

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021724\
 Data File : VX040299.D
 Acq On : 17 Feb 2024 14:01
 Operator : JC/MD
 Sample : P1507-18DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 19 03:56:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

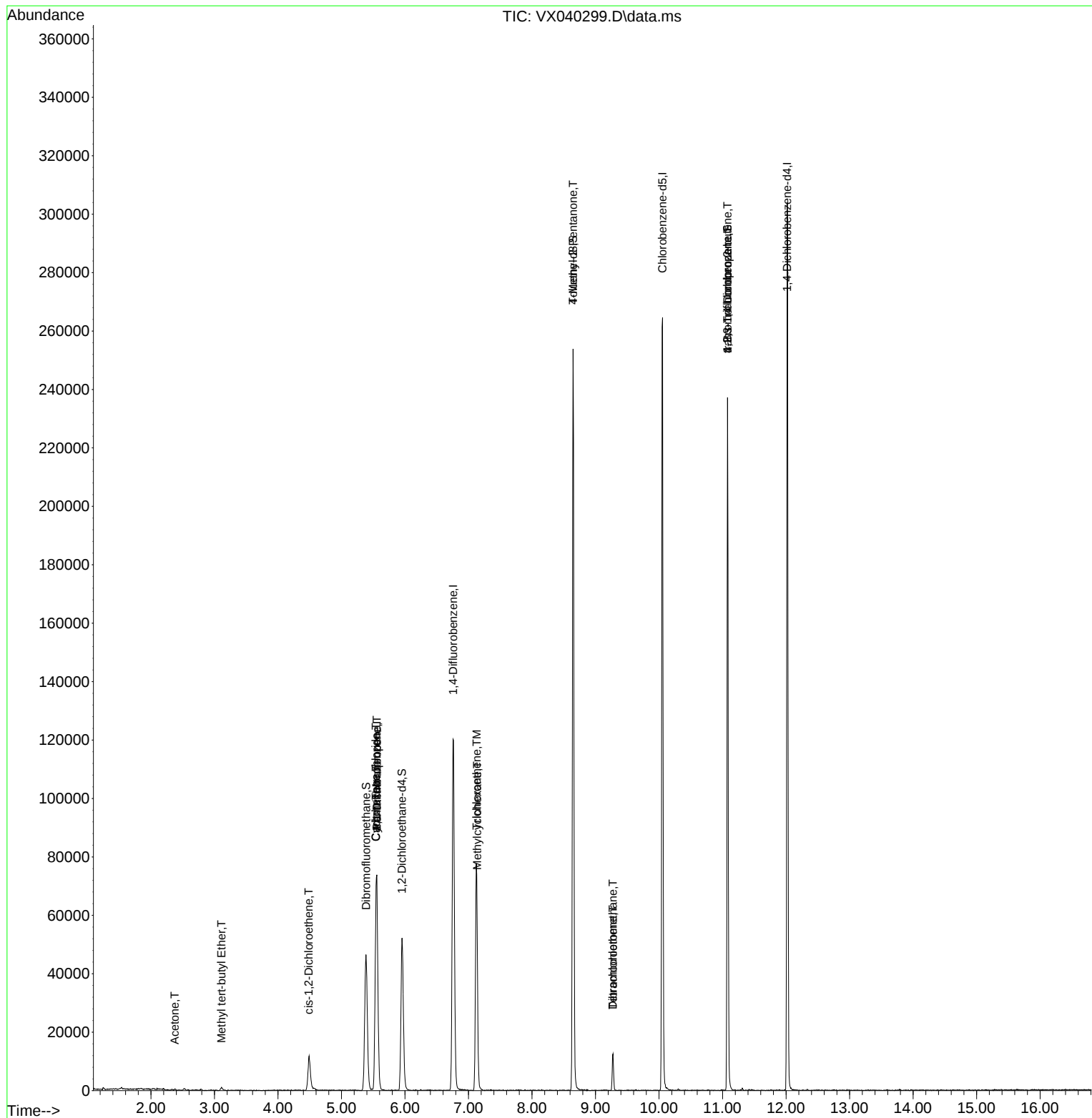
Internal Standards						
1) Pentafluorobenzene	5.556	168	71992	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	123596	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	62614	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	49589	46.300	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.600%
35) Dibromofluoromethane	5.385	113	40271	46.657	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.320%
50) Toluene-d8	8.647	98	150926	46.745	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.500%
62) 4-Bromofluorobenzene	11.079	95	60026	45.585	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.180%
Target Compounds						
						Qvalue
16) Acetone	2.374	43	399	0.907	ug/l	# 47
19) Methyl tert-butyl Ether	3.111	73	1213	0.468	ug/l	# 77
20) Methylene Chloride	2.788	84	164	Below Cal	#	63
27) cis-1,2-Dichloroethene	4.483	96	7363	7.710	ug/l	82
31) Cyclohexane	5.544	56	1553	1.216	ug/l	# 29
36) 1,1-Dichloropropene	5.556	75	5667	4.687	ug/l	# 50
38) Carbon Tetrachloride	5.544	117	7346	6.390	ug/l	# 13
39) Methylcyclohexane	7.135	83	312	0.222	ug/l	# 1
44) Trichloroethene	7.129	130	29591	31.727	ug/l	95
51) 4-Methyl-2-Pentanone	8.647	43	733	0.511	ug/l	# 1
60) Dibromochloromethane	9.275	129	2115	2.198	ug/l	# 11
64) Tetrachloroethene	9.275	164	2268	2.667	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	30994	24.444	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	30994	67.318	ug/l	# 5

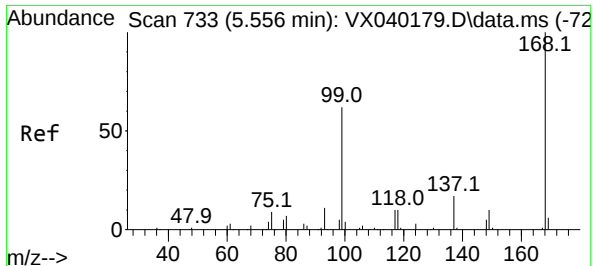
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration

