

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031922\
 Data File : VX027563.D
 Acq On : 19 Mar 2022 16:21
 Operator : JC/MD
 Sample : N2000-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-134D4-20220315

Quant Time: Mar 21 01:23:32 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)

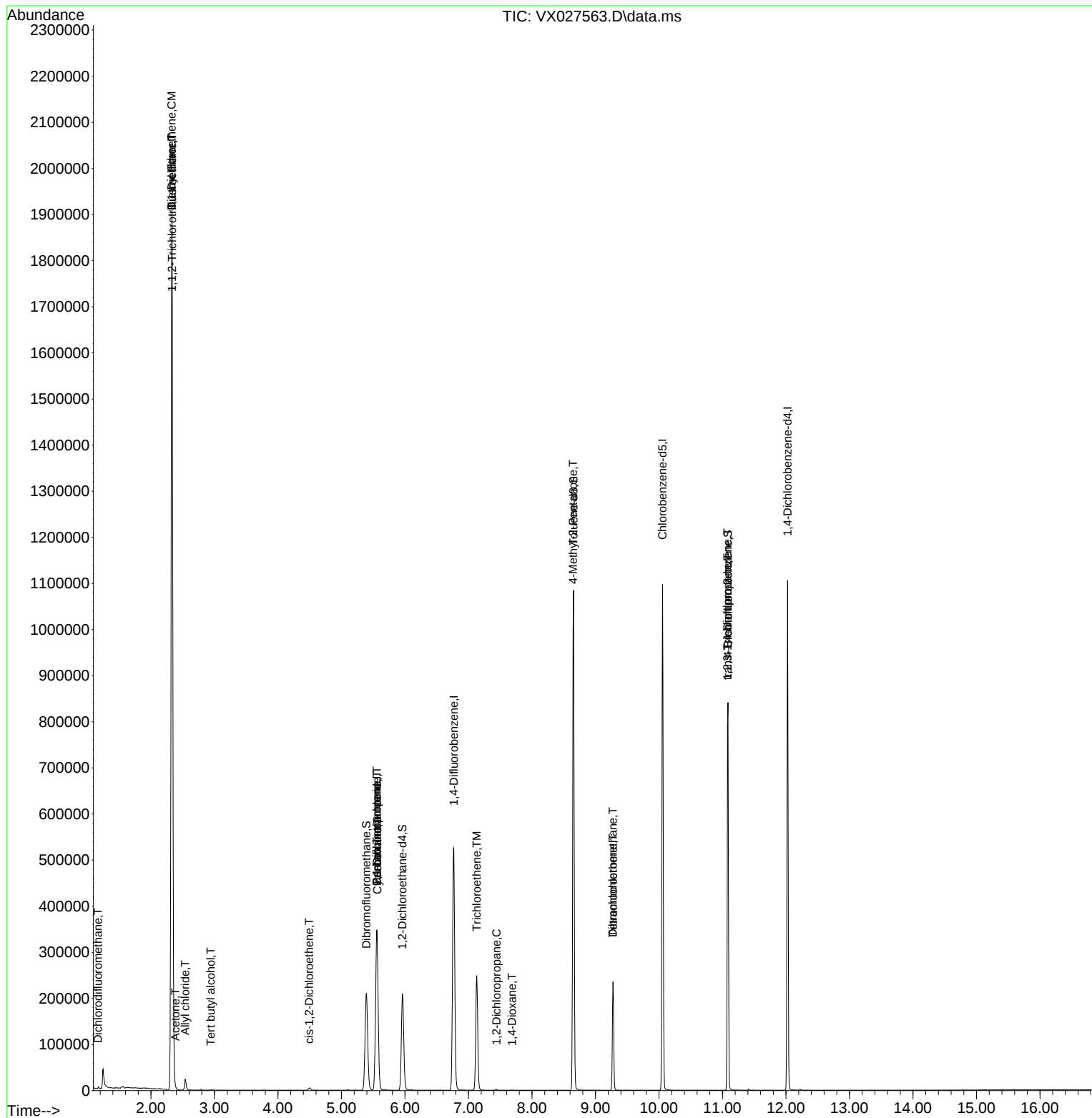
Internal Standards						
1) Pentafluorobenzene	5.556	168	339951	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	568181	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	509942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	230274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	203291	48.543	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.080%		
35) Dibromofluoromethane	5.391	113	187086	51.178	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.360%		
50) Toluene-d8	8.653	98	668856	48.352	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.700%		
62) 4-Bromofluorobenzene	11.086	95	233562	45.937	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.880%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	734	0.225	ug/l	81
5) Bromomethane	1.612	94	589	Below Cal		85
8) Diethyl Ether	2.325	74	590	0.287	ug/l #	7
9) 1,1,2-Trichlorotrifluo...	2.331	101	768332	233.534	ug/l	94
11) Tert butyl alcohol	2.941	59	314	0.393	ug/l #	72
12) 1,1-Dichloroethene	2.325	96	4728	1.498	ug/l #	68
14) Allyl chloride	2.538	41	2628	0.532	ug/l #	65
16) Acetone	2.386	43	3537	2.072	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	3526	0.903	ug/l	86
31) Cyclohexane	5.562	56	5783	1.112	ug/l #	5
36) 1,1-Dichloropropene	5.556	75	24284	4.861	ug/l #	49
38) Carbon Tetrachloride	5.556	117	33974	5.945	ug/l #	15
44) Trichloroethene	7.129	130	102783	23.625	ug/l	99
45) 1,2-Dichloropropane	7.440	63	856	0.234	ug/l #	83
49) 1,4-Dioxane	7.684	88	428	4.203	ug/l #	33
51) 4-Methyl-2-Pentanone	8.647	43	2352	0.460	ug/l #	1
60) Dibromochloromethane	9.275	129	45186	10.497	ug/l #	9
64) Tetrachloroethene	9.275	164	46903	11.830	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	110827	23.010	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	110827	69.881	ug/l #	15

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031922\
Data File : VX027563.D
Acq On : 19 Mar 2022 16:21
Operator : JC/MD
Sample : N2000-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE-134D4-20220315

Quant Time: Mar 21 01:23:32 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

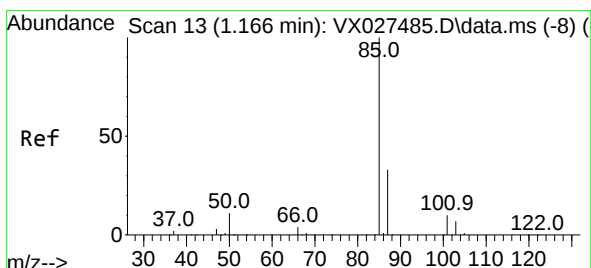
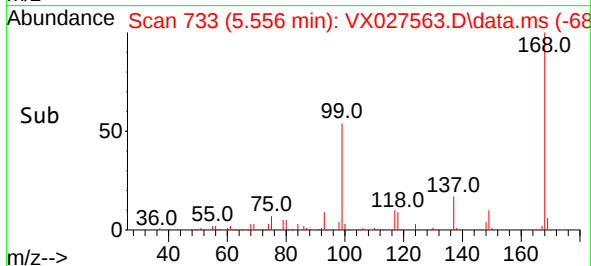
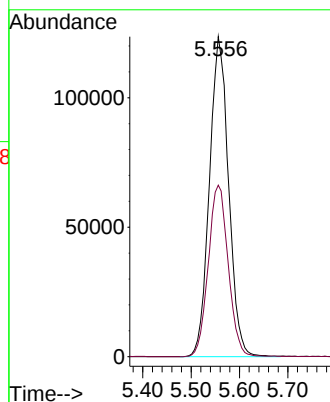
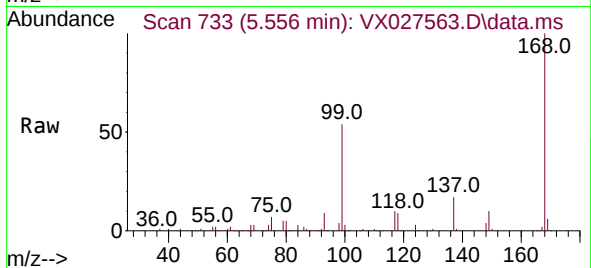




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX027563.D
Acq: 19 Mar 2022 16:21

