

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040122\
 Data File : VX027887.D
 Acq On : 01 Apr 2022 17:32
 Operator : JC/MD
 Sample : N2074-06DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D3-20220319DL

Quant Time: Apr 02 05:09:34 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)

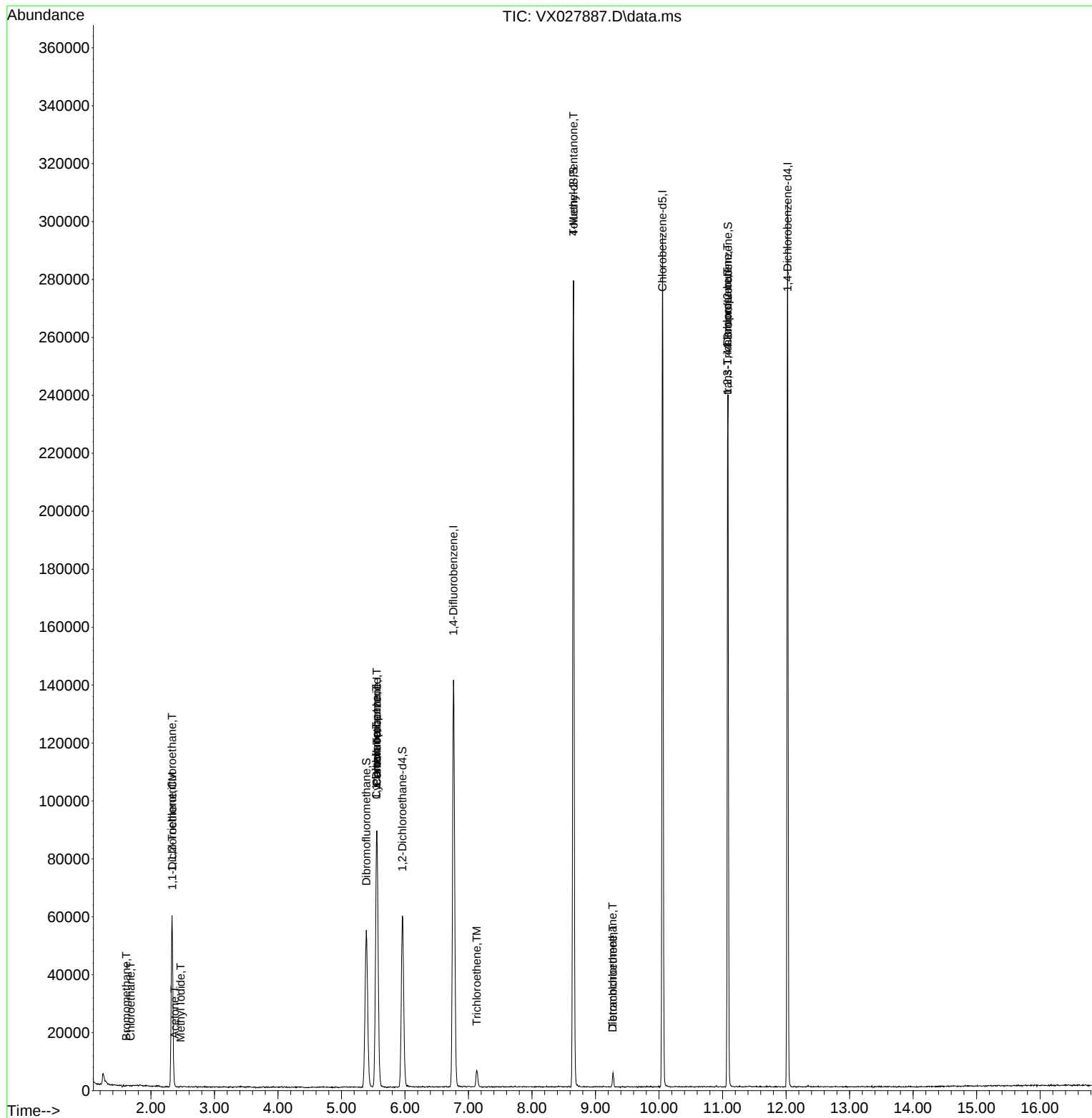
Internal Standards						
1) Pentafluorobenzene	5.556	168	79690	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	135207	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54840	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58579	56.971	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 113.940%	
35) Dibromofluoromethane	5.391	113	46638	53.439	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 106.880%	
50) Toluene-d8	8.653	98	162170	52.813	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.620%	
62) 4-Bromofluorobenzene	11.085	95	65135	49.915	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 99.840%	
Target Compounds						
						Qvalue
5) Bromomethane	1.611	94	63	0.213	ug/l	# 72
6) Chloroethane	1.678	64	232	0.526	ug/l	# 43
9) 1,1,2-Trichlorotrifluo...	2.331	101	23071	30.918	ug/l	98
10) Methyl Iodide	2.465	142	189	0.218	ug/l	# 66
12) 1,1-Dichloroethene	2.337	96	176	0.257	ug/l	# 37
16) Acetone	2.373	43	199	0.437	ug/l	# 39
31) Cyclohexane	5.550	56	1762	1.550	ug/l	# 10
36) 1,1-Dichloropropene	5.550	75	6859	6.240	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	8922	7.347	ug/l	# 15
44) Trichloroethene	7.129	130	2133	2.356	ug/l	92
51) 4-Methyl-2-Pentanone	8.653	43	810	0.535	ug/l	# 1
60) Dibromochloromethane	9.268	129	852	0.883	ug/l	# 9
64) Tetrachloroethene	9.275	164	834	0.992	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	36979	28.745	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	36979	83.874	ug/l	# 15

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

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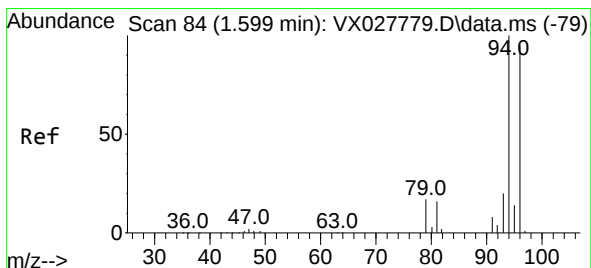
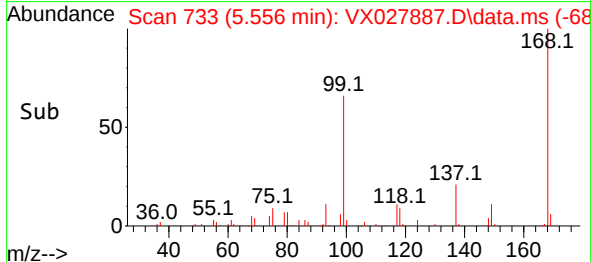
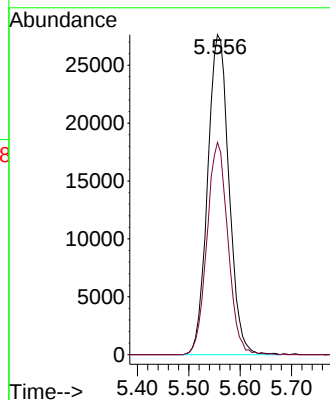
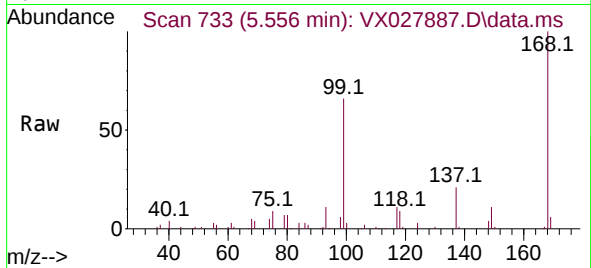




