

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120621\
 Data File : VX025542.D
 Acq On : 06 Dec 2021 12:34
 Operator : JC/MD
 Sample : M4924-06DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE108D2-20211202DL

Quant Time: Dec 07 05:57:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	105550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	173966	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	153899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68083	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60891	54.730	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.460%	
35) Dibromofluoromethane	5.391	113	53315	49.949	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.900%	
50) Toluene-d8	8.653	98	200106	49.861	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.720%	
62) 4-Bromofluorobenzene	11.085	95	68418	45.063	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.120%	

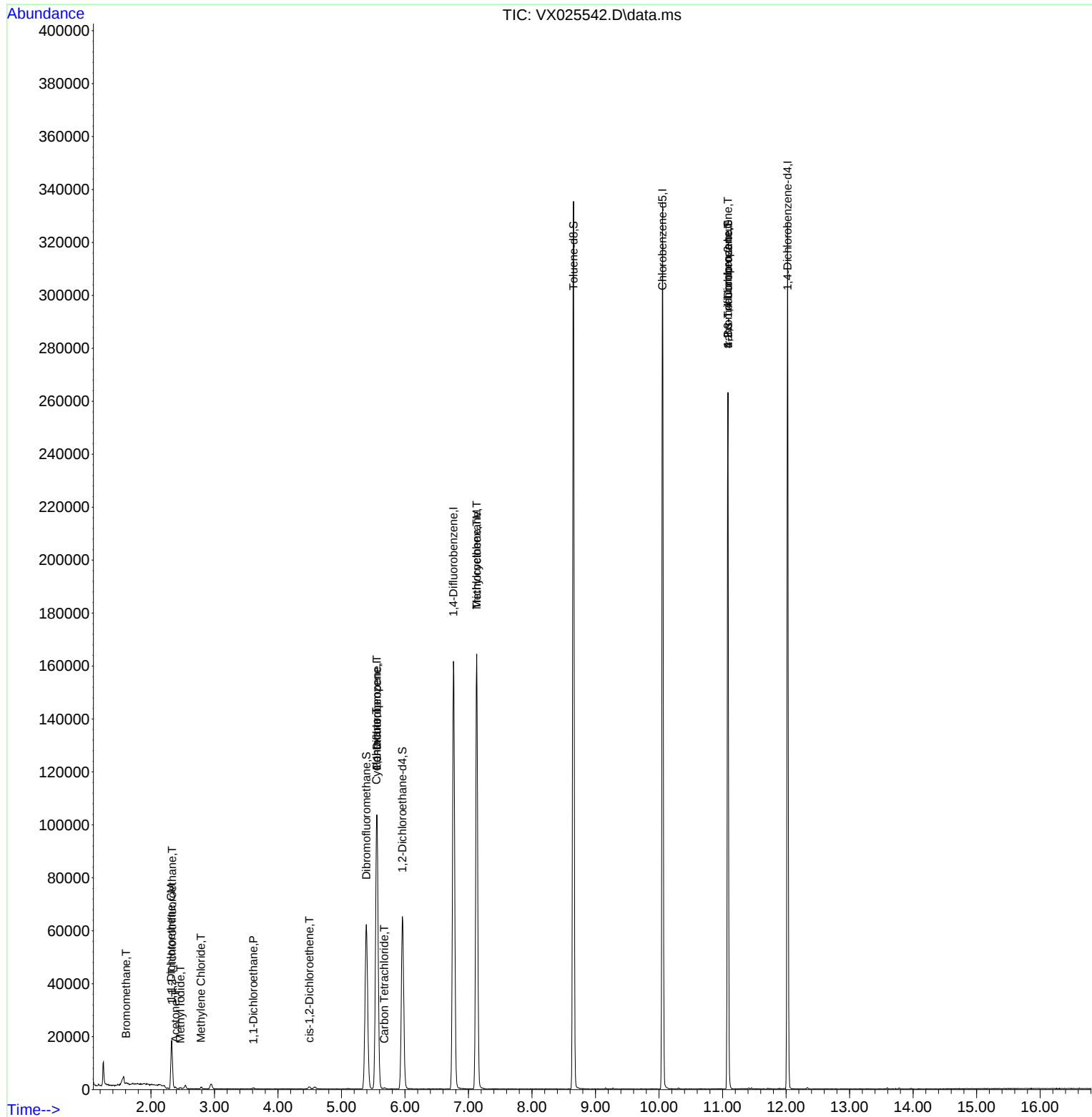
Target Compounds			Qvalue			
5) Bromomethane	1.605	94	273	0.511	ug/l #	71
9) 1,1,2-Trichlorotrifluo...	2.331	101	4165	4.240	ug/l	99
10) Methyl Iodide	2.465	142	543	0.442	ug/l #	78
11) Tert butyl alcohol	2.946	59	1223	Below Cal	#	72
12) 1,1-Dichloroethene	2.319	96	3100	3.169	ug/l	90
16) Acetone	2.386	43	662	1.071	ug/l	89
20) Methylene Chloride	2.788	84	352	0.303	ug/l #	76
24) 1,1-Dichloroethane	3.611	63	543	0.295	ug/l #	83
27) cis-1,2-Dichloroethene	4.495	96	631	0.504	ug/l	91
31) Cyclohexane	5.550	56	1896	1.103	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	7146	4.708	ug/l #	50
38) Carbon Tetrachloride	5.672	117	497	0.297	ug/l #	69
39) Methylcyclohexane	7.129	83	739	0.380	ug/l #	1
44) Trichloroethene	7.129	130	65566	49.089	ug/l	93
76) 1,2,3-Trichloropropane	11.085	75	33599	24.099	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	33599	60.710	ug/l #	9
95) Naphthalene	13.780	128	431	Below Cal	#	69

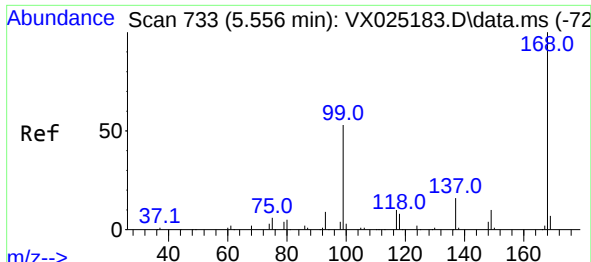
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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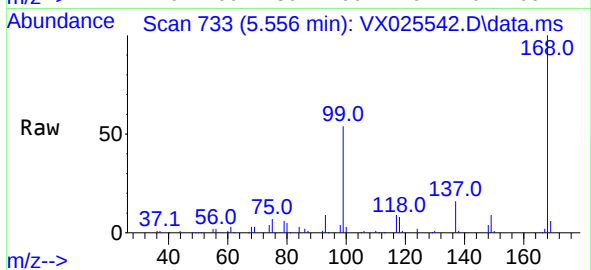
Quant Time: Dec 07 05:57:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
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Response via : Initial Calibration



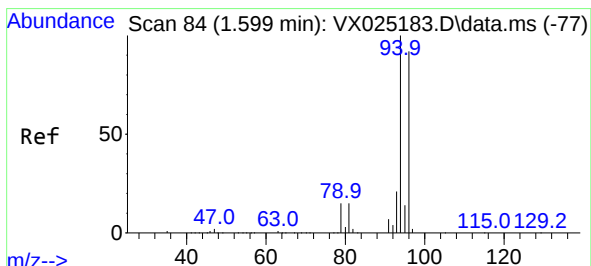
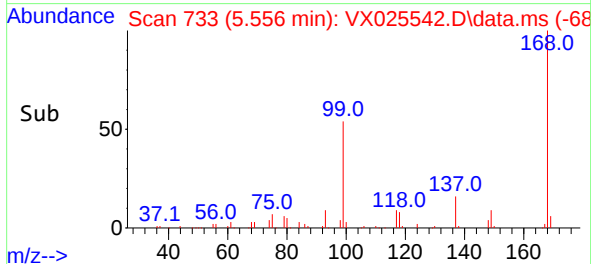
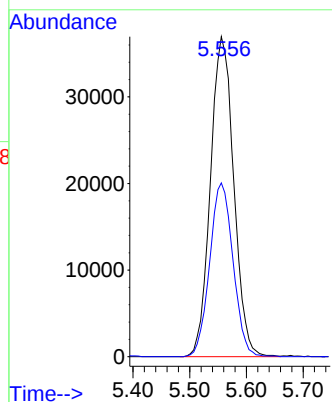


