

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021724\
 Data File : VX040302.D
 Acq On : 17 Feb 2024 15:09
 Operator : JC/MD
 Sample : P1507-19DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D2-20240215DL

Quant Time: Feb 19 03:57:48 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)

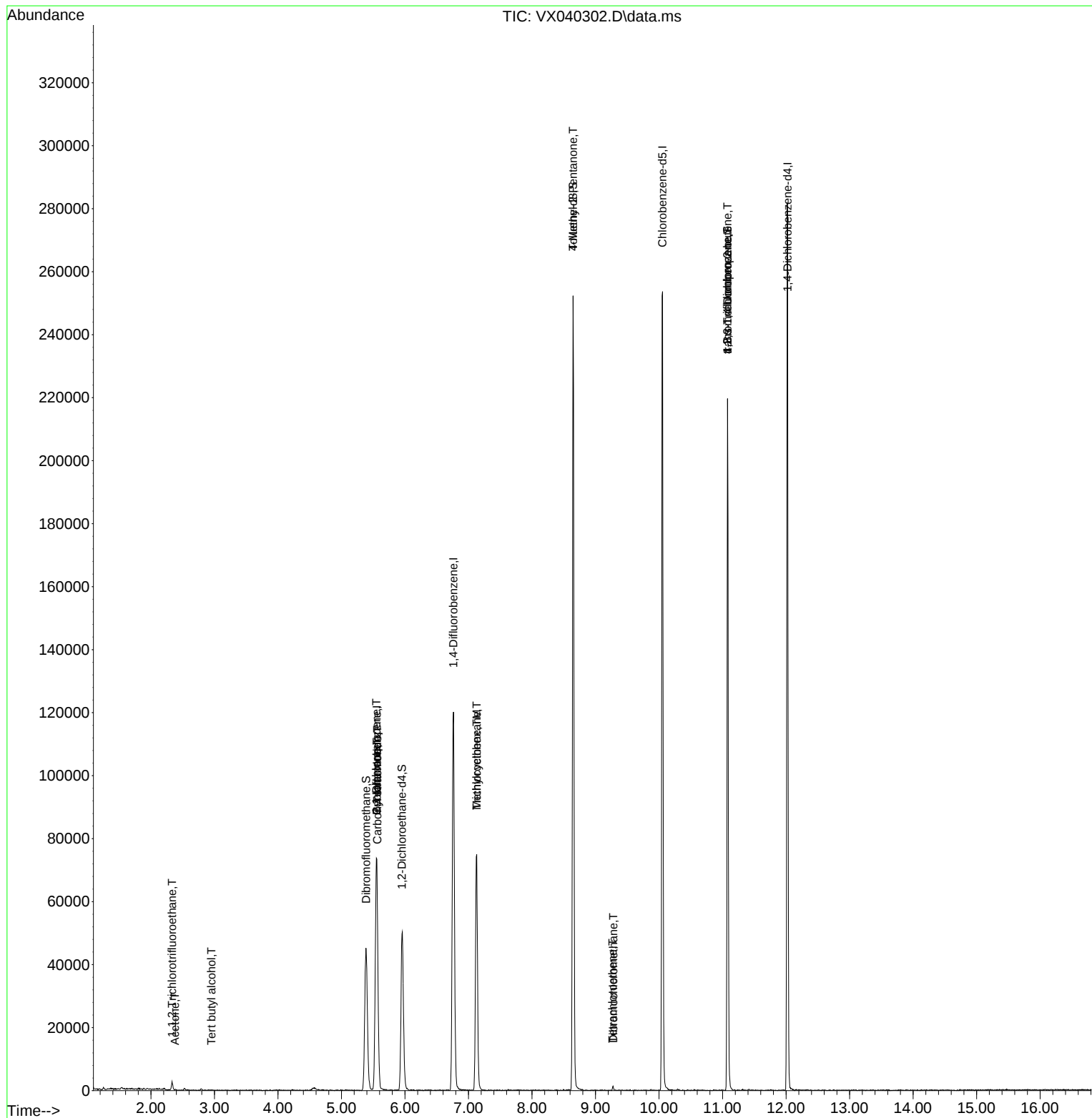
Internal Standards						
1) Pentafluorobenzene	5.556	168	71577	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	122474	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58923	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	49136	46.143	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.280%
35) Dibromofluoromethane	5.385	113	39452	46.127	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.260%
50) Toluene-d8	8.647	98	147902	46.228	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.460%
62) 4-Bromofluorobenzene	11.079	95	57257	43.881	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.760%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	968	1.275	ug/l	# 85
11) Tert butyl alcohol	2.953	59	74	0.357	ug/l	# 78
16) Acetone	2.380	43	296	0.677	ug/l	# 47
20) Methylene Chloride	2.788	84	192	Below Cal	#	46
31) Cyclohexane	5.556	56	1670	1.315	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	5641	4.708	ug/l	# 49
38) Carbon Tetrachloride	5.562	117	7118	6.248	ug/l	# 15
39) Methylcyclohexane	7.129	83	484	0.348	ug/l	# 1
44) Trichloroethene	7.129	130	28949	31.323	ug/l	97
51) 4-Methyl-2-Pentanone	8.647	43	663	0.467	ug/l	# 1
60) Dibromochloromethane	9.281	129	213	0.223	ug/l	# 11
64) Tetrachloroethene	9.269	164	225	0.271	ug/l	# 90
76) 1,2,3-Trichloropropane	11.079	75	30704	25.732	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	30704	70.679	ug/l	# 5

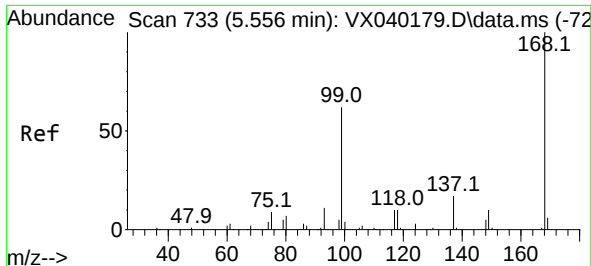
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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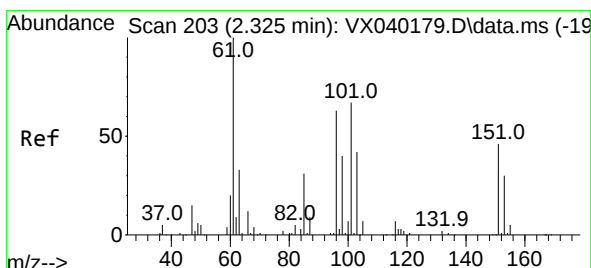
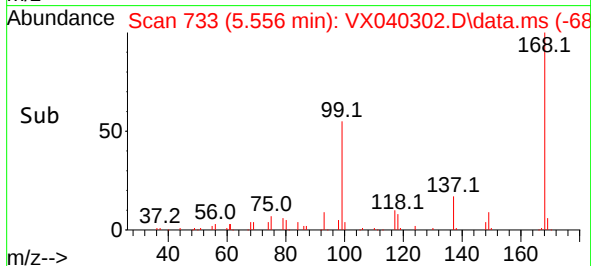
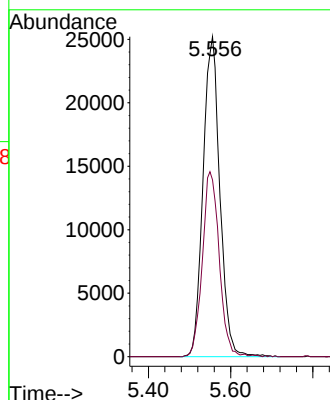
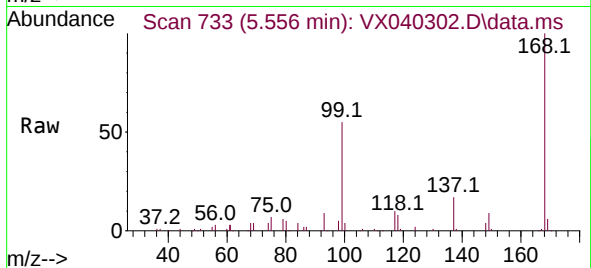




