

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033122\
 Data File : VX027850.D
 Acq On : 31 Mar 2022 16:06
 Operator : JC/MD
 Sample : N2041-21DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE114D1-20220318DL

Quant Time: Apr 01 04:08:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

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

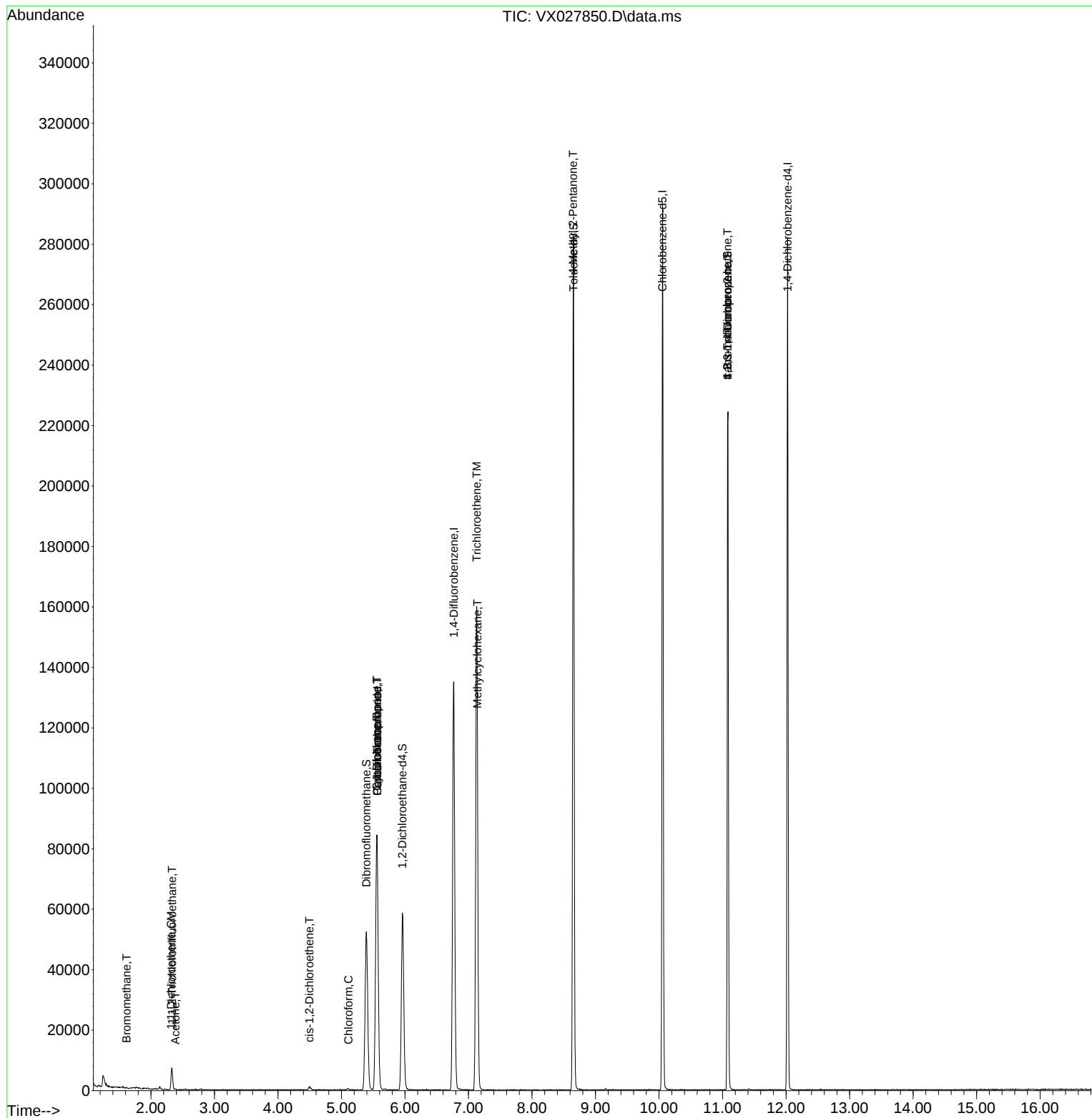
Internal Standards						
1) Pentafluorobenzene	5.562	168	72818	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	134591	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51416	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58747	62.527	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 125.060%			
35) Dibromofluoromethane	5.391	113	44569	51.302	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.600%			
50) Toluene-d8	8.653	98	158057	51.709	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.420%			
62) 4-Bromofluorobenzene	11.079	95	62282	47.947	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.900%			
Target Compounds						Qvalue
5) Bromomethane	1.618	94	56	0.208	ug/l #	54
9) 1,1,2-Trichlorotrifluo...	2.331	101	2663	3.906	ug/l	97
12) 1,1-Dichloroethene	2.319	96	344	0.550	ug/l #	67
16) Acetone	2.386	43	352	0.847	ug/l #	39
27) cis-1,2-Dichloroethene	4.495	96	683	0.834	ug/l	84
30) Chloroform	5.111	83	633	0.440	ug/l	88
31) Cyclohexane	5.556	56	1851	1.782	ug/l #	34
36) 1,1-Dichloropropene	5.556	75	6645	6.073	ug/l #	45
38) Carbon Tetrachloride	5.562	117	8799	7.279	ug/l #	14
39) Methylcyclohexane	7.141	83	715	0.555	ug/l #	6
44) Trichloroethene	7.129	130	60713	67.373	ug/l	91
51) 4-Methyl-2-Pentanone	8.647	43	755	0.501	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34273	28.415	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	34273	82.953	ug/l #	15

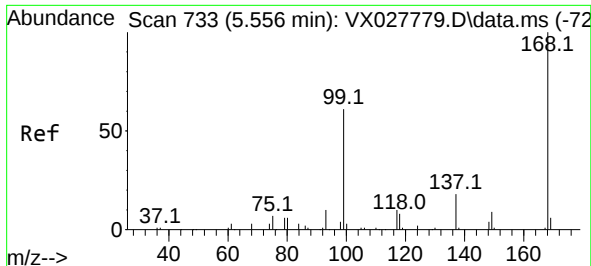
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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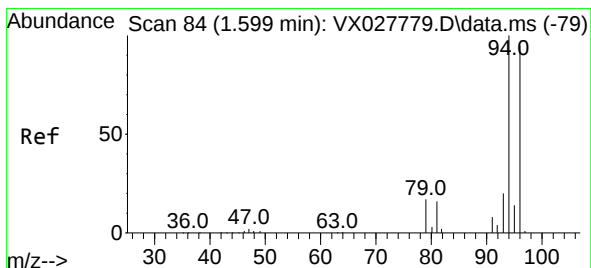
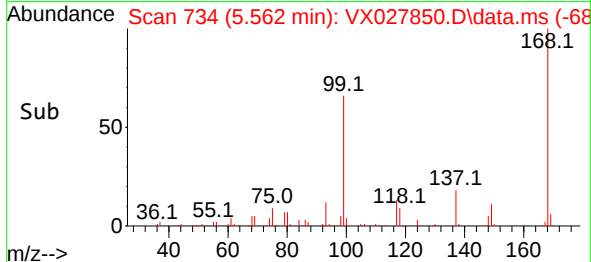
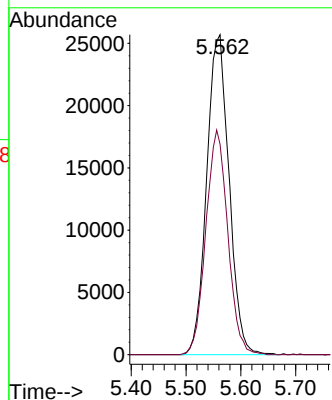
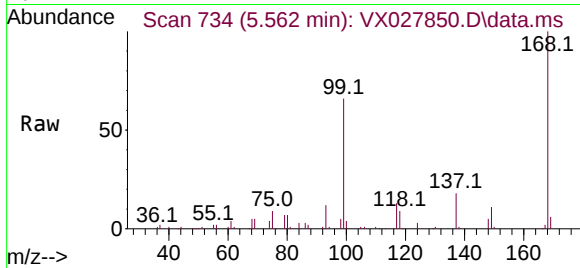




