

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031922\
 Data File : VX027569.D
 Acq On : 19 Mar 2022 18:43
 Operator : JC/MD
 Sample : N2000-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-105D1-20220316

Quant Time: Mar 21 01:25:26 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)

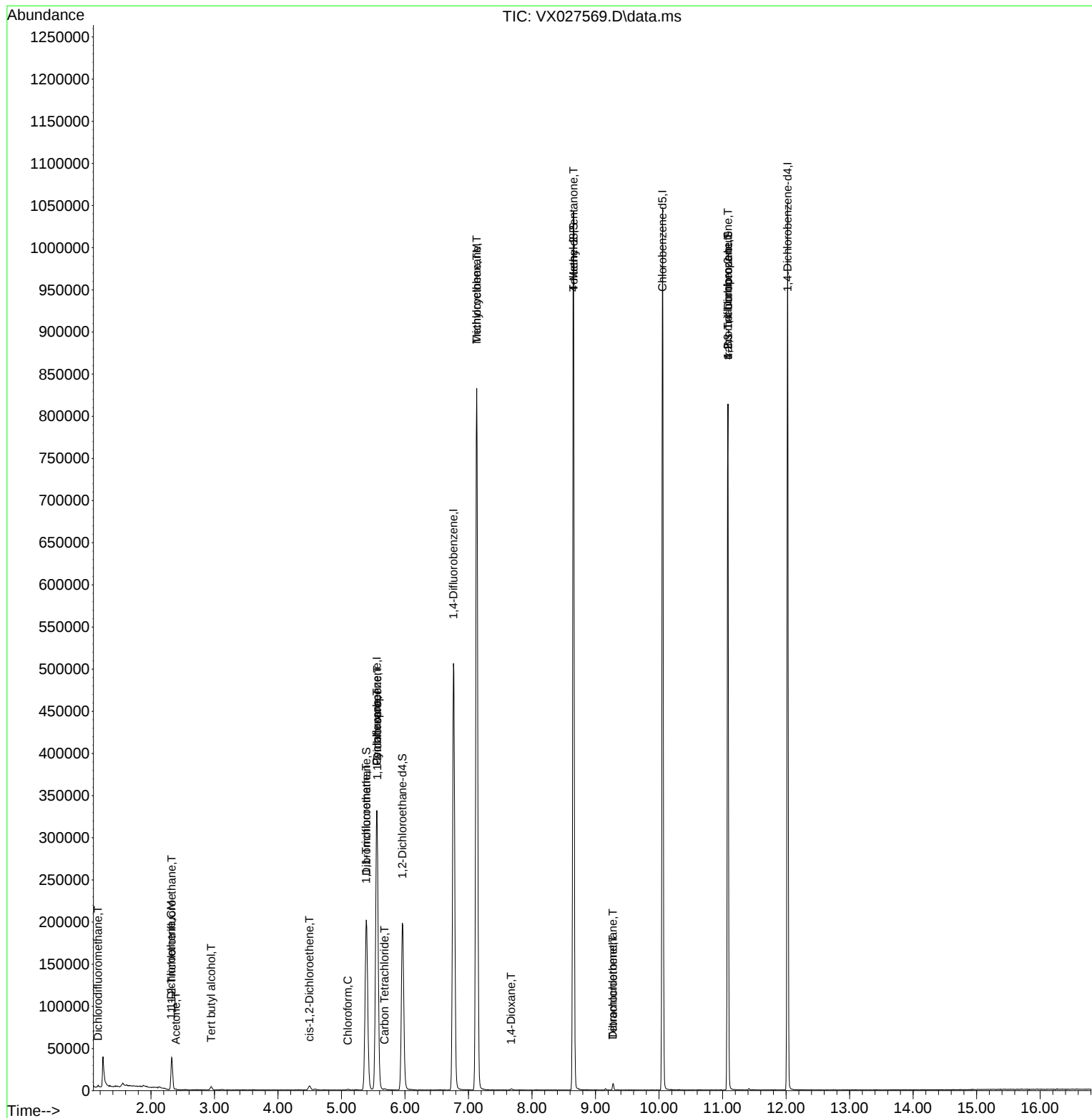
Internal Standards						
1) Pentafluorobenzene	5.556	168	329754	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	548192	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	481574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	220614	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	194005	47.758	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.520%
35) Dibromofluoromethane	5.391	113	178987	50.748	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.500%
50) Toluene-d8	8.653	98	634047	47.507	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.020%
62) 4-Bromofluorobenzene	11.085	95	220520	44.953	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.900%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	1159	0.366	ug/l	88
5) Bromomethane	1.605	94	528	Below Cal	#	74
9) 1,1,2-Trichlorotrifluo...	2.325	101	13333	4.178	ug/l	89
11) Tert butyl alcohol	2.947	59	2490	3.216	ug/l #	72
12) 1,1-Dichloroethene	2.319	96	2192	0.716	ug/l	91
16) Acetone	2.392	43	790	0.477	ug/l #	84
27) cis-1,2-Dichloroethene	4.495	96	3235	0.854	ug/l	93
30) Chloroform	5.099	83	1278	0.204	ug/l	86
31) Cyclohexane	5.556	56	5624	1.115	ug/l #	1
32) 1,1,1-Trichloroethane	5.385	97	1762	0.308	ug/l #	49
36) 1,1-Dichloropropene	5.562	75	23368	4.848	ug/l #	50
38) Carbon Tetrachloride	5.678	117	1144	0.207	ug/l #	70
39) Methylcyclohexane	7.129	83	3889	0.642	ug/l #	1
44) Trichloroethene	7.129	130	346535	82.555	ug/l	99
49) 1,4-Dioxane	7.671	88	1273	12.957	ug/l	91
51) 4-Methyl-2-Pentanone	8.653	43	2302	0.467	ug/l #	1
60) Dibromochloromethane	9.275	129	1442	0.347	ug/l #	9
64) Tetrachloroethene	9.275	164	1458	0.389	ug/l	96
76) 1,2,3-Trichloropropane	11.085	75	105664	22.898	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	105664	69.543	ug/l #	15

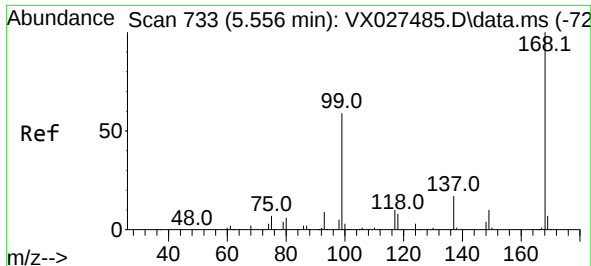
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031922\  
Data File : VX027569.D  
Acq On    : 19 Mar 2022  18:43  
Operator  : JC/MD  
Sample    : N2000-19  
Misc      : 5.0mL/MSVOA_X/WATER  
ALS Vial  : 21    Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :
RE-105D1-20220316

Quant Time: Mar 21 01:25:26 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

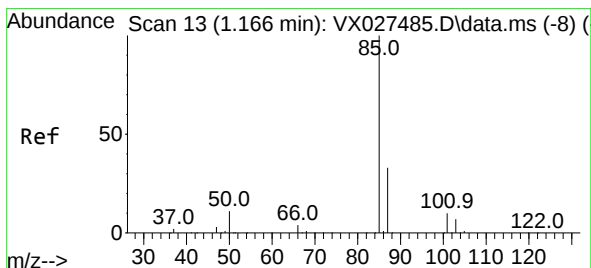
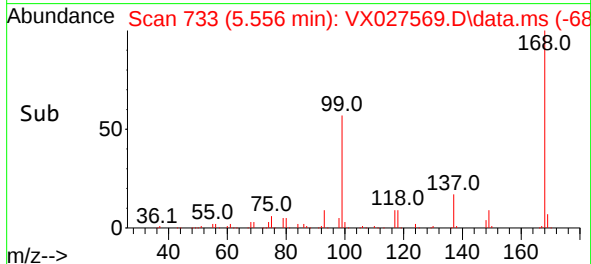
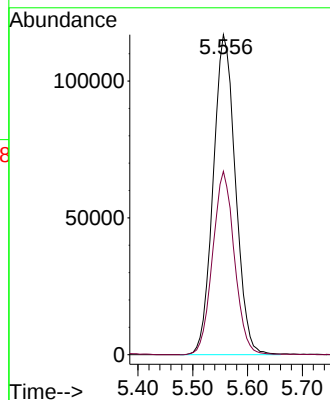
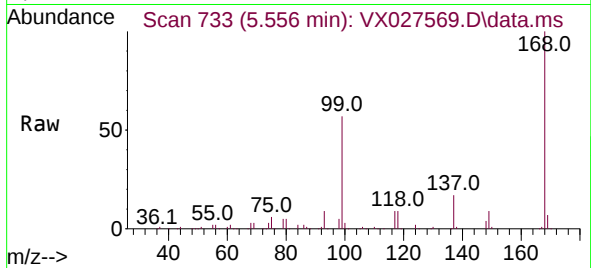