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025542.D
Acq: 06 Dec 2021 12:34

Instrument :
MSVOA_X
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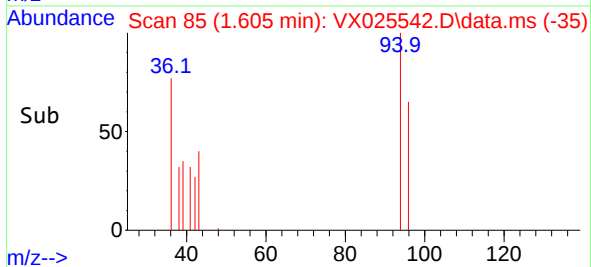
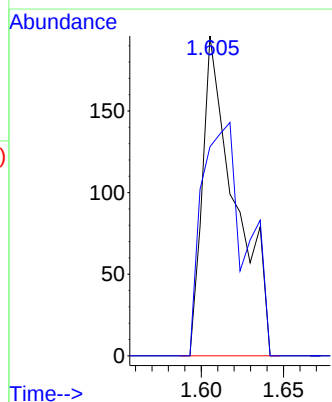
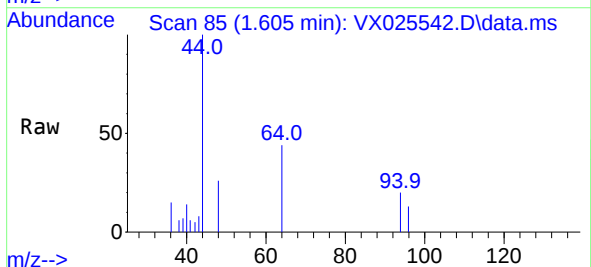


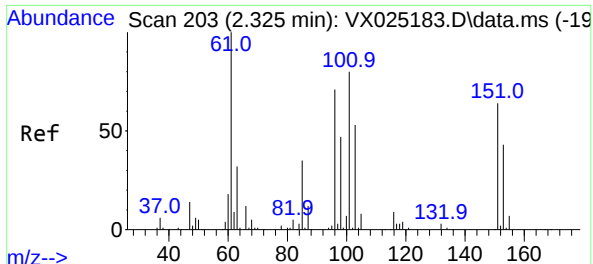
Tgt Ion:168 Resp: 105550
Ion Ratio Lower Upper
168 100
99 54.3 46.4 69.6



#5
Bromomethane
Concen: 0.511 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX025542.D
Acq: 06 Dec 2021 12:34

Tgt Ion: 94 Resp: 273
Ion Ratio Lower Upper
94 100
96 65.3 74.8 112.2#

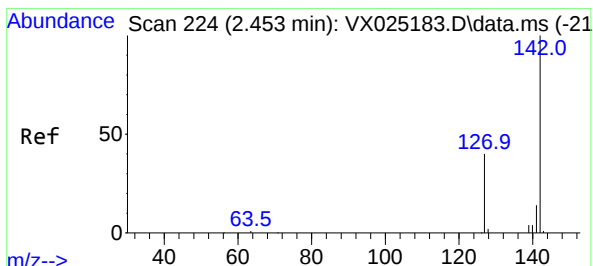
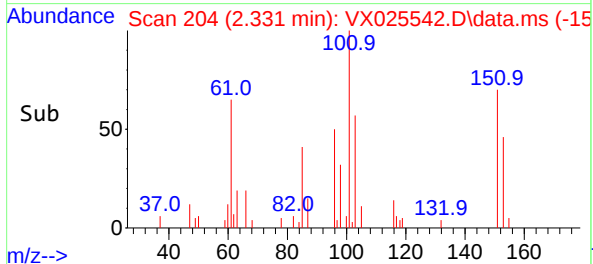
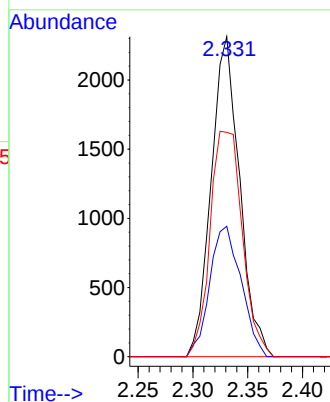
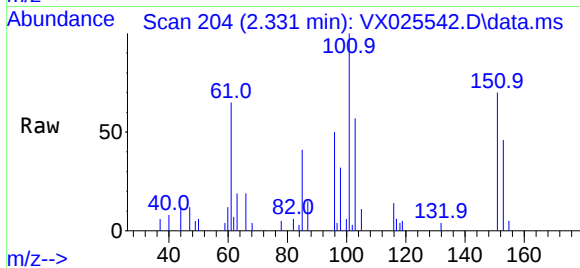




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.240 ug/l
RT: 2.331 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX025542.D
Acq: 06 Dec 2021 12:34

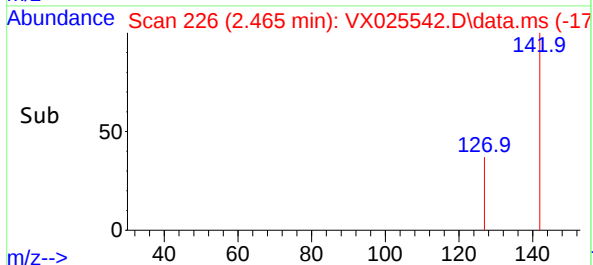
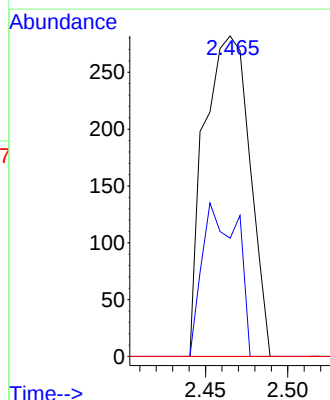
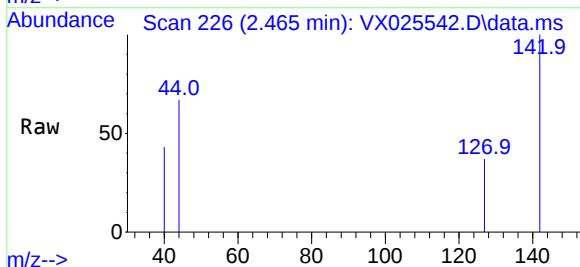
Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20211202DL

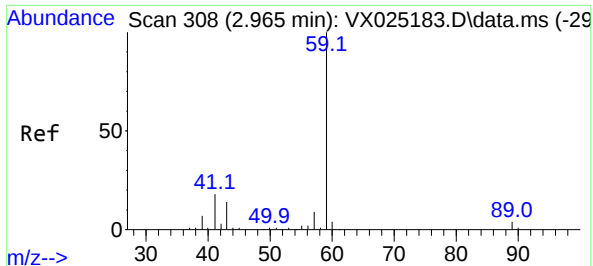
Tgt Ion:	101	Resp:	4165
Ion	Ratio	Lower	Upper
101	100		
85	45.1	35.9	53.9
151	79.9	64.4	96.6



#10
Methyl Iodide
Concen: 0.442 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX025542.D
Acq: 06 Dec 2021 12:34

Tgt Ion:	142	Resp:	543
Ion	Ratio	Lower	Upper
142	100		
127	36.8	38.9	58.3#
141	0.0	11.7	17.5#

