

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032922\
 Data File : VX027789.D
 Acq On : 29 Mar 2022 21:29
 Operator : JC/MD
 Sample : N2041-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D3-20220316

Quant Time: Mar 30 05:15:37 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)

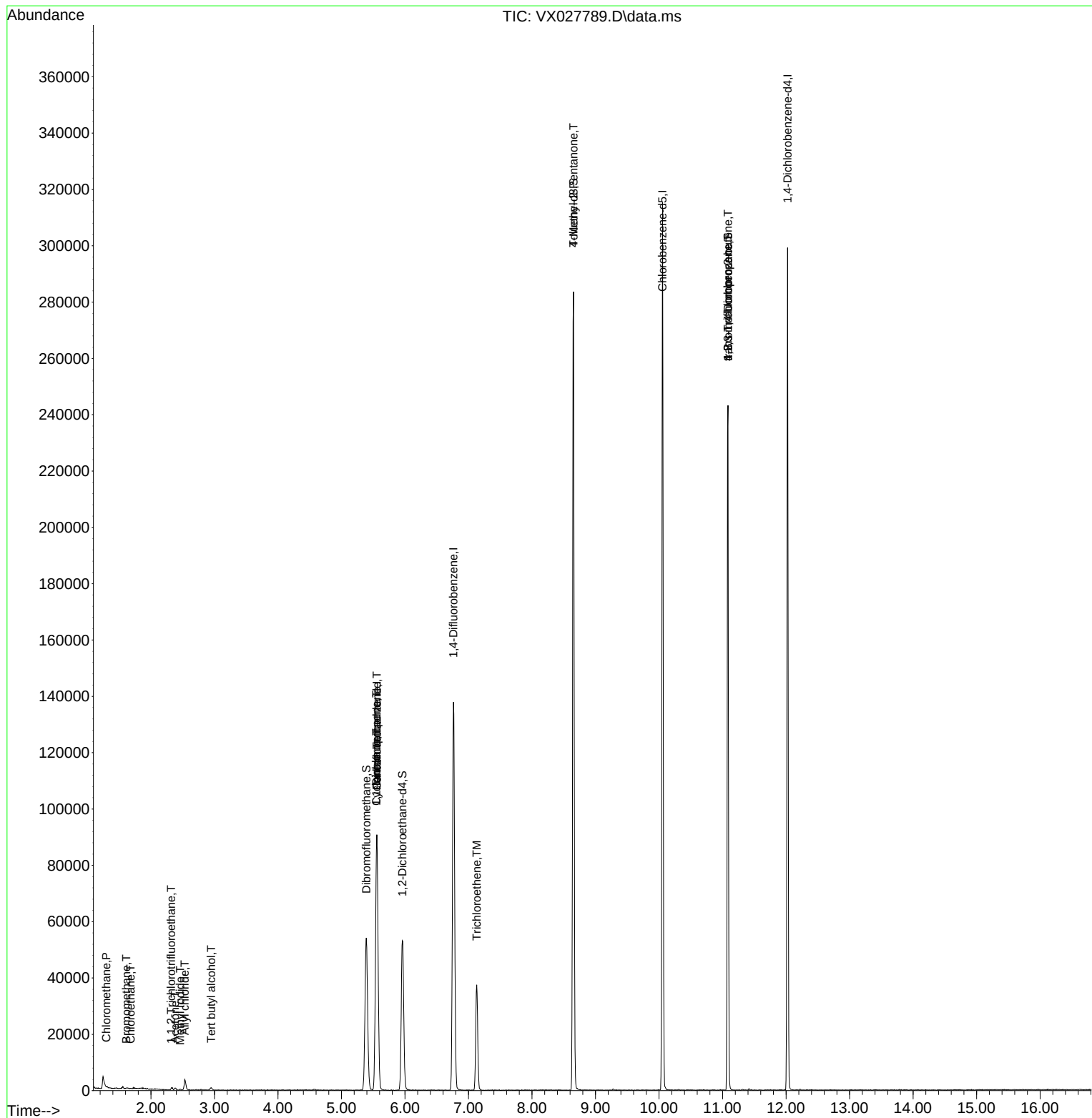
Internal Standards						
1) Pentafluorobenzene	5.556	168	86661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	145689	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126267	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	53781	48.098	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.200%
35) Dibromofluoromethane	5.391	113	47858	50.892	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.780%
50) Toluene-d8	8.653	98	167368	50.584	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.160%
62) 4-Bromofluorobenzene	11.085	95	66906	47.583	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.160%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	144	0.208	ug/l #	42
5) Bromomethane	1.611	94	210	0.654	ug/l	90
6) Chloroethane	1.678	64	116	0.242	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.319	101	381	0.470	ug/l #	94
10) Methyl Iodide	2.459	142	289	0.307	ug/l #	90
11) Tert butyl alcohol	2.947	59	576	2.682	ug/l #	72
14) Allyl chloride	2.532	41	406	0.297	ug/l #	74
16) Acetone	2.380	43	935	1.889	ug/l #	87
31) Cyclohexane	5.550	56	1520	1.230	ug/l #	9
36) 1,1-Dichloropropene	5.550	75	6303	5.322	ug/l #	49
38) Carbon Tetrachloride	5.556	117	9039	6.908	ug/l #	16
44) Trichloroethene	7.129	130	14931	15.307	ug/l	96
51) 4-Methyl-2-Pentanone	8.653	43	793	0.486	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	37573	29.660	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	37573	86.432	ug/l #	15

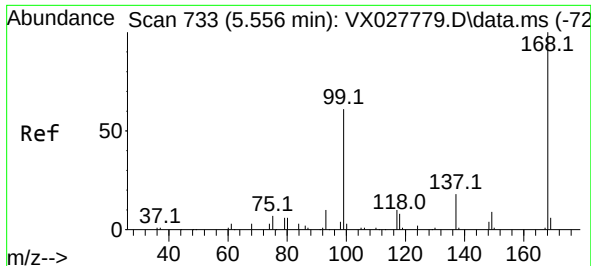
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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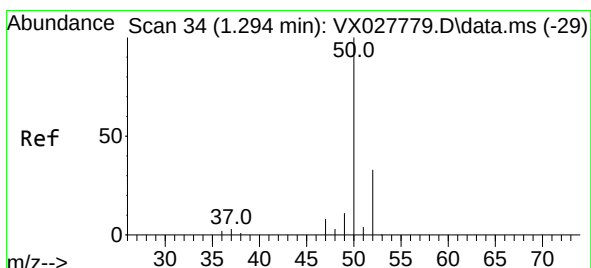
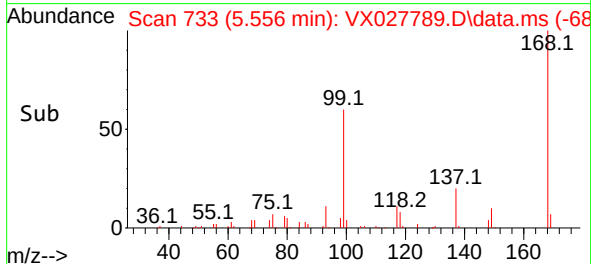
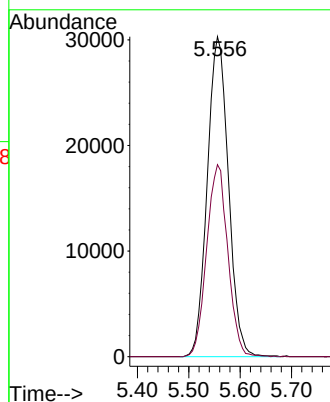
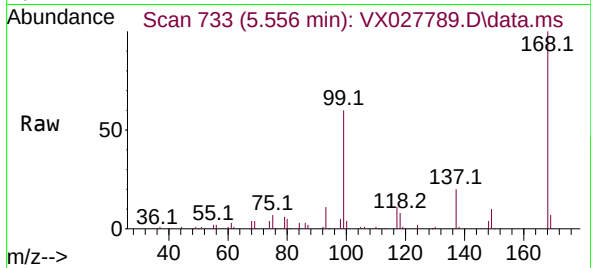




