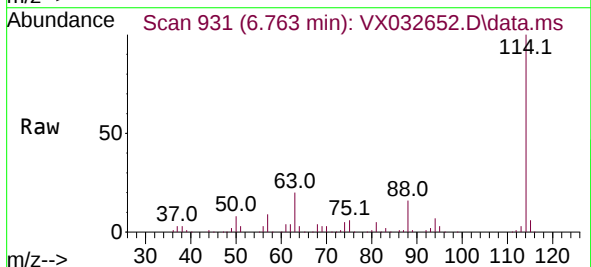
Instrument :
 MSVOA_X
 ClientSampleId :

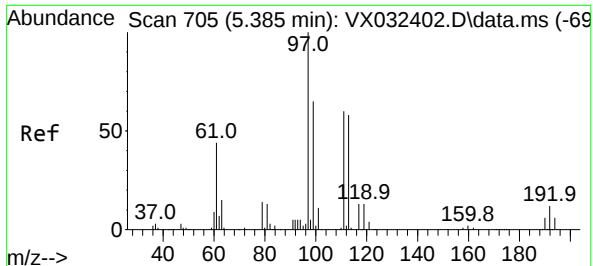
Tgt Ion: 65 Resp: 75053
 Ion Ratio Lower Upper
 65 100
 67 48.7 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX032652.D
 Acq: 08 Nov 2022 14:30

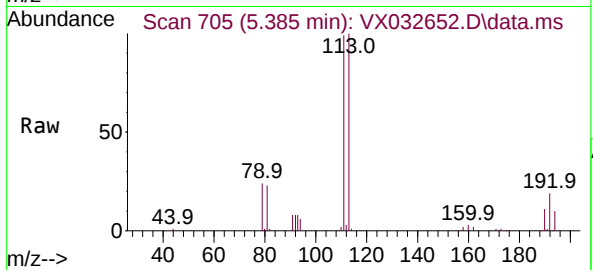
Tgt Ion: 114 Resp: 176556
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 41.6
 88 16.1 0.0 33.4



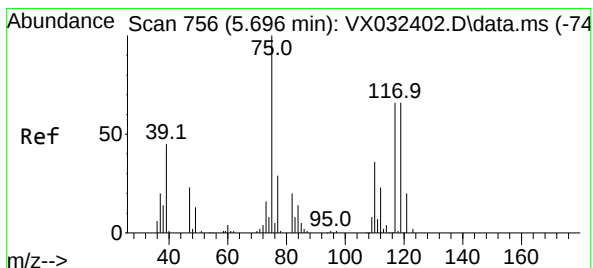
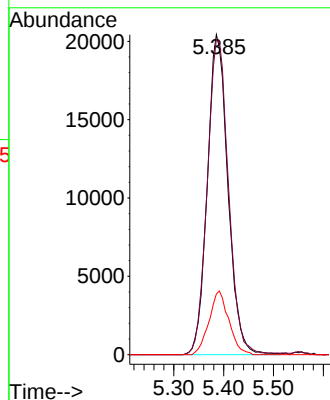
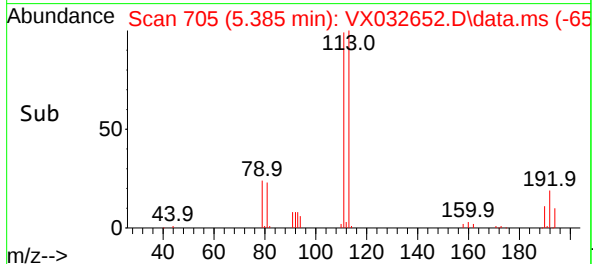


#35
Dibromofluoromethane
Concen: 46.553 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032652.D
Acq: 08 Nov 2022 14:30

Instrument :
MSVOA_X
ClientSampleId :