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027887.D
Acq: 01 Apr 2022 17:32

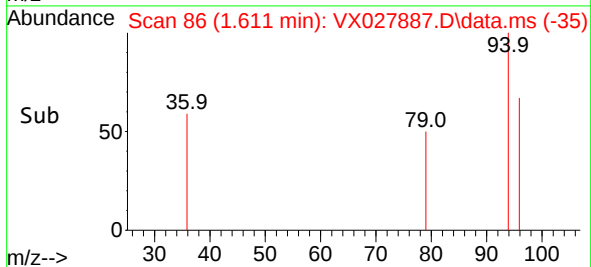
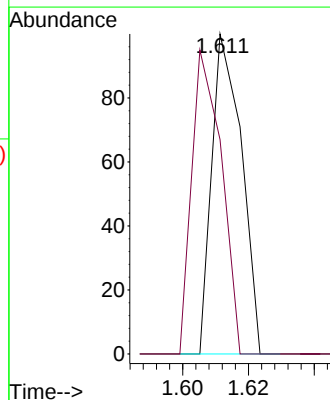
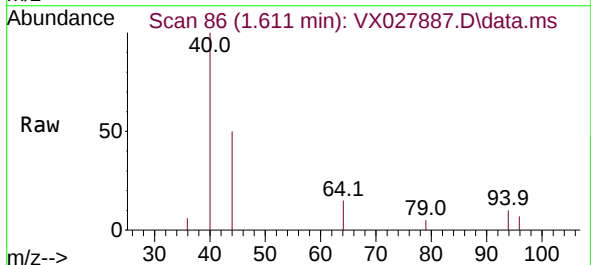
Instrument : MSVOA_X
ClientSampleId : RE131D3-20220319DL

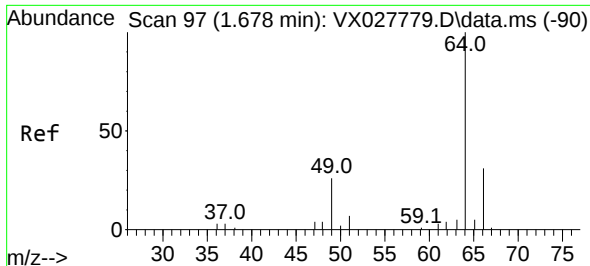
Tgt Ion:168 Resp: 79690
Ion Ratio Lower Upper
168 100
99 66.4 41.7 62.5#



#5
Bromomethane
Concen: 0.213 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX027887.D
Acq: 01 Apr 2022 17:32

Tgt Ion: 94 Resp: 63
Ion Ratio Lower Upper
94 100
96 67.0 75.3 112.9#

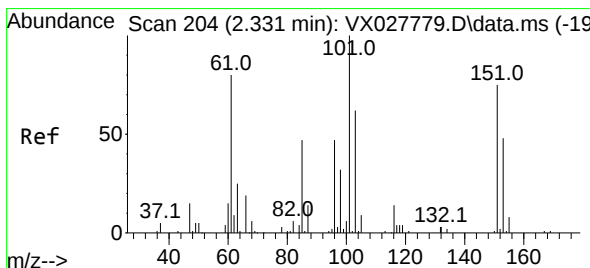
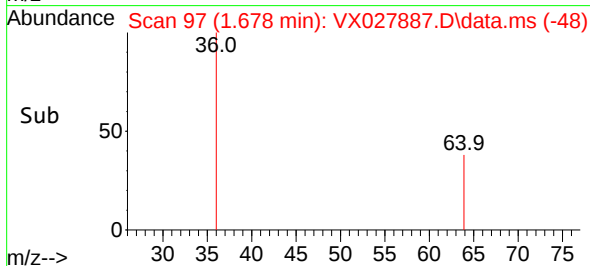
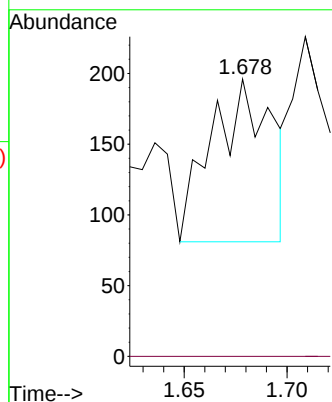
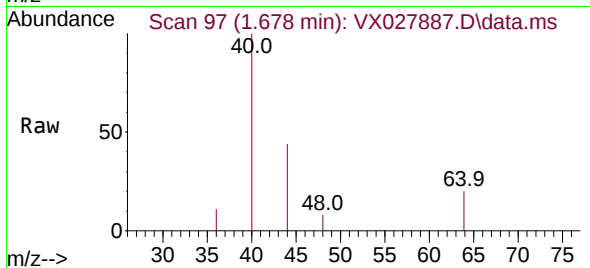




#6
Chloroethane
Concen: 0.526 ug/l
RT: 1.678 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX027887.D
Acq: 01 Apr 2022 17:32

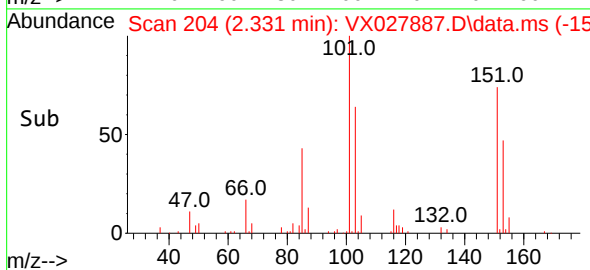
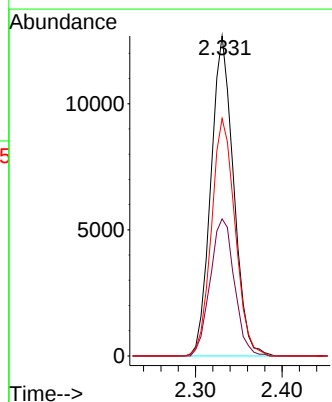
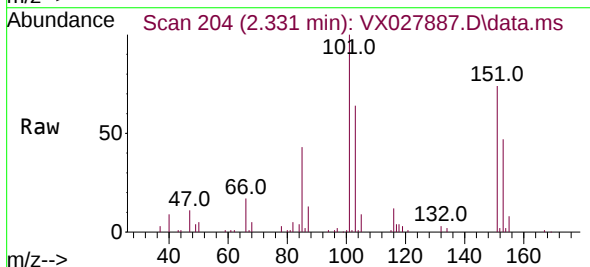
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20220319DL

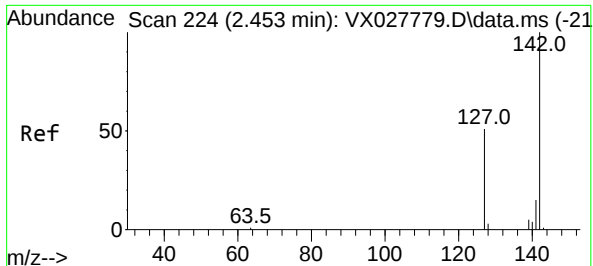
Tgt Ion: 64 Resp: 232
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 30.918 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX027887.D
Acq: 01 Apr 2022 17:32