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027789.D
Acq: 29 Mar 2022 21:29

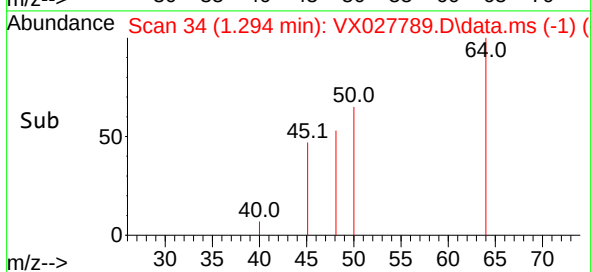
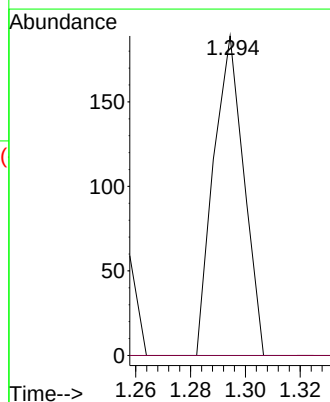
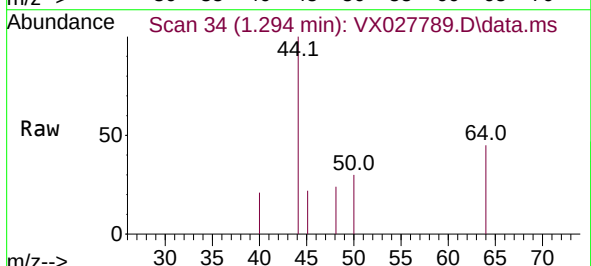
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20220316

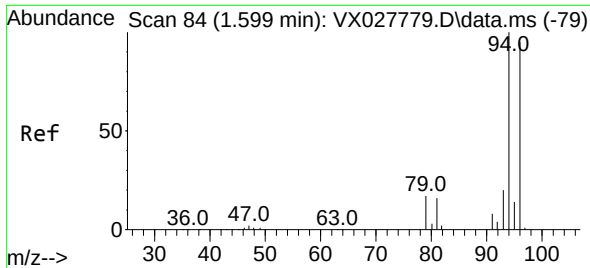
Tgt Ion:168 Resp: 86661
Ion Ratio Lower Upper
168 100
99 60.0 41.7 62.5



#3
Chloromethane
Concen: 0.208 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027789.D
Acq: 29 Mar 2022 21:29

Tgt Ion: 50 Resp: 144
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

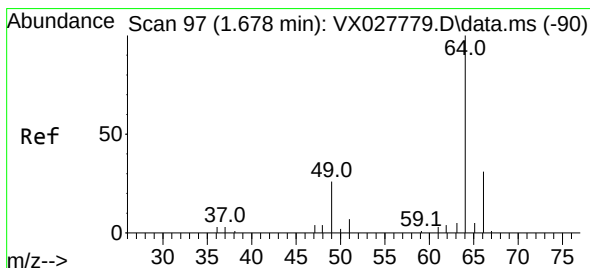
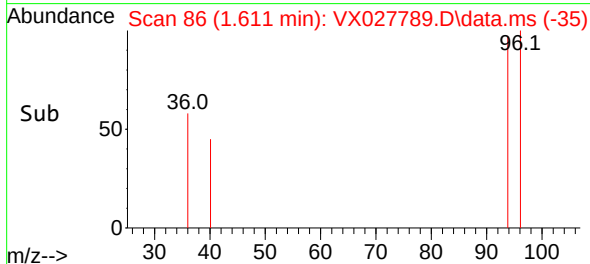
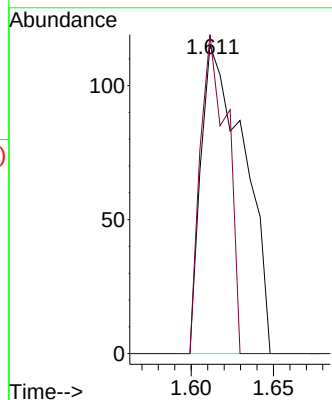
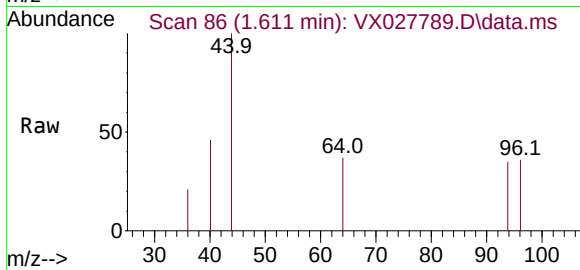




#5
Bromomethane
Concen: 0.654 ug/l
RT: 1.611 min Scan# 84
Delta R.T. 0.012 min
Lab File: VX027789.D
Acq: 29 Mar 2022 21:29

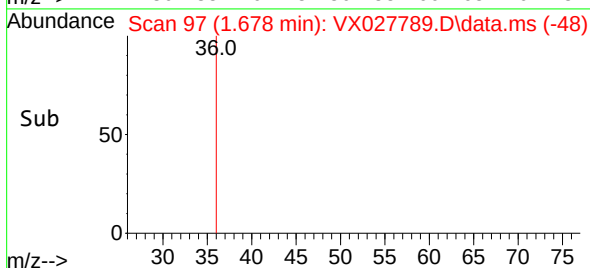
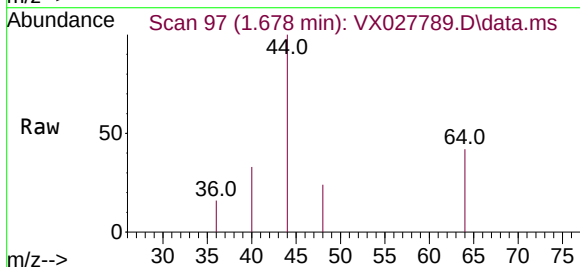
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20220316

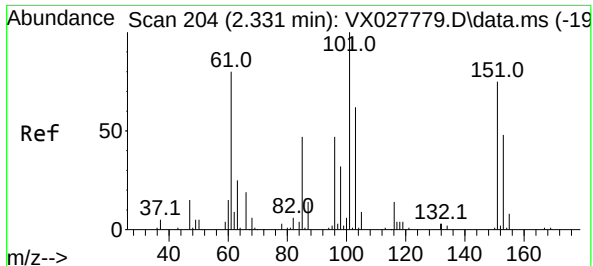
Tgt Ion: 94 Resp: 210
Ion Ratio Lower Upper
94 100
96 103.5 75.3 112.9