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027569.D
Acq: 19 Mar 2022 18:43

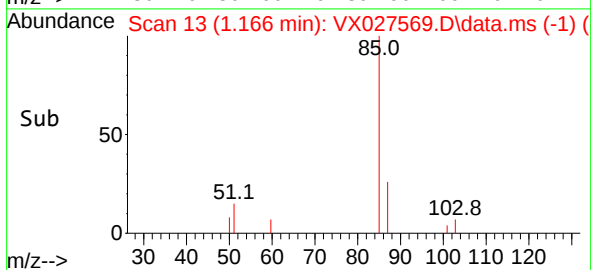
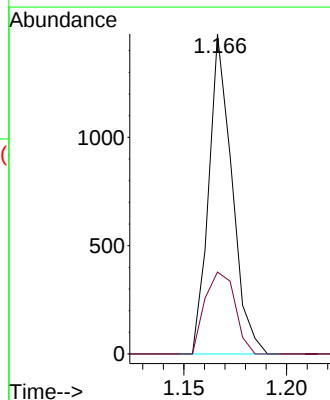
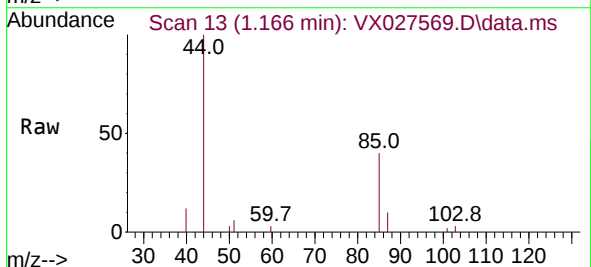
Instrument :
MSVOA_X
ClientSampleId :
RE-105D1-20220316

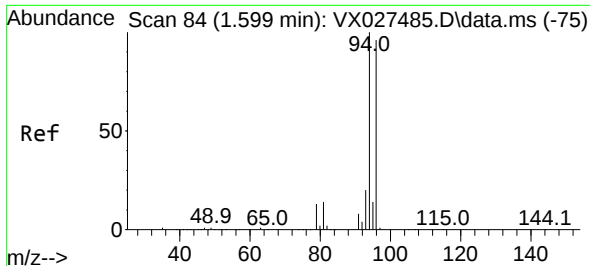
Tgt Ion:168 Resp: 329754
Ion Ratio Lower Upper
168 100
99 57.3 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 0.366 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX027569.D
Acq: 19 Mar 2022 18:43

Tgt Ion: 85 Resp: 1159
Ion Ratio Lower Upper
85 100
87 25.6 16.2 48.6

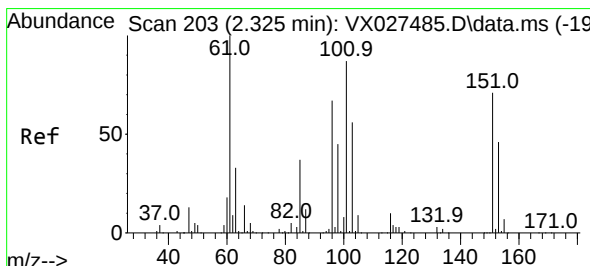
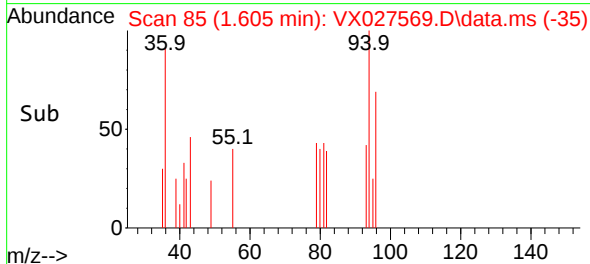
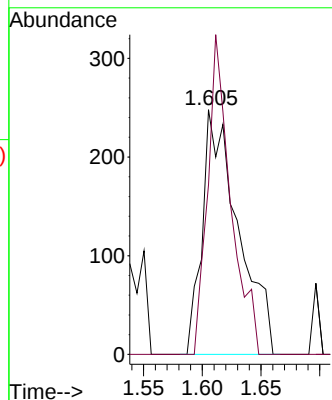
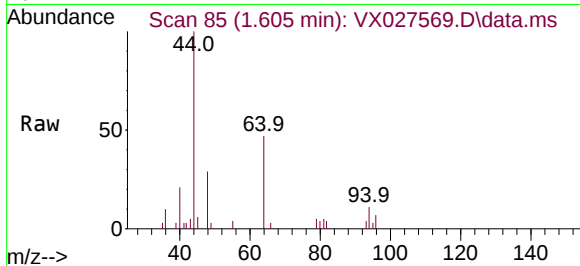




#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX027569.D
Acq: 19 Mar 2022 18:43

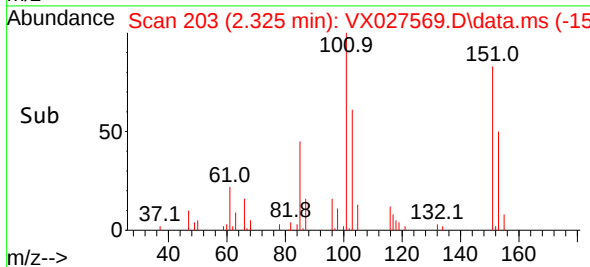
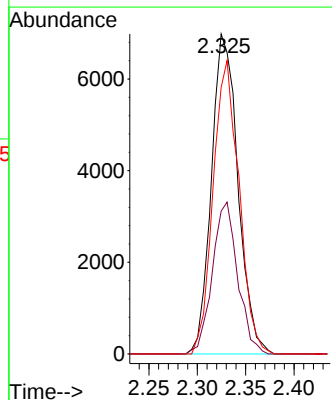
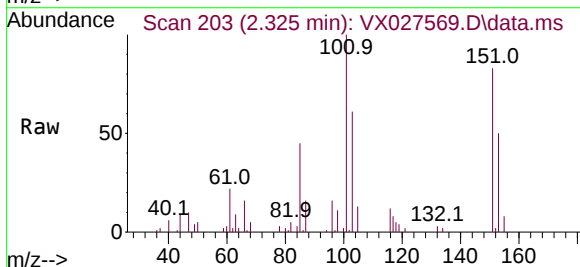
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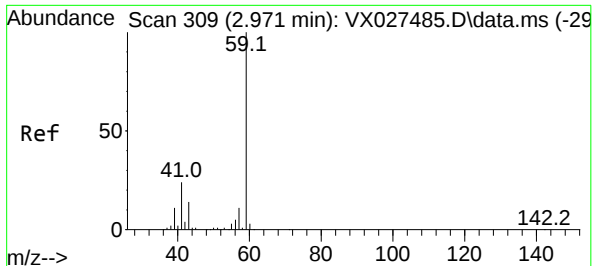
Tgt Ion: 94 Resp: 528
Ion Ratio Lower Upper
94 100
96 69.4 75.3 112.9#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.178 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX027569.D
Acq: 19 Mar 2022 18:43

Tgt Ion: 101 Resp: 13333
Ion Ratio Lower Upper
101 100
85 45.3 33.5 50.3
151 89.4 61.8 92.6

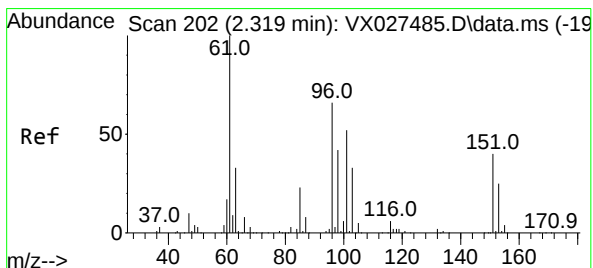
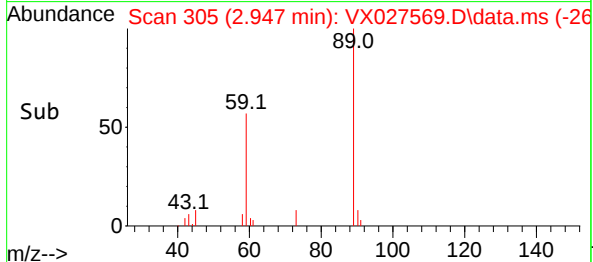
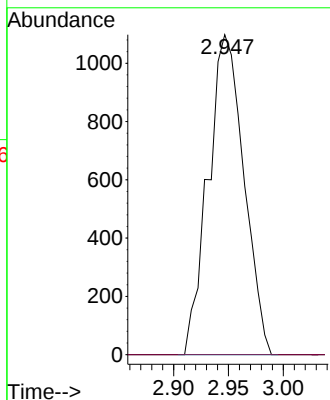
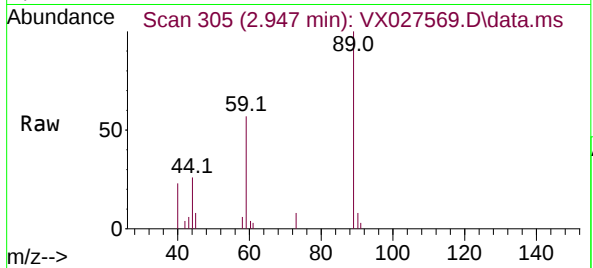