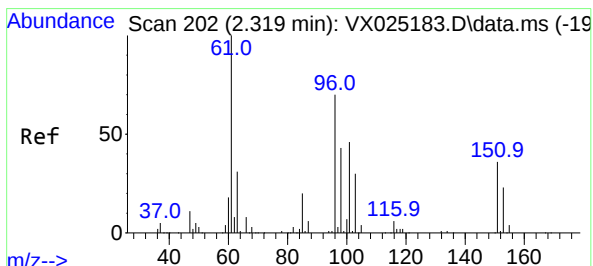
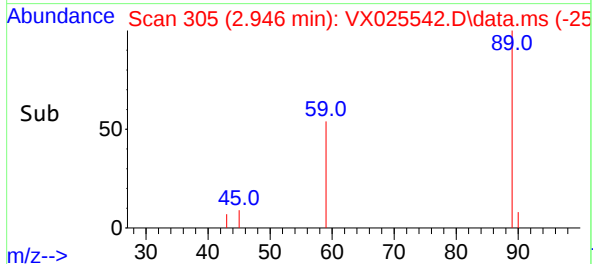
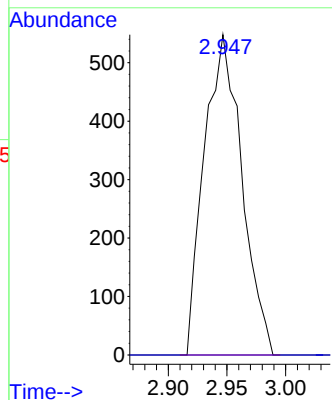
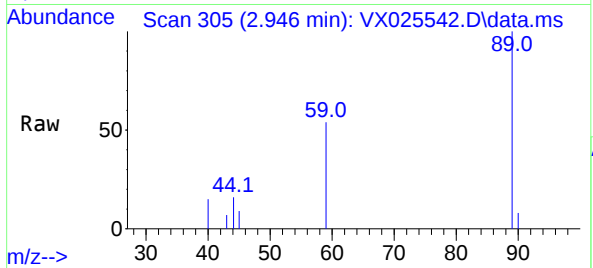




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX025542.D
Acq: 06 Dec 2021 12:34

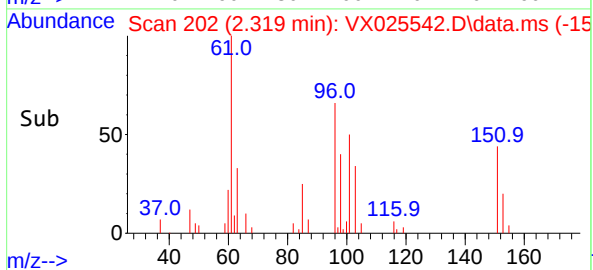
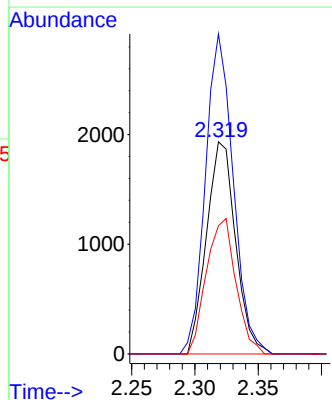
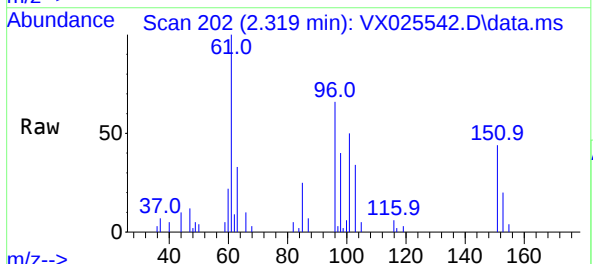
Instrument :
MSVOA_X
ClientSampleId :
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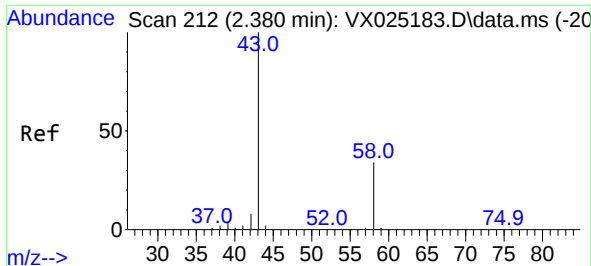
Tgt Ion: 59 Resp: 1223
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#12
1,1-Dichloroethene
Concen: 3.169 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX025542.D
Acq: 06 Dec 2021 12:34

Tgt Ion: 96 Resp: 3100
Ion Ratio Lower Upper
96 100
61 150.9 134.1 201.1
98 60.4 51.5 77.3

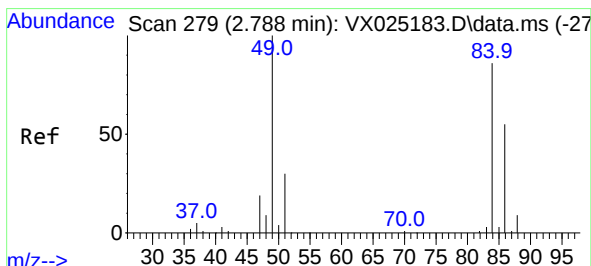
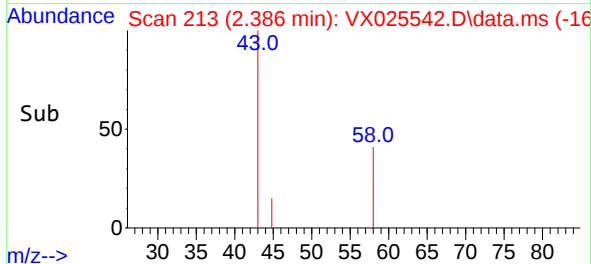
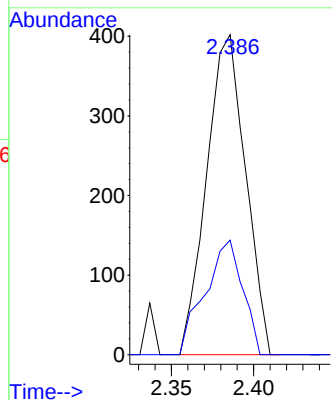
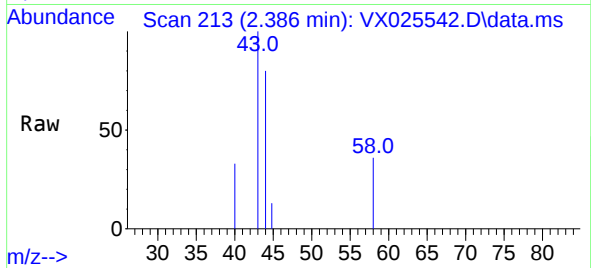




#16
Acetone
Concen: 1.071 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX025542.D
Acq: 06 Dec 2021 12:34

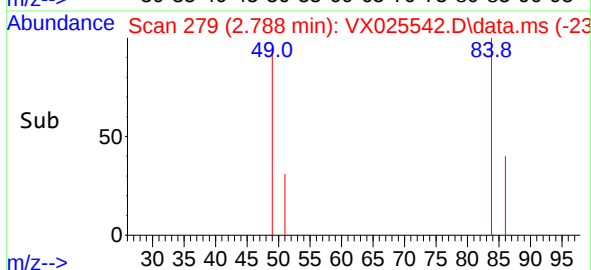
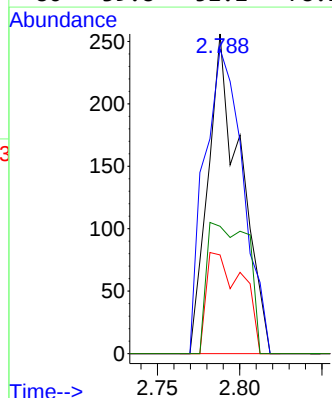
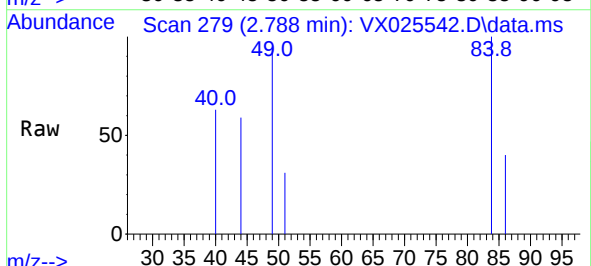
Instrument :
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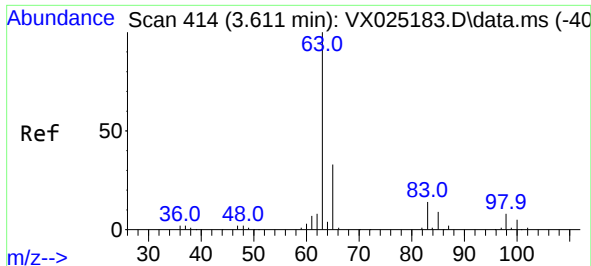
Tgt Ion: 43 Resp: 662
Ion Ratio Lower Upper
43 100
58 35.8 24.0 36.0