#6
Chloroethane
Concen: 0.242 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.000 min
Lab File: VX027789.D
Acq: 29 Mar 2022 21:29

Tgt Ion: 64 Resp: 116
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

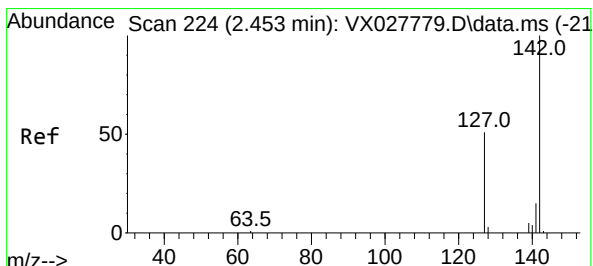
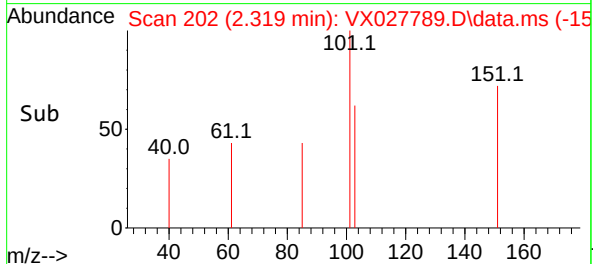
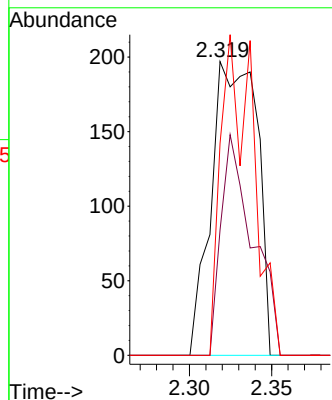
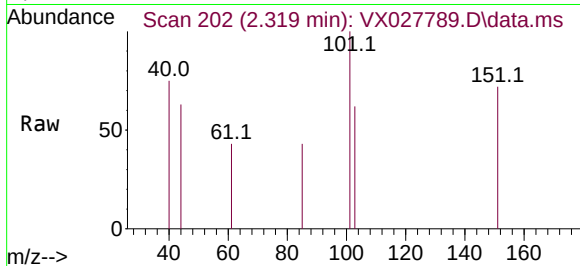




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.470 ug/l
RT: 2.319 min Scan# 204
Delta R.T. -0.012 min
Lab File: VX027789.D
Acq: 29 Mar 2022 21:29

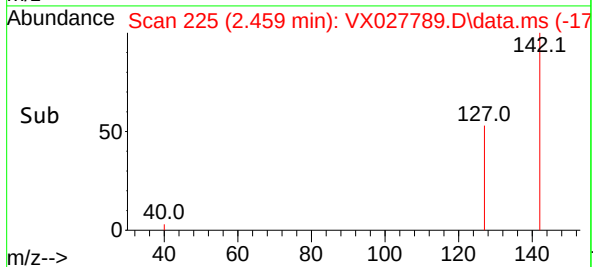
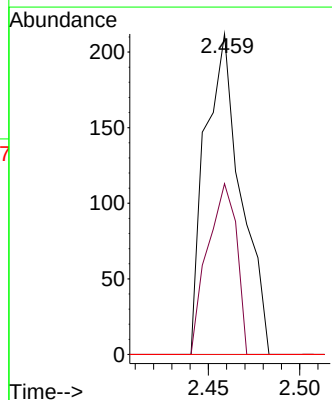
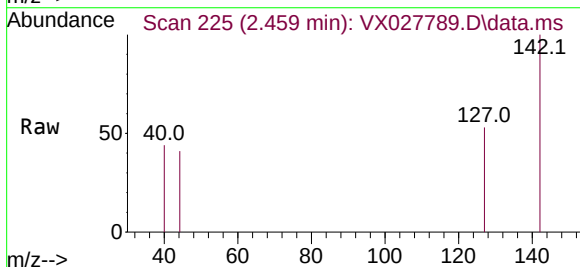
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20220316

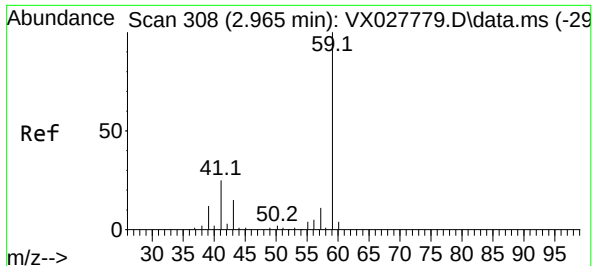
Tgt Ion:101 Resp: 381
Ion Ratio Lower Upper
101 100
85 52.5 33.5 50.3#
151 77.7 61.8 92.6



#10
Methyl Iodide
Concen: 0.307 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX027789.D
Acq: 29 Mar 2022 21:29

Tgt Ion:142 Resp: 289
Ion Ratio Lower Upper
142 100
127 43.3 33.9 50.9
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: 2.682 ug/l

RT: 2.947 min Scan# 30

Delta R.T. -0.018 min

Lab File: VX027789.D

Acq: 29 Mar 2022 21:29

Instrument :

MSVOA_X

ClientSampleId :

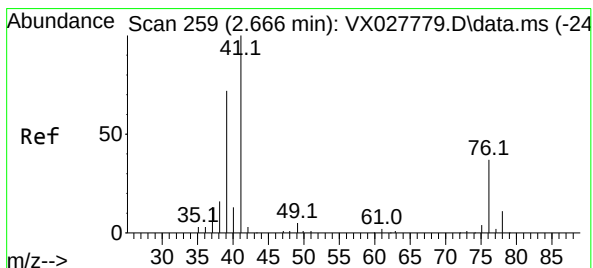
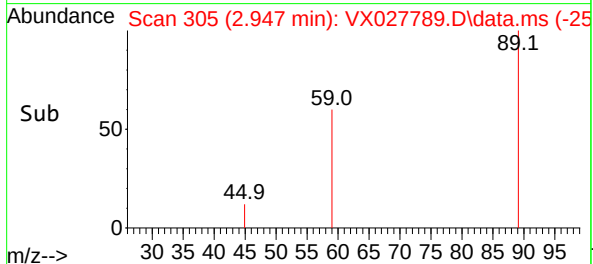
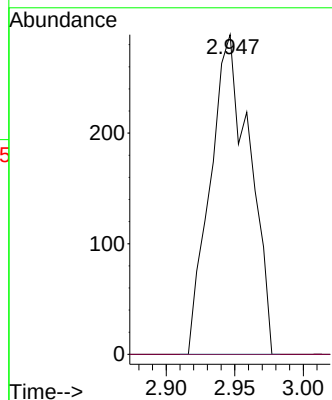
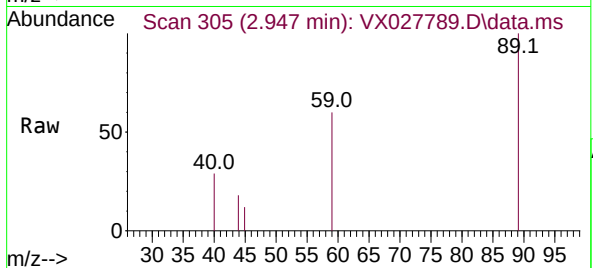
RE120D3-20220316

