

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033022\
 Data File : VX027813.D
 Acq On : 30 Mar 2022 16:14
 Operator : JC/MD
 Sample : N2074-19 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D2-20220321

Quant Time: Mar 31 05:50:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

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

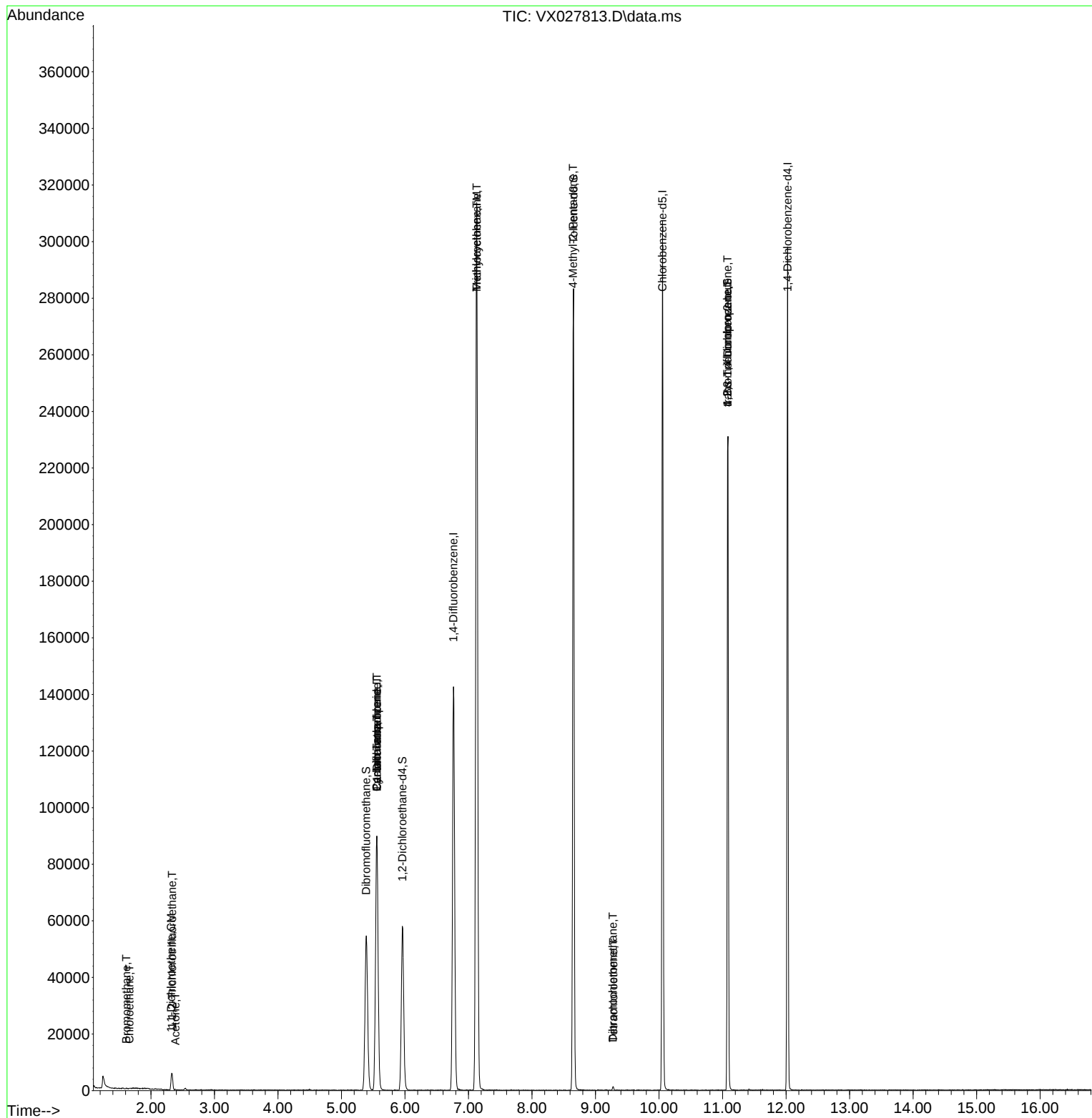
Internal Standards						
1) Pentafluorobenzene	5.556	168	80540	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	143375	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57990	55.803	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 111.600%	
35) Dibromofluoromethane	5.385	113	47015	50.802	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.600%	
50) Toluene-d8	8.653	98	169515	52.060	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.120%	
62) 4-Bromofluorobenzene	11.079	95	64554	46.652	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 93.300%	
Target Compounds						
						Qvalue
5) Bromomethane	1.611	94	93	0.312	ug/l	# 3
6) Chloroethane	1.660	64	158	0.354	ug/l	# 43
9) 1,1,2-Trichlorotrifluo...	2.331	101	2095	2.778	ug/l	96
12) 1,1-Dichloroethene	2.319	96	592	0.856	ug/l	96
16) Acetone	2.386	43	252	0.548	ug/l	# 39
31) Cyclohexane	5.556	56	1950	1.698	ug/l	# 24
36) 1,1-Dichloropropene	5.556	75	6734	5.777	ug/l	# 49
38) Carbon Tetrachloride	5.556	117	8704	6.759	ug/l	# 16
39) Methylcyclohexane	7.129	83	1451	1.058	ug/l	# 1
44) Trichloroethene	7.129	130	114038	118.795	ug/l	91
51) 4-Methyl-2-Pentanone	8.647	43	651	0.405	ug/l	# 1
60) Dibromochloromethane	9.275	129	256	0.250	ug/l	# 9
64) Tetrachloroethene	9.281	164	267	0.315	ug/l	# 55
76) 1,2,3-Trichloropropane	11.079	75	35292	27.803	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	35292	81.239	ug/l	# 15

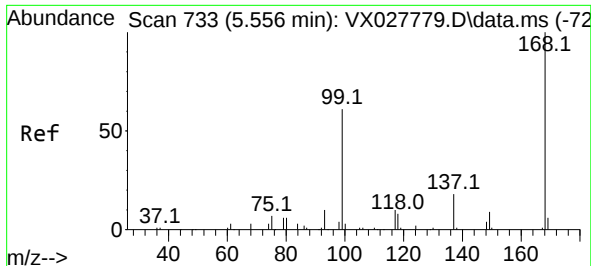
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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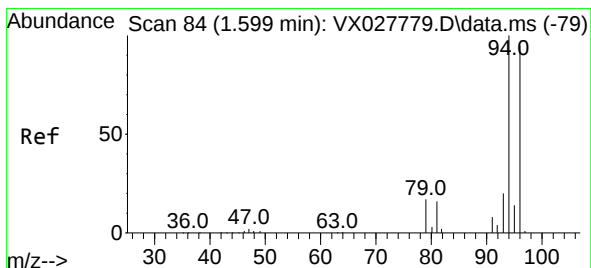
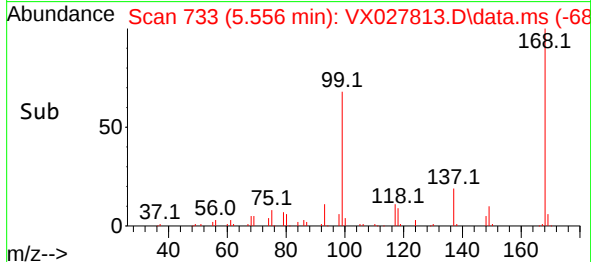
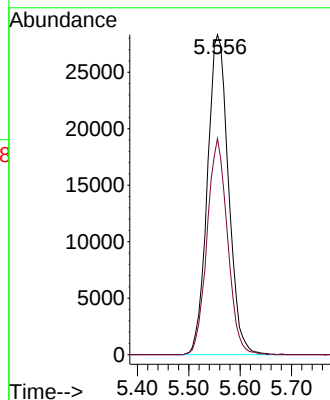
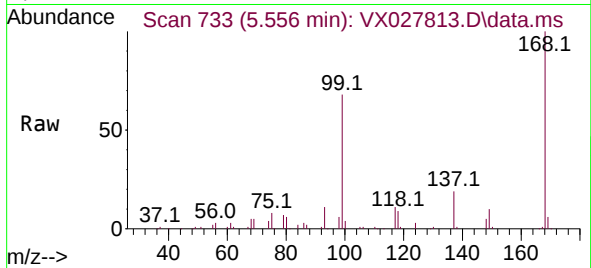




