

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021724\
 Data File : VX040300.D
 Acq On : 17 Feb 2024 14:24
 Operator : JC/MD
 Sample : P1507-02DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20240212DL

Quant Time: Feb 19 03:57:10 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)

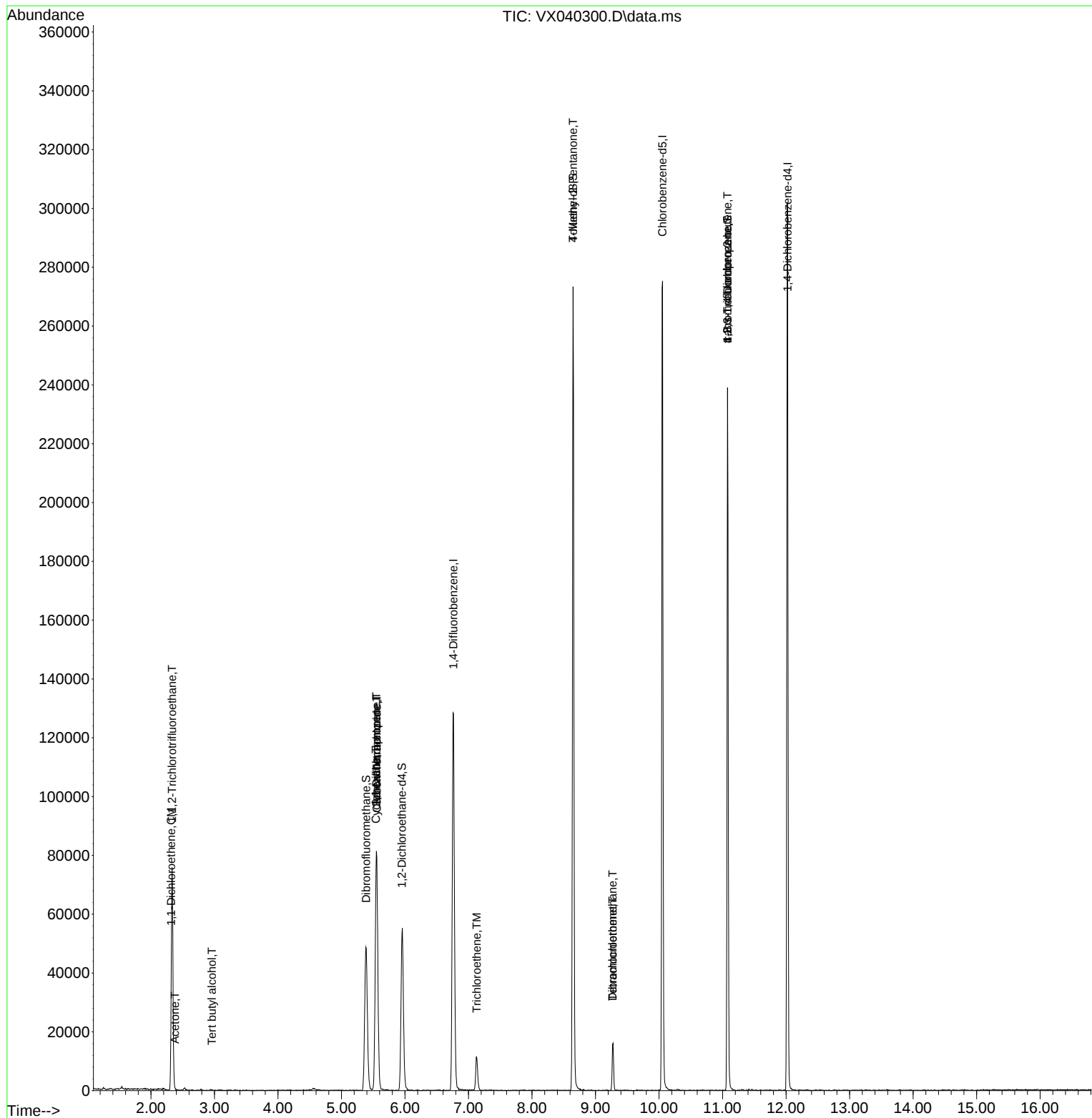
Internal Standards						
1) Pentafluorobenzene	5.550	168	77442	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	131033	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	52629	45.681	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.360%
35) Dibromofluoromethane	5.385	113	42685	46.647	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.300%
50) Toluene-d8	8.647	98	157428	45.992	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.980%#
62) 4-Bromofluorobenzene	11.079	95	62179	44.540	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.080%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	29187	35.543	ug/l	96
11) Tert butyl alcohol	2.959	59	74	0.330	ug/l	# 78
12) 1,1-Dichloroethene	2.319	96	215	0.272	ug/l	# 43
16) Acetone	2.379	43	287	0.607	ug/l	# 47
20) Methylene Chloride	2.782	84	239	Below Cal	#	32
31) Cyclohexane	5.544	56	1873	1.363	ug/l	# 47
36) 1,1-Dichloropropene	5.550	75	6674	5.207	ug/l	# 49
38) Carbon Tetrachloride	5.556	117	7784	6.387	ug/l	# 17
44) Trichloroethene	7.129	130	4534	4.585	ug/l	80
51) 4-Methyl-2-Pentanone	8.647	43	783	0.515	ug/l	# 1
60) Dibromochloromethane	9.268	129	2980	2.921	ug/l	# 11
64) Tetrachloroethene	9.268	164	3092	3.467	ug/l	90
76) 1,2,3-Trichloropropane	11.079	75	33534	25.645	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	33534	70.452	ug/l	# 5

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

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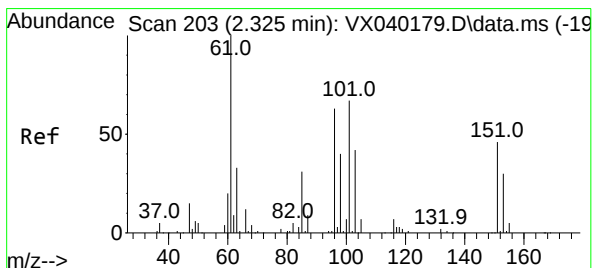
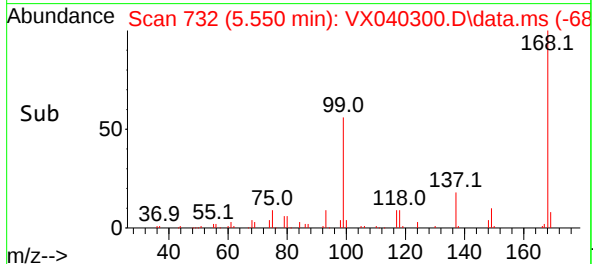
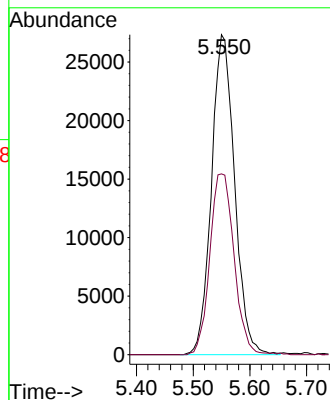
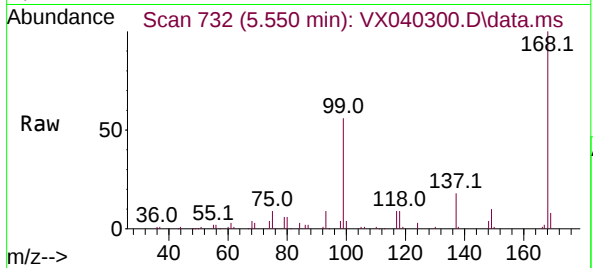