Tgt Ion: 59 Resp: 576

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#14

Allyl chloride

Concen: 0.297 ug/l

RT: 2.532 min Scan# 237

Delta R.T. -0.134 min

Lab File: VX027789.D

Acq: 29 Mar 2022 21:29

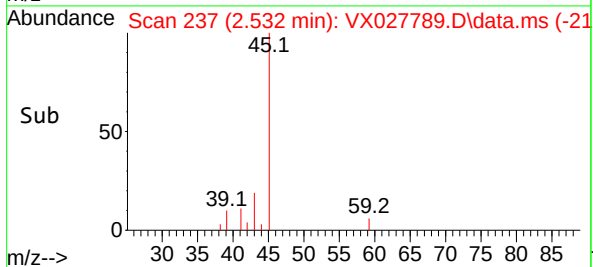
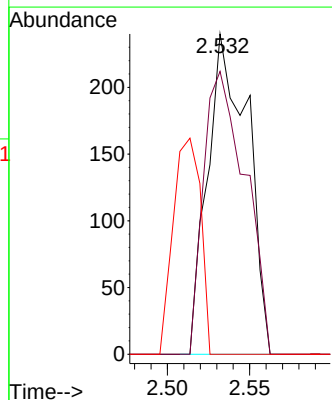
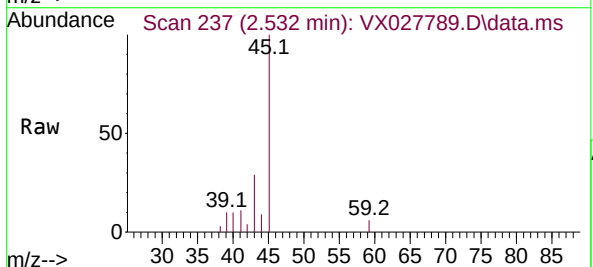
Tgt Ion: 41 Resp: 406

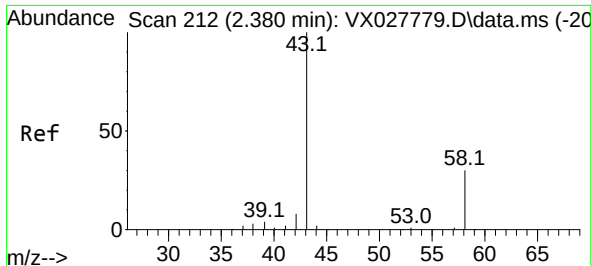
Ion Ratio Lower Upper

41 100

39 91.9 50.4 75.6#

76 46.6 32.7 49.1

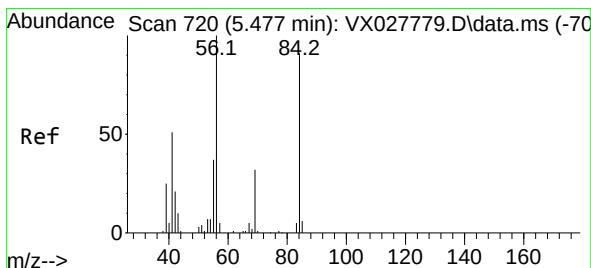
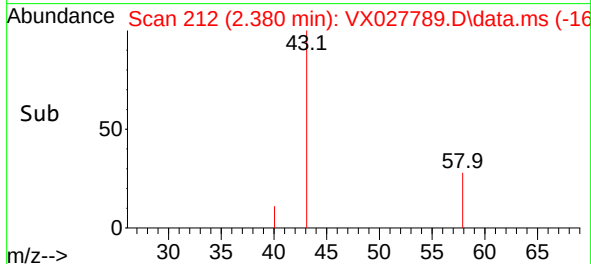
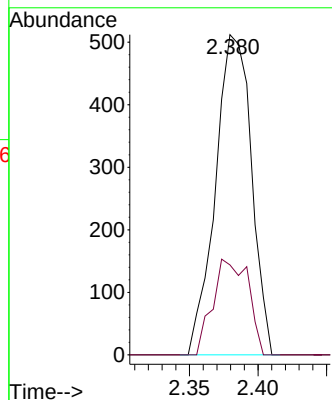
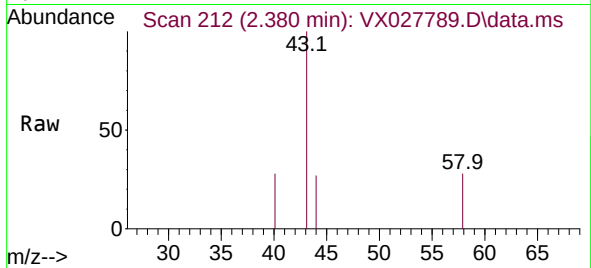




#16
Acetone
Concen: 1.889 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027789.D
Acq: 29 Mar 2022 21:29

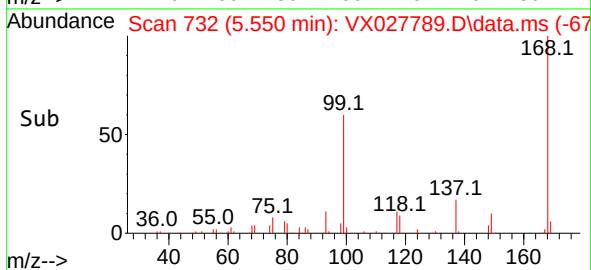
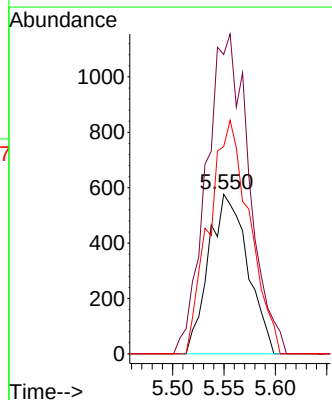
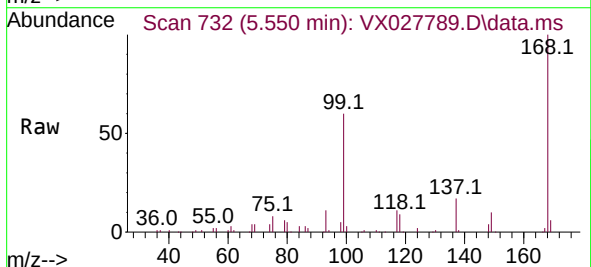
Instrument :
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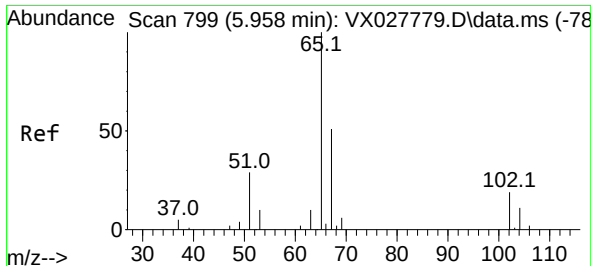
Tgt Ion: 43 Resp: 935
Ion Ratio Lower Upper
43 100
58 28.1 28.8 43.2#