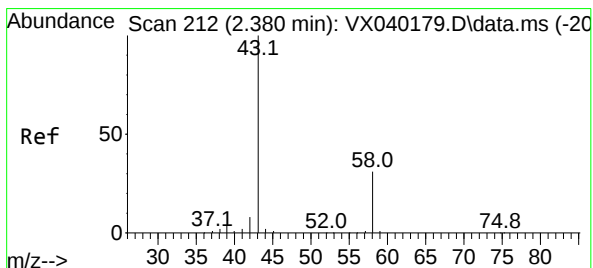
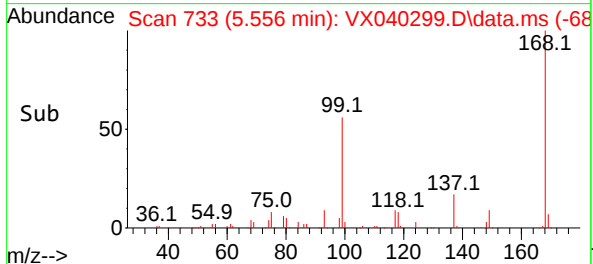
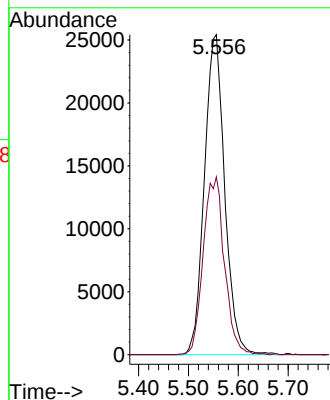
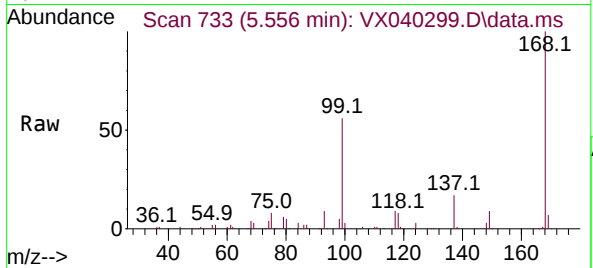




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040299.D
Acq: 17 Feb 2024 14:01

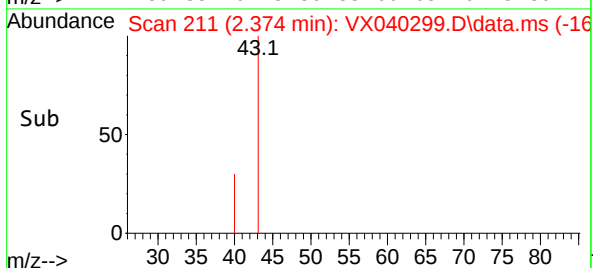
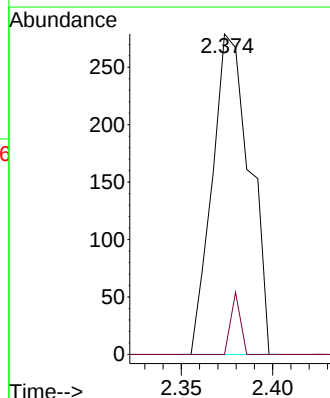
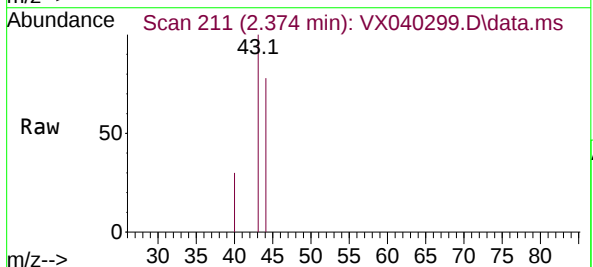
Instrument :
MSVOA_X
ClientSampleId :

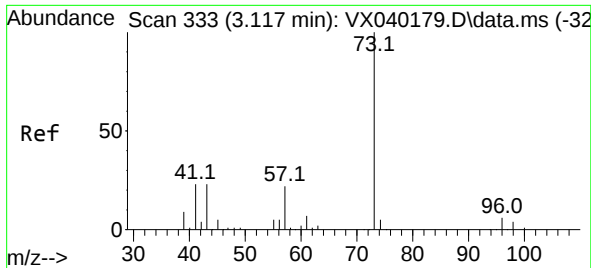
Tgt Ion:168 Resp: 71992
Ion Ratio Lower Upper
168 100
99 55.5 56.6 85.0#



#16
Acetone
Concen: 0.907 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040299.D
Acq: 17 Feb 2024 14:01

Tgt Ion: 43 Resp: 399
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#

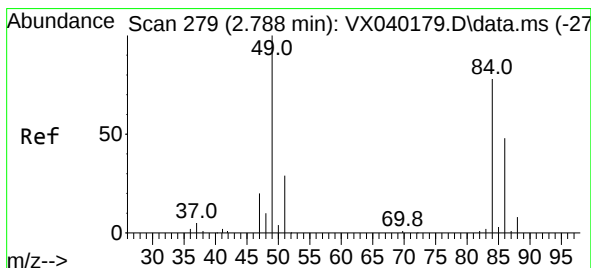
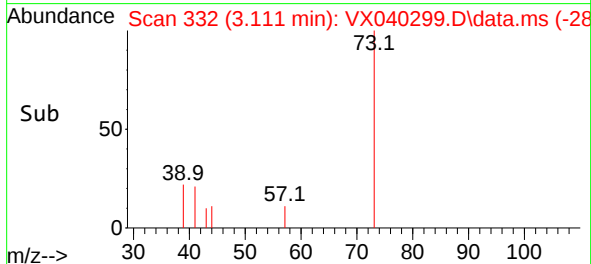
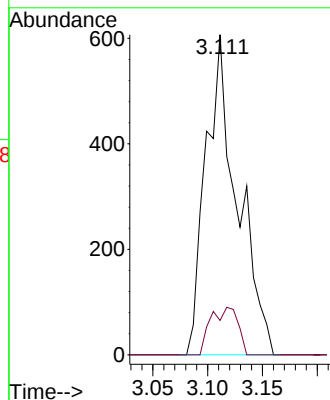
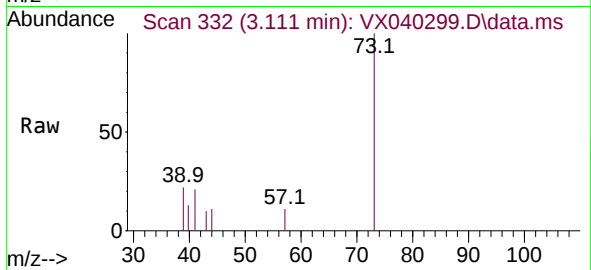




#19
Methyl tert-butyl Ether
Concen: 0.468 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX040299.D
Acq: 17 Feb 2024 14:01

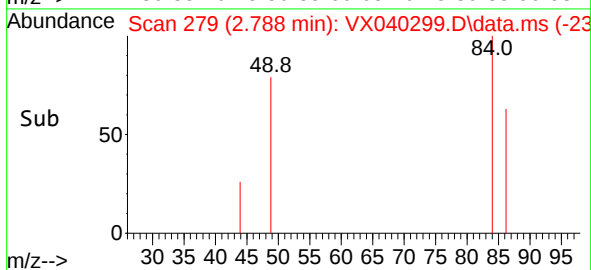
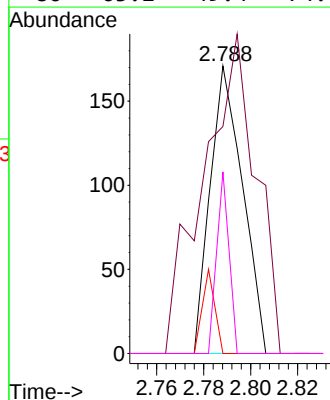
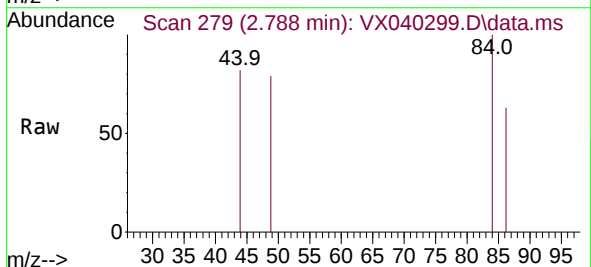
Instrument :
MSVOA_X
ClientSampleId :