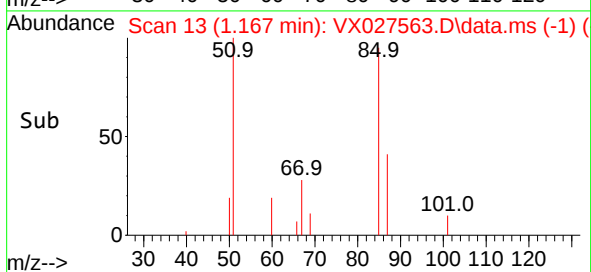
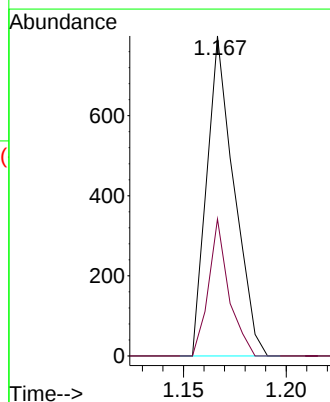
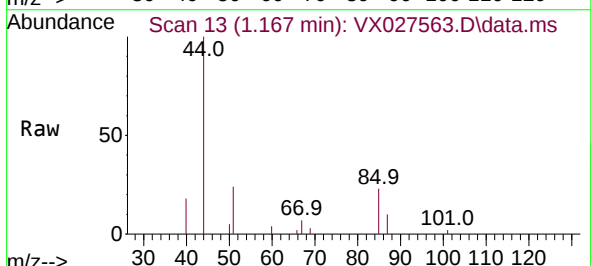
Instrument :
MSVOA_X
ClientSampleId :
RE-134D4-20220315

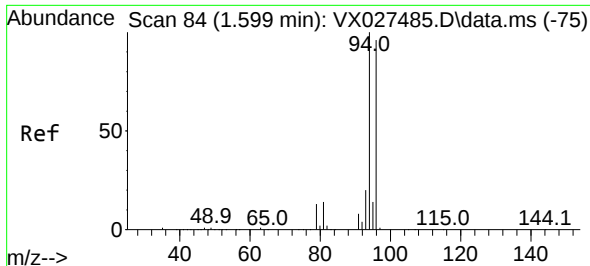
Tgt Ion:168 Resp: 339951
Ion Ratio Lower Upper
168 100
99 53.6 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 0.225 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX027563.D
Acq: 19 Mar 2022 16:21

Tgt Ion: 85 Resp: 734
Ion Ratio Lower Upper
85 100
87 42.8 16.2 48.6

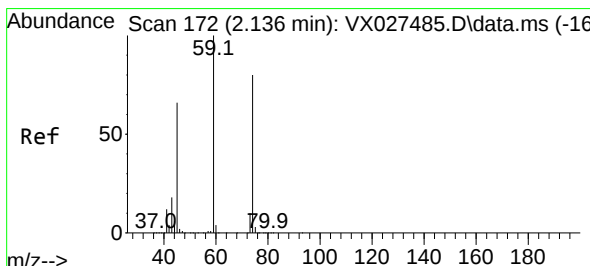
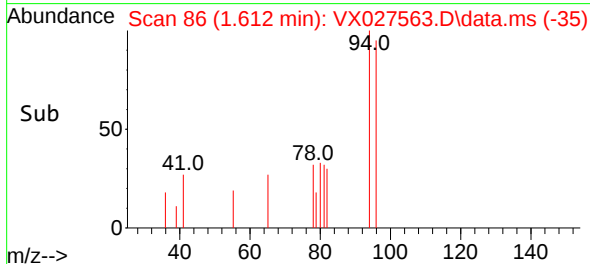
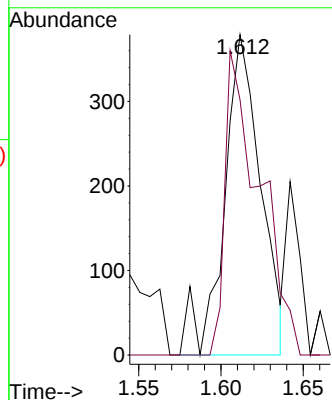
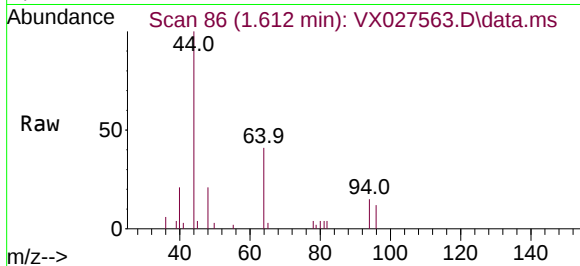




#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 80
Delta R.T. 0.013 min
Lab File: VX027563.D
Acq: 19 Mar 2022 16:21

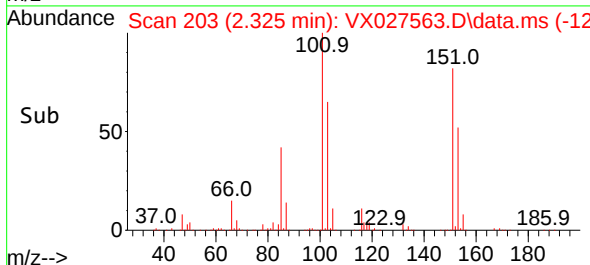
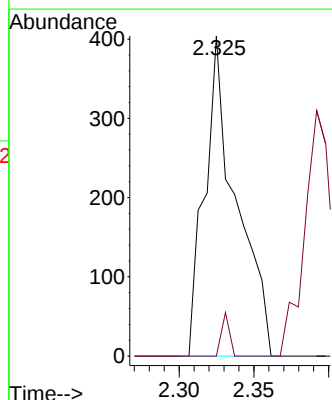
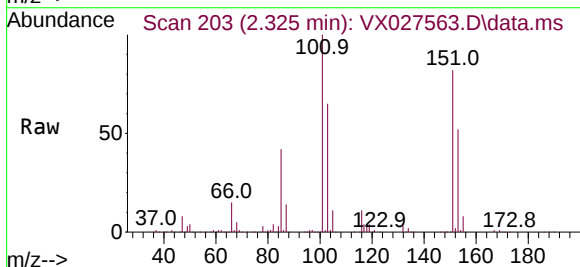
Instrument :
MSVOA_X
ClientSampleId :
RE-134D4-20220315

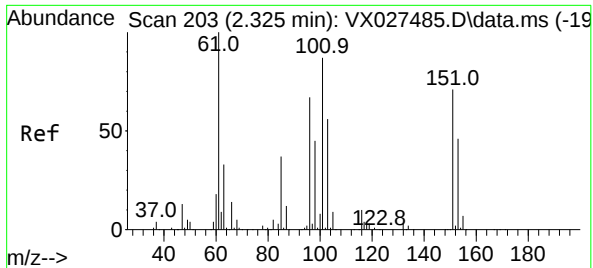
Tgt Ion: 94 Resp: 589
Ion Ratio Lower Upper
94 100
96 79.7 75.3 112.9



#8
Diethyl Ether
Concen: 0.287 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.189 min
Lab File: VX027563.D
Acq: 19 Mar 2022 16:21

Tgt Ion: 74 Resp: 590
Ion Ratio Lower Upper
74 100
45 0.0 42.0 126.0#

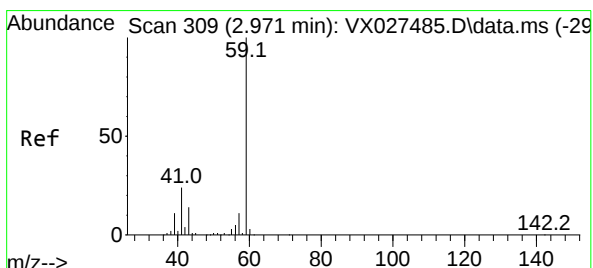
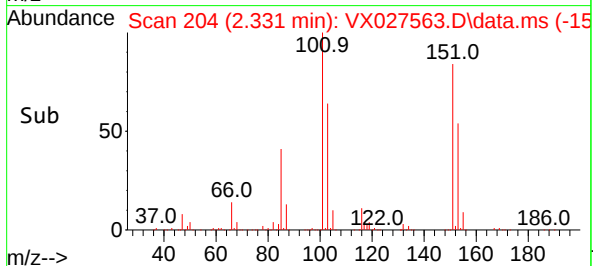
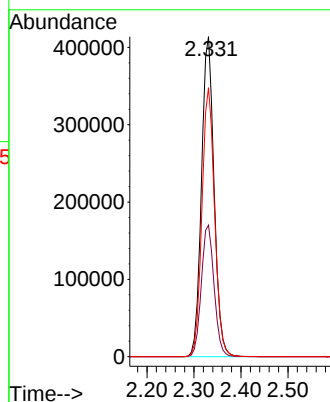
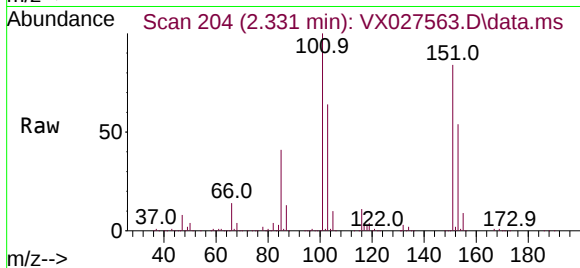




#9
1,1,2-Trichlorotrifluoroethane
Concen: 233.534 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX027563.D
Acq: 19 Mar 2022 16:21