#31
Cyclohexane
Concen: 1.230 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX027789.D
Acq: 29 Mar 2022 21:29

Tgt Ion: 56 Resp: 1520
Ion Ratio Lower Upper
56 100
69 177.8 26.7 40.1#
84 130.0 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 48.098 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027789.D

Acq: 29 Mar 2022 21:29

Instrument :

MSVOA_X

ClientSampleId :

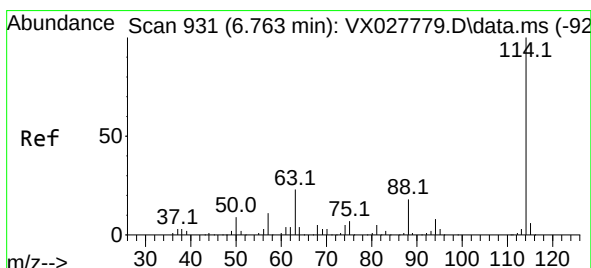
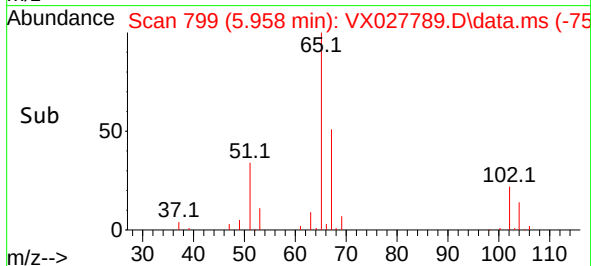
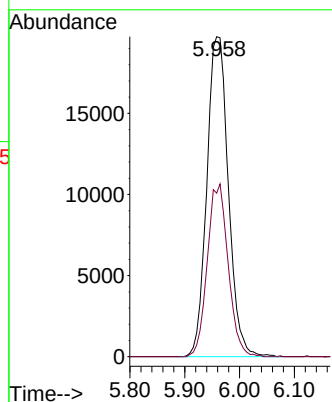
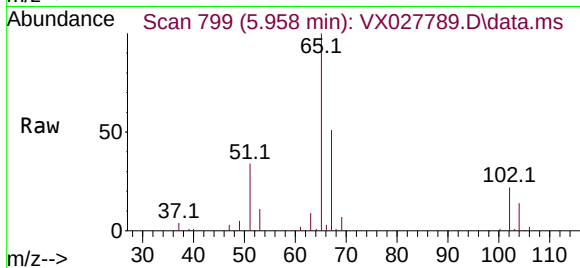
RE120D3-20220316

Tgt Ion: 65 Resp: 53781

Ion Ratio Lower Upper

65 100

67 52.2 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: VX027789.D

Acq: 29 Mar 2022 21:29

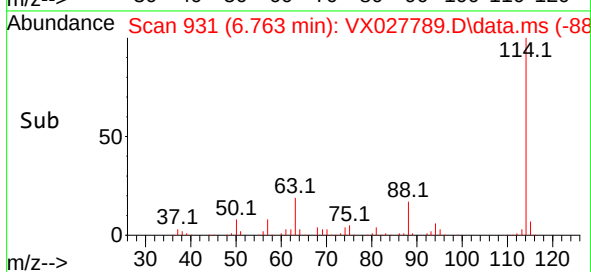
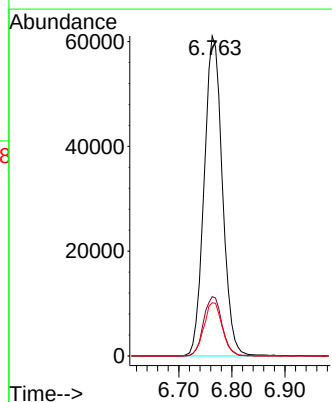
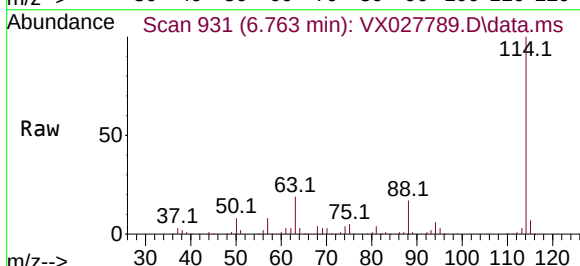
Tgt Ion: 114 Resp: 145689

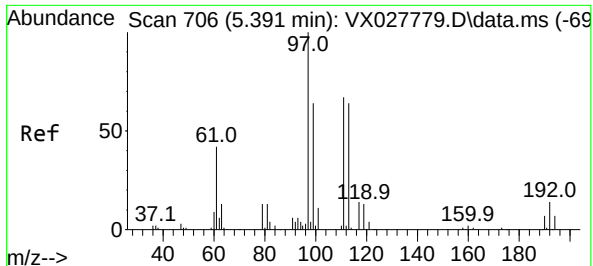
Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.8

88 16.6 0.0 32.4

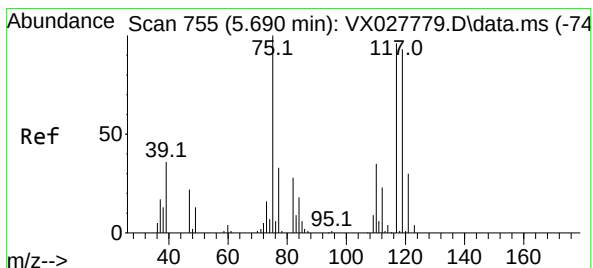
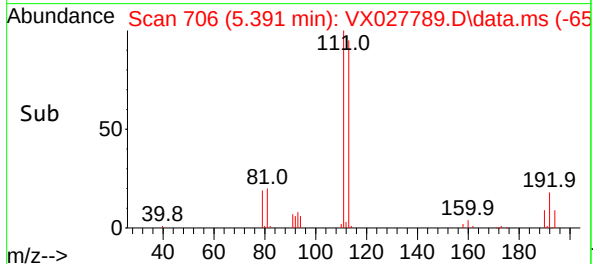
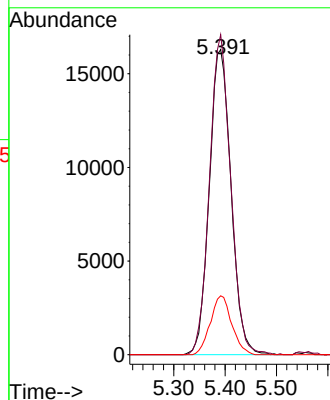
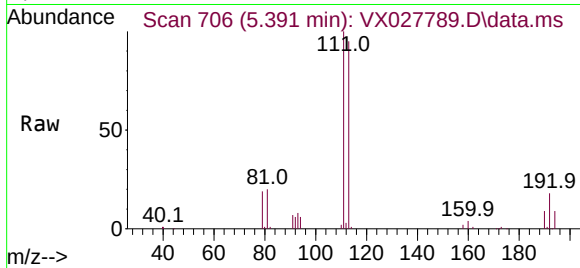