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040300.D
Acq: 17 Feb 2024 14:24

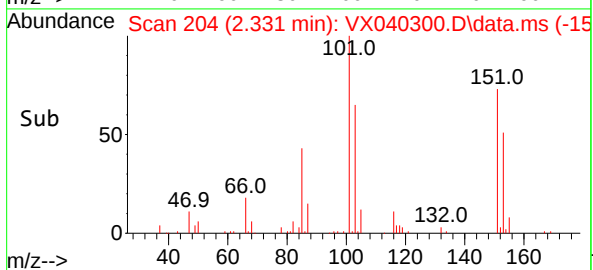
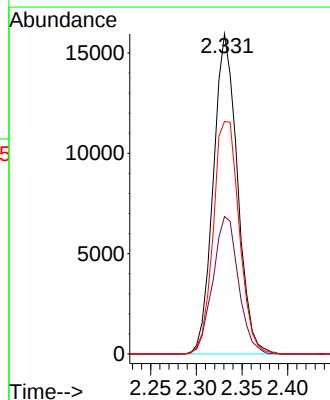
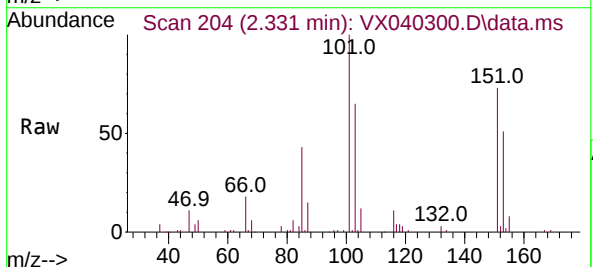
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20240212DL

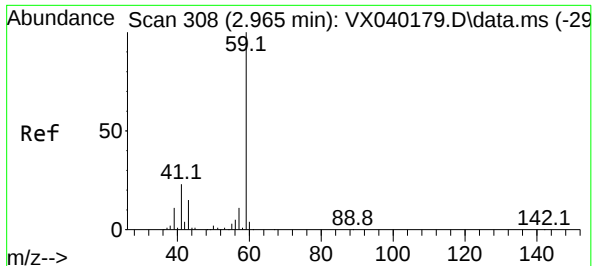
Tgt Ion:168 Resp: 77442
Ion Ratio Lower Upper
168 100
99 56.5 56.6 85.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 35.543 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX040300.D
Acq: 17 Feb 2024 14:24

Tgt Ion:101 Resp: 29187
Ion Ratio Lower Upper
101 100
85 45.6 37.0 55.6
151 78.4 58.6 87.8





#11

Tert butyl alcohol

Concen: 0.330 ug/l

RT: 2.959 min Scan# 308

Delta R.T. -0.006 min

Lab File: VX040300.D

Acq: 17 Feb 2024 14:24

Instrument :

MSVOA_X

ClientSampleId :

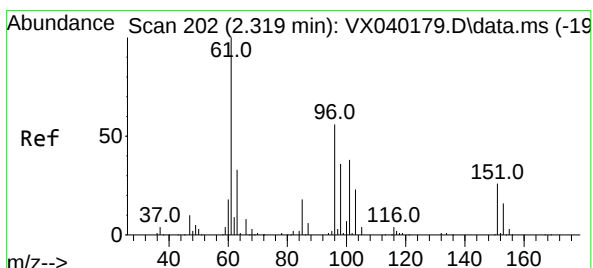
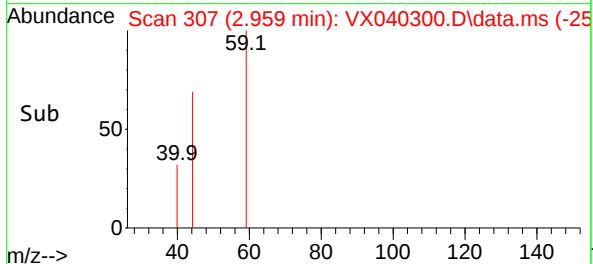
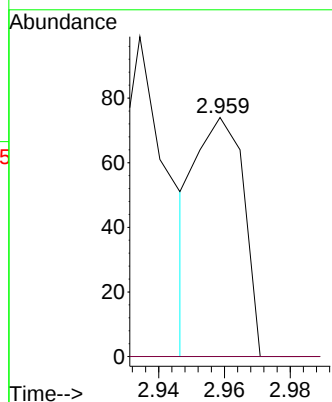
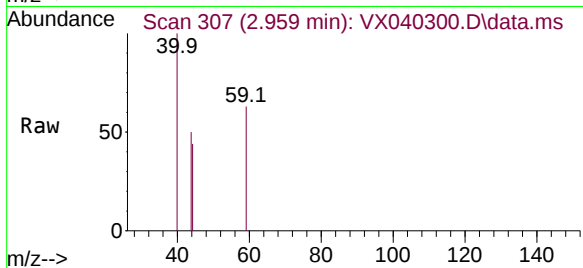
RE134D4-20240212DL

Tgt Ion: 59 Resp: 74

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 0.272 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX040300.D

Acq: 17 Feb 2024 14:24

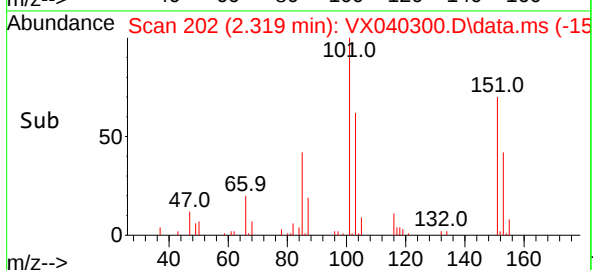
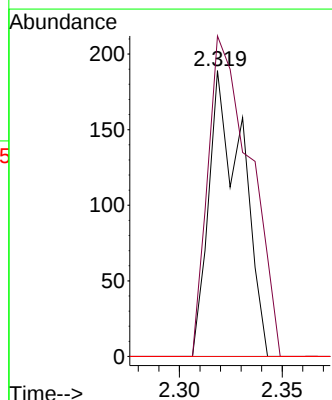
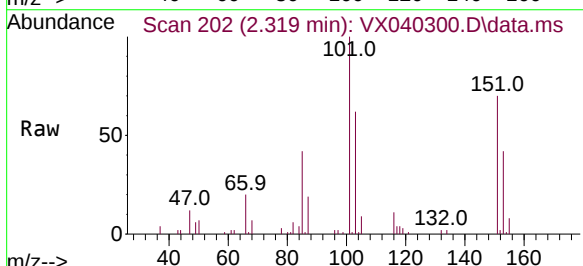
Tgt Ion: 96 Resp: 215

