

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040122\
 Data File : VX027888.D
 Acq On : 01 Apr 2022 17:55
 Operator : JC/MD
 Sample : N2074-07DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20220319DL

Quant Time: Apr 02 05:09:50 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)

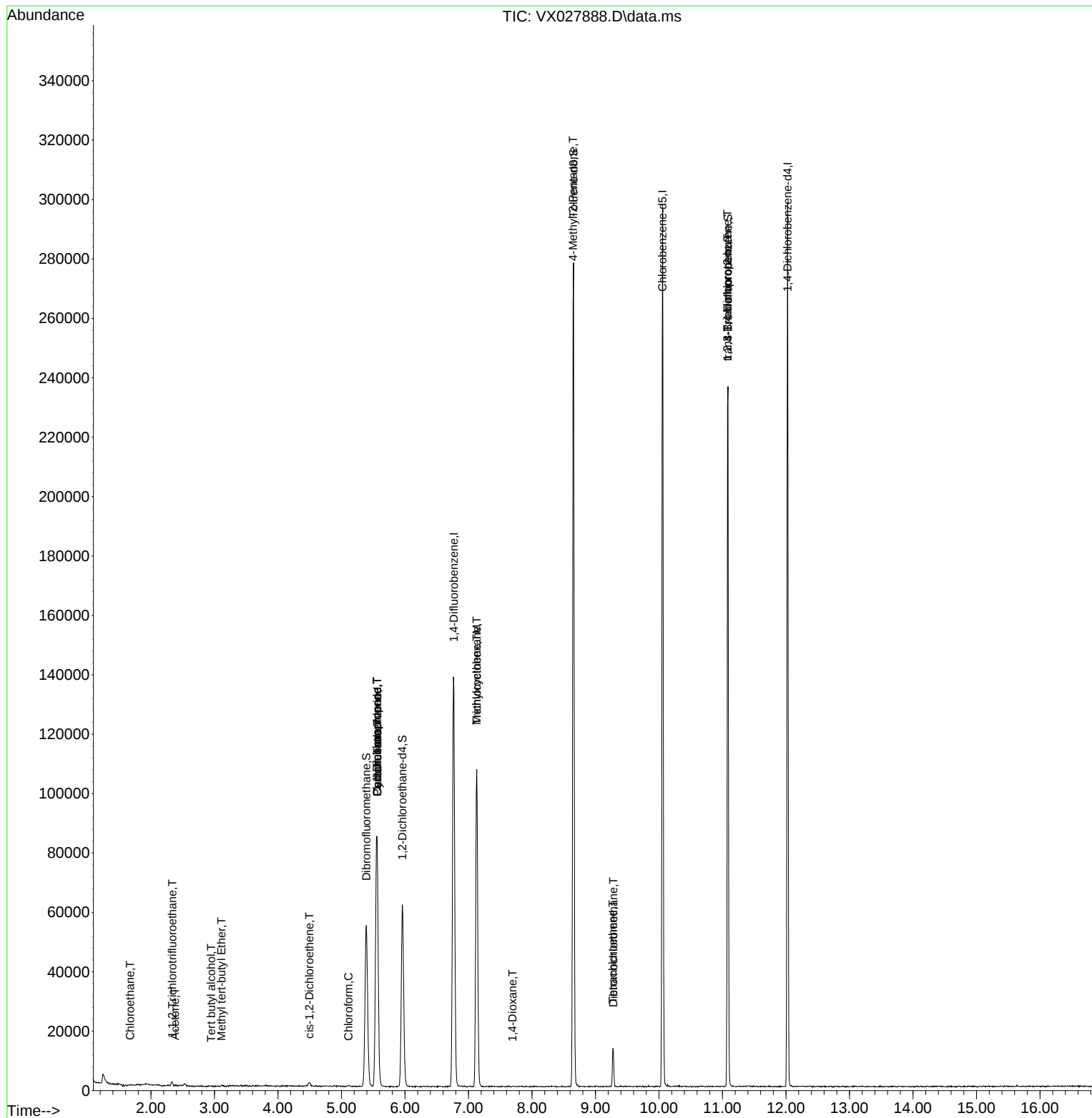
Internal Standards						
1) Pentafluorobenzene	5.562	168	75294	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	134024	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53647	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62269	64.096	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 128.200%	
35) Dibromofluoromethane	5.391	113	45649	52.768	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 105.540%	
50) Toluene-d8	8.653	98	161043	52.909	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.820%	
62) 4-Bromofluorobenzene	11.085	95	64283	49.697	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 99.400%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.673	64	207	0.497	ug/l	# 43
9) 1,1,2-Trichlorotrifluo...	2.337	101	524	0.743	ug/l	96
11) Tert butyl alcohol	2.947	59	93	0.498	ug/l	# 72
16) Acetone	2.380	43	358	0.833	ug/l	# 76
19) Methyl tert-butyl Ether	3.111	73	510	0.207	ug/l	# 55
27) cis-1,2-Dichloroethene	4.495	96	613	0.724	ug/l	83
30) Chloroform	5.111	83	339	0.228	ug/l	# 69
31) Cyclohexane	5.562	56	1876	1.747	ug/l	# 46
36) 1,1-Dichloropropene	5.556	75	6776	6.219	ug/l	# 50
38) Carbon Tetrachloride	5.562	117	8547	7.100	ug/l	# 14
39) Methylcyclohexane	7.129	83	499	0.389	ug/l	# 1
44) Trichloroethene	7.129	130	38774	43.210	ug/l	90
49) 1,4-Dioxane	7.690	88	46	2.054	ug/l	# 25
51) 4-Methyl-2-Pentanone	8.647	43	777	0.518	ug/l	# 1
60) Dibromochloromethane	9.281	129	2631	2.751	ug/l	# 9
64) Tetrachloroethene	9.275	164	2345	2.784	ug/l	# 87
76) 1,2,3-Trichloropropane	11.079	75	35968	28.581	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	35968	83.415	ug/l	# 15

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

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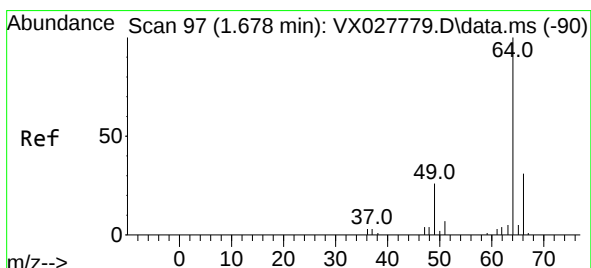
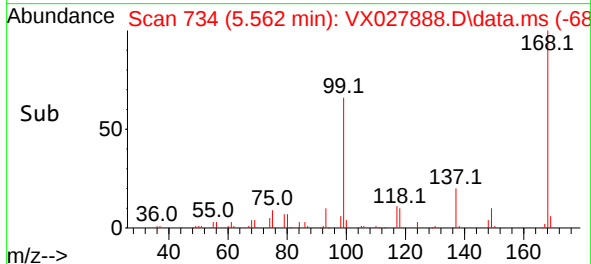
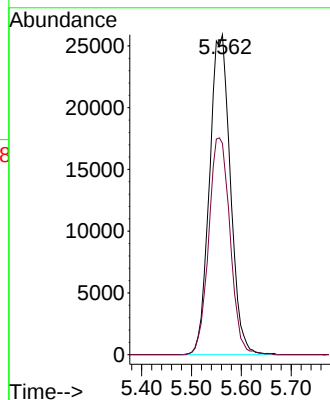
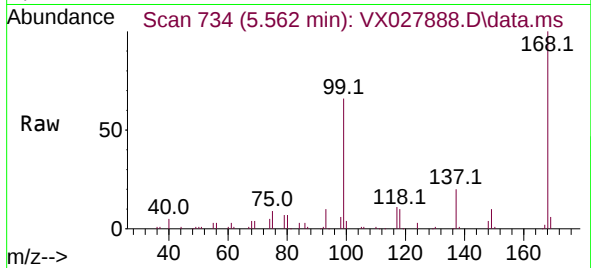




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX027888.D
Acq: 01 Apr 2022 17:55