#35
Dibromofluoromethane
Concen: 50.892 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027789.D
Acq: 29 Mar 2022 21:29

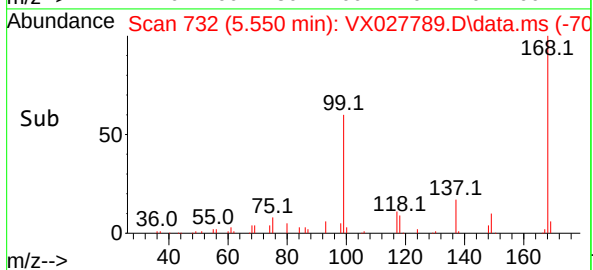
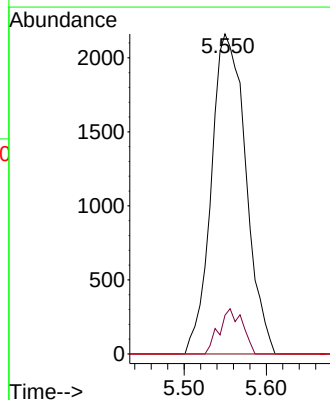
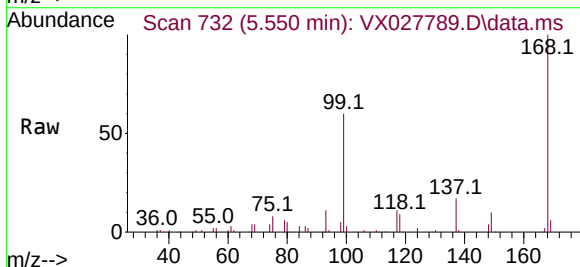
Instrument :
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RE120D3-20220316

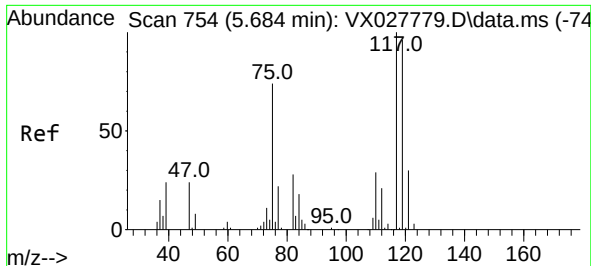
Tgt Ion:113 Resp: 47858
Ion Ratio Lower Upper
113 100
111 102.1 82.8 124.2
192 19.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.322 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX027789.D
Acq: 29 Mar 2022 21:29

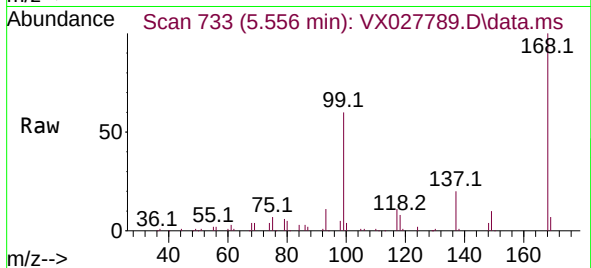
Tgt Ion: 75 Resp: 6303
Ion Ratio Lower Upper
75 100
110 9.6 18.3 54.8#
77 0.0 24.8 37.2#



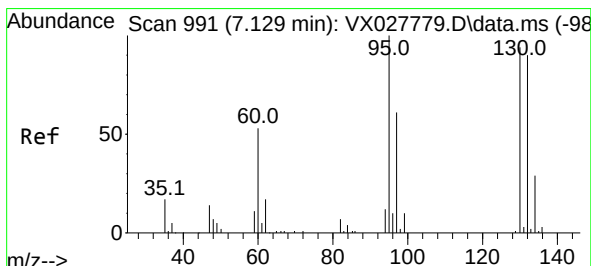
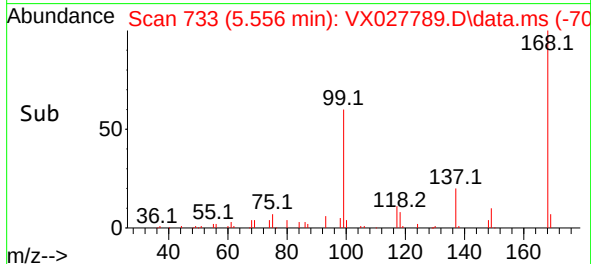
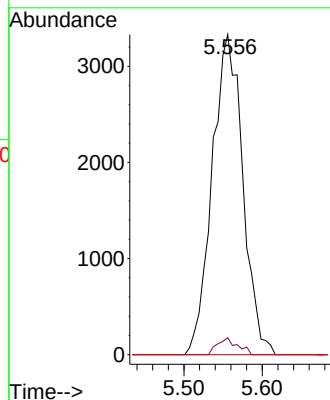


#38
Carbon Tetrachloride
Concen: 6.908 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX027789.D
Acq: 29 Mar 2022 21:29

Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20220316

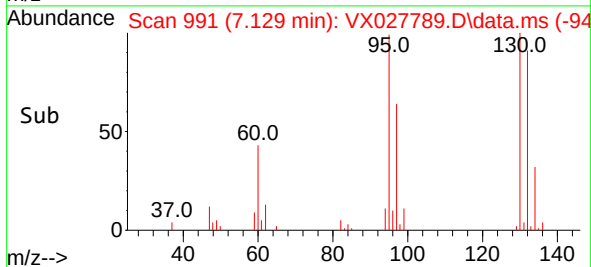
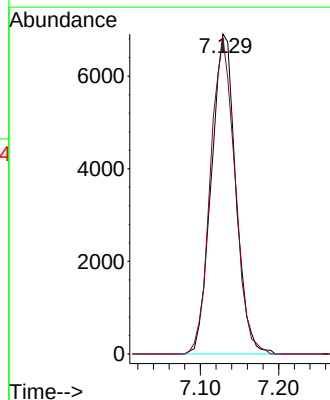
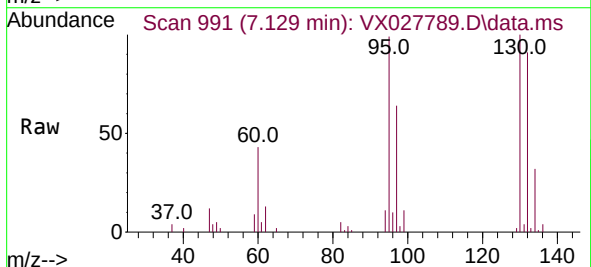


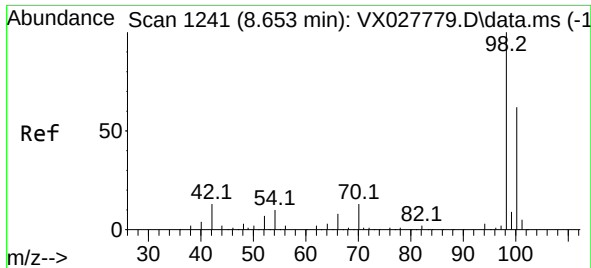
Tgt Ion:117 Resp: 9039
Ion Ratio Lower Upper
117 100
119 5.3 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 15.307 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX027789.D
Acq: 29 Mar 2022 21:29