#11
Tert butyl alcohol
Concen: 3.216 ug/l
RT: 2.947 min Scan# 309
Delta R.T. -0.024 min
Lab File: VX027569.D
Acq: 19 Mar 2022 18:43

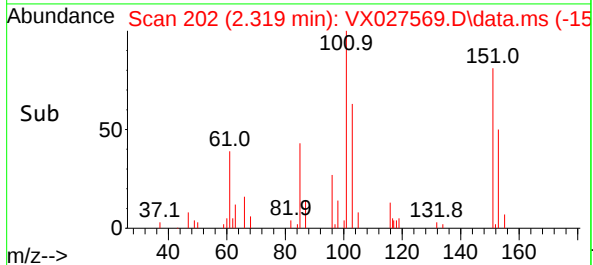
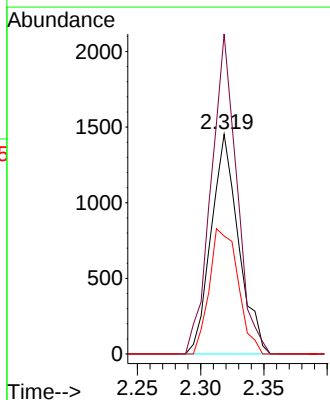
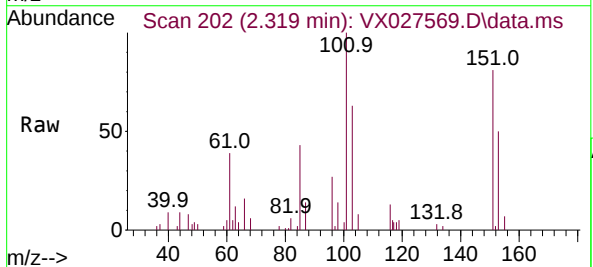
Instrument :
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ClientSampleId :
RE-105D1-20220316

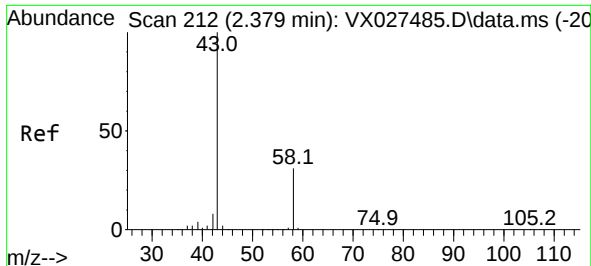
Tgt Ion: 59 Resp: 2490
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 0.716 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX027569.D
Acq: 19 Mar 2022 18:43

Tgt Ion: 96 Resp: 2192
Ion Ratio Lower Upper
96 100
61 145.6 124.6 187.0
98 53.7 51.0 76.4

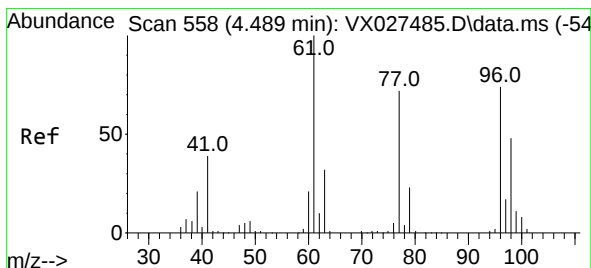
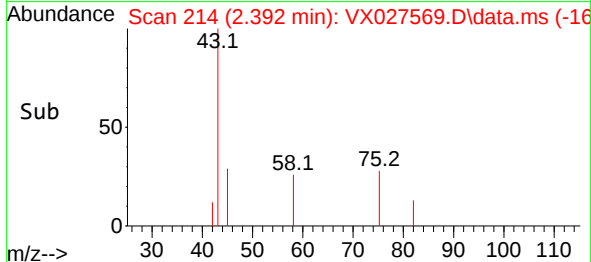
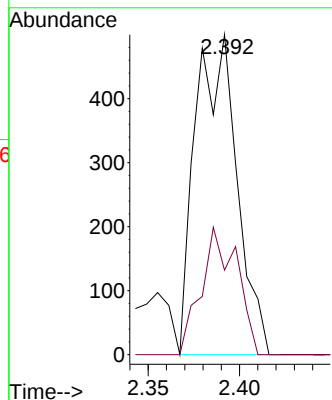
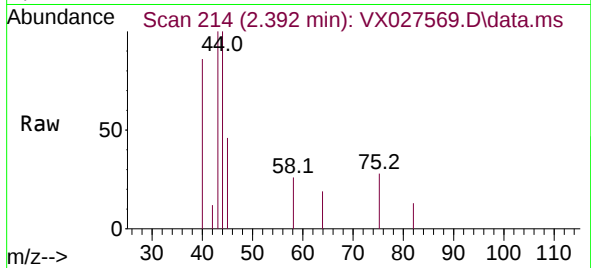




#16
Acetone
Concen: 0.477 ug/l
RT: 2.392 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX027569.D
Acq: 19 Mar 2022 18:43

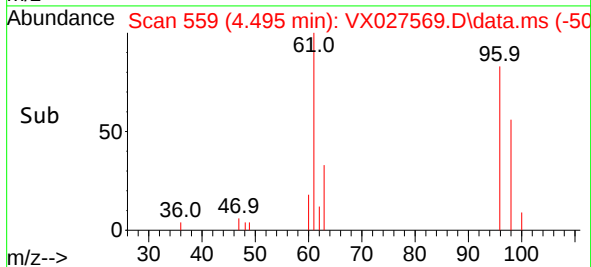
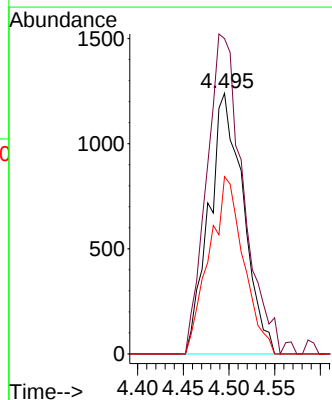
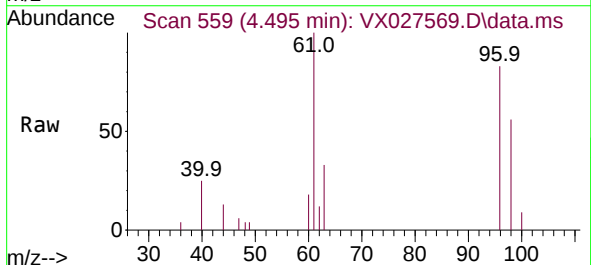
Instrument :
MSVOA_X
ClientSampleId :
RE-105D1-20220316

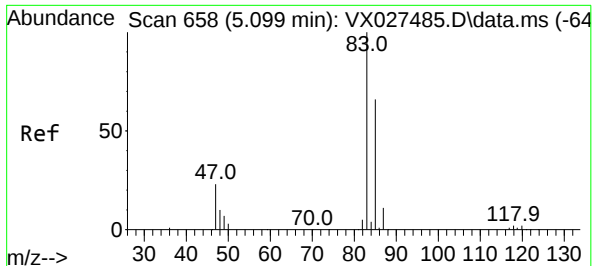
Tgt Ion: 43 Resp: 790
Ion Ratio Lower Upper
43 100
58 26.4 28.8 43.2#



#27
cis-1,2-Dichloroethene
Concen: 0.854 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX027569.D
Acq: 19 Mar 2022 18:43

Tgt Ion: 96 Resp: 3235
Ion Ratio Lower Upper
96 100
61 131.7 0.0 283.8
98 68.1 0.0 129.8





#30

Chloroform

Concen: 0.204 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX027569.D

Acq: 19 Mar 2022 18:43

Instrument :

MSVOA_X

ClientSampleId :