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX027850.D
Acq: 31 Mar 2022 16:06

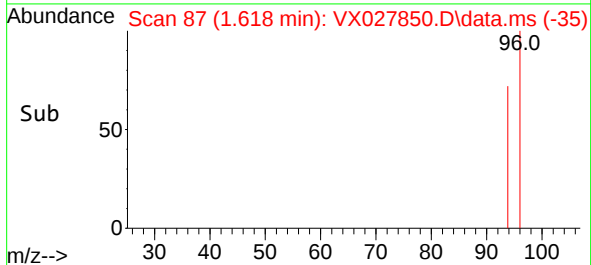
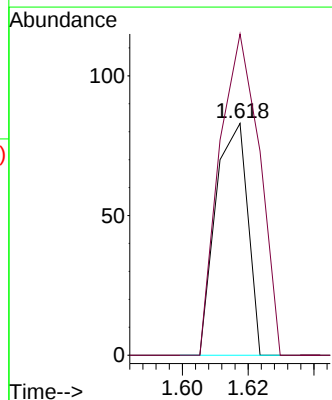
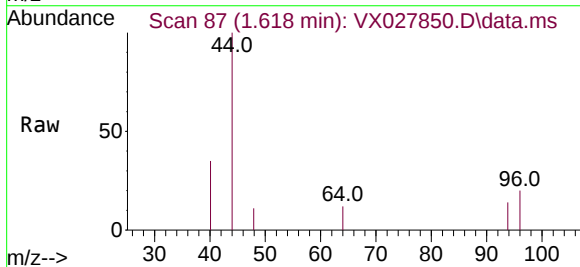
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20220318DL

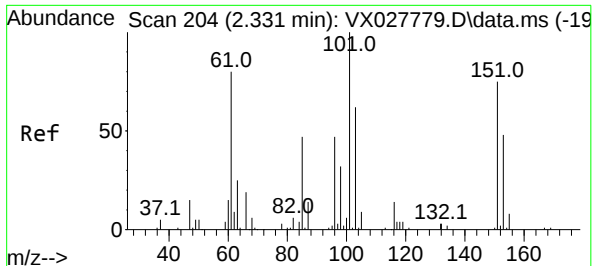
Tgt Ion:168 Resp: 72818
Ion Ratio Lower Upper
168 100
99 65.8 41.7 62.5#



#5
Bromomethane
Concen: 0.208 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX027850.D
Acq: 31 Mar 2022 16:06

Tgt Ion: 94 Resp: 56
Ion Ratio Lower Upper
94 100
96 138.6 75.3 112.9#

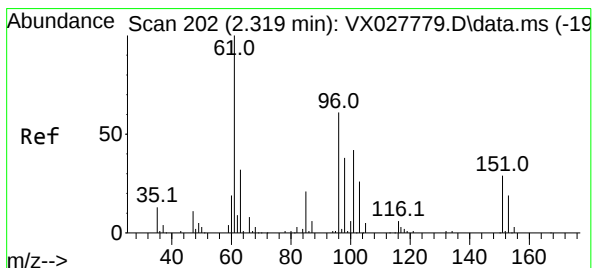
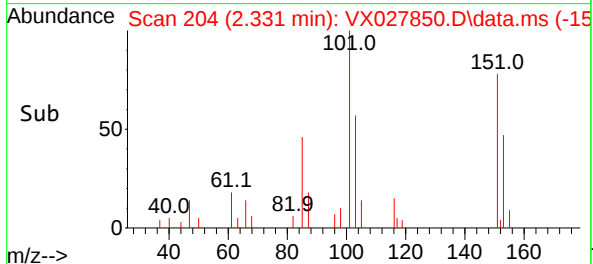
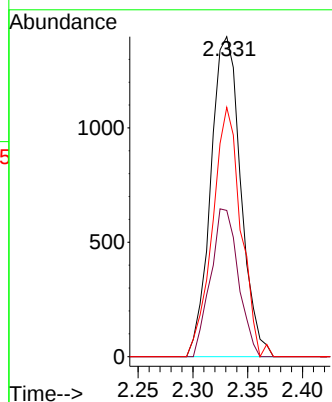
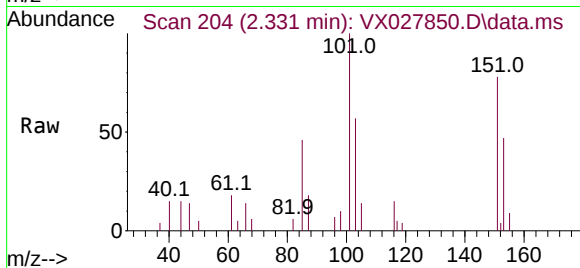




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.906 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX027850.D
Acq: 31 Mar 2022 16:06

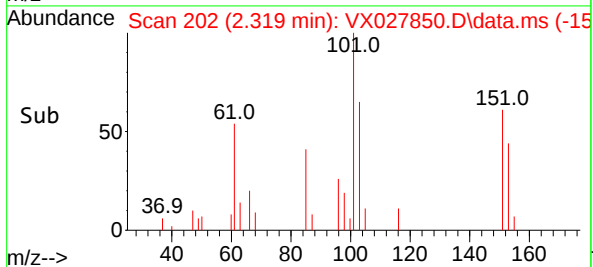
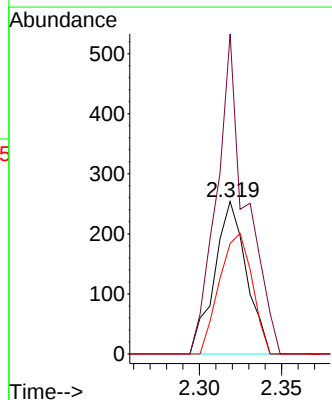
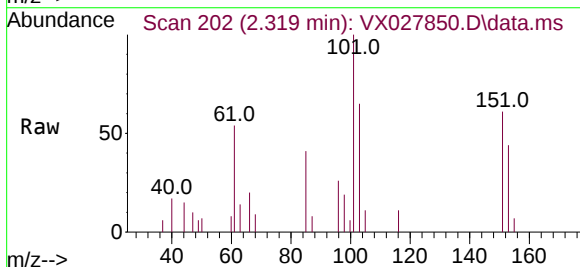
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20220318DL