#20
Methylene Chloride
Concen: 0.303 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX025542.D
Acq: 06 Dec 2021 12:34

Tgt Ion: 84 Resp: 352
Ion Ratio Lower Upper
84 100
49 95.3 98.2 147.2#
51 30.9 30.2 45.4
86 39.8 52.2 78.2#

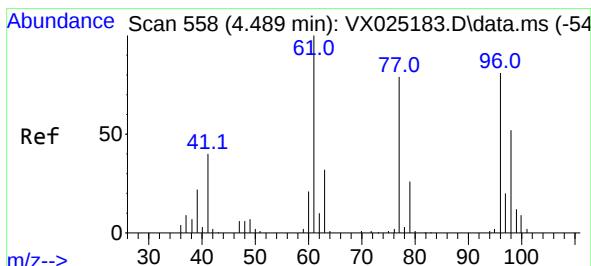
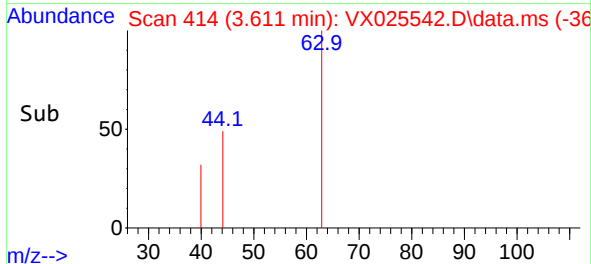
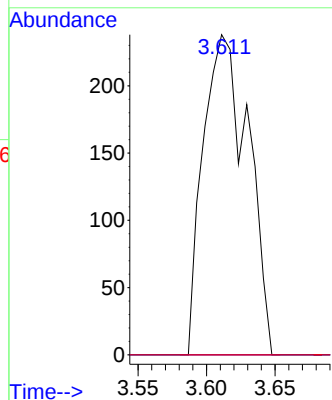
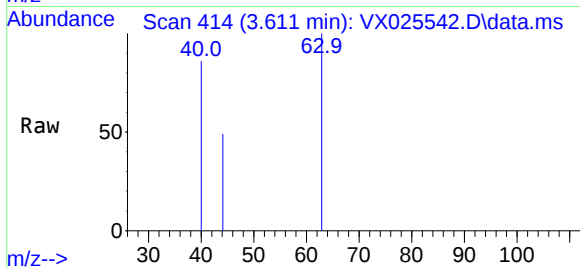




#24
1,1-Dichloroethane
Concen: 0.295 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX025542.D
Acq: 06 Dec 2021 12:34

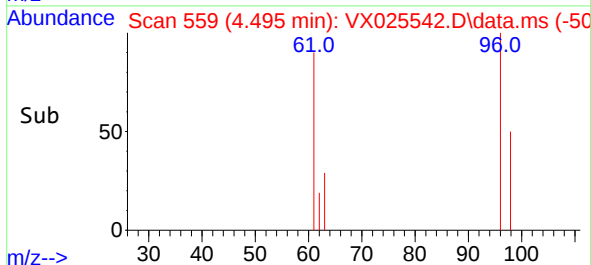
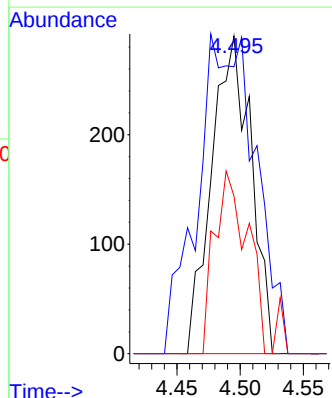
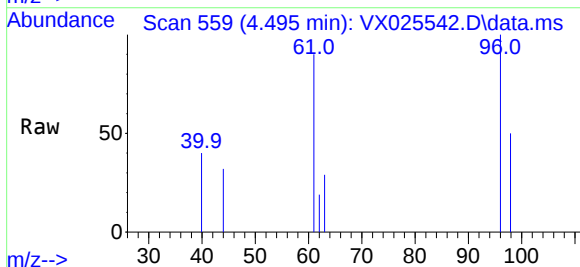
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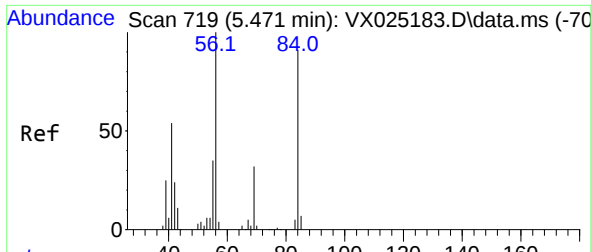
Tgt Ion: 63 Resp: 543
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.9#
100 0.0 2.1 6.2#



#27
cis-1,2-Dichloroethene
Concen: 0.504 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX025542.D
Acq: 06 Dec 2021 12:34

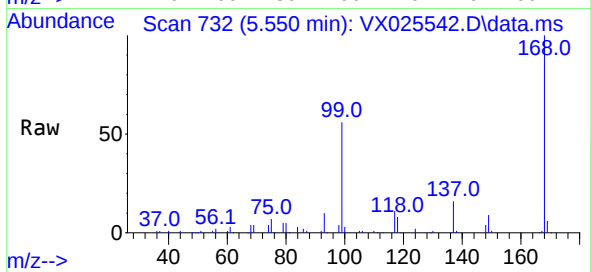
Tgt Ion: 96 Resp: 631
Ion Ratio Lower Upper
96 100
61 146.8 0.0 302.2
98 48.3 0.0 131.4



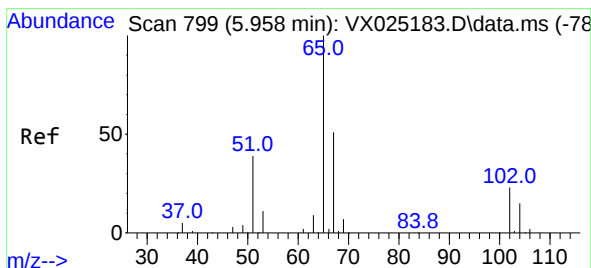
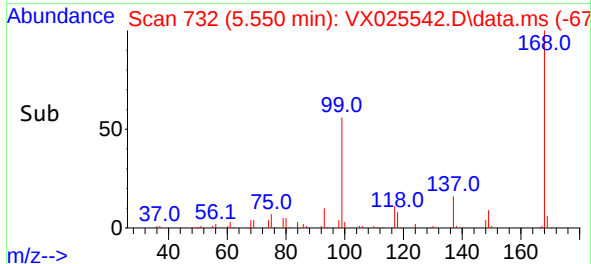
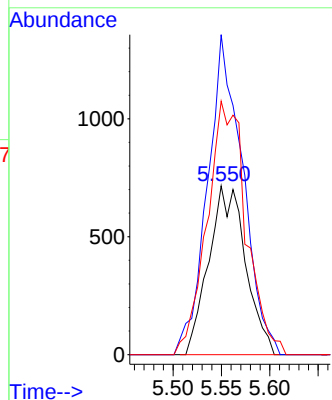