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027813.D
Acq: 30 Mar 2022 16:14

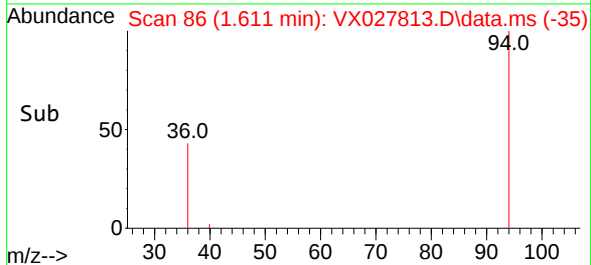
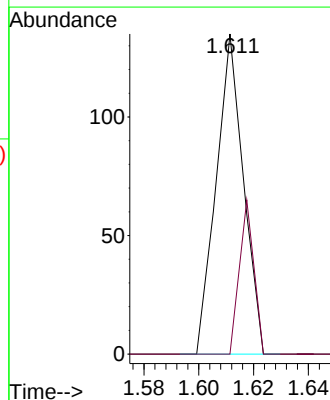
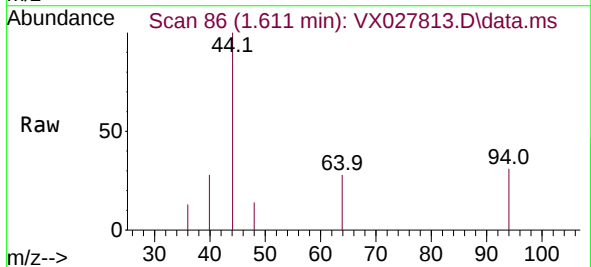
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20220321

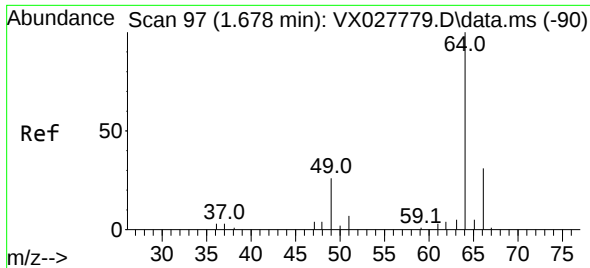
Tgt Ion:168 Resp: 80540
Ion Ratio Lower Upper
168 100
99 67.6 41.7 62.5#



#5
Bromomethane
Concen: 0.312 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX027813.D
Acq: 30 Mar 2022 16:14

Tgt Ion: 94 Resp: 93
Ion Ratio Lower Upper
94 100
96 0.0 75.3 112.9#

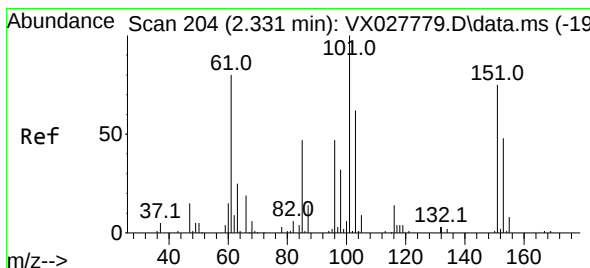
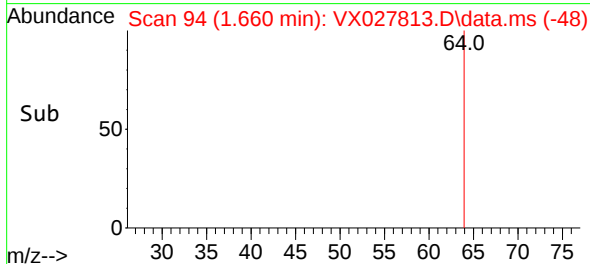
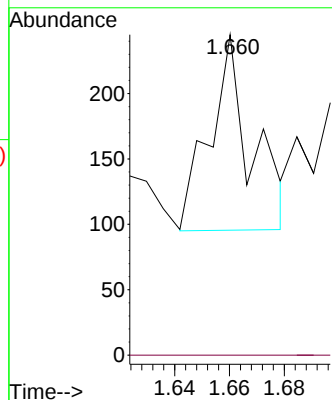
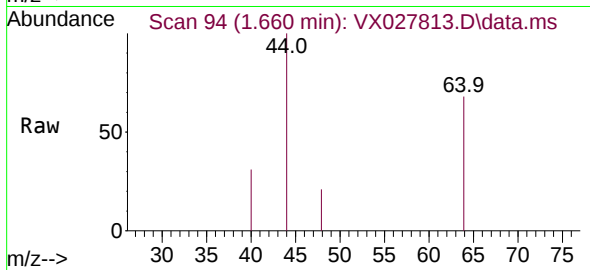




#6
Chloroethane
Concen: 0.354 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.018 min
Lab File: VX027813.D
Acq: 30 Mar 2022 16:14

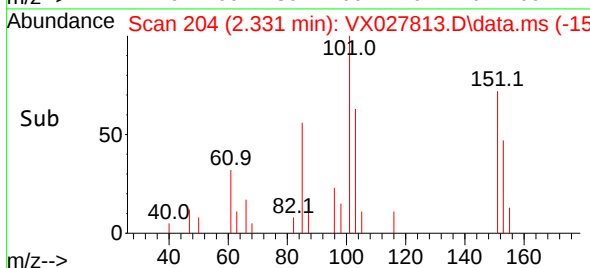
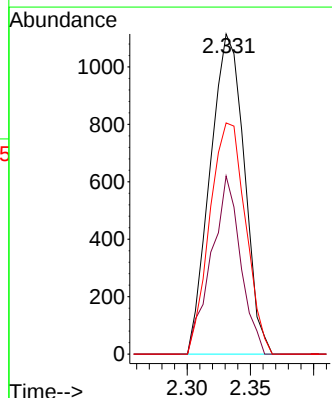
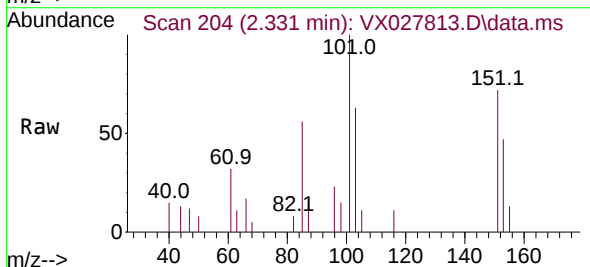
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20220321

