

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033122\
 Data File : VX027871.D
 Acq On : 01 Apr 2022 01:13
 Operator : JC/MD
 Sample : N2074-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-20220321

Quant Time: Apr 01 05:08:48 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)

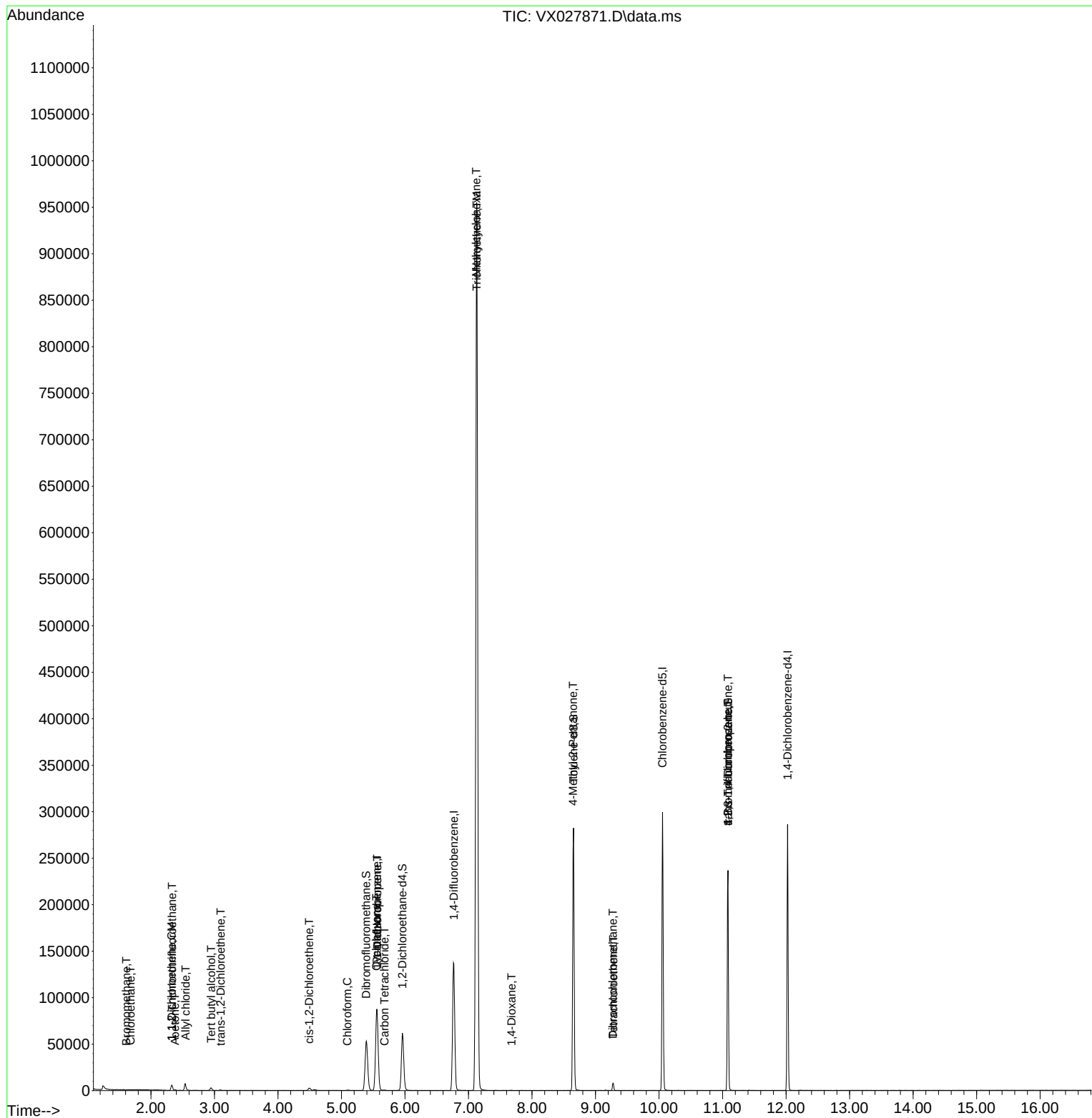
Internal Standards						
1) Pentafluorobenzene	5.556	168	74838	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	132370	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121594	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	52456	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61332	63.516	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 127.040%	
35) Dibromofluoromethane	5.385	113	45689	53.474	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 106.940%	
50) Toluene-d8	8.653	98	159486	53.052	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 106.100%	
62) 4-Bromofluorobenzene	11.085	95	63417	49.640	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 99.280%	
Target Compounds						
						Qvalue
5) Bromomethane	1.611	94	72	0.260	ug/l	# 3
6) Chloroethane	1.678	64	234	0.565	ug/l	# 43
9) 1,1,2-Trichlorotrifluo...	2.331	101	1950	2.783	ug/l	# 92
11) Tert butyl alcohol	2.946	59	1759	9.483	ug/l	# 72
12) 1,1-Dichloroethene	2.325	96	468	0.728	ug/l	# 83
14) Allyl chloride	2.544	41	682	0.578	ug/l	# 57
16) Acetone	2.380	43	825	1.931	ug/l	93
21) trans-1,2-Dichloroethene	3.099	96	236	0.338	ug/l	# 80
27) cis-1,2-Dichloroethene	4.489	96	1652	1.963	ug/l	94
30) Chloroform	5.092	83	469	0.317	ug/l	90
31) Cyclohexane	5.550	56	1834	1.718	ug/l	# 44
36) 1,1-Dichloropropene	5.562	75	6932	6.442	ug/l	# 50
38) Carbon Tetrachloride	5.678	117	472	0.397	ug/l	# 57
39) Methylcyclohexane	7.123	83	4273	3.374	ug/l	# 1
44) Trichloroethene	7.129	130	332920	375.641	ug/l	88
49) 1,4-Dioxane	7.677	88	196	8.860	ug/l	# 61
51) 4-Methyl-2-Pentanone	8.647	43	796	0.537	ug/l	# 1
60) Dibromochloromethane	9.275	129	1360	1.440	ug/l	# 9
64) Tetrachloroethene	9.281	164	1309	1.588	ug/l	# 84
76) 1,2,3-Trichloropropane	11.085	75	36173	29.396	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	36173	85.695	ug/l	# 15

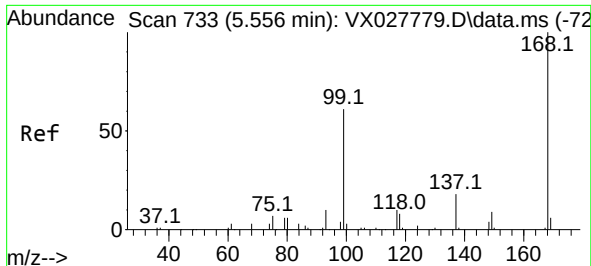
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033122\
Data File : VX027871.D
Acq On : 01 Apr 2022 01:13
Operator : JC/MD
Sample : N2074-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20220321

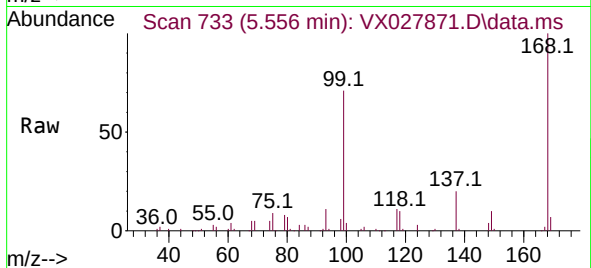
Quant Time: Apr 01 05:08:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 04:39:27 2022
Response via : Initial Calibration



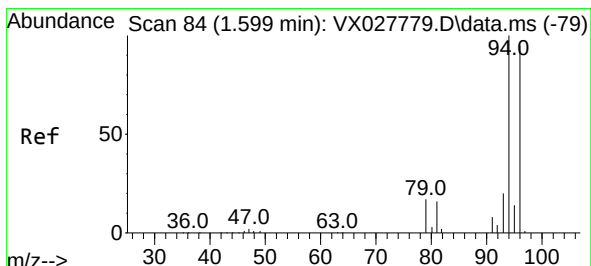
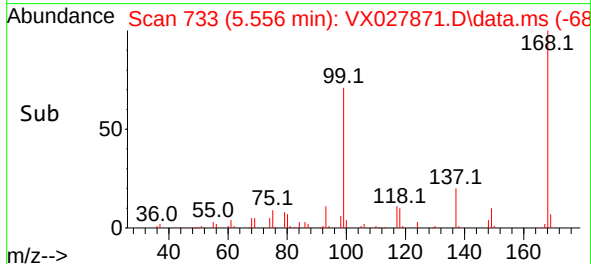
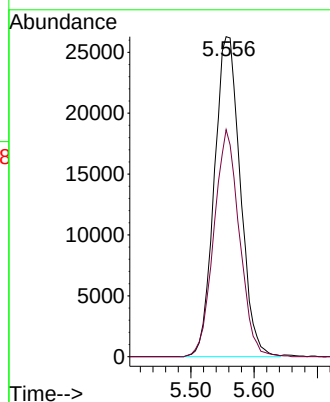


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027871.D
Acq: 01 Apr 2022 01:13