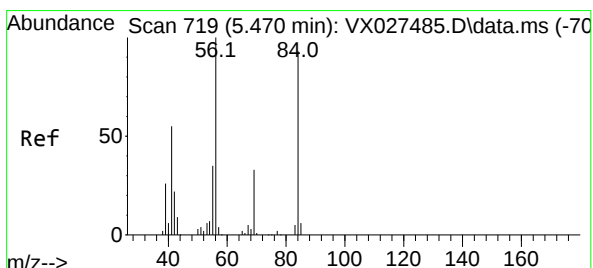
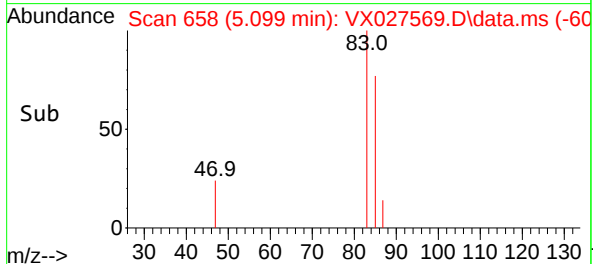
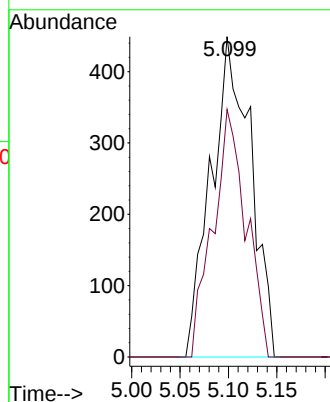
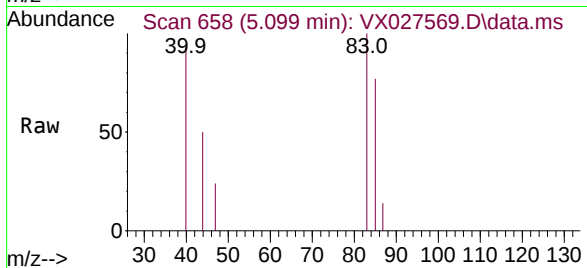
RE-105D1-20220316

Tgt Ion: 83 Resp: 1278

Ion Ratio Lower Upper

83 100

85 77.3 52.7 79.1



#31

Cyclohexane

Concen: 1.115 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX027569.D

Acq: 19 Mar 2022 18:43

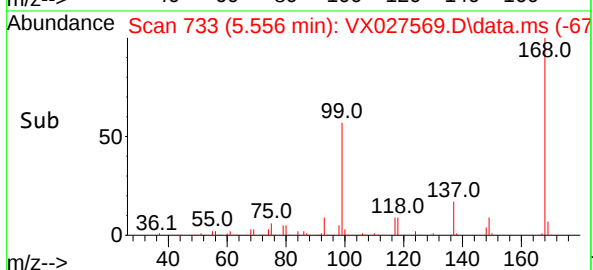
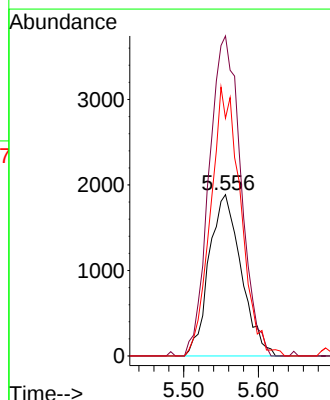
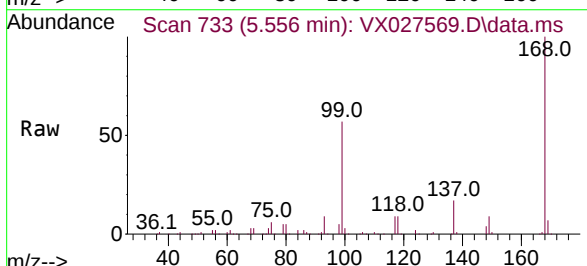
Tgt Ion: 56 Resp: 5624

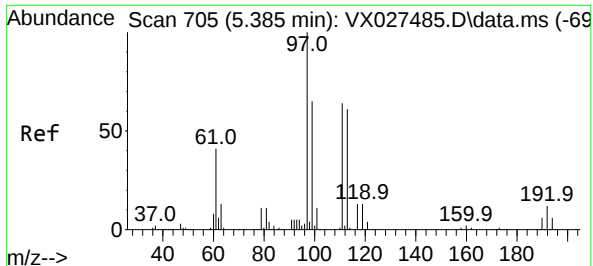
Ion Ratio Lower Upper

56 100

69 198.4 26.7 40.1#

84 147.4 77.2 115.8#





#32

1,1,1-Trichloroethane

Concen: 0.308 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX027569.D

Acq: 19 Mar 2022 18:43

Instrument :

MSVOA_X

ClientSampleId :

RE-105D1-20220316

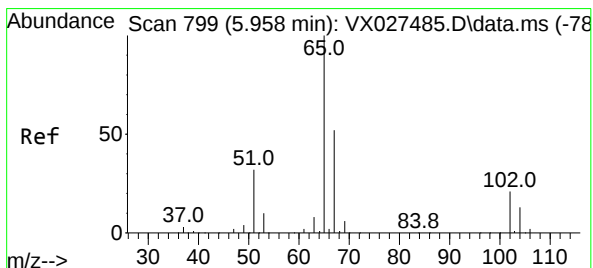
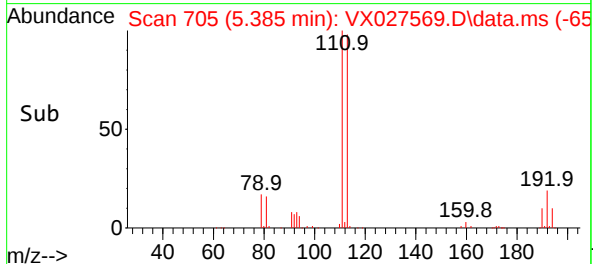
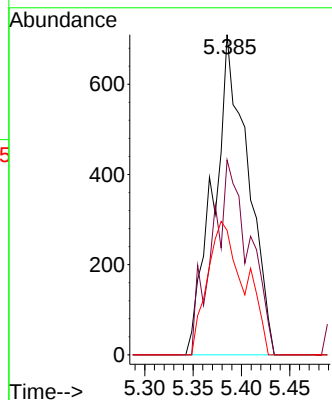
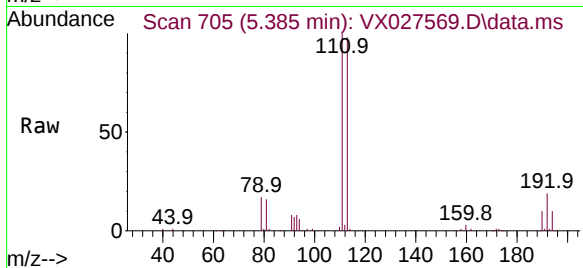
Tgt Ion: 97 Resp: 1762

Ion Ratio Lower Upper

97 100

99 0.0 51.8 77.6#

61 44.7 34.0 51.0



#33

1,2-Dichloroethane-d4

Concen: 47.758 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027569.D

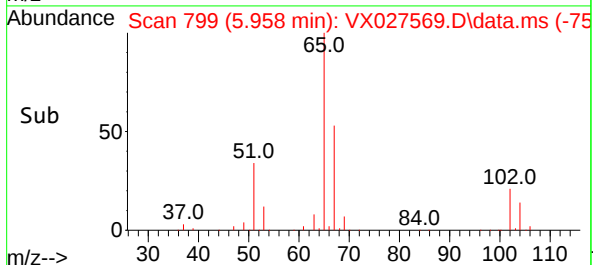
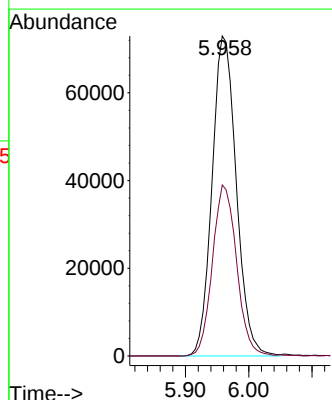
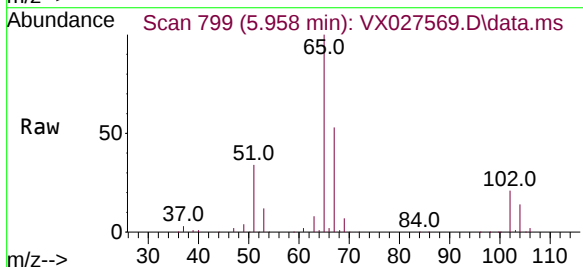
Acq: 19 Mar 2022 18:43