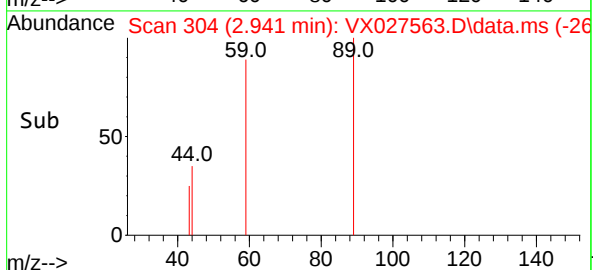
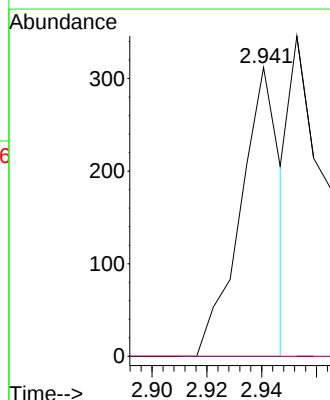
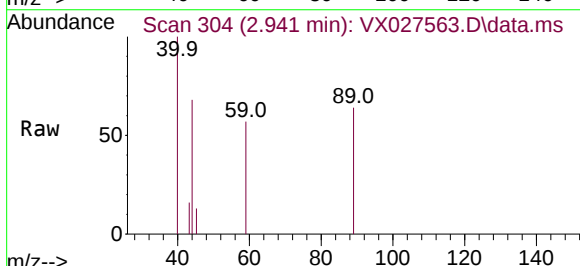
Instrument :
MSVOA_X
ClientSampleId :
RE-134D4-20220315

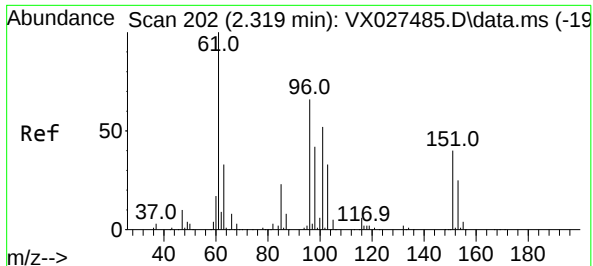
Tgt Ion:101 Resp: 768332
Ion Ratio Lower Upper
101 100
85 41.8 33.5 50.3
151 84.5 61.8 92.6



#11
Tert butyl alcohol
Concen: 0.393 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.030 min
Lab File: VX027563.D
Acq: 19 Mar 2022 16:21

Tgt Ion: 59 Resp: 314
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#12

1,1-Dichloroethene

Concen: 1.498 ug/l

RT: 2.325 min Scan# 202

Delta R.T. 0.006 min

Lab File: VX027563.D

Acq: 19 Mar 2022 16:21

Instrument :

MSVOA_X

ClientSampleId :

RE-134D4-20220315

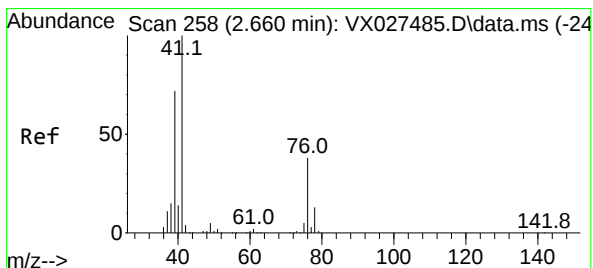
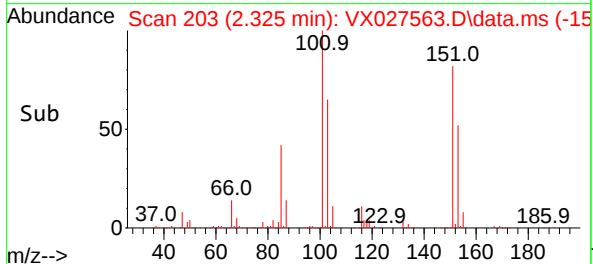
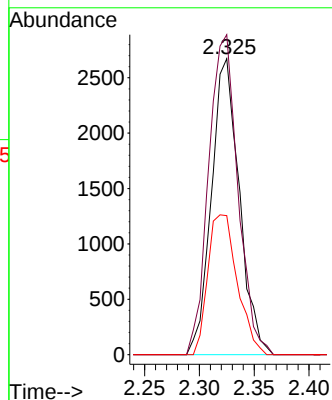
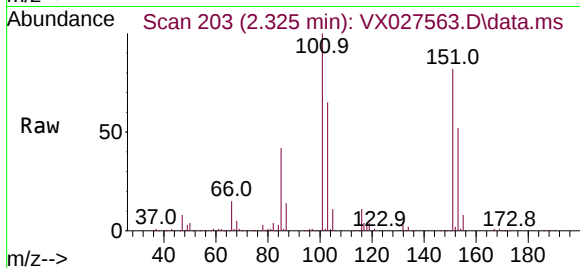
Tgt Ion: 96 Resp: 4728

Ion Ratio Lower Upper

96 100

61 108.1 124.6 187.0#

98 47.0 51.0 76.4#



#14

Allyl chloride

Concen: 0.532 ug/l

RT: 2.538 min Scan# 238

Delta R.T. -0.122 min

Lab File: VX027563.D

Acq: 19 Mar 2022 16:21

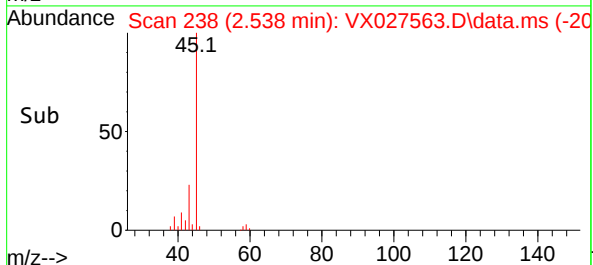
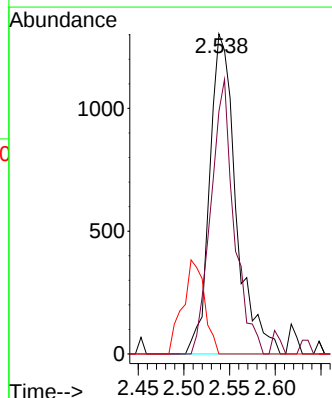
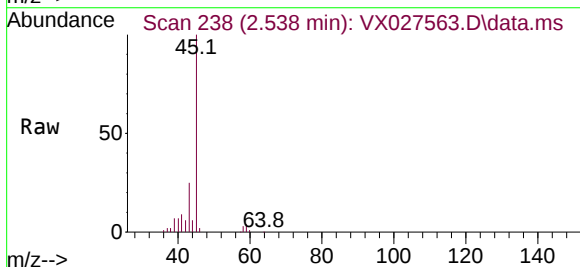
Tgt Ion: 41 Resp: 2628

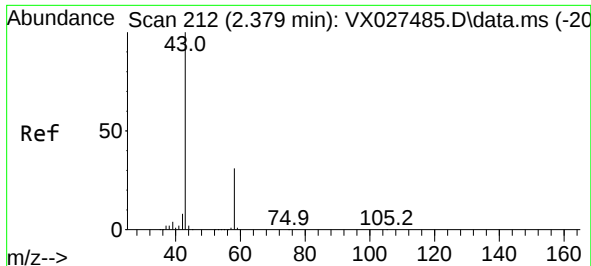
Ion Ratio Lower Upper

41 100

39 75.1 50.4 75.6

76 0.0 32.7 49.1#

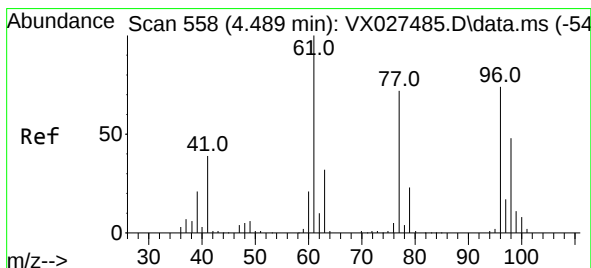
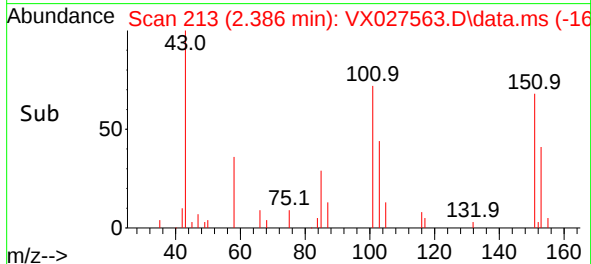
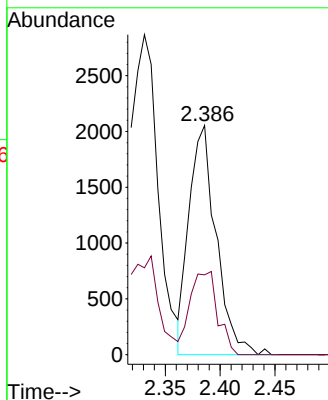
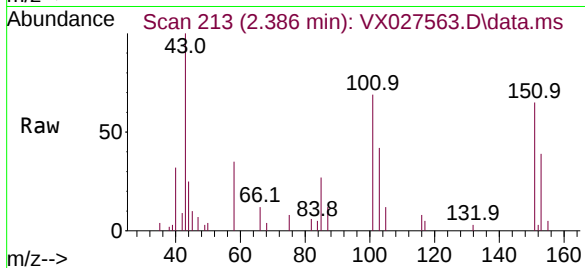