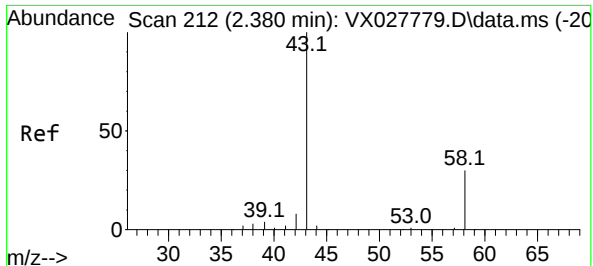
Tgt Ion:101 Resp: 2663
Ion Ratio Lower Upper
101 100
85 42.5 33.5 50.3
151 74.0 61.8 92.6



#12
1,1-Dichloroethene
Concen: 0.550 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX027850.D
Acq: 31 Mar 2022 16:06

Tgt Ion: 96 Resp: 344
Ion Ratio Lower Upper
96 100
61 209.8 124.6 187.0#
98 72.4 51.0 76.4

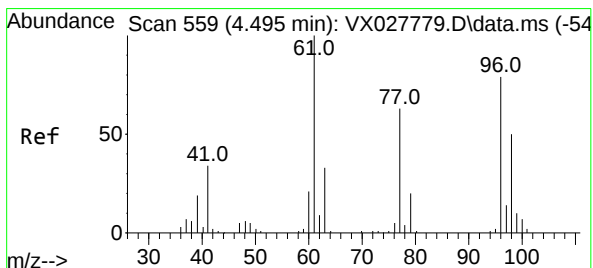
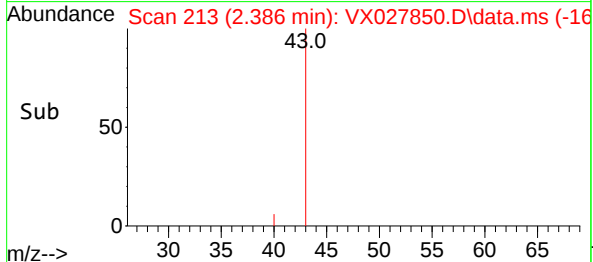
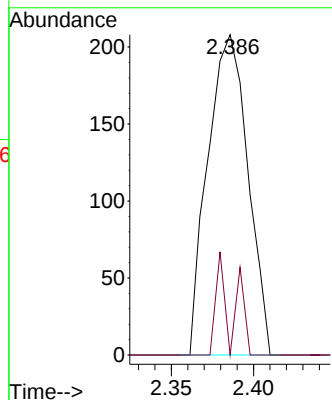
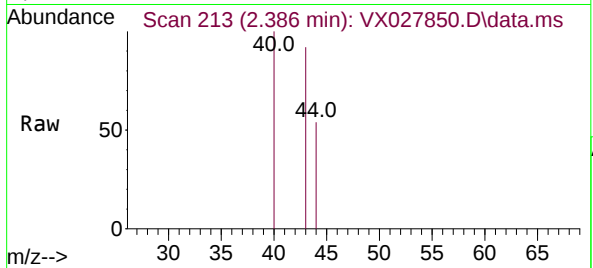




#16
Acetone
Concen: 0.847 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX027850.D
Acq: 31 Mar 2022 16:06

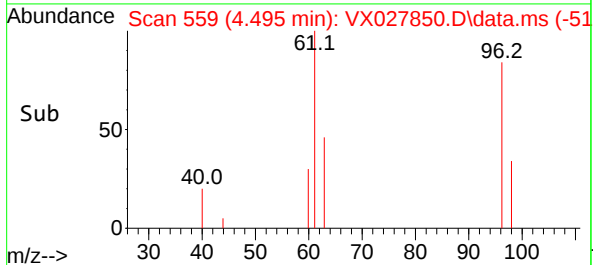
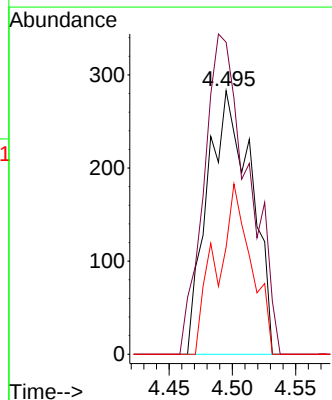
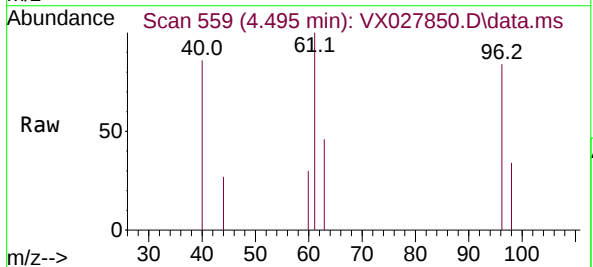
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20220318DL

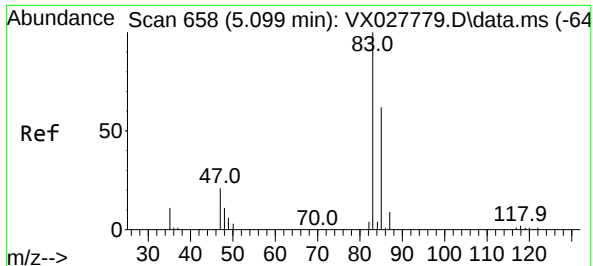
Tgt Ion: 43 Resp: 352
Ion Ratio Lower Upper
43 100
58 0.0 28.8 43.2#



#27
cis-1,2-Dichloroethene
Concen: 0.834 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX027850.D
Acq: 31 Mar 2022 16:06

Tgt Ion: 96 Resp: 683
Ion Ratio Lower Upper
96 100
61 123.0 0.0 283.8
98 51.0 0.0 129.8





#30

Chloroform

Concen: 0.440 ug/l

RT: 5.111 min Scan# 60

Delta R.T. 0.012 min

Lab File: VX027850.D

Acq: 31 Mar 2022 16:06

Instrument :

MSVOA_X

ClientSampleId :