Tgt Ion: 101 Resp: 23071
Ion Ratio Lower Upper
101 100
85 45.5 33.5 50.3
151 77.2 61.8 92.6

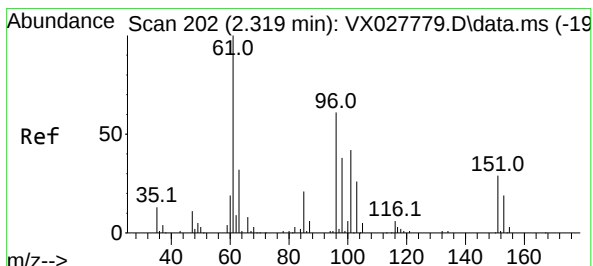
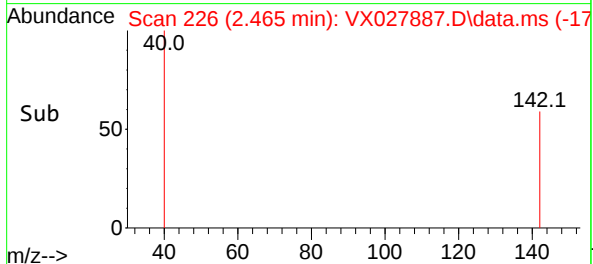
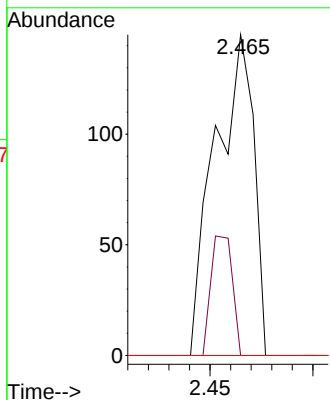
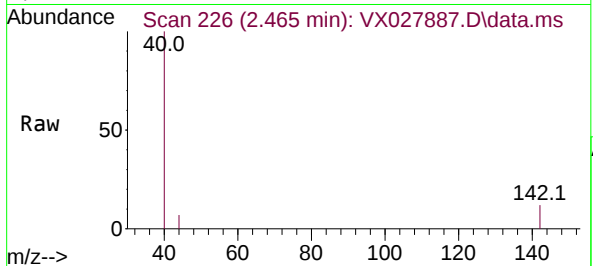




#10
Methyl Iodide
Concen: 0.218 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX027887.D
Acq: 01 Apr 2022 17:32

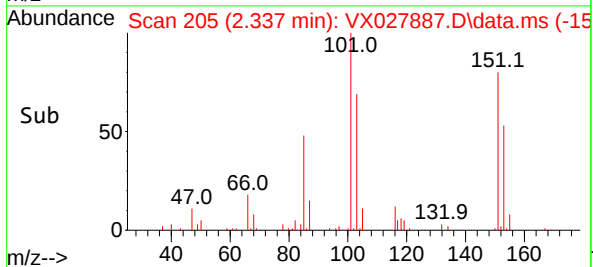
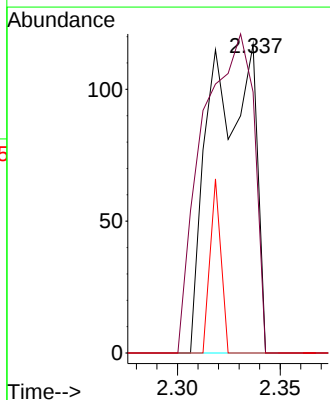
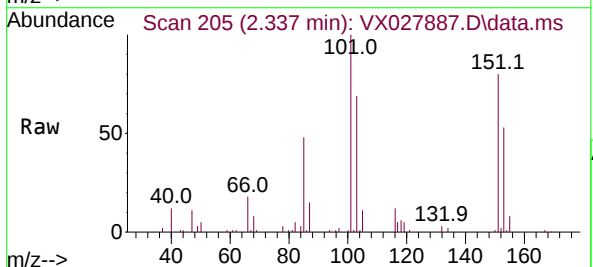
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20220319DL

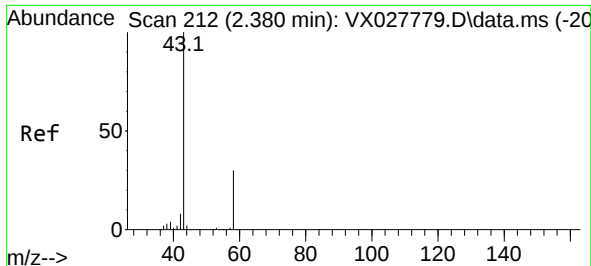
Tgt Ion:142 Resp: 189
Ion Ratio Lower Upper
142 100
127 20.6 33.9 50.9#
141 0.0 11.4 17.2#



#12
1,1-Dichloroethene
Concen: 0.257 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.018 min
Lab File: VX027887.D
Acq: 01 Apr 2022 17:32

Tgt Ion: 96 Resp: 176
Ion Ratio Lower Upper
96 100
61 84.6 124.6 187.0#
98 0.0 51.0 76.4#





#16

Acetone

Concen: 0.437 ug/l

RT: 2.373 min Scan# 211

Delta R.T. -0.007 min

Lab File: VX027887.D

Acq: 01 Apr 2022 17:32

Instrument :

MSVOA_X

ClientSampleId :

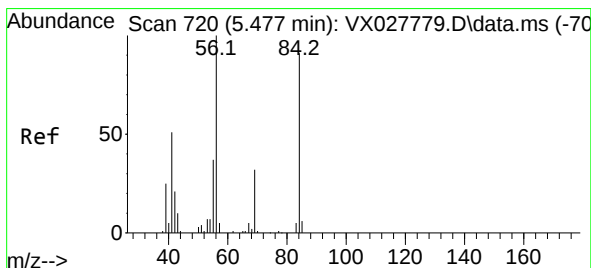
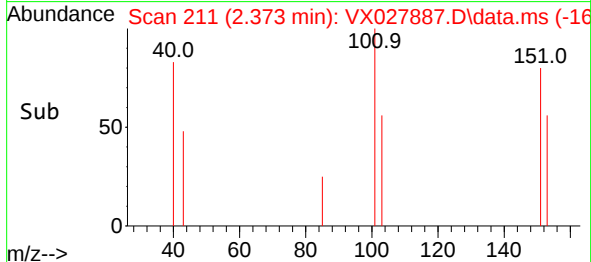
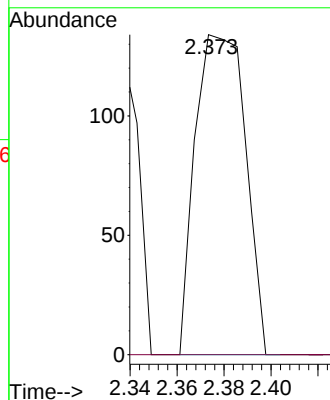
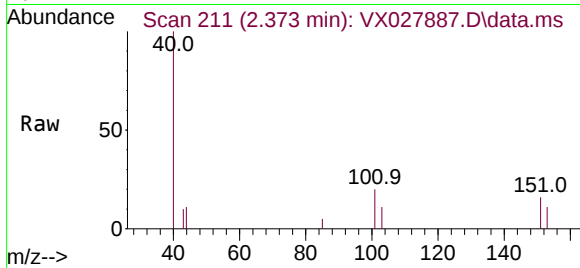
RE131D3-20220319DL