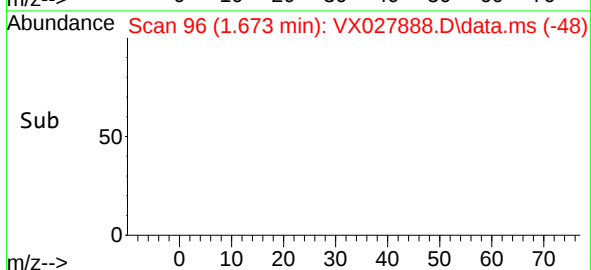
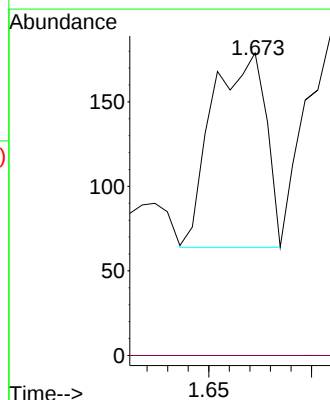
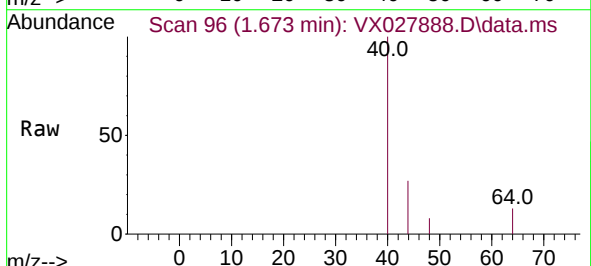
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20220319DL

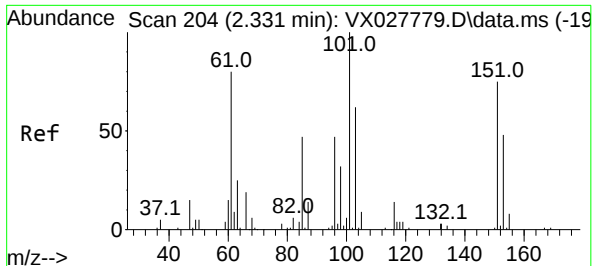
Tgt Ion:168 Resp: 75294
Ion Ratio Lower Upper
168 100
99 66.0 41.7 62.5#



#6
Chloroethane
Concen: 0.497 ug/l
RT: 1.673 min Scan# 96
Delta R.T. -0.005 min
Lab File: VX027888.D
Acq: 01 Apr 2022 17:55

Tgt Ion: 64 Resp: 207
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

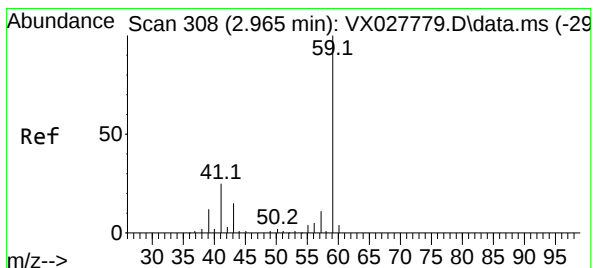
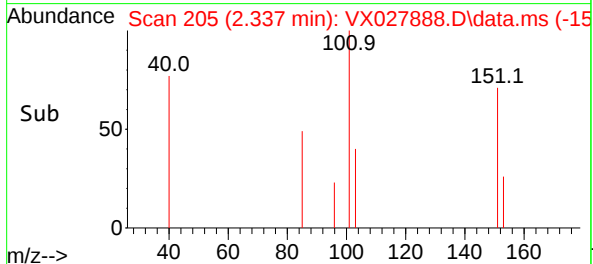
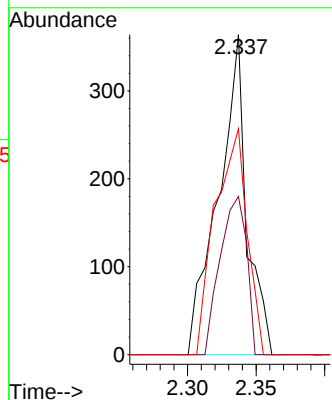
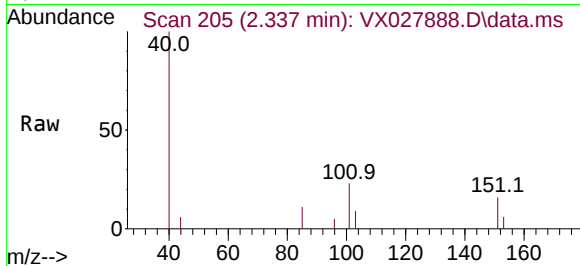




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.743 ug/l
RT: 2.337 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX027888.D
Acq: 01 Apr 2022 17:55

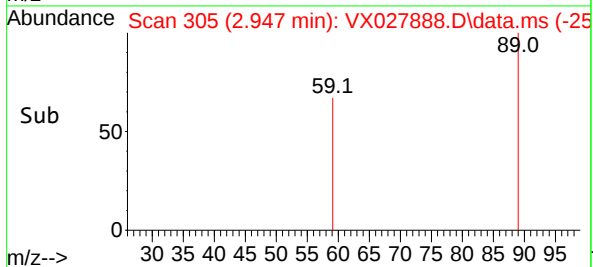
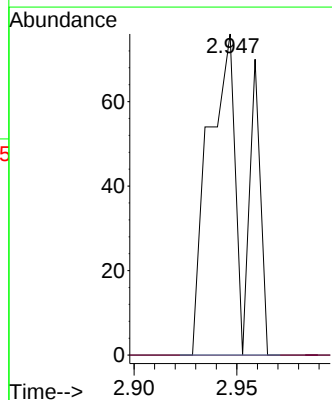
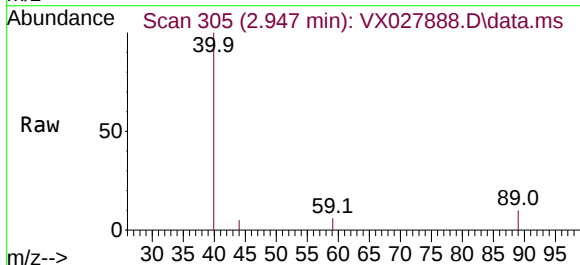
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20220319DL

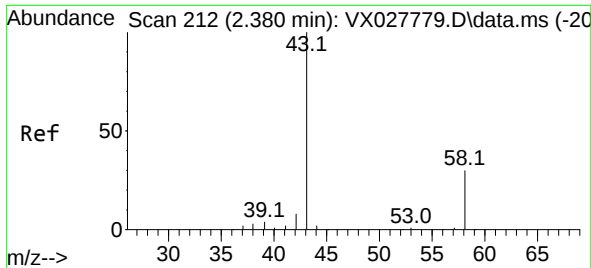
Tgt Ion:101 Resp: 524
Ion Ratio Lower Upper
101 100
85 46.0 33.5 50.3
151 79.0 61.8 92.6



#11
Tert butyl alcohol
Concen: 0.498 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX027888.D
Acq: 01 Apr 2022 17:55

Tgt Ion: 59 Resp: 93
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

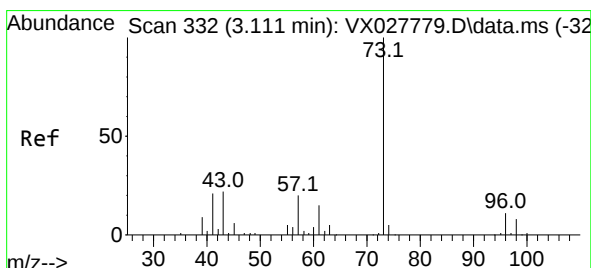
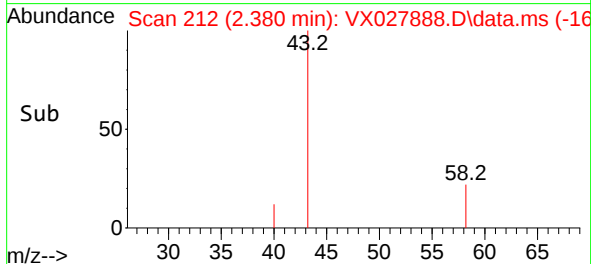
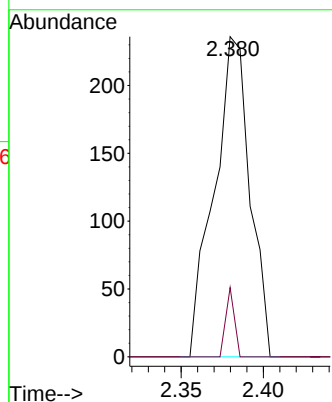
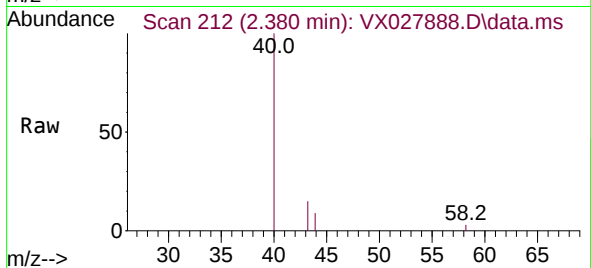