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20220321

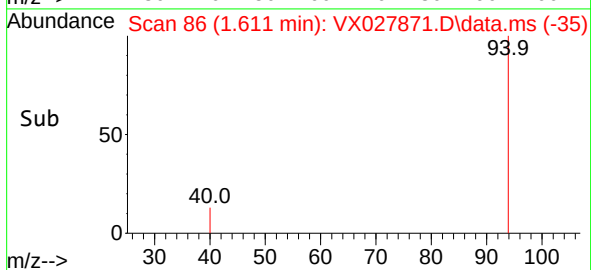
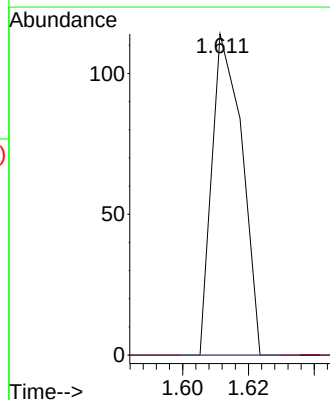
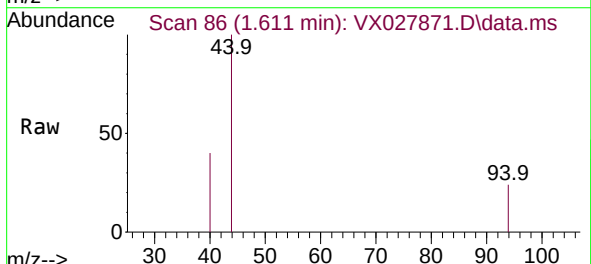


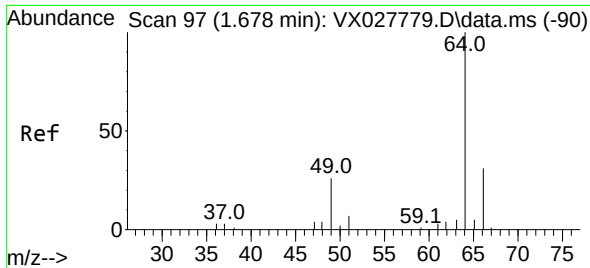
Tgt Ion:168 Resp: 74838
Ion Ratio Lower Upper
168 100
99 71.0 41.7 62.5#



#5
Bromomethane
Concen: 0.260 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX027871.D
Acq: 01 Apr 2022 01:13

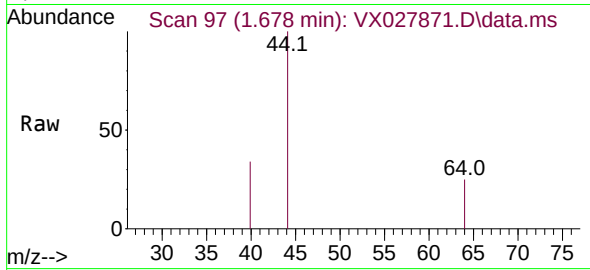
Tgt Ion: 94 Resp: 72
Ion Ratio Lower Upper
94 100
96 0.0 75.3 112.9#



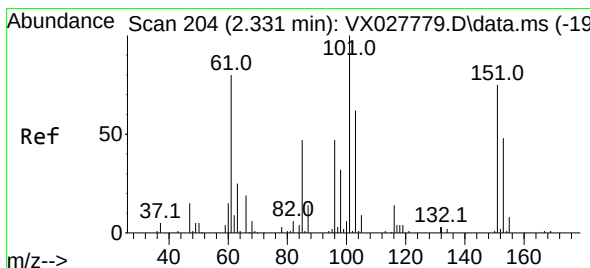
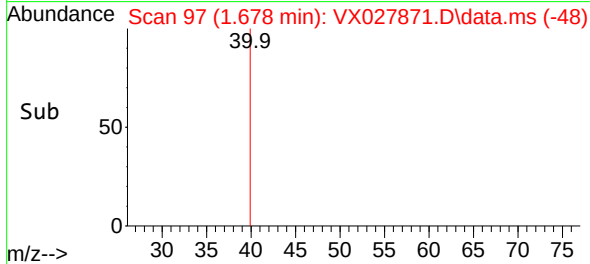
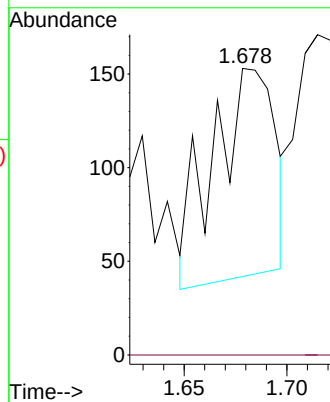


#6
Chloroethane
Concen: 0.565 ug/l
RT: 1.678 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX027871.D
Acq: 01 Apr 2022 01:13

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20220321

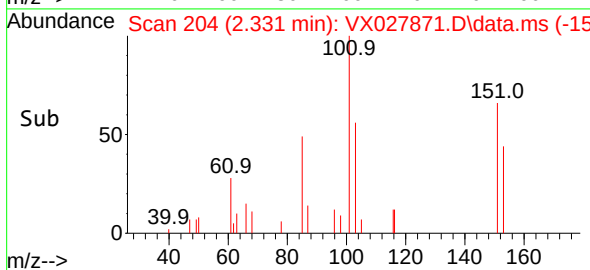
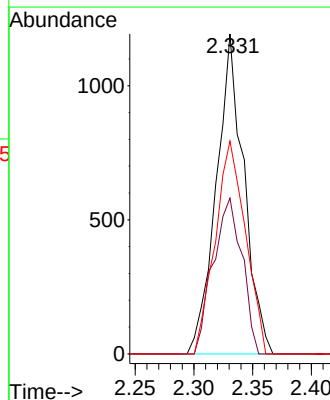
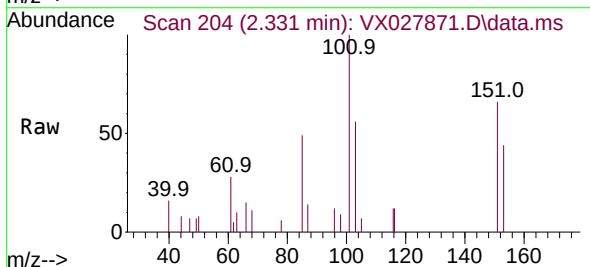


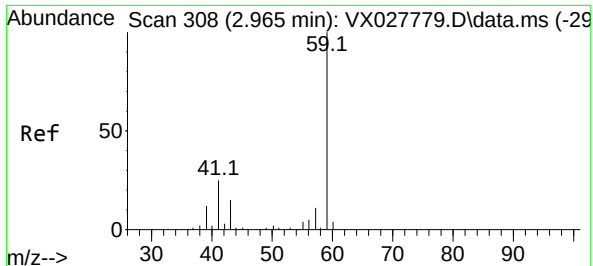
Tgt Ion: 64 Resp: 234
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.783 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX027871.D
Acq: 01 Apr 2022 01:13

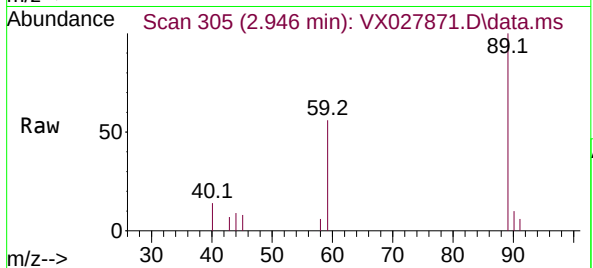
Tgt Ion: 101 Resp: 1950
Ion Ratio Lower Upper
101 100
85 51.0 33.5 50.3#
151 72.9 61.8 92.6



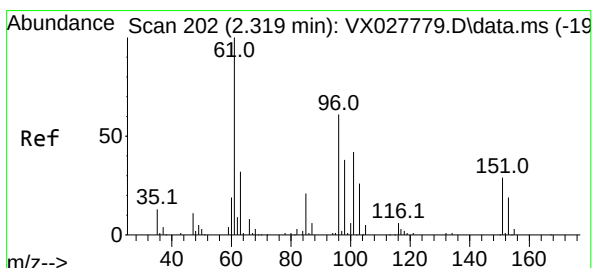
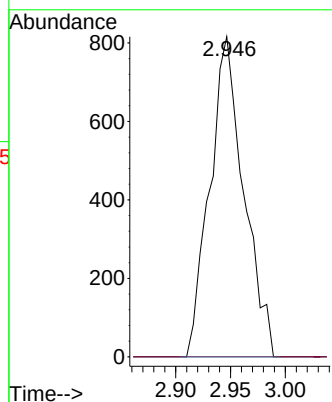
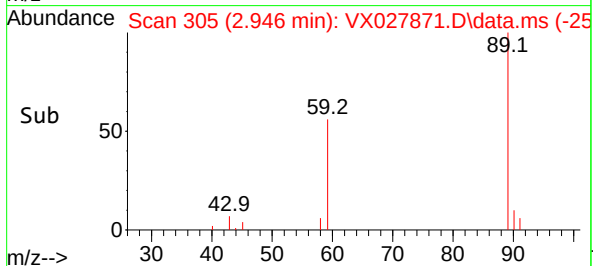