#16
Acetone
Concen: 2.072 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027563.D
Acq: 19 Mar 2022 16:21

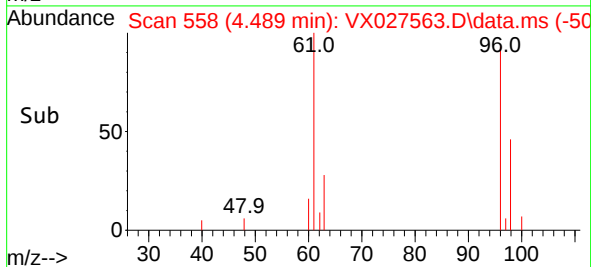
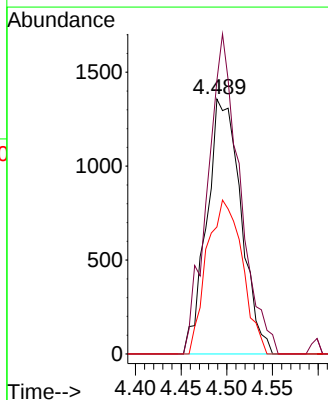
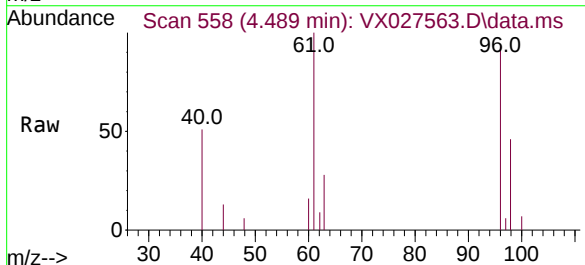
Instrument :
MSVOA_X
ClientSampleId :
RE-134D4-20220315

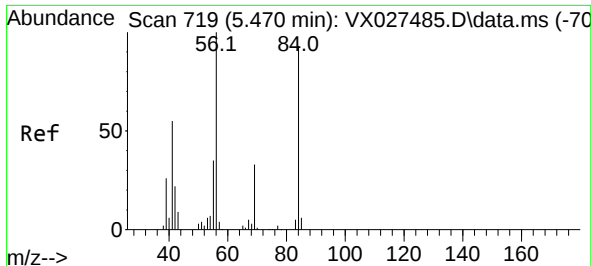
Tgt Ion: 43 Resp: 3537
Ion Ratio Lower Upper
43 100
58 34.9 28.8 43.2



#27
cis-1,2-Dichloroethene
Concen: 0.903 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX027563.D
Acq: 19 Mar 2022 16:21

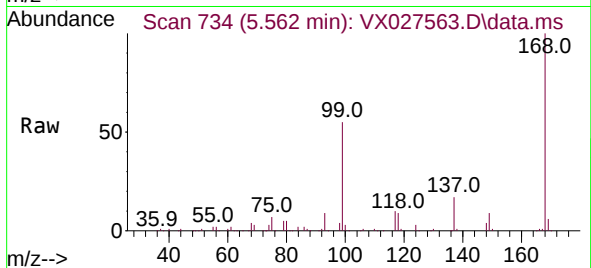
Tgt Ion: 96 Resp: 3526
Ion Ratio Lower Upper
96 100
61 118.7 0.0 283.8
98 62.8 0.0 129.8





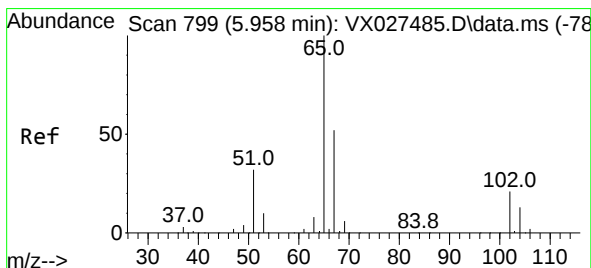
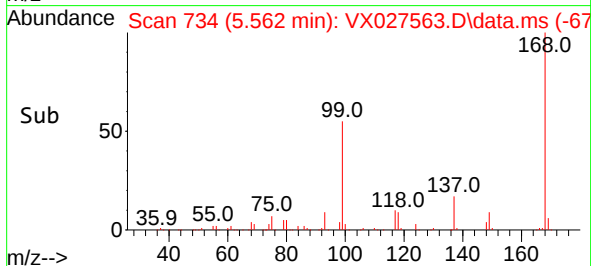
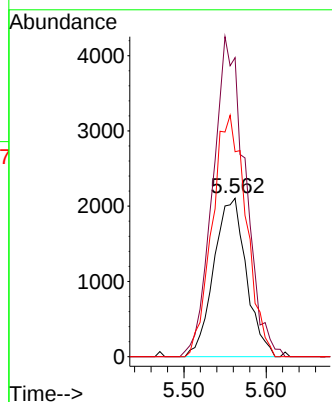
#31
Cyclohexane
Concen: 1.112 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.092 min
Lab File: VX027563.D
Acq: 19 Mar 2022 16:21

Instrument :
MSVOA_X
ClientSampleId :
RE-134D4-20220315



Tgt Ion: 56 Resp: 5783

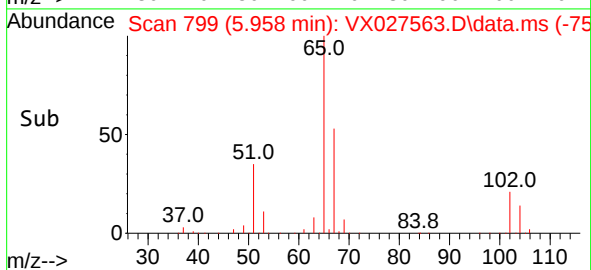
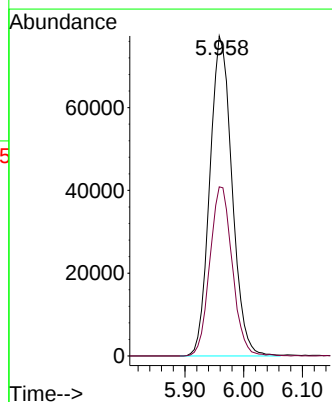
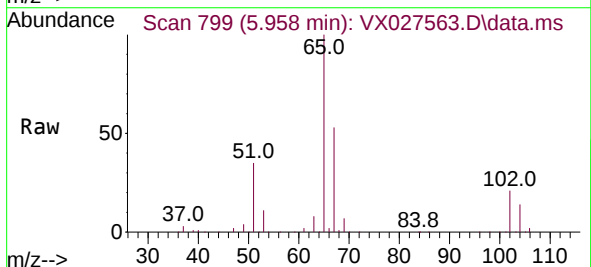
Ion	Ratio	Lower	Upper
56	100		
69	188.8	26.7	40.1#
84	129.5	77.2	115.8#

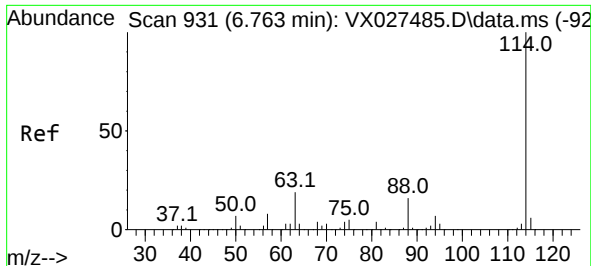


#33
1,2-Dichloroethane-d4
Concen: 48.543 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027563.D
Acq: 19 Mar 2022 16:21