#16
Acetone
Concen: 0.833 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027888.D
Acq: 01 Apr 2022 17:55

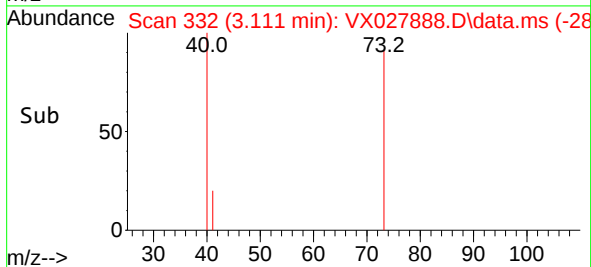
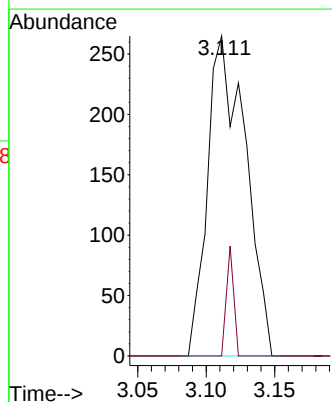
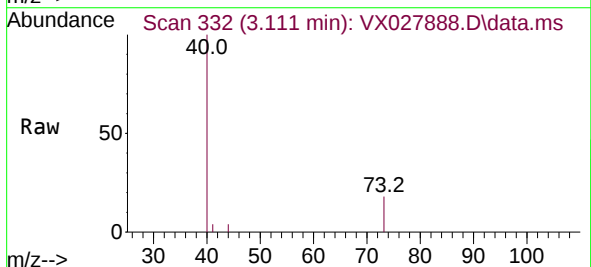
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20220319DL

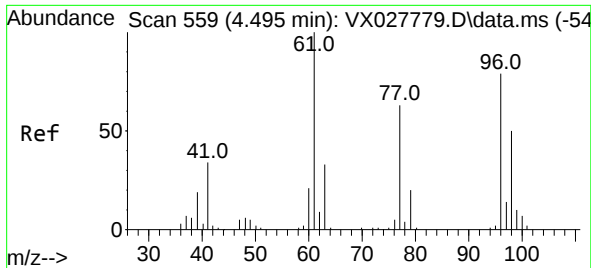
Tgt Ion: 43 Resp: 358
Ion Ratio Lower Upper
43 100
58 21.6 28.8 43.2#



#19
Methyl tert-butyl Ether
Concen: 0.207 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX027888.D
Acq: 01 Apr 2022 17:55

Tgt Ion: 73 Resp: 510
Ion Ratio Lower Upper
73 100
57 0.0 16.8 25.2#





#27

cis-1,2-Dichloroethene

Concen: 0.724 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX027888.D

Acq: 01 Apr 2022 17:55

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20220319DL

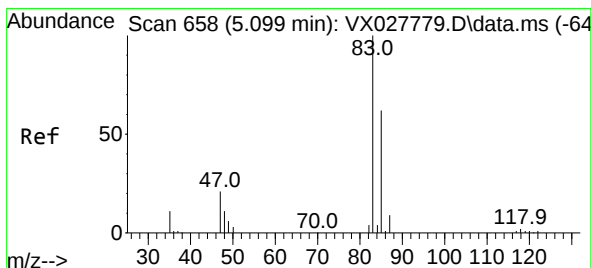
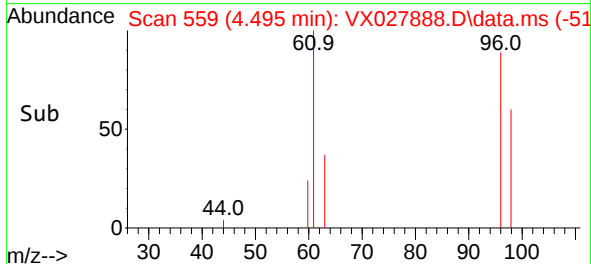
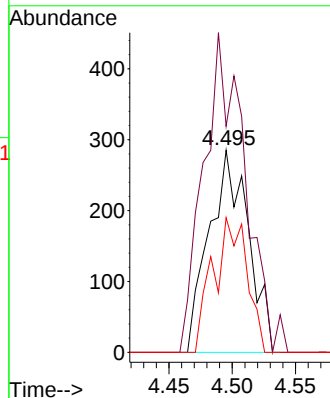
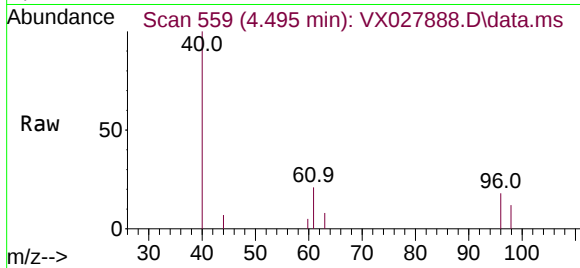
Tgt Ion: 96 Resp: 613

Ion Ratio Lower Upper

96 100

61 166.7 0.0 283.8

98 57.7 0.0 129.8



#30

Chloroform

Concen: 0.228 ug/l

RT: 5.111 min Scan# 660

Delta R.T. 0.012 min

Lab File: VX027888.D

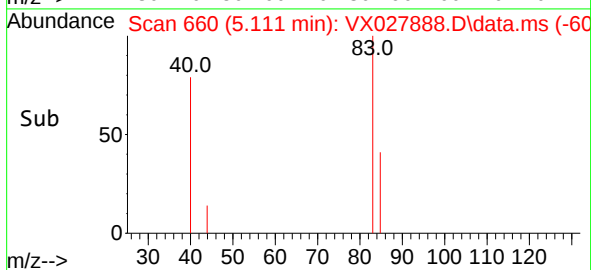
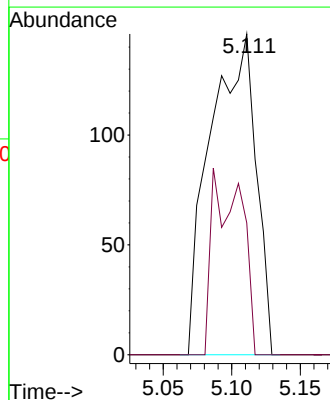
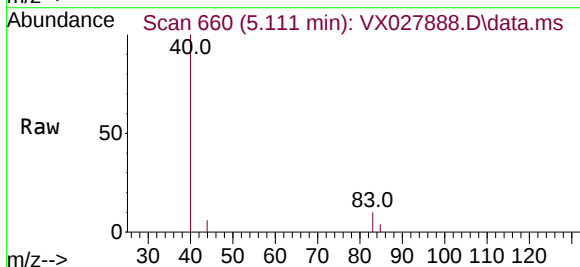
Acq: 01 Apr 2022 17:55