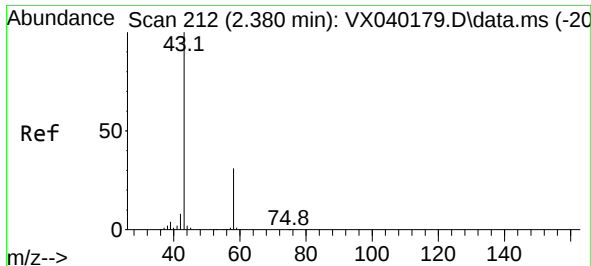
Ion Ratio Lower Upper

96 100

61 112.2 144.6 216.8#

98 0.0 50.4 75.6#





#16

Acetone

Concen: 0.607 ug/l

RT: 2.379 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX040300.D

Acq: 17 Feb 2024 14:24

Instrument :

MSVOA_X

ClientSampleId :

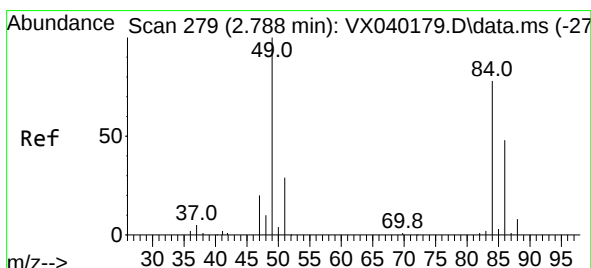
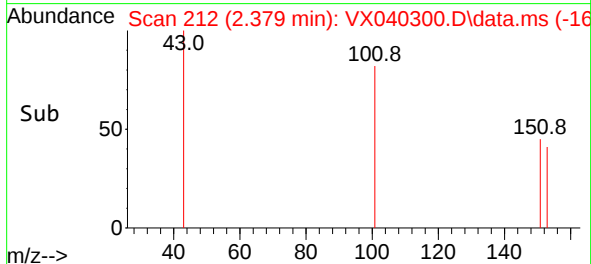
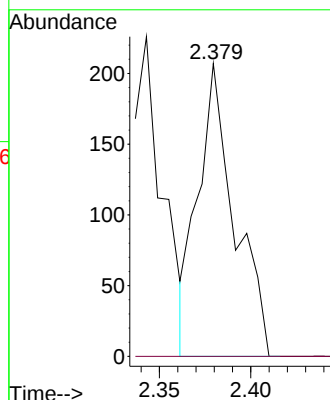
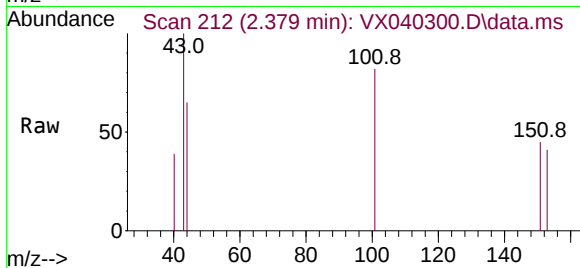
RE134D4-20240212DL

Tgt Ion: 43 Resp: 287

Ion Ratio Lower Upper

43 100

58 0.0 21.9 32.9#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX040300.D

Acq: 17 Feb 2024 14:24

Tgt Ion: 84 Resp: 239

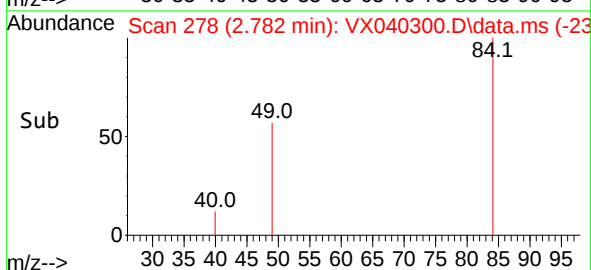
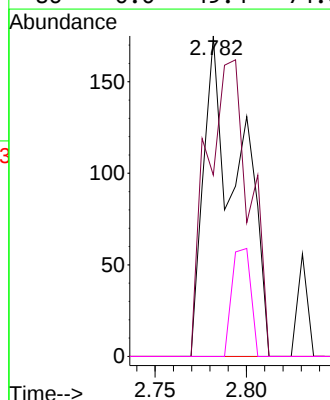
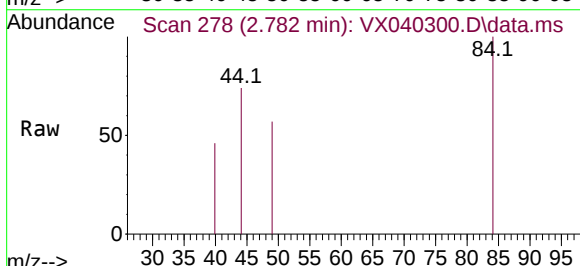
Ion Ratio Lower Upper

