

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032122\
 Data File : VX027600.D
 Acq On : 21 Mar 2022 20:45
 Operator : JC/MD
 Sample : N2000-10DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-134D4-20220315DL

Quant Time: Mar 22 05:50:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

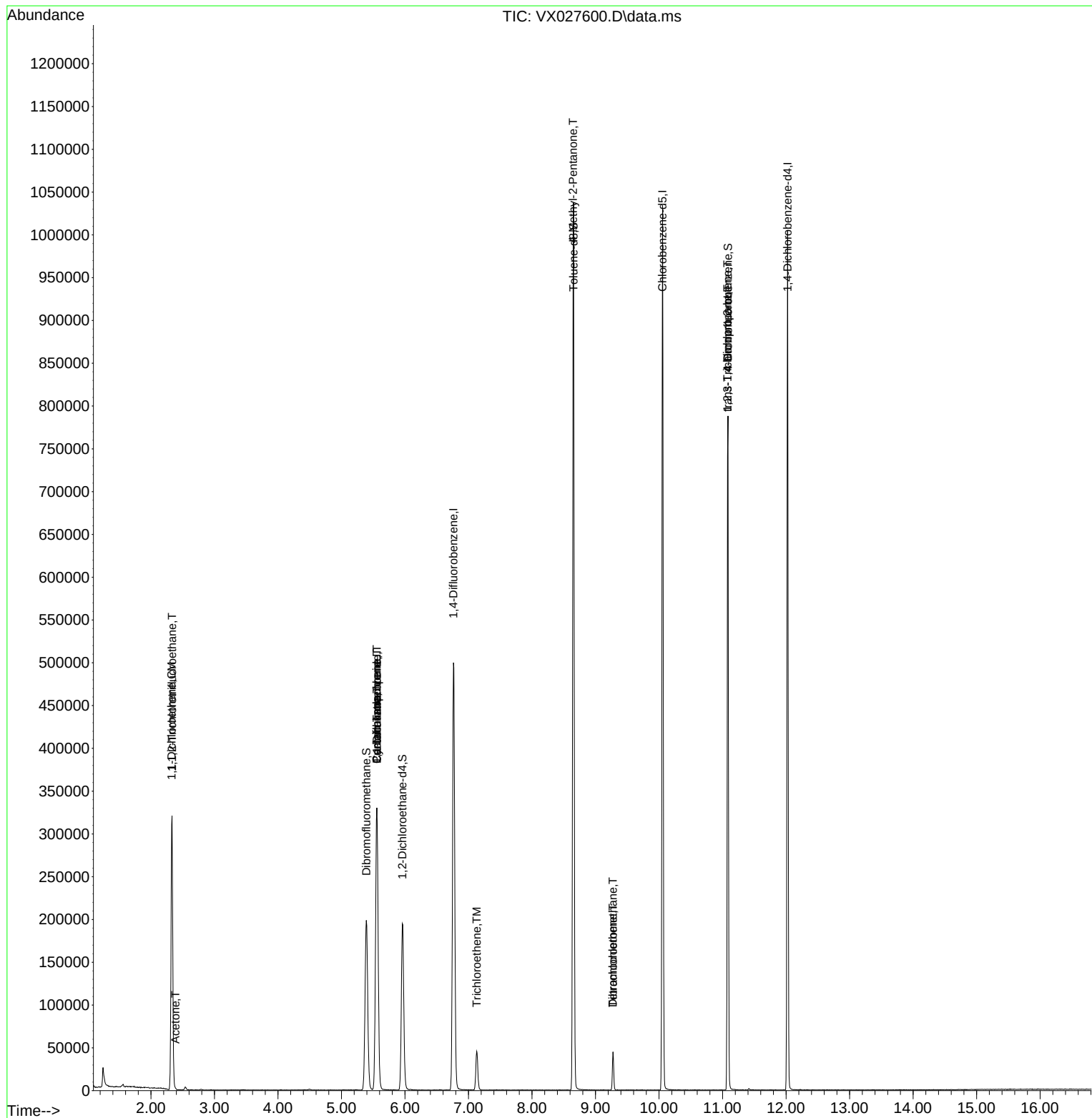
Internal Standards						
1) Pentafluorobenzene	5.556	168	332034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	548885	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	491283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	215511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	190902	46.672	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.340%
35) Dibromofluoromethane	5.391	113	180622	51.147	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.300%
50) Toluene-d8	8.653	98	642426	48.074	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.140%
62) 4-Bromofluorobenzene	11.085	95	216979	44.175	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.360%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	523	Below Cal	#	63
9) 1,1,2-Trichlorotrifluo...	2.331	101	129283	40.232	ug/l	92
12) 1,1-Dichloroethene	2.325	96	753	0.244	ug/l #	74
16) Acetone	2.386	43	1241	0.744	ug/l	99
31) Cyclohexane	5.556	56	5329	1.049	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	22667	4.697	ug/l #	49
38) Carbon Tetrachloride	5.556	117	31773	5.755	ug/l #	16
44) Trichloroethene	7.129	130	19115	4.548	ug/l	91
51) 4-Methyl-2-Pentanone	8.647	43	2285	0.463	ug/l #	1
60) Dibromochloromethane	9.275	129	8241	1.982	ug/l #	9
64) Tetrachloroethene	9.275	164	8614	2.255	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	101957	22.618	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	101957	68.692	ug/l #	15