Tgt Ion: 65 Resp: 203291

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	107.4

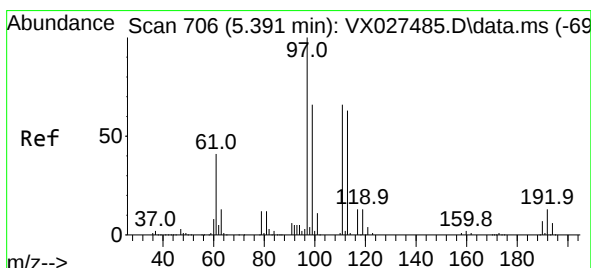
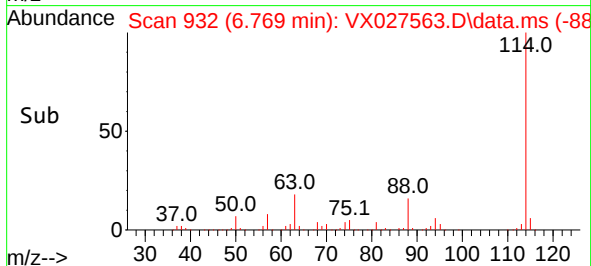
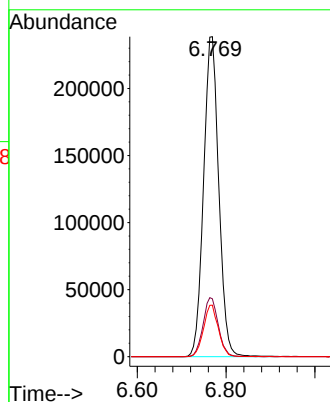
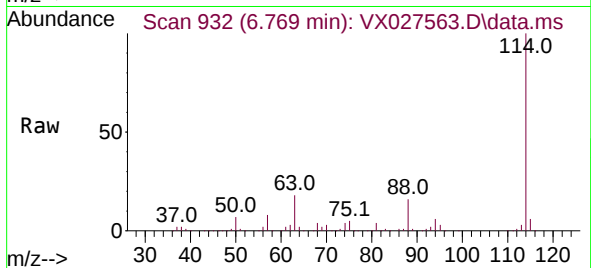




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX027563.D
Acq: 19 Mar 2022 16:21

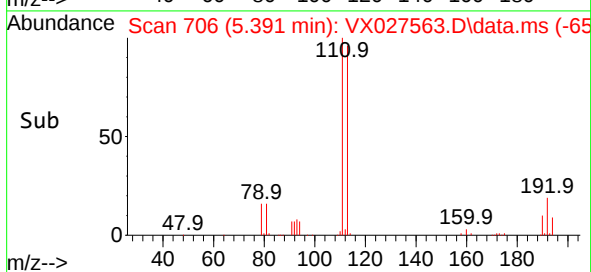
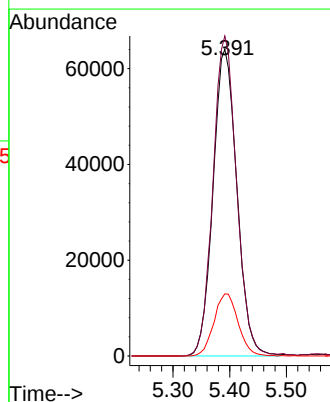
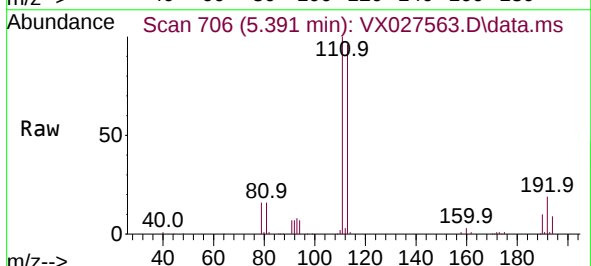
Instrument :
MSVOA_X
ClientSampleId :
RE-134D4-20220315

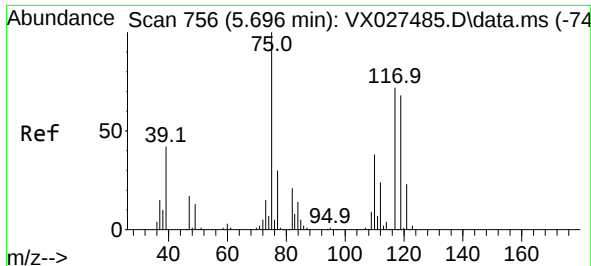
Tgt Ion:114 Resp: 568181
Ion Ratio Lower Upper
114 100
63 18.1 0.0 36.8
88 16.1 0.0 32.4



#35
Dibromofluoromethane
Concen: 51.178 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027563.D
Acq: 19 Mar 2022 16:21

Tgt Ion:113 Resp: 187086
Ion Ratio Lower Upper
113 100
111 103.1 82.8 124.2
192 20.5 16.9 25.3

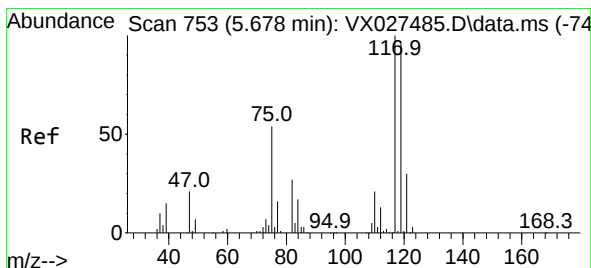
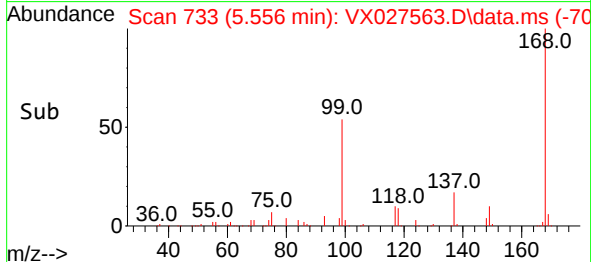
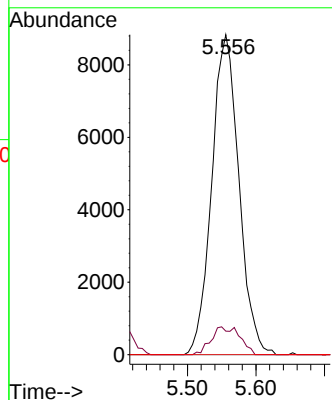
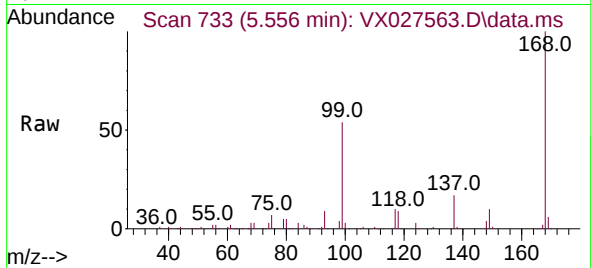




#36
1,1-Dichloropropene
Concen: 4.861 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX027563.D
Acq: 19 Mar 2022 16:21

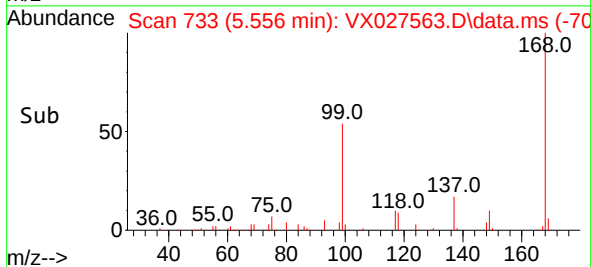
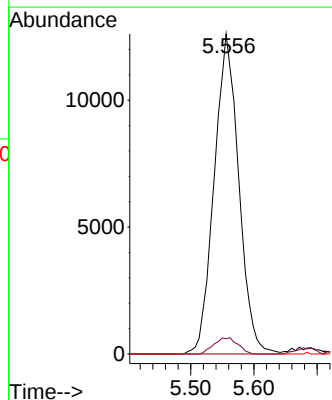
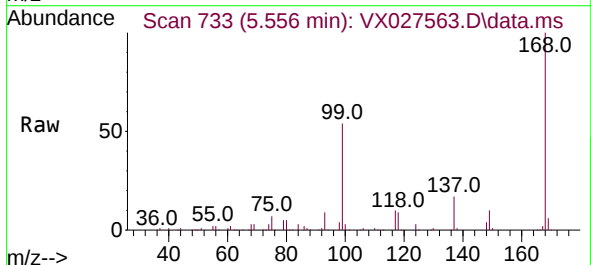
Instrument :
MSVOA_X
ClientSampleId :
RE-134D4-20220315

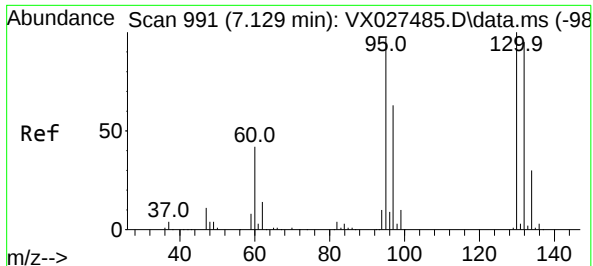
Tgt Ion: 75 Resp: 24284
Ion Ratio Lower Upper
75 100
110 9.2 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.945 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX027563.D
Acq: 19 Mar 2022 16:21

Tgt Ion: 117 Resp: 33974
Ion Ratio Lower Upper
117 100
119 4.7 77.3 115.9#
121 0.0 24.2 36.2#

