

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072122\
 Data File : VX030169.D
 Acq On : 21 Jul 2022 18:03
 Operator : JC/MD
 Sample : N3765-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-07182022

Quant Time: Jul 22 04:59:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	172590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	307103	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	269133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113086	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	112177	53.399	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.800%	
35) Dibromofluoromethane	5.397	113	92690	47.245	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.500%	
50) Toluene-d8	8.653	98	362782	49.167	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.340%	
62) 4-Bromofluorobenzene	11.085	95	120848	47.196	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.400%	

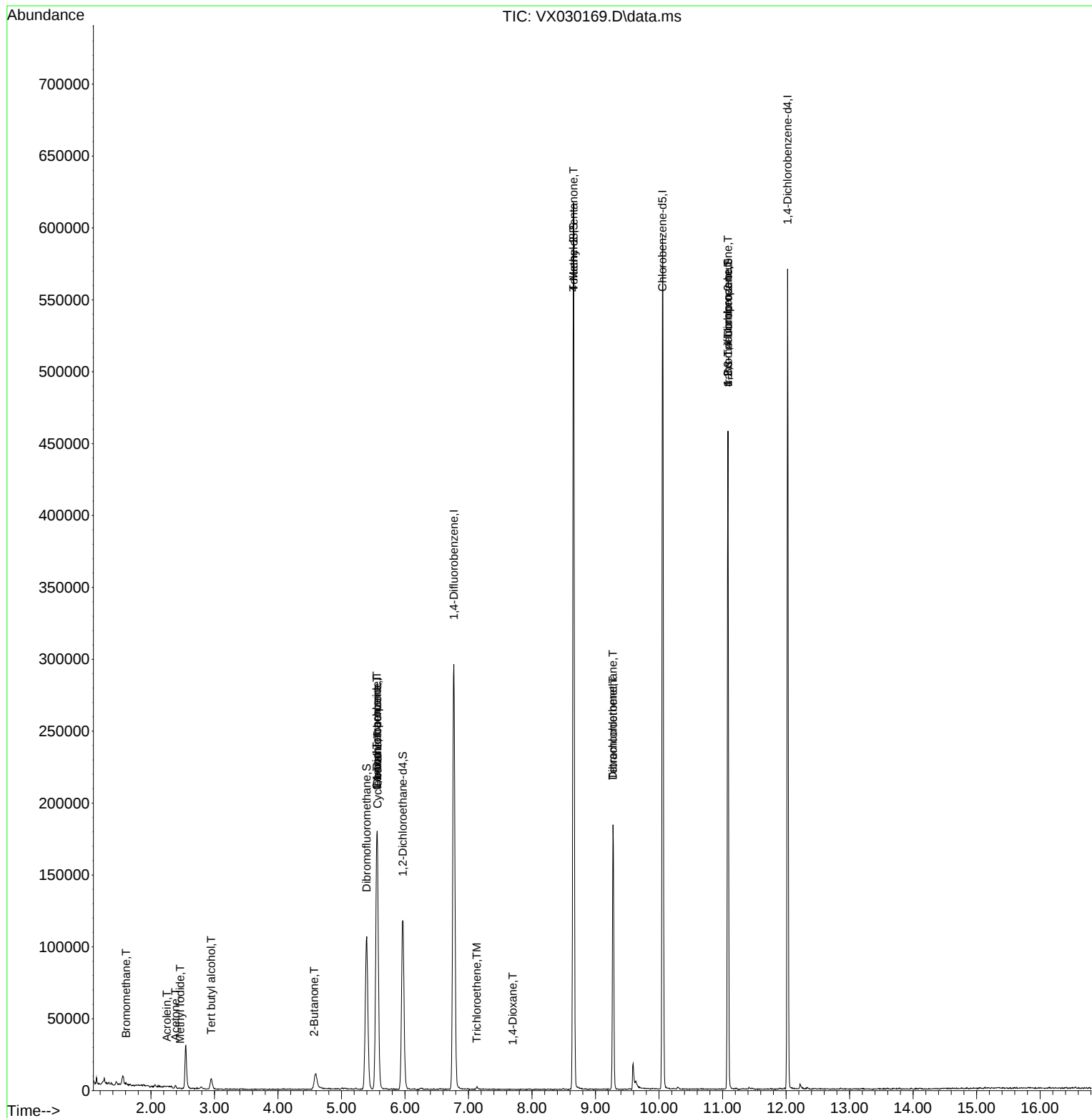
Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.172	85	88	Below Cal	#	42
5) Bromomethane	1.605	94	264	0.311	ug/l	82
10) Methyl Iodide	2.459	142	392	2.624	ug/l	# 79
11) Tert butyl alcohol	2.946	59	4366	8.053	ug/l	# 79
13) Acrolein	2.251	56	39	0.361	ug/l	86
16) Acetone	2.386	43	2344	2.368	ug/l	98
17) Carbon Disulfide	2.520	76	608	Below Cal	#	74
20) Methylene Chloride	2.788	84	638	Below Cal	#	72
25) 2-Butanone	4.568	43	413	0.245	ug/l	# 48
31) Cyclohexane	5.568	56	3761	1.235	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	14609	5.765	ug/l	# 47
38) Carbon Tetrachloride	5.556	117	17574	7.437	ug/l	# 18
44) Trichloroethene	7.129	130	541	0.232	ug/l	45
49) 1,4-Dioxane	7.696	88	29	0.494	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.653	43	1735	0.535	ug/l	# 1
60) Dibromochloromethane	9.275	129	32987	16.211	ug/l	# 11
64) Tetrachloroethene	9.275	164	33125	15.333	ug/l	96
76) 1,2,3-Trichloropropane	11.085	75	59514	22.889	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	59514	66.058	ug/l	# 13

