

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033022\
 Data File : VX027805.D
 Acq On : 30 Mar 2022 13:06
 Operator : JC/MD
 Sample : N2041-25 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE108D2-20220318

Quant Time: Mar 31 05:47:50 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)

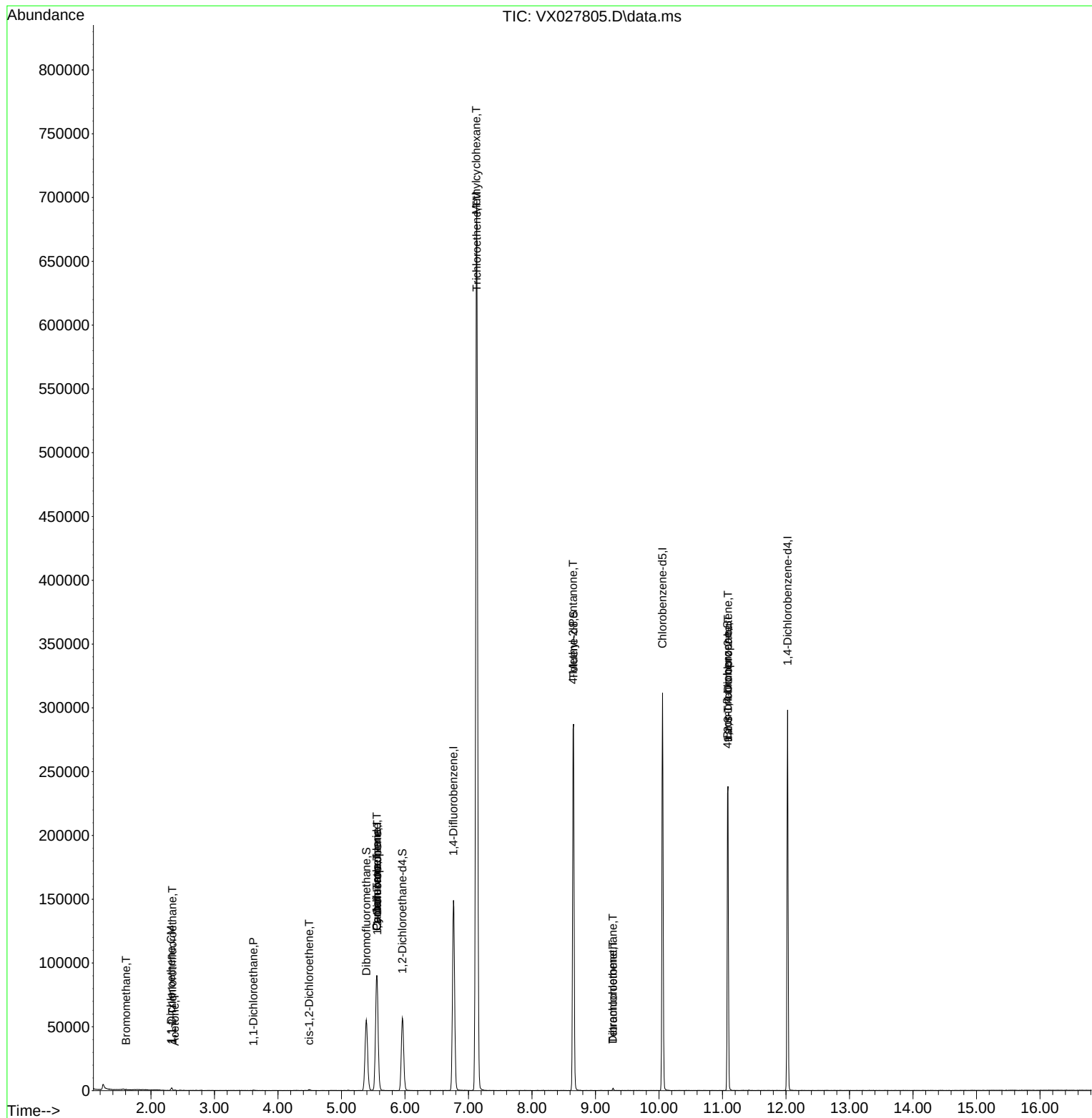
Internal Standards						
1) Pentafluorobenzene	5.556	168	86973	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	140773	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126157	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56973	50.769	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.540%			
35) Dibromofluoromethane	5.391	113	48654	53.545	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.100%			
50) Toluene-d8	8.653	98	166565	52.099	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.200%			
62) 4-Bromofluorobenzene	11.079	95	65435	48.162	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.320%			
Target Compounds						Qvalue
5) Bromomethane	1.605	94	163	0.506	ug/l	# 51
9) 1,1,2-Trichlorotrifluo...	2.337	101	450	0.553	ug/l	# 90
12) 1,1-Dichloroethene	2.319	96	394	0.527	ug/l	88
16) Acetone	2.374	43	319	0.642	ug/l	# 84
24) 1,1-Dichloroethane	3.611	63	429	0.277	ug/l	# 81
27) cis-1,2-Dichloroethene	4.489	96	495	0.506	ug/l	87
31) Cyclohexane	5.556	56	1734	1.398	ug/l	# 1
36) 1,1-Dichloropropene	5.562	75	6685	5.841	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	9274	7.335	ug/l	# 15
39) Methylcyclohexane	7.123	83	3266	2.425	ug/l	# 1
44) Trichloroethene	7.129	130	240062	254.699	ug/l	87
51) 4-Methyl-2-Pentanone	8.647	43	819	0.520	ug/l	# 1
60) Dibromochloromethane	9.275	129	373	0.371	ug/l	# 9
64) Tetrachloroethene	9.275	164	238	0.278	ug/l	# 71
76) 1,2,3-Trichloropropane	11.085	75	37606	29.803	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	37606	86.834	ug/l	# 15

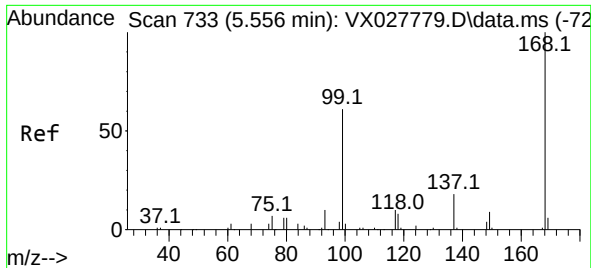
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 30 04:39:27 2022
Response via : Initial Calibration

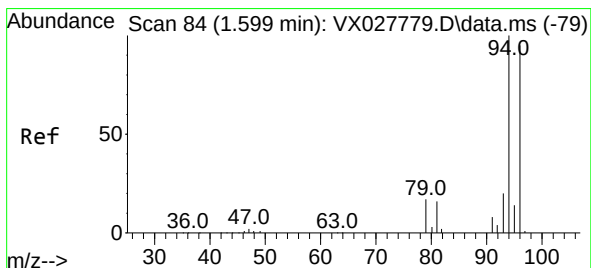
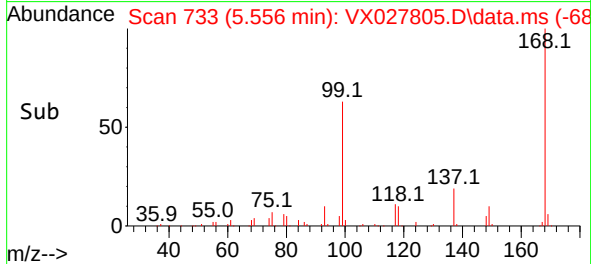
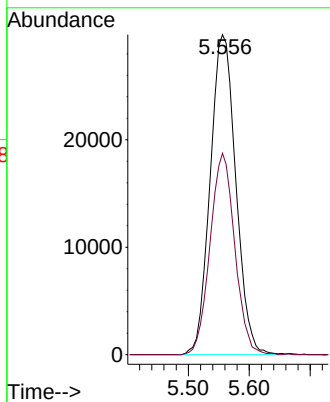
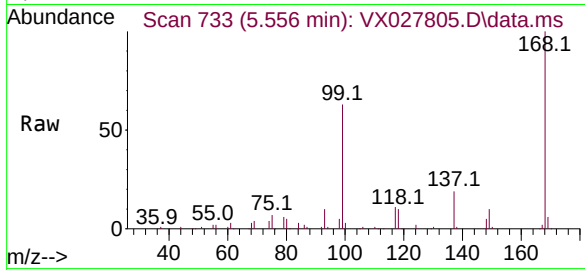