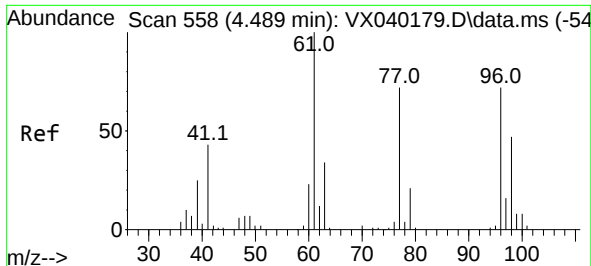
Tgt Ion: 73 Resp: 1213
Ion Ratio Lower Upper
73 100
57 10.7 17.3 25.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040299.D
Acq: 17 Feb 2024 14:01

Tgt Ion: 84 Resp: 164
Ion Ratio Lower Upper
84 100
49 78.9 103.6 155.4#
51 0.0 33.8 50.6#
86 63.2 49.4 74.0





#27

cis-1,2-Dichloroethene

Concen: 7.710 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX040299.D

Acq: 17 Feb 2024 14:01

Instrument :

MSVOA_X

ClientSampleId :

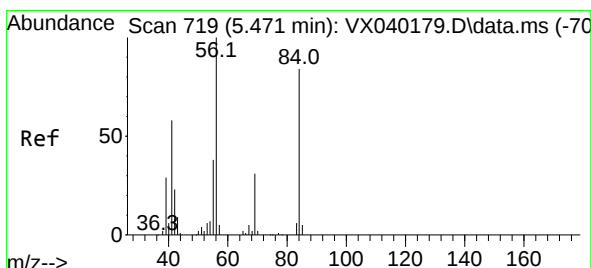
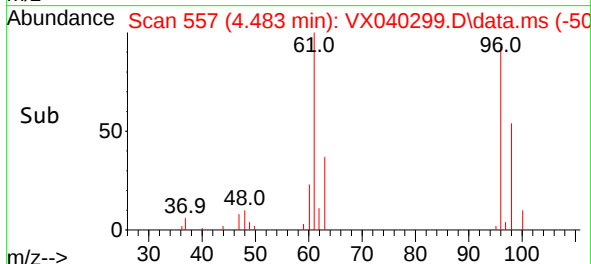
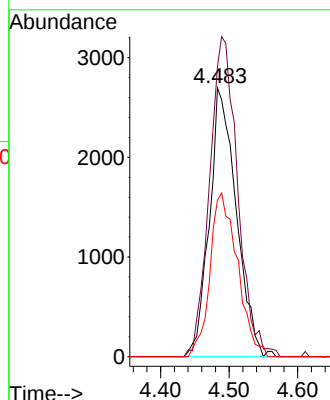
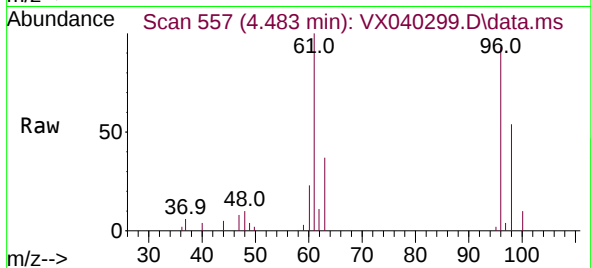
Tgt Ion: 96 Resp: 7363

Ion Ratio Lower Upper

96 100

61 124.2 0.0 312.2

98 62.1 0.0 129.0



#31

Cyclohexane

Concen: 1.216 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX040299.D

Acq: 17 Feb 2024 14:01

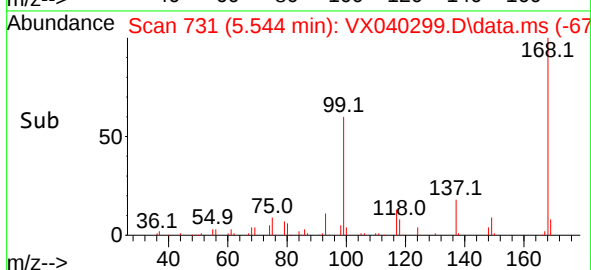
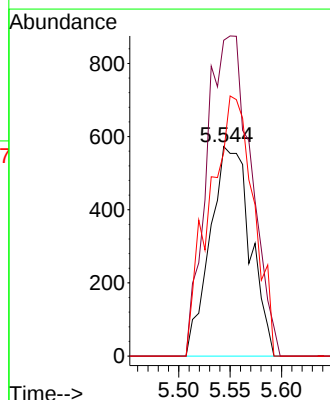
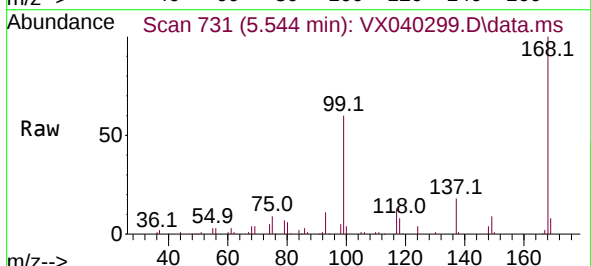
Tgt Ion: 56 Resp: 1553

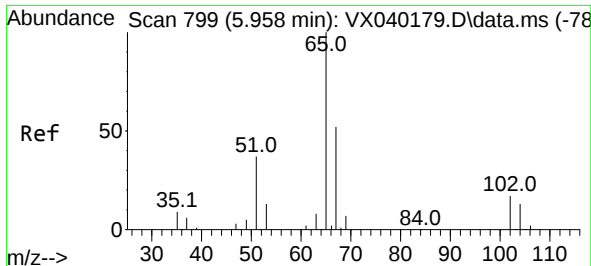
Ion Ratio Lower Upper

56 100

69 150.6 23.4 35.2#

84 97.0 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 46.300 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040299.D

Acq: 17 Feb 2024 14:01

Instrument :