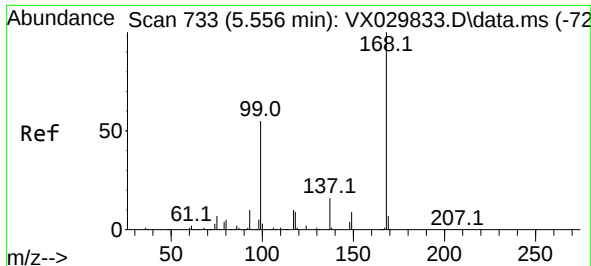
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
TB-07182022

Quant Time: Jul 22 04:59:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 13 09:05:23 2022
Response via : Initial Calibration

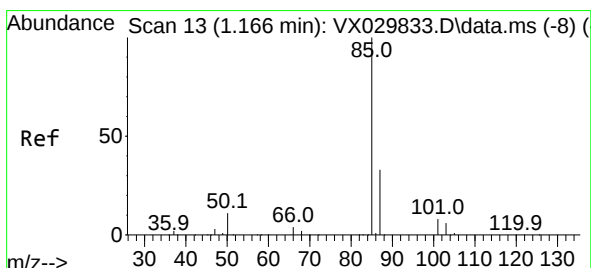
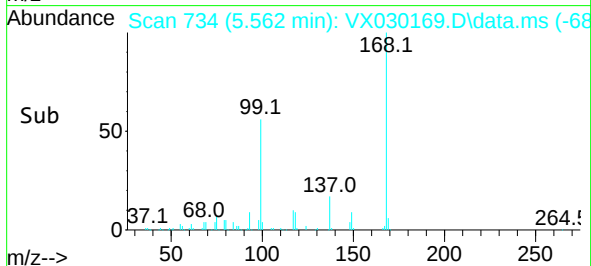
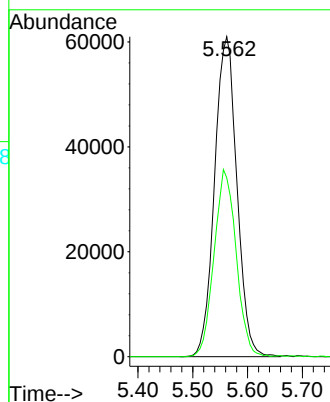
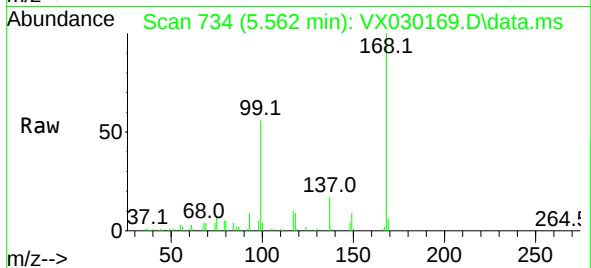




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030169.D
Acq: 21 Jul 2022 18:03