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040302.D
Acq: 17 Feb 2024 15:09

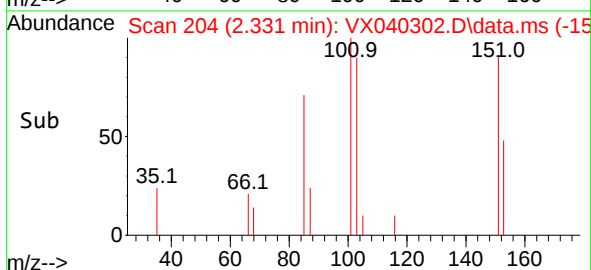
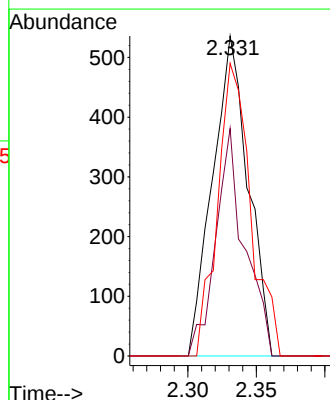
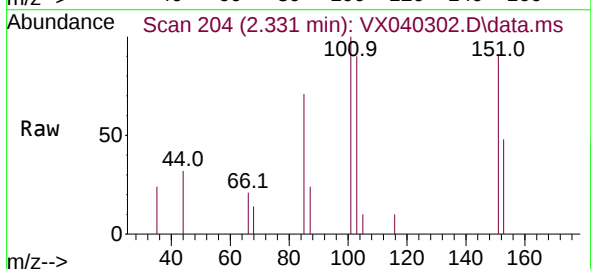
Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20240215DL

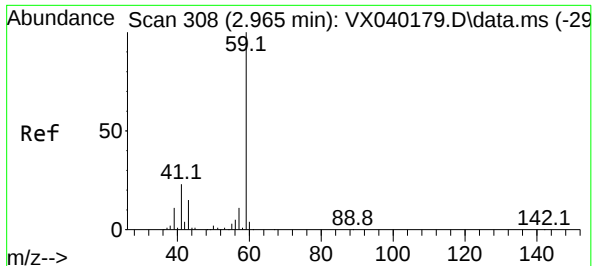
Tgt Ion:168 Resp: 71577
Ion Ratio Lower Upper
168 100
99 55.3 56.6 85.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.275 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX040302.D
Acq: 17 Feb 2024 15:09

Tgt Ion:101 Resp: 968
Ion Ratio Lower Upper
101 100
85 57.6 37.0 55.6#
151 85.0 58.6 87.8





#11

Tert butyl alcohol

Concen: 0.357 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.012 min

Lab File: VX040302.D

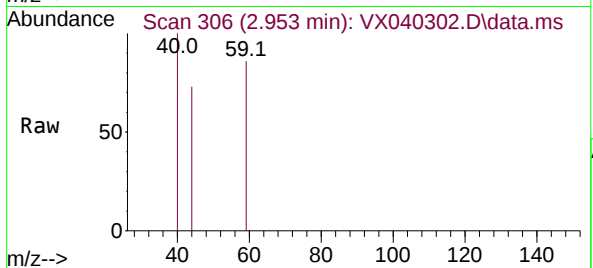
Acq: 17 Feb 2024 15:09

Instrument :

MSVOA_X

ClientSampleId :

RE126D2-20240215DL

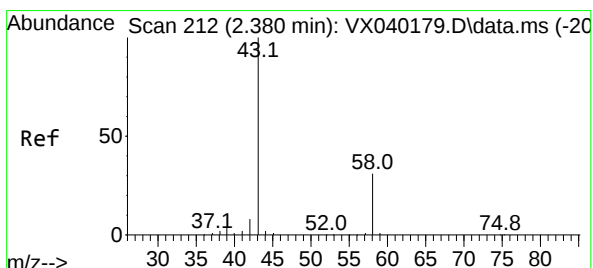
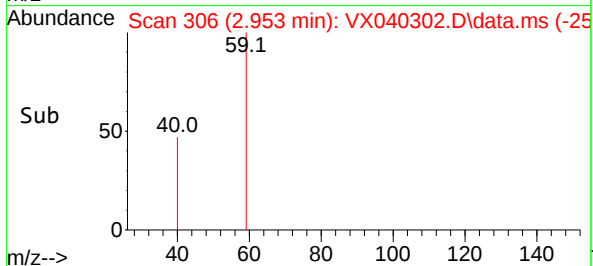
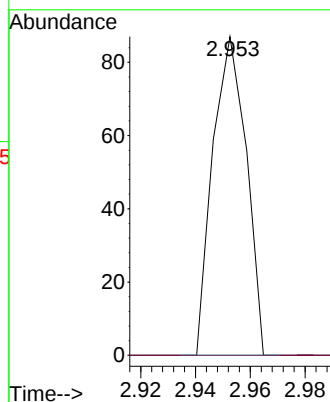


Tgt Ion: 59 Resp: 74

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 0.677 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX040302.D

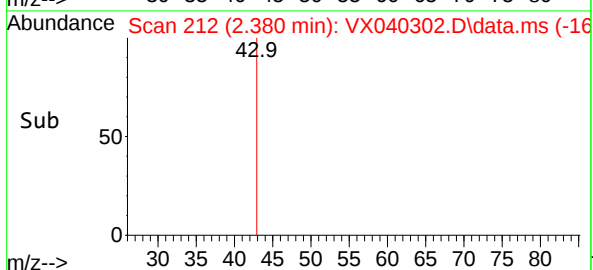
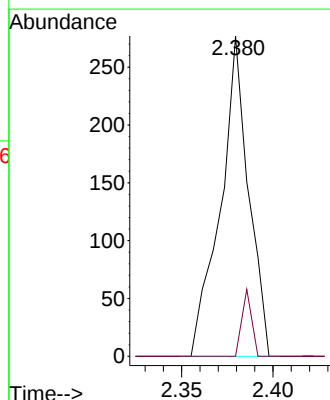
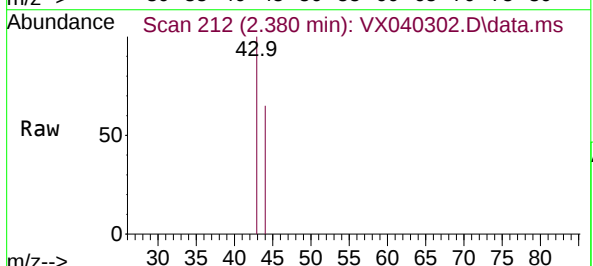
Acq: 17 Feb 2024 15:09