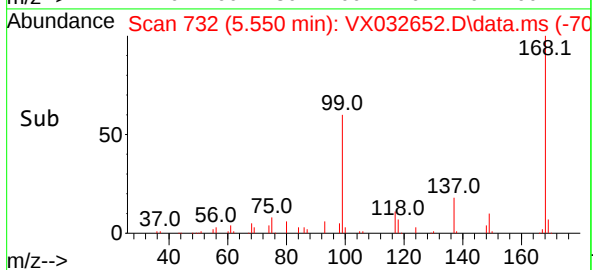
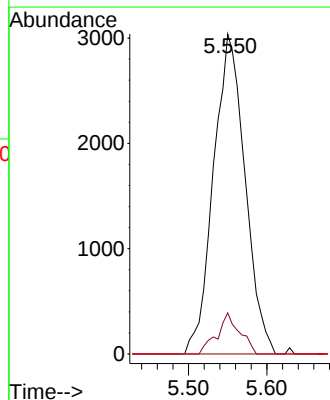
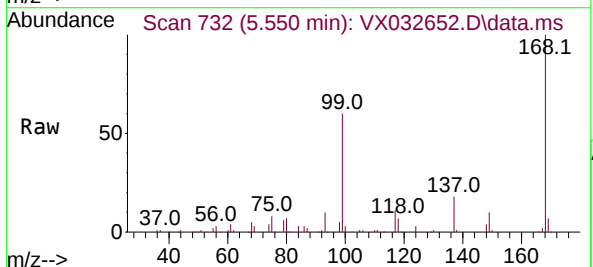


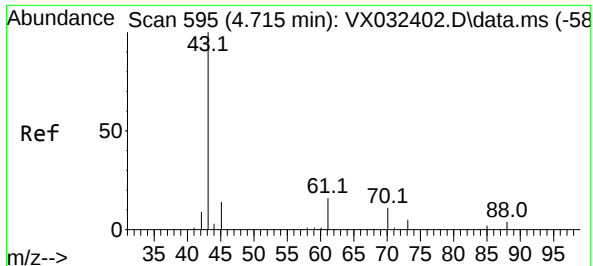
Tgt Ion:113 Resp: 58629
Ion Ratio Lower Upper
113 100
111 101.5 82.4 123.6
192 19.2 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.844 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032652.D
Acq: 08 Nov 2022 14:30

Tgt Ion: 75 Resp: 8495
Ion Ratio Lower Upper
75 100
110 9.2 18.4 55.2#
77 0.0 24.5 36.7#





#37

Ethyl Acetate

Concen: 0.417 ug/l

RT: 4.568 min Scan# 51

Delta R.T. -0.146 min

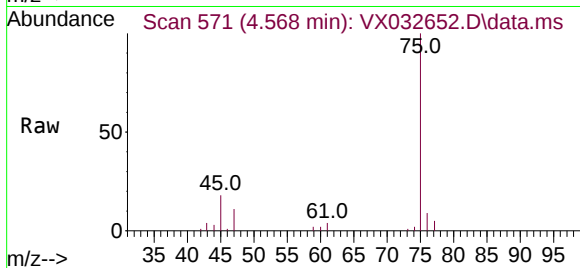
Lab File: VX032652.D

Acq: 08 Nov 2022 14:30

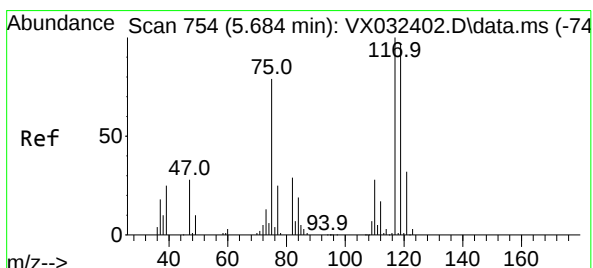
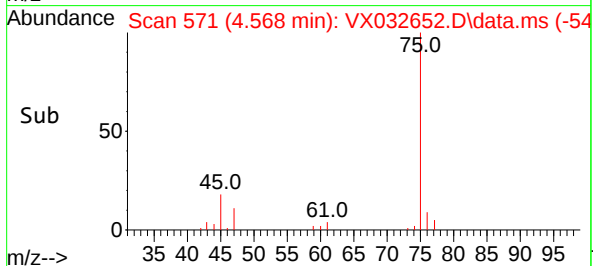
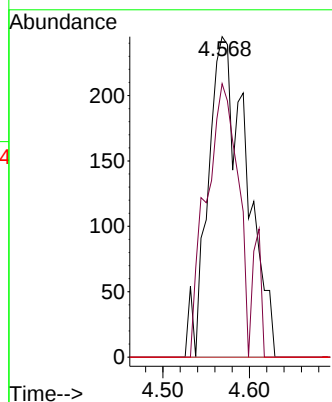
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	43	Resp:	761
Ion	Ratio	Lower	Upper
43	100		
61	69.5	11.5	17.3#
70	0.0	9.1	13.7#