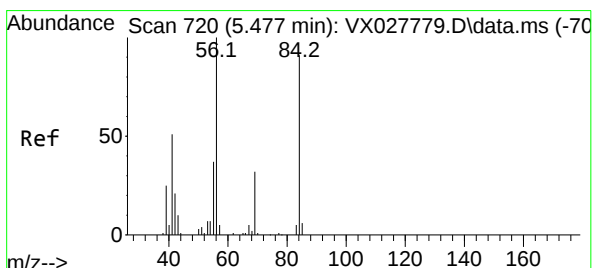
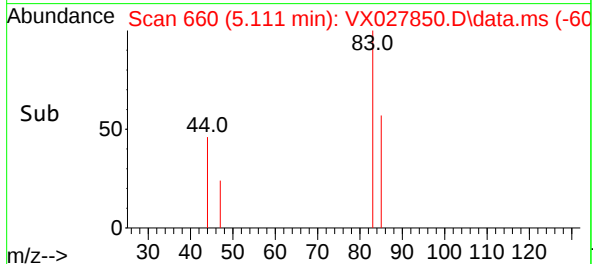
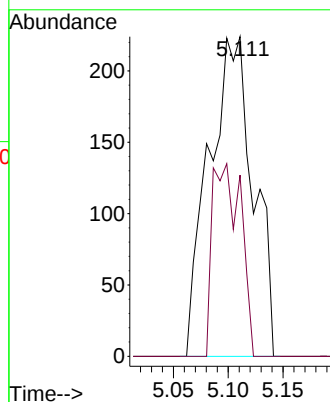
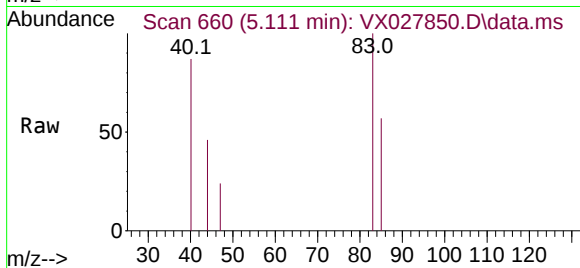
RE114D1-20220318DL

Tgt Ion: 83 Resp: 633

Ion Ratio Lower Upper

83 100

85 56.7 52.7 79.1



#31

Cyclohexane

Concen: 1.782 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX027850.D

Acq: 31 Mar 2022 16:06

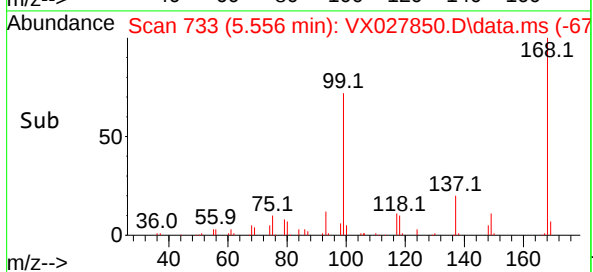
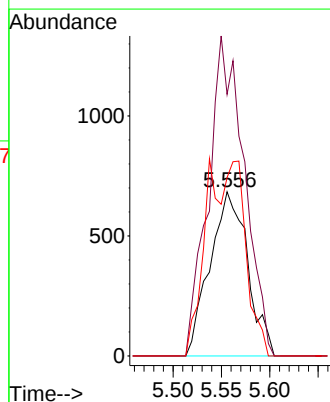
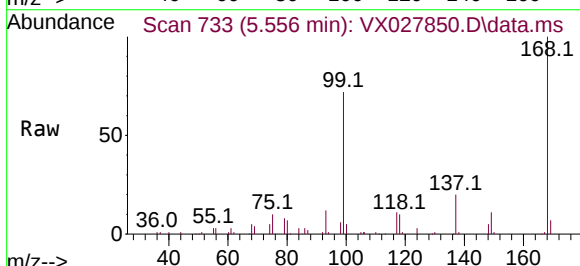
Tgt Ion: 56 Resp: 1851

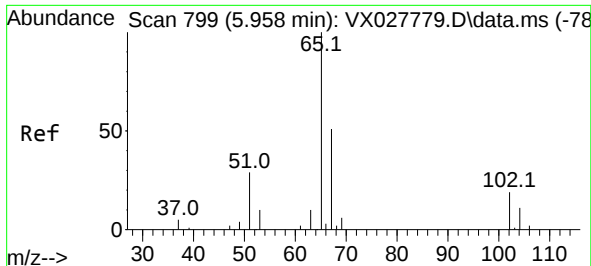
Ion Ratio Lower Upper

56 100

69 159.4 26.7 40.1#

84 108.6 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 62.527 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027850.D

Acq: 31 Mar 2022 16:06

Instrument :

MSVOA_X

ClientSampleId :

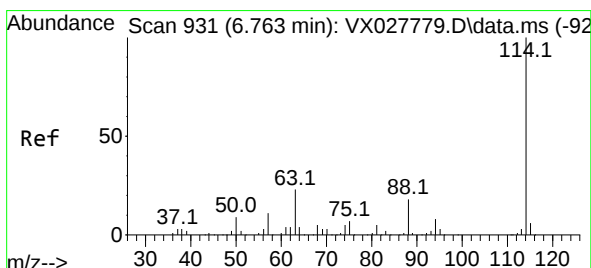
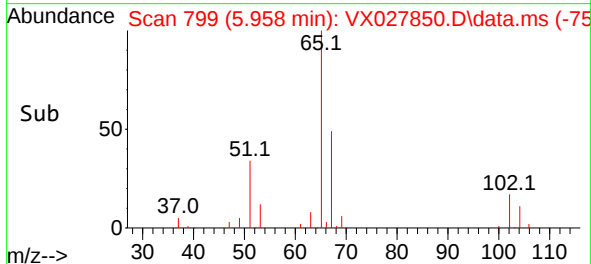
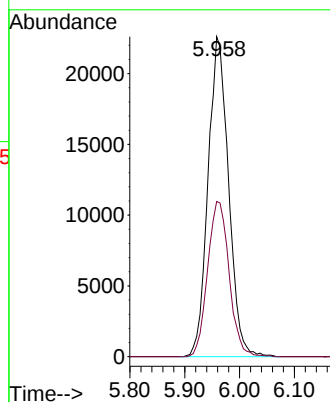
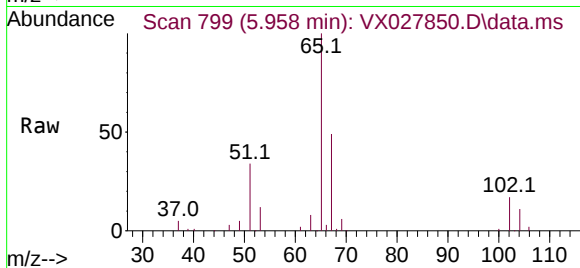
RE114D1-20220318DL