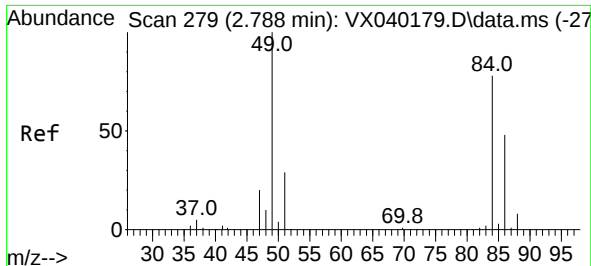
Tgt Ion: 43 Resp: 296

Ion Ratio Lower Upper

43 100

58 0.0 21.9 32.9#

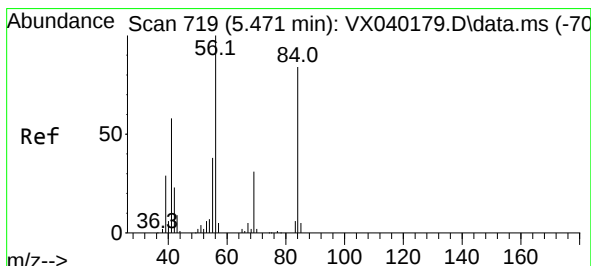
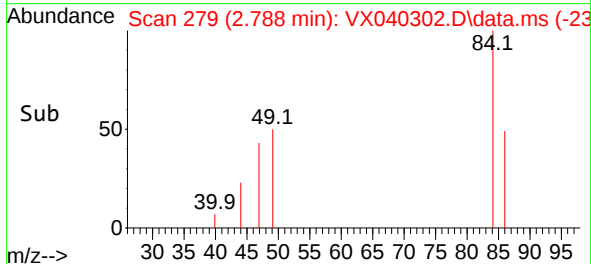
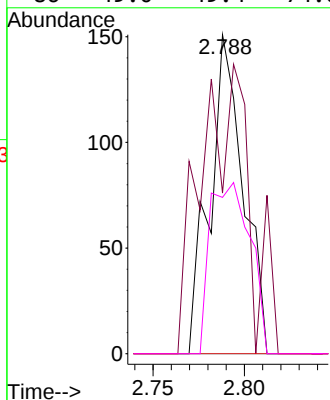
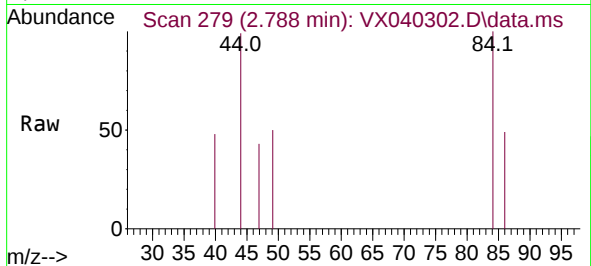




#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX040302.D
Acq: 17 Feb 2024 15:09

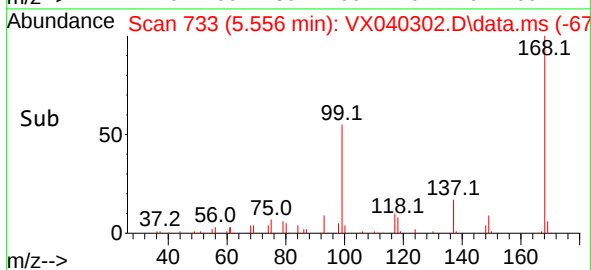
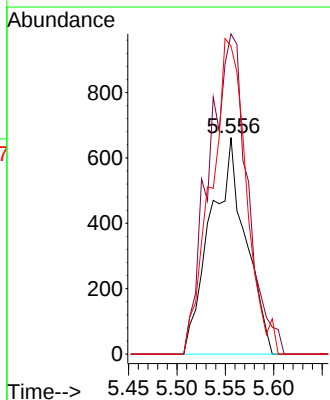
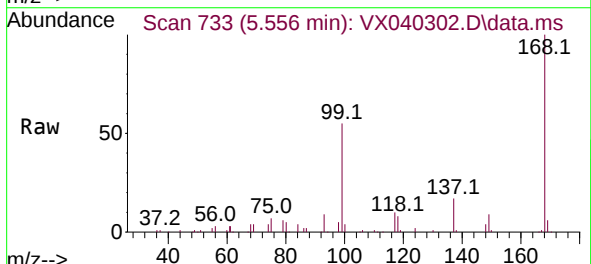
Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20240215DL

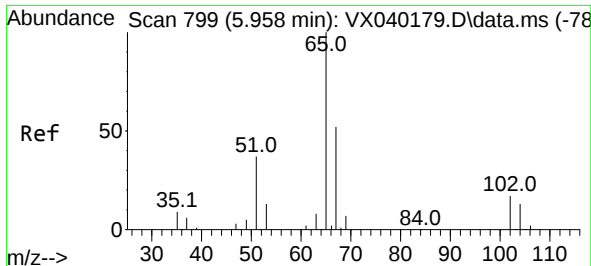
Tgt Ion:	84	Resp:	192
Ion	Ratio	Lower	Upper
84	100		
49	50.3	103.6	155.4#
51	0.0	33.8	50.6#
86	49.0	49.4	74.0#



#31
Cyclohexane
Concen: 1.315 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX040302.D
Acq: 17 Feb 2024 15:09

Tgt Ion:	56	Resp:	1670
Ion	Ratio	Lower	Upper
56	100		
69	147.9	23.4	35.2#
84	142.3	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.143 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040302.D

Acq: 17 Feb 2024 15:09

Instrument :

MSVOA_X

ClientSampleId :