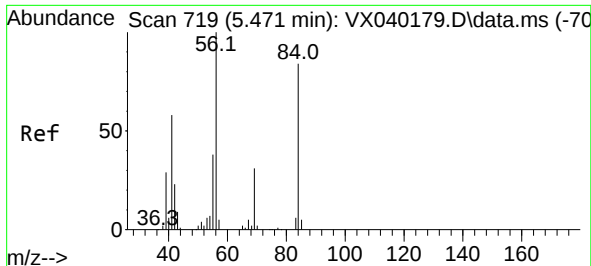
84 100

49 56.6 103.6 155.4#

51 0.0 33.8 50.6#

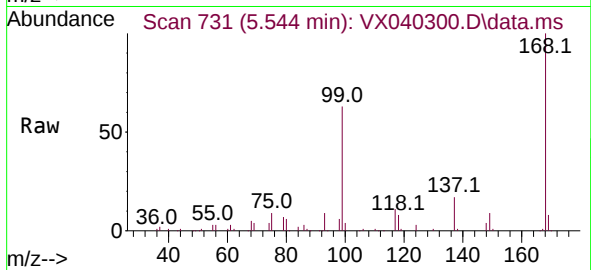
86 0.0 49.4 74.0#



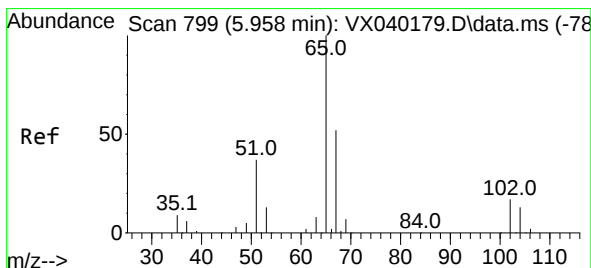
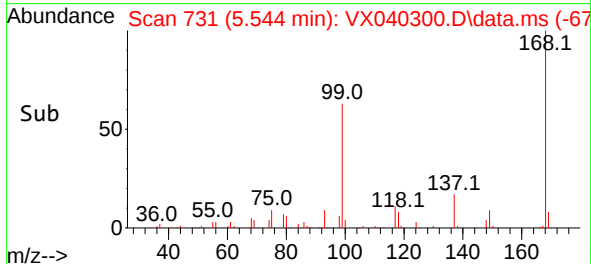
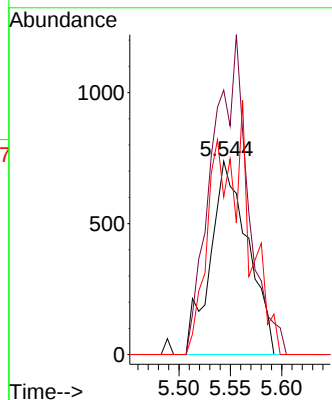


#31
Cyclohexane
Concen: 1.363 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX040300.D
Acq: 17 Feb 2024 14:24

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20240212DL

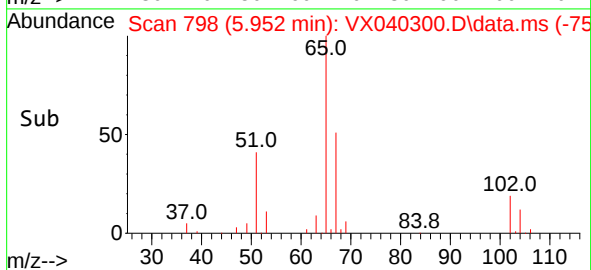
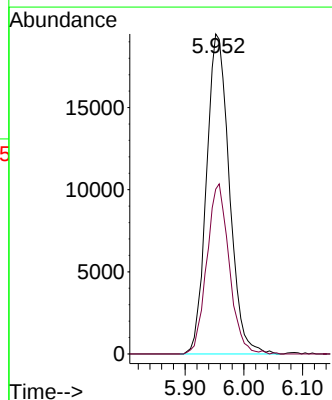
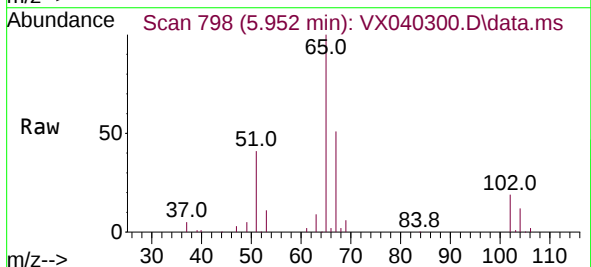


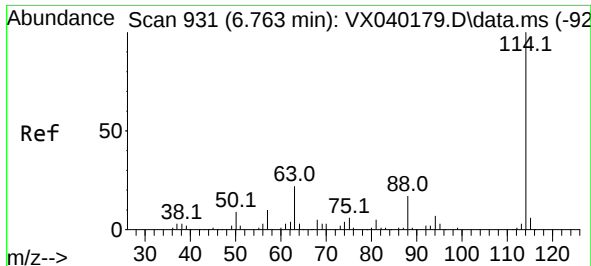
Tgt Ion: 56 Resp: 1873
Ion Ratio Lower Upper
56 100
69 136.9 23.4 35.2#
84 81.4 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 45.681 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX040300.D
Acq: 17 Feb 2024 14:24

Tgt Ion: 65 Resp: 52629
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2

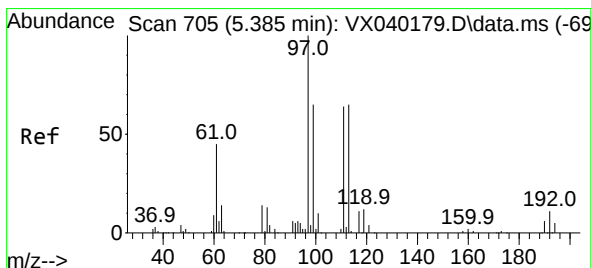
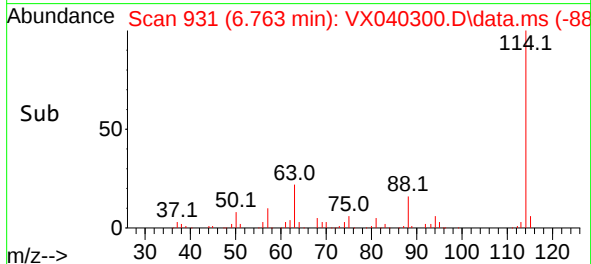
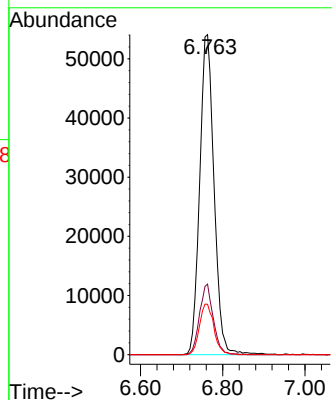
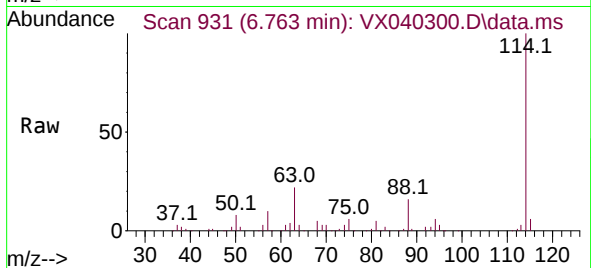




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX040300.D
Acq: 17 Feb 2024 14:24

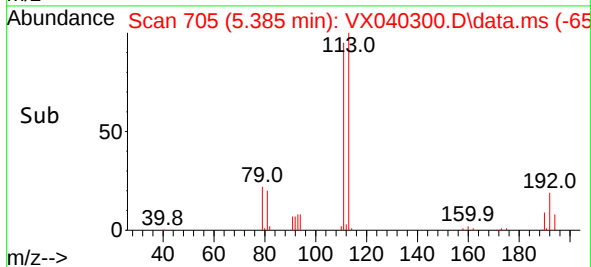
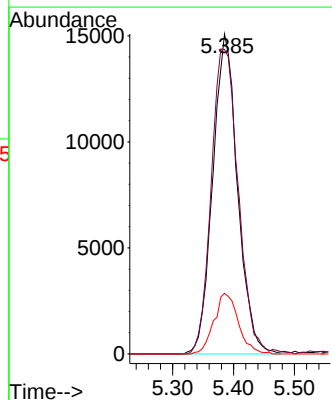
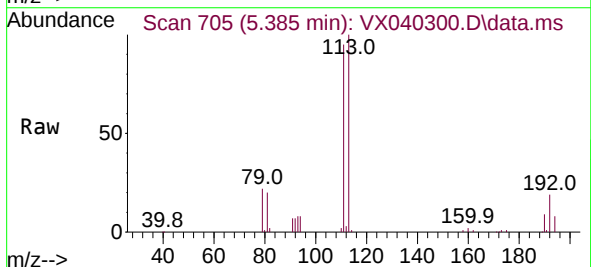
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20240212DL