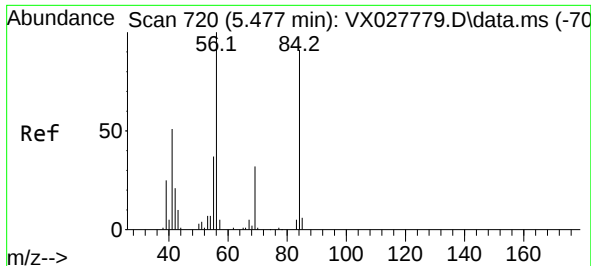
Tgt Ion: 83 Resp: 339

Ion Ratio Lower Upper

83 100

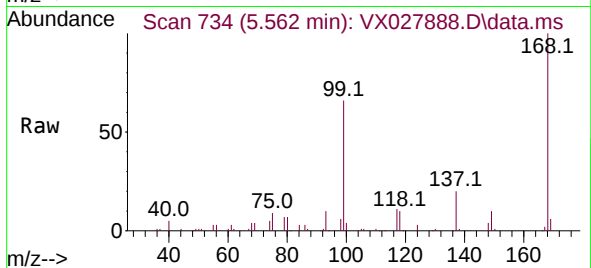
85 41.1 52.7 79.1#



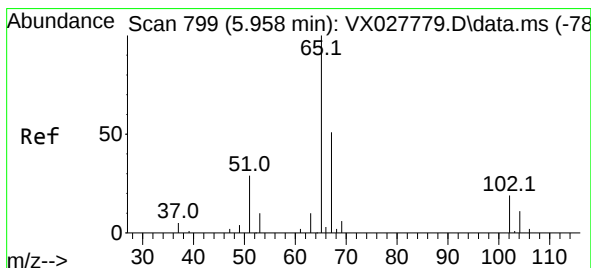
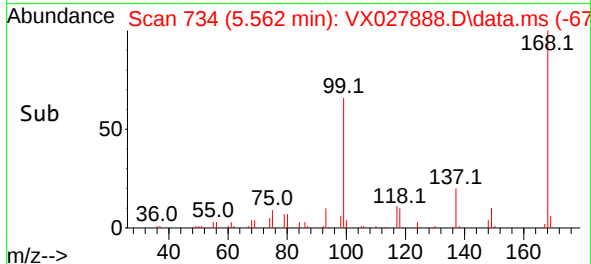
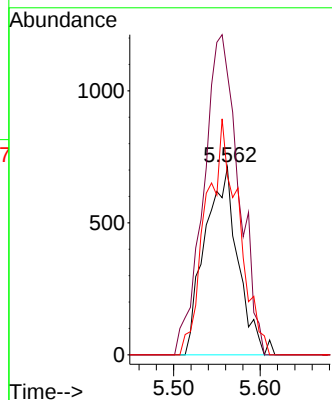


#31
Cyclohexane
Concen: 1.747 ug/l
RT: 5.562 min Scan# 714
Delta R.T. 0.085 min
Lab File: VX027888.D
Acq: 01 Apr 2022 17:55

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20220319DL

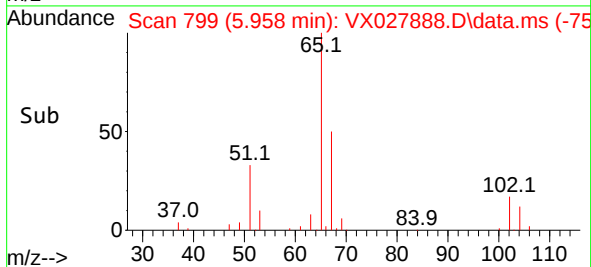
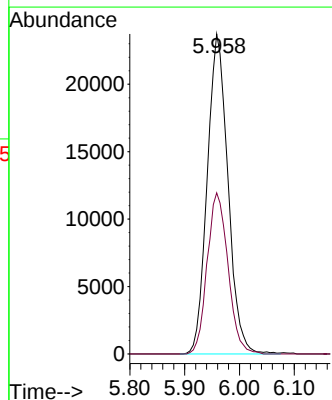
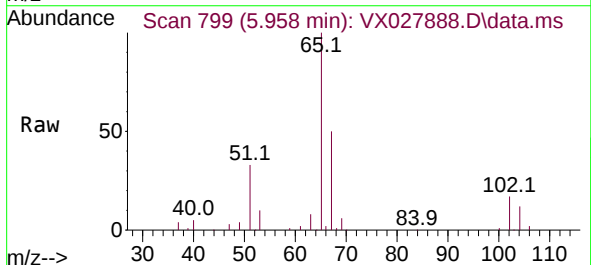


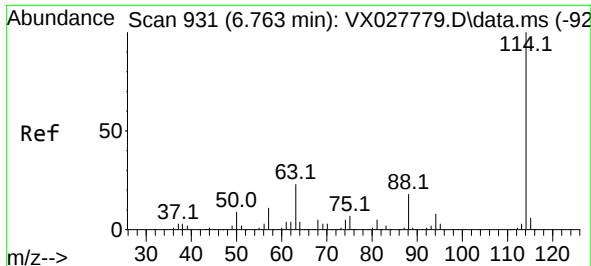
Tgt Ion: 56 Resp: 1876
Ion Ratio Lower Upper
56 100
69 149.8 26.7 40.1#
84 95.4 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 64.096 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027888.D
Acq: 01 Apr 2022 17:55

Tgt Ion: 65 Resp: 62269
Ion Ratio Lower Upper
65 100
67 50.5 0.0 107.4

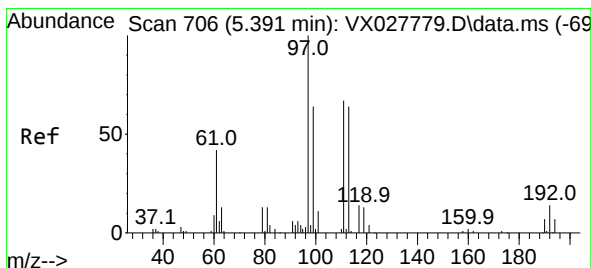
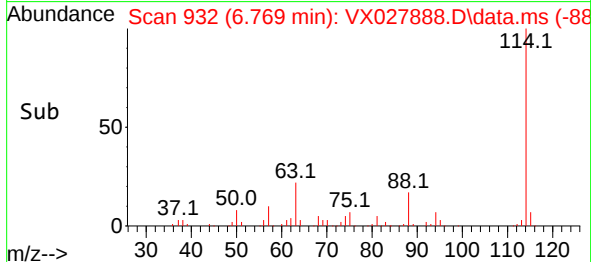
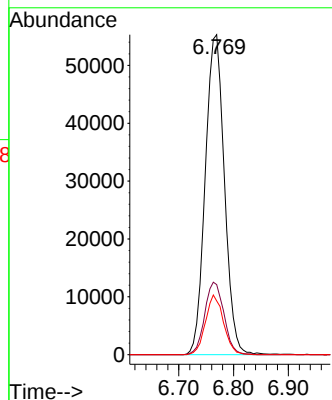
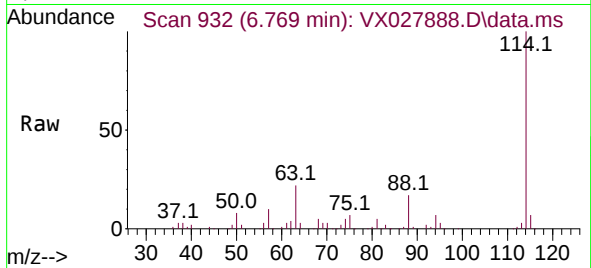




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX027888.D
Acq: 01 Apr 2022 17:55