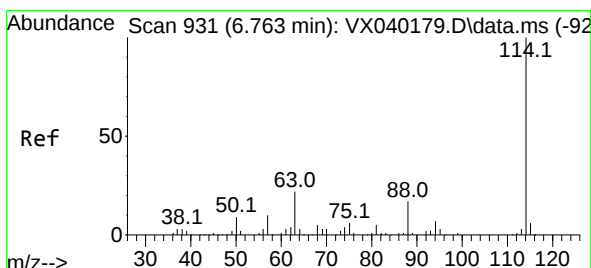
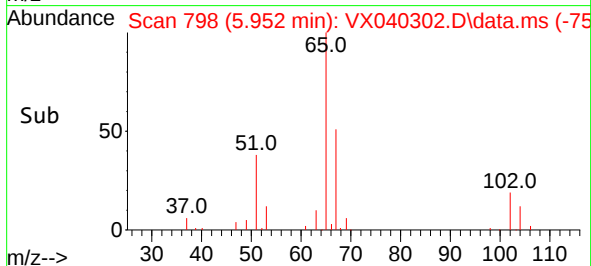
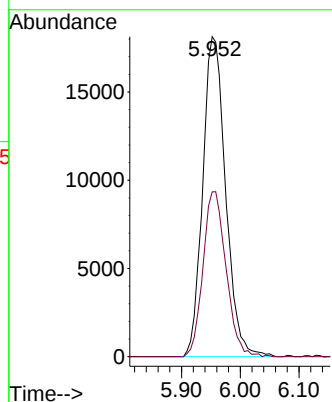
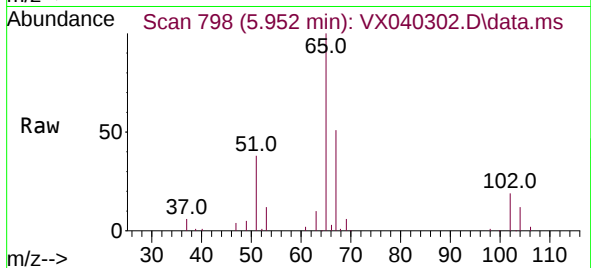
RE126D2-20240215DL

Tgt Ion: 65 Resp: 49136

Ion Ratio Lower Upper

65 100

67 51.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX040302.D

Acq: 17 Feb 2024 15:09

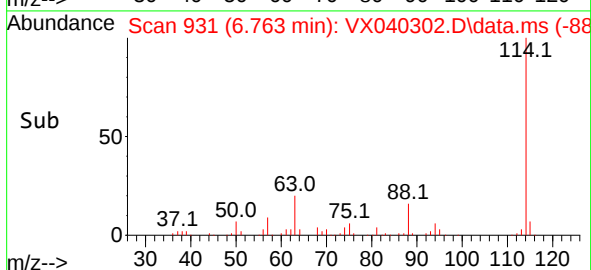
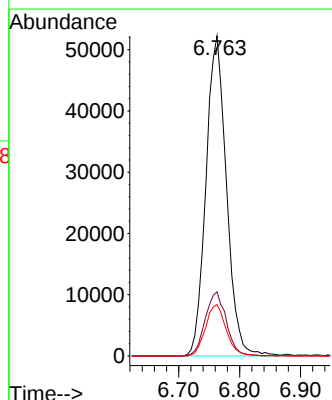
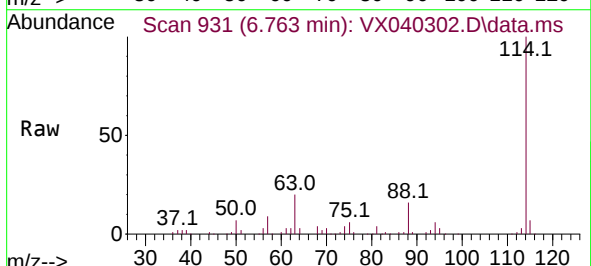
Tgt Ion: 114 Resp: 122474

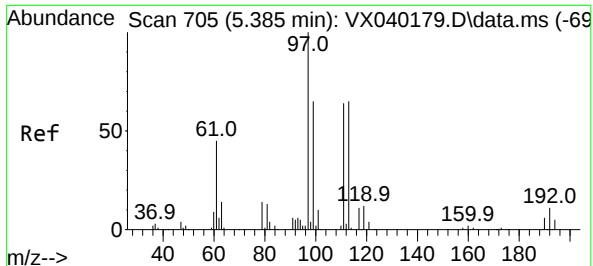
Ion Ratio Lower Upper

114 100

63 20.1 0.0 45.0

88 16.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.127 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX040302.D

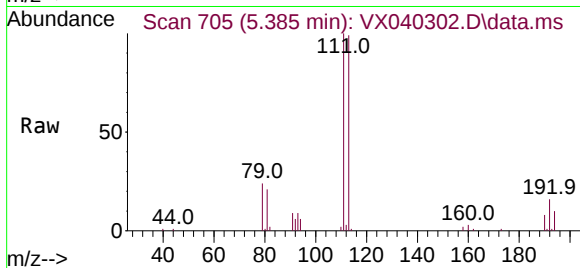
Acq: 17 Feb 2024 15:09

Instrument :

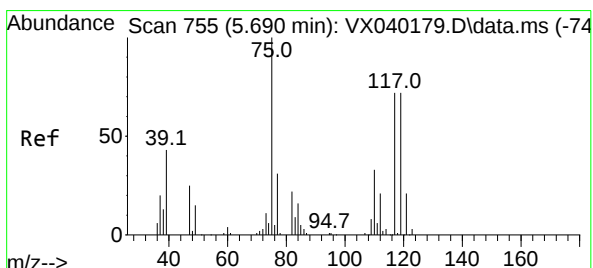
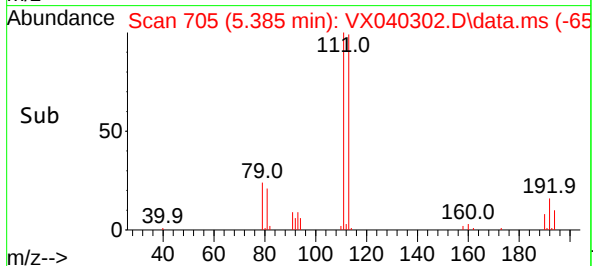
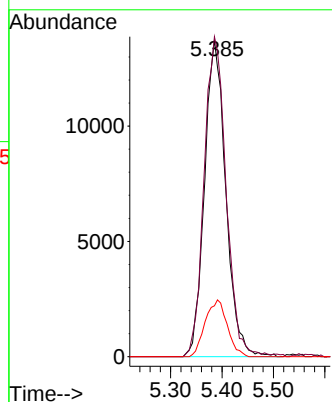
MSVOA_X

ClientSampleId :

RE126D2-20240215DL



Tgt Ion:	113	Resp:	39452
Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.9	124.3
192	18.6	13.3	19.9