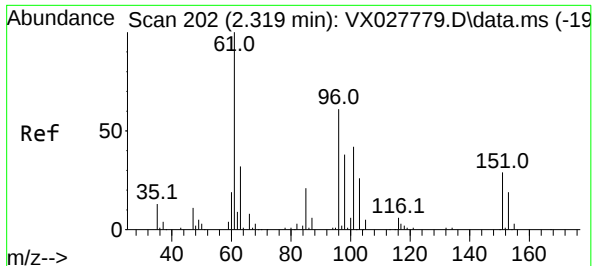
Tgt Ion: 64 Resp: 158
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.778 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX027813.D
Acq: 30 Mar 2022 16:14

Tgt Ion: 101 Resp: 2095
Ion Ratio Lower Upper
101 100
85 47.5 33.5 50.3
151 75.6 61.8 92.6





#12

1,1-Dichloroethene

Concen: 0.856 ug/l

RT: 2.319 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX027813.D

Acq: 30 Mar 2022 16:14

Instrument :

MSVOA_X

ClientSampleId :

TT101D2-20220321

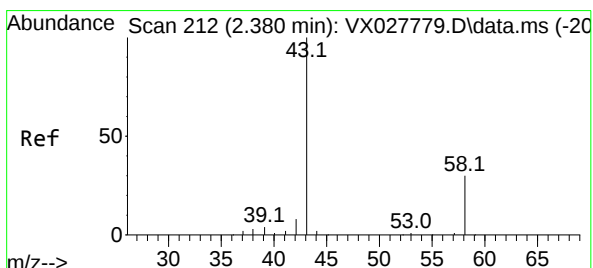
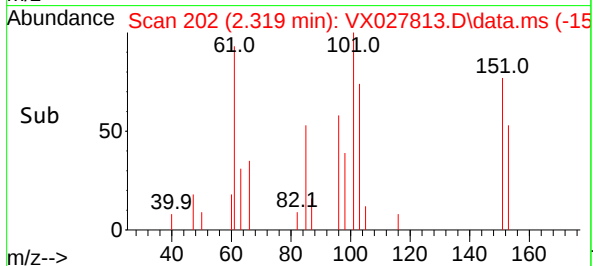
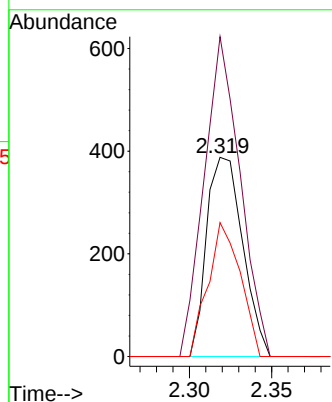
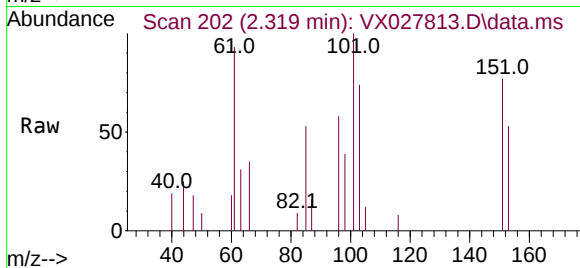
Tgt Ion: 96 Resp: 592

Ion Ratio Lower Upper

96 100

61 160.6 124.6 187.0

98 67.3 51.0 76.4



#16

Acetone

Concen: 0.548 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX027813.D

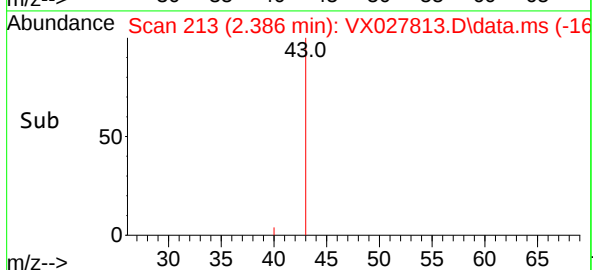
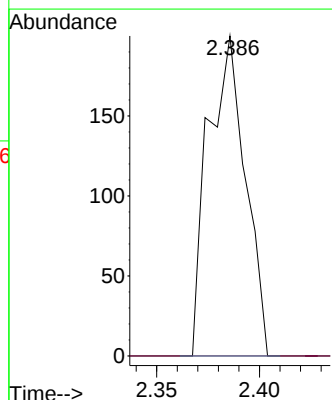
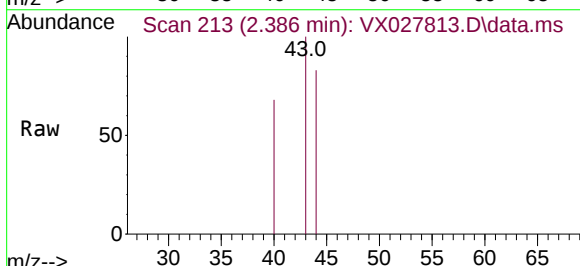
Acq: 30 Mar 2022 16:14

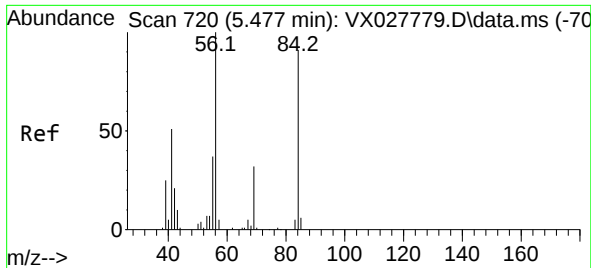
Tgt Ion: 43 Resp: 252

Ion Ratio Lower Upper

43 100

58 0.0 28.8 43.2#

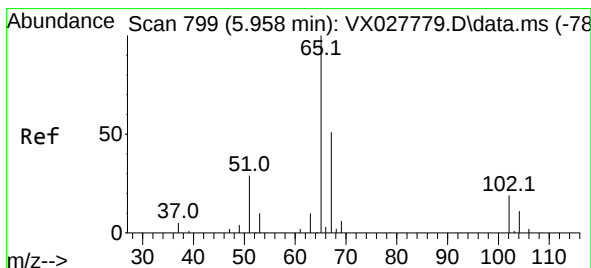
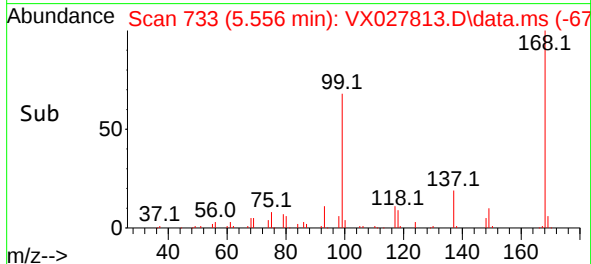
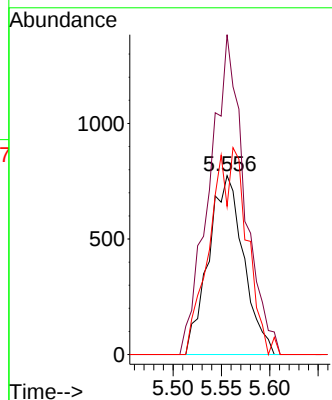
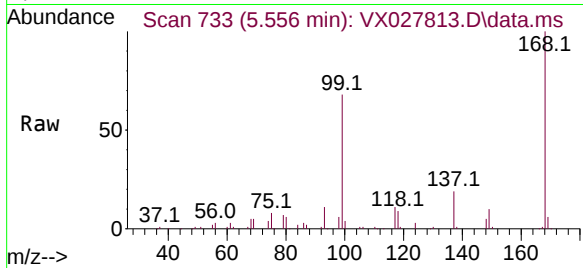