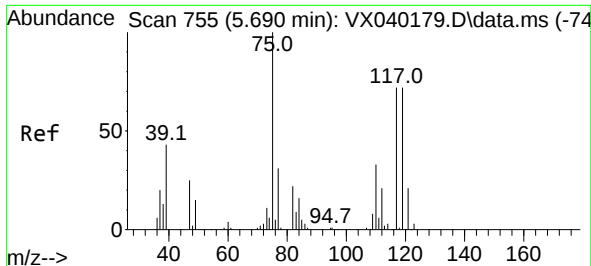
Tgt Ion:114 Resp: 131033
Ion Ratio Lower Upper
114 100
63 22.1 0.0 45.0
88 15.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.647 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040300.D
Acq: 17 Feb 2024 14:24

Tgt Ion:113 Resp: 42685
Ion Ratio Lower Upper
113 100
111 104.0 82.9 124.3
192 18.6 13.3 19.9

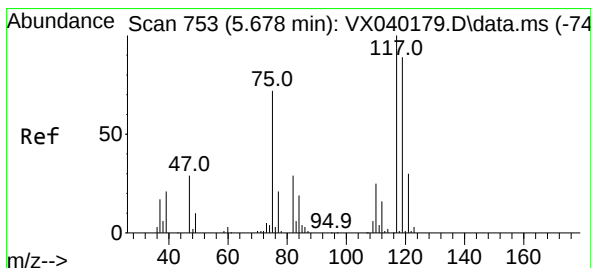
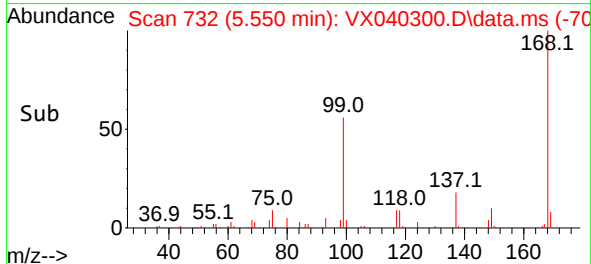
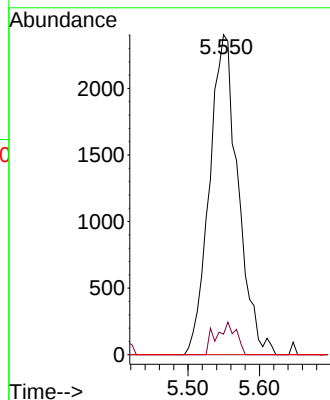
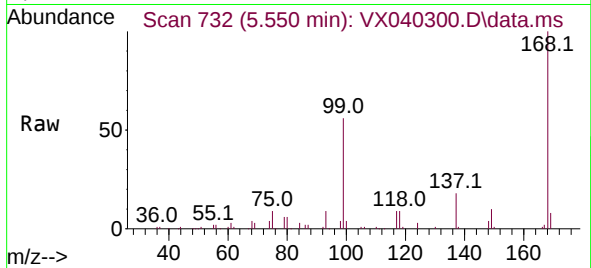




#36
1,1-Dichloropropene
Concen: 5.207 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX040300.D
Acq: 17 Feb 2024 14:24

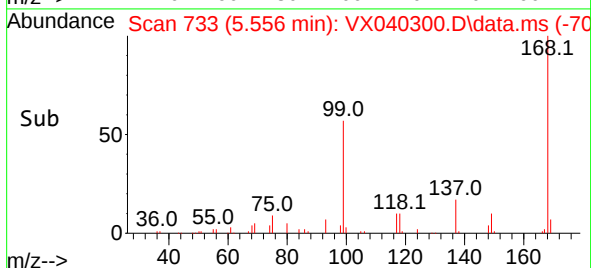
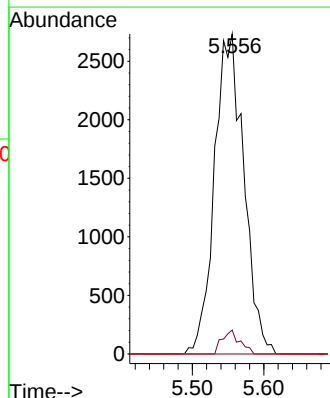
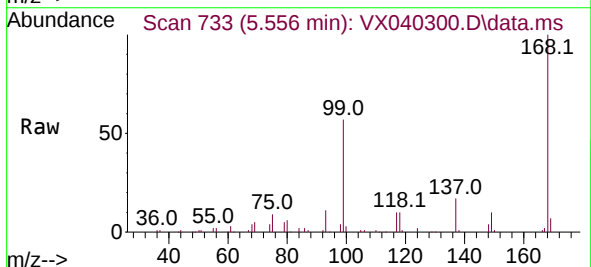
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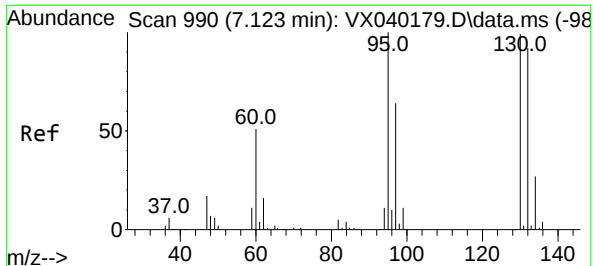
Tgt Ion: 75 Resp: 6674
Ion Ratio Lower Upper
75 100
110 7.1 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.387 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX040300.D
Acq: 17 Feb 2024 14:24

Tgt Ion: 117 Resp: 7784
Ion Ratio Lower Upper
117 100
119 7.5 78.2 117.2#
121 0.0 24.4 36.6#