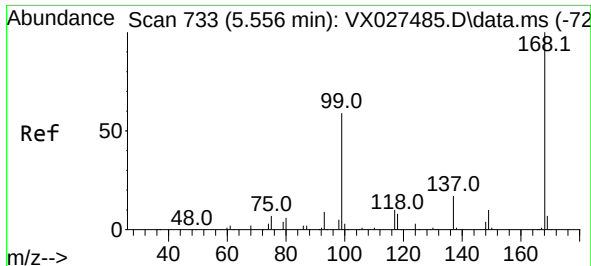
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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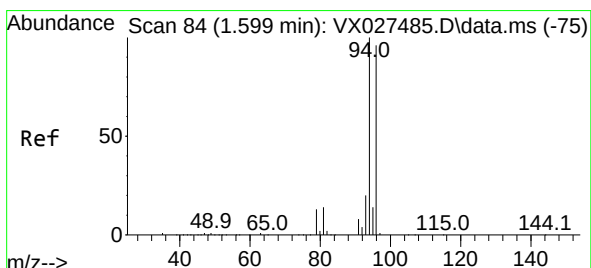
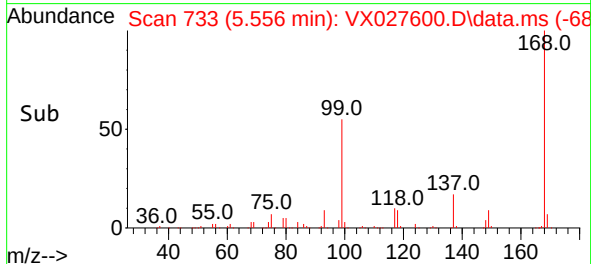
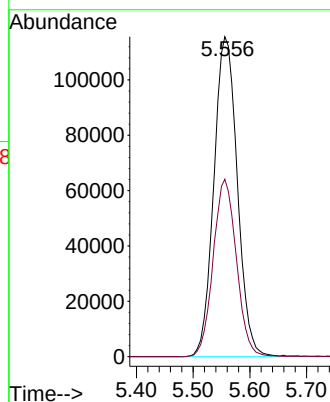
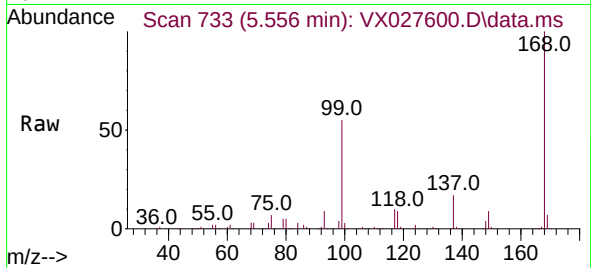




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027600.D
Acq: 21 Mar 2022 20:45

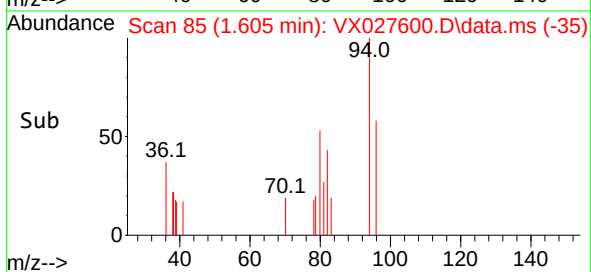
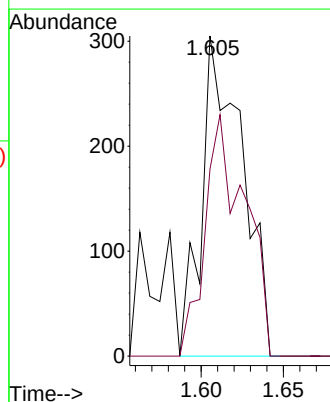
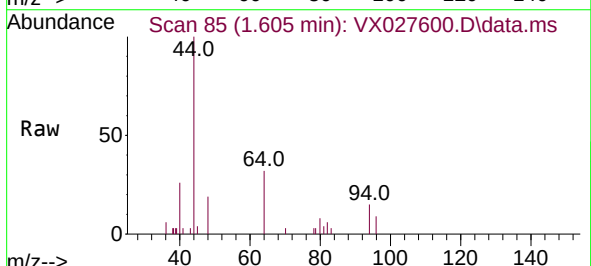
Instrument :
MSVOA_X
ClientSampleId :
RE-134D4-20220315DL

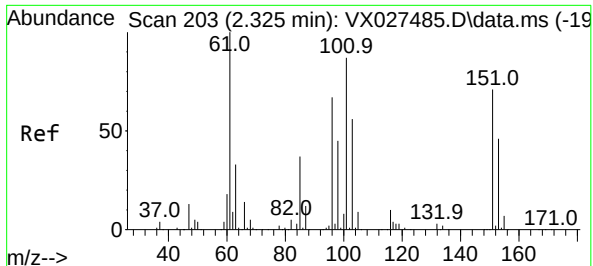
Tgt Ion:168 Resp: 332034
Ion Ratio Lower Upper
168 100
99 55.5 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX027600.D
Acq: 21 Mar 2022 20:45

Tgt Ion: 94 Resp: 523
Ion Ratio Lower Upper
94 100
96 58.4 75.3 112.9#

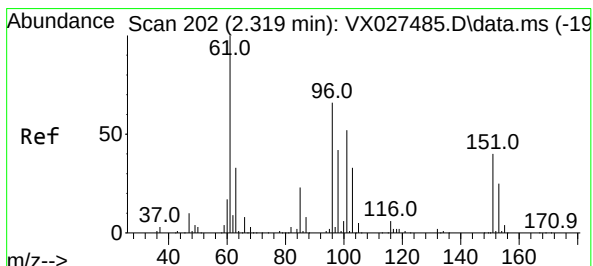
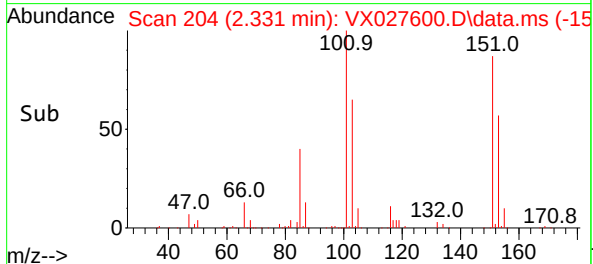
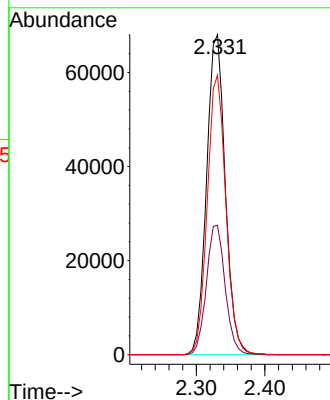
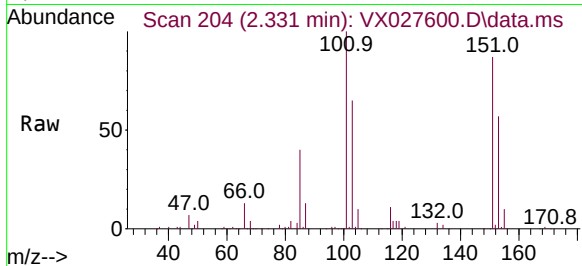




#9
1,1,2-Trichlorotrifluoroethane
Concen: 40.232 ug/l
RT: 2.331 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX027600.D
Acq: 21 Mar 2022 20:45