#11
Tert butyl alcohol
Concen: 9.483 ug/l
RT: 2.946 min Scan# 308
Delta R.T. -0.019 min
Lab File: VX027871.D
Acq: 01 Apr 2022 01:13

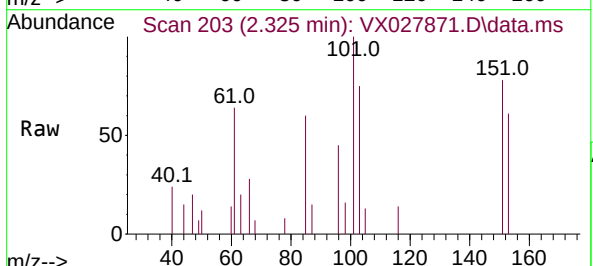
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20220321



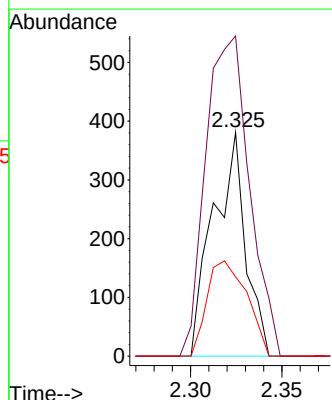
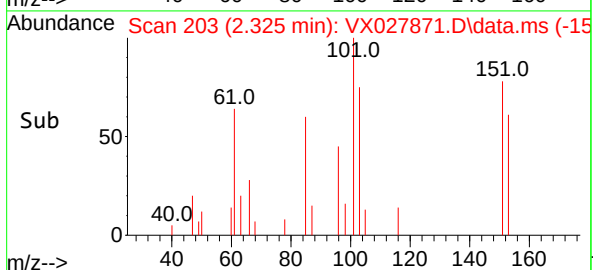
Tgt Ion: 59 Resp: 1759
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

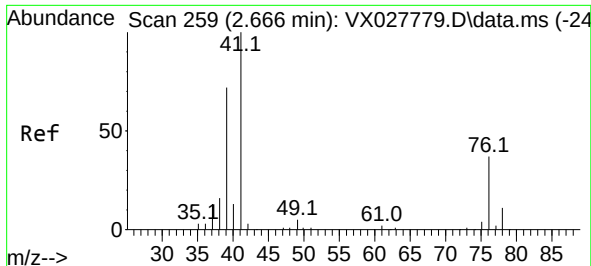


#12
1,1-Dichloroethene
Concen: 0.728 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX027871.D
Acq: 01 Apr 2022 01:13



Tgt Ion: 96 Resp: 468
Ion Ratio Lower Upper
96 100
61 143.0 124.6 187.0
98 35.4 51.0 76.4#

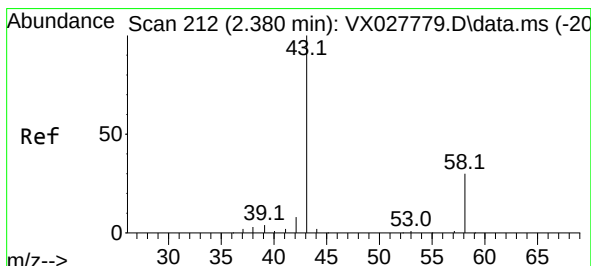
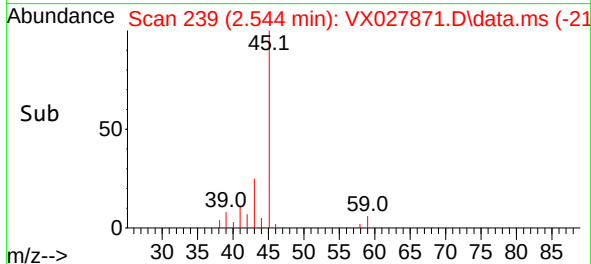
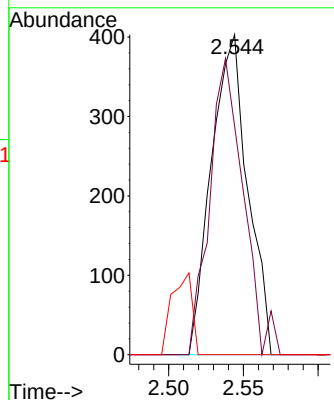
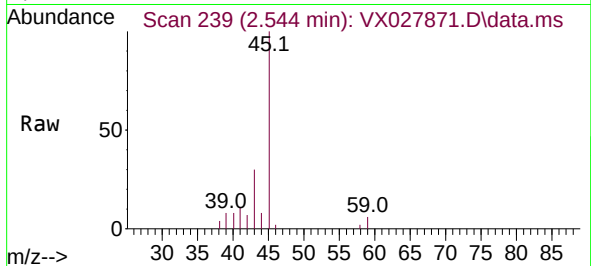




#14
 Allyl chloride
 Concen: 0.578 ug/l
 RT: 2.544 min Scan# 21
 Delta R.T. -0.122 min
 Lab File: VX027871.D
 Acq: 01 Apr 2022 01:13

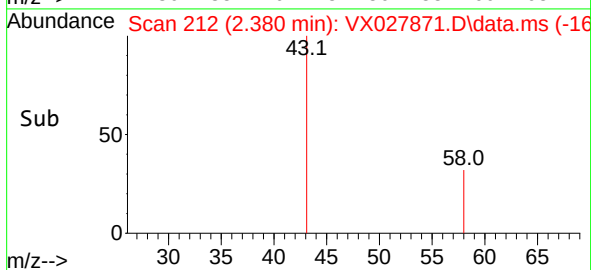
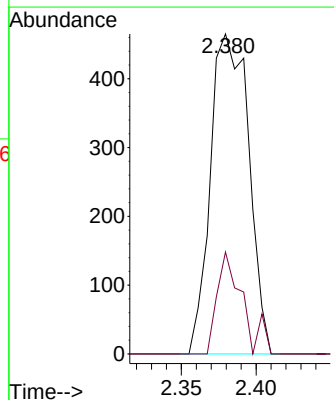
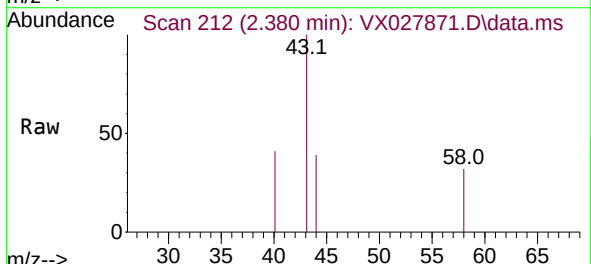
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-20220321

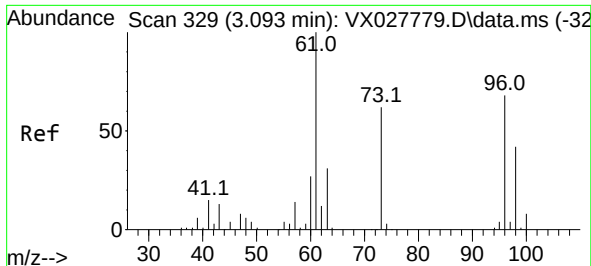
Tgt Ion: 41 Resp: 682
 Ion Ratio Lower Upper
 41 100
 39 85.6 50.4 75.6#
 76 0.0 32.7 49.1#



#16
 Acetone
 Concen: 1.931 ug/l
 RT: 2.380 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VX027871.D
 Acq: 01 Apr 2022 01:13

Tgt Ion: 43 Resp: 825
 Ion Ratio Lower Upper
 43 100
 58 31.8 28.8 43.2

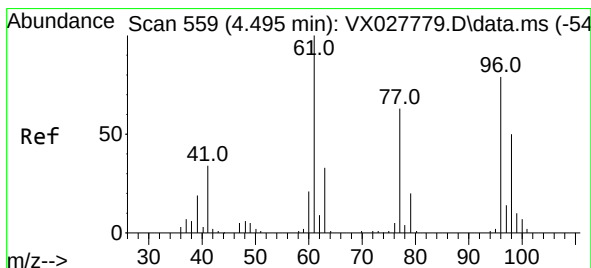
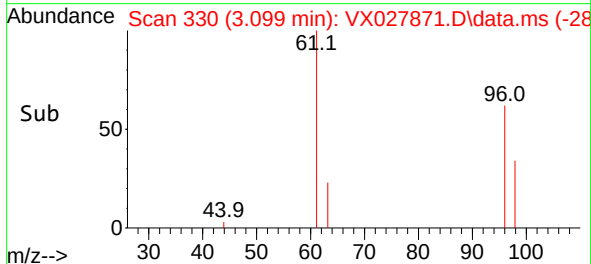
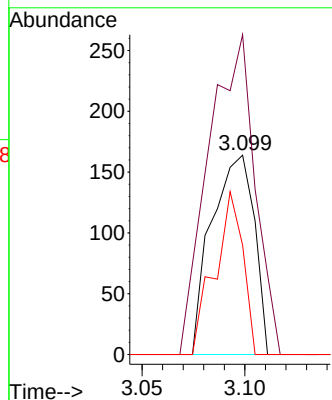
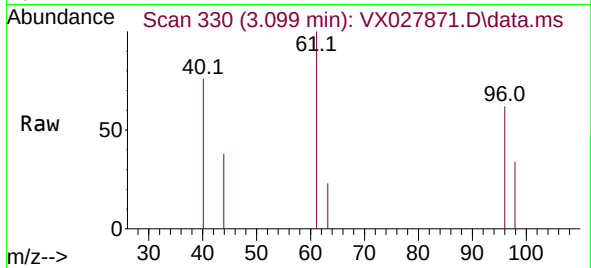