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027805.D
Acq: 30 Mar 2022 13:06

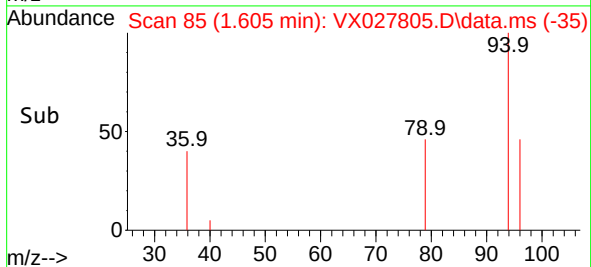
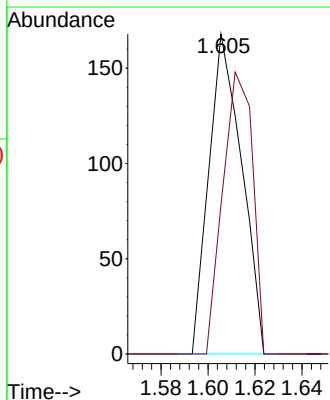
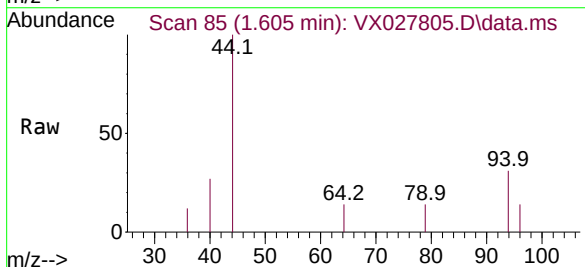
Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20220318

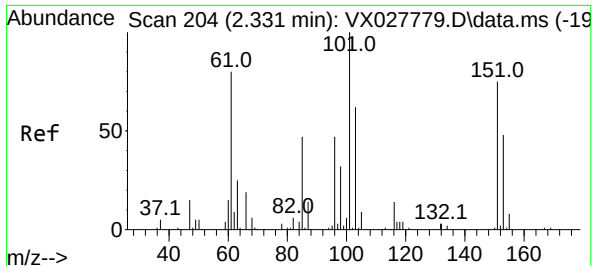
Tgt Ion:168 Resp: 86973
Ion Ratio Lower Upper
168 100
99 62.9 41.7 62.5#



#5
Bromomethane
Concen: 0.506 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX027805.D
Acq: 30 Mar 2022 13:06

Tgt Ion: 94 Resp: 163
Ion Ratio Lower Upper
94 100
96 46.4 75.3 112.9#

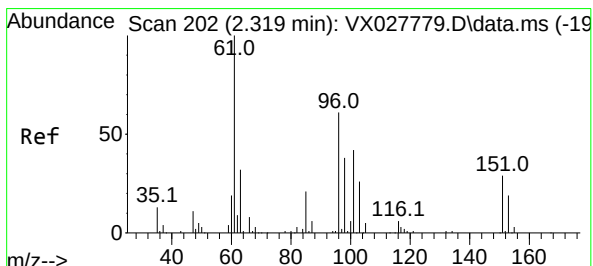
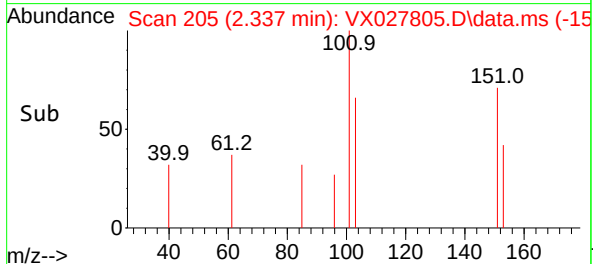
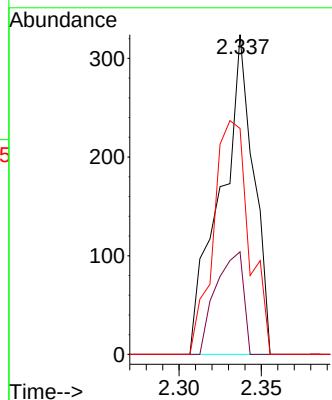
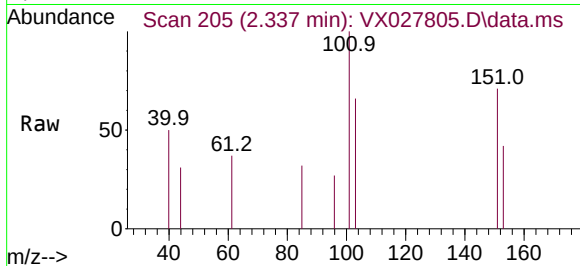




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.553 ug/l
RT: 2.337 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX027805.D
Acq: 30 Mar 2022 13:06

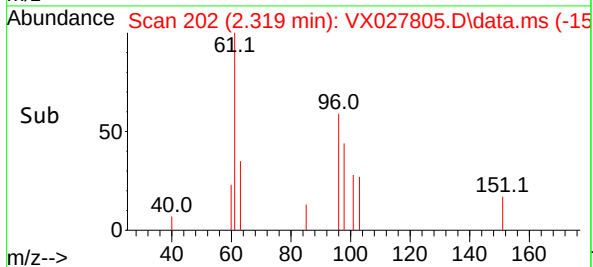
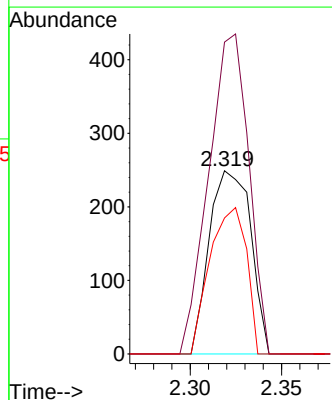
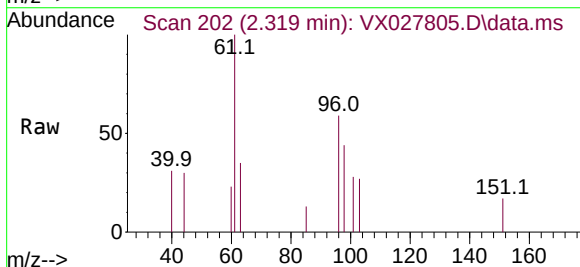
Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20220318

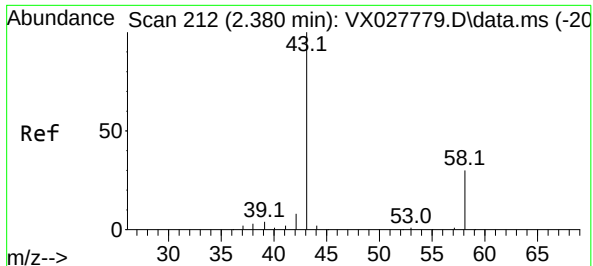
Tgt Ion:101 Resp: 450
Ion Ratio Lower Upper
101 100
85 26.9 33.5 50.3#
151 79.8 61.8 92.6