#31
Cyclohexane
Concen: 1.698 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.079 min
Lab File: VX027813.D
Acq: 30 Mar 2022 16:14

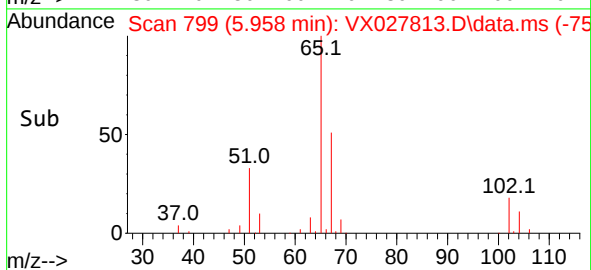
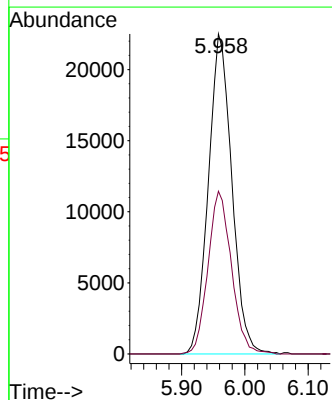
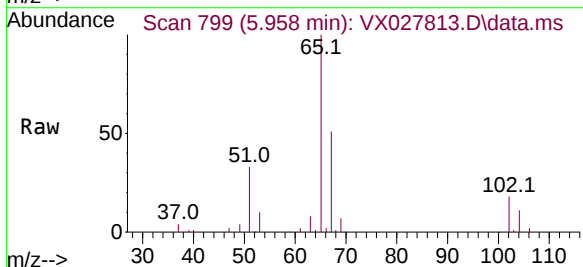
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20220321

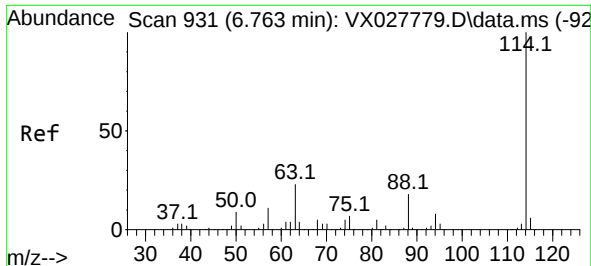
Tgt Ion: 56 Resp: 1950
Ion Ratio Lower Upper
56 100
69 178.8 26.7 40.1#
84 82.8 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 55.803 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027813.D
Acq: 30 Mar 2022 16:14

Tgt Ion: 65 Resp: 57990
Ion Ratio Lower Upper
65 100
67 50.8 0.0 107.4

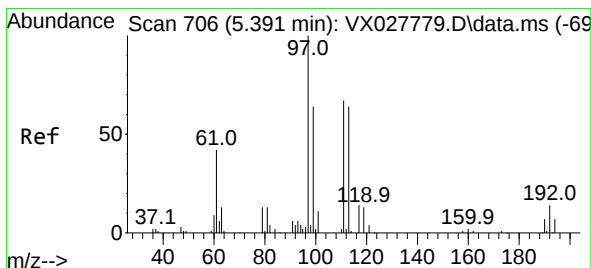
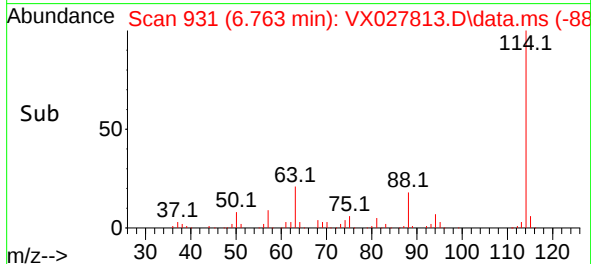
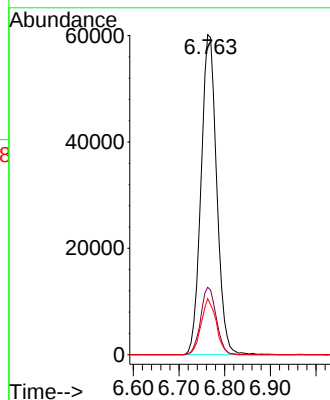
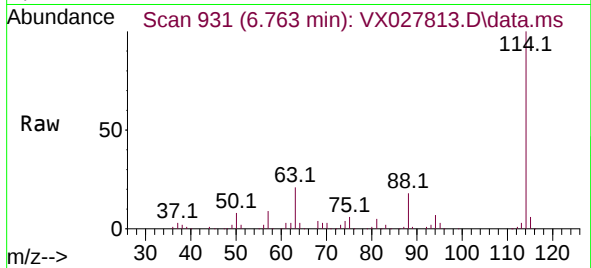




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX027813.D
Acq: 30 Mar 2022 16:14

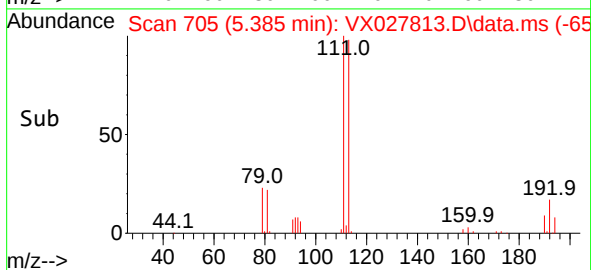
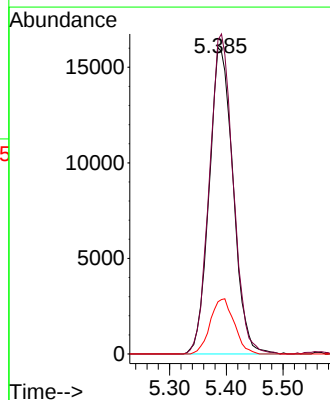
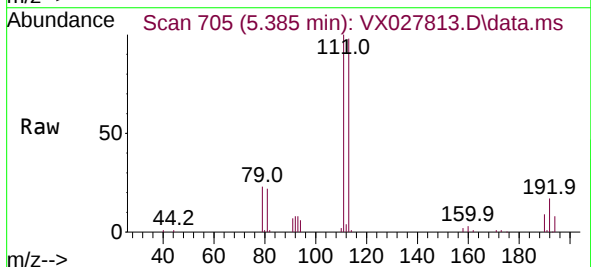
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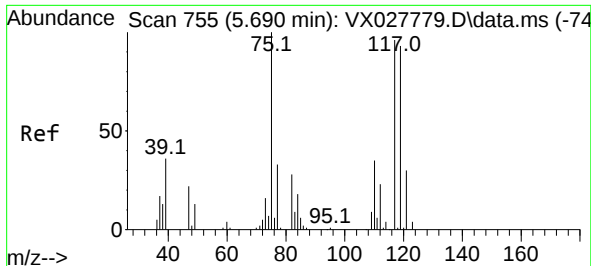
Tgt Ion:114 Resp: 143375
Ion Ratio Lower Upper
114 100
63 21.1 0.0 36.8
88 17.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.802 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX027813.D
Acq: 30 Mar 2022 16:14