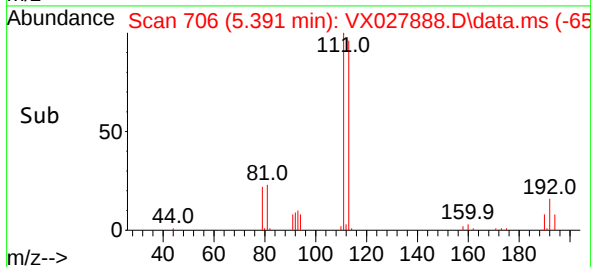
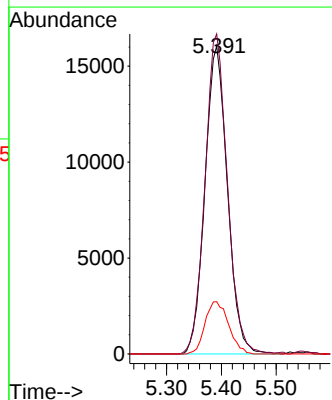
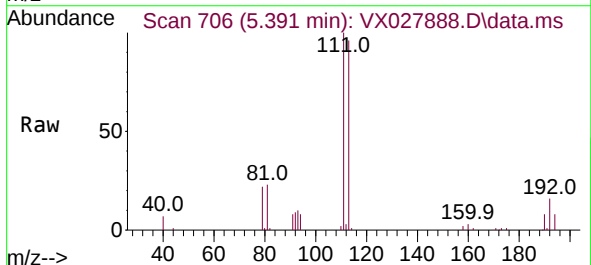
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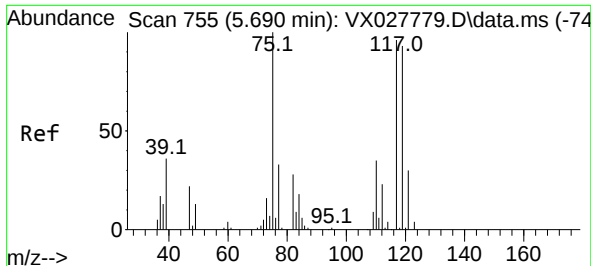
Tgt Ion:114 Resp: 134024
Ion Ratio Lower Upper
114 100
63 21.9 0.0 36.8
88 16.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 52.768 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027888.D
Acq: 01 Apr 2022 17:55

Tgt Ion:113 Resp: 45649
Ion Ratio Lower Upper
113 100
111 103.7 82.8 124.2
192 17.8 16.9 25.3





#36

1,1-Dichloropropene

Concen: 6.219 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX027888.D

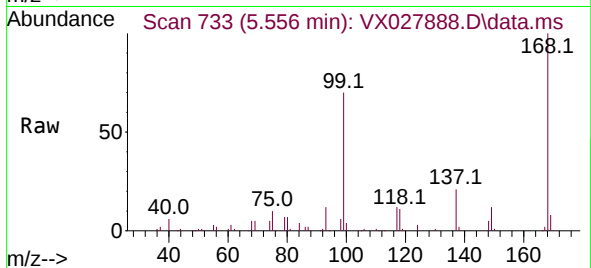
Acq: 01 Apr 2022 17:55

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20220319DL



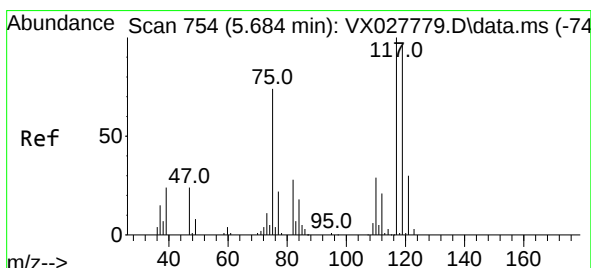
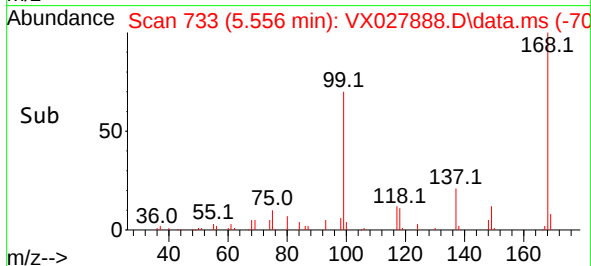
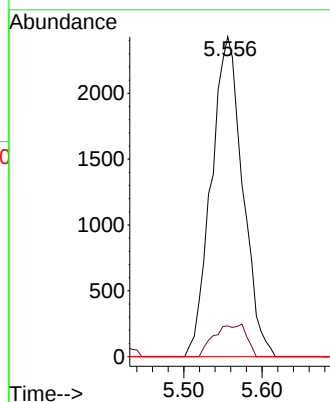
Tgt Ion: 75 Resp: 6776

Ion Ratio Lower Upper

75 100

110 10.3 18.3 54.8#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 7.100 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.122 min

Lab File: VX027888.D

Acq: 01 Apr 2022 17:55

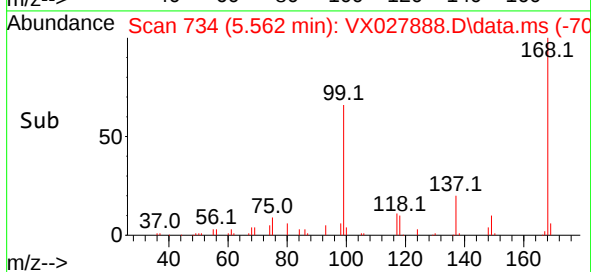
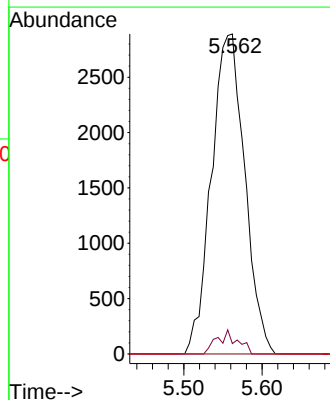
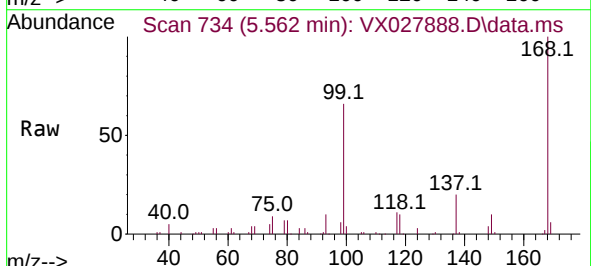
Tgt Ion: 117 Resp: 8547

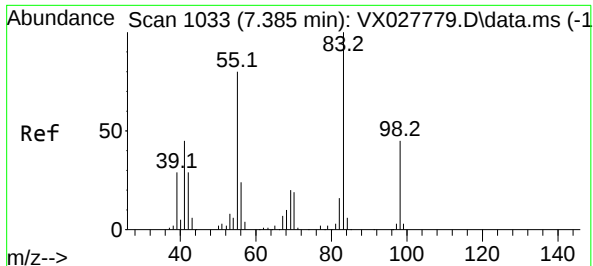
Ion Ratio Lower Upper

117 100

119 3.3 77.3 115.9#

121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 0.389 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.256 min

Lab File: VX027888.D

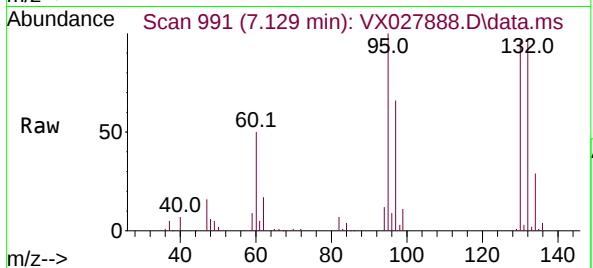
Acq: 01 Apr 2022 17:55

Instrument :

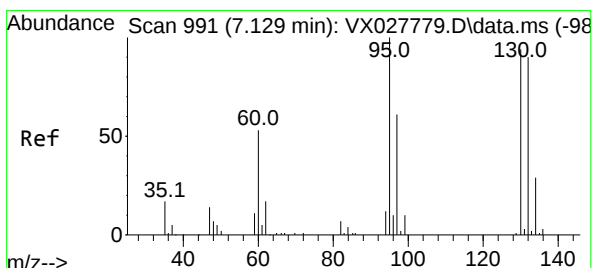
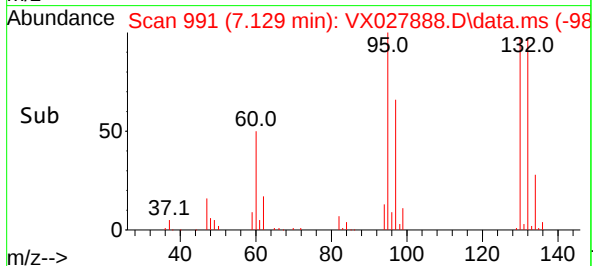
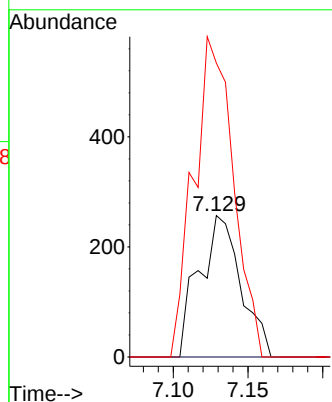
MSVOA_X