Tgt Ion: 65 Resp: 58747

Ion Ratio Lower Upper

65 100

67 50.9 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX027850.D

Acq: 31 Mar 2022 16:06

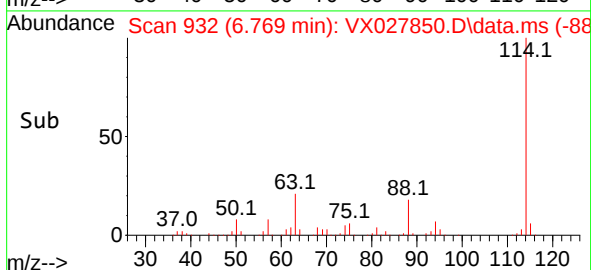
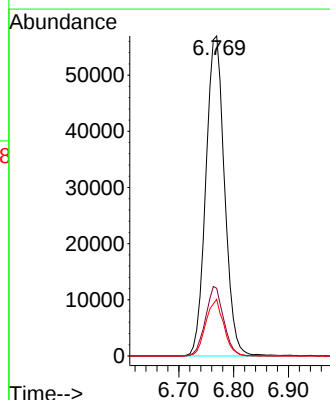
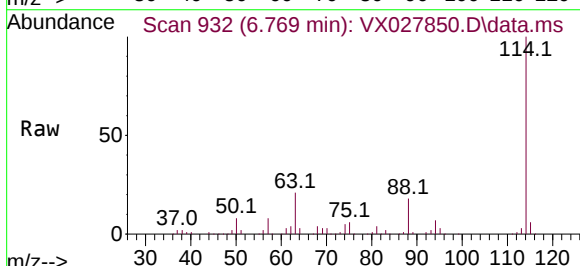
Tgt Ion: 114 Resp: 134591

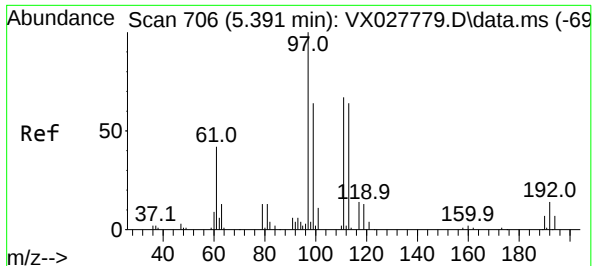
Ion Ratio Lower Upper

114 100

63 21.2 0.0 36.8

88 17.7 0.0 32.4

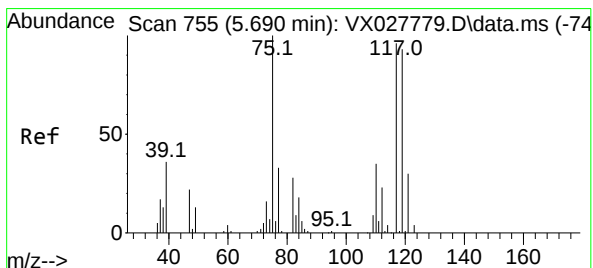
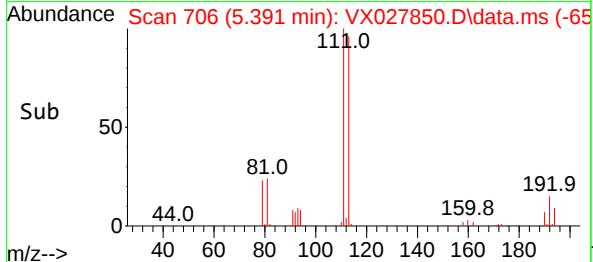
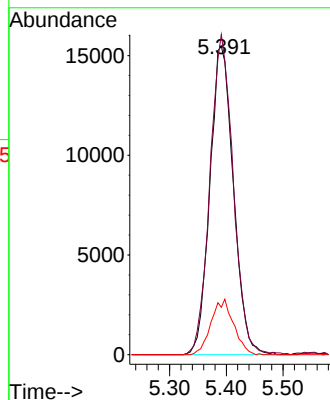
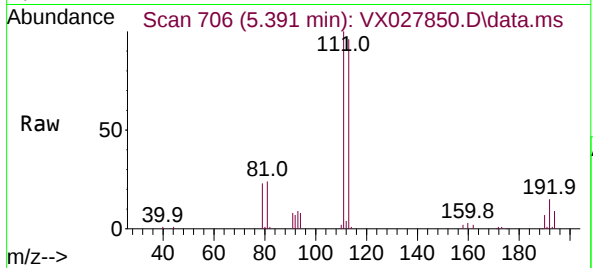




#35
Dibromofluoromethane
Concen: 51.302 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027850.D
Acq: 31 Mar 2022 16:06

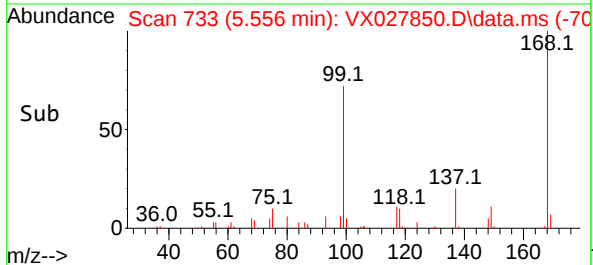
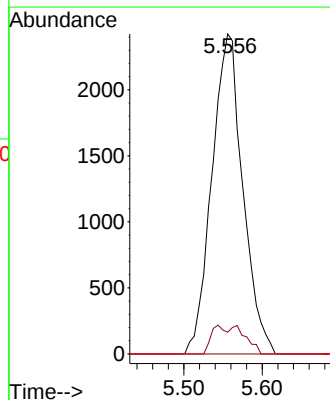
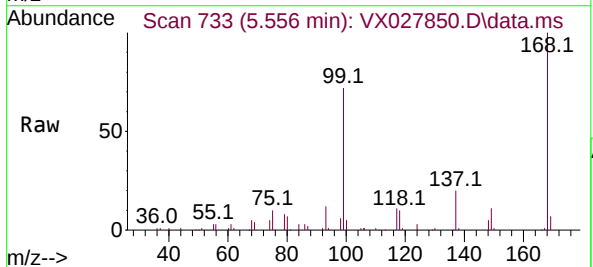
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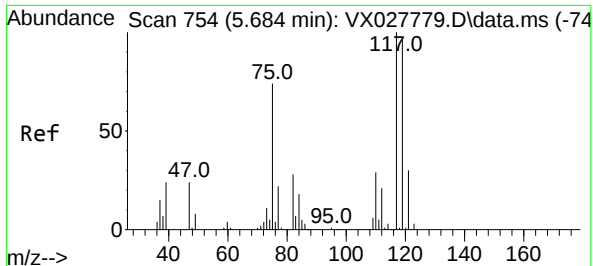
Tgt Ion:113 Resp: 44569
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 17.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 6.073 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX027850.D
Acq: 31 Mar 2022 16:06

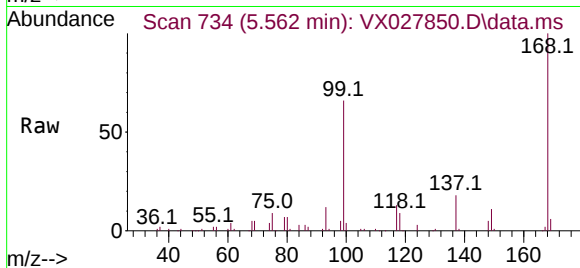
Tgt Ion: 75 Resp: 6645
Ion Ratio Lower Upper
75 100
110 4.6 18.3 54.8#
77 0.0 24.8 37.2#