#31
Cyclohexane
Concen: 1.103 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX025542.D
Acq: 06 Dec 2021 12:34

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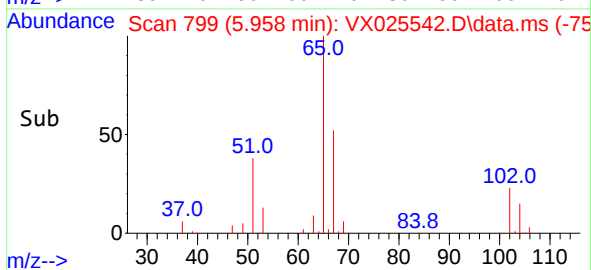
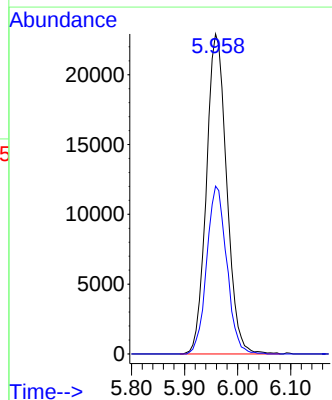
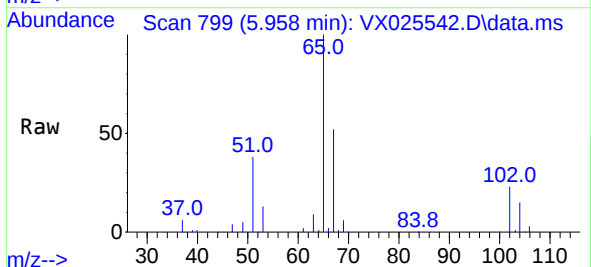


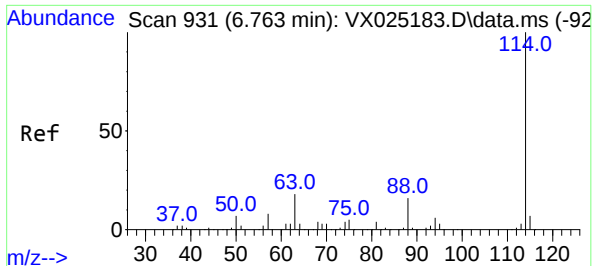
Tgt Ion: 56 Resp: 1896
Ion Ratio Lower Upper
56 100
69 189.5 24.2 36.2#
84 142.7 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 54.730 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025542.D
Acq: 06 Dec 2021 12:34

Tgt Ion: 65 Resp: 60891
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX025542.D

Acq: 06 Dec 2021 12:34

Instrument :

MSVOA_X

ClientSampleId :

RE108D2-20211202DL

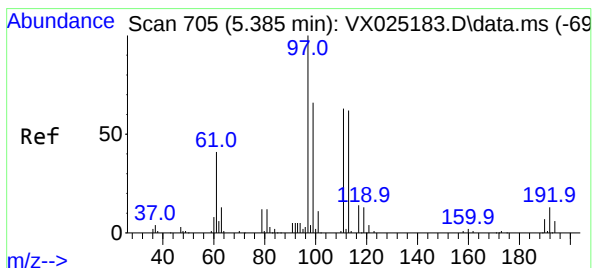
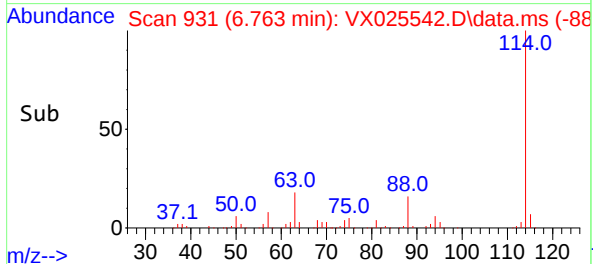
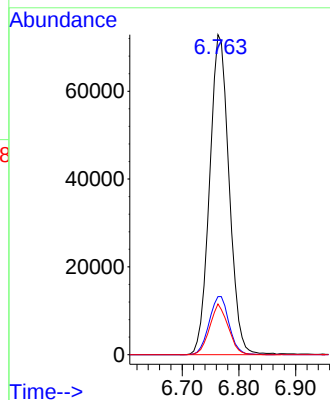
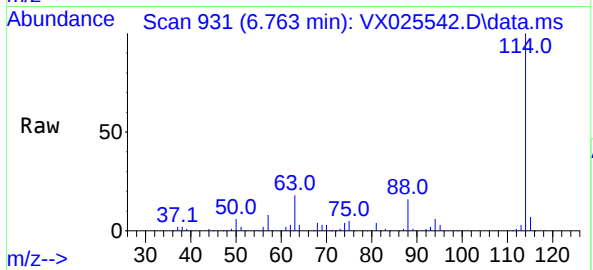
Tgt Ion:114 Resp: 173966

Ion Ratio Lower Upper

114 100

63 18.2 0.0 41.0

88 15.9 0.0 34.8



#35

Dibromofluoromethane

Concen: 49.949 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX025542.D

Acq: 06 Dec 2021 12:34

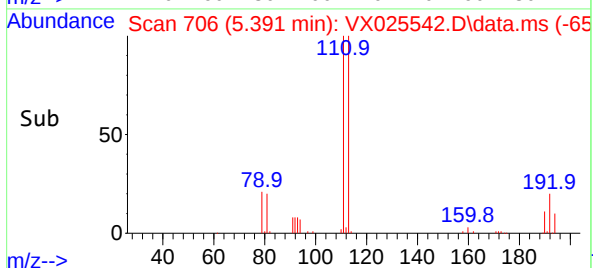
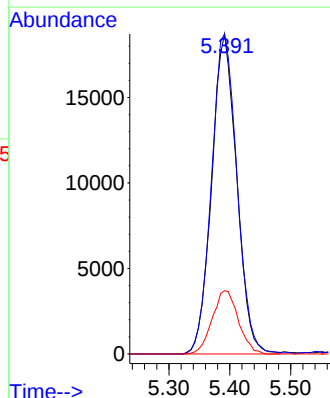
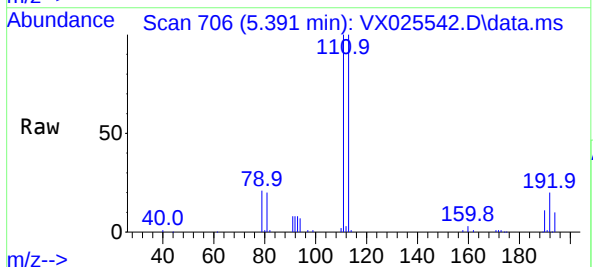
Tgt Ion:113 Resp: 53315