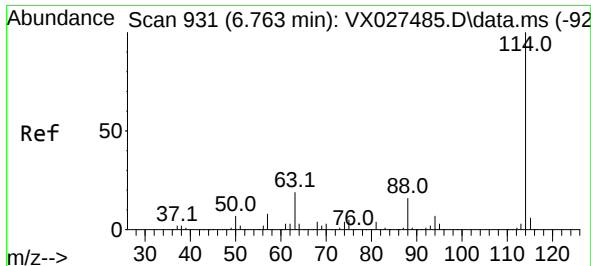
Tgt Ion: 65 Resp: 194005

Ion Ratio Lower Upper

65 100

67 53.4 0.0 107.4

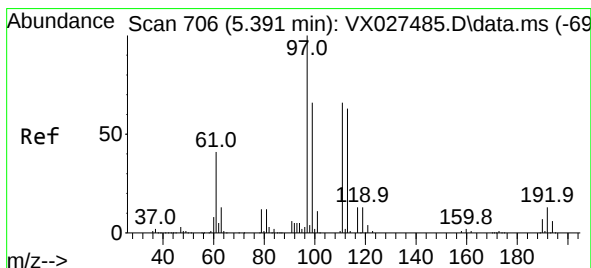
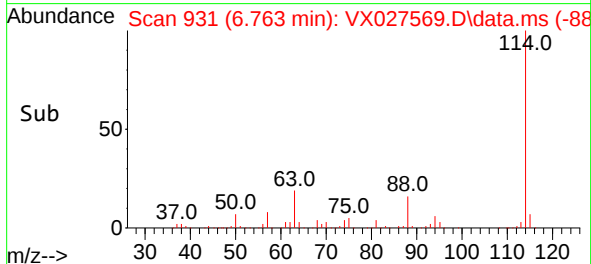
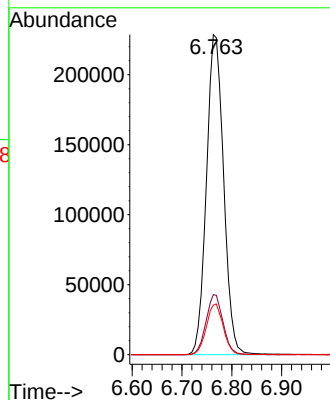
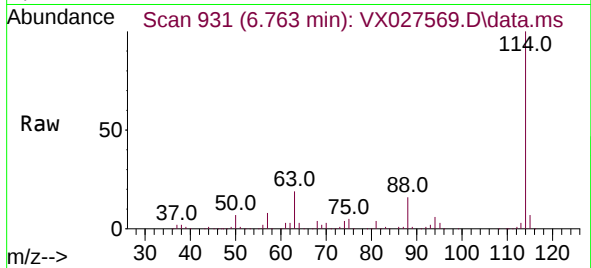




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX027569.D
Acq: 19 Mar 2022 18:43

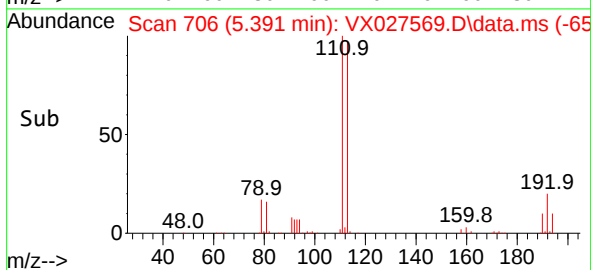
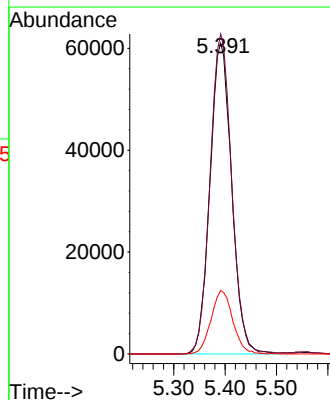
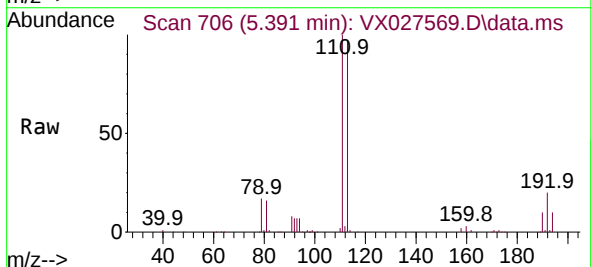
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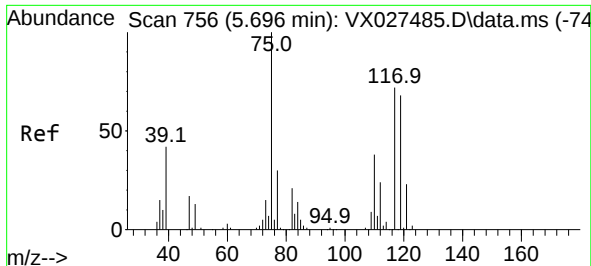
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Ion Ratio Lower Upper
114 100
63 18.7 0.0 36.8
88 15.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.748 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027569.D
Acq: 19 Mar 2022 18:43

Tgt Ion:113 Resp: 178987
Ion Ratio Lower Upper
113 100
111 102.3 82.8 124.2
192 20.4 16.9 25.3

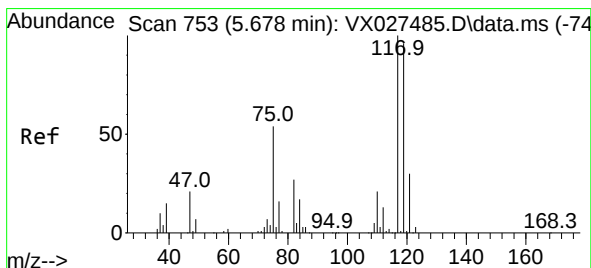
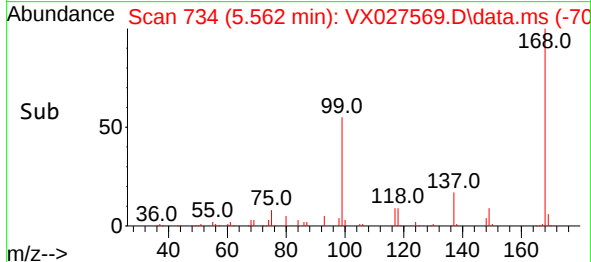
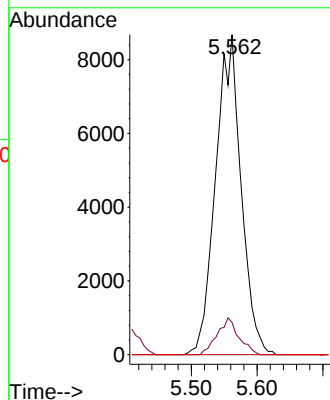
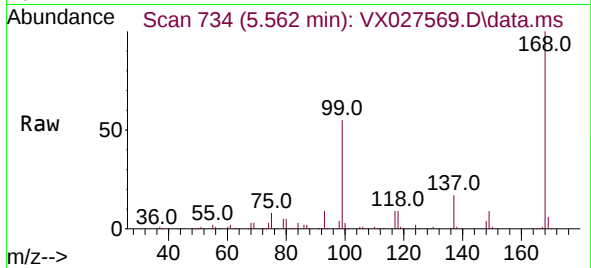




#36
1,1-Dichloropropene
Concen: 4.848 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX027569.D
Acq: 19 Mar 2022 18:43

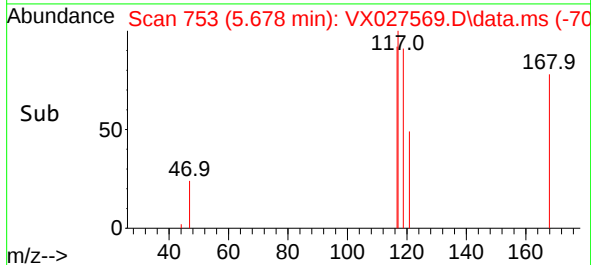
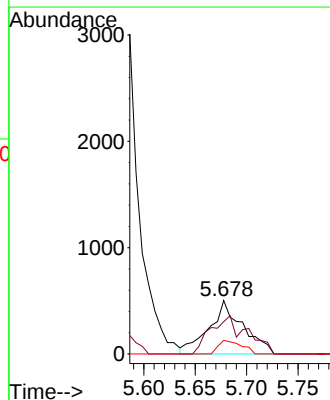
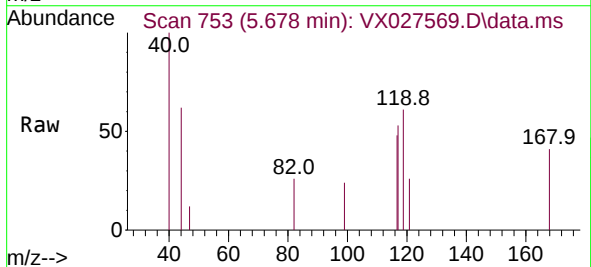
Instrument :
MSVOA_X
ClientSampleId :
RE-105D1-20220316

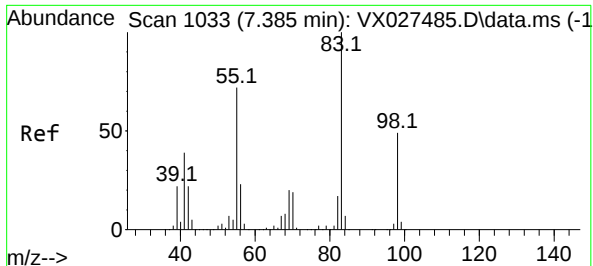
Tgt Ion: 75 Resp: 23368
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 0.207 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX027569.D
Acq: 19 Mar 2022 18:43