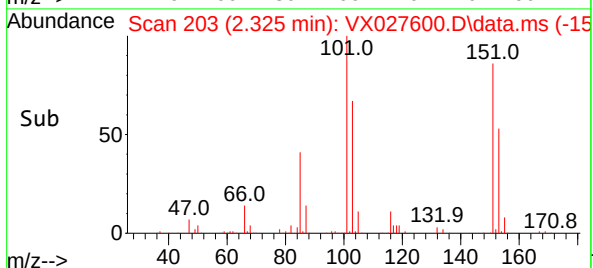
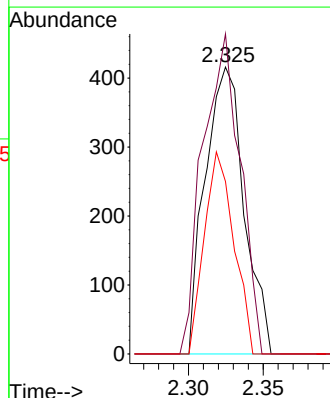
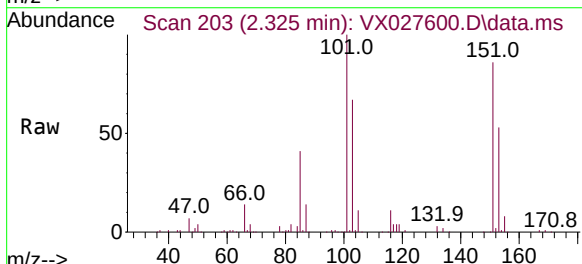
Instrument :
MSVOA_X
ClientSampleId :
RE-134D4-20220315DL

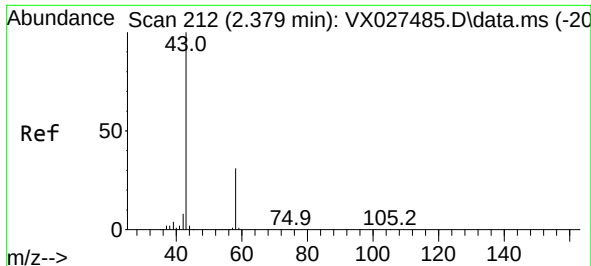
Tgt Ion:101 Resp: 129283
Ion Ratio Lower Upper
101 100
85 40.7 33.5 50.3
151 86.8 61.8 92.6



#12
1,1-Dichloroethene
Concen: 0.244 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX027600.D
Acq: 21 Mar 2022 20:45

Tgt Ion: 96 Resp: 753
Ion Ratio Lower Upper
96 100
61 111.5 124.6 187.0#
98 60.1 51.0 76.4

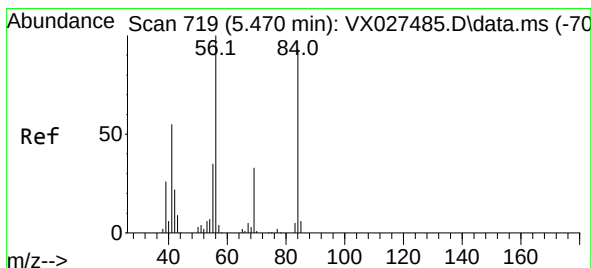
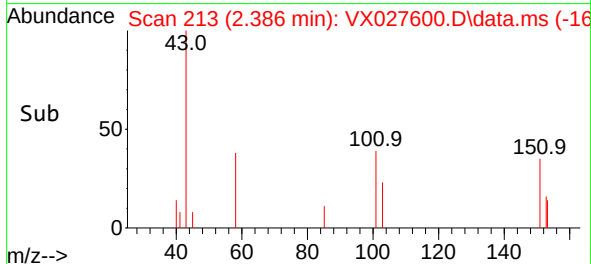
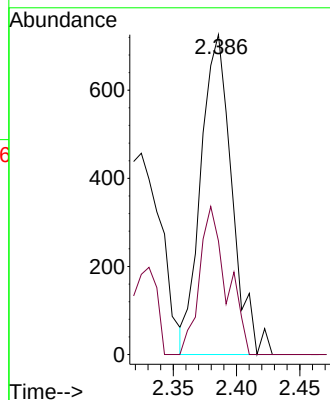
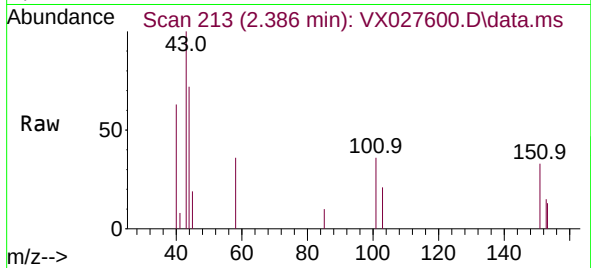




#16
Acetone
Concen: 0.744 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX027600.D
Acq: 21 Mar 2022 20:45

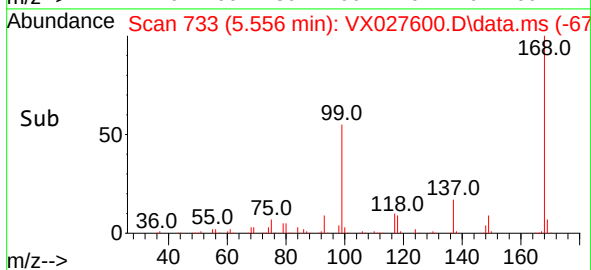
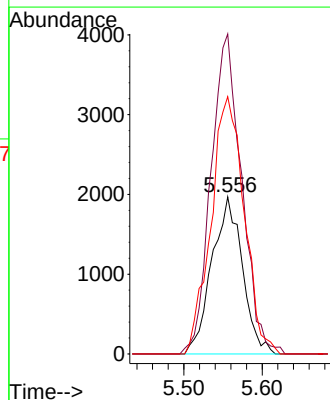
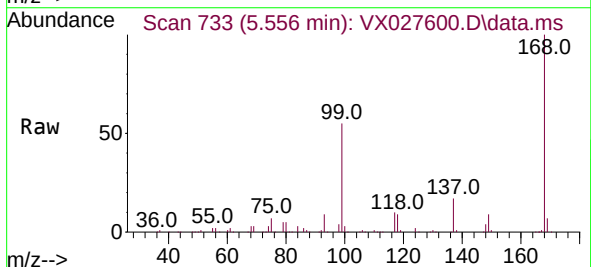
Instrument :
MSVOA_X
ClientSampleId :
RE-134D4-20220315DL

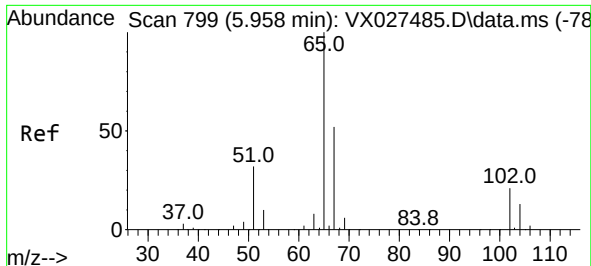
Tgt Ion: 43 Resp: 1241
Ion Ratio Lower Upper
43 100
58 35.5 28.8 43.2