#38

Carbon Tetrachloride

Concen: 5.628 ug/l

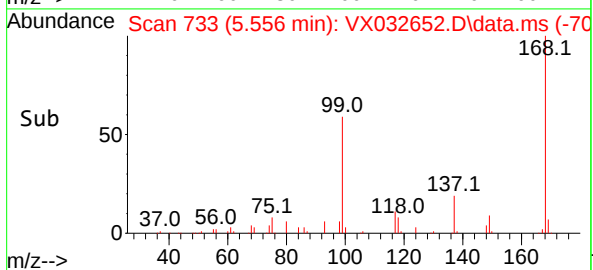
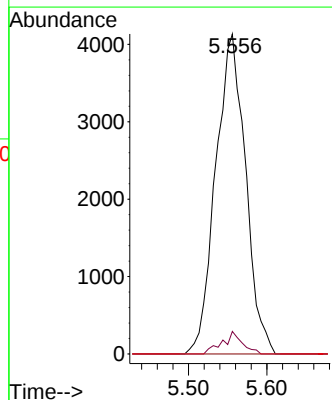
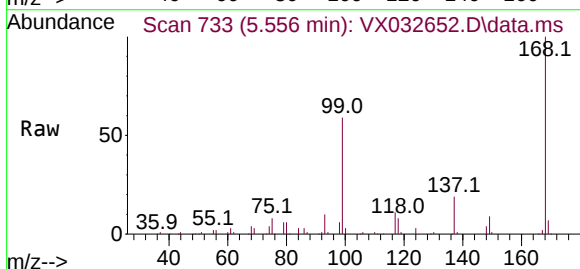
RT: 5.556 min Scan# 733

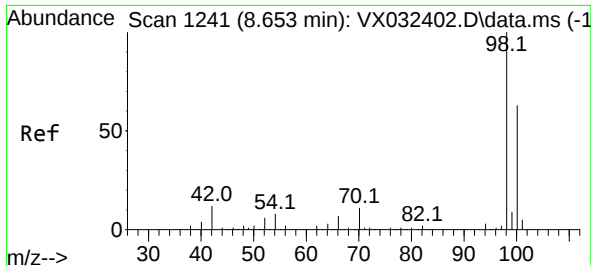
Delta R.T. -0.128 min

Lab File: VX032652.D

Acq: 08 Nov 2022 14:30

Tgt Ion:	117	Resp:	10947
Ion	Ratio	Lower	Upper
117	100		
119	7.0	77.2	115.8#
121	0.0	25.8	38.6#

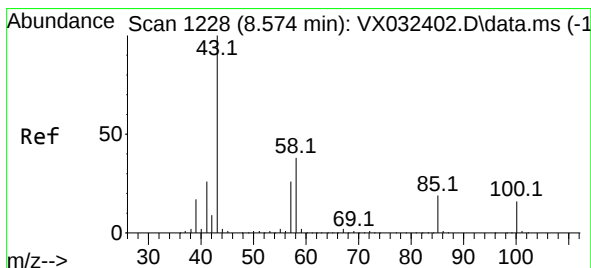
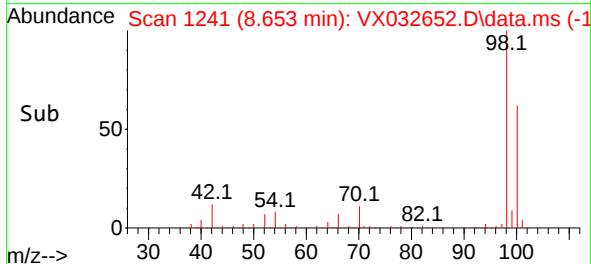
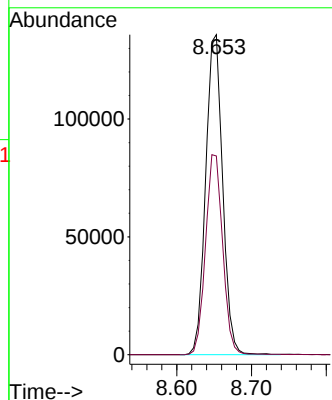
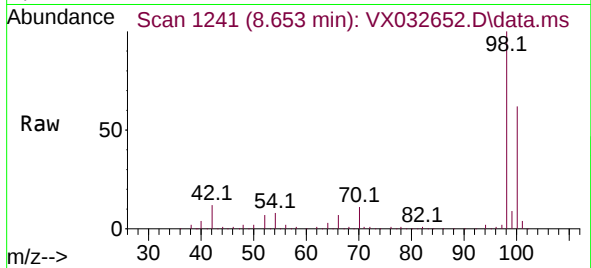