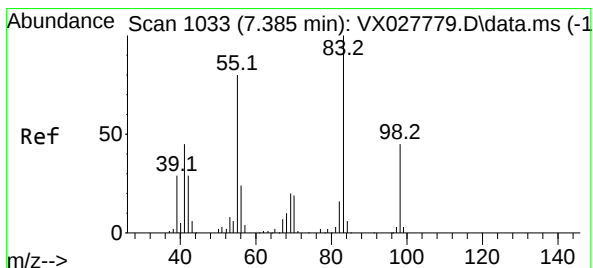
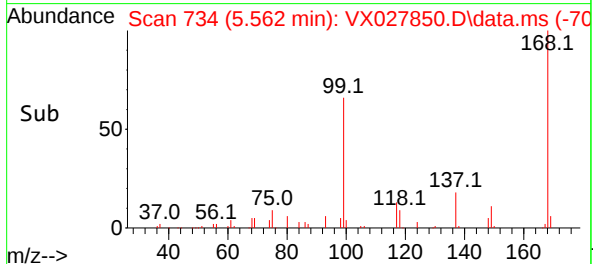
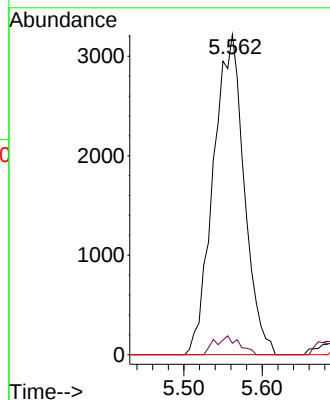


#38
Carbon Tetrachloride
Concen: 7.279 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX027850.D
Acq: 31 Mar 2022 16:06

Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20220318DL

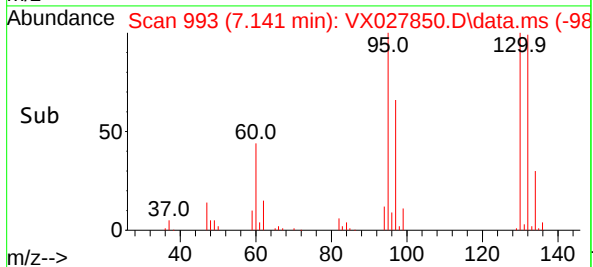
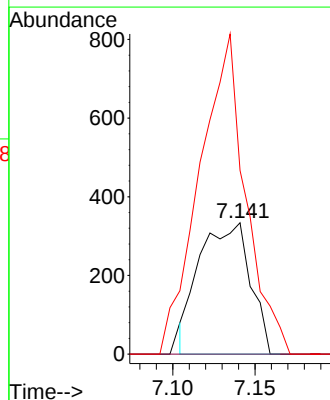
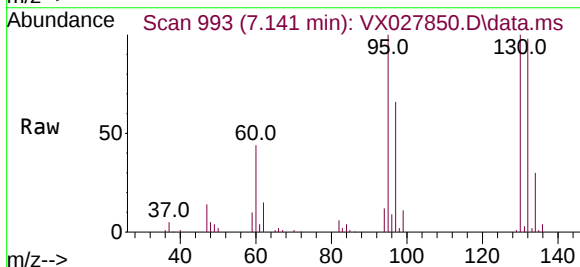


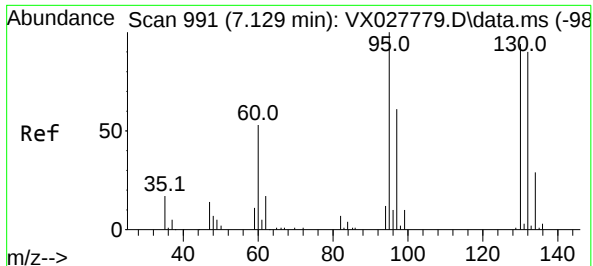
Tgt Ion:117 Resp: 8799
Ion Ratio Lower Upper
117 100
119 3.5 77.3 115.9#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 0.555 ug/l
RT: 7.141 min Scan# 993
Delta R.T. -0.244 min
Lab File: VX027850.D
Acq: 31 Mar 2022 16:06

Tgt Ion: 83 Resp: 715
Ion Ratio Lower Upper
83 100
55 0.0 54.6 81.8#
98 119.5 37.4 56.2#

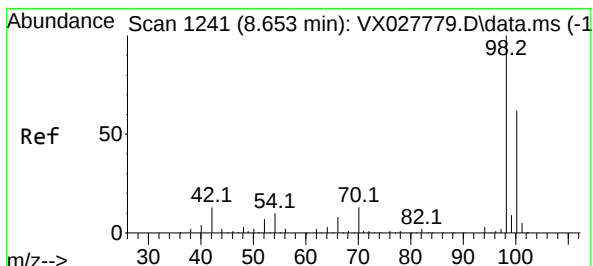
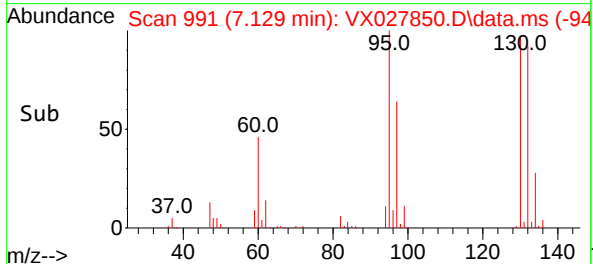
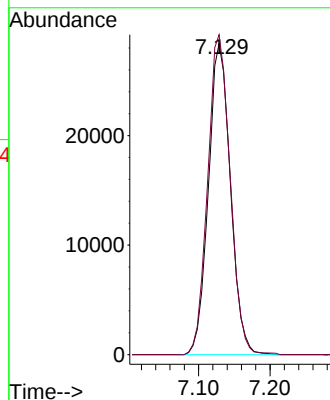
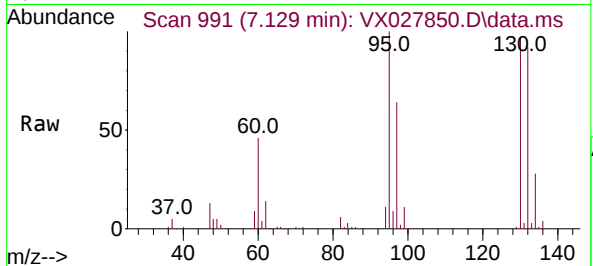




#44
Trichloroethene
Concen: 67.373 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX027850.D
Acq: 31 Mar 2022 16:06