#36

1,1-Dichloropropene

Concen: 4.708 ug/l

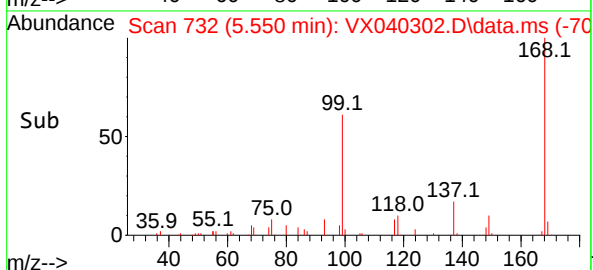
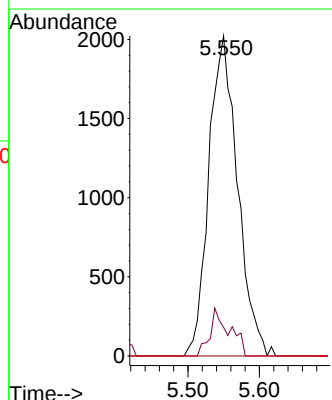
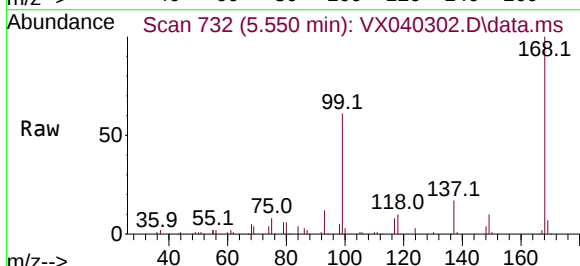
RT: 5.550 min Scan# 732

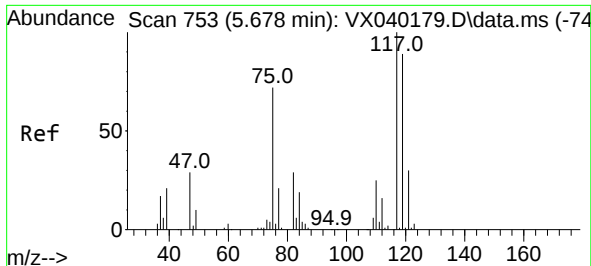
Delta R.T. -0.146 min

Lab File: VX040302.D

Acq: 17 Feb 2024 15:09

Tgt Ion:	75	Resp:	5641
Ion	Ratio	Lower	Upper
75	100		
110	7.2	17.0	50.9#
77	0.0	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 6.248 ug/l

RT: 5.562 min Scan# 7118

Delta R.T. -0.110 min

Lab File: VX040302.D

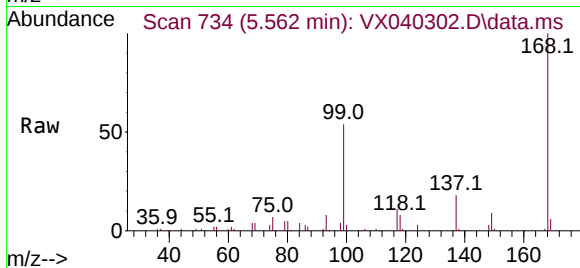
Acq: 17 Feb 2024 15:09

Instrument :

MSVOA_X

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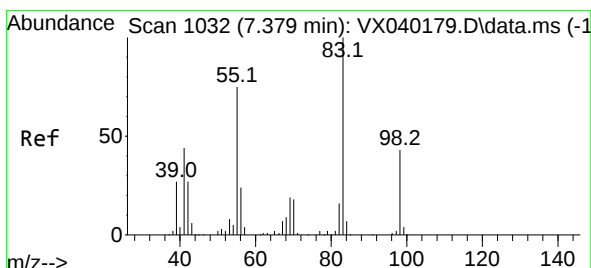
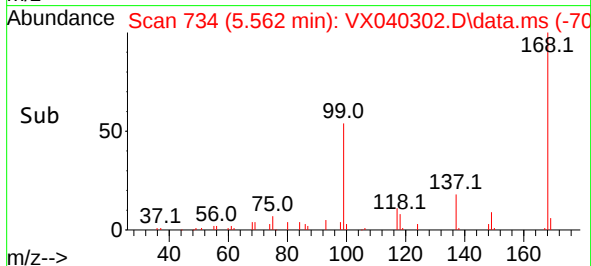
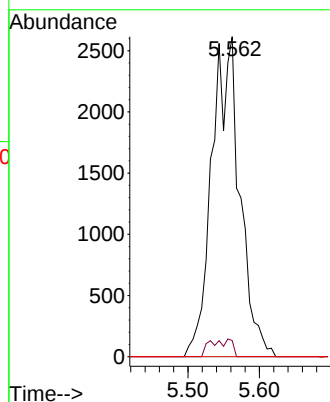
Tgt Ion:117 Resp: 7118

Ion Ratio Lower Upper

117 100

119 5.0 78.2 117.2#

121 0.0 24.4 36.6#



#39

Methylcyclohexane

Concen: 0.348 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.250 min

Lab File: VX040302.D

Acq: 17 Feb 2024 15:09

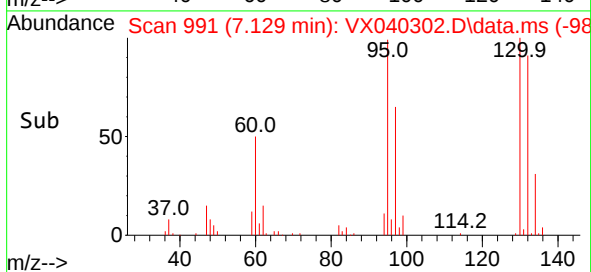
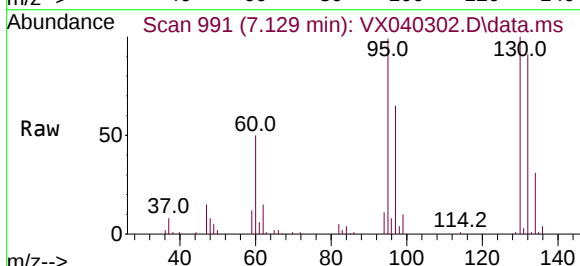
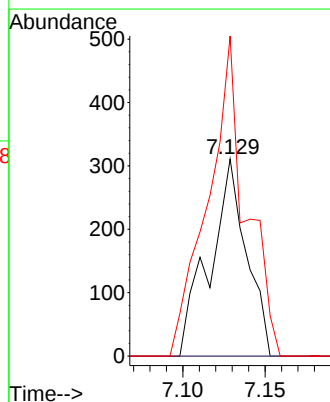
Tgt Ion: 83 Resp: 484