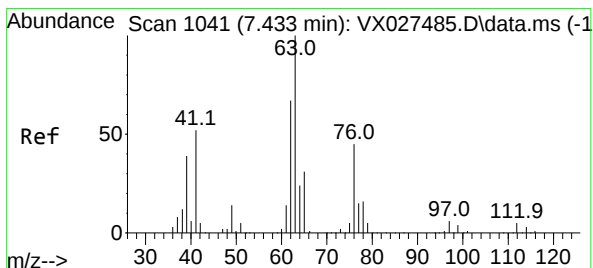
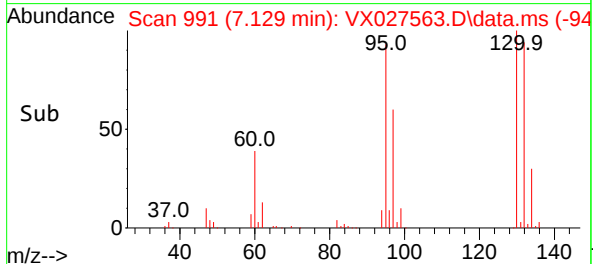
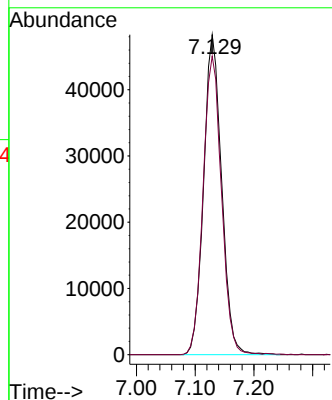
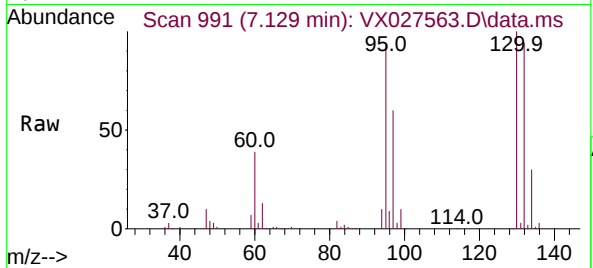




#44
Trichloroethene
Concen: 23.625 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX027563.D
Acq: 19 Mar 2022 16:21

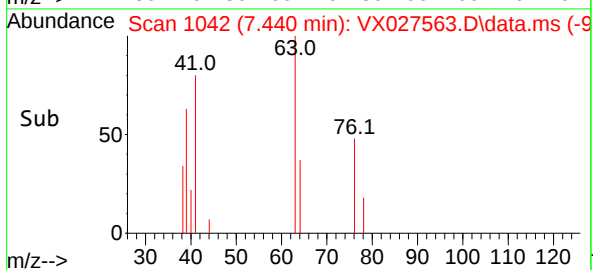
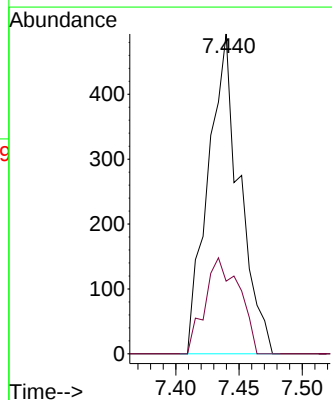
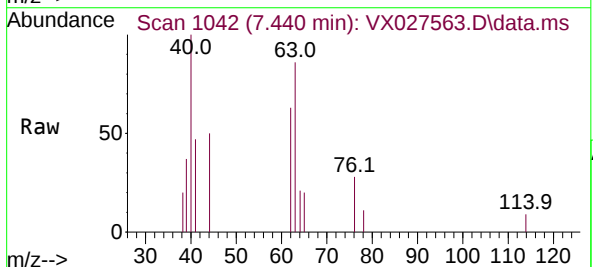
Instrument :
MSVOA_X
ClientSampleId :
RE-134D4-20220315

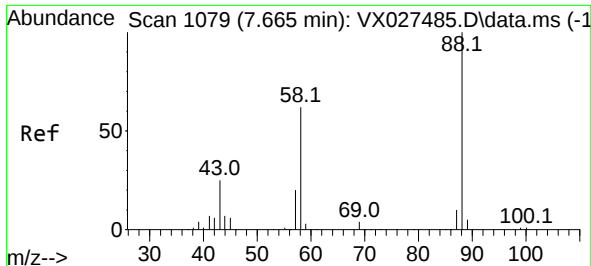
Tgt Ion:130 Resp: 102783
Ion Ratio Lower Upper
130 100
95 93.3 0.0 188.8



#45
1,2-Dichloropropane
Concen: 0.234 ug/l
RT: 7.440 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VX027563.D
Acq: 19 Mar 2022 16:21

Tgt Ion: 63 Resp: 856
Ion Ratio Lower Upper
63 100
65 22.7 25.8 38.6#





#49

1,4-Dioxane

Concen: 4.203 ug/l

RT: 7.684 min Scan# 1082

Delta R.T. 0.019 min

Lab File: VX027563.D

Acq: 19 Mar 2022 16:21

Instrument :

MSVOA_X

ClientSampleId :

RE-134D4-20220315

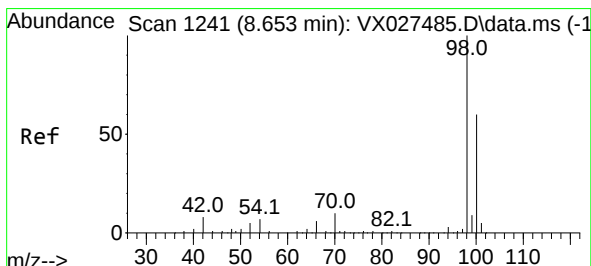
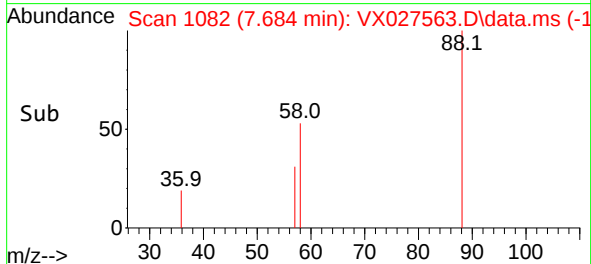
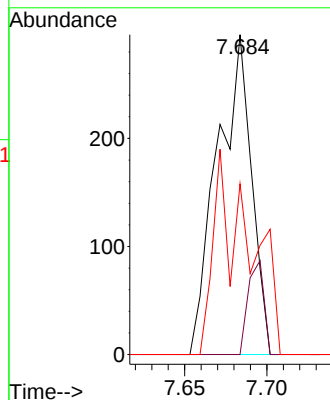
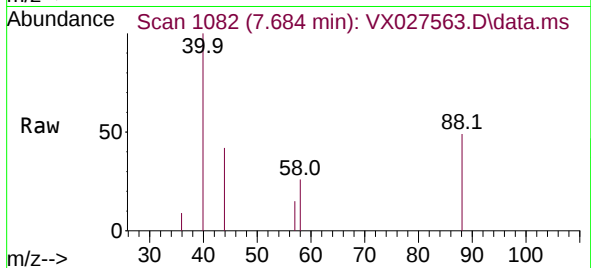
Tgt Ion: 88 Resp: 428

Ion Ratio Lower Upper

88 100

43 13.6 21.9 32.9#

58 0.0 53.7 80.5#



#50

Toluene-d8

Concen: 48.352 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX027563.D

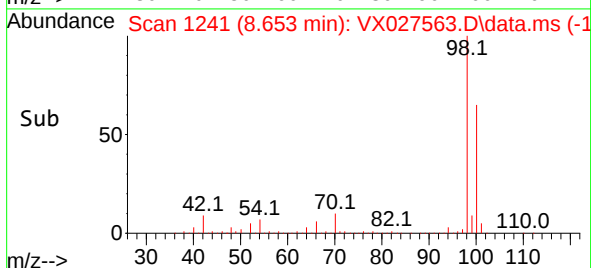
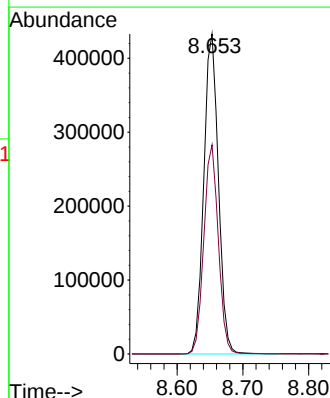
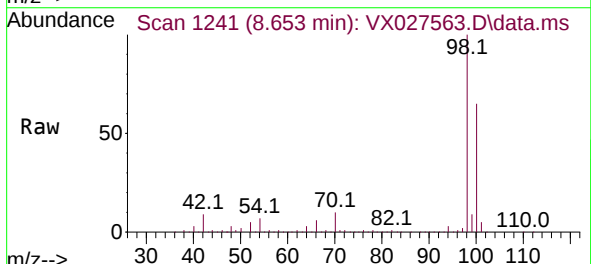
Acq: 19 Mar 2022 16:21