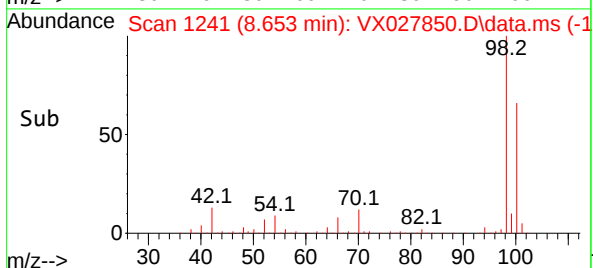
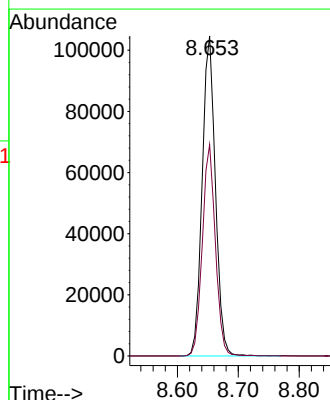
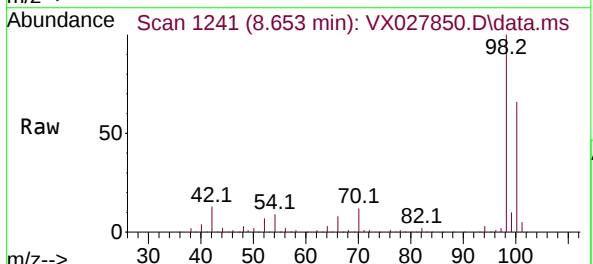
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20220318DL

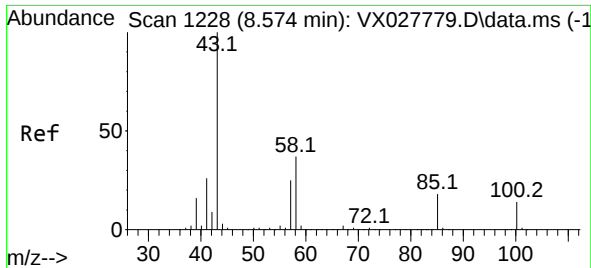
Tgt Ion:130 Resp: 60713
Ion Ratio Lower Upper
130 100
95 102.9 0.0 188.8



#50
Toluene-d8
Concen: 51.709 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027850.D
Acq: 31 Mar 2022 16:06

Tgt Ion: 98 Resp: 158057
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8

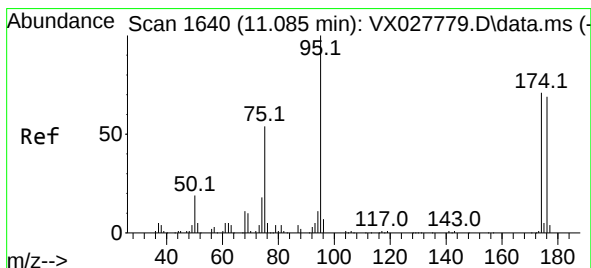
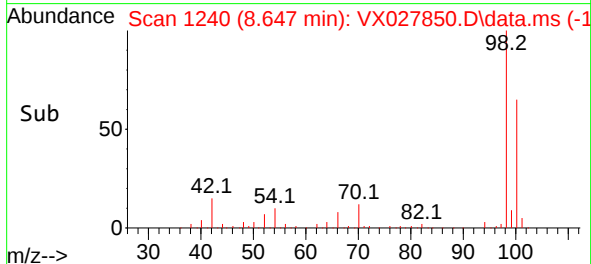
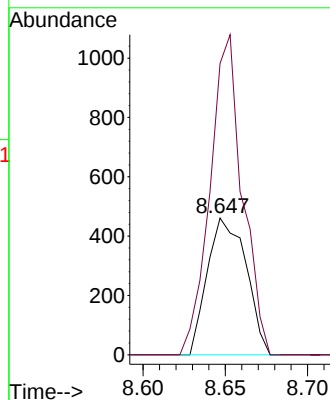
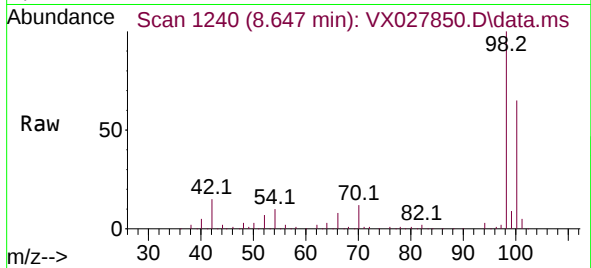




#51
4-Methyl-2-Pentanone
Concen: 0.501 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX027850.D
Acq: 31 Mar 2022 16:06

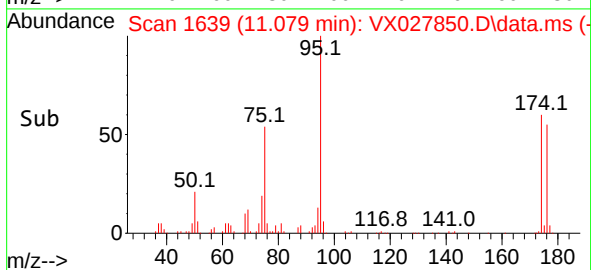
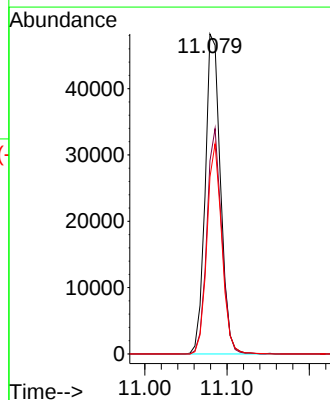
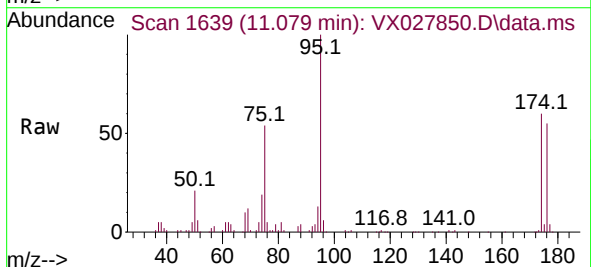
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20220318DL

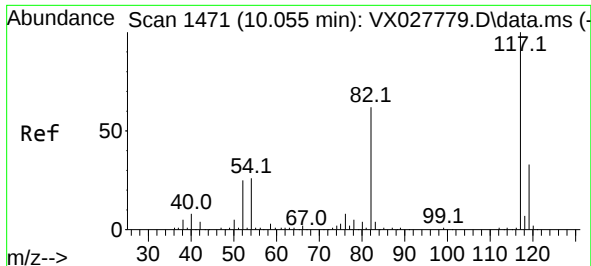
Tgt Ion: 43 Resp: 755
Ion Ratio Lower Upper
43 100
58 196.2 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 47.947 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027850.D
Acq: 31 Mar 2022 16:06

Tgt Ion: 95 Resp: 62282
Ion Ratio Lower Upper
95 100
174 68.3 0.0 163.0
176 63.9 0.0 155.0