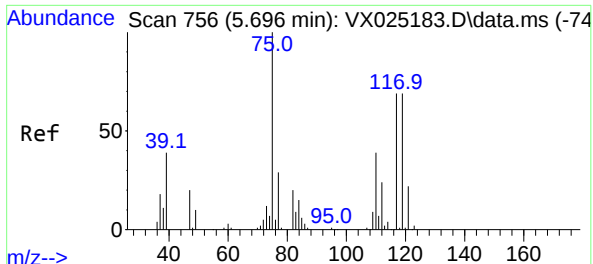
Ion Ratio Lower Upper

113 100

111 102.1 82.1 123.1

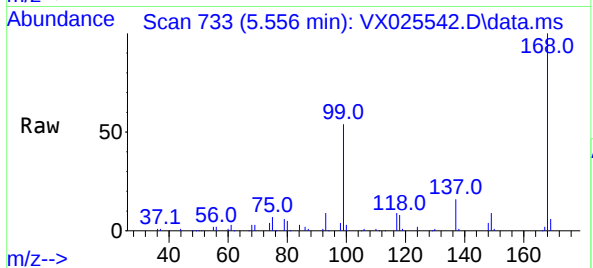
192 20.6 15.6 23.4



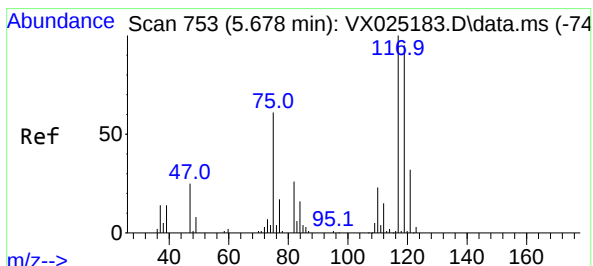
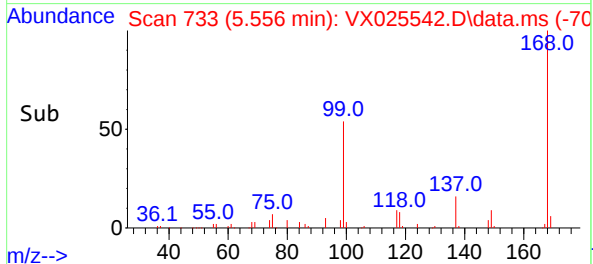
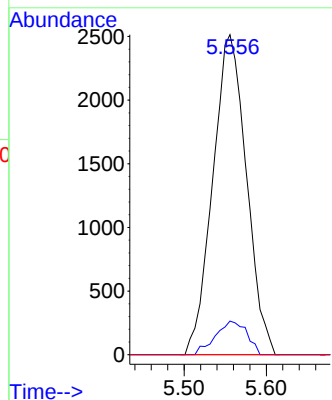


#36
1,1-Dichloropropene
Concen: 4.708 ug/l
RT: 5.556 min Scan# 7146
Delta R.T. -0.140 min
Lab File: VX025542.D
Acq: 06 Dec 2021 12:34

Instrument :
MSVOA_X
ClientSampleId :
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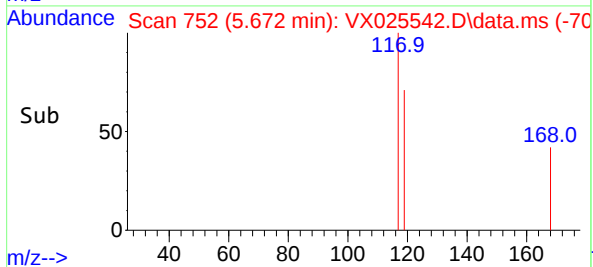
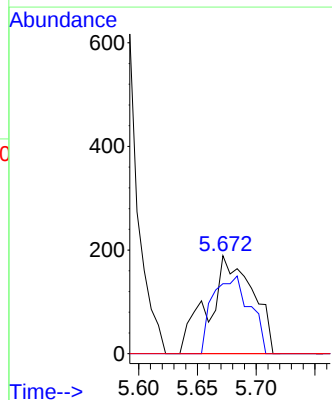
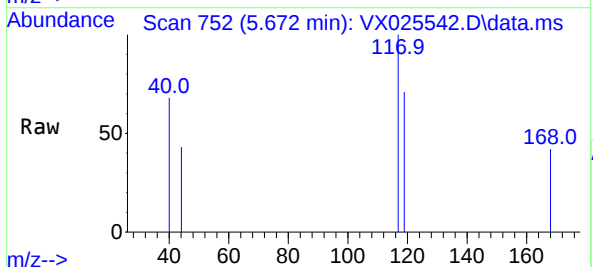


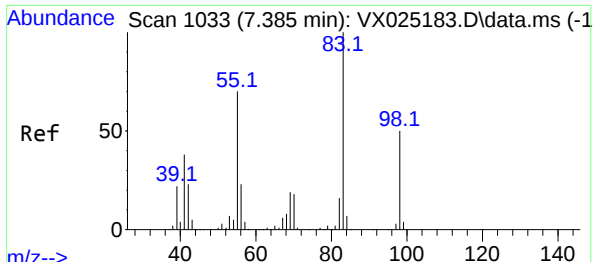
Tgt Ion: 75 Resp: 7146
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.3#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 0.297 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX025542.D
Acq: 06 Dec 2021 12:34

Tgt Ion: 117 Resp: 497
Ion Ratio Lower Upper
117 100
119 71.4 75.6 113.4#
121 0.0 23.7 35.5#

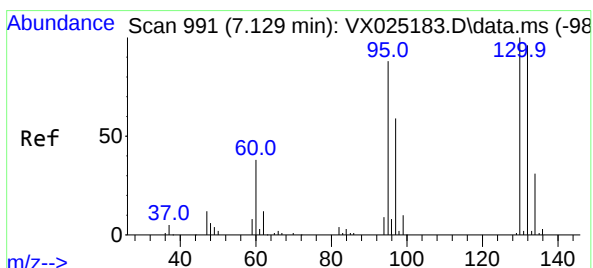
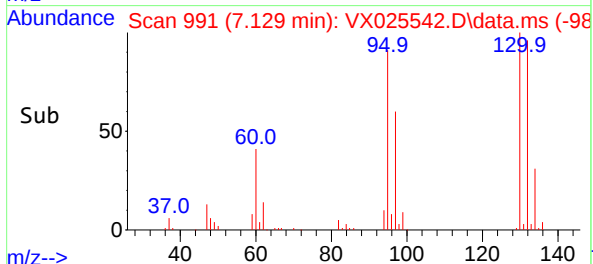
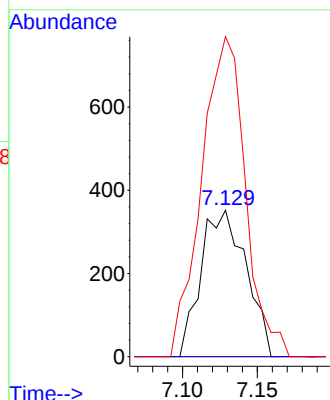
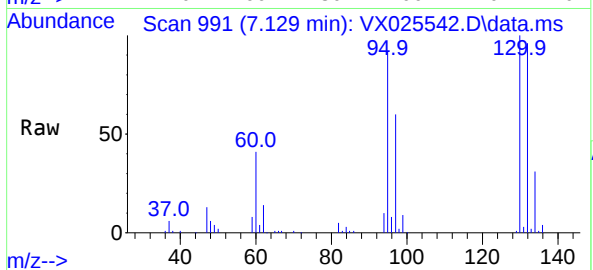




#39
Methylcyclohexane
Concen: 0.380 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX025542.D
Acq: 06 Dec 2021 12:34

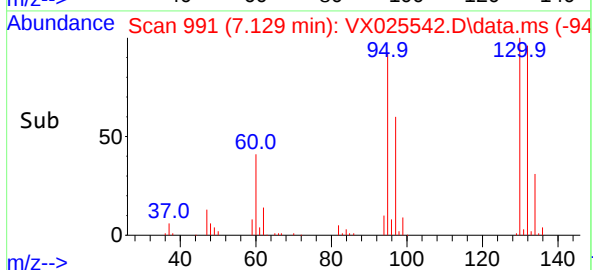
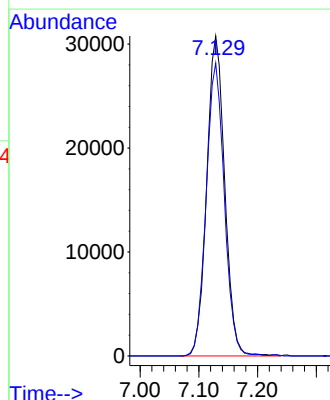
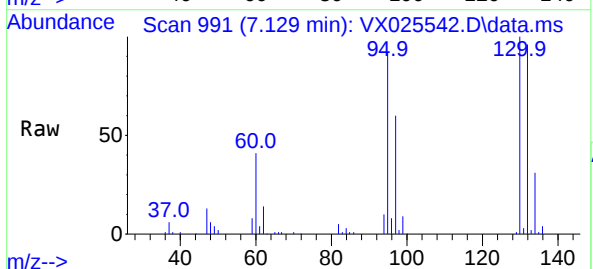
Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20211202DL