Tgt Ion:130 Resp: 14931
Ion Ratio Lower Upper
130 100
95 98.7 0.0 188.8

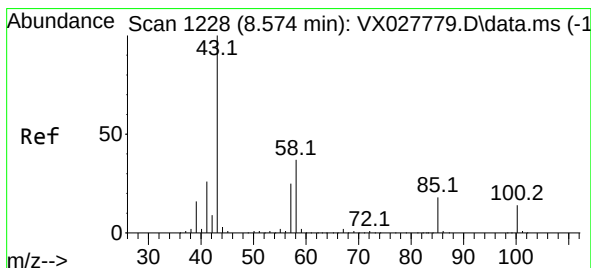
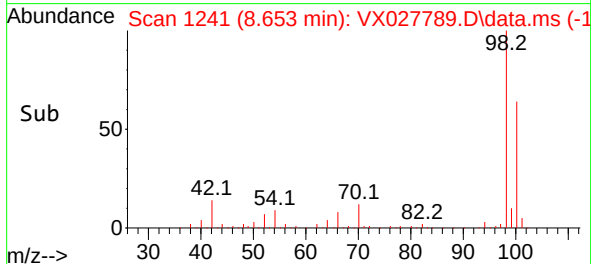
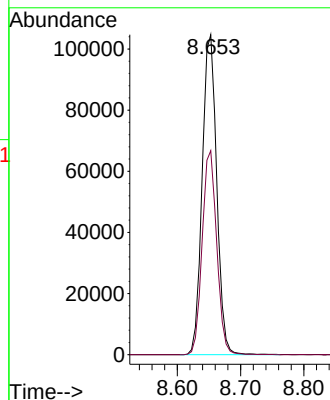
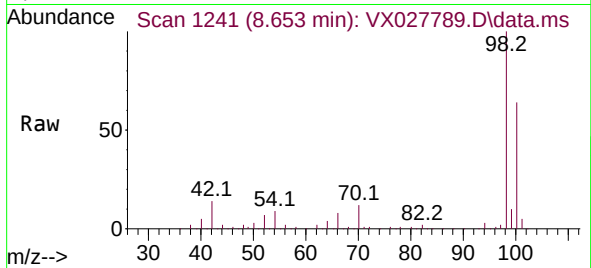




#50
Toluene-d8
Concen: 50.584 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027789.D
Acq: 29 Mar 2022 21:29

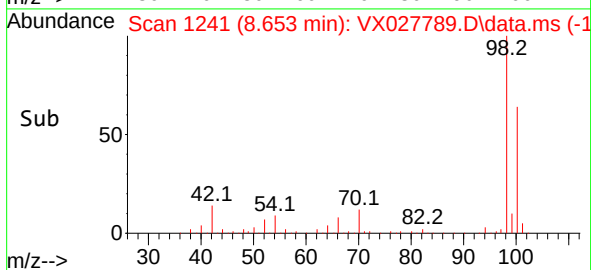
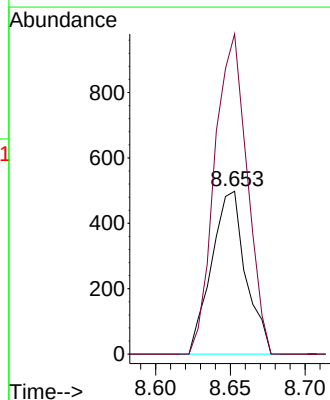
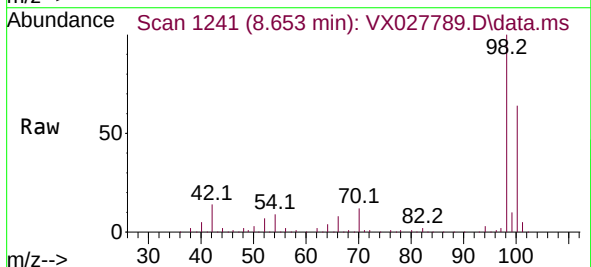
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20220316

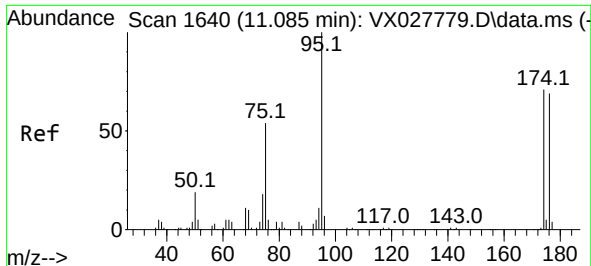
Tgt Ion: 98 Resp: 167368
Ion Ratio Lower Upper
98 100
100 63.8 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.486 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX027789.D
Acq: 29 Mar 2022 21:29

Tgt Ion: 43 Resp: 793
Ion Ratio Lower Upper
43 100
58 186.6 36.1 54.1#

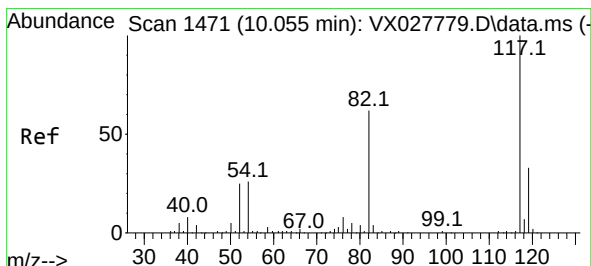
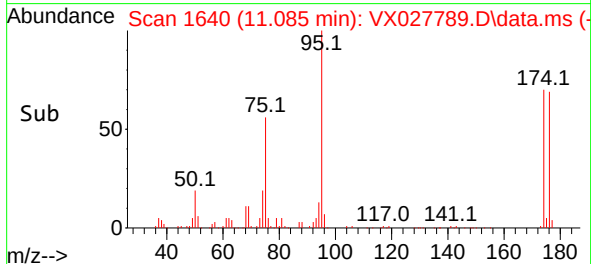
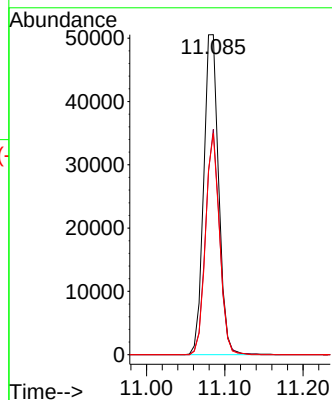
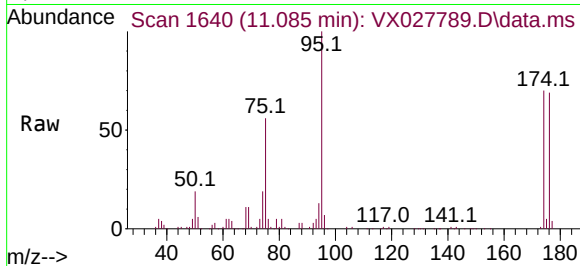




#62
4-Bromofluorobenzene
Concen: 47.583 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027789.D
Acq: 29 Mar 2022 21:29