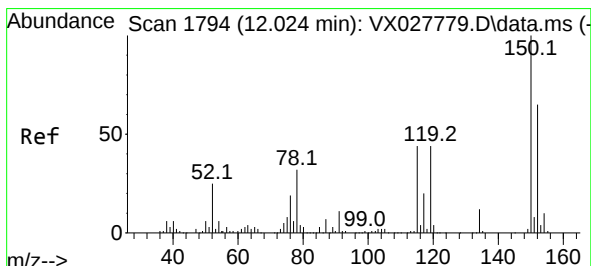
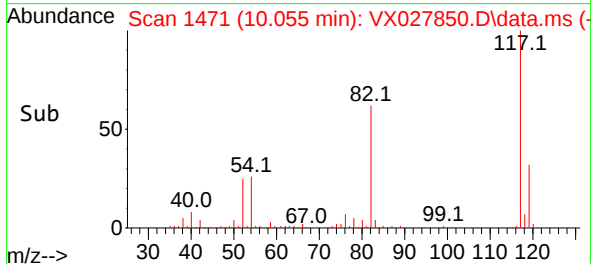
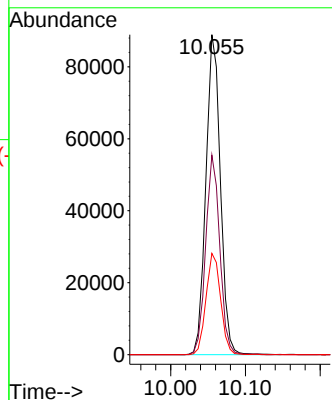
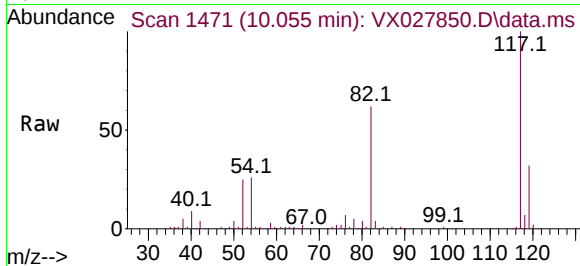




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027850.D
Acq: 31 Mar 2022 16:06

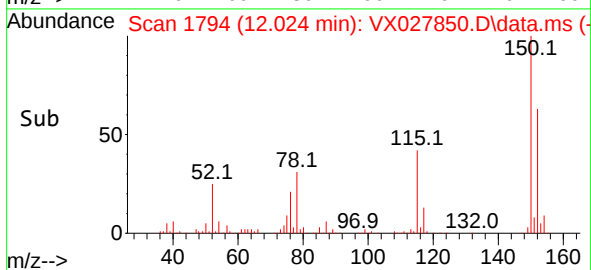
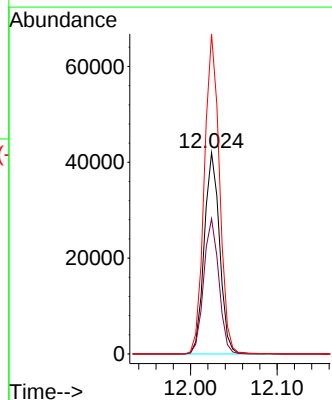
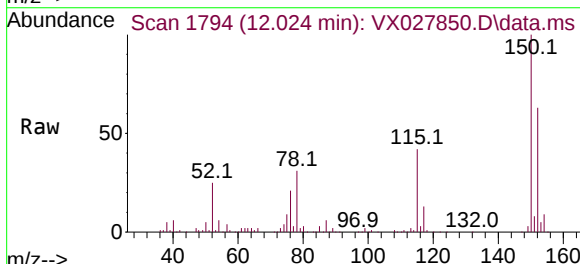
Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20220318DL

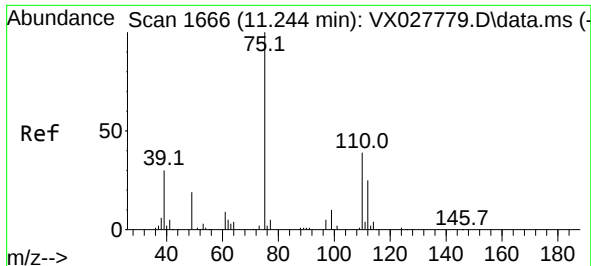
Tgt Ion:117 Resp: 119636
Ion Ratio Lower Upper
117 100
82 62.3 41.8 62.8
119 31.7 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027850.D
Acq: 31 Mar 2022 16:06

Tgt Ion:152 Resp: 51416
Ion Ratio Lower Upper
152 100
115 66.4 37.5 112.7
150 157.9 0.0 338.2

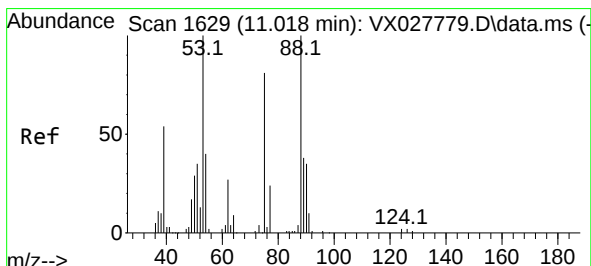
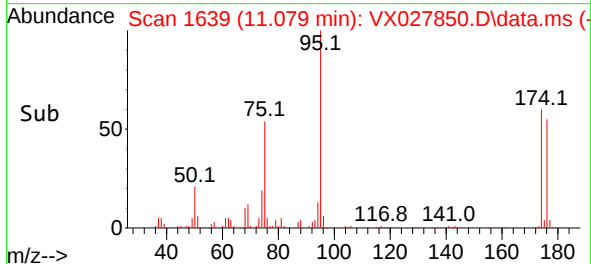
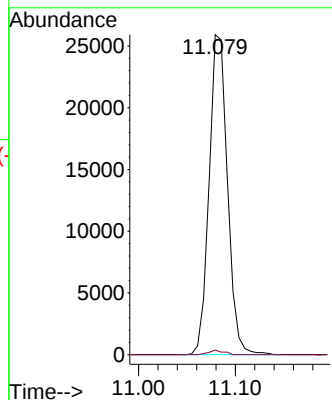
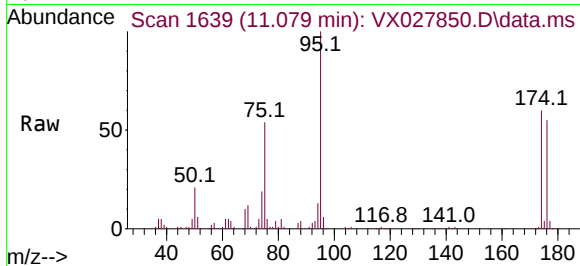




#76
1,2,3-Trichloropropane
Concen: 28.415 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027850.D
Acq: 31 Mar 2022 16:06

Instrument :
MSVOA_X
ClientSampleId :
RE114D1-20220318DL

Tgt Ion: 75 Resp: 34273
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.953 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027850.D
Acq: 31 Mar 2022 16:06

Tgt Ion: 75 Resp: 34273
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