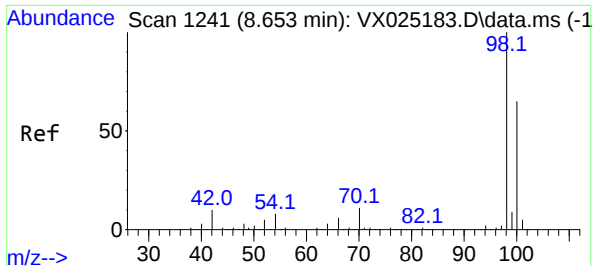
Tgt Ion: 83 Resp: 739
Ion Ratio Lower Upper
83 100
55 0.0 60.8 91.2#
98 201.7 37.0 55.4#



#44
Trichloroethene
Concen: 49.089 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025542.D
Acq: 06 Dec 2021 12:34

Tgt Ion:130 Resp: 65566
Ion Ratio Lower Upper
130 100
95 91.5 0.0 196.8





#50

Toluene-d8

Concen: 49.861 ug/l

RT: 8.653 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX025542.D

Acq: 06 Dec 2021 12:34

Instrument :

MSVOA_X

ClientSampleId :

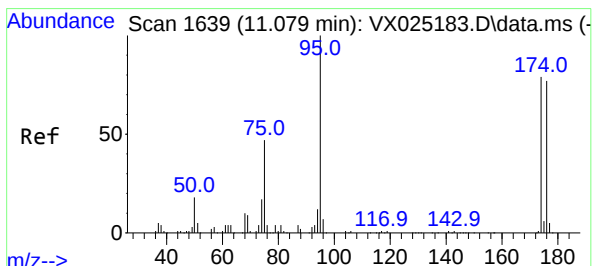
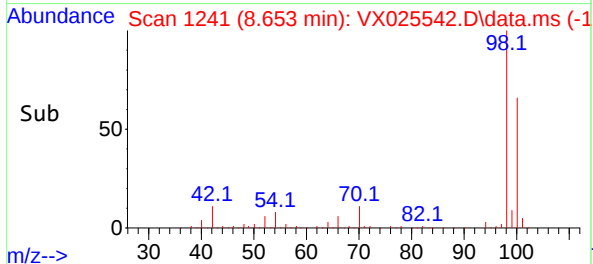
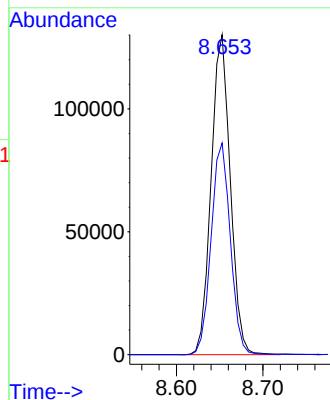
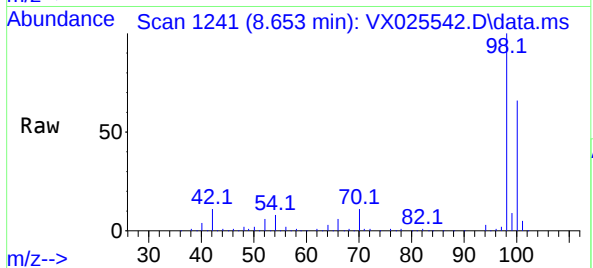
RE108D2-20211202DL

Tgt Ion: 98 Resp: 200106

Ion Ratio Lower Upper

98 100

100 66.4 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 45.063 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX025542.D

Acq: 06 Dec 2021 12:34

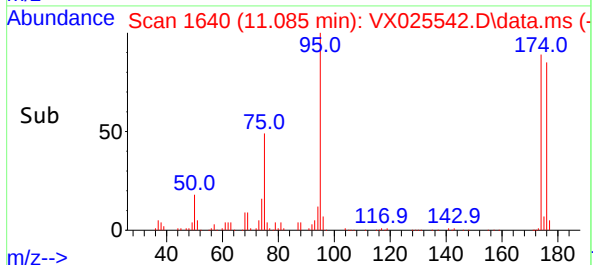
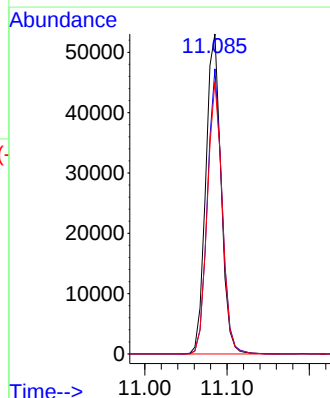
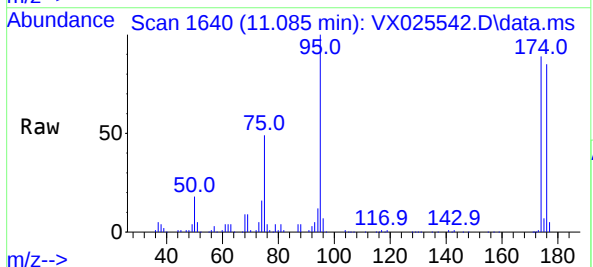
Tgt Ion: 95 Resp: 68418

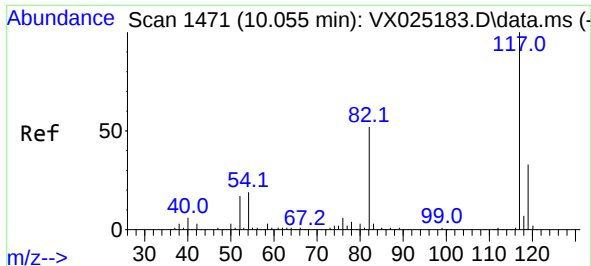
Ion Ratio Lower Upper

95 100

174 85.2 0.0 158.0

176 83.0 0.0 153.6

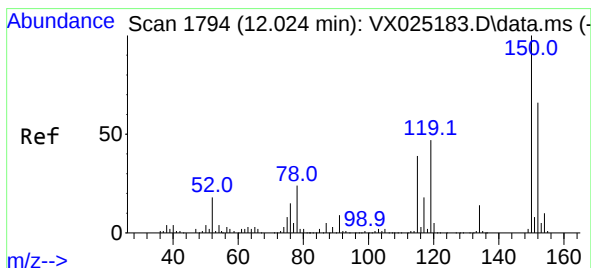
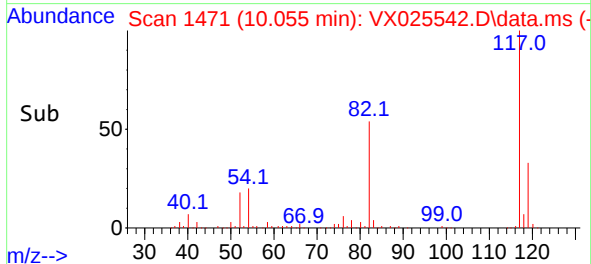
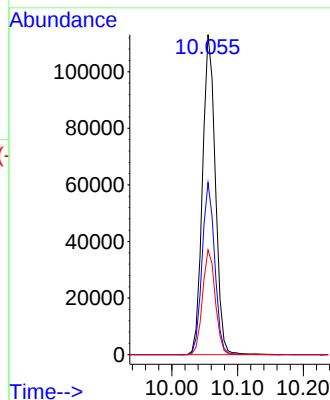
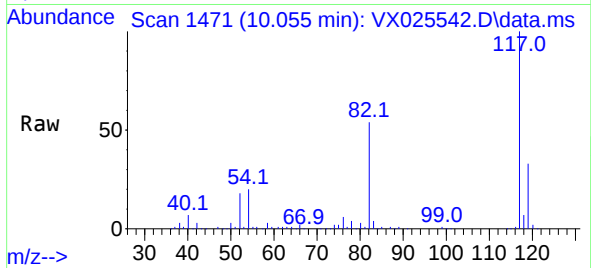