#50
Toluene-d8
Concen: 48.838 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032652.D
Acq: 08 Nov 2022 14:30

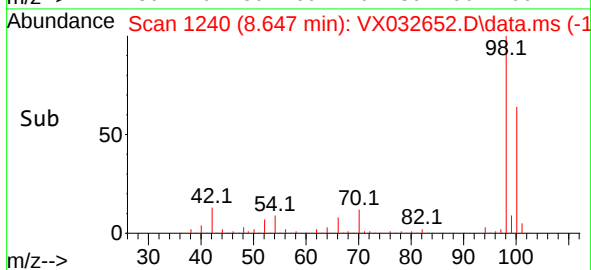
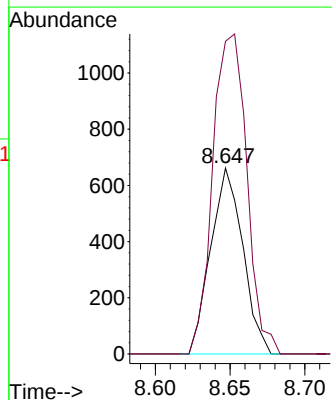
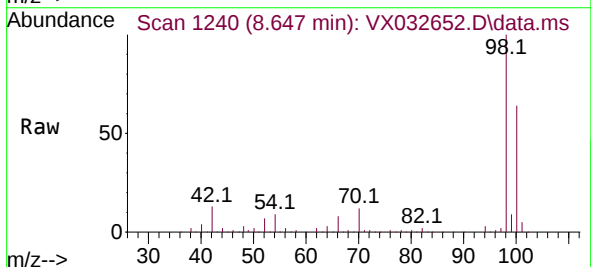
Instrument :
MSVOA_X
ClientSampleId :

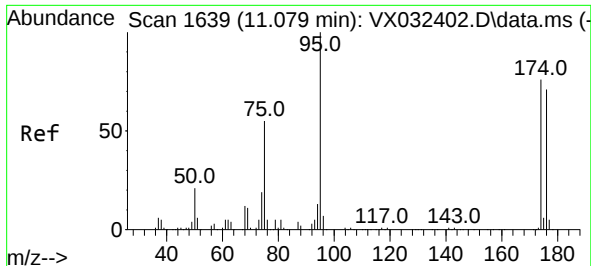
Tgt Ion: 98 Resp: 213872
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.561 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032652.D
Acq: 08 Nov 2022 14:30

Tgt Ion: 43 Resp: 990
Ion Ratio Lower Upper
43 100
58 182.4 30.9 46.3#





#62

4-Bromofluorobenzene

Concen: 47.520 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032652.D

Acq: 08 Nov 2022 14:30

Instrument :

MSVOA_X

ClientSampleId :

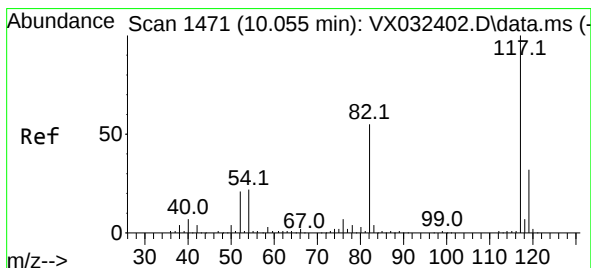
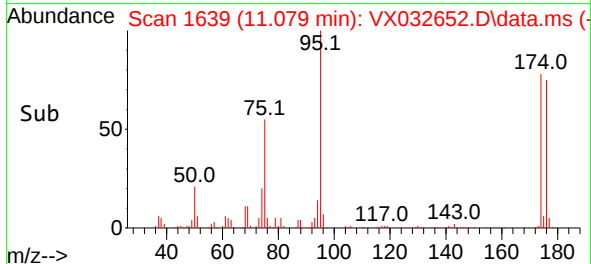
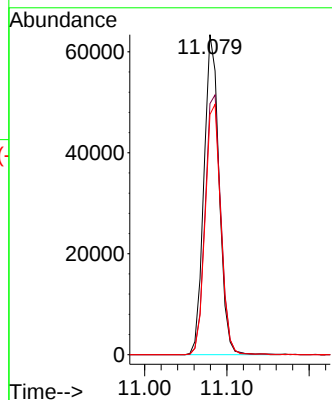
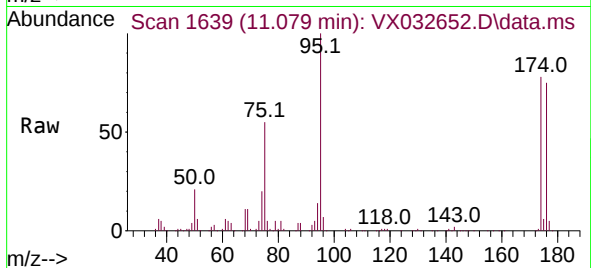
Tgt Ion: 95 Resp: 81289