ClientSampleId :

RE131D1-20220319DL



Tgt Ion:	83	Resp:	499
Ion	Ratio	Lower	Upper
83	100		
55	0.0	54.6	81.8#
98	207.8	37.4	56.2#



#44

Trichloroethene

Concen: 43.210 ug/l

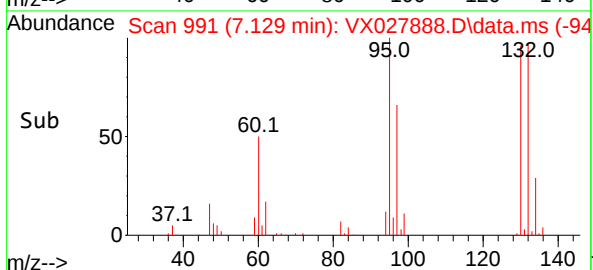
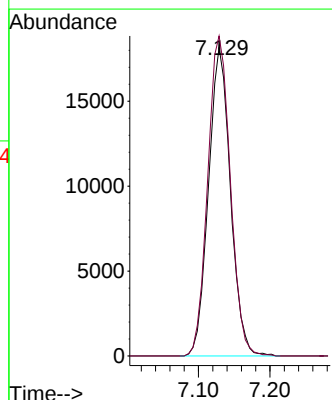
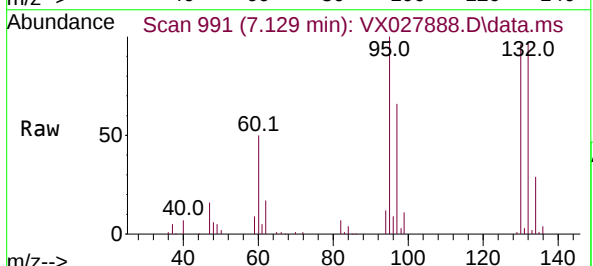
RT: 7.129 min Scan# 991

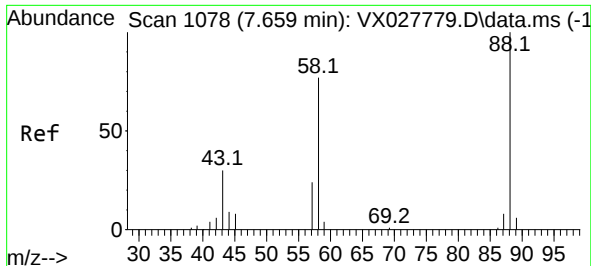
Delta R.T. -0.000 min

Lab File: VX027888.D

Acq: 01 Apr 2022 17:55

Tgt Ion:	130	Resp:	38774
Ion	Ratio	Lower	Upper
130	100		
95	103.7	0.0	188.8





#49

1,4-Dioxane

Concen: 2.054 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. 0.031 min

Lab File: VX027888.D

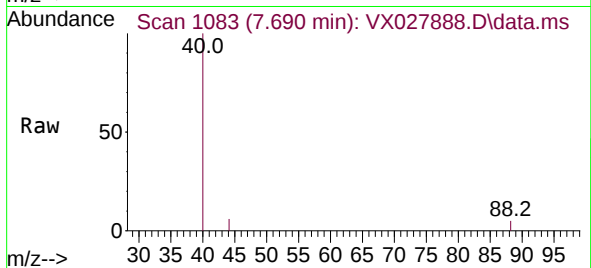
Acq: 01 Apr 2022 17:55

Instrument :

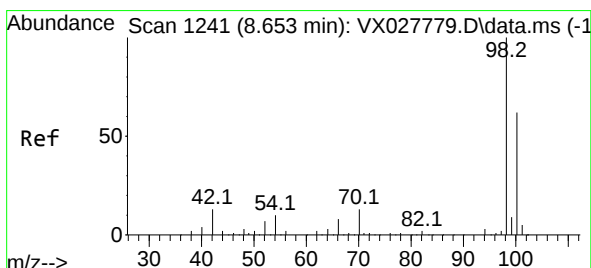
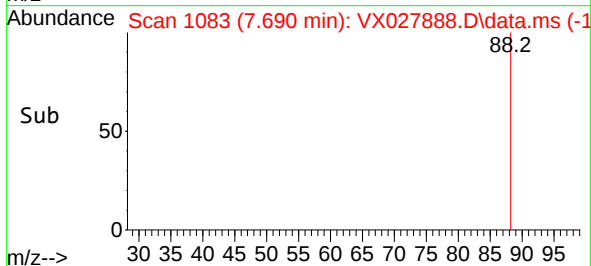
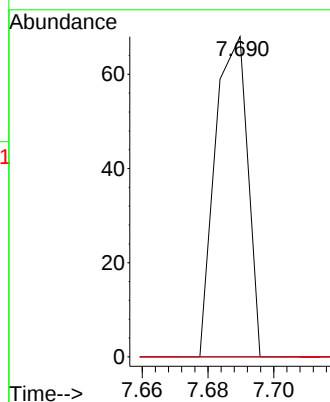
MSVOA_X

ClientSampleId :

RE131D1-20220319DL



Tgt Ion:	88	Resp:	46
Ion	Ratio	Lower	Upper
88	100		
43	0.0	21.9	32.9#
58	0.0	53.7	80.5#



#50

Toluene-d8

Concen: 52.909 ug/l

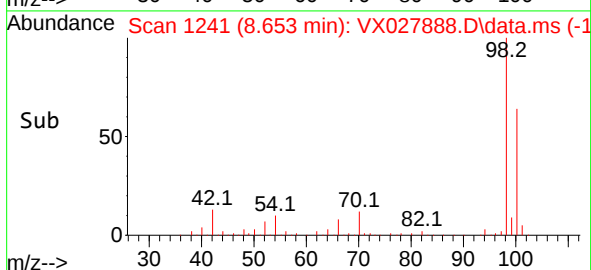
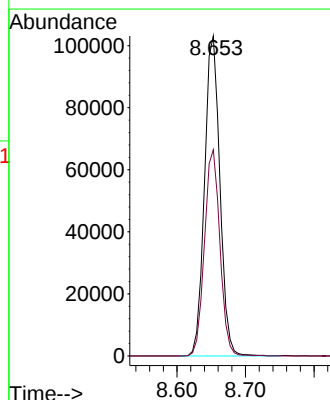
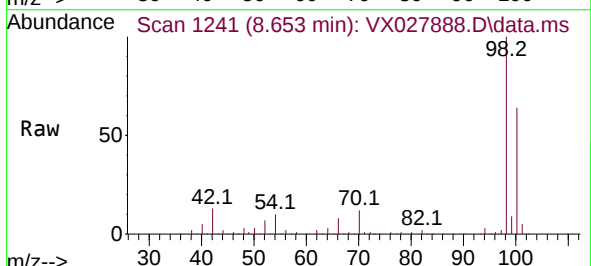
RT: 8.653 min Scan# 1241

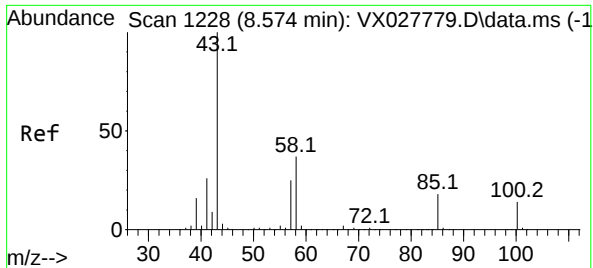
Delta R.T. -0.000 min

Lab File: VX027888.D

Acq: 01 Apr 2022 17:55

Tgt Ion:	98	Resp:	161043
Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.6	78.8