Tgt Ion: 43 Resp: 199

Ion Ratio Lower Upper

43 100

58 0.0 28.8 43.2#



#31

Cyclohexane

Concen: 1.550 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.073 min

Lab File: VX027887.D

Acq: 01 Apr 2022 17:32

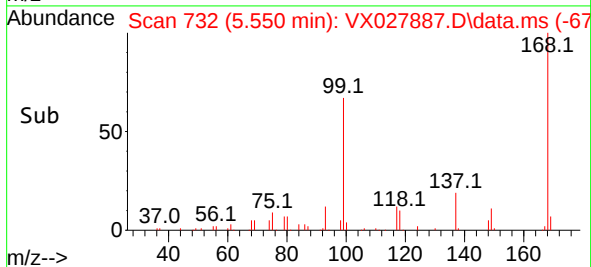
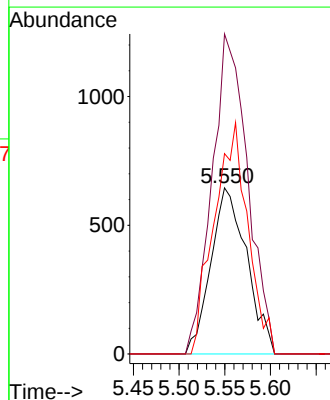
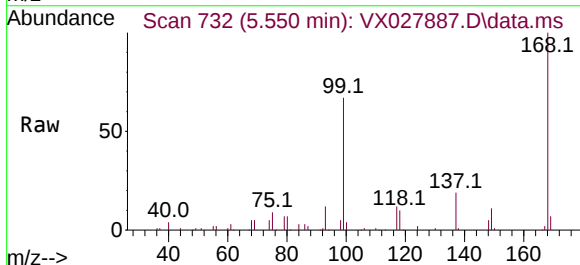
Tgt Ion: 56 Resp: 1762

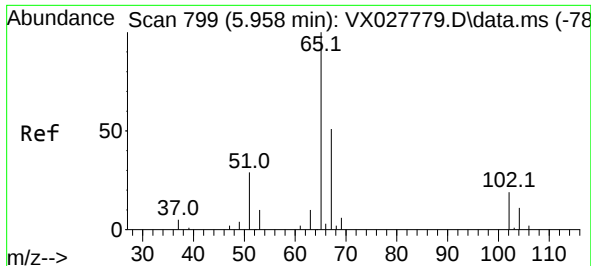
Ion Ratio Lower Upper

56 100

69 192.7 26.7 40.1#

84 120.6 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 56.971 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027887.D

Acq: 01 Apr 2022 17:32

Instrument :

MSVOA_X

ClientSampleId :

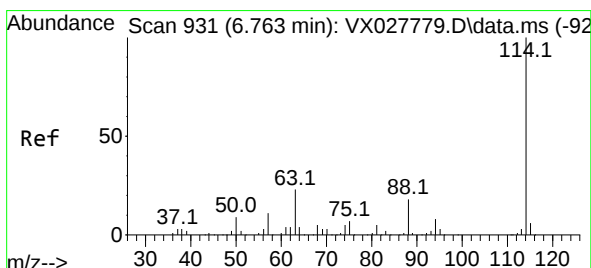
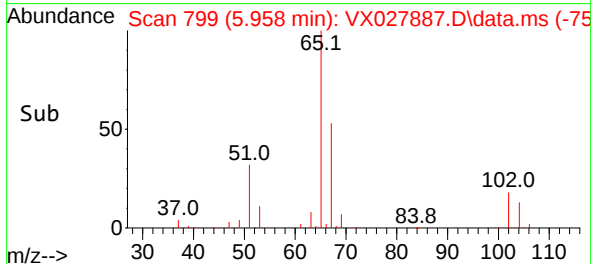
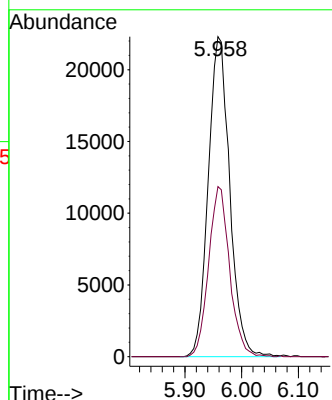
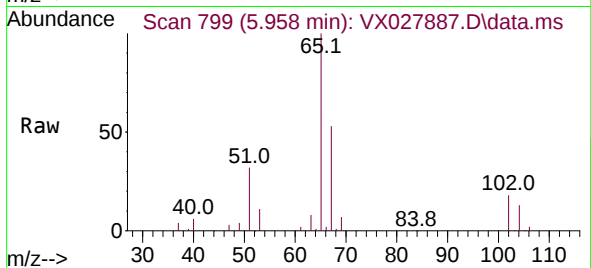
RE131D3-20220319DL

Tgt Ion: 65 Resp: 58579

Ion Ratio Lower Upper

65 100

67 52.0 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: VX027887.D

Acq: 01 Apr 2022 17:32

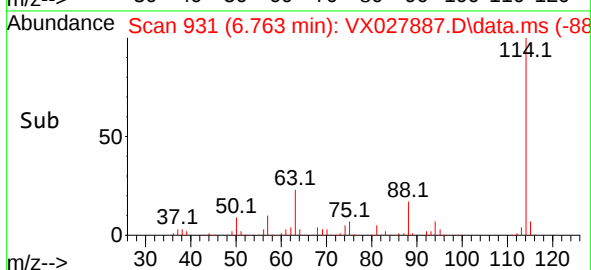
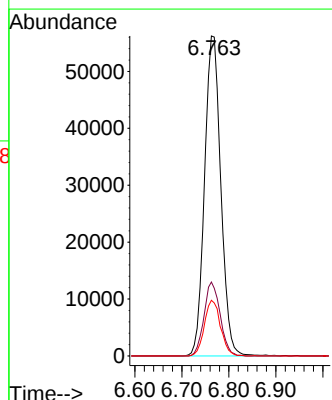
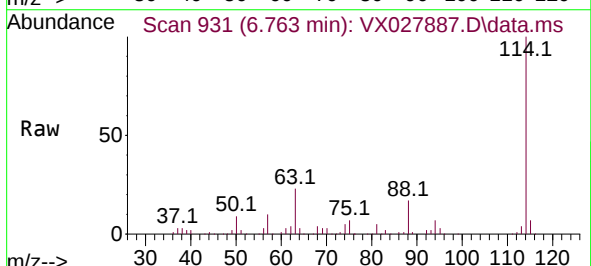
Tgt Ion: 114 Resp: 135207

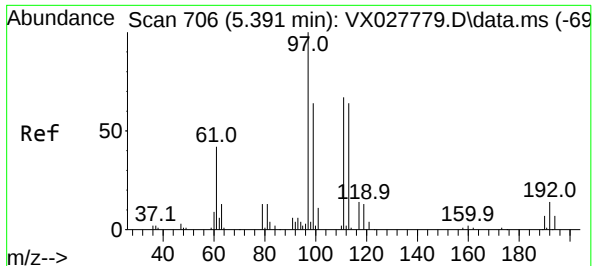
Ion Ratio Lower Upper

114 100

63 23.1 0.0 36.8

88 17.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 53.439 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027887.D