Tgt Ion: 117 Resp: 1144
Ion Ratio Lower Upper
117 100
119 60.6 77.3 115.9#
121 25.4 24.2 36.2





#39

Methylcyclohexane

Concen: 0.642 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.256 min

Lab File: VX027569.D

Acq: 19 Mar 2022 18:43

Instrument :

MSVOA_X

ClientSampleId :

RE-105D1-20220316

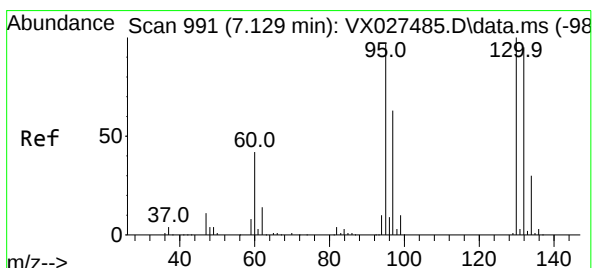
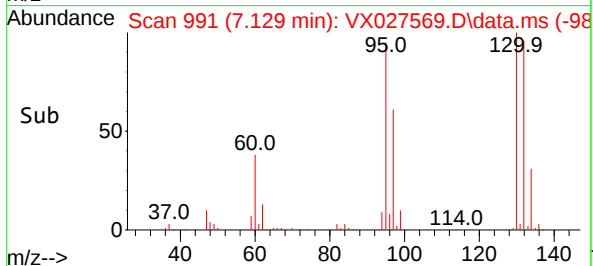
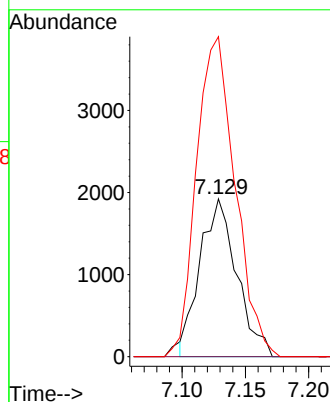
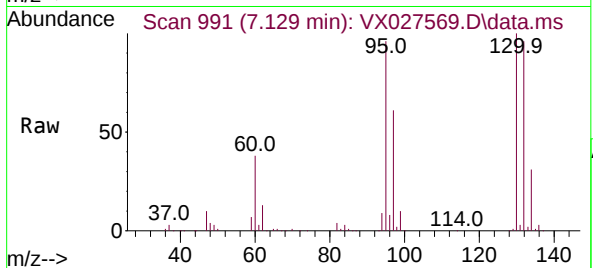
Tgt Ion: 83 Resp: 3889

Ion Ratio Lower Upper

83 100

55 0.0 54.6 81.8#

98 193.4 37.4 56.2#



#44

Trichloroethene

Concen: 82.555 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX027569.D

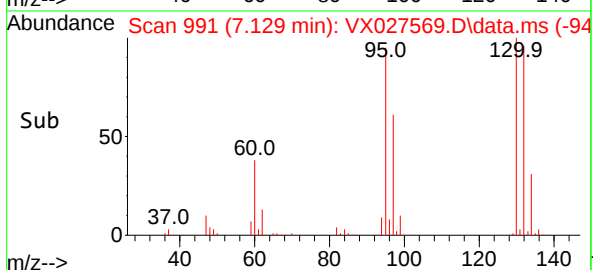
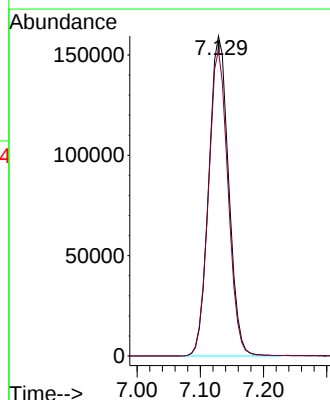
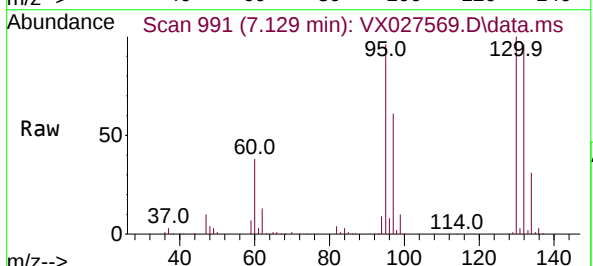
Acq: 19 Mar 2022 18:43

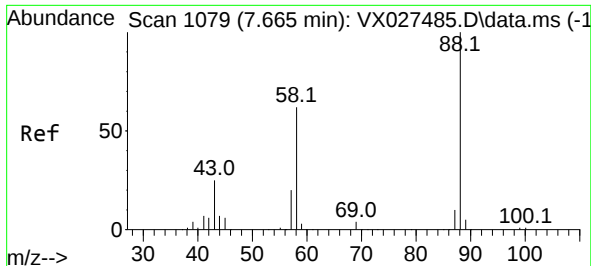
Tgt Ion:130 Resp: 346535

Ion Ratio Lower Upper

130 100

95 95.5 0.0 188.8





#49

1,4-Dioxane

Concen: 12.957 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. 0.006 min

Lab File: VX027569.D

Acq: 19 Mar 2022 18:43

Instrument :

MSVOA_X

ClientSampleId :

RE-105D1-20220316

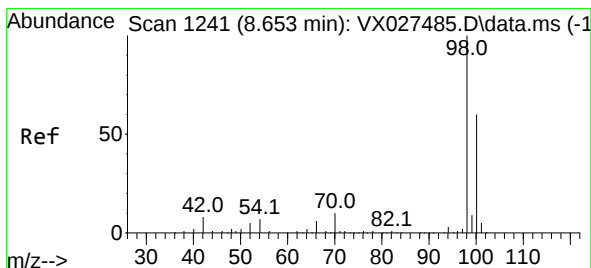
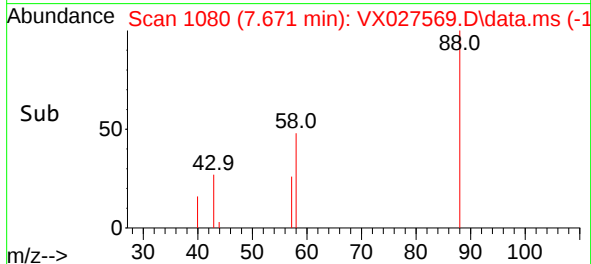
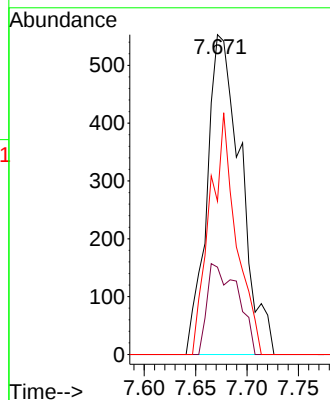
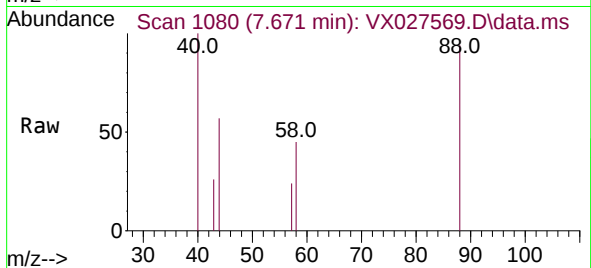
Tgt Ion: 88 Resp: 1273

Ion Ratio Lower Upper

88 100

43 25.5 21.9 32.9

58 58.7 53.7 80.5



#50

Toluene-d8

Concen: 47.507 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX027569.D

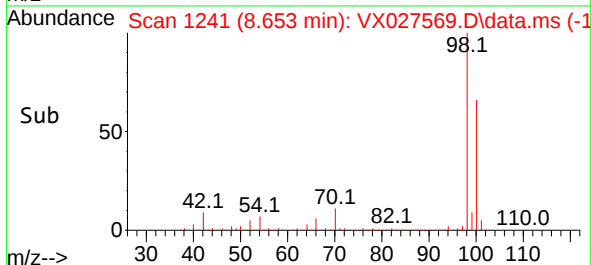
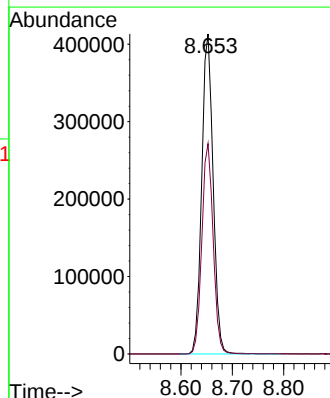
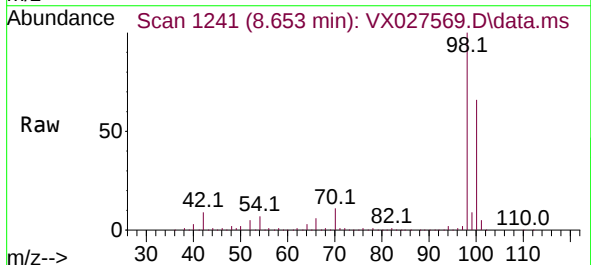
Acq: 19 Mar 2022 18:43