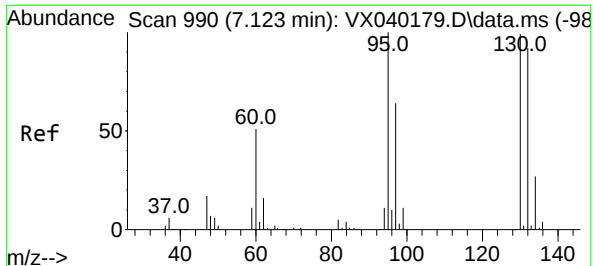
Ion Ratio Lower Upper

83 100

55 0.0 64.6 97.0#

98 162.4 36.7 55.1#

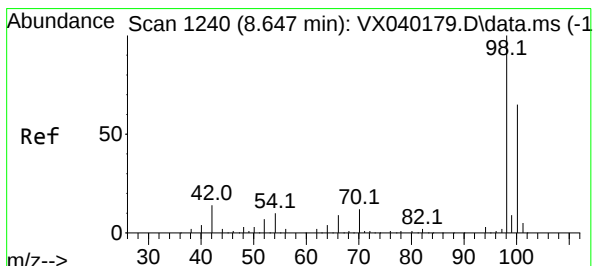
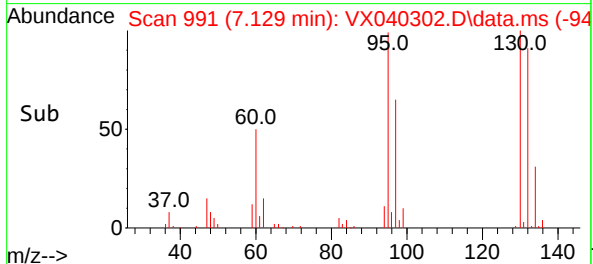
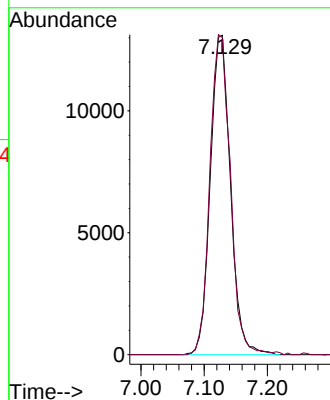
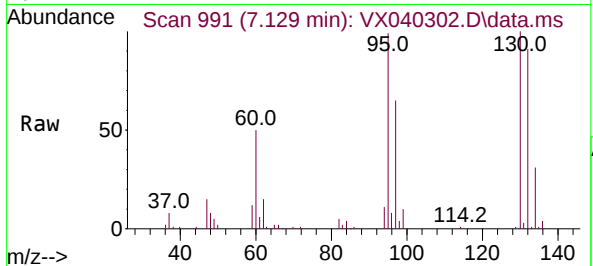




#44
Trichloroethene
Concen: 31.323 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX040302.D
Acq: 17 Feb 2024 15:09

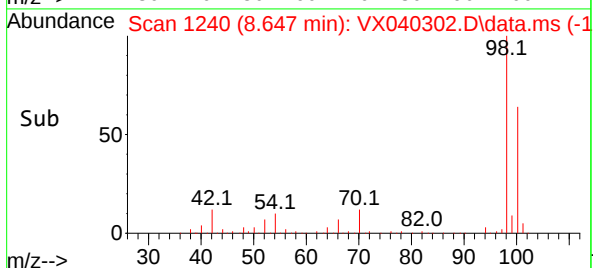
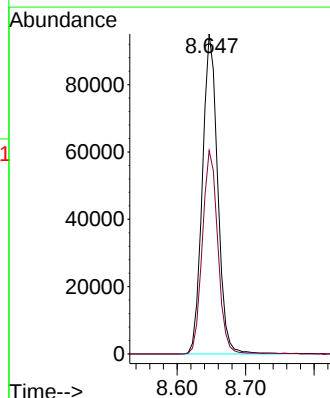
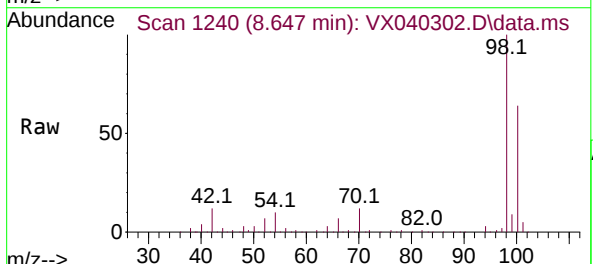
Instrument :
MSVOA_X
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RE126D2-20240215DL

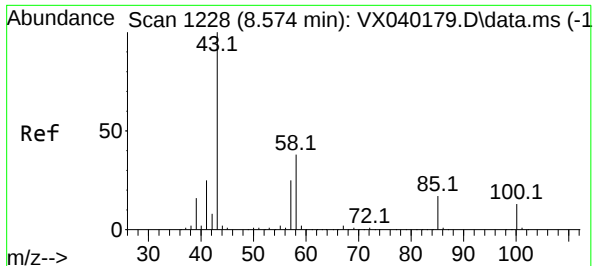
Tgt Ion:130 Resp: 28949
Ion Ratio Lower Upper
130 100
95 99.4 0.0 204.4



#50
Toluene-d8
Concen: 46.228 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040302.D
Acq: 17 Feb 2024 15:09

Tgt Ion: 98 Resp: 147902
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7

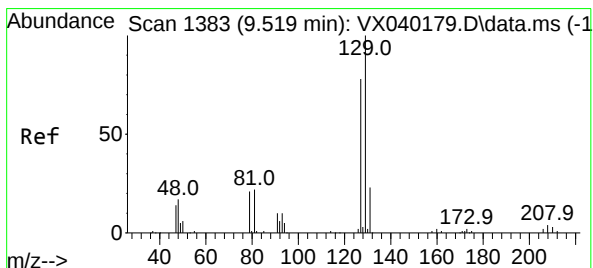
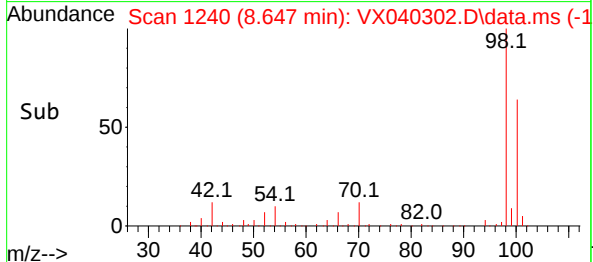
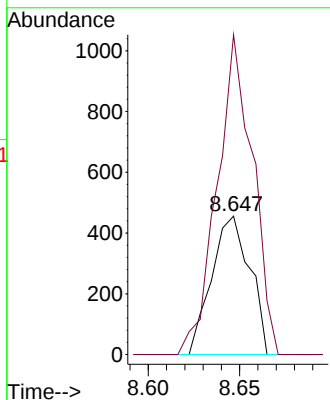
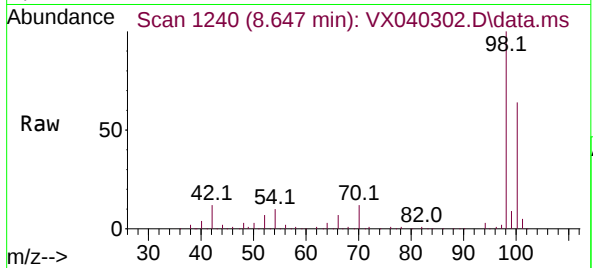




#51
4-Methyl-2-Pentanone
Concen: 0.467 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX040302.D
Acq: 17 Feb 2024 15:09