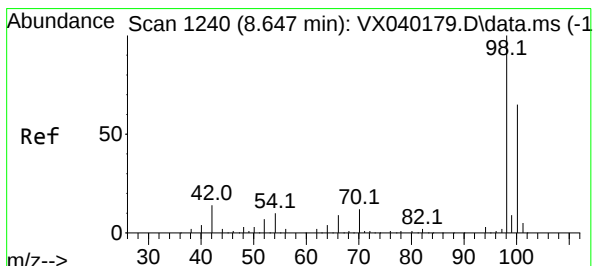
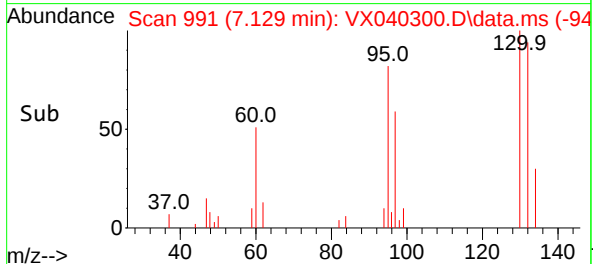
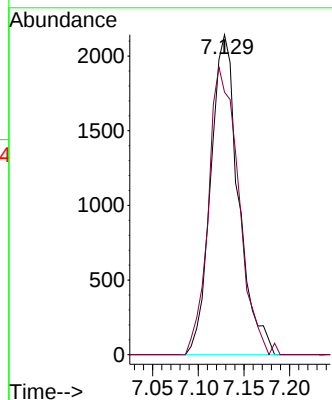
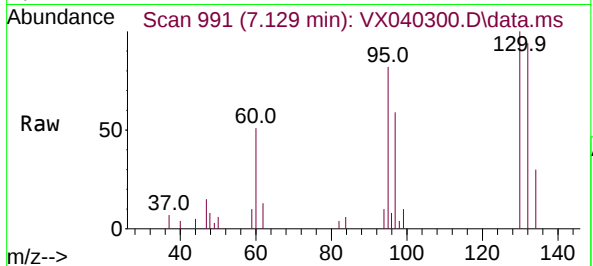




#44
Trichloroethene
Concen: 4.585 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX040300.D
Acq: 17 Feb 2024 14:24

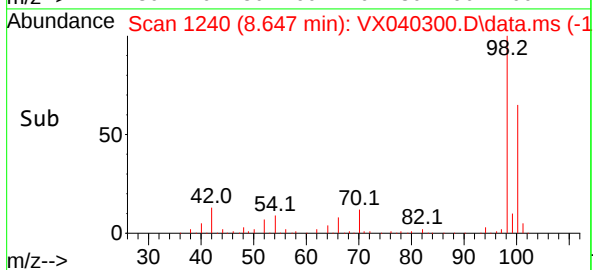
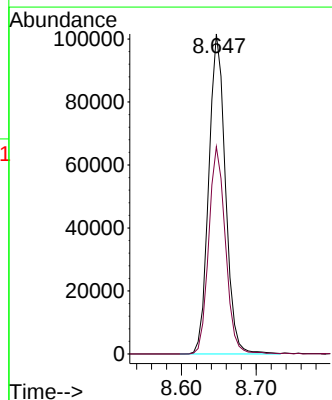
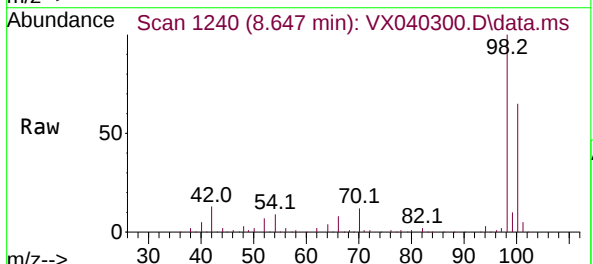
Instrument :
MSVOA_X
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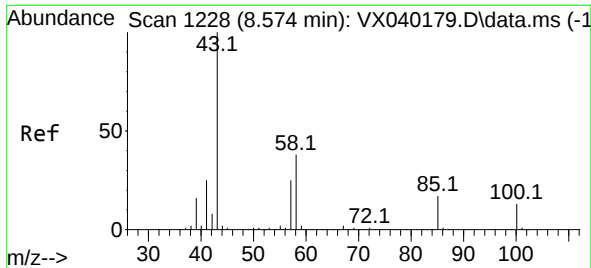
Tgt Ion:130 Resp: 4534
Ion Ratio Lower Upper
130 100
95 82.0 0.0 204.4



#50
Toluene-d8
Concen: 45.992 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040300.D
Acq: 17 Feb 2024 14:24

Tgt Ion: 98 Resp: 157428
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7

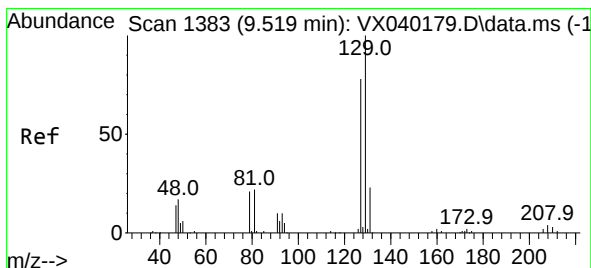
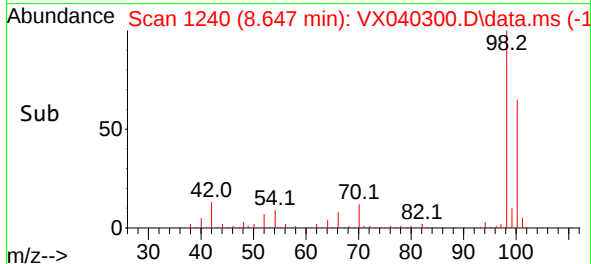
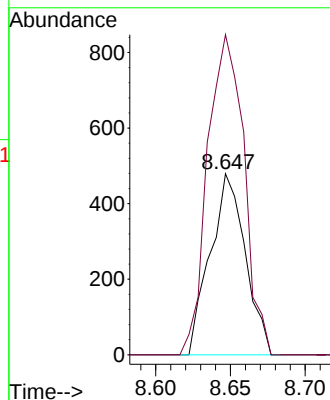
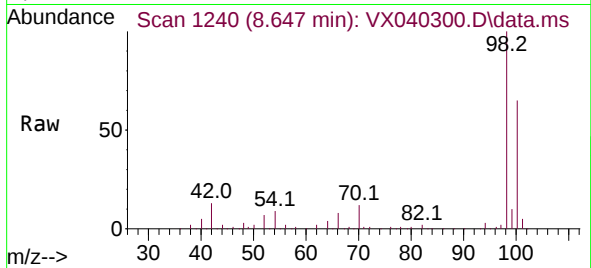




#51
4-Methyl-2-Pentanone
Concen: 0.515 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX040300.D
Acq: 17 Feb 2024 14:24