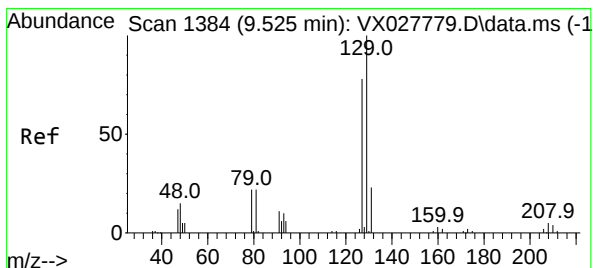
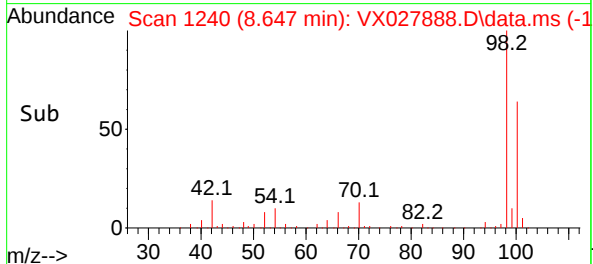
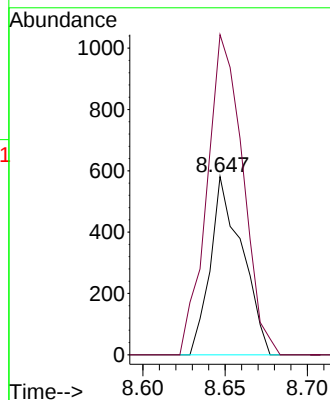
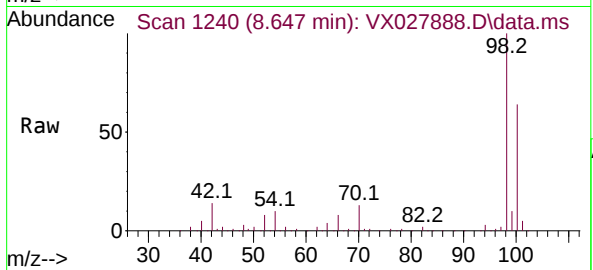




#51
4-Methyl-2-Pentanone
Concen: 0.518 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX027888.D
Acq: 01 Apr 2022 17:55

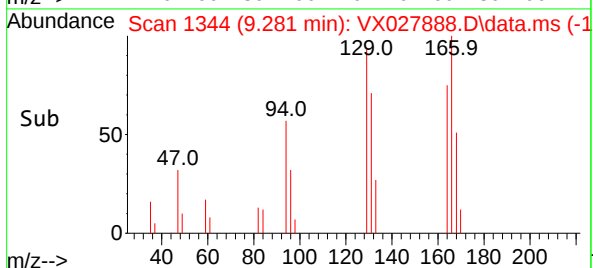
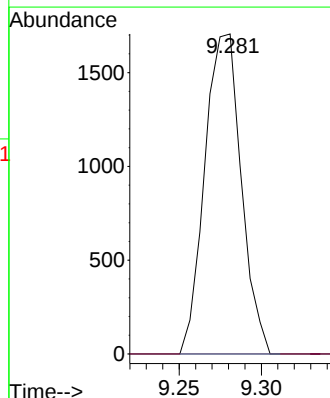
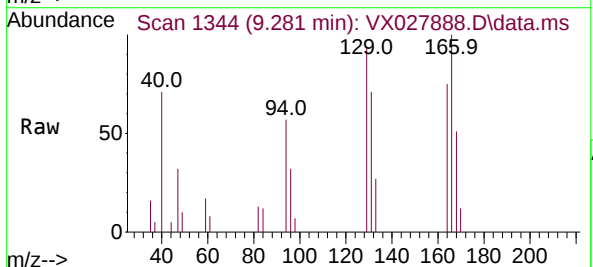
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20220319DL

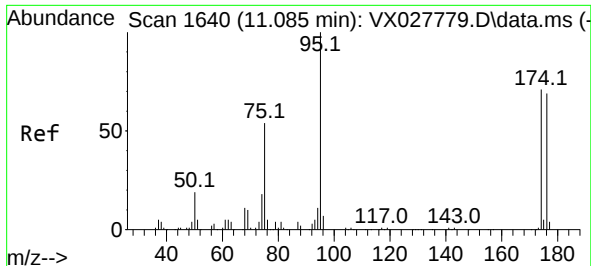
Tgt Ion: 43 Resp: 777
Ion Ratio Lower Upper
43 100
58 204.0 36.1 54.1#



#60
Dibromochloromethane
Concen: 2.751 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX027888.D
Acq: 01 Apr 2022 17:55

Tgt Ion: 129 Resp: 2631
Ion Ratio Lower Upper
129 100
127 0.0 40.3 120.8#





#62

4-Bromofluorobenzene

Concen: 49.697 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX027888.D

Acq: 01 Apr 2022 17:55

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20220319DL

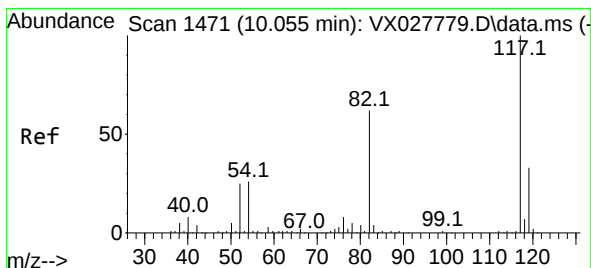
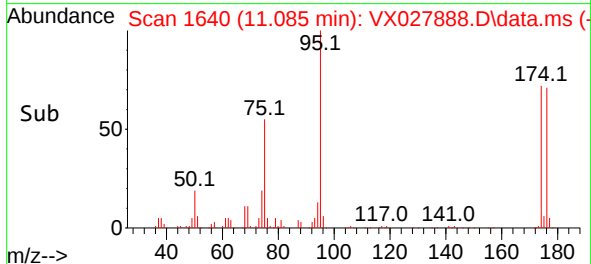
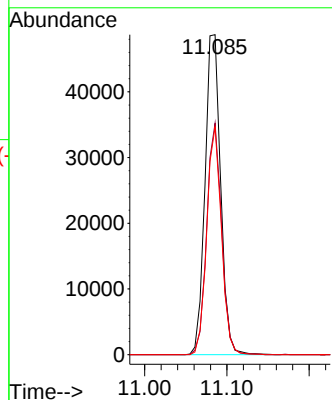
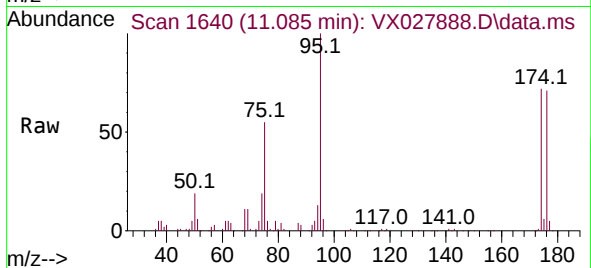
Tgt Ion: 95 Resp: 64283

Ion Ratio Lower Upper

95 100

174 69.1 0.0 163.0

176 66.9 0.0 155.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX027888.D

Acq: 01 Apr 2022 17:55

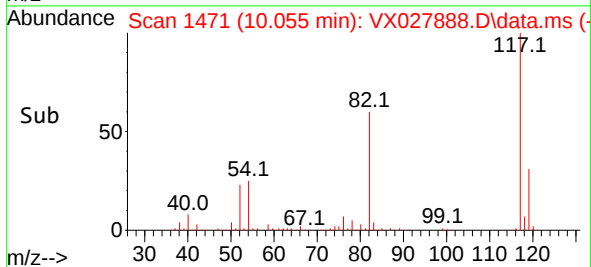
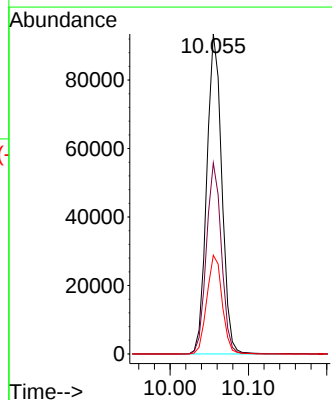
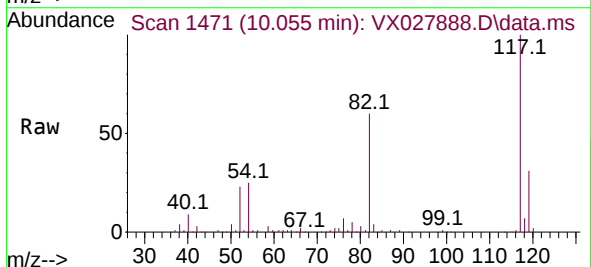
Tgt Ion: 117 Resp: 124221