#31
Cyclohexane
Concen: 1.049 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX027600.D
Acq: 21 Mar 2022 20:45

Tgt Ion: 56 Resp: 5329
Ion Ratio Lower Upper
56 100
69 203.7 26.7 40.1#
84 163.7 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 46.672 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027600.D

Acq: 21 Mar 2022 20:45

Instrument :

MSVOA_X

ClientSampleId :

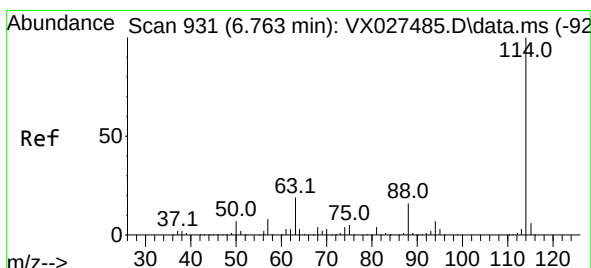
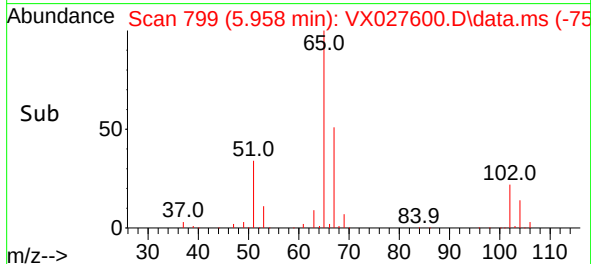
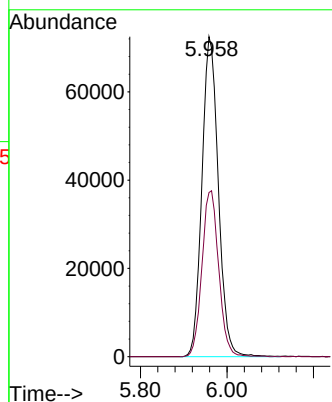
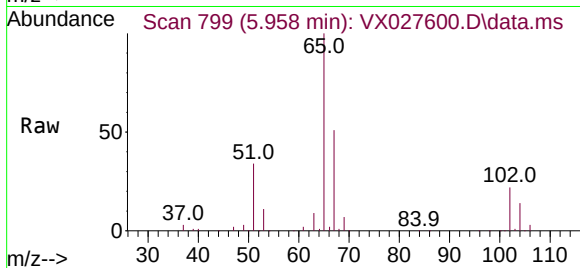
RE-134D4-20220315DL

Tgt Ion: 65 Resp: 190902

Ion Ratio Lower Upper

65 100

67 52.8 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: VX027600.D

Acq: 21 Mar 2022 20:45

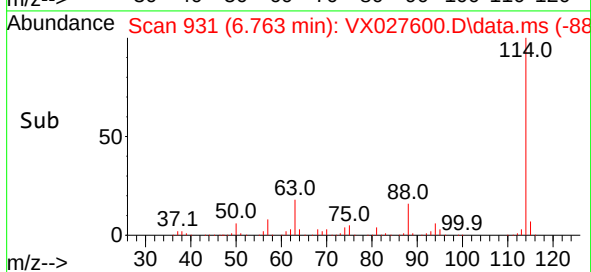
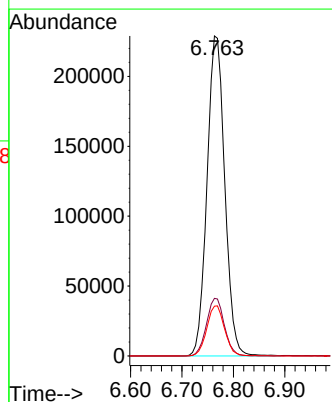
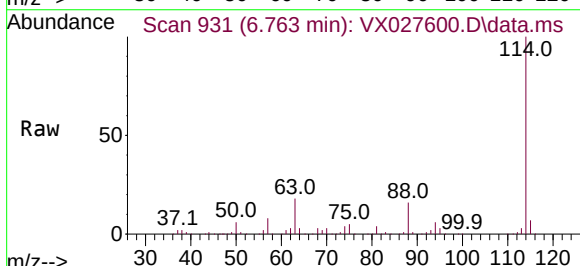
Tgt Ion: 114 Resp: 548885

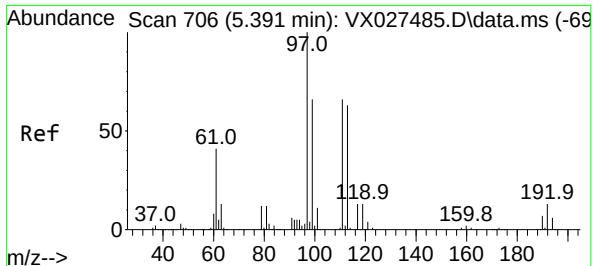
Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.8

88 15.6 0.0 32.4





#35

Dibromofluoromethane

Concen: 51.147 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027600.D

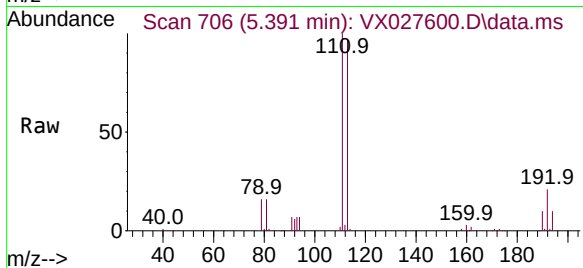
Acq: 21 Mar 2022 20:45

Instrument :

MSVOA_X

ClientSampleId :

RE-134D4-20220315DL



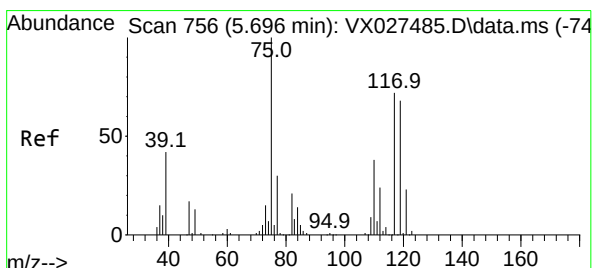
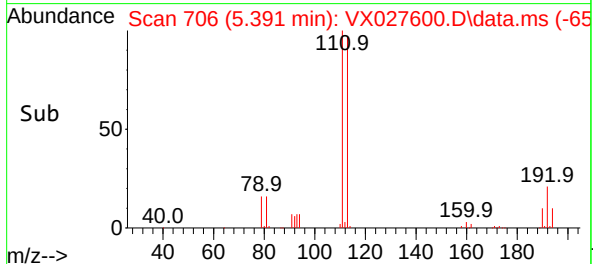
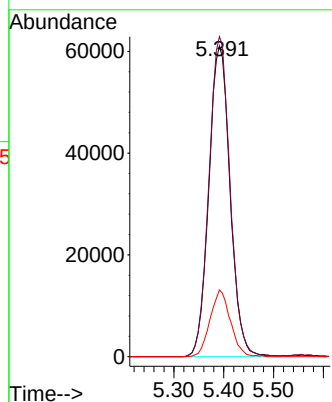
Tgt Ion:113 Resp: 180622