Tgt Ion:113 Resp: 47015
Ion Ratio Lower Upper
113 100
111 103.5 82.8 124.2
192 18.0 16.9 25.3





#36

1,1-Dichloropropene

Concen: 5.777 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX027813.D

Acq: 30 Mar 2022 16:14

Instrument :

MSVOA_X

ClientSampleId :

TT101D2-20220321

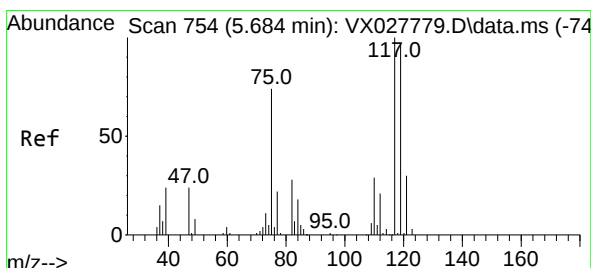
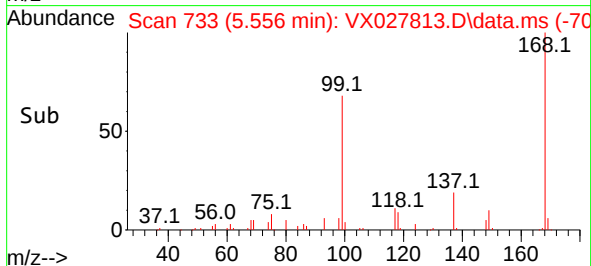
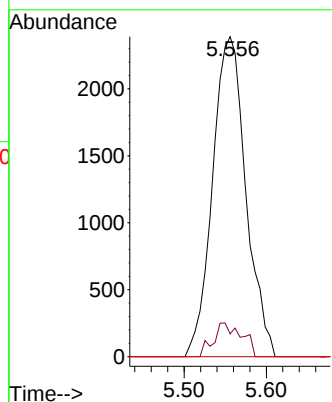
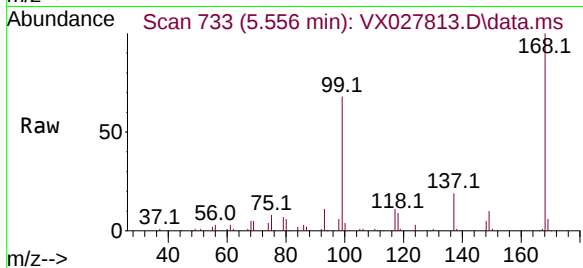
Tgt Ion: 75 Resp: 6734

Ion Ratio Lower Upper

75 100

110 9.0 18.3 54.8#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.759 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX027813.D

Acq: 30 Mar 2022 16:14

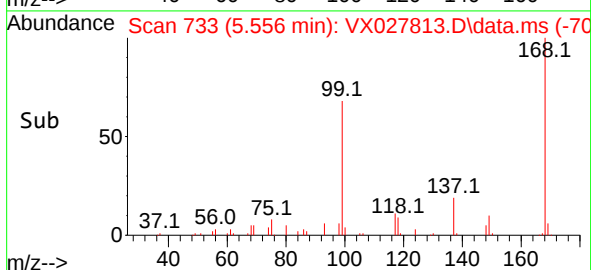
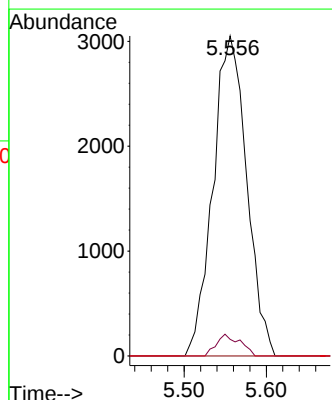
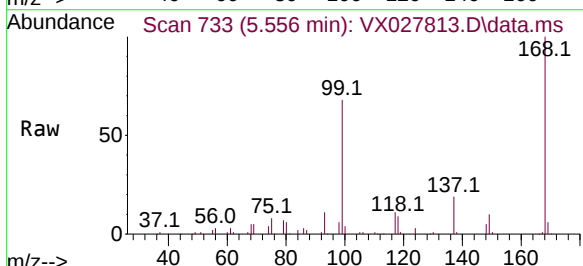
Tgt Ion: 117 Resp: 8704

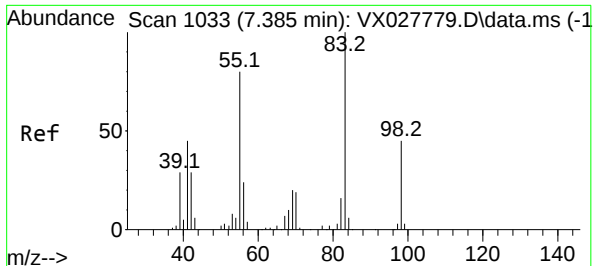
Ion Ratio Lower Upper

117 100

119 5.2 77.3 115.9#

121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 1.058 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.256 min

Lab File: VX027813.D

Acq: 30 Mar 2022 16:14

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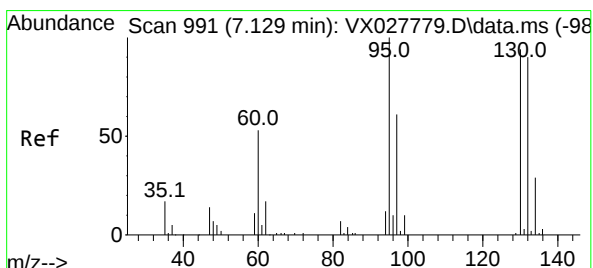
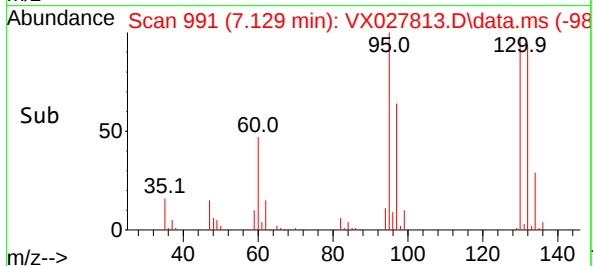
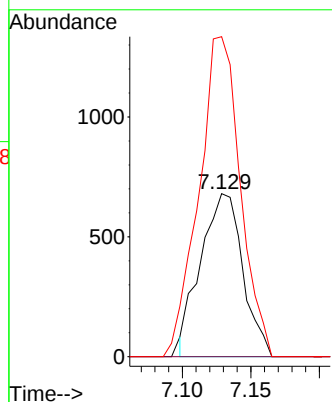
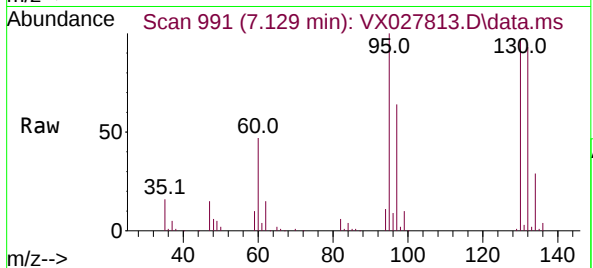
Tgt Ion: 83 Resp: 1451