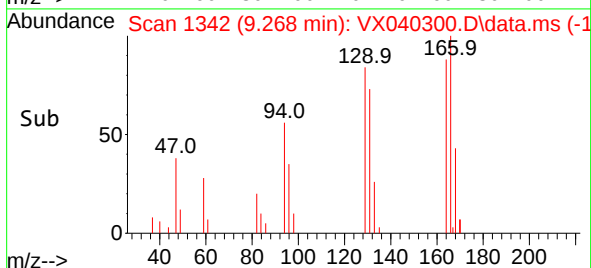
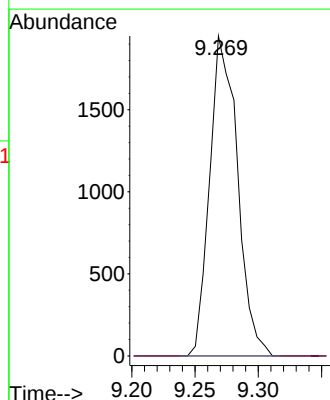
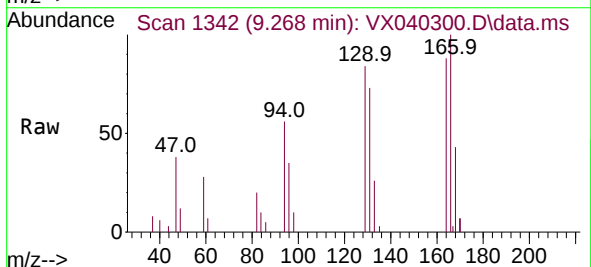
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20240212DL

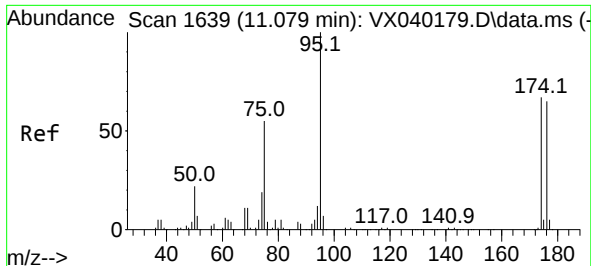
Tgt Ion: 43 Resp: 783
Ion Ratio Lower Upper
43 100
58 182.8 30.4 45.6#



#60
Dibromochloromethane
Concen: 2.921 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.250 min
Lab File: VX040300.D
Acq: 17 Feb 2024 14:24

Tgt Ion: 129 Resp: 2980
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

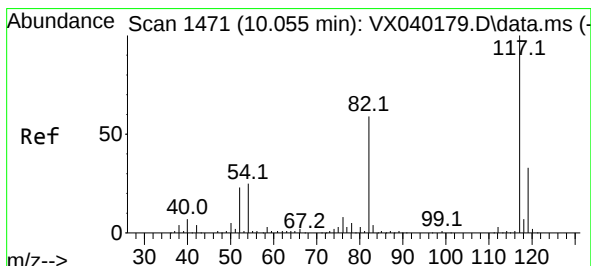
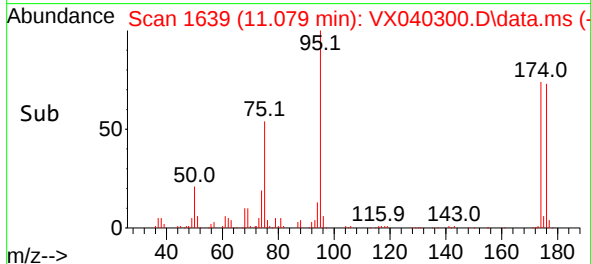
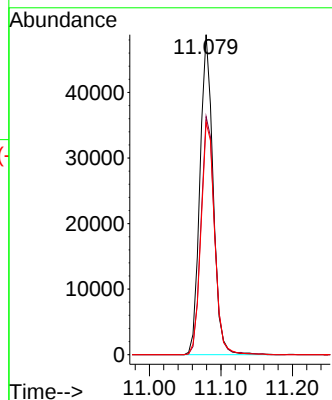
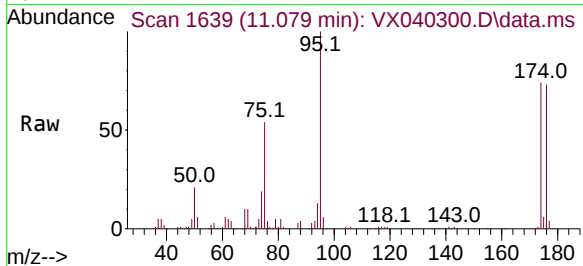




#62
4-Bromofluorobenzene
Concen: 44.540 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040300.D
Acq: 17 Feb 2024 14:24

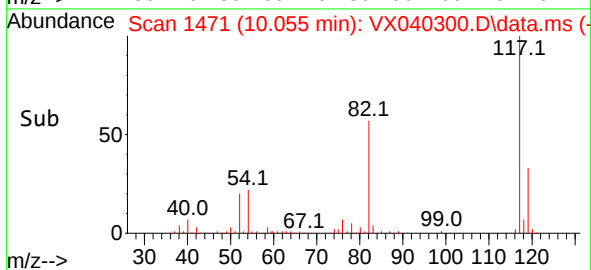
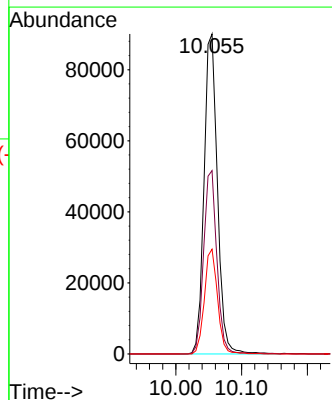
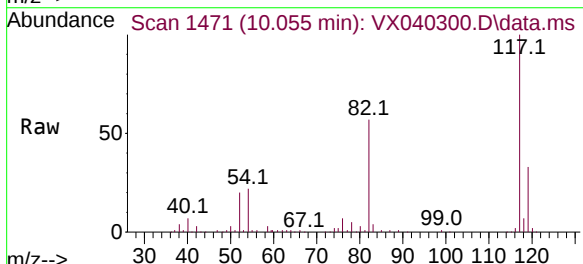
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20240212DL

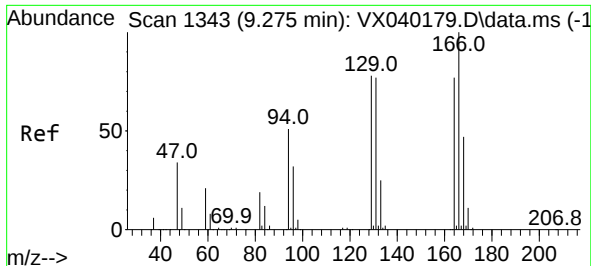
Tgt Ion: 95 Resp: 62179
Ion Ratio Lower Upper
95 100
174 76.8 0.0 135.6
176 75.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040300.D
Acq: 17 Feb 2024 14:24

Tgt Ion: 117 Resp: 127276
Ion Ratio Lower Upper
117 100
82 57.3 46.2 69.4
119 32.7 25.5 38.3