#12
1,1-Dichloroethene
Concen: 0.527 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX027805.D
Acq: 30 Mar 2022 13:06

Tgt Ion: 96 Resp: 394
Ion Ratio Lower Upper
96 100
61 170.3 124.6 187.0
98 74.3 51.0 76.4

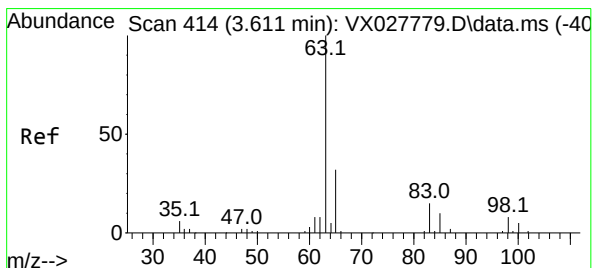
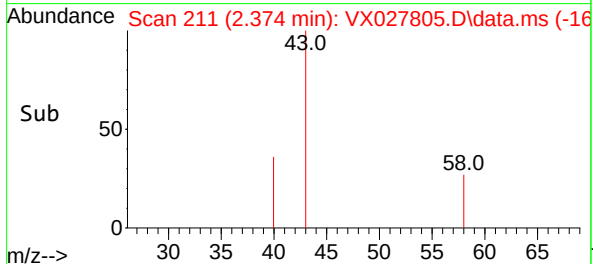
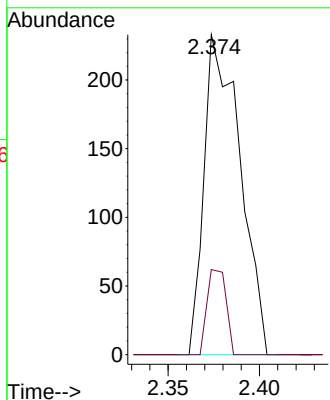
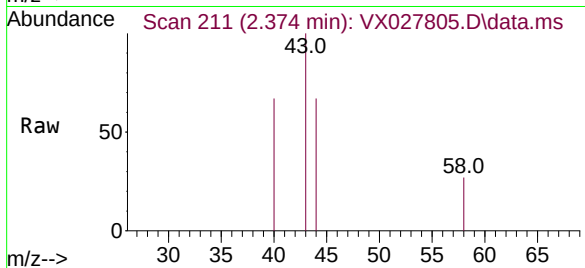




#16
Acetone
Concen: 0.642 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX027805.D
Acq: 30 Mar 2022 13:06

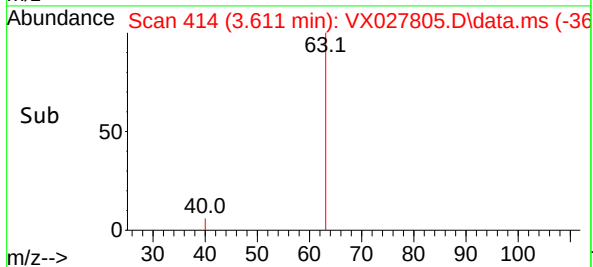
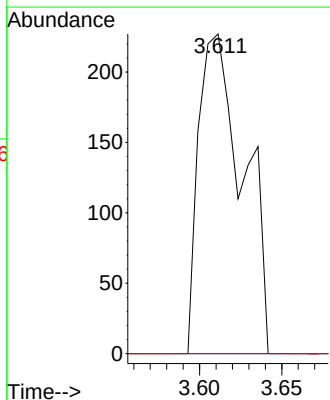
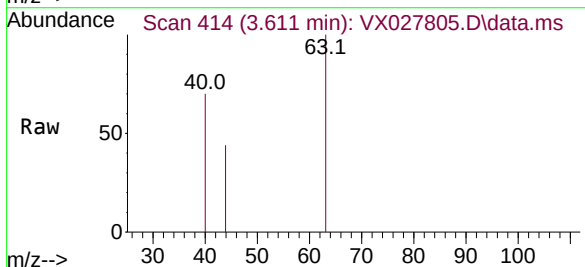
Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20220318

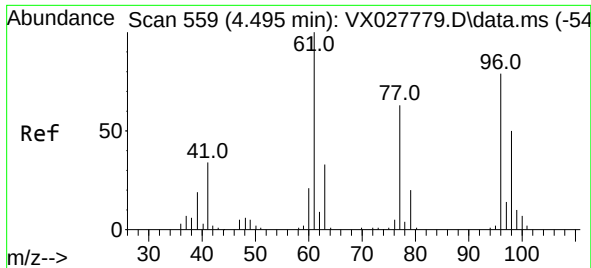
Tgt Ion: 43 Resp: 319
Ion Ratio Lower Upper
43 100
58 26.6 28.8 43.2#



#24
1,1-Dichloroethane
Concen: 0.277 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX027805.D
Acq: 30 Mar 2022 13:06

Tgt Ion: 63 Resp: 429
Ion Ratio Lower Upper
63 100
98 0.0 3.9 11.7#
100 0.0 2.4 7.2#





#27

cis-1,2-Dichloroethene

Concen: 0.506 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX027805.D

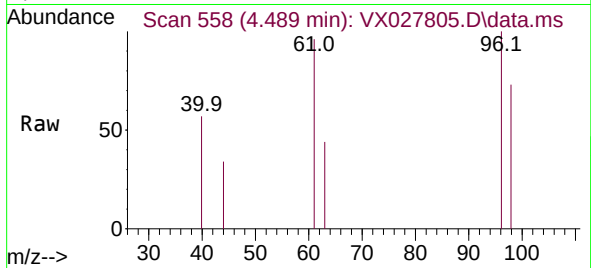
Acq: 30 Mar 2022 13:06

Instrument :

MSVOA_X

ClientSampleId :

RE108D2-20220318



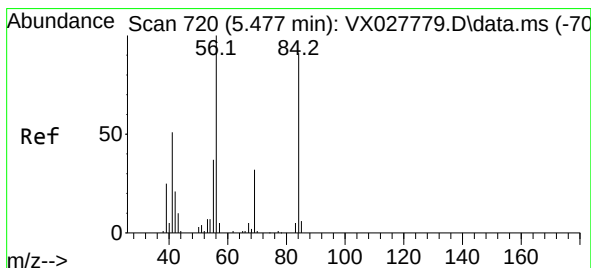
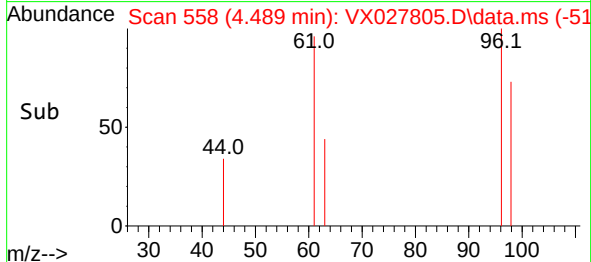
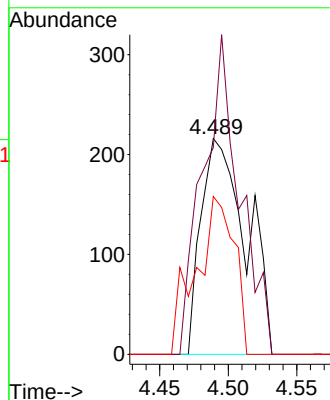
Tgt Ion: 96 Resp: 495