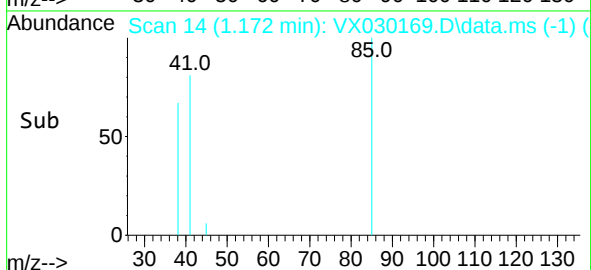
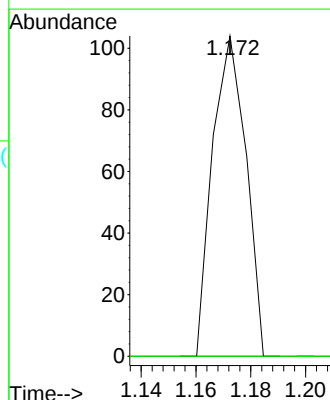
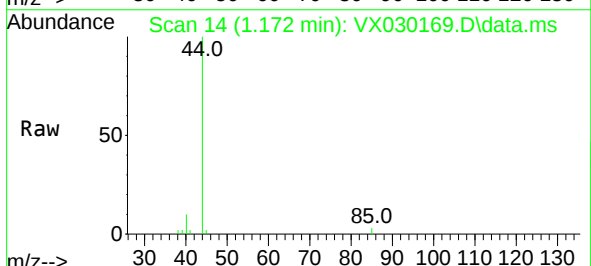
Instrument :
MSVOA_X
ClientSampleId :
TB-07182022

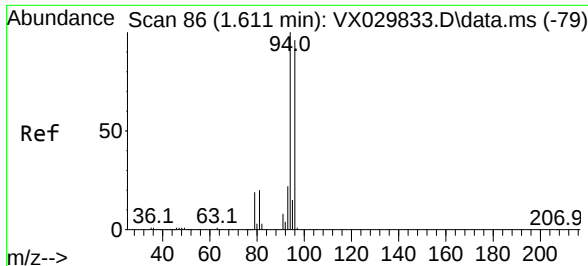
Tgt Ion:168 Resp: 172590
Ion Ratio Lower Upper
168 100
99 55.9 44.0 66.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.172 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX030169.D
Acq: 21 Jul 2022 18:03

Tgt Ion: 85 Resp: 88
Ion Ratio Lower Upper
85 100
87 0.0 16.5 49.5

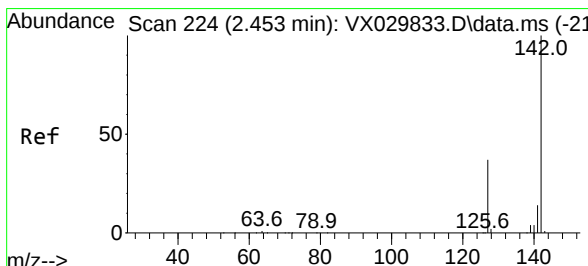
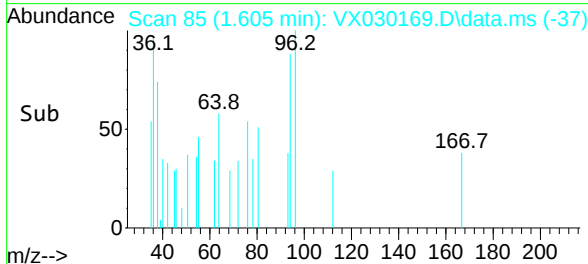
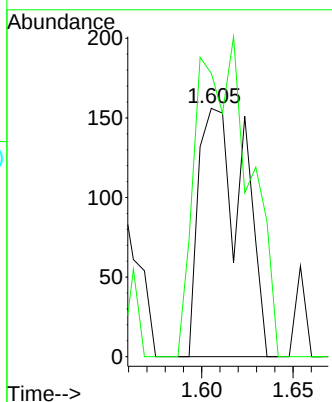
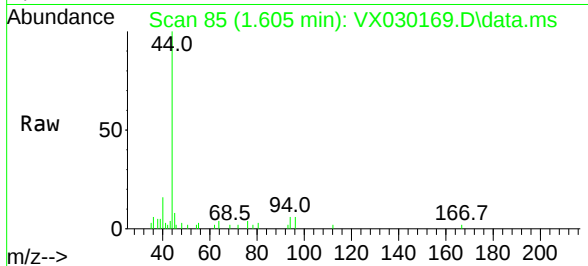