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025542.D
Acq: 06 Dec 2021 12:34

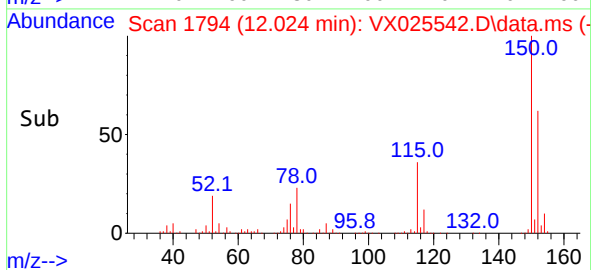
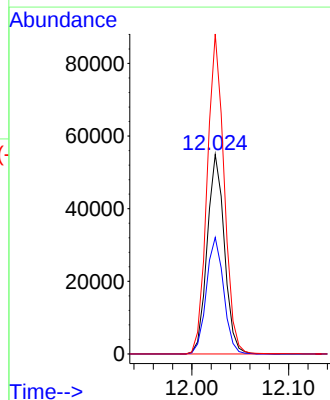
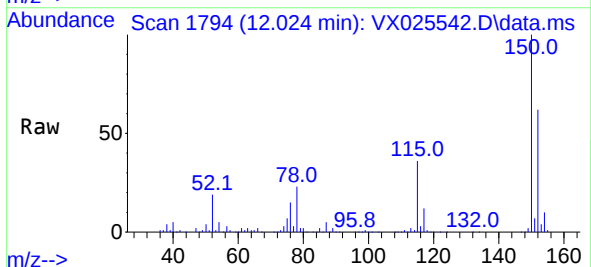
Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20211202DL

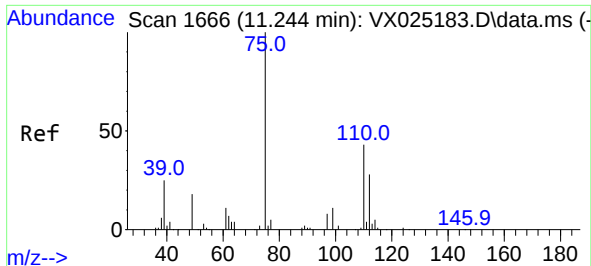
Tgt Ion:117 Resp: 153899
Ion Ratio Lower Upper
117 100
82 53.7 44.6 67.0
119 32.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025542.D
Acq: 06 Dec 2021 12:34

Tgt Ion:152 Resp: 68083
Ion Ratio Lower Upper
152 100
115 58.6 43.3 129.8
150 158.1 0.0 351.2

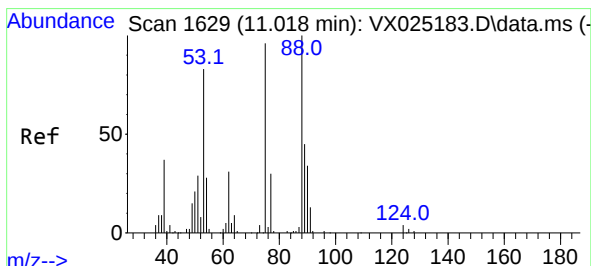
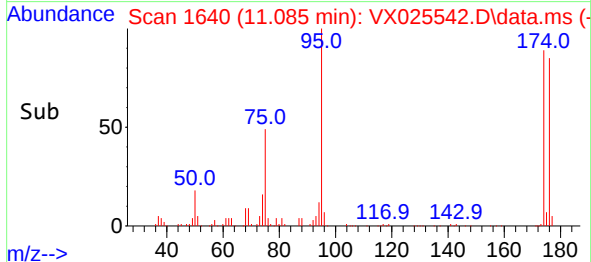
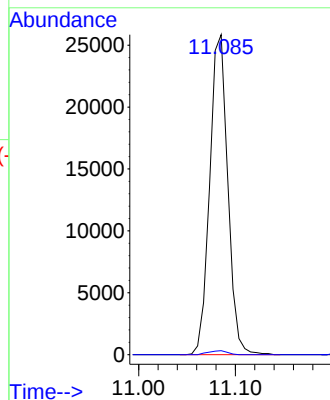
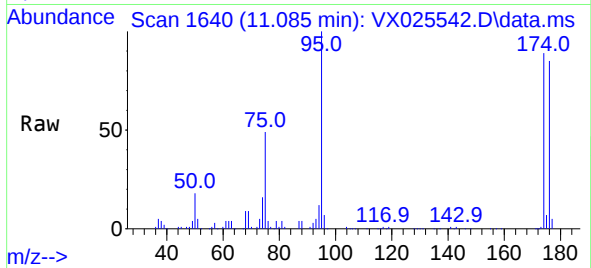




#76
1,2,3-Trichloropropane
Concen: 24.099 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX025542.D
Acq: 06 Dec 2021 12:34

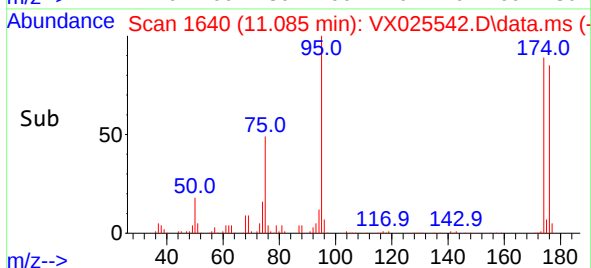
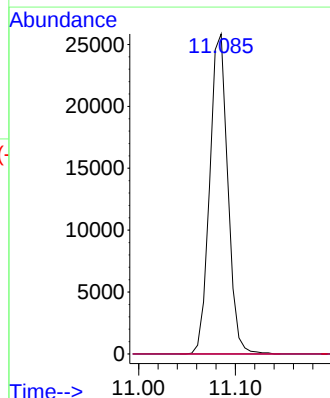
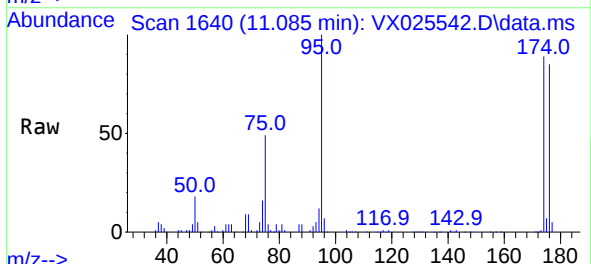
Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20211202DL

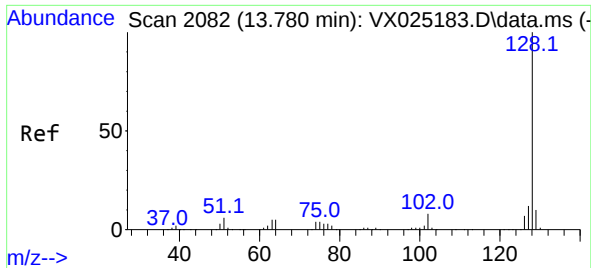
Tgt Ion: 75 Resp: 33599
Ion Ratio Lower Upper
75 100
77 1.3 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.710 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX025542.D
Acq: 06 Dec 2021 12:34

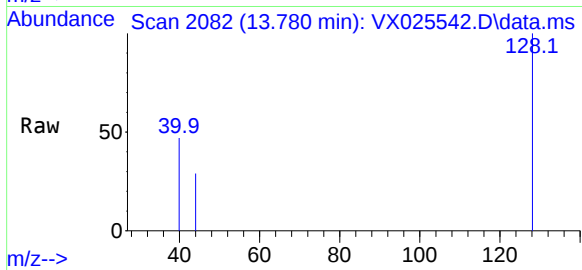
Tgt Ion: 75 Resp: 33599
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#





#95
Naphthalene
Concen: Below Cal
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX025542.D
Acq: 06 Dec 2021 12:34

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20211202DL



Tgt Ion:128 Resp: 431
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