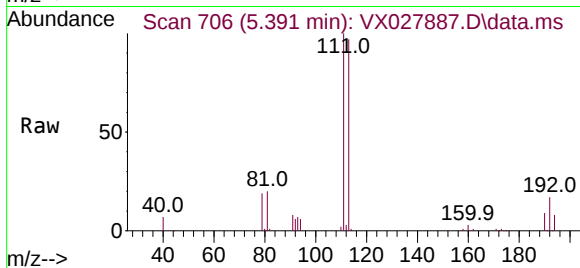
Acq: 01 Apr 2022 17:32

Instrument :

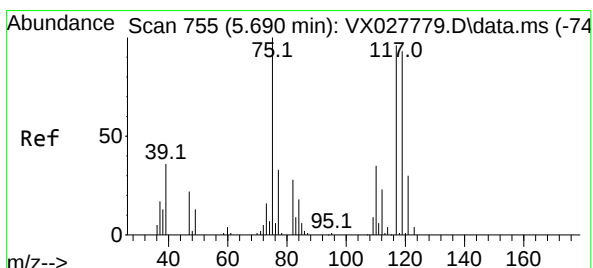
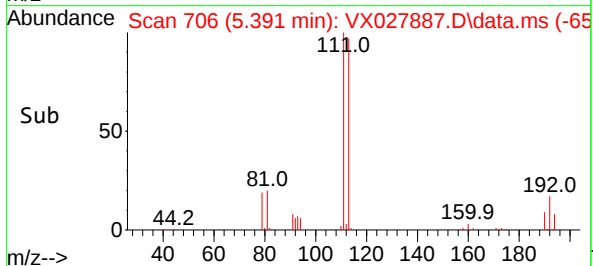
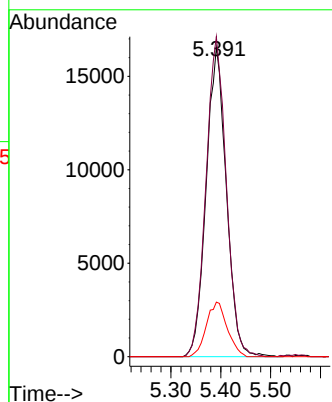
MSVOA_X

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Tgt Ion:	113	Resp:	46638
Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.8	124.2
192	18.2	16.9	25.3



#36

1,1-Dichloropropene

Concen: 6.240 ug/l

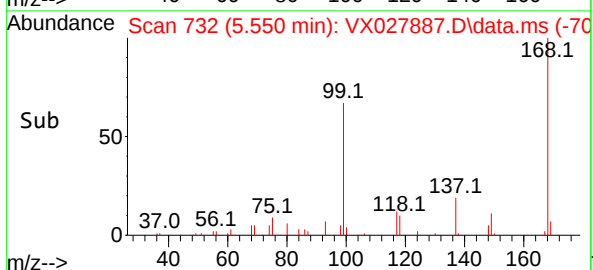
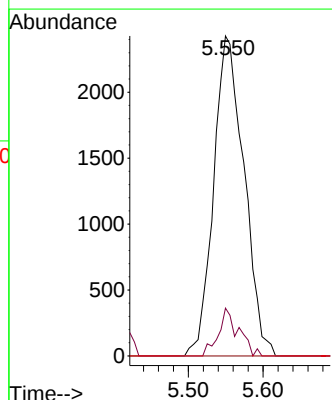
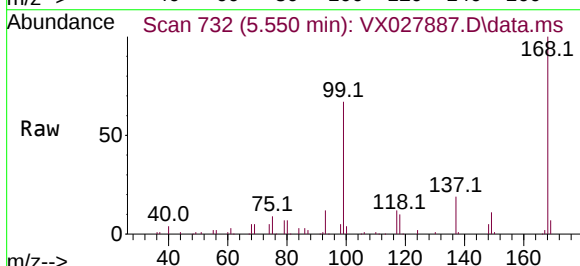
RT: 5.550 min Scan# 732

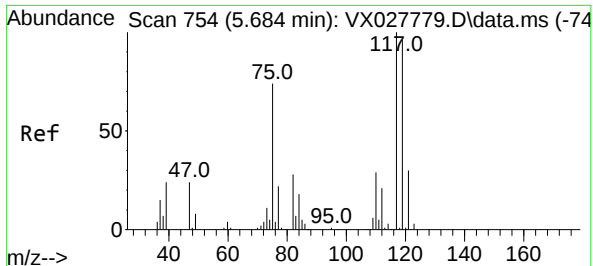
Delta R.T. -0.140 min

Lab File: VX027887.D

Acq: 01 Apr 2022 17:32

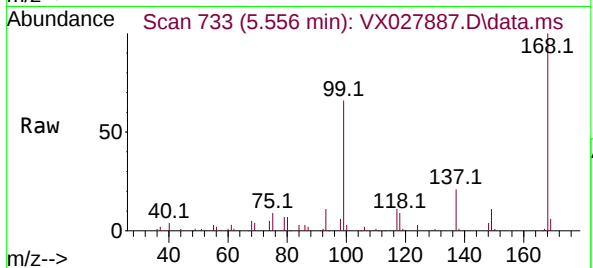
Tgt Ion:	75	Resp:	6859
Ion	Ratio	Lower	Upper
75	100		
110	9.9	18.3	54.8#
77	0.0	24.8	37.2#



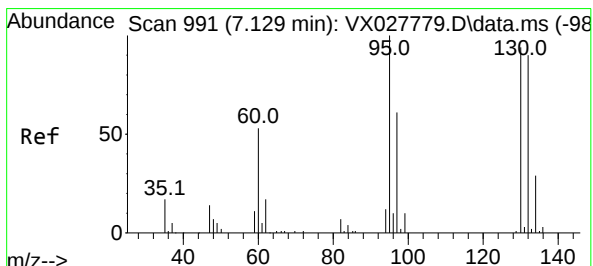
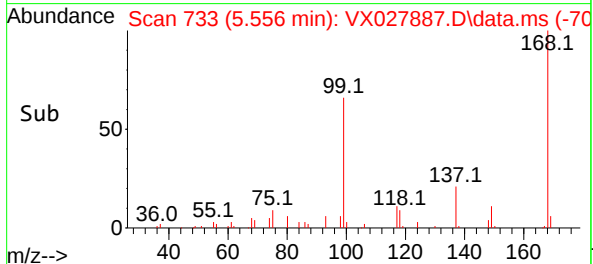
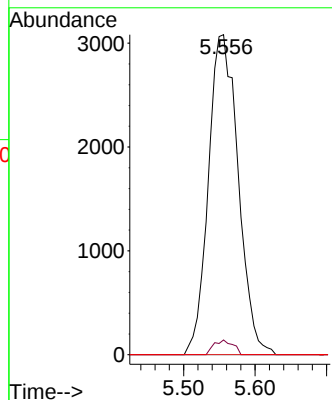


#38
Carbon Tetrachloride
Concen: 7.347 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX027887.D
Acq: 01 Apr 2022 17:32

Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20220319DL

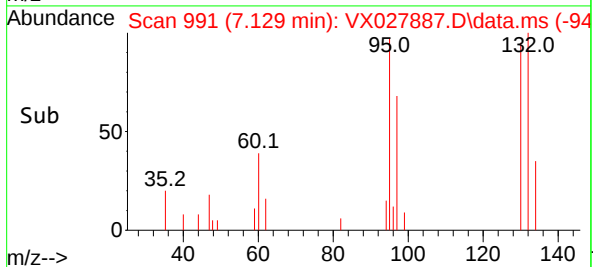
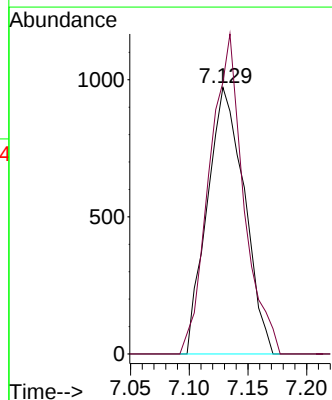
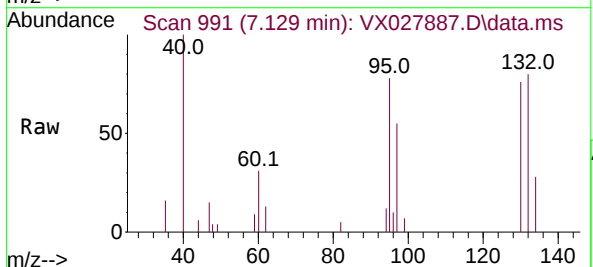


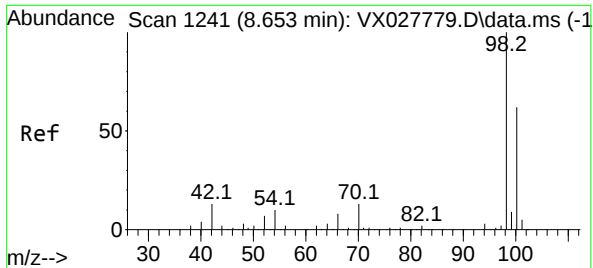
Tgt Ion:117 Resp: 8922
Ion Ratio Lower Upper
117 100
119 4.6 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 2.356 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX027887.D
Acq: 01 Apr 2022 17:32

Tgt Ion:130 Resp: 2133
Ion Ratio Lower Upper
130 100
95 101.9 0.0 188.8

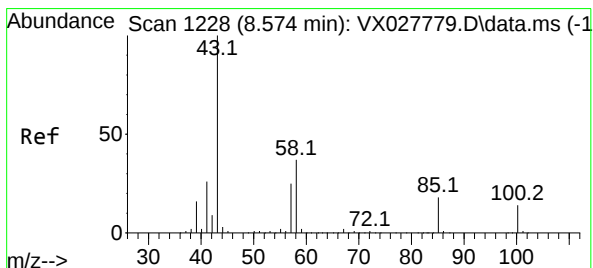
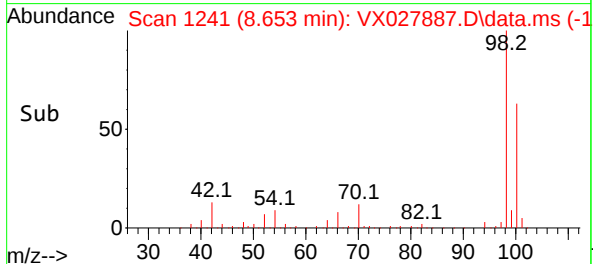
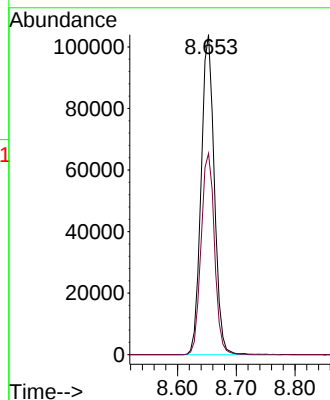
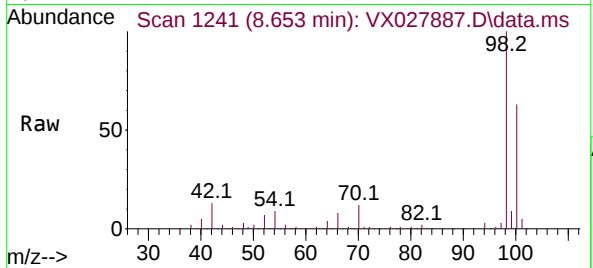




#50
Toluene-d8
Concen: 52.813 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027887.D
Acq: 01 Apr 2022 17:32

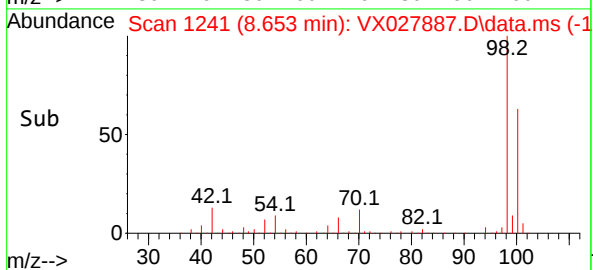
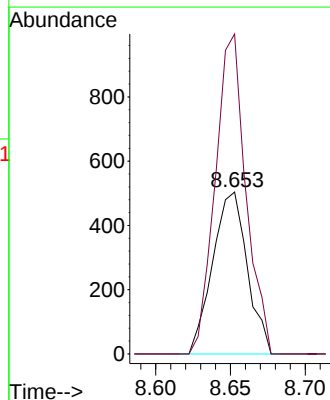
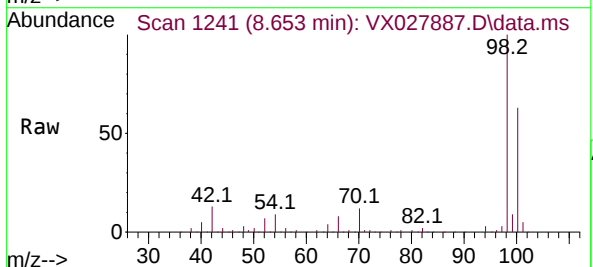
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20220319DL

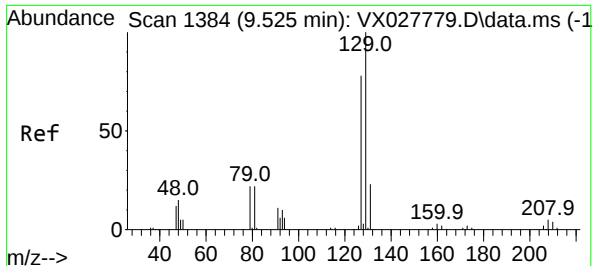
Tgt Ion: 98 Resp: 162170
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.535 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX027887.D
Acq: 01 Apr 2022 17:32