Ion Ratio Lower Upper

113 100

111 102.5 82.8 124.2

192 20.6 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.697 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX027600.D

Acq: 21 Mar 2022 20:45

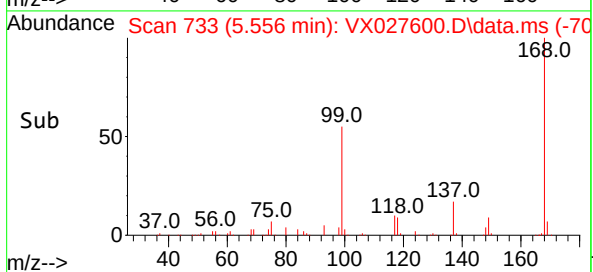
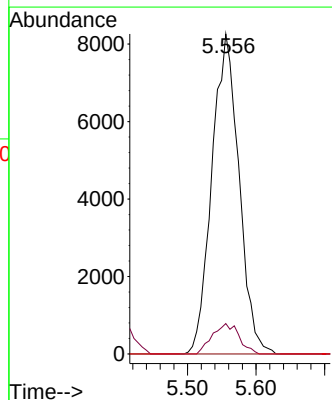
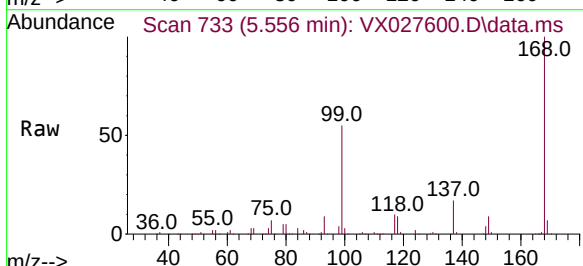
Tgt Ion: 75 Resp: 22667

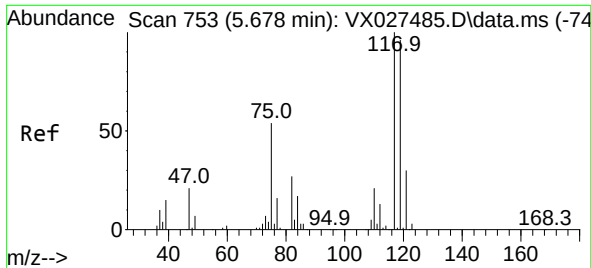
Ion Ratio Lower Upper

75 100

110 9.4 18.3 54.8#

77 0.0 24.8 37.2#

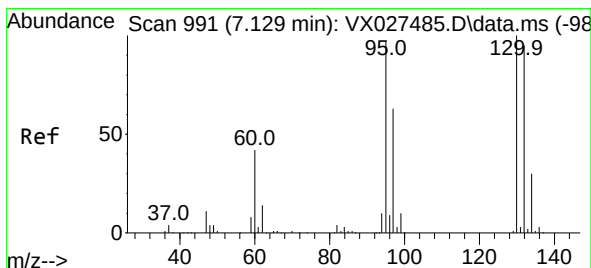
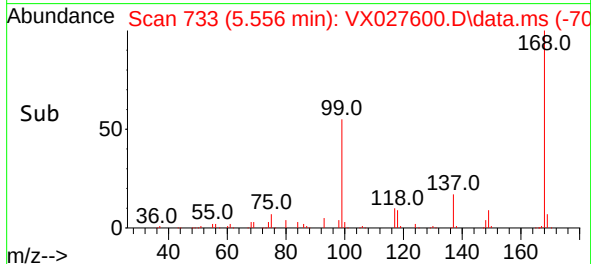
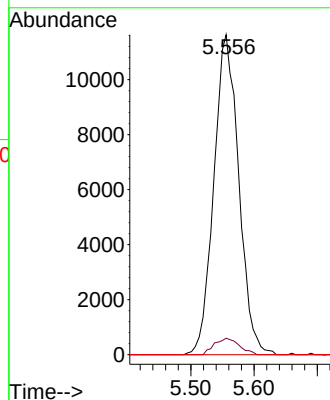
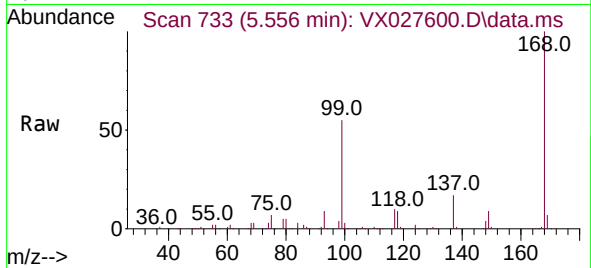




#38
Carbon Tetrachloride
Concen: 5.755 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX027600.D
Acq: 21 Mar 2022 20:45

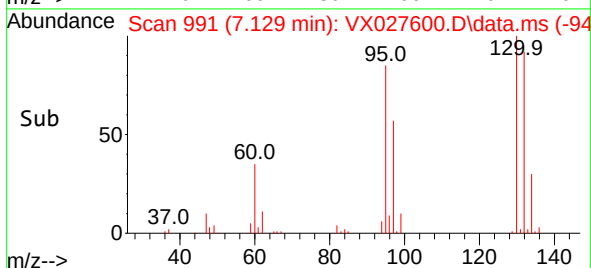
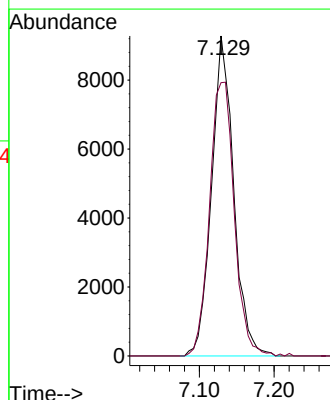
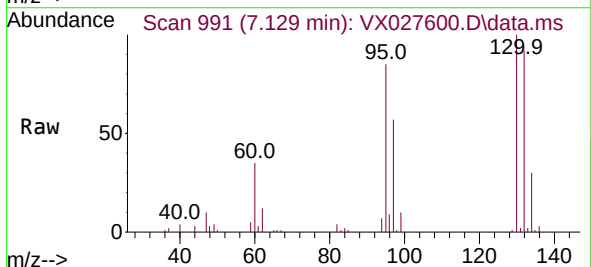
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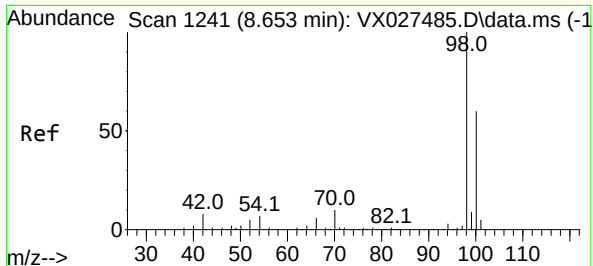
Tgt Ion:117 Resp: 31773
Ion Ratio Lower Upper
117 100
119 5.2 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 4.548 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX027600.D
Acq: 21 Mar 2022 20:45