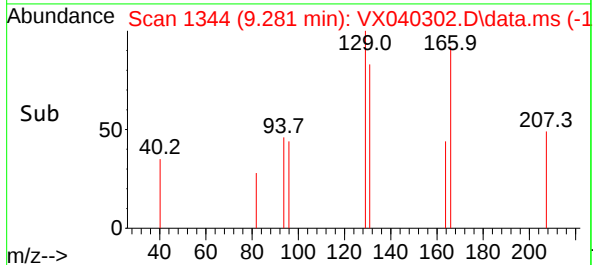
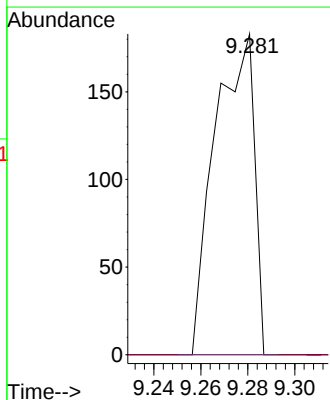
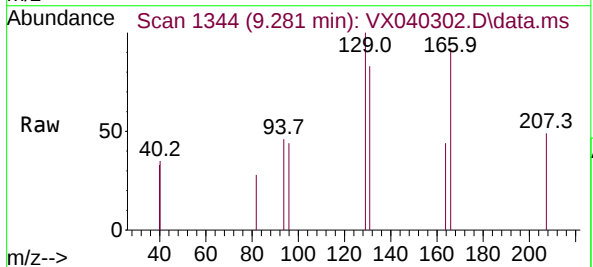
Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20240215DL

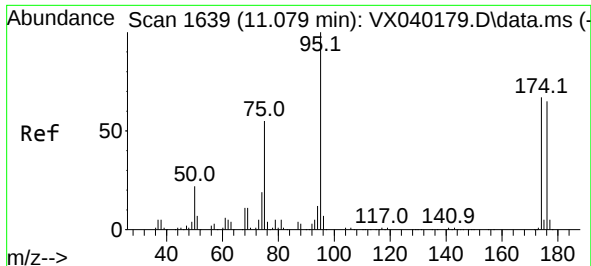
Tgt Ion: 43 Resp: 663
Ion Ratio Lower Upper
43 100
58 215.4 30.4 45.6#



#60
Dibromochloromethane
Concen: 0.223 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.238 min
Lab File: VX040302.D
Acq: 17 Feb 2024 15:09

Tgt Ion: 129 Resp: 213
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

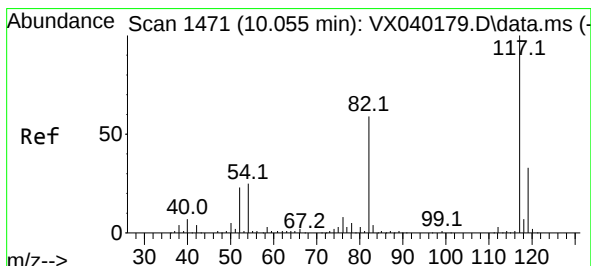
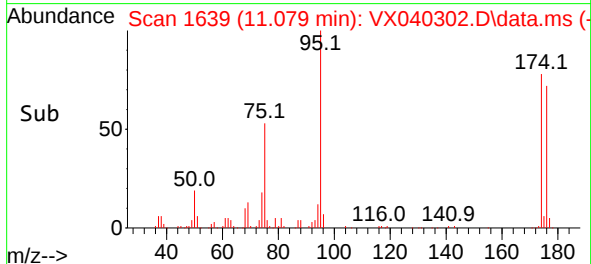
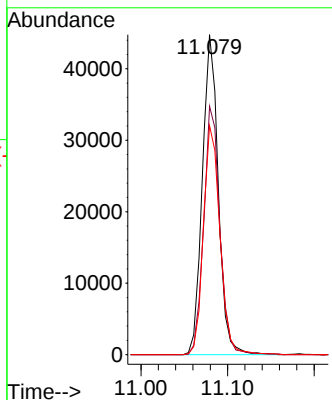
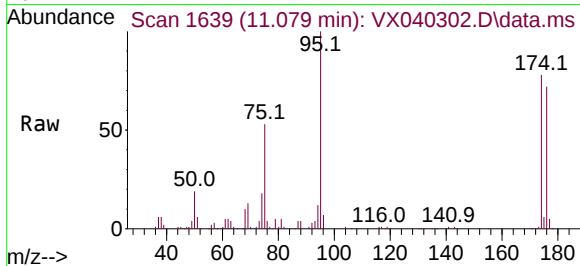




#62
4-Bromofluorobenzene
Concen: 43.881 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040302.D
Acq: 17 Feb 2024 15:09

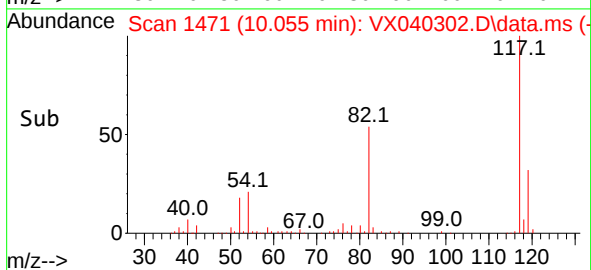
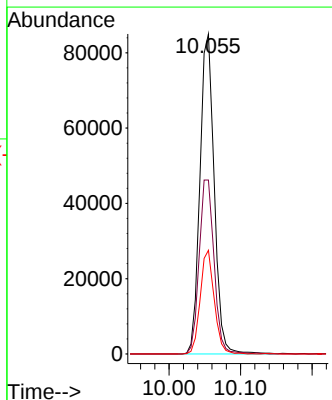
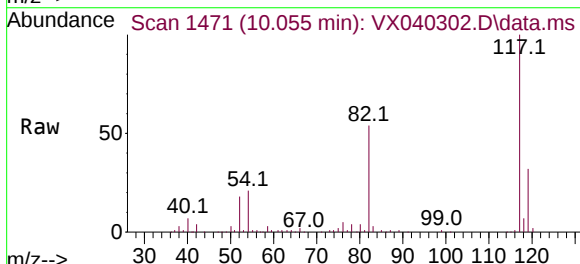
Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20240215DL

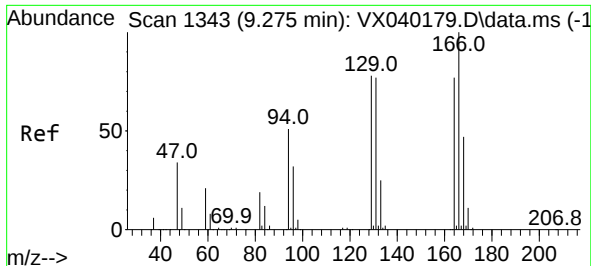
Tgt Ion: 95 Resp: 57257
Ion Ratio Lower Upper
95 100
174 78.5 0.0 135.6
176 74.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040302.D
Acq: 17 Feb 2024 15:09

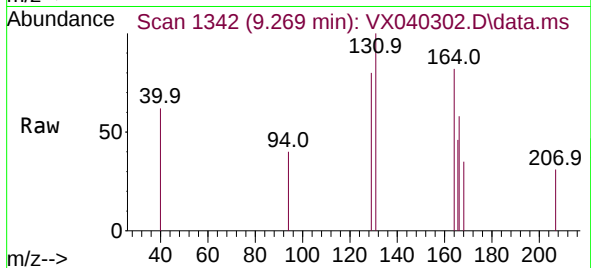
Tgt Ion: 117 Resp: 118319
Ion Ratio Lower Upper
117 100
82 54.4 46.2 69.4
119 32.4 25.5 38.3