MSVOA_X

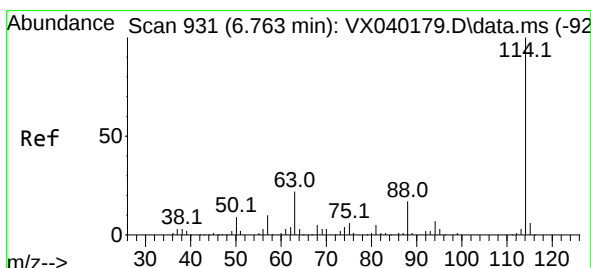
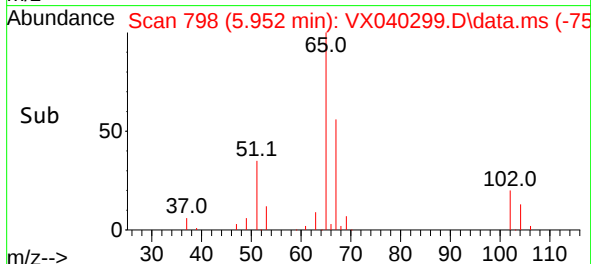
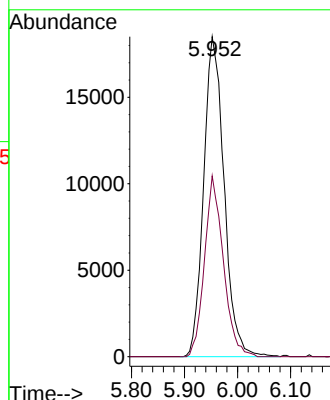
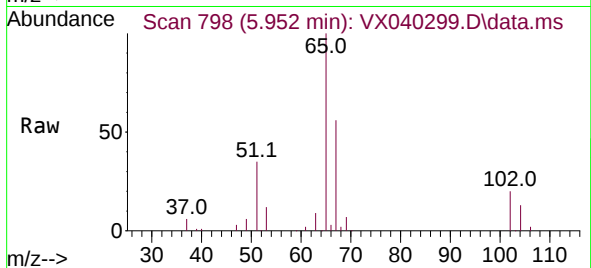
ClientSampleId :

Tgt Ion: 65 Resp: 49589

Ion Ratio Lower Upper

65 100

67 52.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX040299.D

Acq: 17 Feb 2024 14:01

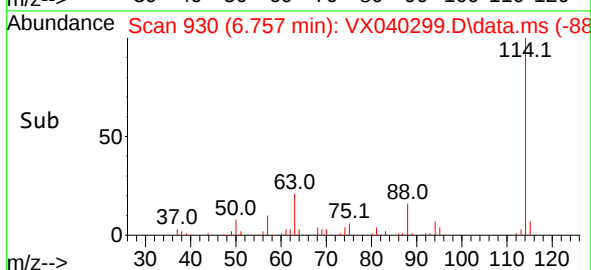
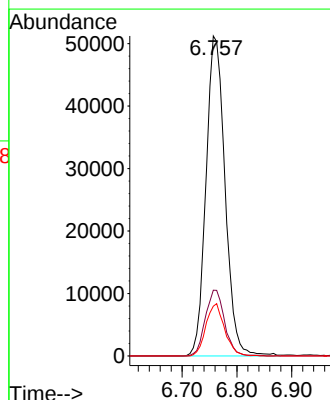
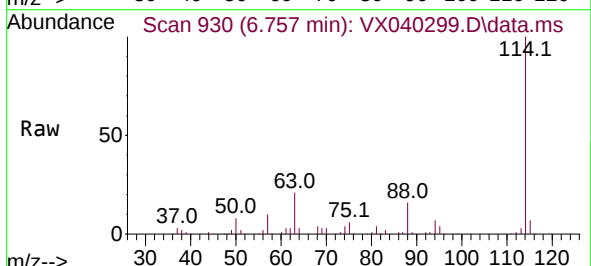
Tgt Ion: 114 Resp: 123596

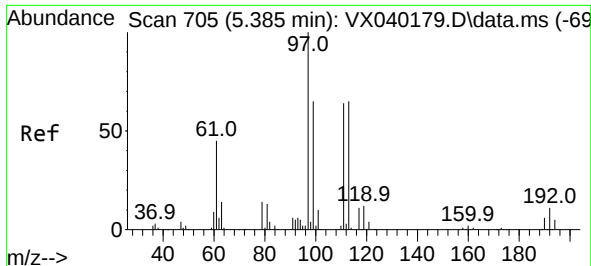
Ion Ratio Lower Upper

114 100

63 20.6 0.0 45.0

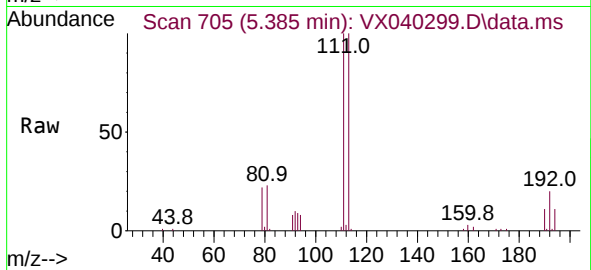
88 15.5 0.0 36.6



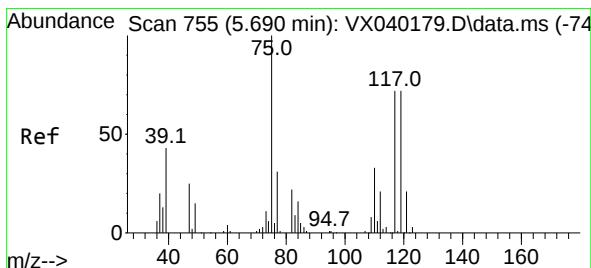
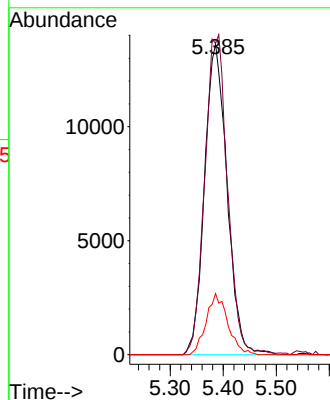
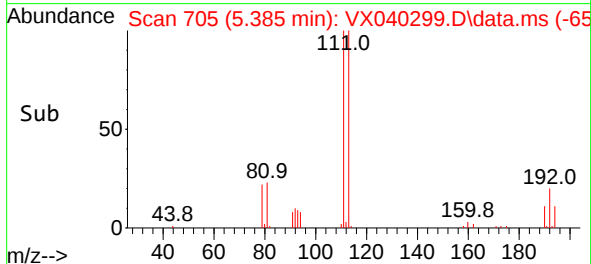


#35
Dibromofluoromethane
Concen: 46.657 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040299.D
Acq: 17 Feb 2024 14:01

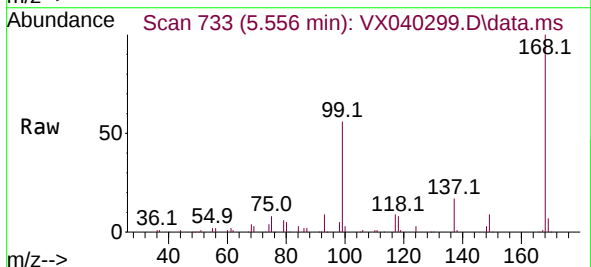
Instrument :
MSVOA_X
ClientSampleId :