#21
trans-1,2-Dichloroethene
Concen: 0.338 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX027871.D
Acq: 01 Apr 2022 01:13

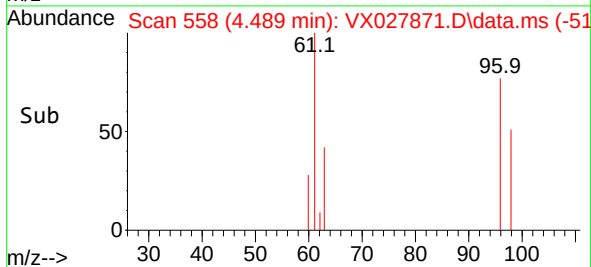
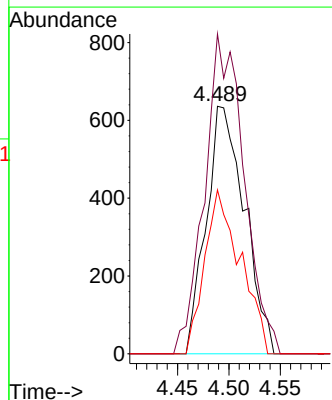
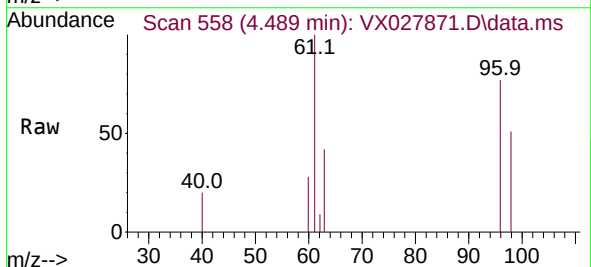
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20220321

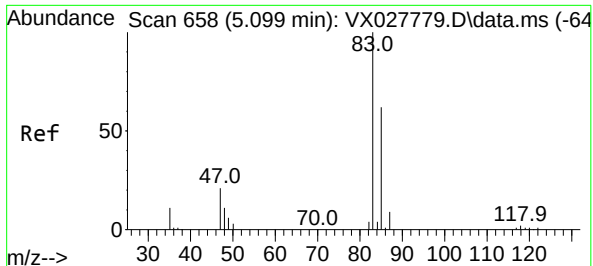
Tgt Ion: 96 Resp: 236
Ion Ratio Lower Upper
96 100
61 160.4 105.4 158.2#
98 54.9 50.0 75.0



#27
cis-1,2-Dichloroethene
Concen: 1.963 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX027871.D
Acq: 01 Apr 2022 01:13

Tgt Ion: 96 Resp: 1652
Ion Ratio Lower Upper
96 100
61 132.8 0.0 283.8
98 61.6 0.0 129.8





#30

Chloroform

Concen: 0.317 ug/l

RT: 5.092 min Scan# 61

Delta R.T. -0.007 min

Lab File: VX027871.D

Acq: 01 Apr 2022 01:13

Instrument :

MSVOA_X

ClientSampleId :

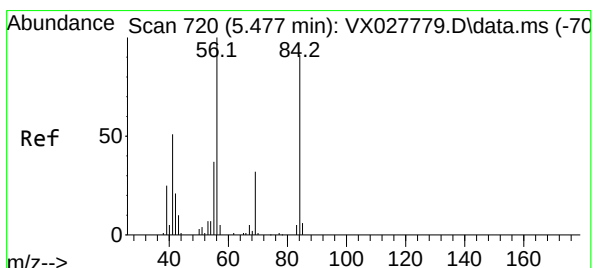
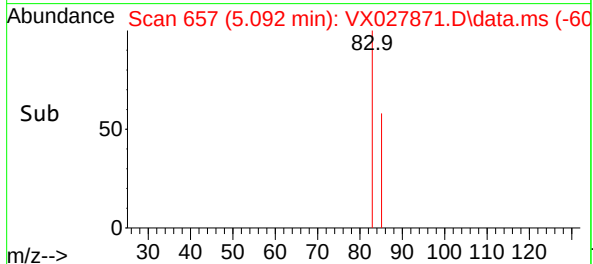
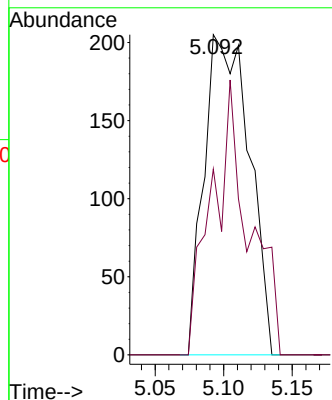
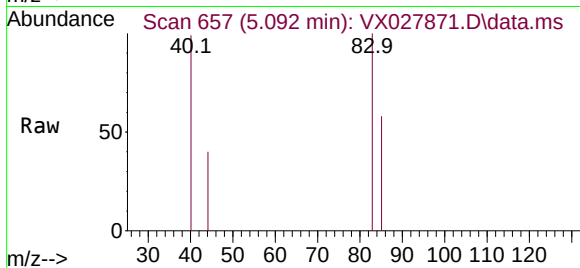
RE122D1-20220321

Tgt Ion: 83 Resp: 469

Ion Ratio Lower Upper

83 100

85 58.0 52.7 79.1



#31

Cyclohexane

Concen: 1.718 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.073 min

Lab File: VX027871.D

Acq: 01 Apr 2022 01:13

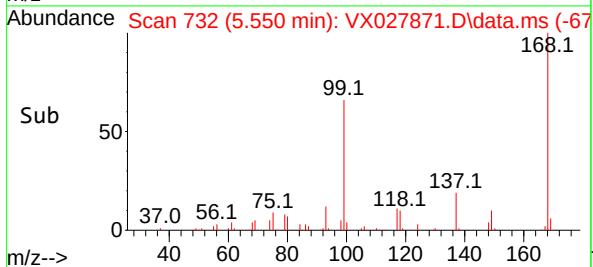
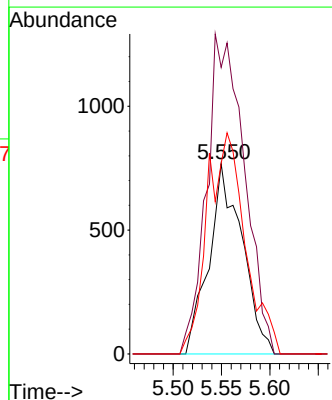
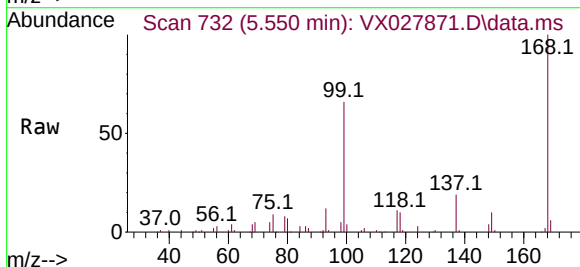
Tgt Ion: 56 Resp: 1834

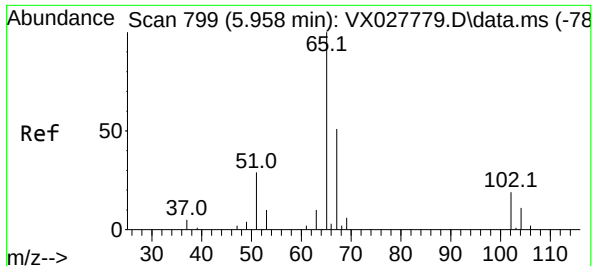
Ion Ratio Lower Upper

56 100

69 150.7 26.7 40.1#

84 100.1 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 63.516 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027871.D

Acq: 01 Apr 2022 01:13

Instrument :

MSVOA_X

ClientSampleId :

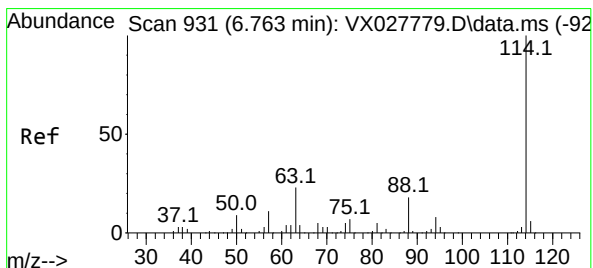
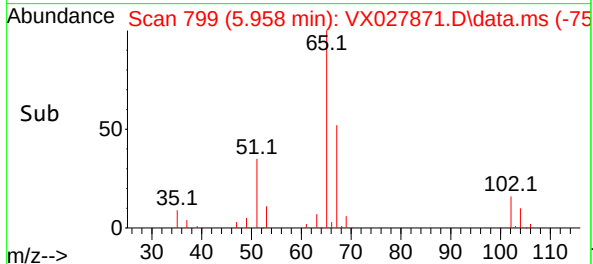
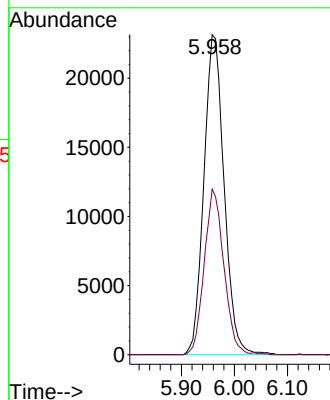
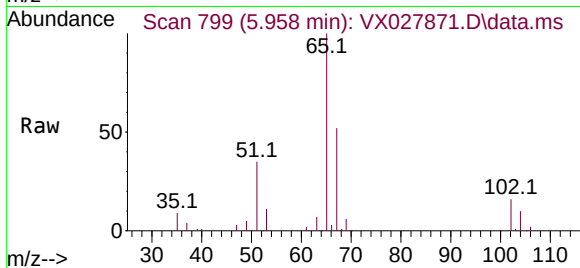
RE122D1-20220321