Ion Ratio Lower Upper

96 100

61 121.2 0.0 283.8

98 62.0 0.0 129.8



#31

Cyclohexane

Concen: 1.398 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX027805.D

Acq: 30 Mar 2022 13:06

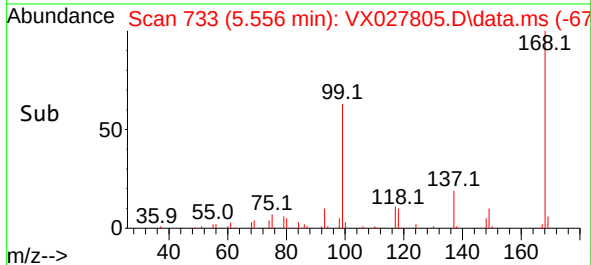
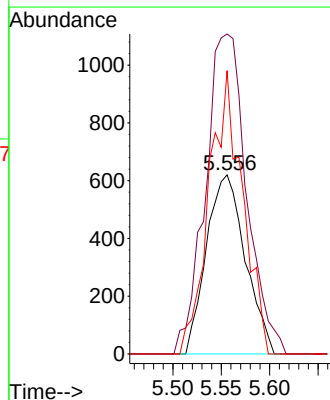
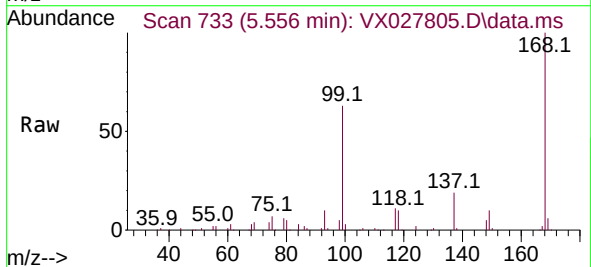
Tgt Ion: 56 Resp: 1734

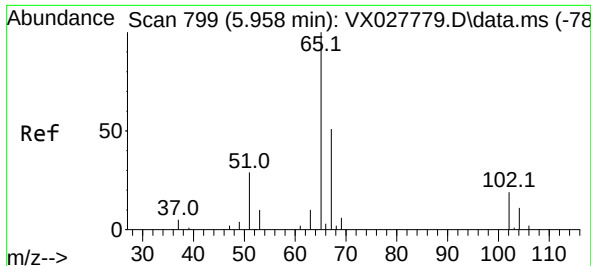
Ion Ratio Lower Upper

56 100

69 170.0 26.7 40.1#

84 158.2 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 50.769 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027805.D

Acq: 30 Mar 2022 13:06

Instrument :

MSVOA_X

ClientSampleId :

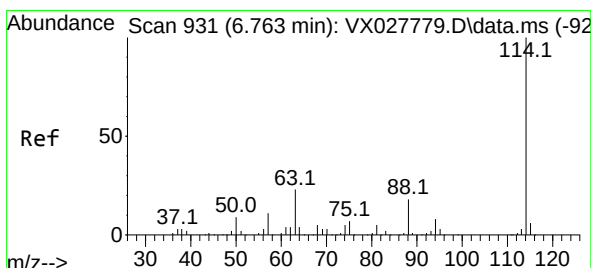
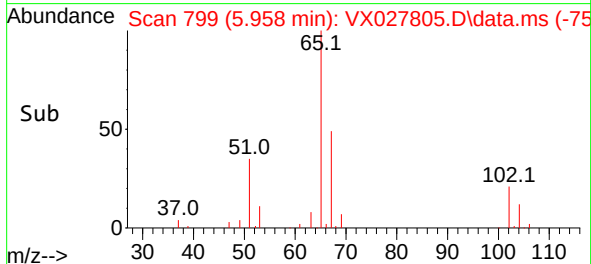
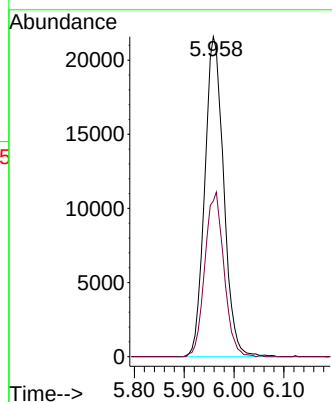
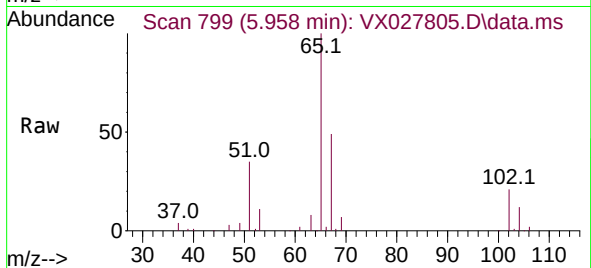
RE108D2-20220318

Tgt Ion: 65 Resp: 56973

Ion Ratio Lower Upper

65 100

67 51.7 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX027805.D

Acq: 30 Mar 2022 13:06

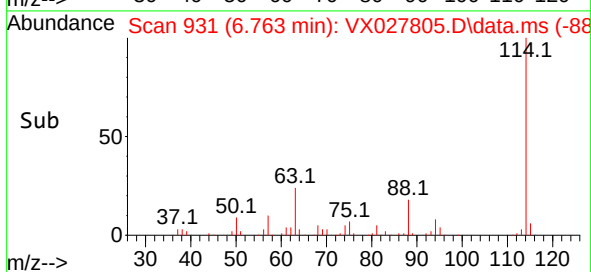
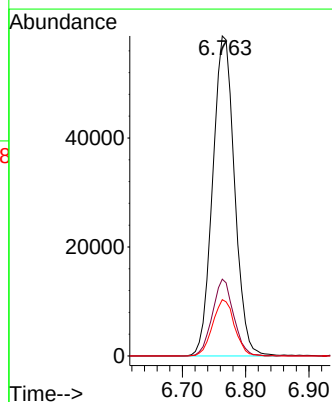
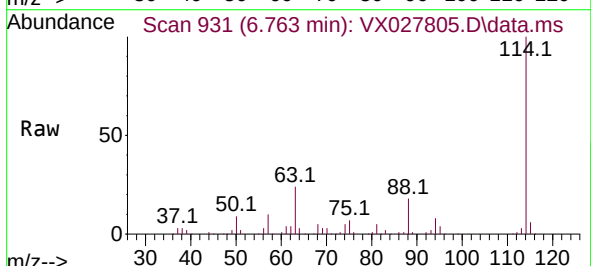
Tgt Ion: 114 Resp: 140773

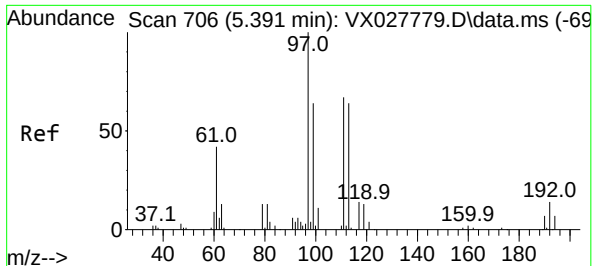
Ion Ratio Lower Upper

114 100

63 24.0 0.0 36.8

88 17.6 0.0 32.4





#35

Dibromofluoromethane

Concen: 53.545 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027805.D

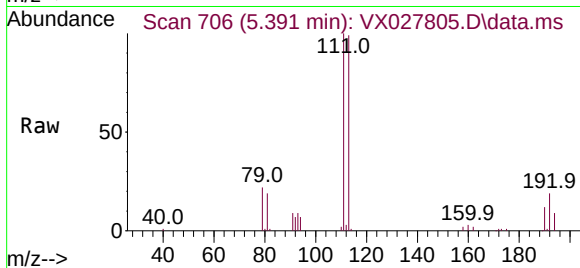
Acq: 30 Mar 2022 13:06

Instrument :