#5
Bromomethane
Concen: 0.311 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX030169.D
Acq: 21 Jul 2022 18:03

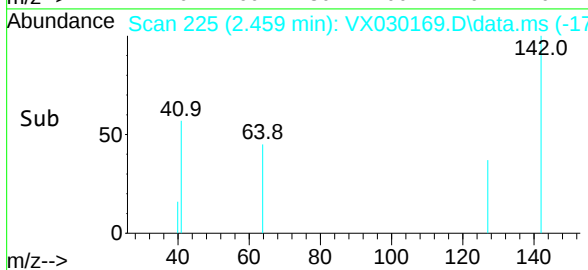
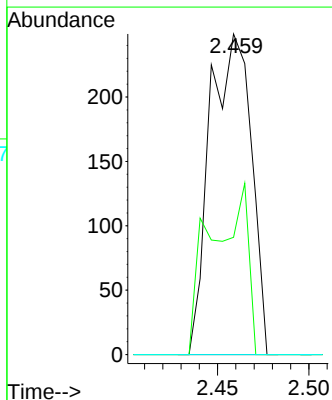
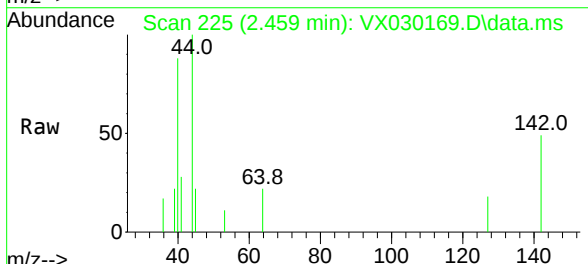
Instrument :
MSVOA_X
ClientSampleId :
TB-07182022

Tgt Ion: 94 Resp: 264
Ion Ratio Lower Upper
94 100
96 114.1 76.9 115.3



#10
Methyl Iodide
Concen: 2.624 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX030169.D
Acq: 21 Jul 2022 18:03

Tgt Ion: 142 Resp: 392
Ion Ratio Lower Upper
142 100
127 47.2 30.2 45.2#
141 0.0 11.3 16.9#

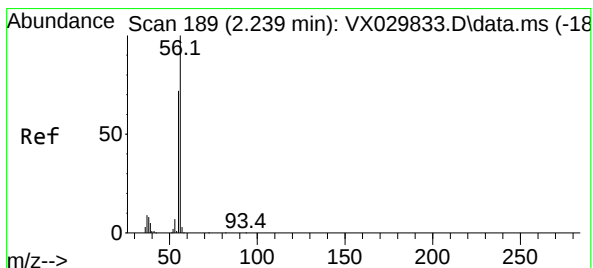
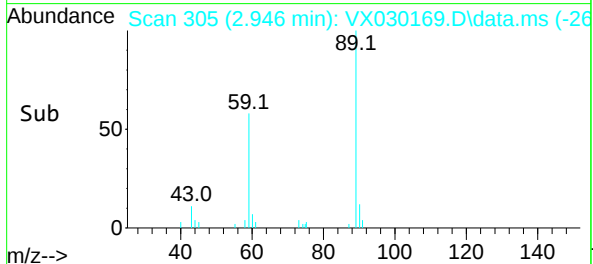
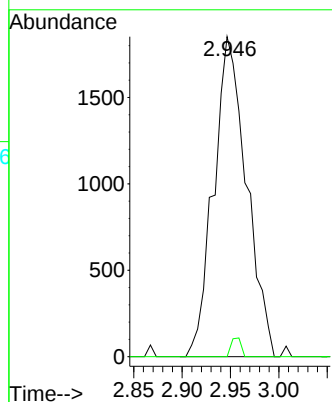
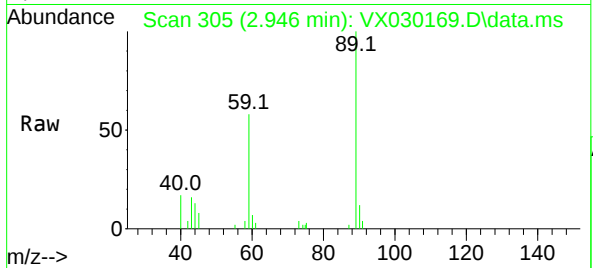