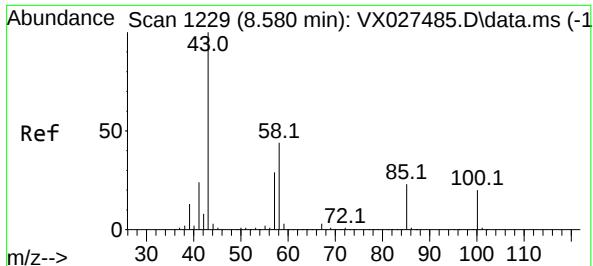
Tgt Ion: 98 Resp: 668856

Ion Ratio Lower Upper

98 100

100 64.8 52.6 78.8

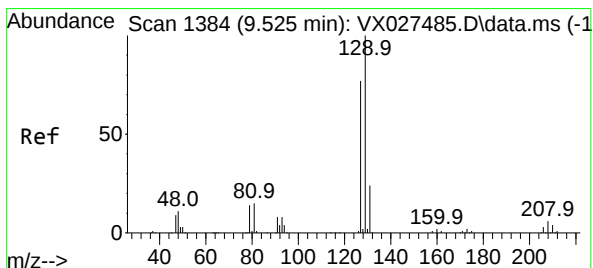
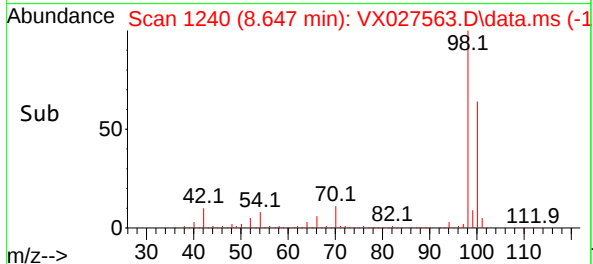
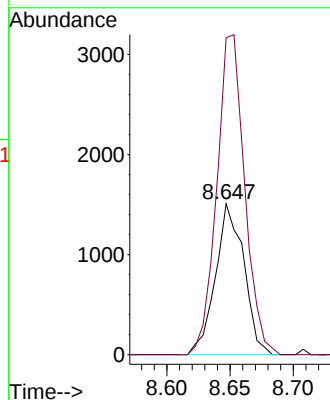
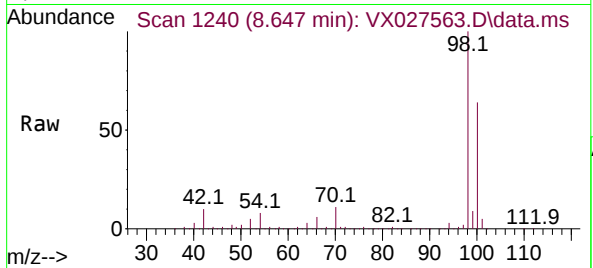




#51
4-Methyl-2-Pentanone
Concen: 0.460 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX027563.D
Acq: 19 Mar 2022 16:21

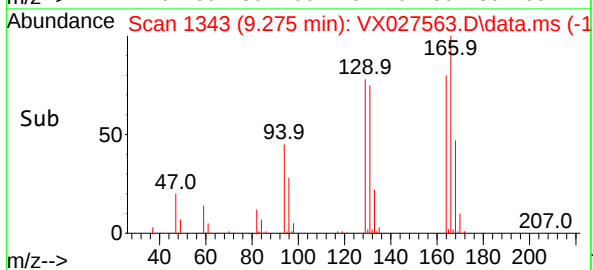
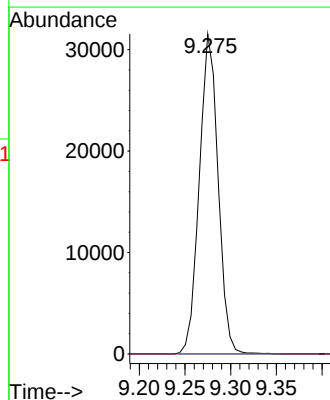
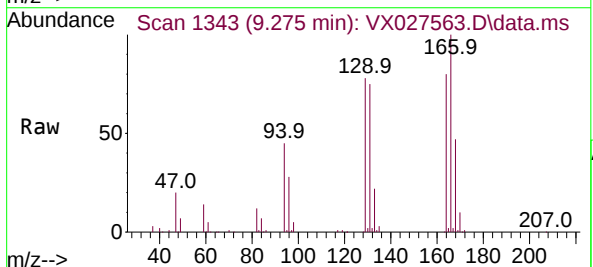
Instrument :
MSVOA_X
ClientSampleId :
RE-134D4-20220315

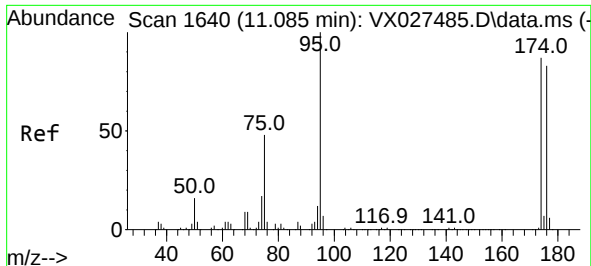
Tgt Ion: 43 Resp: 2352
Ion Ratio Lower Upper
43 100
58 208.7 36.1 54.1#



#60
Dibromochloromethane
Concen: 10.497 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX027563.D
Acq: 19 Mar 2022 16:21

Tgt Ion: 129 Resp: 45186
Ion Ratio Lower Upper
129 100
127 0.0 40.3 120.8#

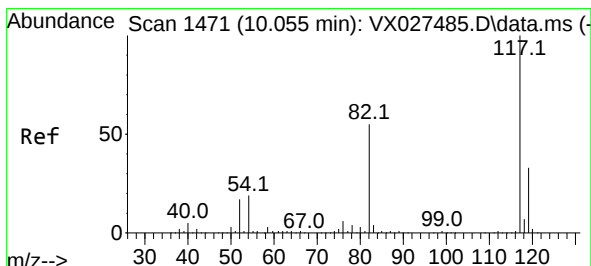
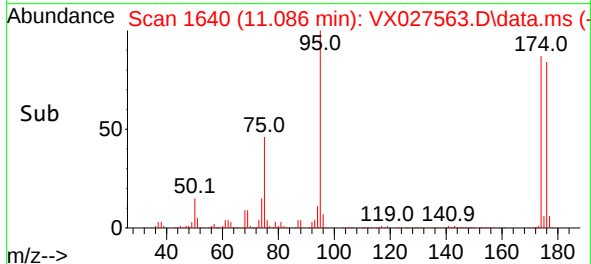
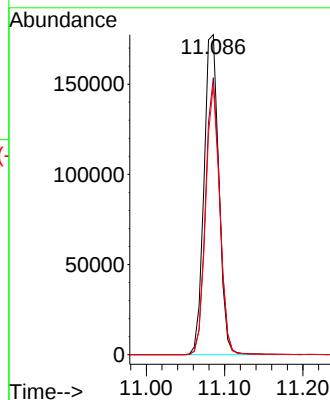
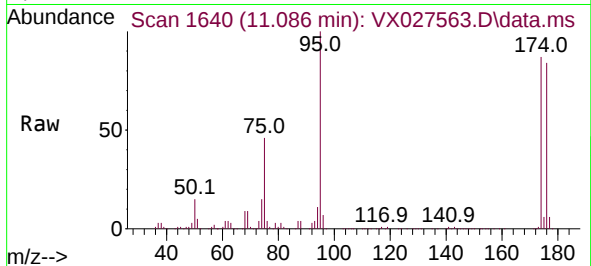




#62
4-Bromofluorobenzene
Concen: 45.937 ug/l
RT: 11.086 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027563.D
Acq: 19 Mar 2022 16:21

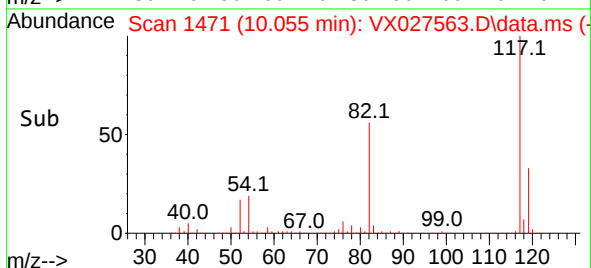
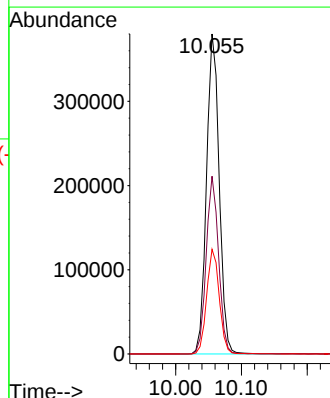
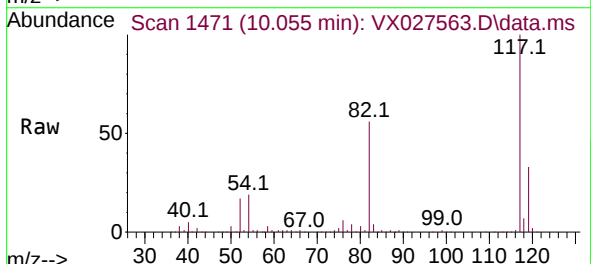
Instrument :
MSVOA_X
ClientSampleId :
RE-134D4-20220315