Tgt Ion:130 Resp: 19115
Ion Ratio Lower Upper
130 100
95 85.4 0.0 188.8

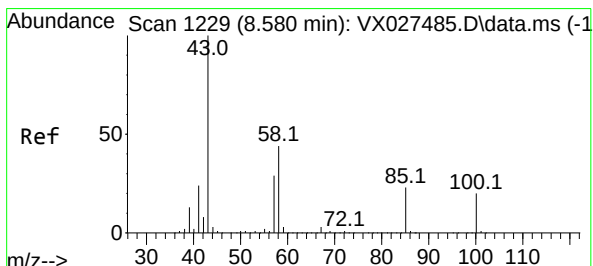
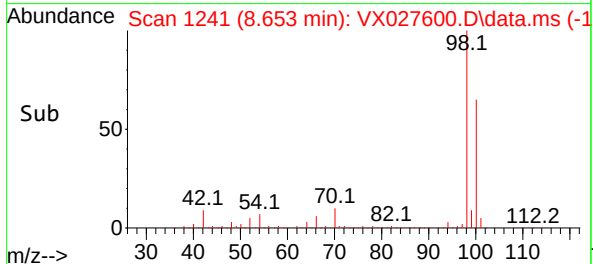
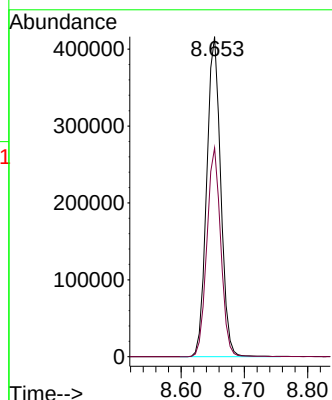
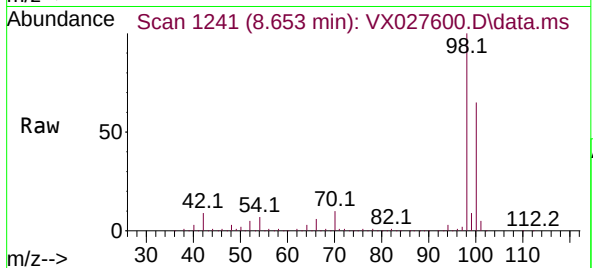




#50
Toluene-d8
Concen: 48.074 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027600.D
Acq: 21 Mar 2022 20:45

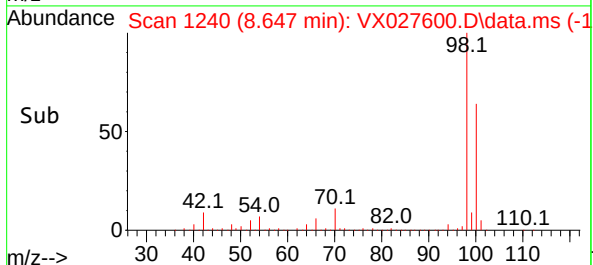
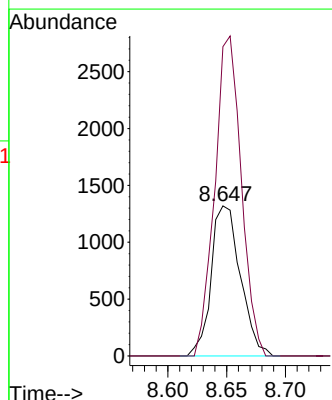
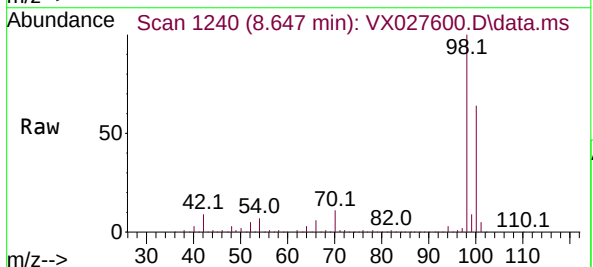
Instrument :
MSVOA_X
ClientSampleId :
RE-134D4-20220315DL

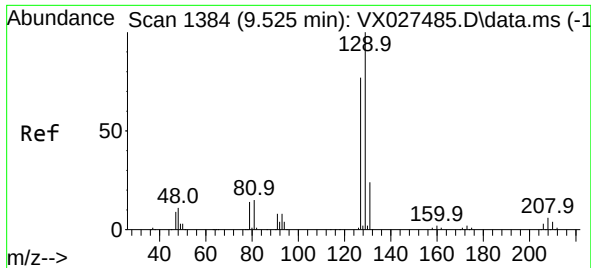
Tgt Ion: 98 Resp: 642426
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.463 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX027600.D
Acq: 21 Mar 2022 20:45