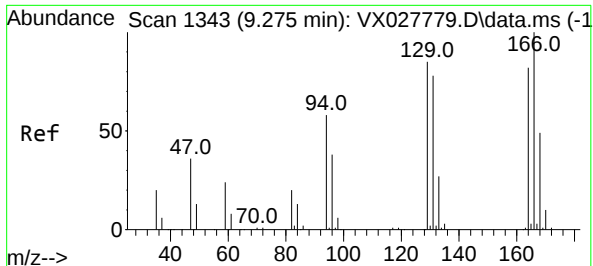
Ion Ratio Lower Upper

117 100

82 59.7 41.8 62.8

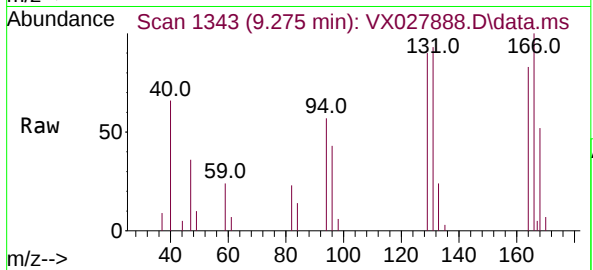
119 30.9 24.8 37.2



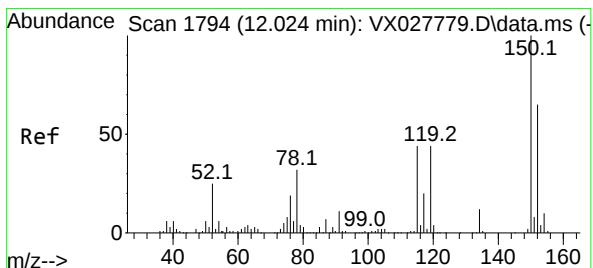
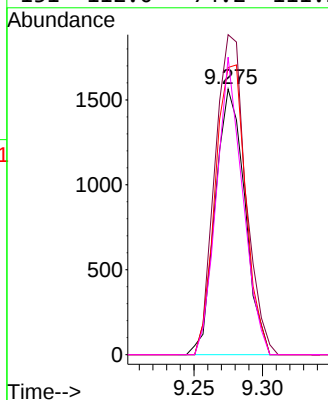
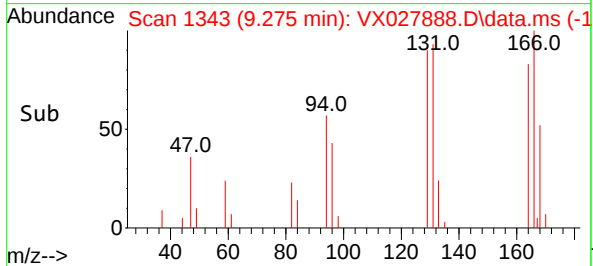


#64
Tetrachloroethene
Concen: 2.784 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027888.D
Acq: 01 Apr 2022 17:55

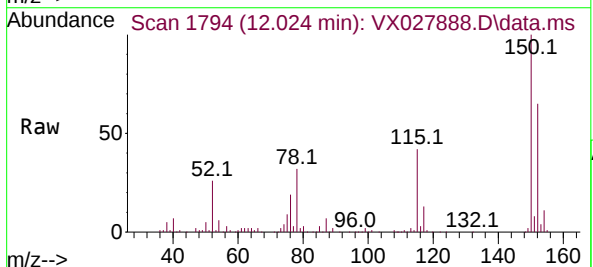
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20220319DL



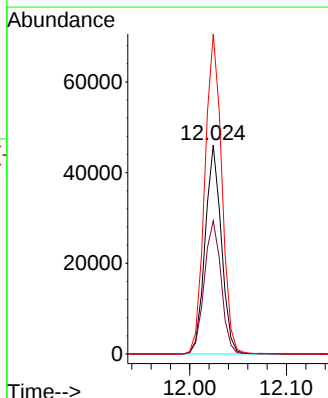
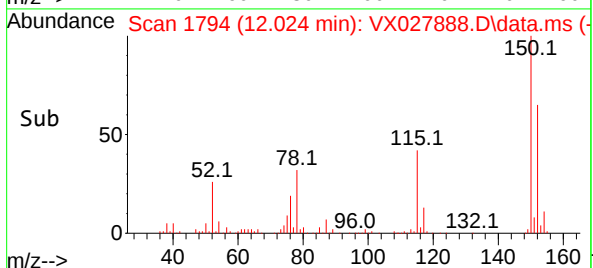
Tgt Ion:164 Resp: 2345
Ion Ratio Lower Upper
164 100
166 120.5 101.2 151.8
129 108.1 73.0 109.4
131 112.0 74.2 111.2#

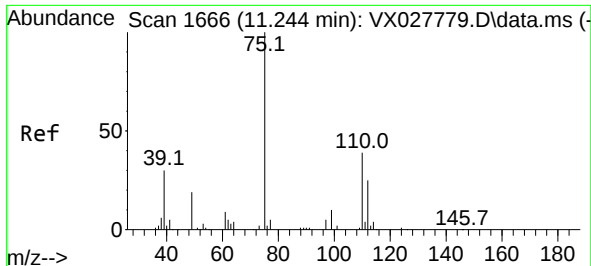


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027888.D
Acq: 01 Apr 2022 17:55



Tgt Ion:152 Resp: 53647
Ion Ratio Lower Upper
152 100
115 66.4 37.5 112.7
150 160.1 0.0 338.2

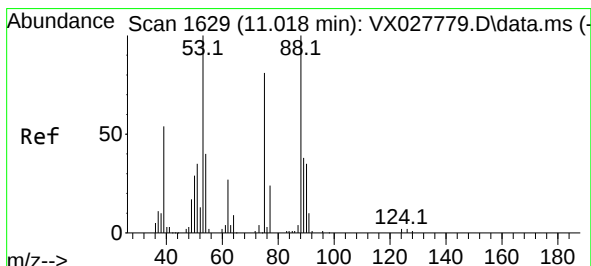
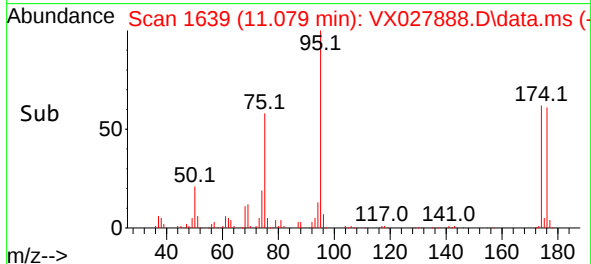
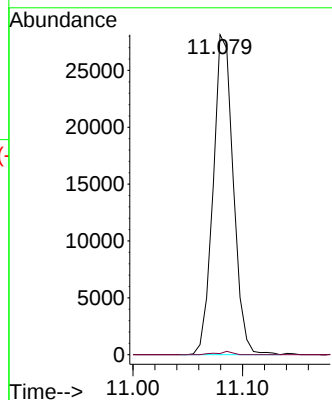
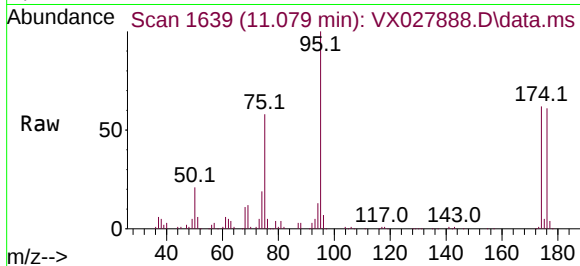




#76
1,2,3-Trichloropropane
Concen: 28.581 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027888.D
Acq: 01 Apr 2022 17:55

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20220319DL

Tgt Ion: 75 Resp: 35968
Ion Ratio Lower Upper
75 100
77 0.8 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.415 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027888.D
Acq: 01 Apr 2022 17:55

Tgt Ion: 75 Resp: 35968
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