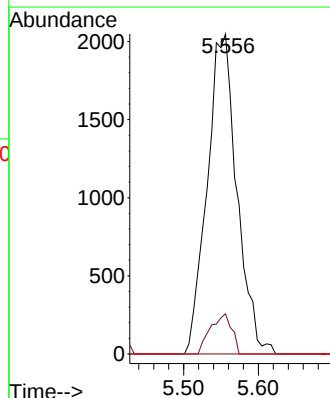
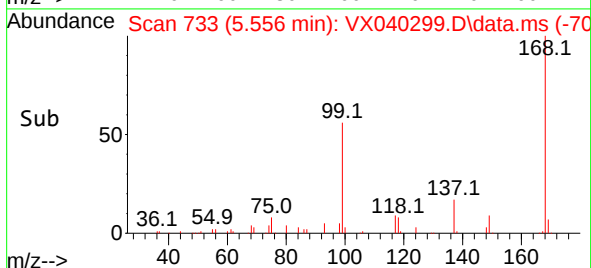
Tgt Ion:113 Resp: 40271
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 18.8 13.3 19.9

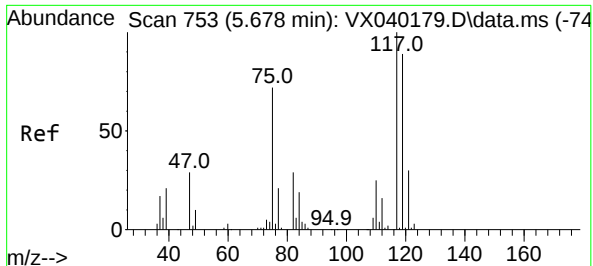


#36
1,1-Dichloropropene
Concen: 4.687 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX040299.D
Acq: 17 Feb 2024 14:01



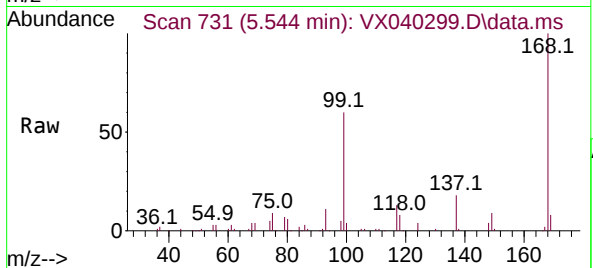
Tgt Ion: 75 Resp: 5667
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#



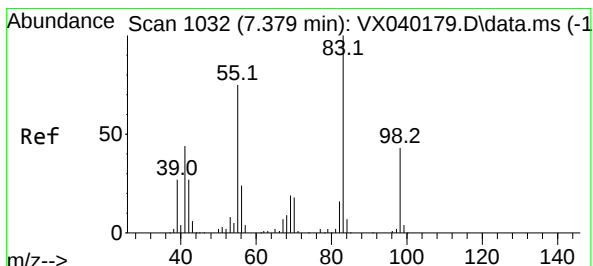
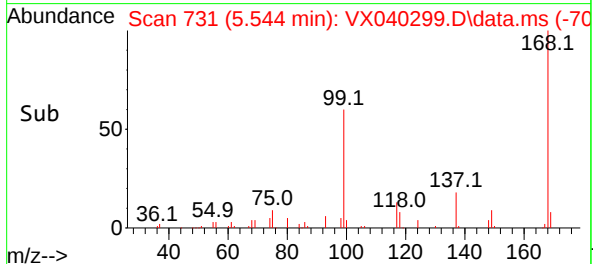
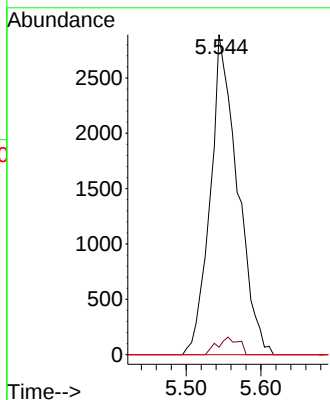


#38
Carbon Tetrachloride
Concen: 6.390 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX040299.D
Acq: 17 Feb 2024 14:01

Instrument :
MSVOA_X
ClientSampleId :

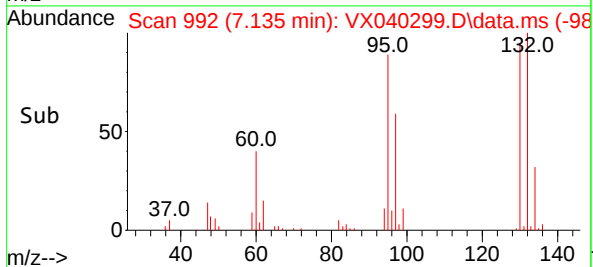
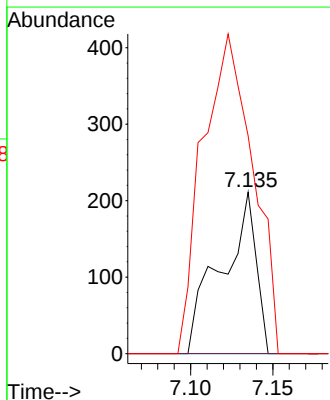
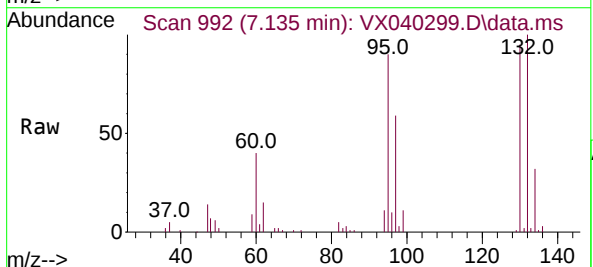


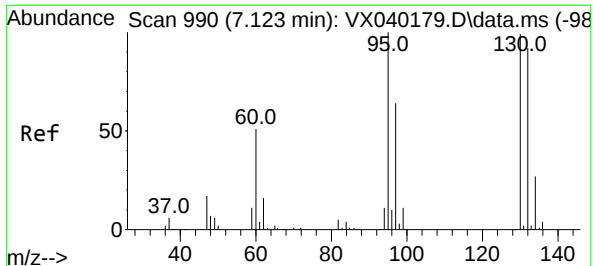
Tgt Ion:117 Resp: 7346
Ion Ratio Lower Upper
117 100
119 2.4 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.222 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.244 min
Lab File: VX040299.D
Acq: 17 Feb 2024 14:01

Tgt Ion: 83 Resp: 312
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 135.1 36.7 55.1#