MSVOA_X

ClientSampleId :

RE108D2-20220318



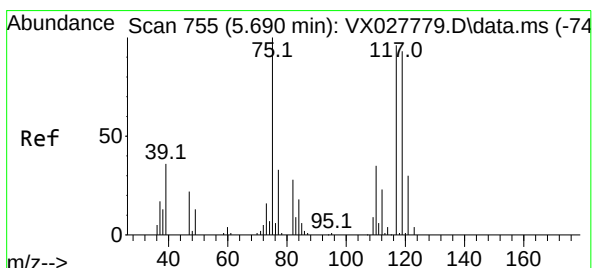
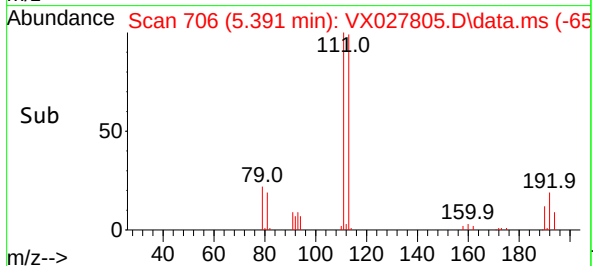
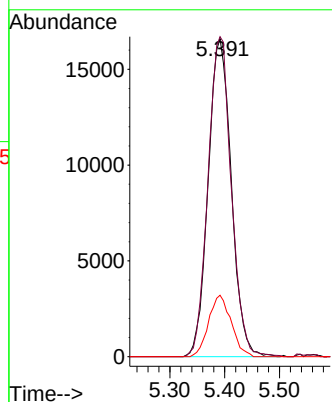
Tgt Ion:113 Resp: 48654

Ion Ratio Lower Upper

113 100

111 101.3 82.8 124.2

192 18.8 16.9 25.3



#36

1,1-Dichloropropene

Concen: 5.841 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.128 min

Lab File: VX027805.D

Acq: 30 Mar 2022 13:06

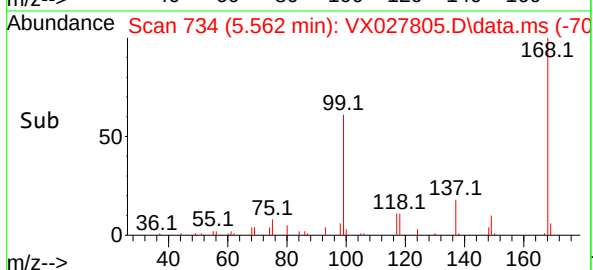
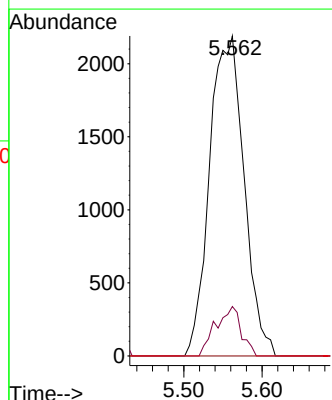
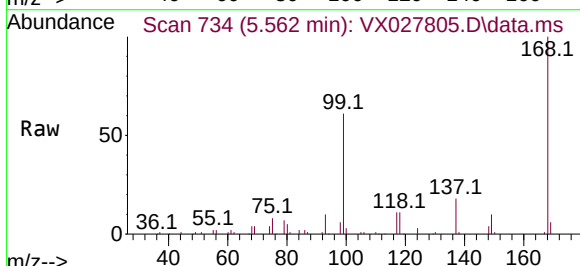
Tgt Ion: 75 Resp: 6685

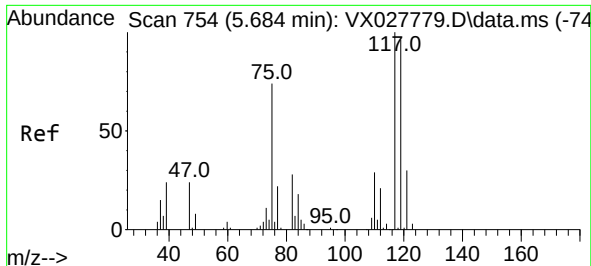
Ion Ratio Lower Upper

75 100

110 11.4 18.3 54.8#

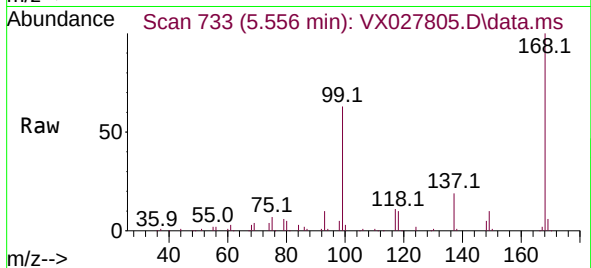
77 0.0 24.8 37.2#



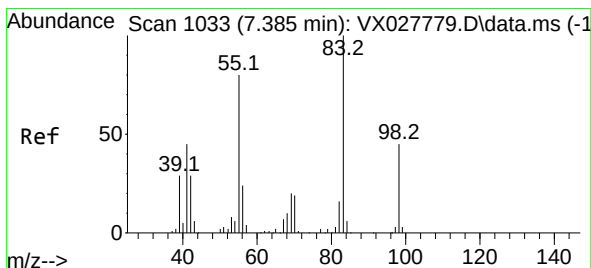
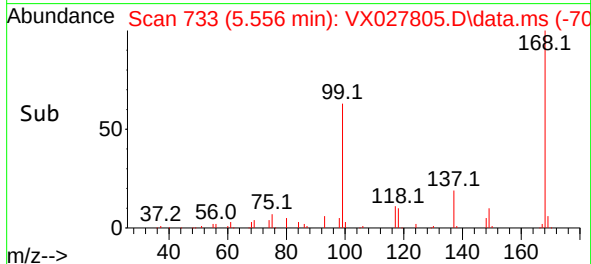
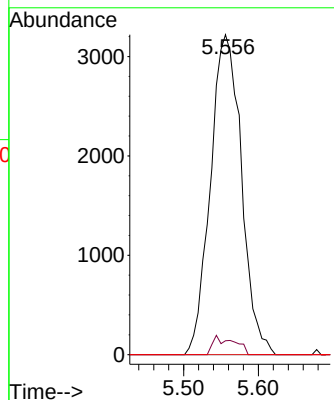


#38
Carbon Tetrachloride
Concen: 7.335 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX027805.D
Acq: 30 Mar 2022 13:06

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20220318

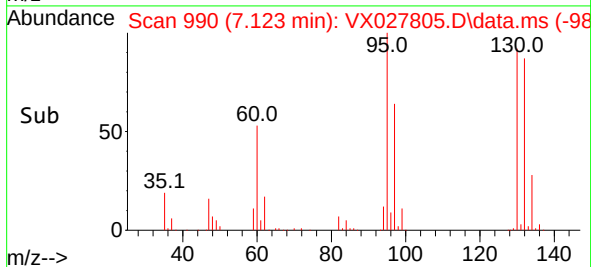
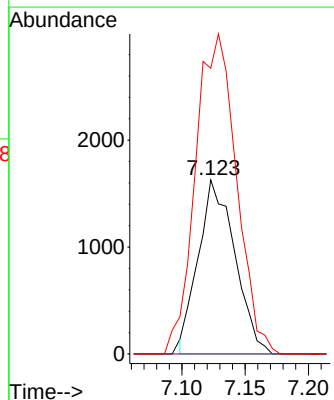
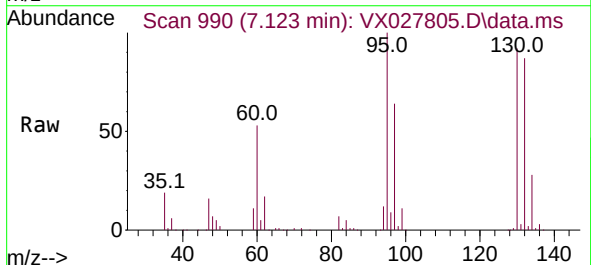