Ion Ratio Lower Upper

83 100

55 0.0 54.6 81.8#

98 196.3 37.4 56.2#



#44

Trichloroethene

Concen: 118.795 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX027813.D

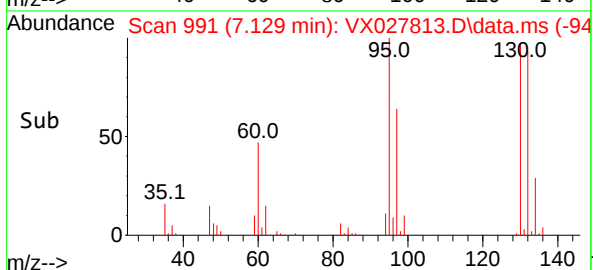
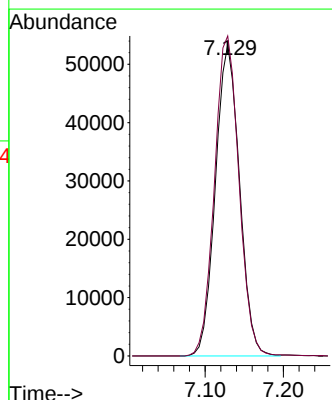
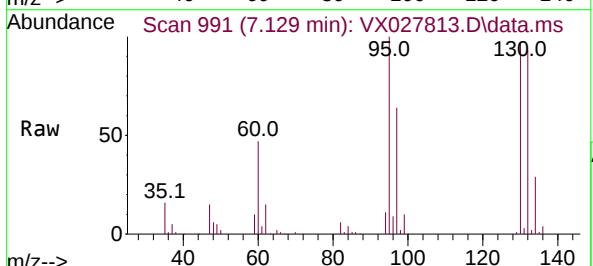
Acq: 30 Mar 2022 16:14

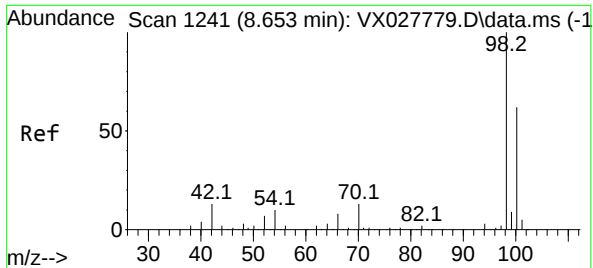
Tgt Ion:130 Resp: 114038

Ion Ratio Lower Upper

130 100

95 102.8 0.0 188.8

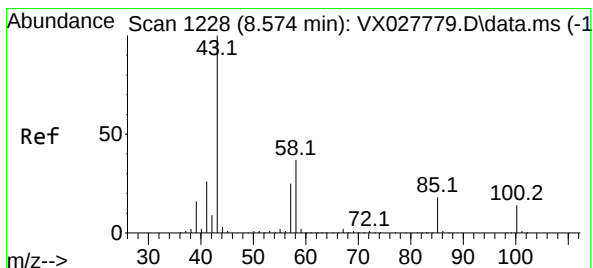
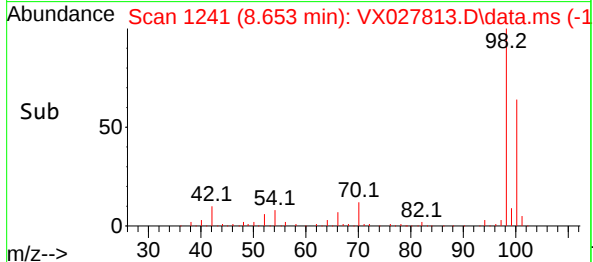
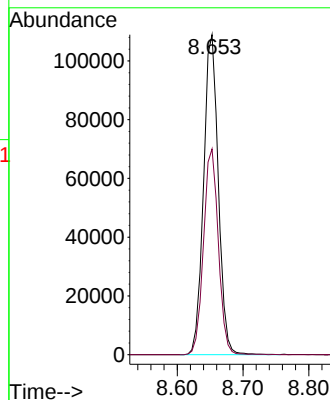
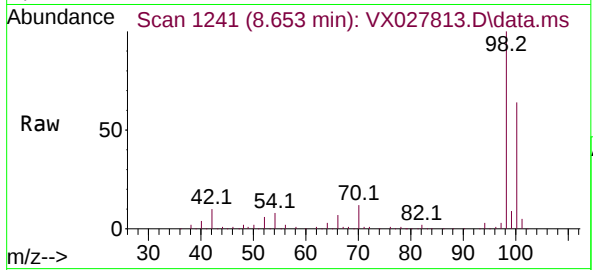




#50
Toluene-d8
Concen: 52.060 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027813.D
Acq: 30 Mar 2022 16:14

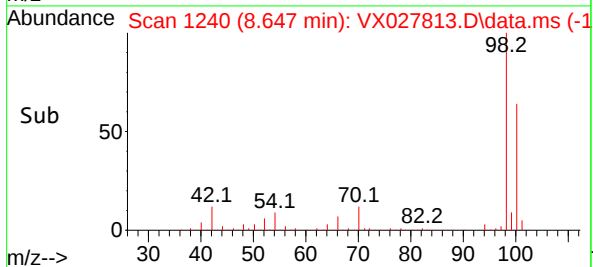
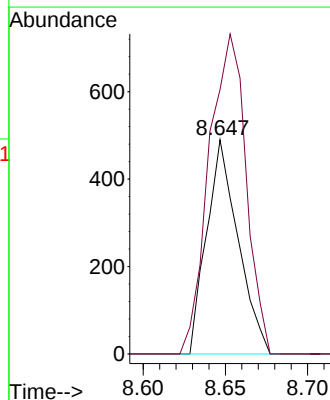
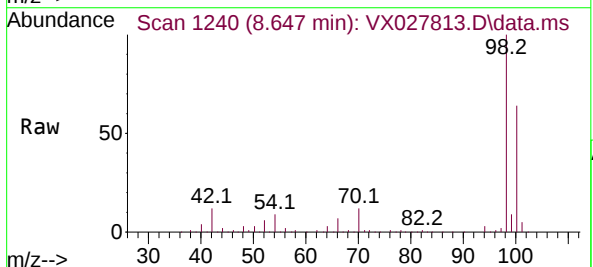
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20220321

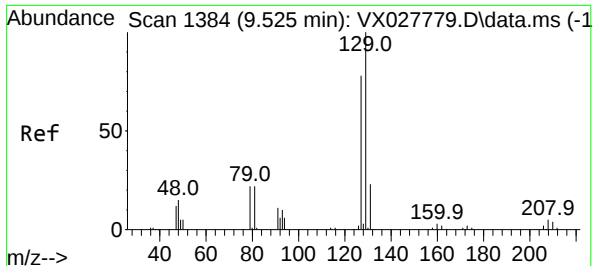
Tgt Ion: 98 Resp: 169515
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.405 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX027813.D
Acq: 30 Mar 2022 16:14