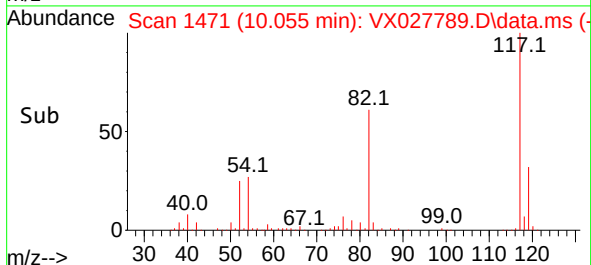
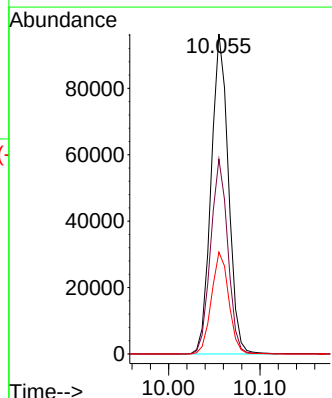
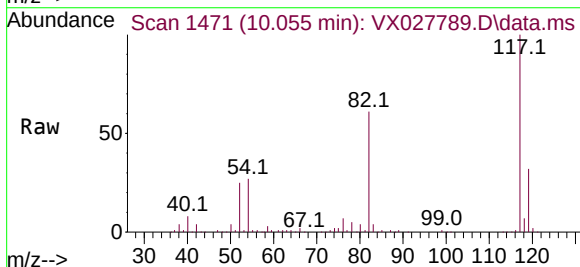
Instrument :
MSVOA_X
ClientSampleId :
RE120D3-20220316

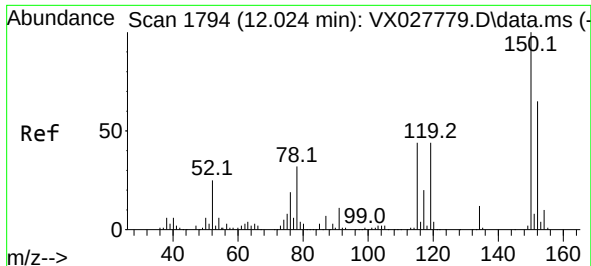
Tgt Ion: 95 Resp: 66906
Ion Ratio Lower Upper
95 100
174 65.6 0.0 163.0
176 64.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027789.D
Acq: 29 Mar 2022 21:29

Tgt Ion: 117 Resp: 126267
Ion Ratio Lower Upper
117 100
82 60.9 41.8 62.8
119 31.8 24.8 37.2

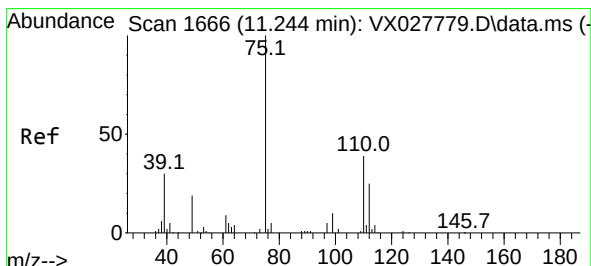
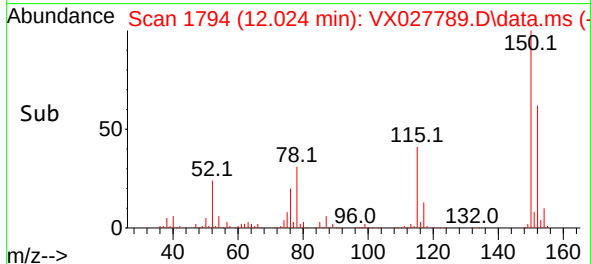
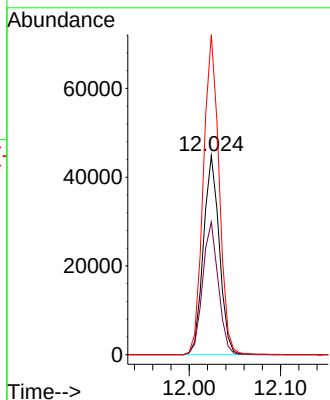
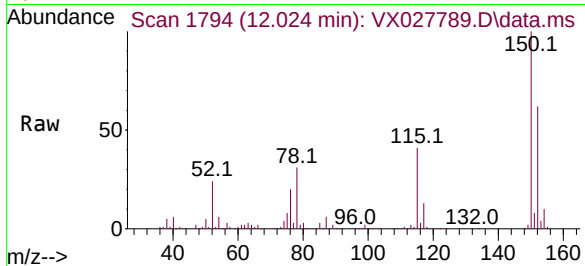




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027789.D
 Acq: 29 Mar 2022 21:29

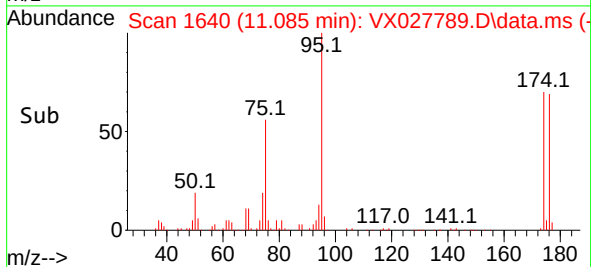
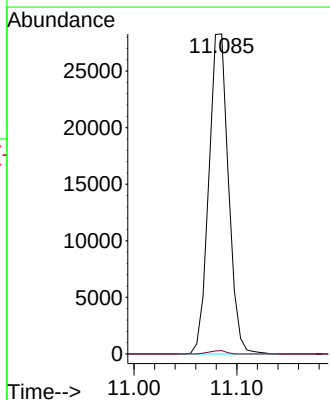
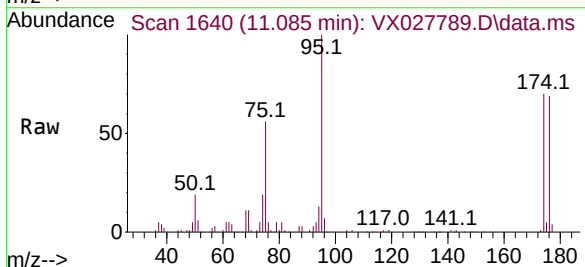
Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D3-20220316

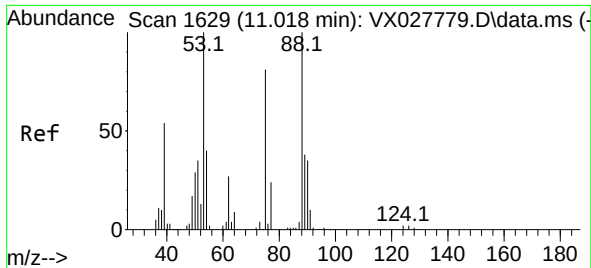
Tgt Ion:152 Resp: 54002
 Ion Ratio Lower Upper
 152 100
 115 65.7 37.5 112.7
 150 159.4 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 29.660 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX027789.D
 Acq: 29 Mar 2022 21:29

Tgt Ion: 75 Resp: 37573
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.432 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX027789.D
 Acq: 29 Mar 2022 21:29

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D3-20220316

Tgt Ion: 75 Resp: 37573
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