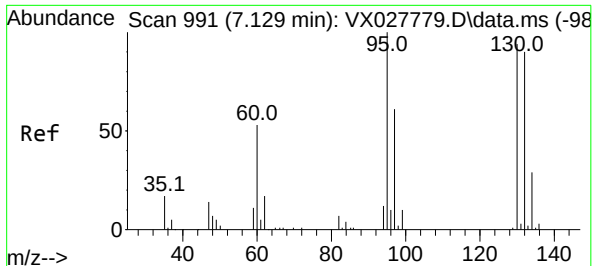
Tgt Ion:117 Resp: 9274
Ion Ratio Lower Upper
117 100
119 4.3 77.3 115.9#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 2.425 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.262 min
Lab File: VX027805.D
Acq: 30 Mar 2022 13:06

Tgt Ion: 83 Resp: 3266
Ion Ratio Lower Upper
83 100
55 0.0 54.6 81.8#
98 164.2 37.4 56.2#

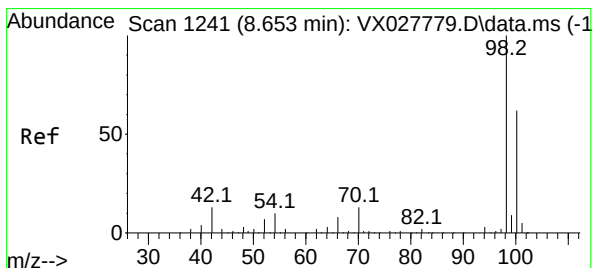
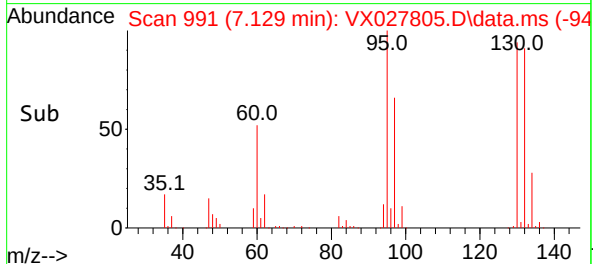
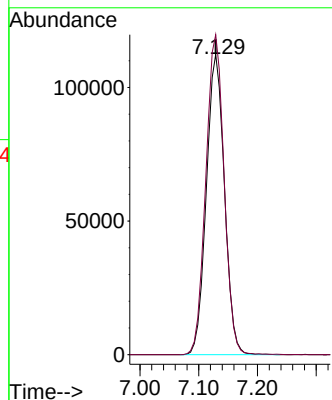
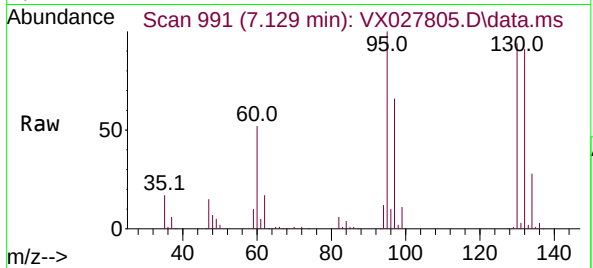




#44
 Trichloroethene
 Concen: 254.699 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. -0.000 min
 Lab File: VX027805.D
 Acq: 30 Mar 2022 13:06

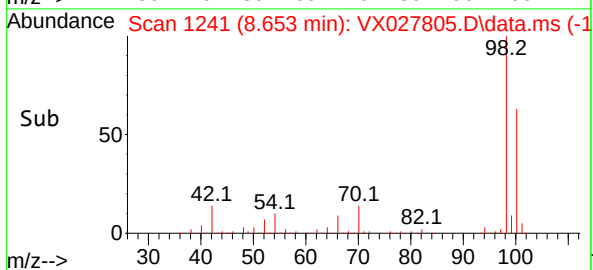
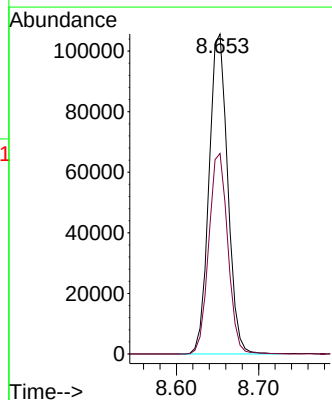
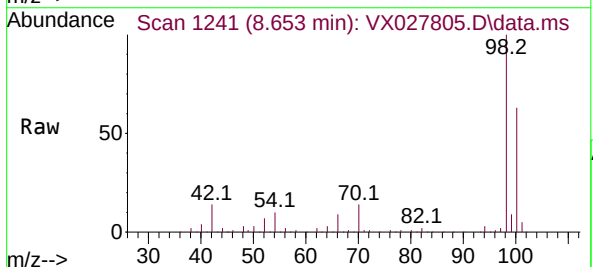
Instrument :
 MSVOA_X
 ClientSampleId :
 RE108D2-20220318

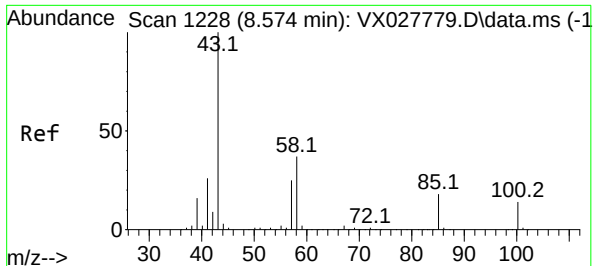
Tgt Ion:130 Resp: 240062
 Ion Ratio Lower Upper
 130 100
 95 106.6 0.0 188.8



#50
 Toluene-d8
 Concen: 52.099 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. -0.000 min
 Lab File: VX027805.D
 Acq: 30 Mar 2022 13:06

Tgt Ion: 98 Resp: 166565
 Ion Ratio Lower Upper
 98 100
 100 63.8 52.6 78.8

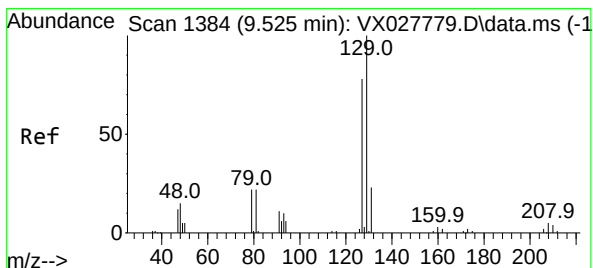
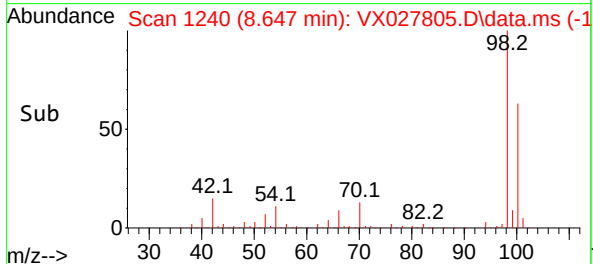
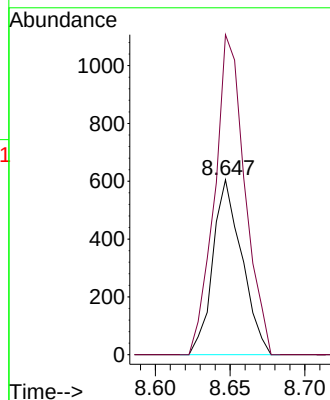
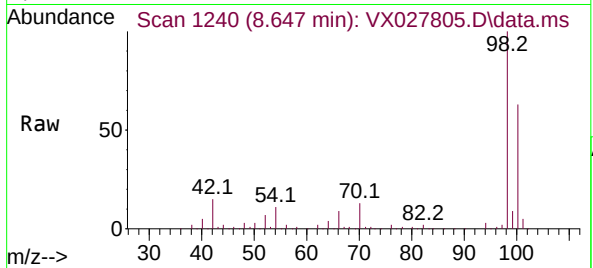