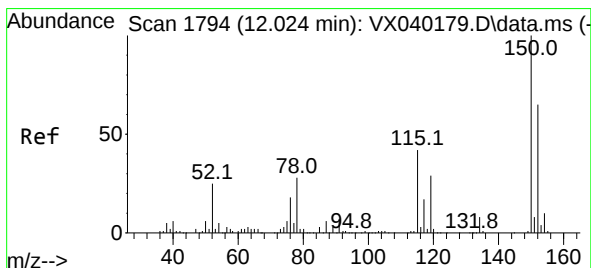
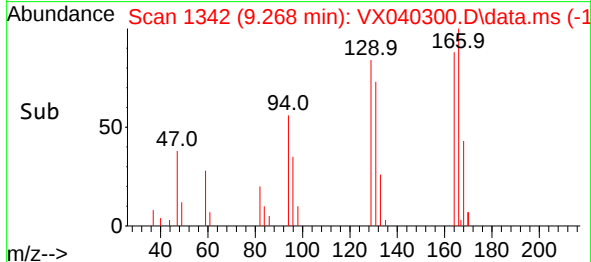
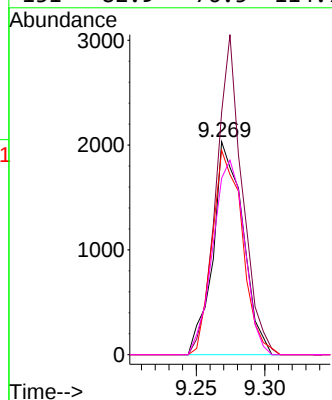
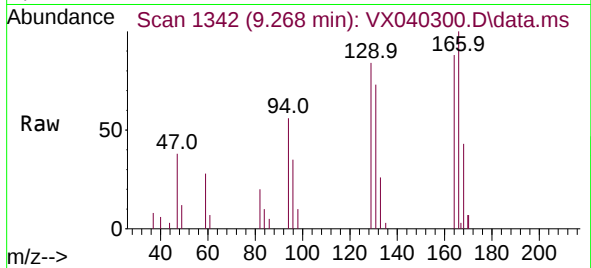




#64
Tetrachloroethene
Concen: 3.467 ug/l
RT: 9.268 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040300.D
Acq: 17 Feb 2024 14:24

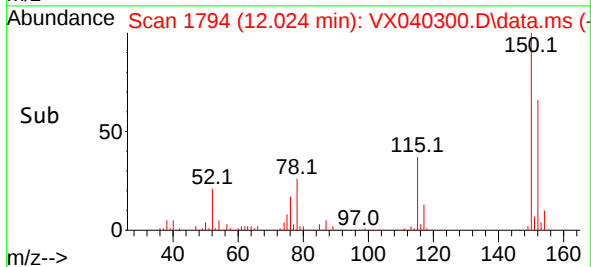
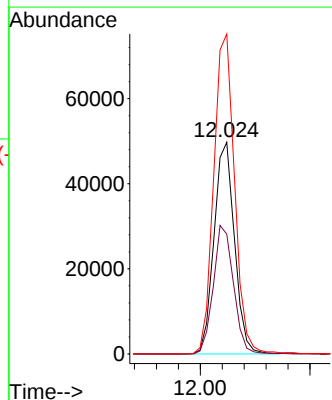
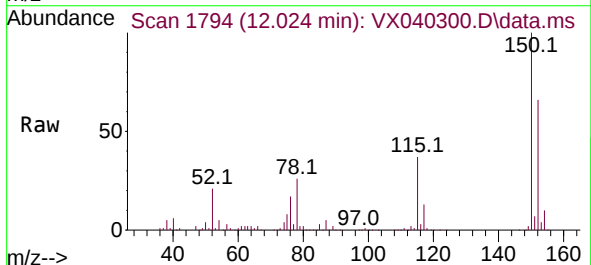
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20240212DL

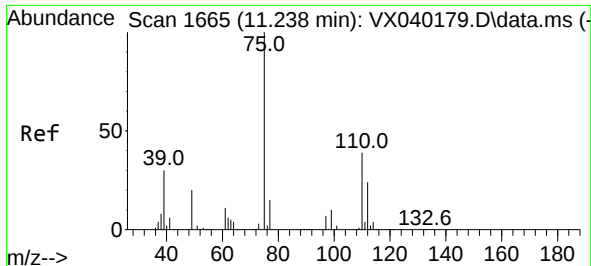
Tgt Ion:164	Resp:	3092
Ion	Ratio	Lower Upper
164	100	
166	113.9	102.7 154.1
129	96.0	80.4 120.6
131	82.9	76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX040300.D
Acq: 17 Feb 2024 14:24

Tgt Ion:152	Resp:	64572
Ion	Ratio	Lower Upper
152	100	
115	59.8	43.3 129.9
150	154.0	0.0 345.0

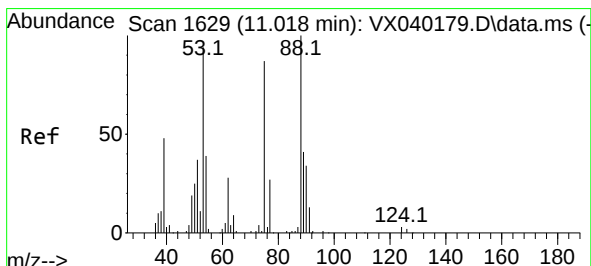
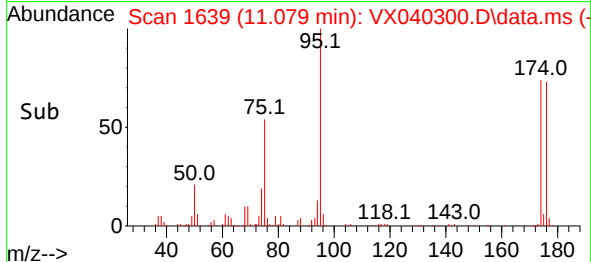
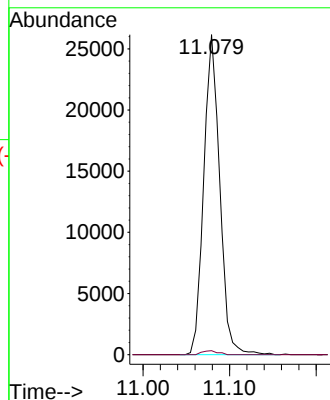
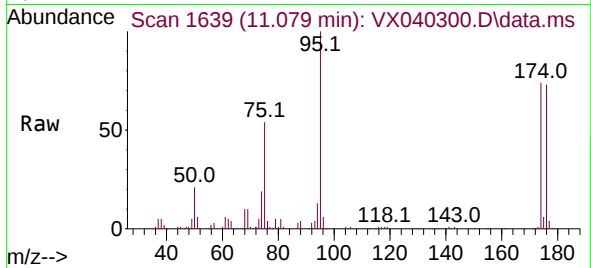




#76
1,2,3-Trichloropropane
Concen: 25.645 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX040300.D
Acq: 17 Feb 2024 14:24

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20240212DL

Tgt Ion: 75 Resp: 33534
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.452 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040300.D
Acq: 17 Feb 2024 14:24

Tgt Ion: 75 Resp: 33534
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