Tgt Ion: 65 Resp: 61332

Ion Ratio Lower Upper

65 100

67 50.4 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: VX027871.D

Acq: 01 Apr 2022 01:13

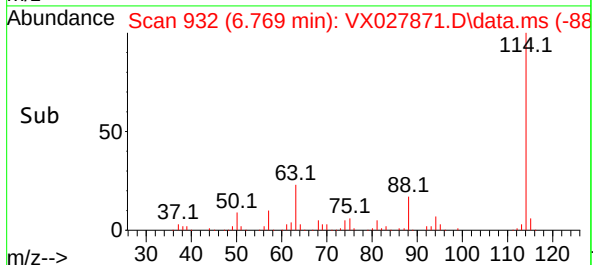
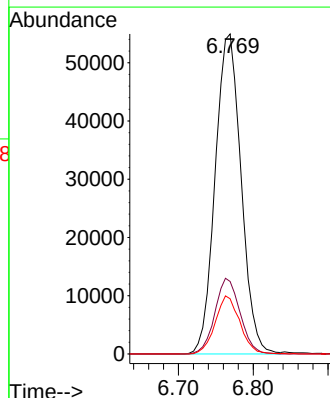
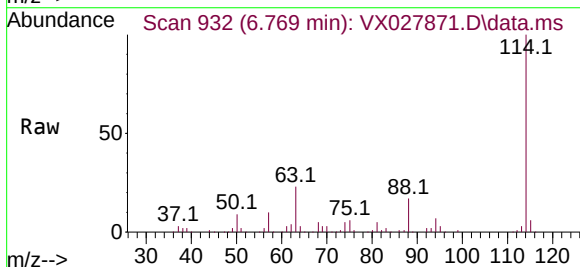
Tgt Ion: 114 Resp: 132370

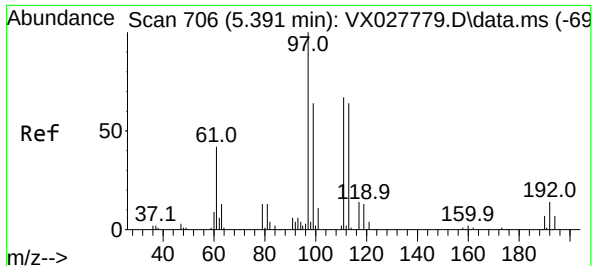
Ion Ratio Lower Upper

114 100

63 22.7 0.0 36.8

88 17.3 0.0 32.4





#35

Dibromofluoromethane

Concen: 53.474 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX027871.D

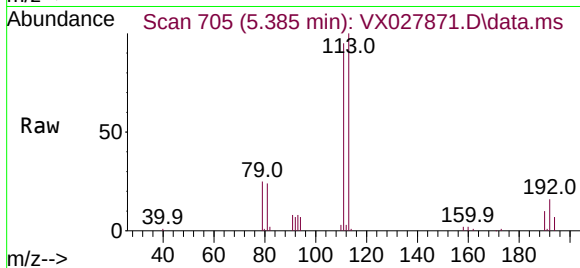
Acq: 01 Apr 2022 01:13

Instrument :

MSVOA_X

ClientSampleId :

RE122D1-20220321



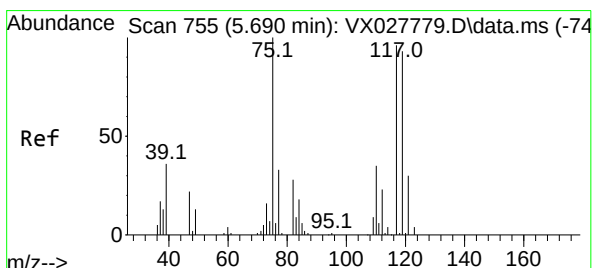
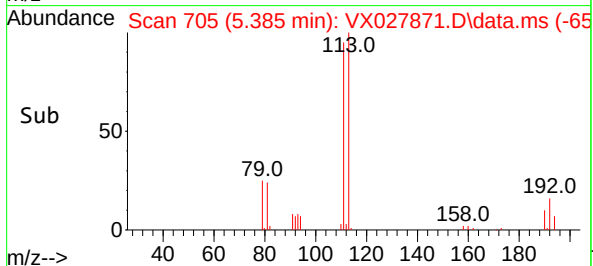
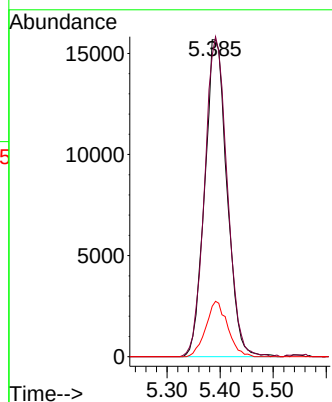
Tgt Ion:113 Resp: 45689

Ion Ratio Lower Upper

113 100

111 102.3 82.8 124.2

192 17.1 16.9 25.3



#36

1,1-Dichloropropene

Concen: 6.442 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.128 min

Lab File: VX027871.D

Acq: 01 Apr 2022 01:13

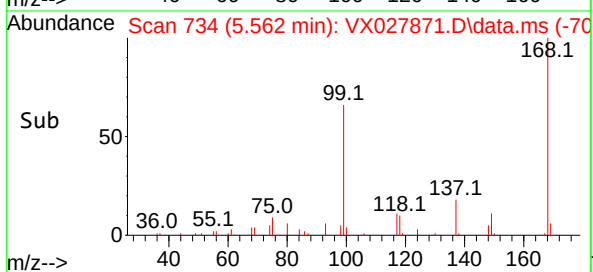
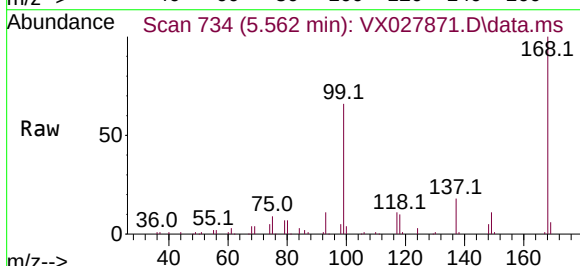
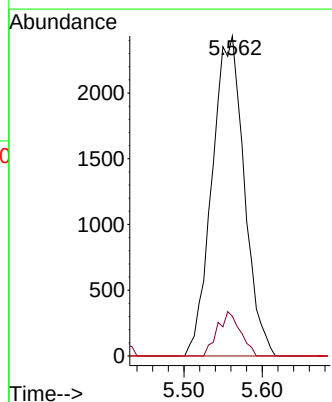
Tgt Ion: 75 Resp: 6932

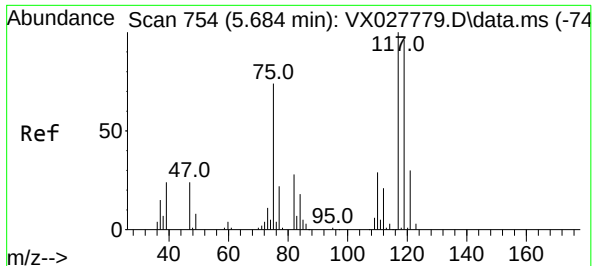
Ion Ratio Lower Upper

75 100

110 9.8 18.3 54.8#

77 0.0 24.8 37.2#

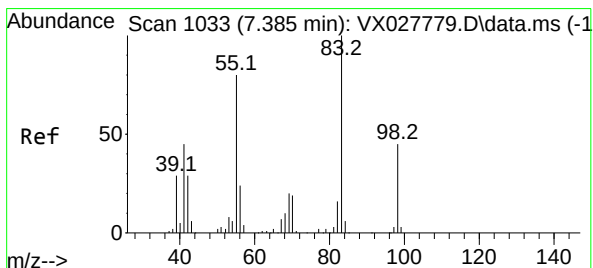
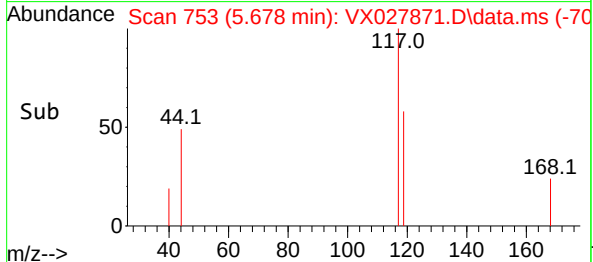
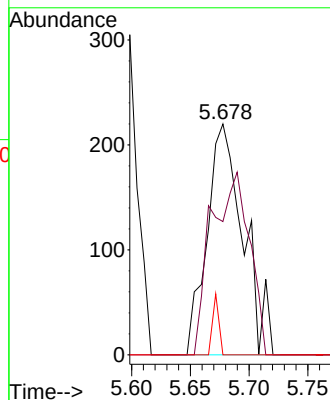
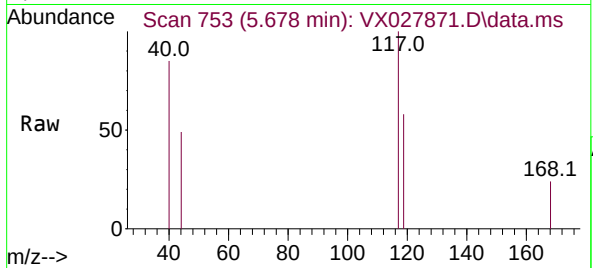