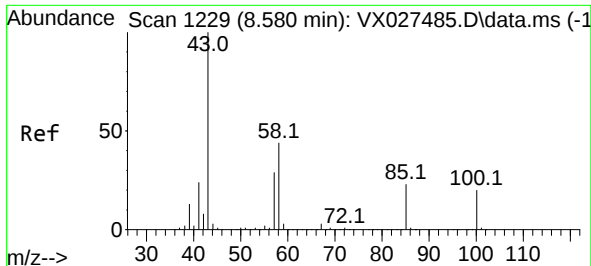
Tgt Ion: 98 Resp: 634047

Ion Ratio Lower Upper

98 100

100 65.3 52.6 78.8

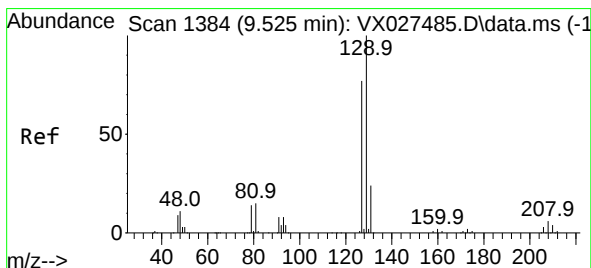
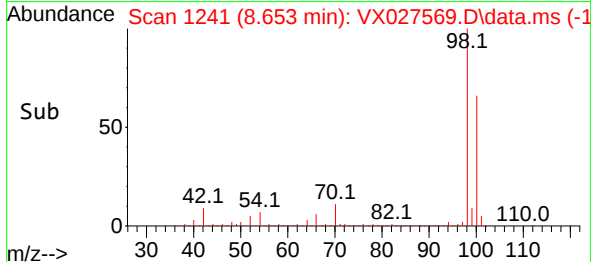
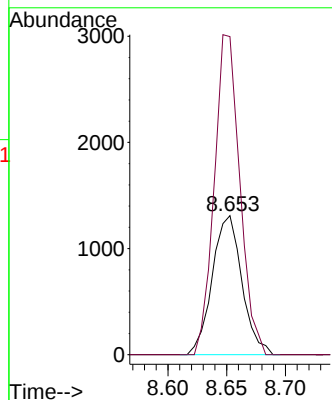
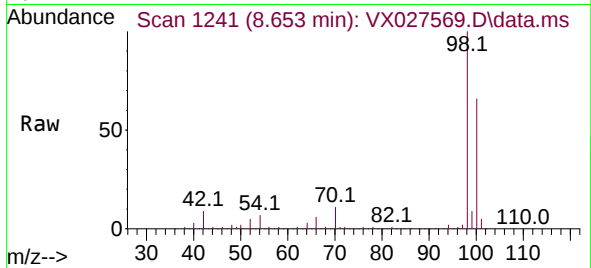




#51
4-Methyl-2-Pentanone
Concen: 0.467 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX027569.D
Acq: 19 Mar 2022 18:43

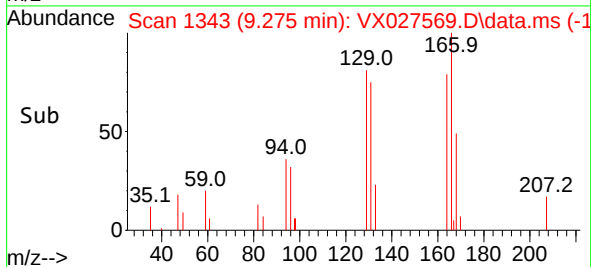
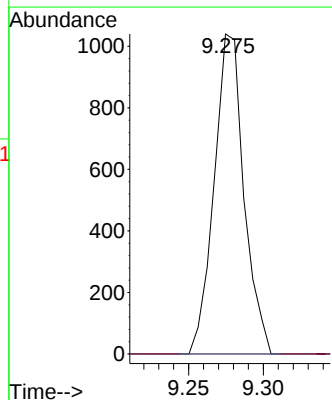
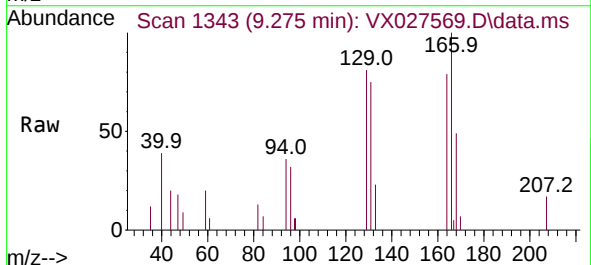
Instrument :
MSVOA_X
ClientSampleId :
RE-105D1-20220316

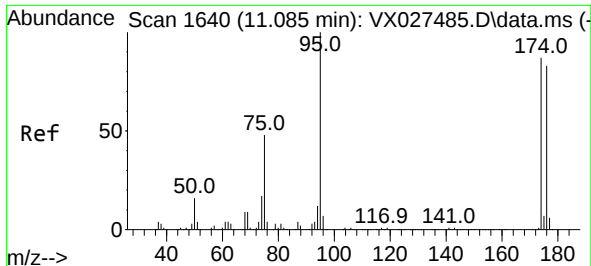
Tgt Ion: 43 Resp: 2302
Ion Ratio Lower Upper
43 100
58 198.4 36.1 54.1#



#60
Dibromochloromethane
Concen: 0.347 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX027569.D
Acq: 19 Mar 2022 18:43

Tgt Ion: 129 Resp: 1442
Ion Ratio Lower Upper
129 100
127 0.0 40.3 120.8#

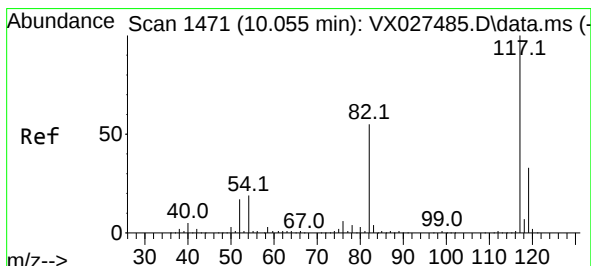
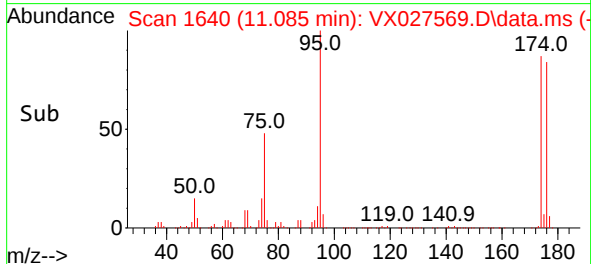
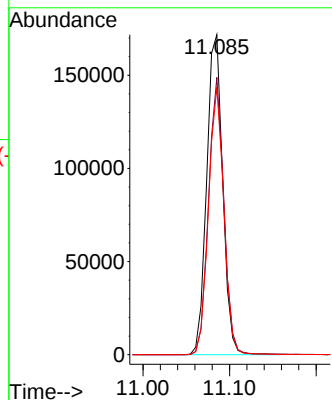
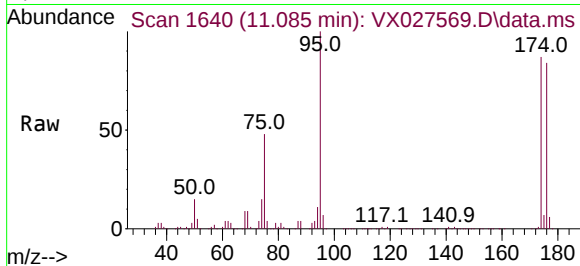




#62
4-Bromofluorobenzene
Concen: 44.953 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027569.D
Acq: 19 Mar 2022 18:43

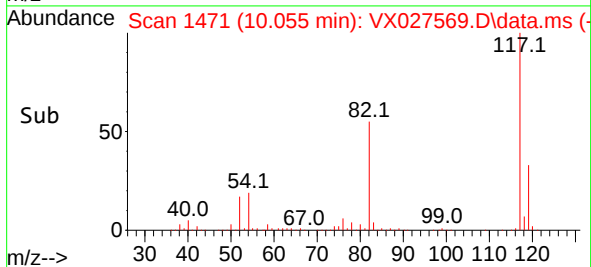
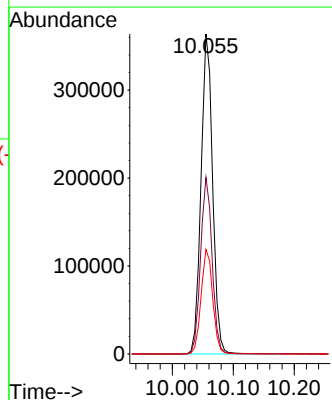
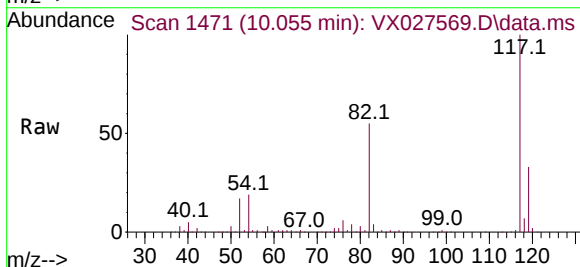
Instrument :
MSVOA_X
ClientSampleId :
RE-105D1-20220316