Ion Ratio Lower Upper

95 100

174 84.0 0.0 164.0

176 80.9 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: VX032652.D

Acq: 08 Nov 2022 14:30

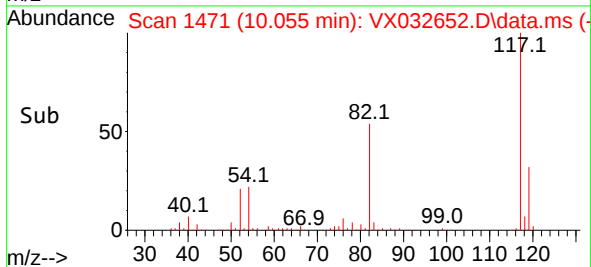
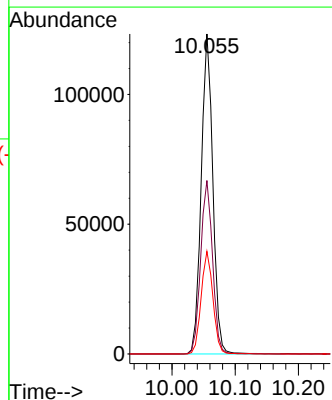
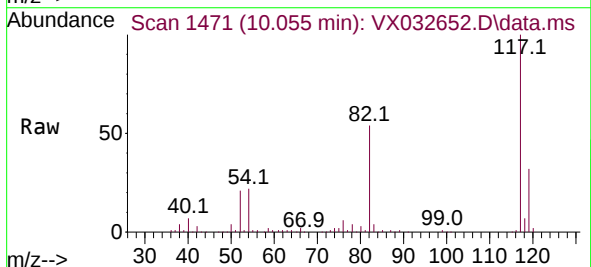
Tgt Ion: 117 Resp: 157715

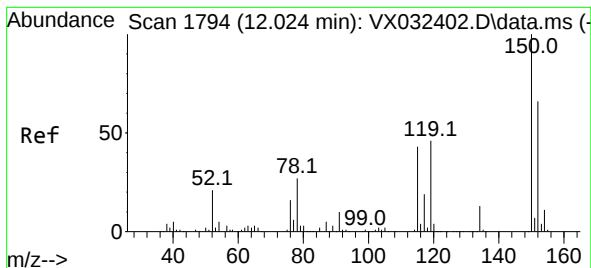
Ion Ratio Lower Upper

117 100

82 54.2 44.3 66.5

119 32.0 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032652.D

Acq: 08 Nov 2022 14:30

Instrument :

MSVOA_X

ClientSampleId :