#38
Carbon Tetrachloride
Concen: 0.397 ug/l
RT: 5.678 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027871.D
Acq: 01 Apr 2022 01:13

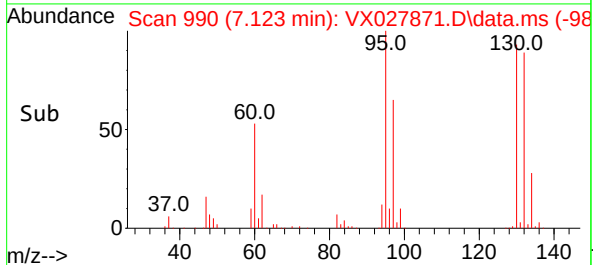
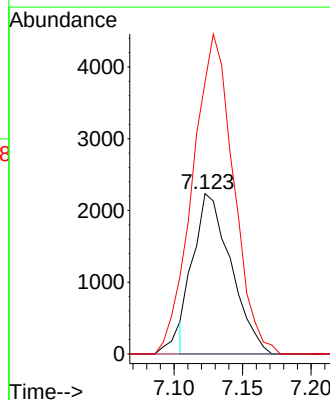
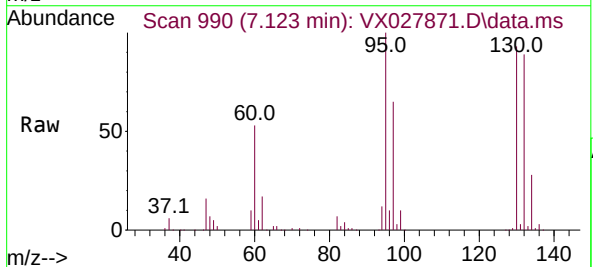
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20220321

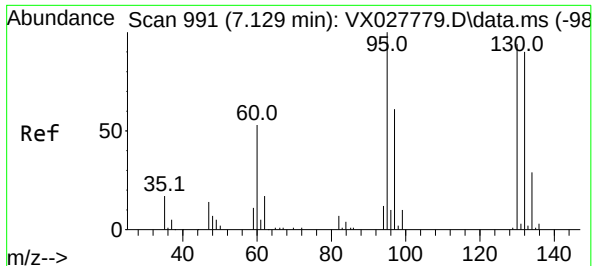
Tgt Ion:117 Resp: 472
Ion Ratio Lower Upper
117 100
119 57.7 77.3 115.9#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 3.374 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.262 min
Lab File: VX027871.D
Acq: 01 Apr 2022 01:13

Tgt Ion: 83 Resp: 4273
Ion Ratio Lower Upper
83 100
55 0.0 54.6 81.8#
98 169.4 37.4 56.2#

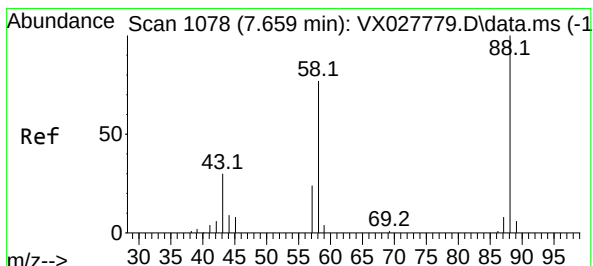
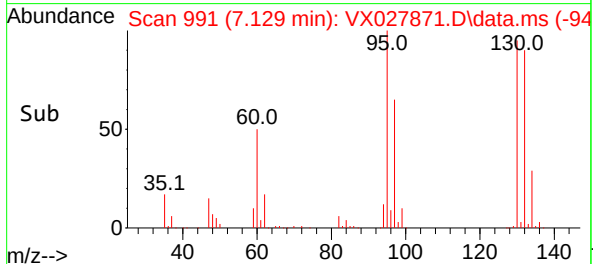
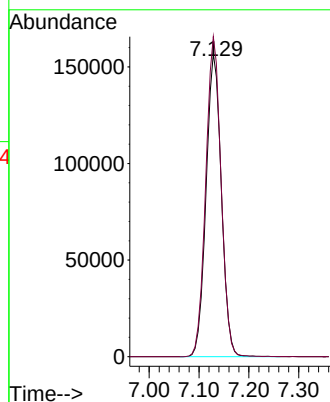
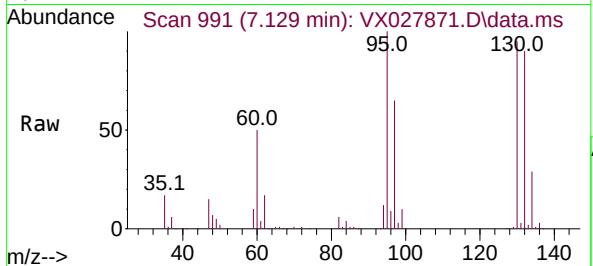




#44
Trichloroethene
Concen: 375.641 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX027871.D
Acq: 01 Apr 2022 01:13

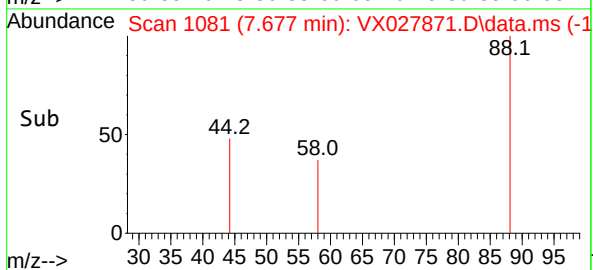
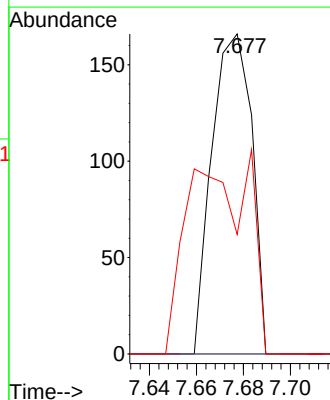
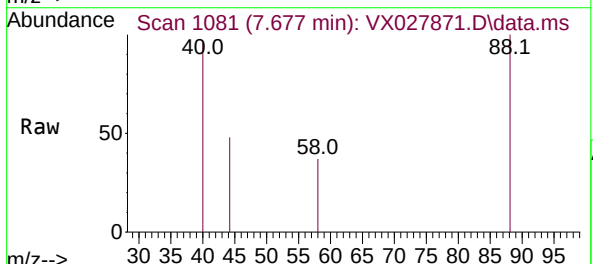
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20220321

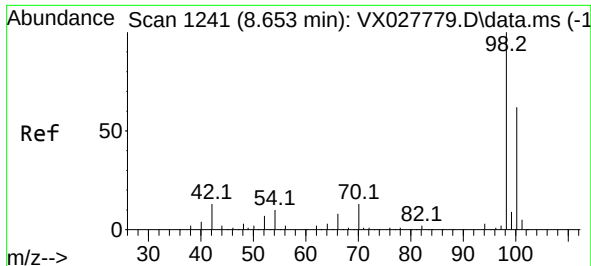
Tgt Ion:130 Resp: 332920
Ion Ratio Lower Upper
130 100
95 105.5 0.0 188.8



#49
1,4-Dioxane
Concen: 8.860 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.018 min
Lab File: VX027871.D
Acq: 01 Apr 2022 01:13

Tgt Ion: 88 Resp: 196
Ion Ratio Lower Upper
88 100
43 0.0 21.9 32.9#
58 93.9 53.7 80.5#