Tgt Ion: 43 Resp: 810
Ion Ratio Lower Upper
43 100
58 175.2 36.1 54.1#

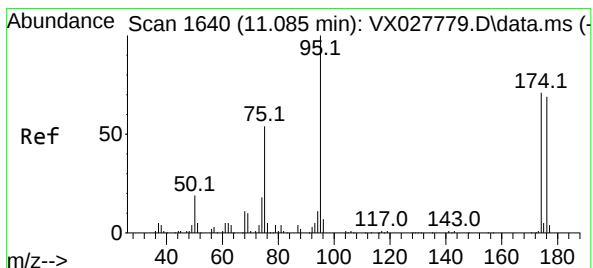
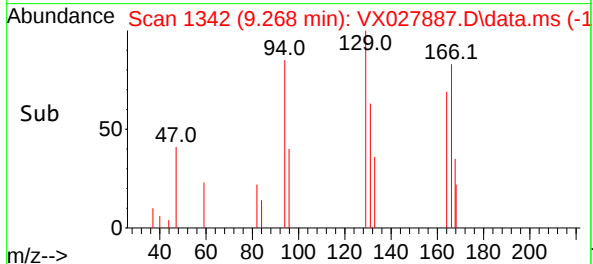
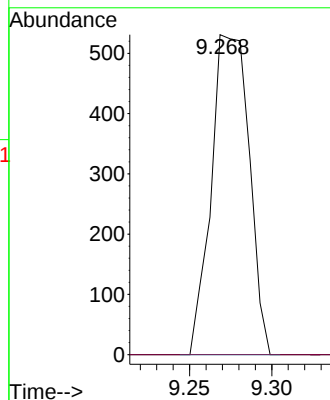
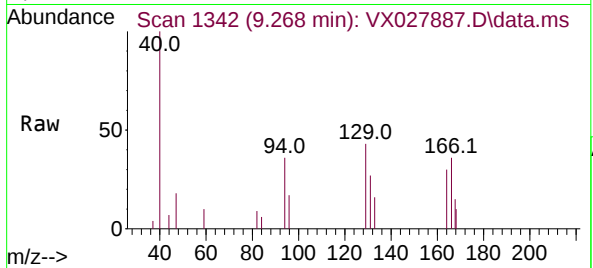




#60
Dibromochloromethane
Concen: 0.883 ug/l
RT: 9.268 min Scan# 11
Delta R.T. -0.257 min
Lab File: VX027887.D
Acq: 01 Apr 2022 17:32

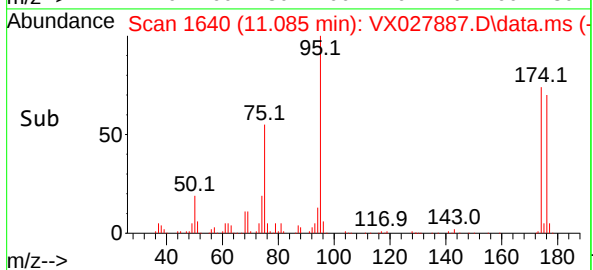
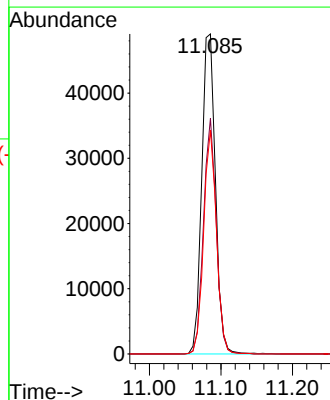
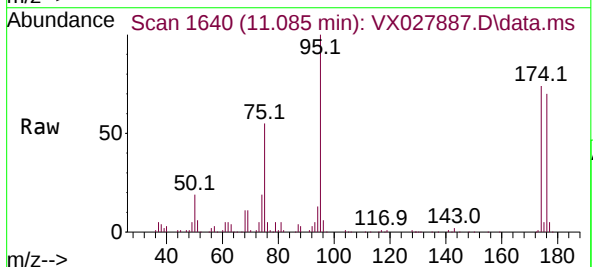
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20220319DL

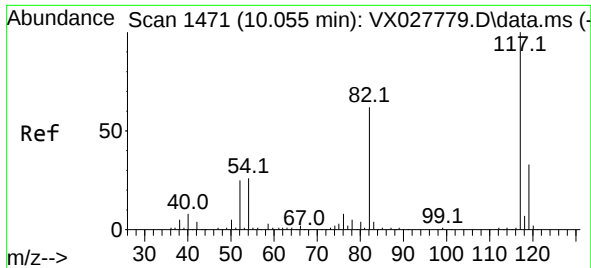
Tgt Ion:129 Resp: 852
Ion Ratio Lower Upper
129 100
127 0.0 40.3 120.8#



#62
4-Bromofluorobenzene
Concen: 49.915 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027887.D
Acq: 01 Apr 2022 17:32

Tgt Ion: 95 Resp: 65135
Ion Ratio Lower Upper
95 100
174 68.8 0.0 163.0
176 65.6 0.0 155.0

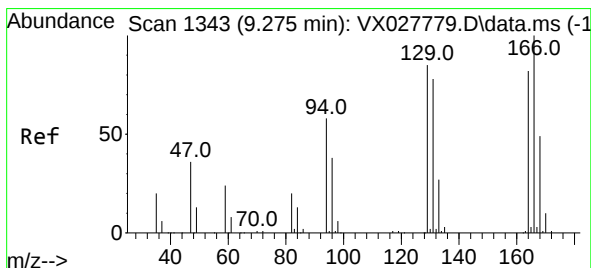
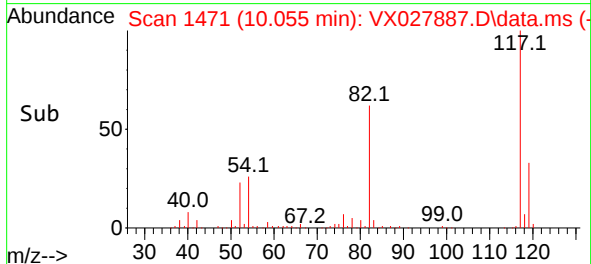
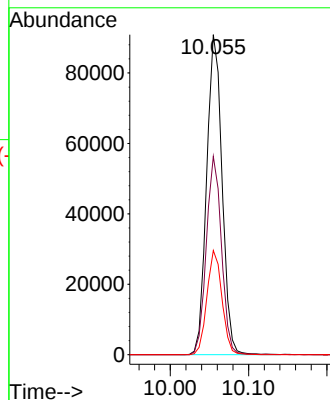
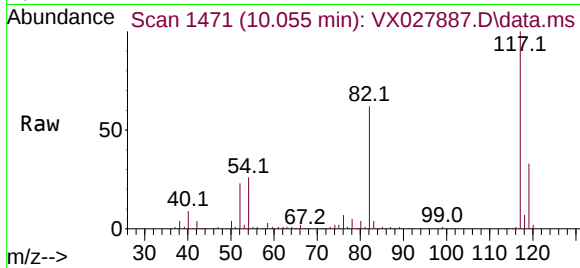




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027887.D
Acq: 01 Apr 2022 17:32