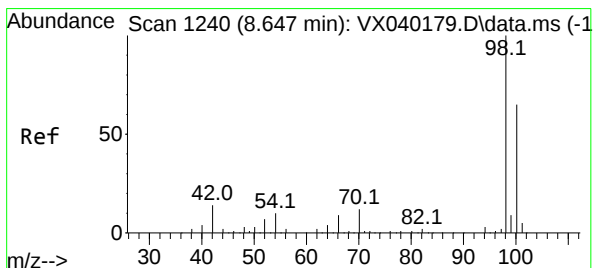
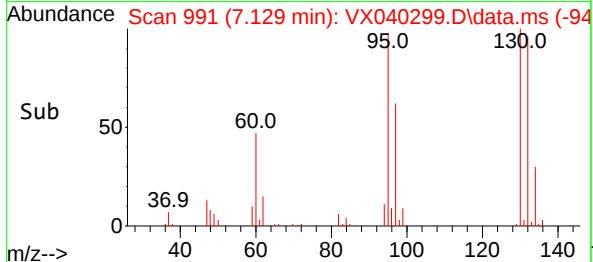
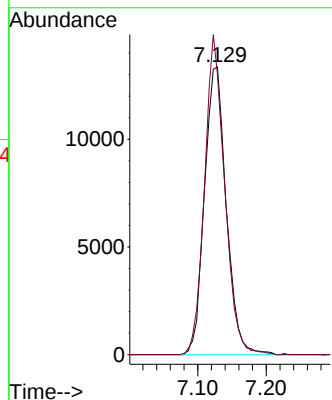
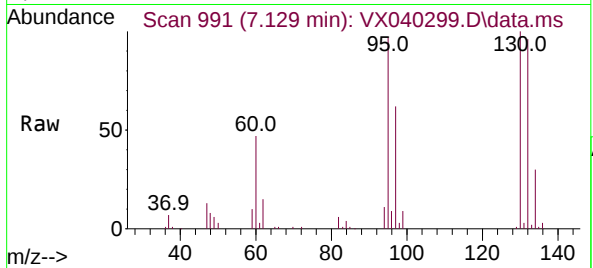




#44
Trichloroethene
Concen: 31.727 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX040299.D
Acq: 17 Feb 2024 14:01

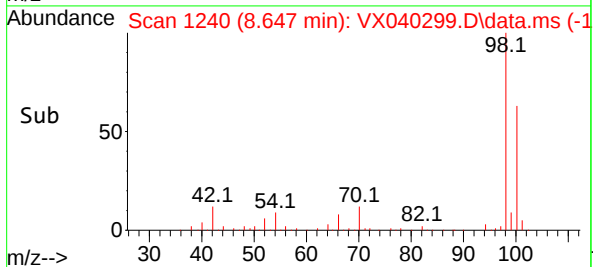
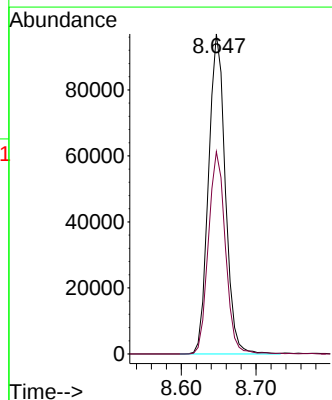
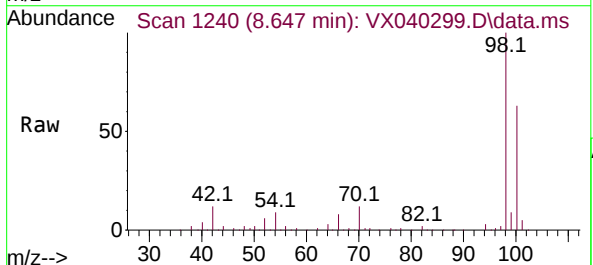
Instrument :
MSVOA_X
ClientSampleId :

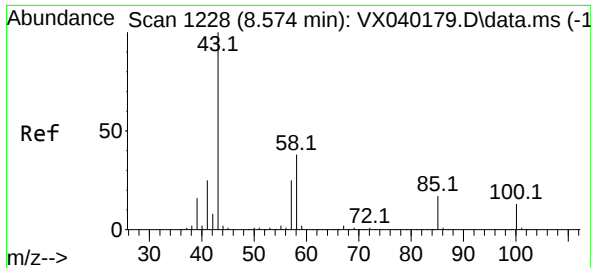
Tgt Ion:130 Resp: 29591
Ion Ratio Lower Upper
130 100
95 97.2 0.0 204.4



#50
Toluene-d8
Concen: 46.745 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040299.D
Acq: 17 Feb 2024 14:01

Tgt Ion: 98 Resp: 150926
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7

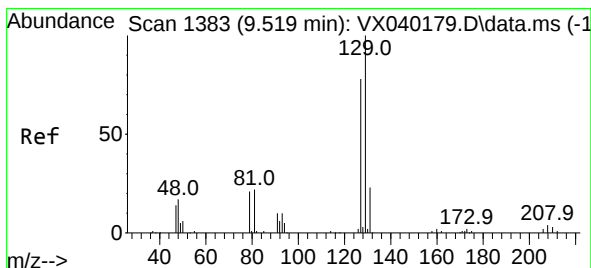
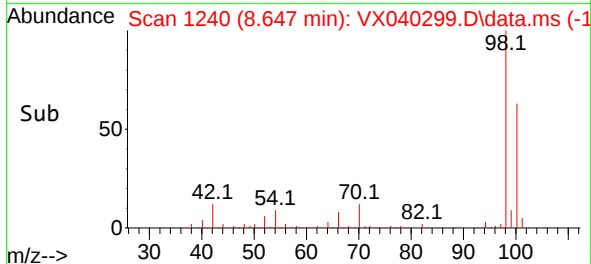
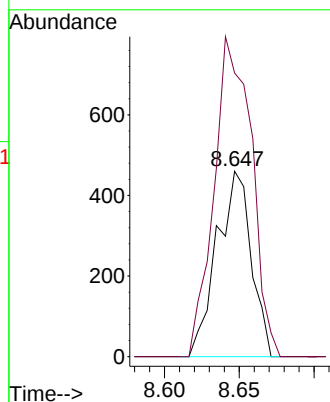
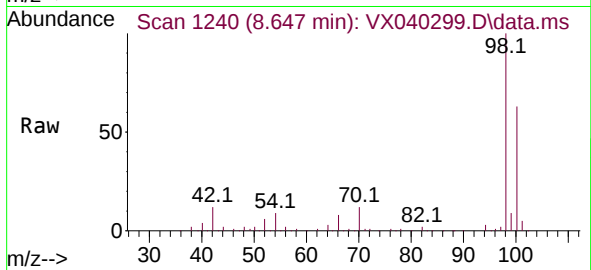




#51
4-Methyl-2-Pentanone
Concen: 0.511 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX040299.D
Acq: 17 Feb 2024 14:01