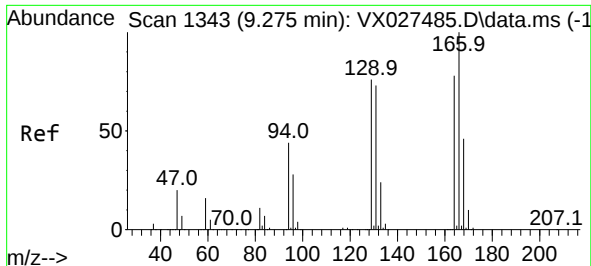
Tgt Ion: 95 Resp: 233562
Ion Ratio Lower Upper
95 100
174 82.7 0.0 163.0
176 79.8 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027563.D
Acq: 19 Mar 2022 16:21

Tgt Ion: 117 Resp: 509942
Ion Ratio Lower Upper
117 100
82 55.6 41.8 62.8
119 32.7 24.8 37.2

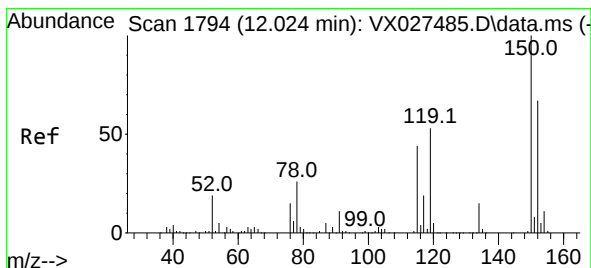
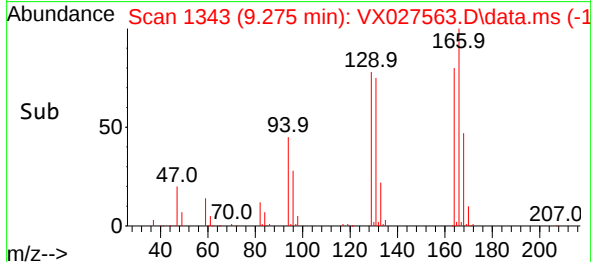
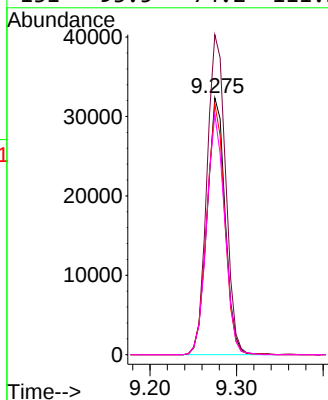
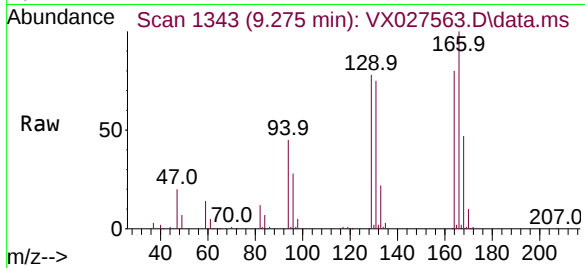




#64
Tetrachloroethene
Concen: 11.830 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027563.D
Acq: 19 Mar 2022 16:21

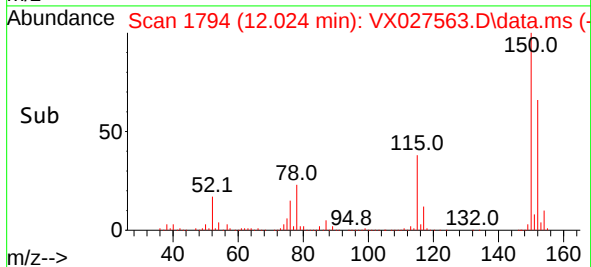
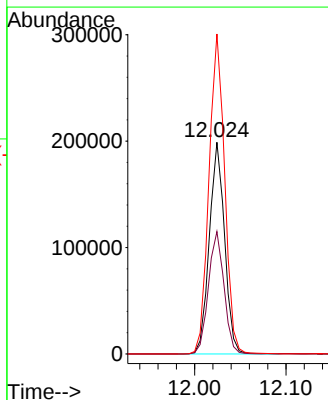
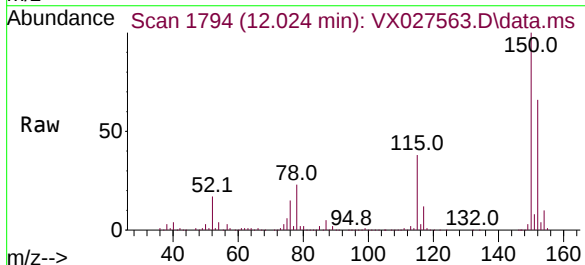
Instrument :
MSVOA_X
ClientSampleId :
RE-134D4-20220315

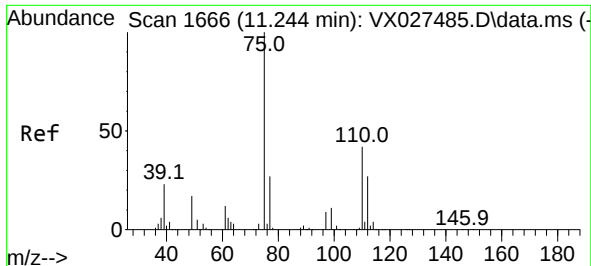
Tgt Ion:164	Resp:	46903
Ion Ratio	Lower	Upper
164	100	
166	124.6	101.2 151.8
129	97.6	73.0 109.4
131	93.5	74.2 111.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027563.D
Acq: 19 Mar 2022 16:21

Tgt Ion:152	Resp:	230274
Ion Ratio	Lower	Upper
152	100	
115	59.0	37.5 112.7
150	155.4	0.0 338.2

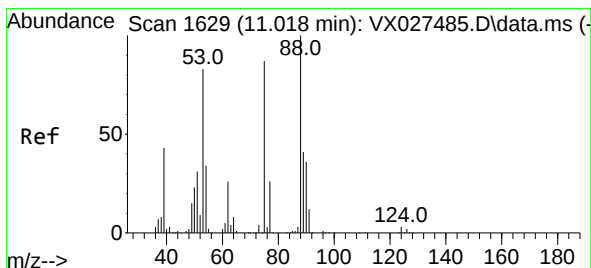
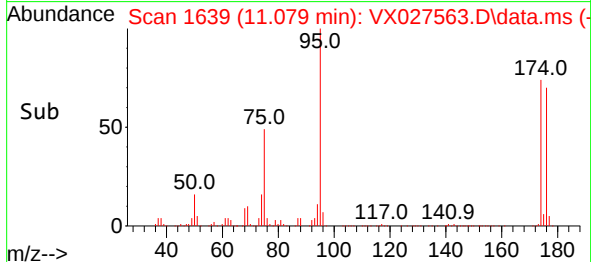
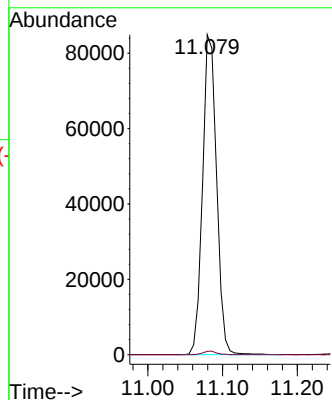
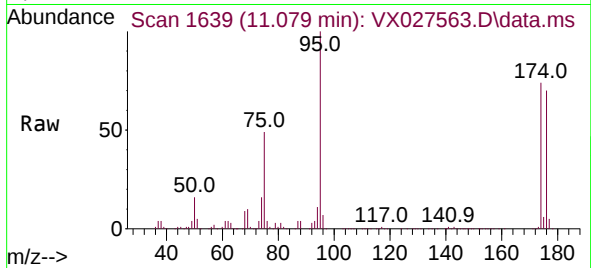




#76
1,2,3-Trichloropropane
Concen: 23.010 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX027563.D
Acq: 19 Mar 2022 16:21

Instrument :
MSVOA_X
ClientSampleId :
RE-134D4-20220315

Tgt Ion: 75 Resp: 110827
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.881 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027563.D
Acq: 19 Mar 2022 16:21

Tgt Ion: 75 Resp: 110827
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