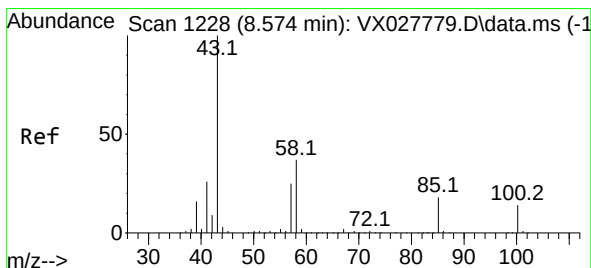
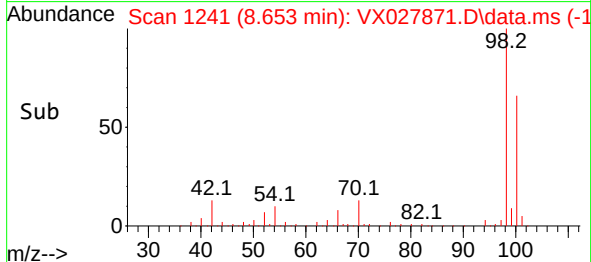
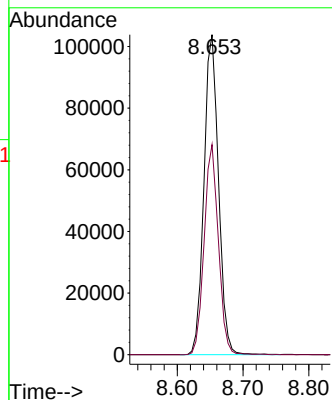
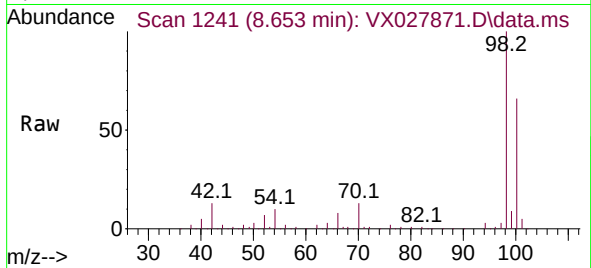




#50
Toluene-d8
Concen: 53.052 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027871.D
Acq: 01 Apr 2022 01:13

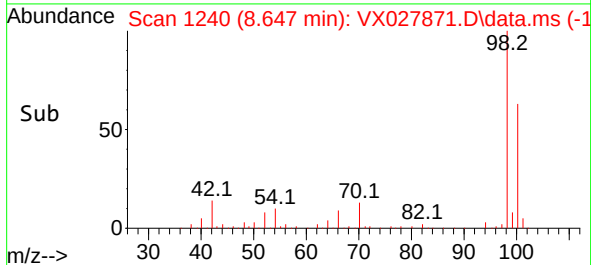
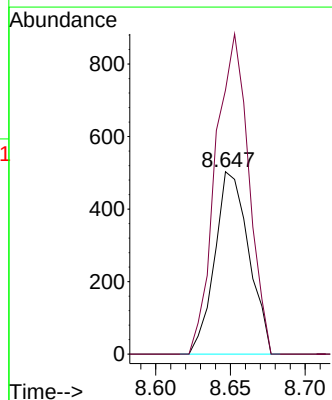
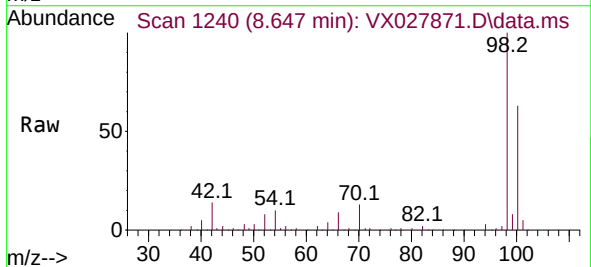
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20220321

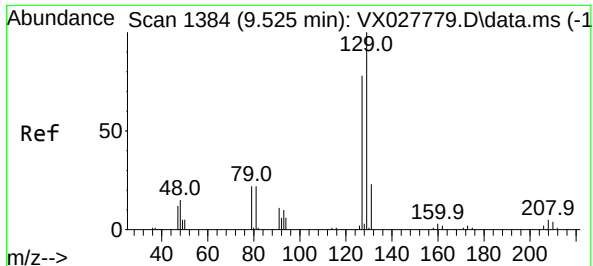
Tgt Ion: 98 Resp: 159486
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.537 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX027871.D
Acq: 01 Apr 2022 01:13

Tgt Ion: 43 Resp: 796
Ion Ratio Lower Upper
43 100
58 171.2 36.1 54.1#

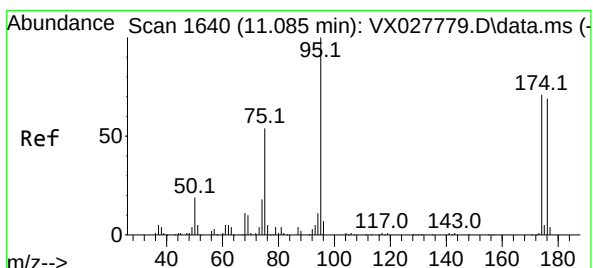
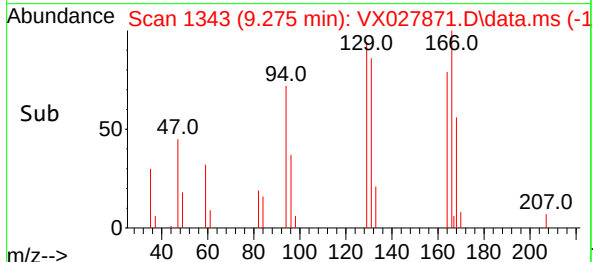
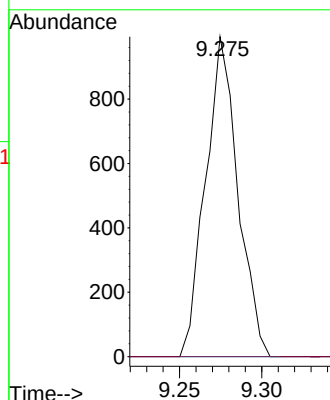
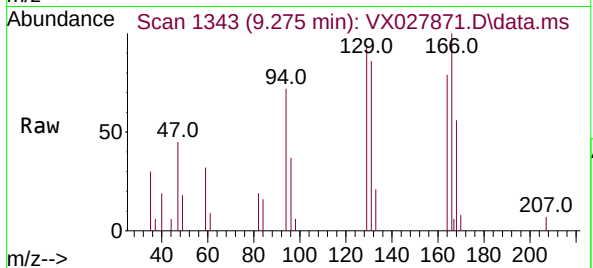




#60
Dibromochloromethane
Concen: 1.440 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX027871.D
Acq: 01 Apr 2022 01:13

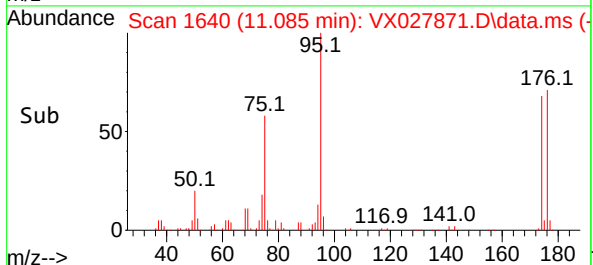
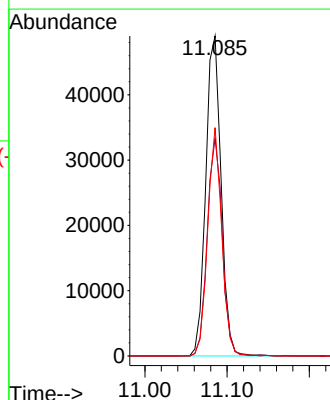
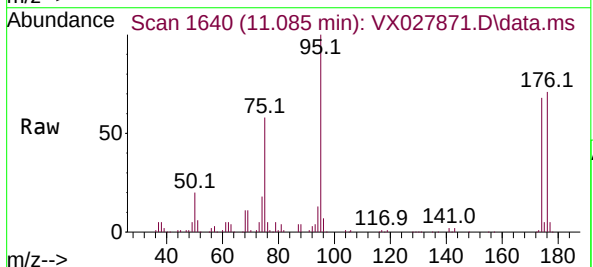
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20220321

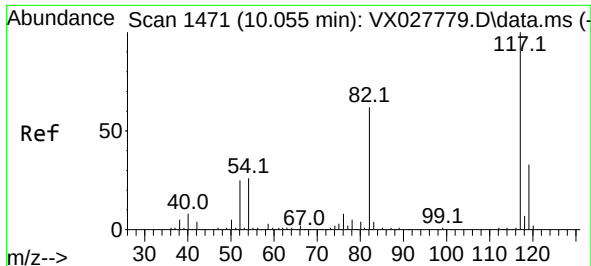
Tgt Ion:129 Resp: 1360
Ion Ratio Lower Upper
129 100
127 0.0 40.3 120.8#



#62
4-Bromofluorobenzene
Concen: 49.640 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027871.D
Acq: 01 Apr 2022 01:13

Tgt Ion: 95 Resp: 63417
Ion Ratio Lower Upper
95 100
174 66.9 0.0 163.0
176 65.3 0.0 155.0