Tgt Ion: 43 Resp: 651
Ion Ratio Lower Upper
43 100
58 175.7 36.1 54.1#

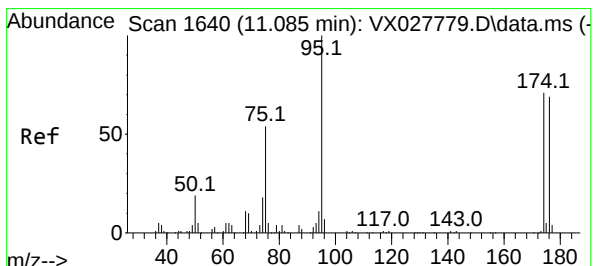
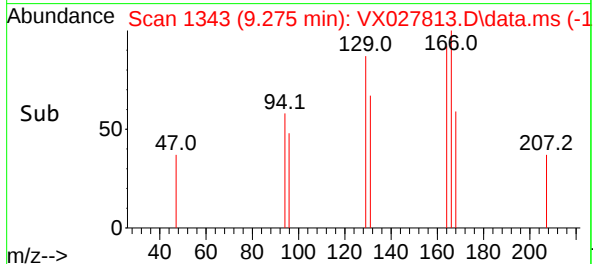
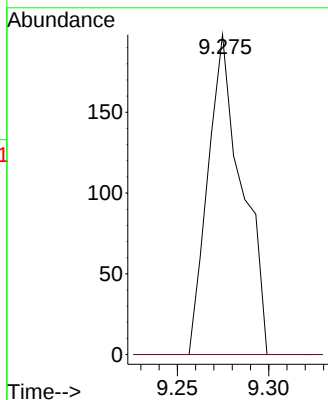
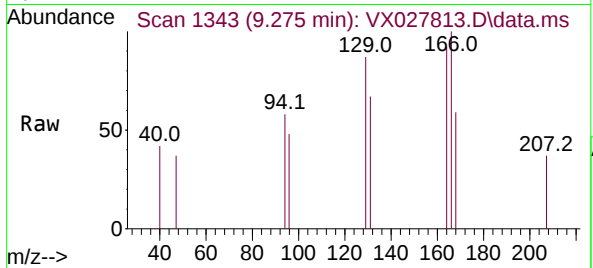




#60
Dibromochloromethane
Concen: 0.250 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX027813.D
Acq: 30 Mar 2022 16:14

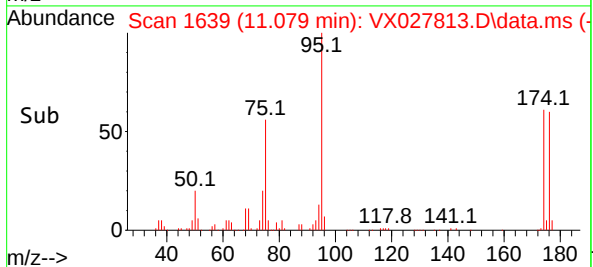
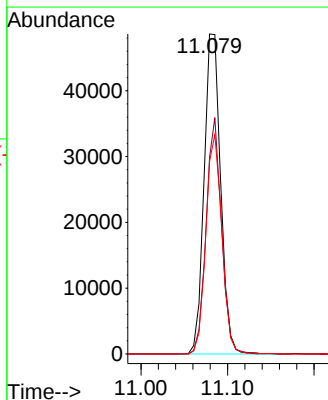
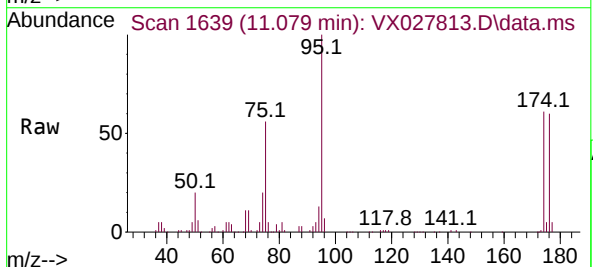
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20220321

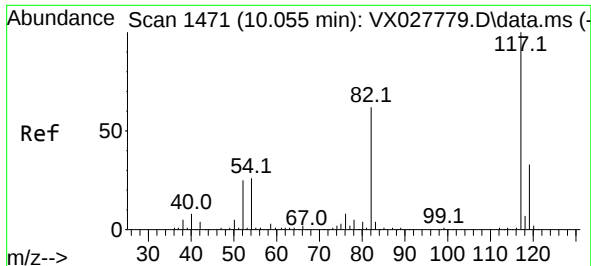
Tgt Ion:129 Resp: 256
Ion Ratio Lower Upper
129 100
127 0.0 40.3 120.8#



#62
4-Bromofluorobenzene
Concen: 46.652 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027813.D
Acq: 30 Mar 2022 16:14

Tgt Ion: 95 Resp: 64554
Ion Ratio Lower Upper
95 100
174 68.4 0.0 163.0
176 66.4 0.0 155.0

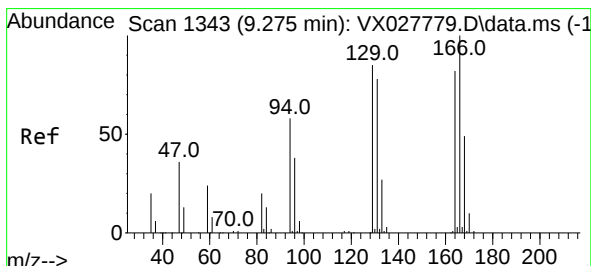
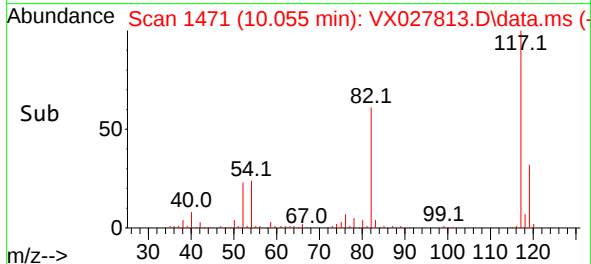
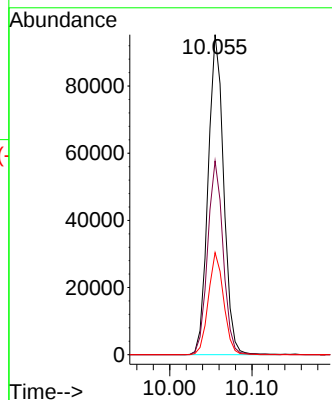
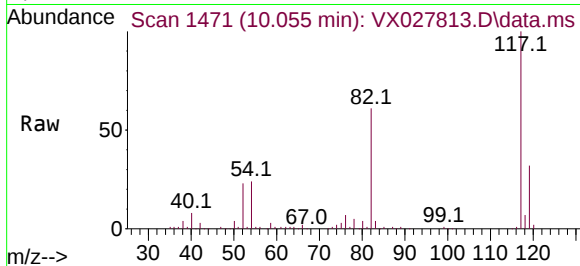




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027813.D
Acq: 30 Mar 2022 16:14