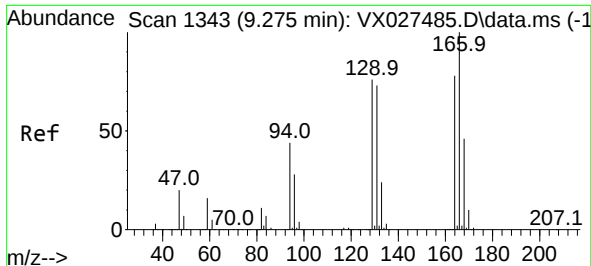
Tgt Ion: 95 Resp: 220520
Ion Ratio Lower Upper
95 100
174 83.4 0.0 163.0
176 80.4 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027569.D
Acq: 19 Mar 2022 18:43

Tgt Ion: 117 Resp: 481574
Ion Ratio Lower Upper
117 100
82 55.2 41.8 62.8
119 32.7 24.8 37.2

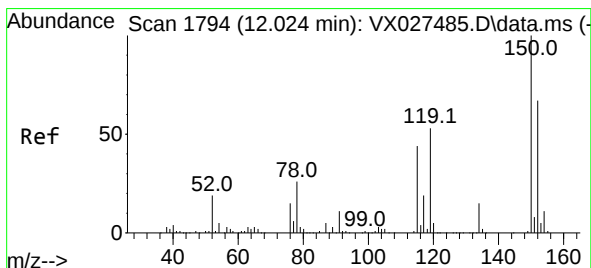
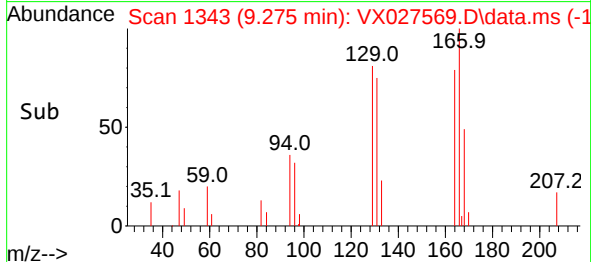
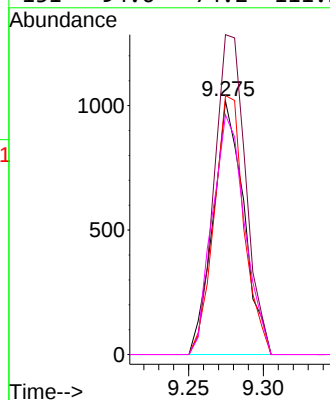
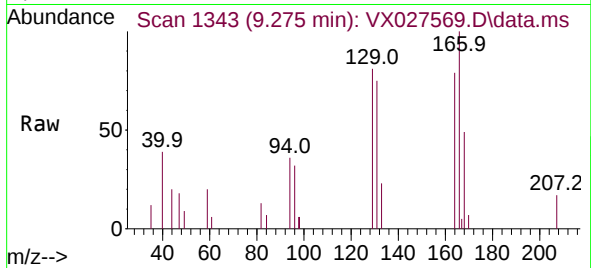




#64
Tetrachloroethene
Concen: 0.389 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027569.D
Acq: 19 Mar 2022 18:43

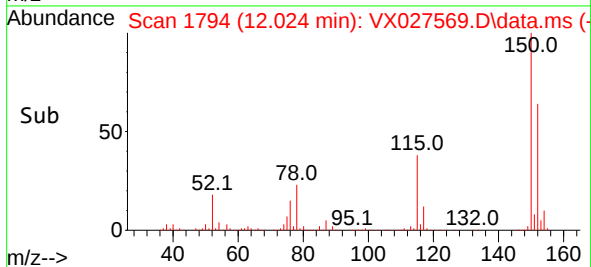
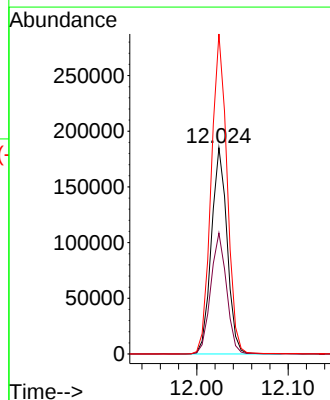
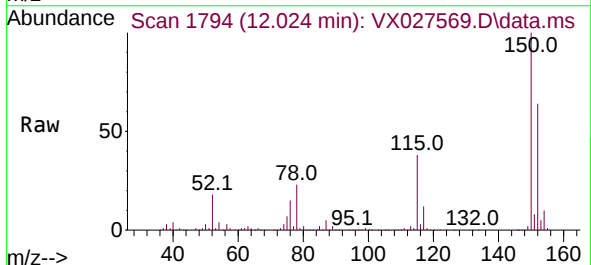
Instrument :
MSVOA_X
ClientSampleId :
RE-105D1-20220316

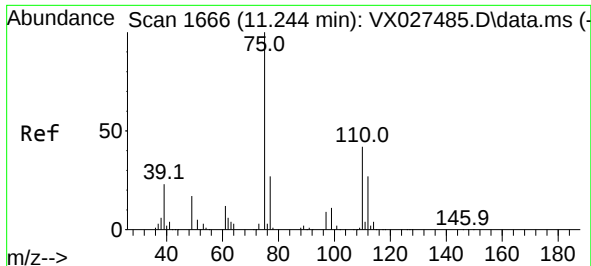
Tgt	Ion:164	Resp:	1458
Ion	Ratio	Lower	Upper
164	100		
166	126.2	101.2	151.8
129	102.2	73.0	109.4
131	94.6	74.2	111.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027569.D
Acq: 19 Mar 2022 18:43

Tgt Ion:152	Resp:	220614	
Ion	Ratio	Lower	Upper
152	100		
115	58.8	37.5	112.7
150	156.6	0.0	338.2

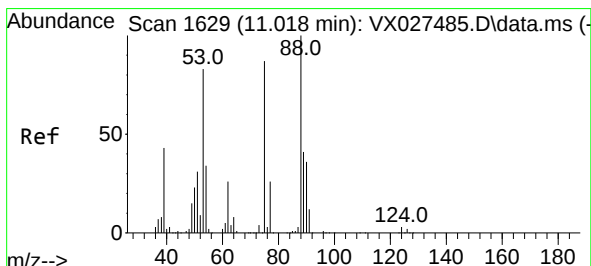
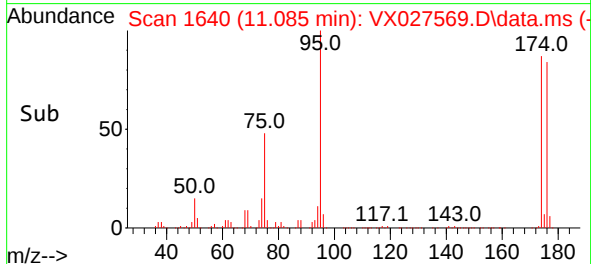
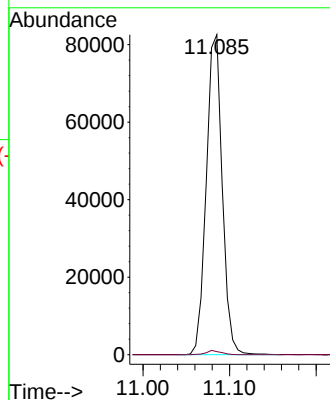
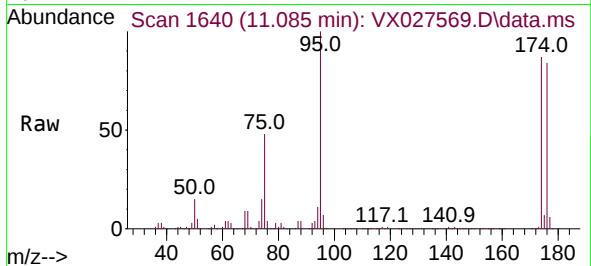




#76
1,2,3-Trichloropropane
Concen: 22.898 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX027569.D
Acq: 19 Mar 2022 18:43

Instrument :
MSVOA_X
ClientSampleId :
RE-105D1-20220316

Tgt Ion: 75 Resp: 105664
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.543 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX027569.D
Acq: 19 Mar 2022 18:43

Tgt Ion: 75 Resp: 105664
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