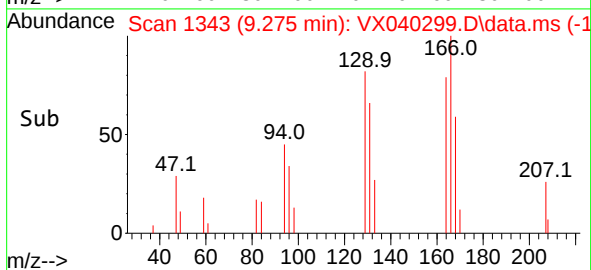
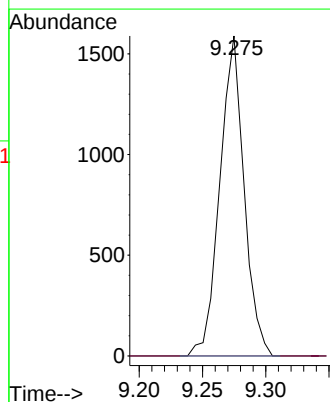
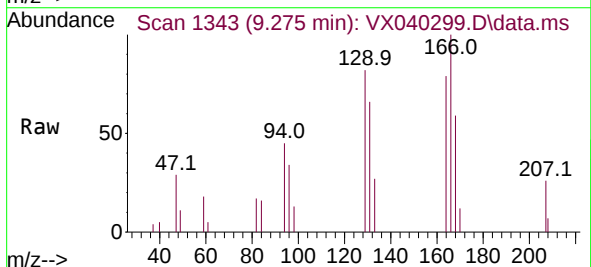
Instrument :
MSVOA_X
ClientSampleId :

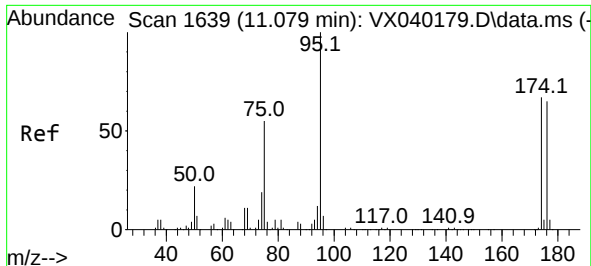
Tgt Ion: 43 Resp: 733
Ion Ratio Lower Upper
43 100
58 188.4 30.4 45.6#



#60
Dibromochloromethane
Concen: 2.198 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX040299.D
Acq: 17 Feb 2024 14:01

Tgt Ion: 129 Resp: 2115
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#





#62

4-Bromofluorobenzene

Concen: 45.585 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040299.D

Acq: 17 Feb 2024 14:01

Instrument :

MSVOA_X

ClientSampleId :

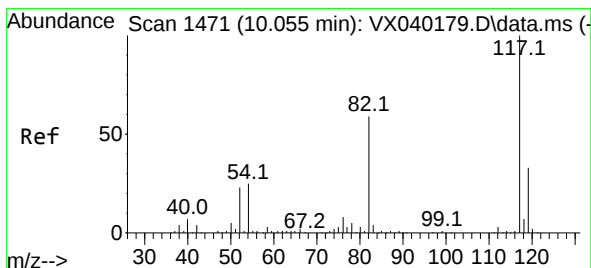
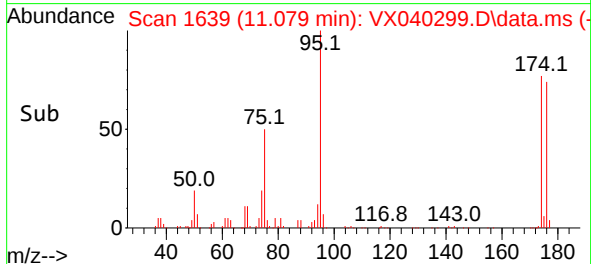
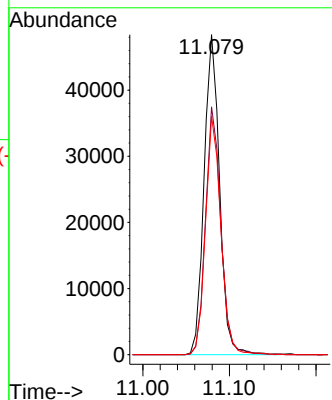
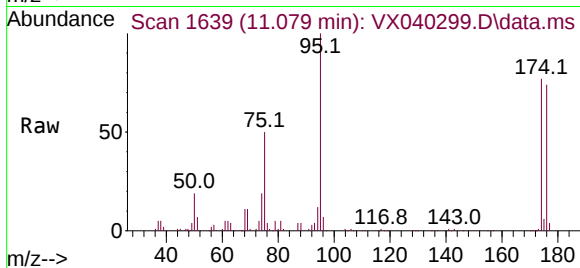
Tgt Ion: 95 Resp: 60026

Ion Ratio Lower Upper

95 100

174 76.9 0.0 135.6

176 74.1 0.0 131.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX040299.D

Acq: 17 Feb 2024 14:01

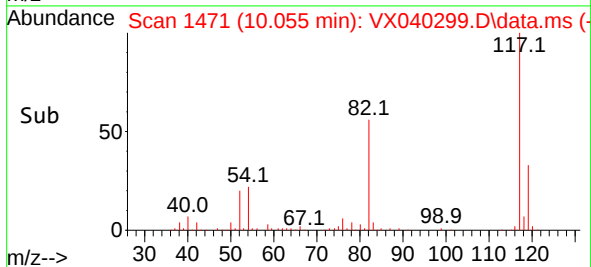
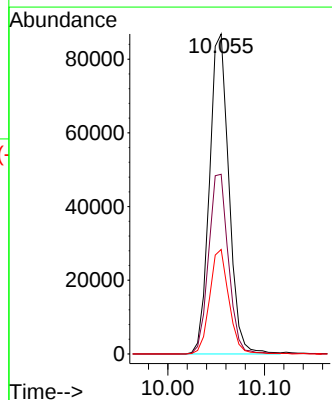
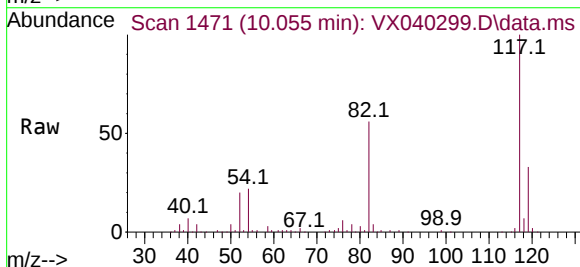
Tgt Ion: 117 Resp: 121371