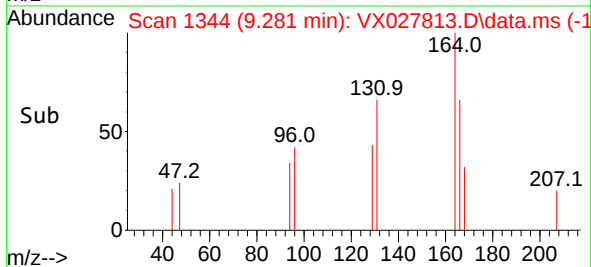
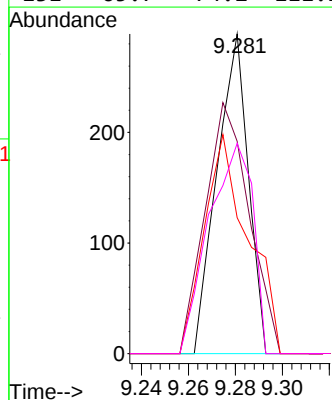
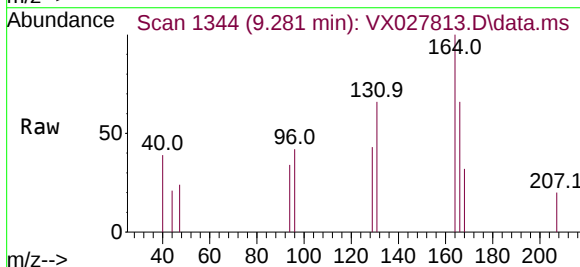
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20220321

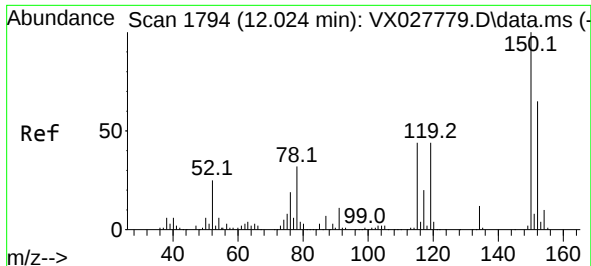
Tgt Ion:117 Resp: 125194
Ion Ratio Lower Upper
117 100
82 60.5 41.8 62.8
119 31.9 24.8 37.2



#64
Tetrachloroethene
Concen: 0.315 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX027813.D
Acq: 30 Mar 2022 16:14

Tgt Ion:164 Resp: 267
Ion Ratio Lower Upper
164 100
166 66.4 101.2 151.8#
129 42.6 73.0 109.4#
131 65.7 74.2 111.2#

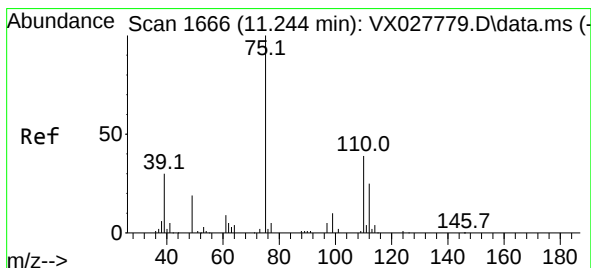
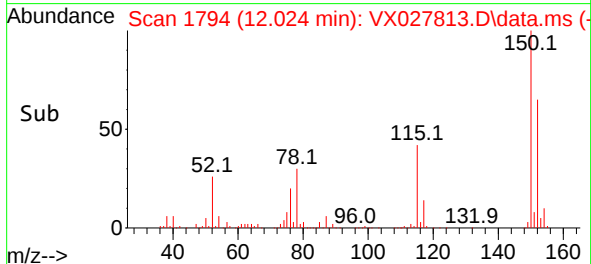
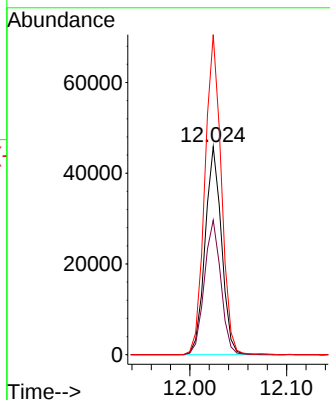
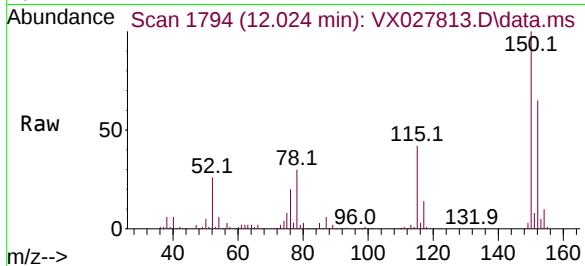




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027813.D
 Acq: 30 Mar 2022 16:14

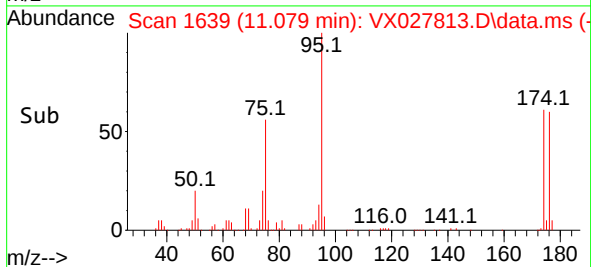
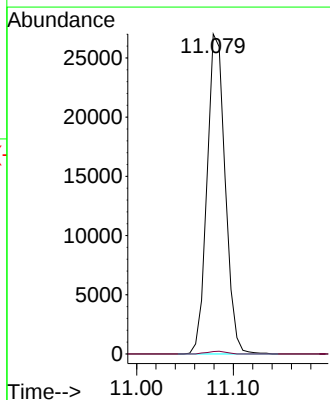
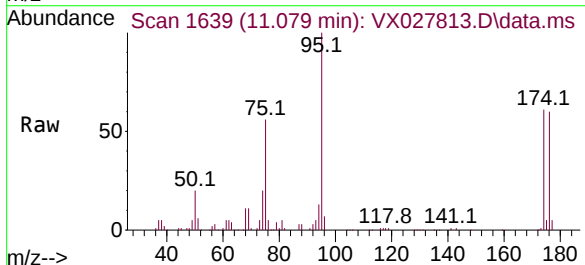
Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D2-20220321

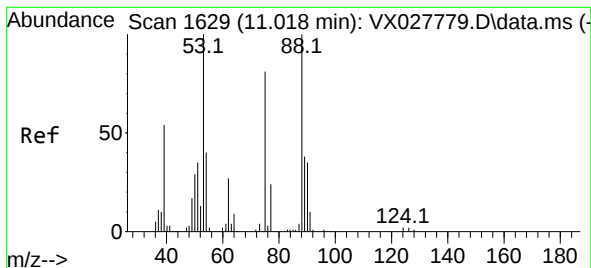
Tgt Ion:152 Resp: 54112
 Ion Ratio Lower Upper
 152 100
 115 65.0 37.5 112.7
 150 154.0 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 27.803 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX027813.D
 Acq: 30 Mar 2022 16:14

Tgt Ion: 75 Resp: 35292
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.239 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX027813.D
 Acq: 30 Mar 2022 16:14

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D2-20220321

Tgt Ion: 75 Resp: 35292
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