#51
4-Methyl-2-Pentanone
Concen: 0.520 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX027805.D
Acq: 30 Mar 2022 13:06

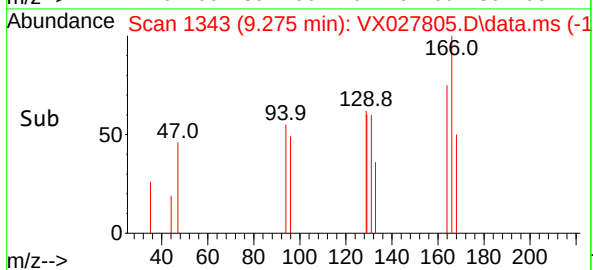
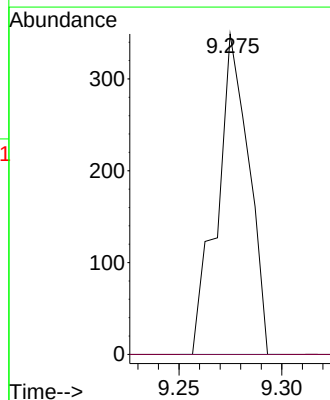
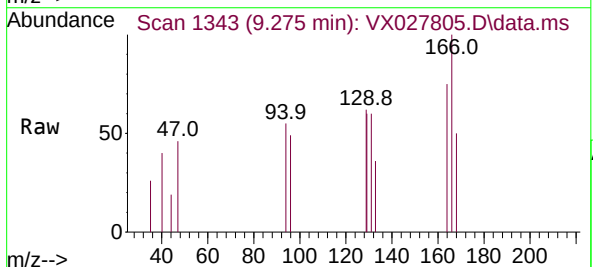
Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20220318

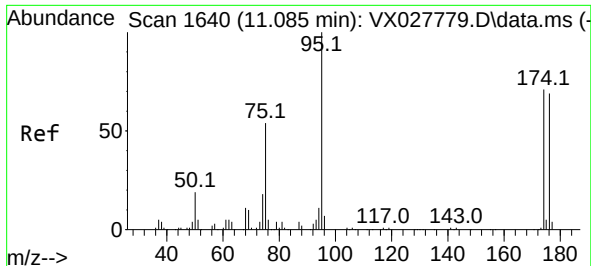
Tgt Ion: 43 Resp: 819
Ion Ratio Lower Upper
43 100
58 190.2 36.1 54.1#



#60
Dibromochloromethane
Concen: 0.371 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX027805.D
Acq: 30 Mar 2022 13:06

Tgt Ion: 129 Resp: 373
Ion Ratio Lower Upper
129 100
127 0.0 40.3 120.8#





#62

4-Bromofluorobenzene

Concen: 48.162 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX027805.D

Acq: 30 Mar 2022 13:06

Instrument :

MSVOA_X

ClientSampleId :

RE108D2-20220318

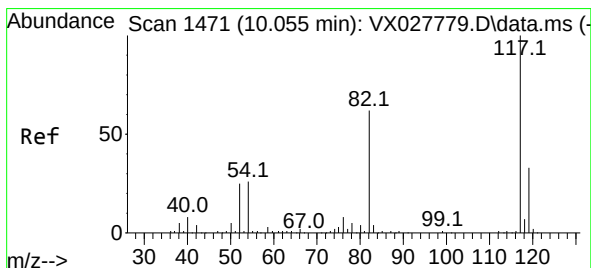
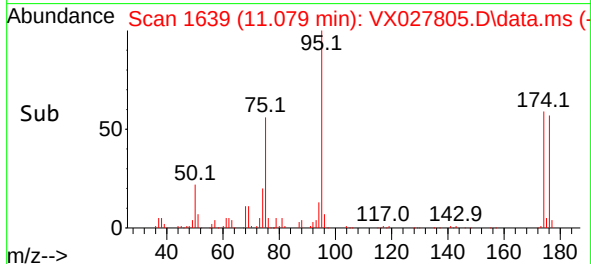
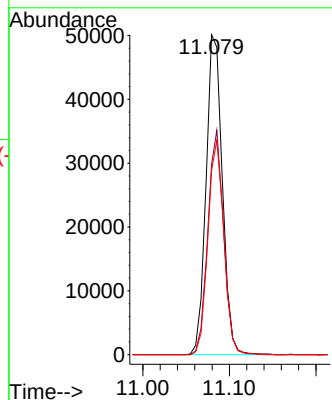
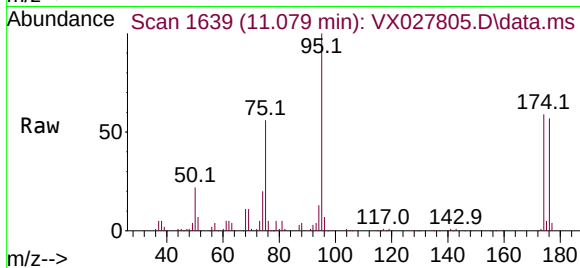
Tgt Ion: 95 Resp: 65435

Ion Ratio Lower Upper

95 100

174 68.2 0.0 163.0

176 65.5 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: VX027805.D

Acq: 30 Mar 2022 13:06

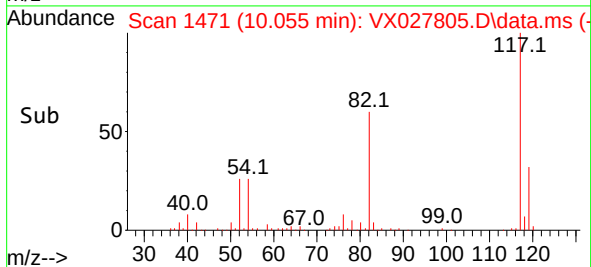
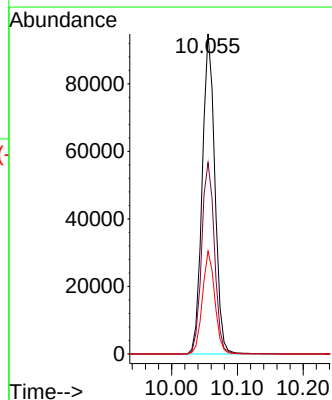
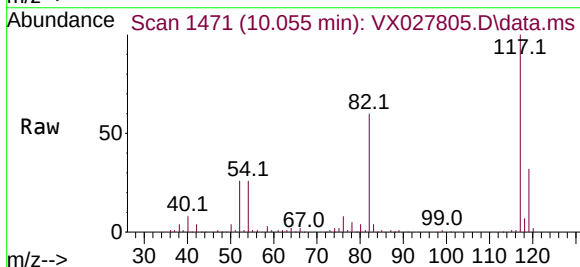
Tgt Ion: 117 Resp: 126157