Tgt Ion: 43 Resp: 2285
Ion Ratio Lower Upper
43 100
58 193.8 36.1 54.1#

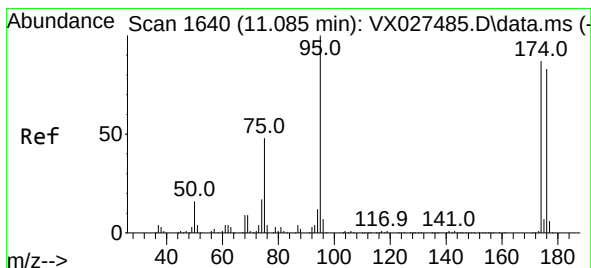
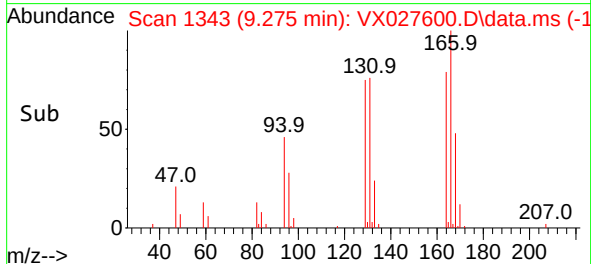
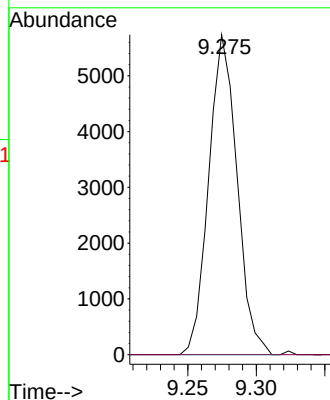
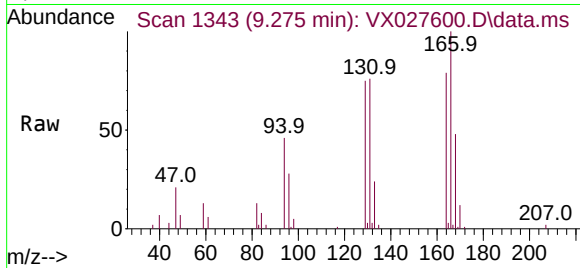




#60
Dibromochloromethane
Concen: 1.982 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX027600.D
Acq: 21 Mar 2022 20:45

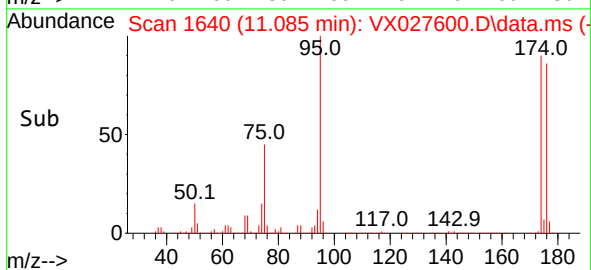
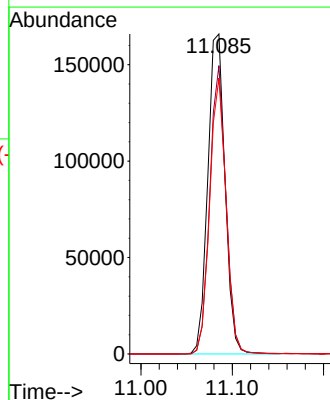
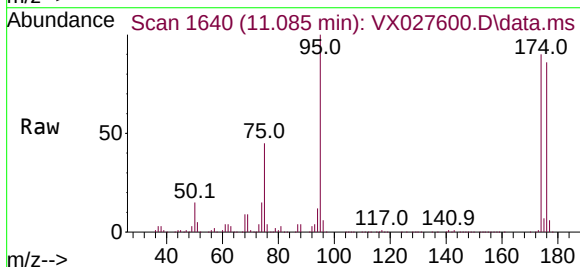
Instrument :
MSVOA_X
ClientSampleId :
RE-134D4-20220315DL

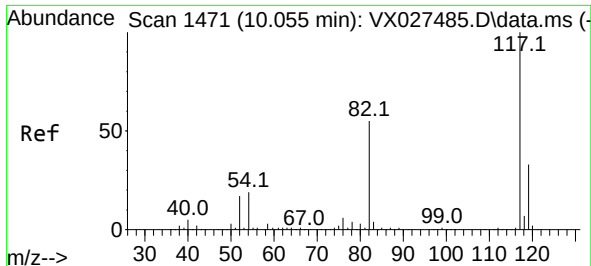
Tgt Ion:129 Resp: 8241
Ion Ratio Lower Upper
129 100
127 0.0 40.3 120.8#



#62
4-Bromofluorobenzene
Concen: 44.175 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027600.D
Acq: 21 Mar 2022 20:45

Tgt Ion: 95 Resp: 216979
Ion Ratio Lower Upper
95 100
174 84.8 0.0 163.0
176 82.0 0.0 155.0

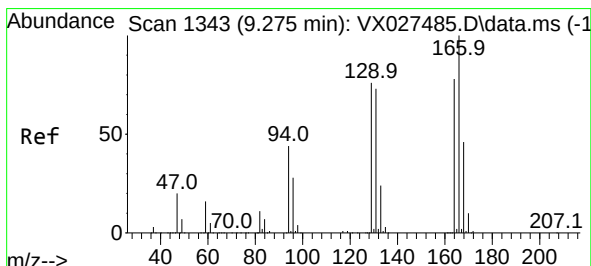
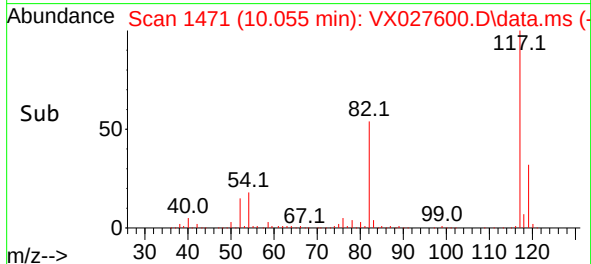
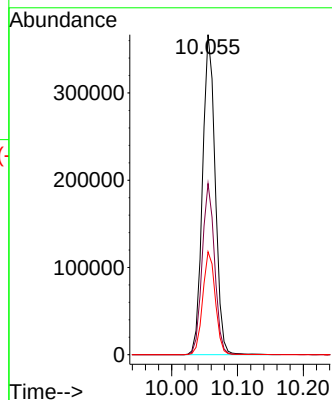
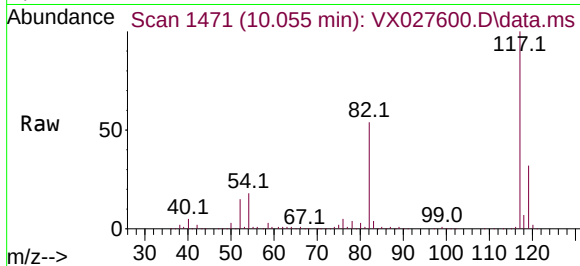




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027600.D
Acq: 21 Mar 2022 20:45