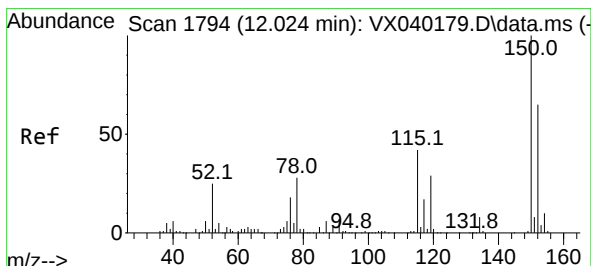
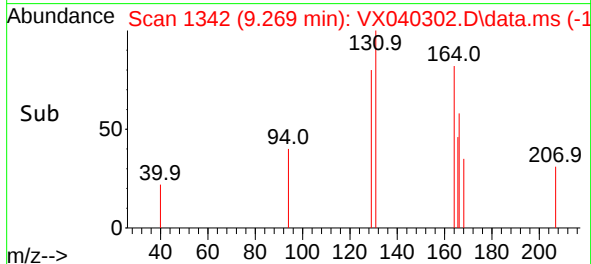
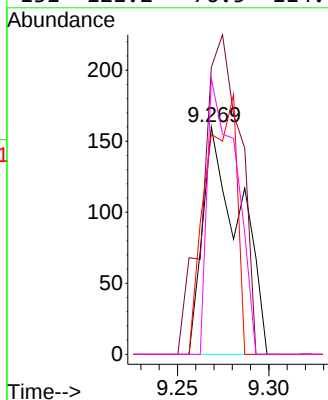


#64
Tetrachloroethene
Concen: 0.271 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040302.D
Acq: 17 Feb 2024 15:09

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20240215DL

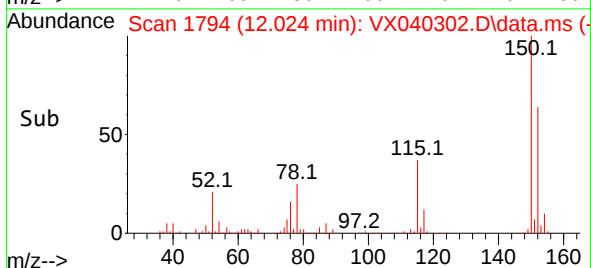
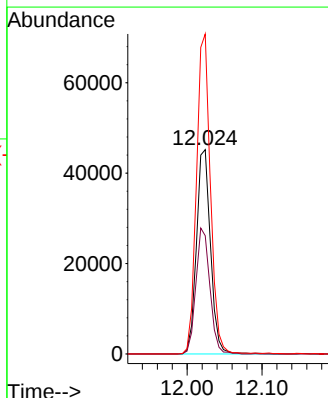
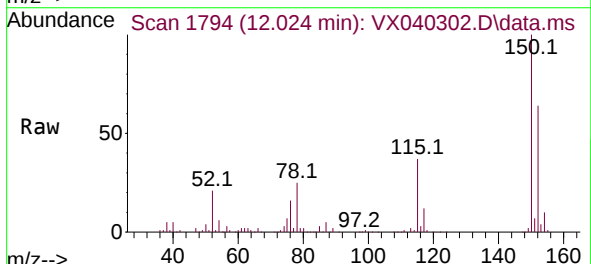


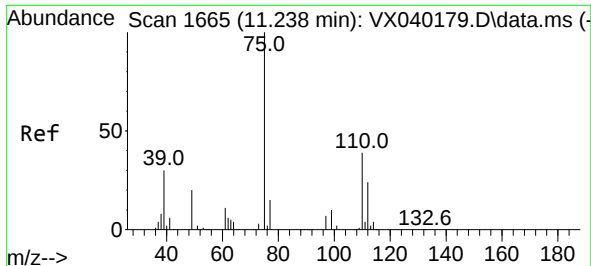
Tgt Ion:	164	Resp:	225
Ion	Ratio	Lower	Upper
164	100		
166	126.3	102.7	154.1
129	96.9	80.4	120.6
131	121.2	76.5	114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040302.D
Acq: 17 Feb 2024 15:09

Tgt Ion:	152	Resp:	58923
Ion	Ratio	Lower	Upper
152	100		
115	61.3	43.3	129.9
150	155.5	0.0	345.0

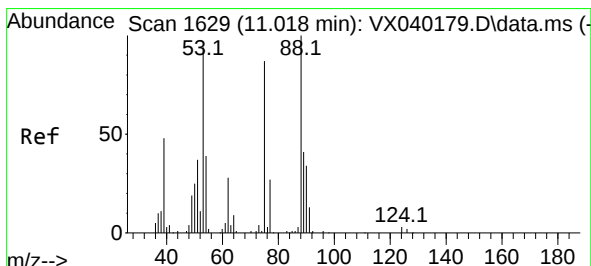
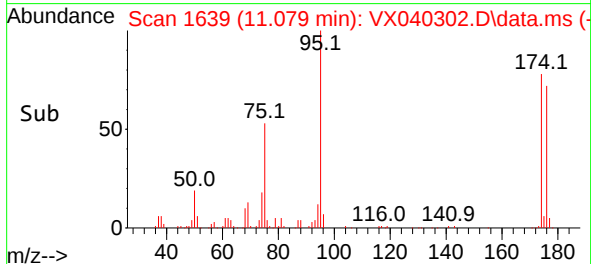
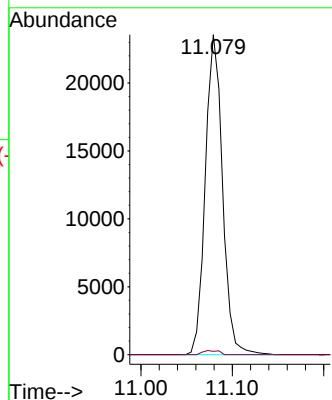
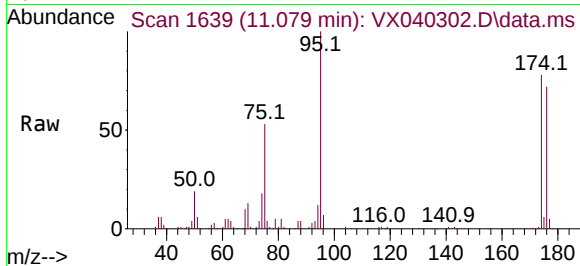




#76
1,2,3-Trichloropropane
Concen: 25.732 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX040302.D
Acq: 17 Feb 2024 15:09

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20240215DL

Tgt Ion: 75 Resp: 30704
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.679 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040302.D
Acq: 17 Feb 2024 15:09

Tgt Ion: 75 Resp: 30704
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