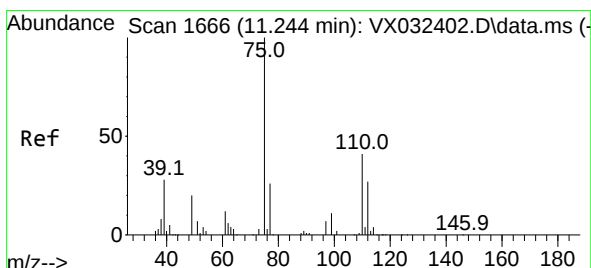
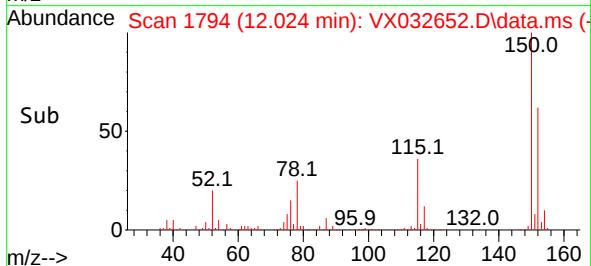
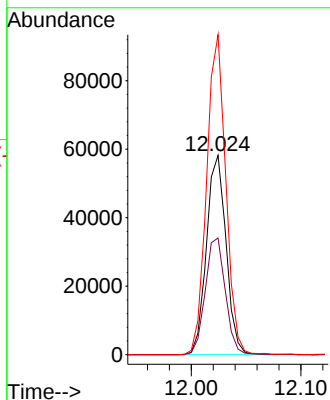
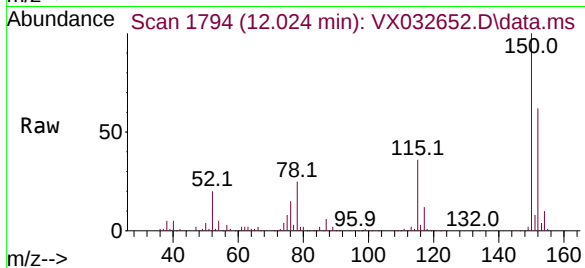
Tgt Ion:152 Resp: 72220

Ion Ratio Lower Upper

152 100

115 60.1 44.0 132.0

150 157.2 0.0 351.8



#76

1,2,3-Trichloropropane

Concen: 27.650 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.164 min

Lab File: VX032652.D

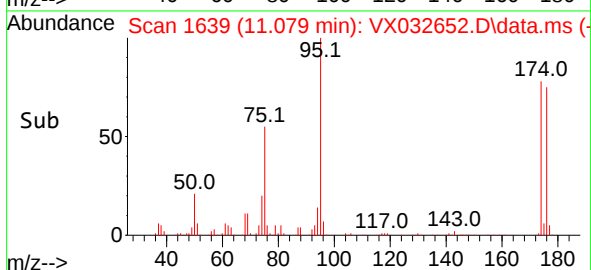
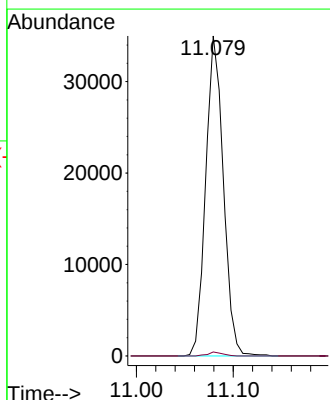
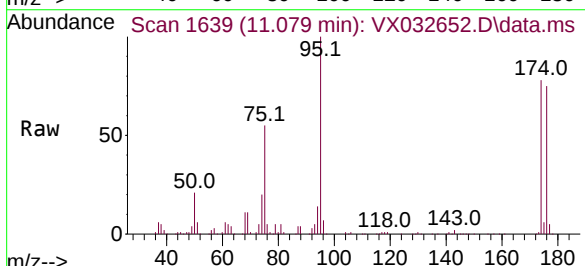
Acq: 08 Nov 2022 14:30

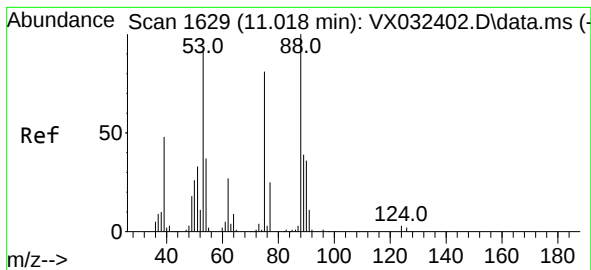
Tgt Ion: 75 Resp: 44425

Ion Ratio Lower Upper

75 100

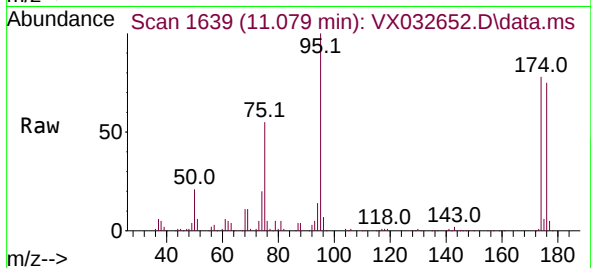
77 1.0 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.981 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX032652.D
 Acq: 08 Nov 2022 14:30

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 44425
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