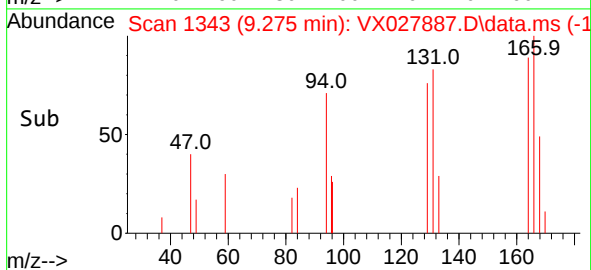
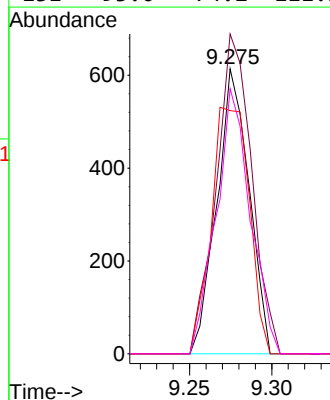
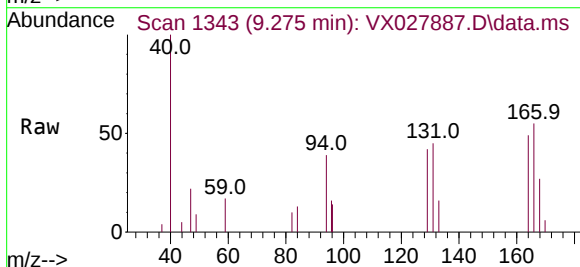
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20220319DL

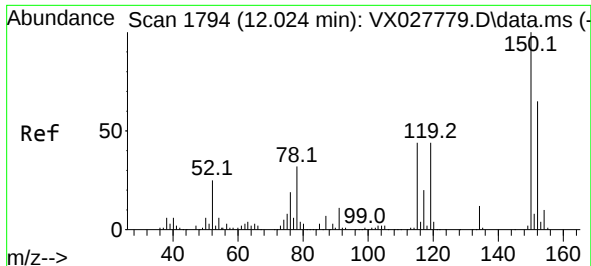
Tgt Ion:117 Resp: 123967
Ion Ratio Lower Upper
117 100
82 62.0 41.8 62.8
119 32.5 24.8 37.2



#64
Tetrachloroethene
Concen: 0.992 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX027887.D
Acq: 01 Apr 2022 17:32

Tgt Ion:164 Resp: 834
Ion Ratio Lower Upper
164 100
166 112.2 101.2 151.8
129 85.3 73.0 109.4
131 93.0 74.2 111.2

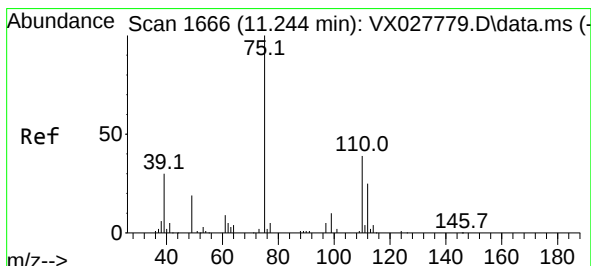
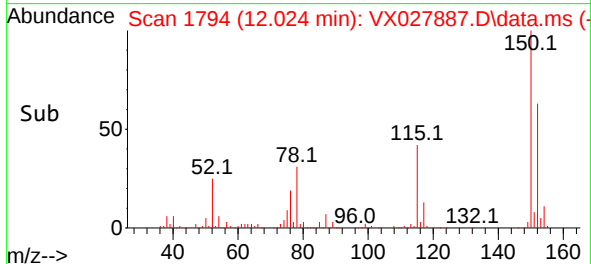
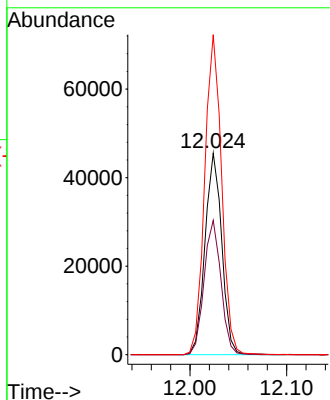
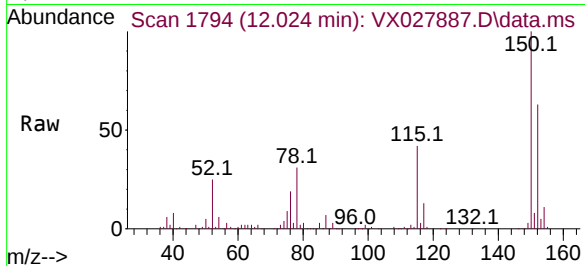




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027887.D
 Acq: 01 Apr 2022 17:32

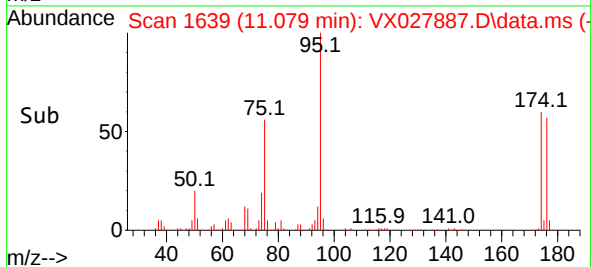
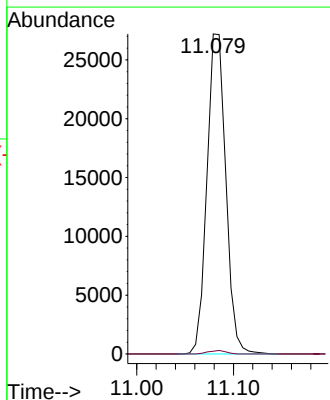
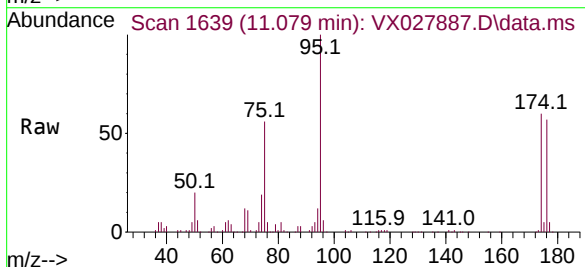
Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D3-20220319DL

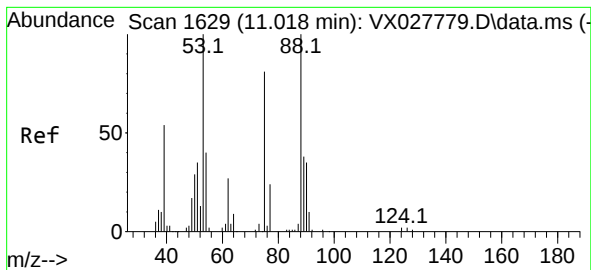
Tgt Ion:152 Resp: 54840
 Ion Ratio Lower Upper
 152 100
 115 67.0 37.5 112.7
 150 159.7 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 28.745 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX027887.D
 Acq: 01 Apr 2022 17:32

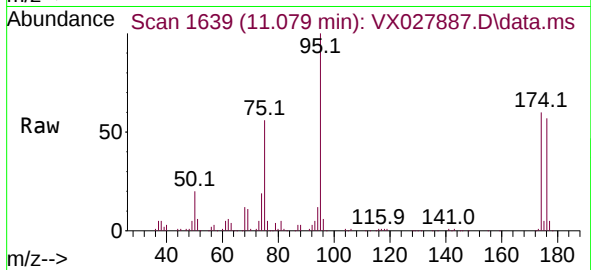
Tgt Ion: 75 Resp: 36979
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.874 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX027887.D
 Acq: 01 Apr 2022 17:32

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D3-20220319DL



Tgt Ion: 75 Resp: 36979
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