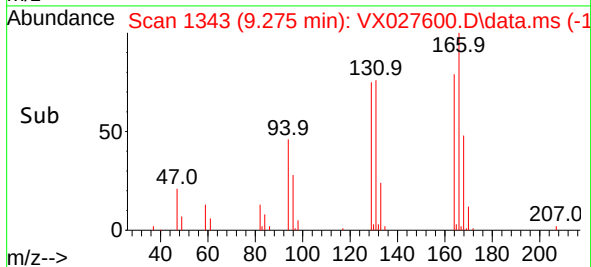
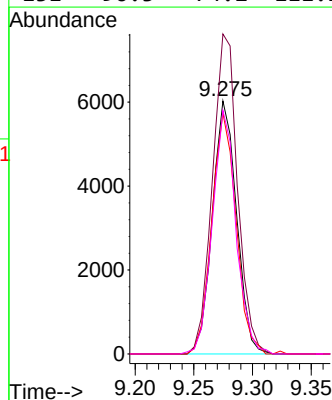
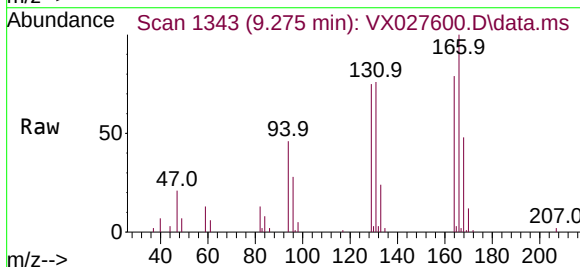
Instrument :
MSVOA_X
ClientSampleId :
RE-134D4-20220315DL

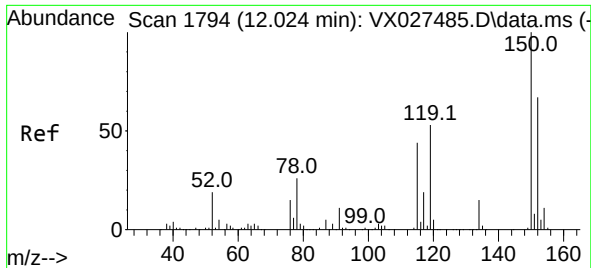
Tgt Ion:117 Resp: 491283
Ion Ratio Lower Upper
117 100
82 53.5 41.8 62.8
119 32.2 24.8 37.2



#64
Tetrachloroethene
Concen: 2.255 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX027600.D
Acq: 21 Mar 2022 20:45

Tgt Ion:164 Resp: 8614
Ion Ratio Lower Upper
164 100
166 126.5 101.2 151.8
129 95.2 73.0 109.4
131 96.3 74.2 111.2

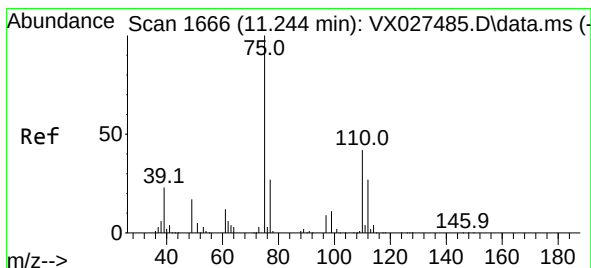
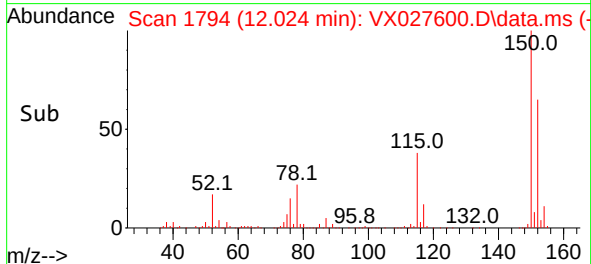
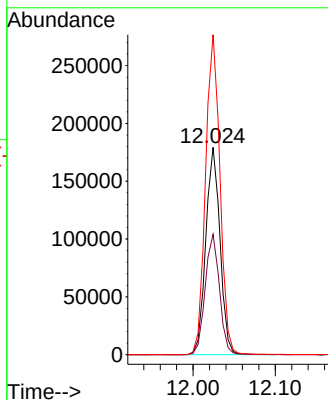
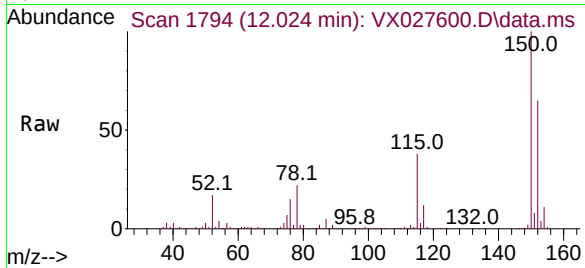




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027600.D
Acq: 21 Mar 2022 20:45

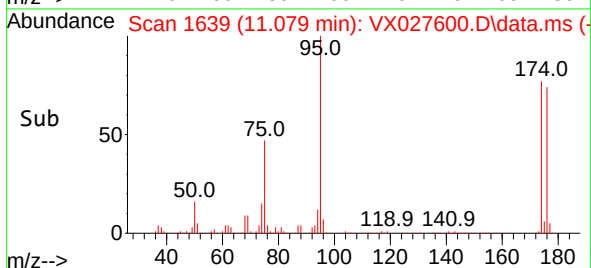
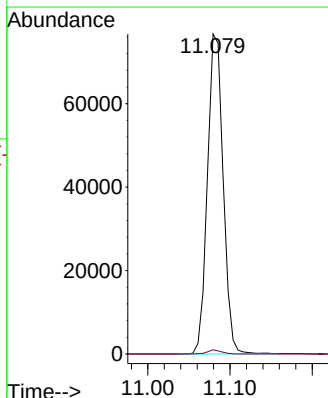
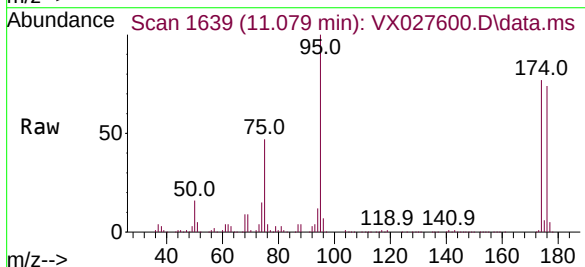
Instrument :
MSVOA_X
ClientSampleId :
RE-134D4-20220315DL

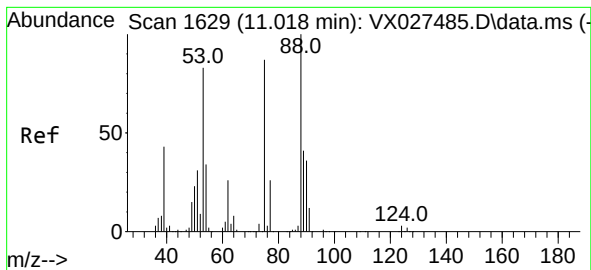
Tgt Ion:152 Resp: 215511
Ion Ratio Lower Upper
152 100
115 58.4 37.5 112.7
150 156.3 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 22.618 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027600.D
Acq: 21 Mar 2022 20:45

Tgt Ion: 75 Resp: 101957
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.692 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX027600.D
 Acq: 21 Mar 2022 20:45

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-134D4-20220315DL

Tgt Ion: 75 Resp: 101957
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