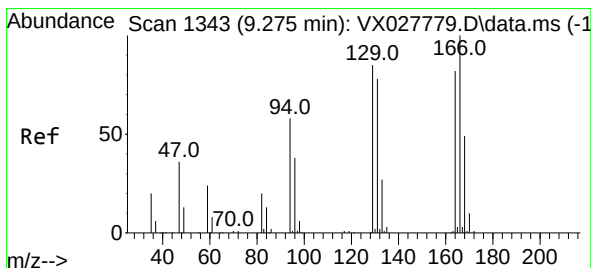
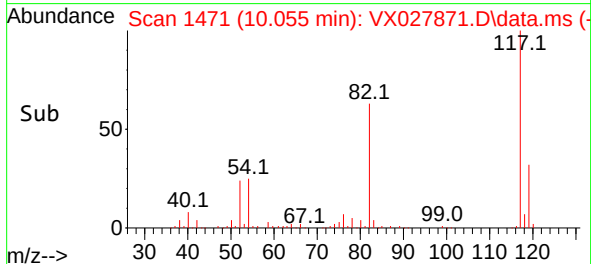
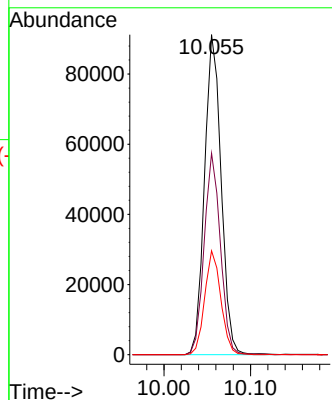
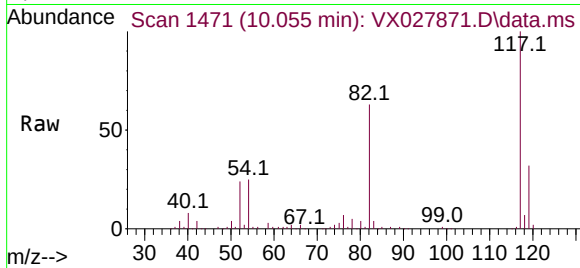




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027871.D
Acq: 01 Apr 2022 01:13

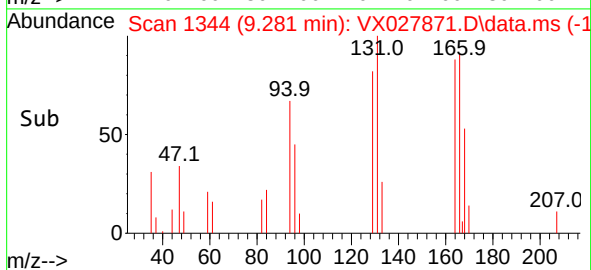
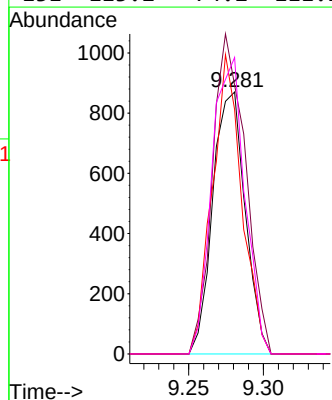
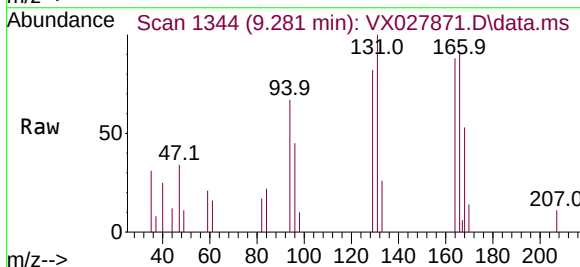
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20220321

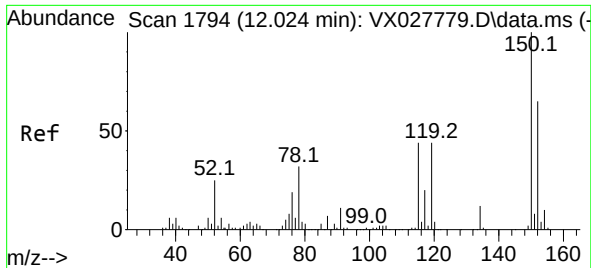
Tgt Ion:117 Resp: 121594
Ion Ratio Lower Upper
117 100
82 63.0 41.8 62.8#
119 32.4 24.8 37.2



#64
Tetrachloroethene
Concen: 1.588 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX027871.D
Acq: 01 Apr 2022 01:13

Tgt Ion:164 Resp: 1309
Ion Ratio Lower Upper
164 100
166 102.6 101.2 151.8
129 93.3 73.0 109.4
131 113.2 74.2 111.2#

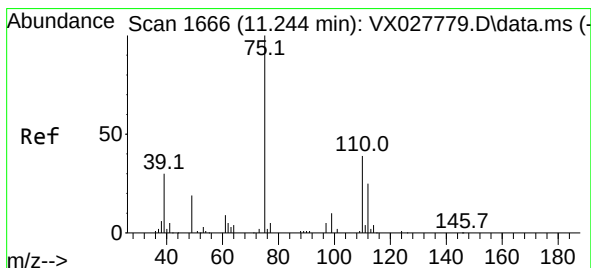
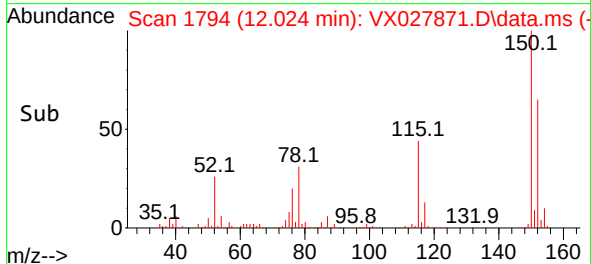
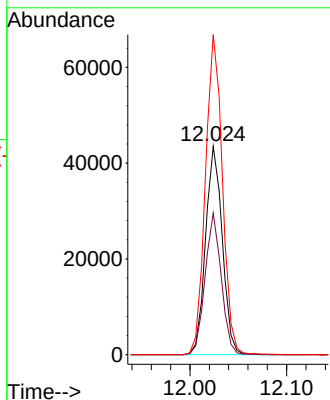
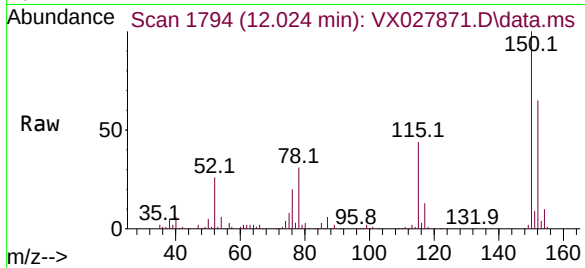




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027871.D
Acq: 01 Apr 2022 01:13

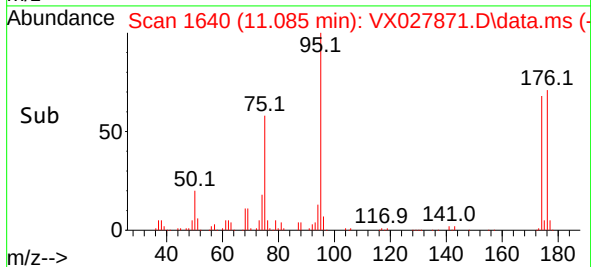
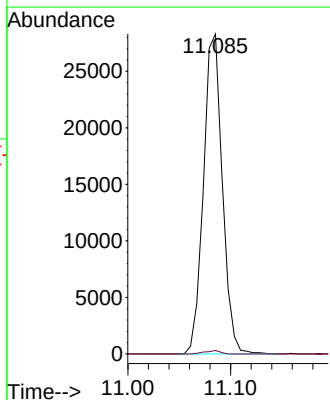
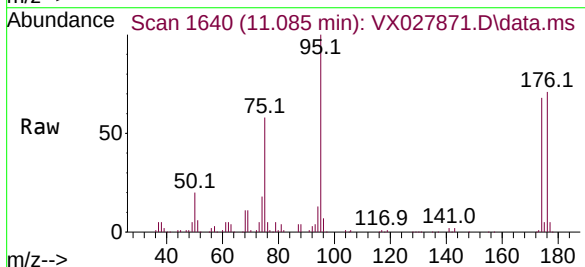
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20220321

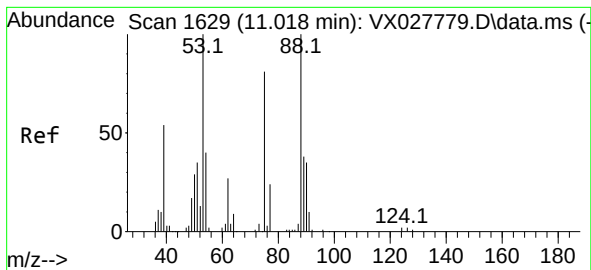
Tgt Ion:152 Resp: 52456
Ion Ratio Lower Upper
152 100
115 65.7 37.5 112.7
150 155.4 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 29.396 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX027871.D
Acq: 01 Apr 2022 01:13

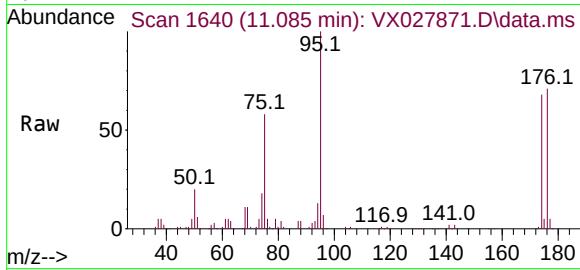
Tgt Ion: 75 Resp: 36173
Ion Ratio Lower Upper
75 100
77 0.9 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.695 ug/l
 RT: 11.085 min Scan# 10
 Delta R.T. 0.067 min
 Lab File: VX027871.D
 Acq: 01 Apr 2022 01:13

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-20220321



Tgt Ion: 75 Resp: 36173
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