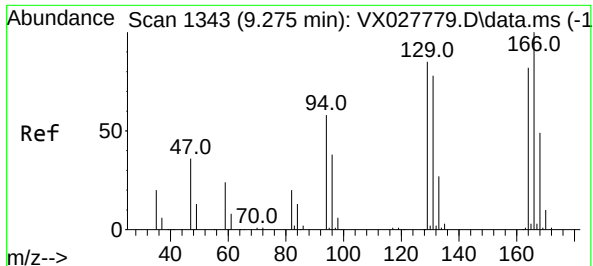
Ion Ratio Lower Upper

117 100

82 59.8 41.8 62.8

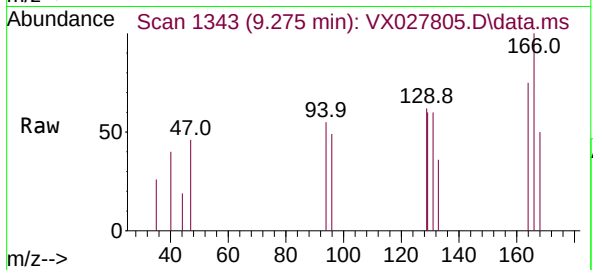
119 32.1 24.8 37.2



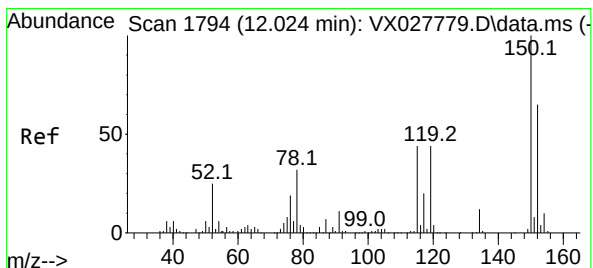
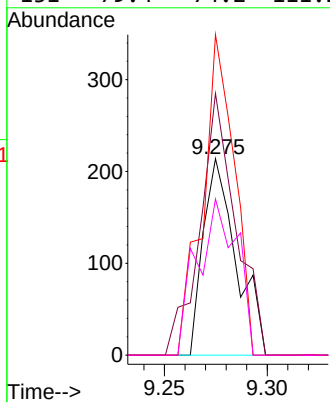
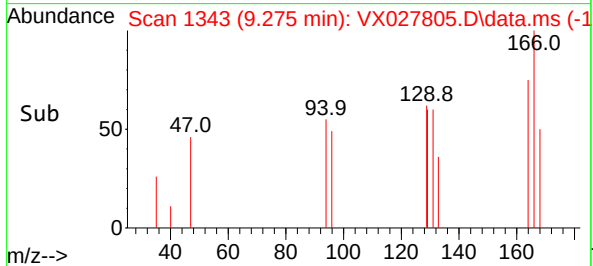


#64
Tetrachloroethene
Concen: 0.278 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027805.D
Acq: 30 Mar 2022 13:06

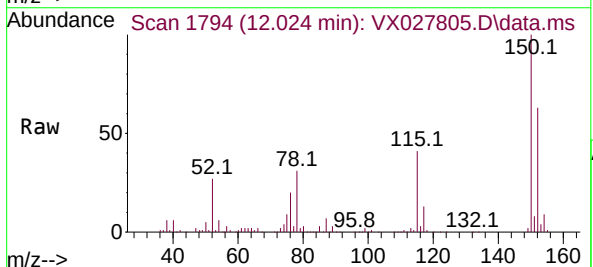
Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20220318



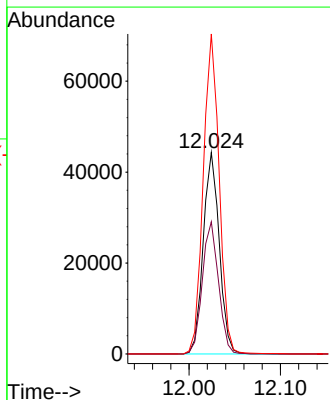
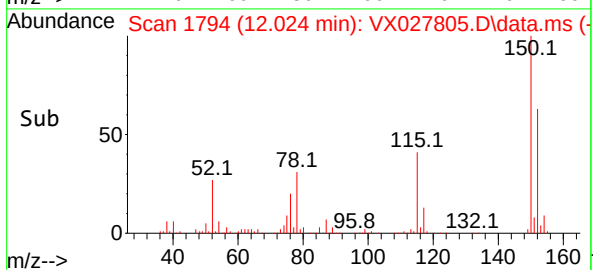
Tgt Ion:164 Resp: 238
Ion Ratio Lower Upper
164 100
166 133.2 101.2 151.8
129 163.1 73.0 109.4#
131 79.4 74.2 111.2

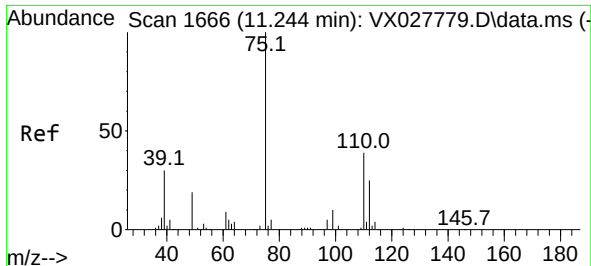


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027805.D
Acq: 30 Mar 2022 13:06



Tgt Ion:152 Resp: 53789
Ion Ratio Lower Upper
152 100
115 66.2 37.5 112.7
150 158.1 0.0 338.2

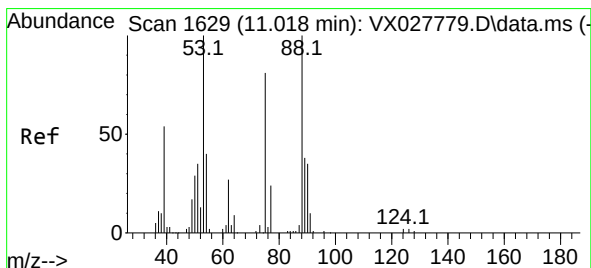
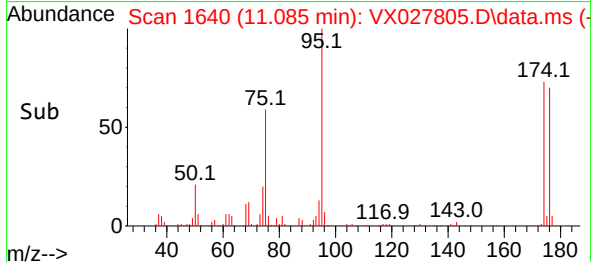
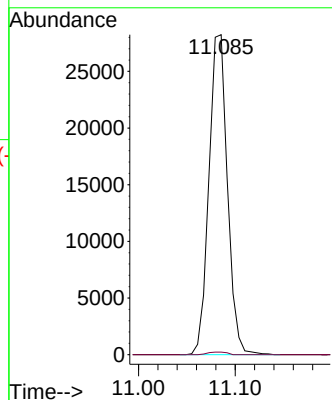
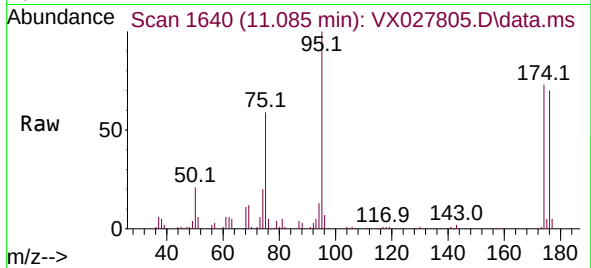




#76
1,2,3-Trichloropropane
Concen: 29.803 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX027805.D
Acq: 30 Mar 2022 13:06

Instrument :
MSVOA_X
ClientSampleId :
RE108D2-20220318

Tgt Ion: 75 Resp: 37606
Ion Ratio Lower Upper
75 100
77 0.8 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.834 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX027805.D
Acq: 30 Mar 2022 13:06

Tgt Ion: 75 Resp: 37606
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