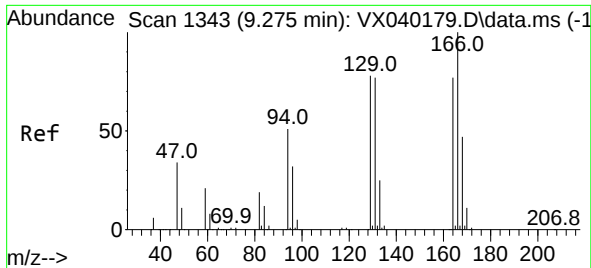
Ion Ratio Lower Upper

117 100

82 56.2 46.2 69.4

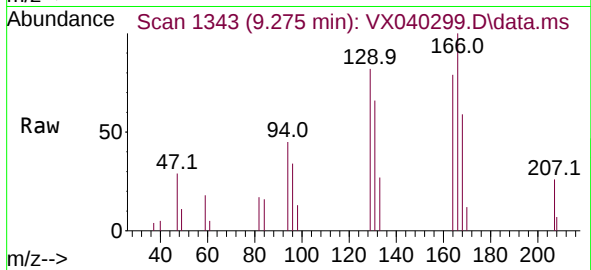
119 32.7 25.5 38.3





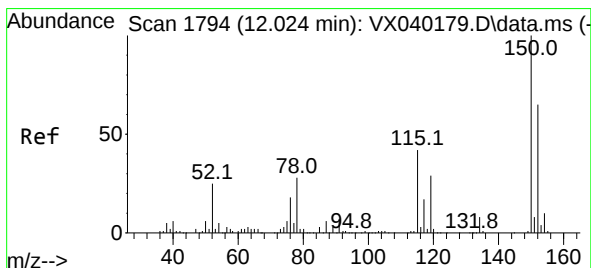
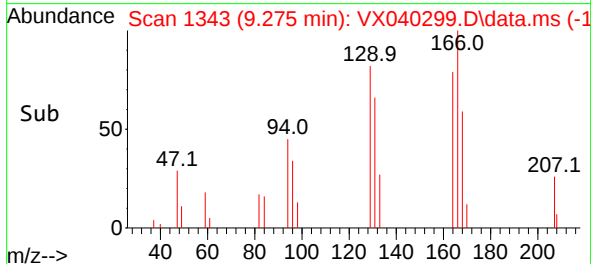
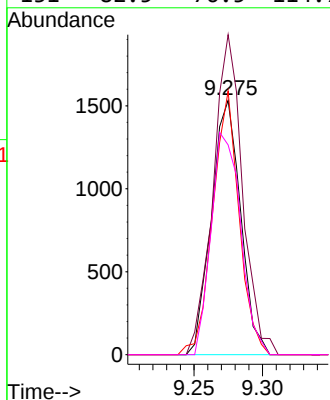
#64
Tetrachloroethene
Concen: 2.667 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040299.D
Acq: 17 Feb 2024 14:01

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:164 Resp: 2268

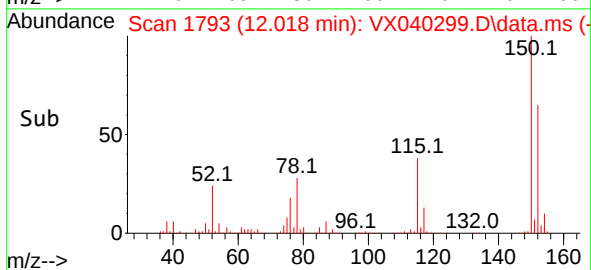
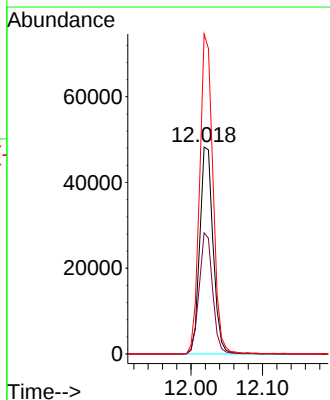
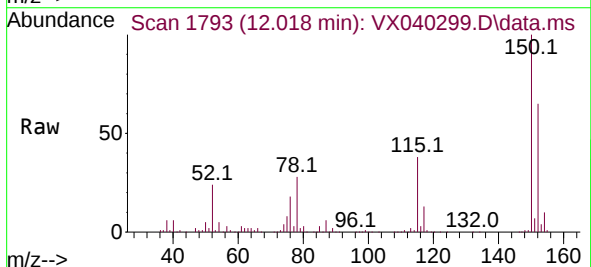
Ion	Ratio	Lower	Upper
164	100		
166	125.8	102.7	154.1
129	103.7	80.4	120.6
131	82.5	76.5	114.7

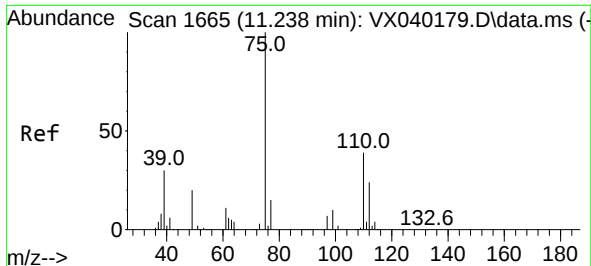


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX040299.D
Acq: 17 Feb 2024 14:01

Tgt Ion:152 Resp: 62614

Ion	Ratio	Lower	Upper
152	100		
115	58.5	43.3	129.9
150	154.4	0.0	345.0

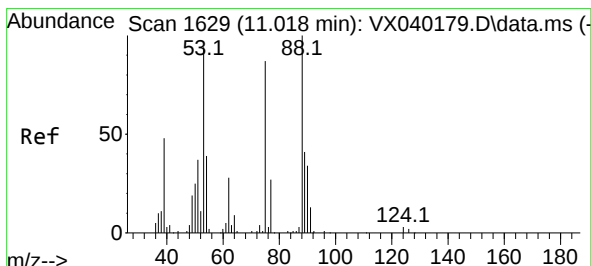
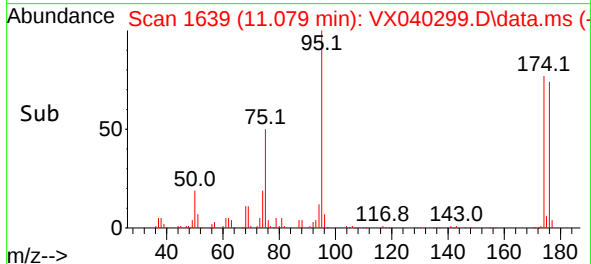
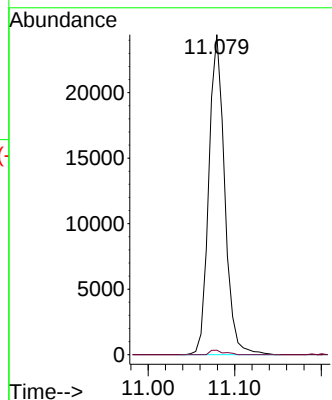
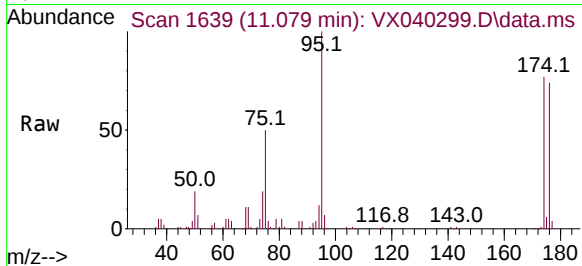




#76
1,2,3-Trichloropropane
Concen: 24.444 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX040299.D
Acq: 17 Feb 2024 14:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 30994
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.318 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040299.D
Acq: 17 Feb 2024 14:01

Tgt Ion: 75 Resp: 30994
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