#11
Tert butyl alcohol
Concen: 8.053 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX030169.D
Acq: 21 Jul 2022 18:03

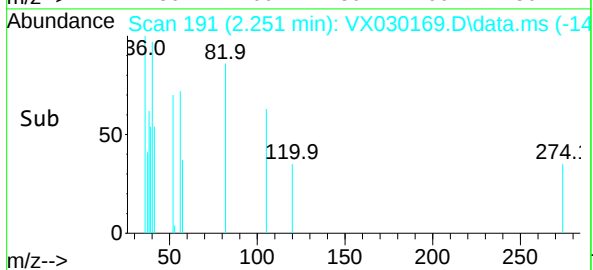
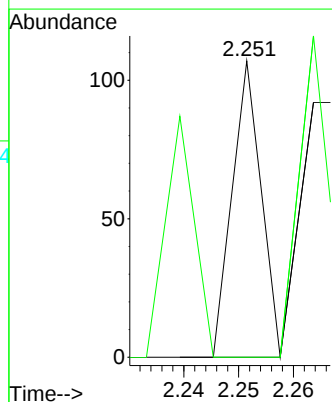
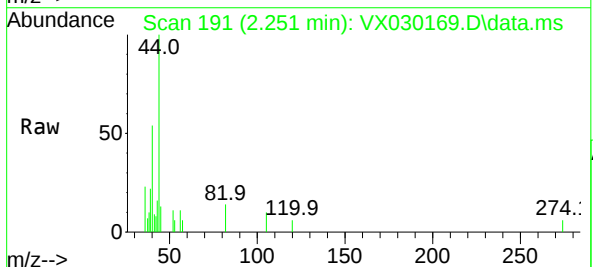
Instrument :
MSVOA_X
ClientSampleId :
TB-07182022

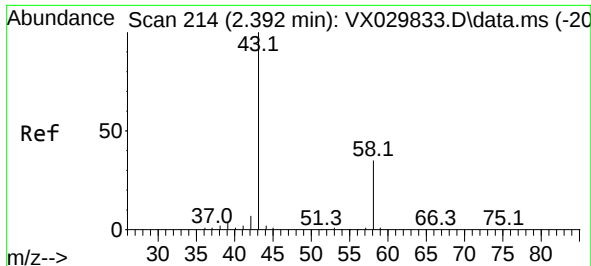
Tgt Ion: 59 Resp: 4366
Ion Ratio Lower Upper
59 100
57 1.8 7.4 11.2#



#13
Acrolein
Concen: 0.361 ug/l
RT: 2.251 min Scan# 191
Delta R.T. 0.012 min
Lab File: VX030169.D
Acq: 21 Jul 2022 18:03

Tgt Ion: 56 Resp: 39
Ion Ratio Lower Upper
56 100
55 82.1 56.6 84.8

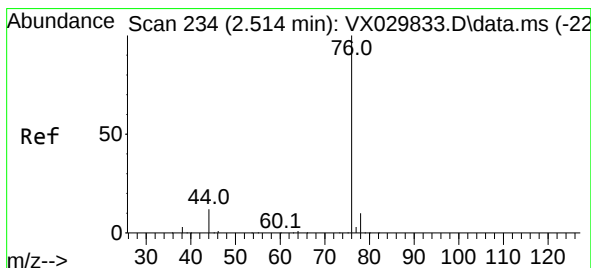
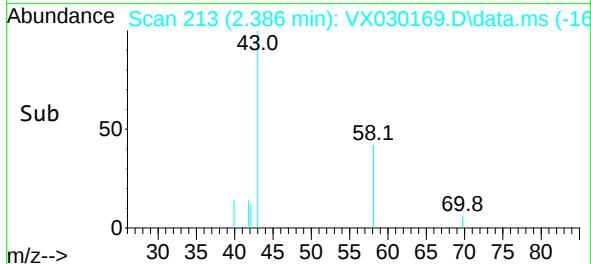
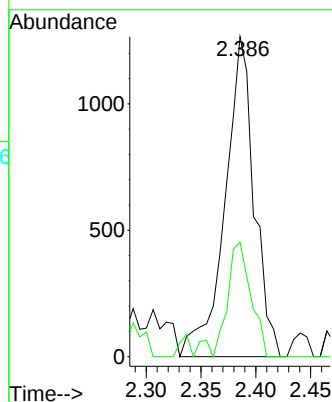
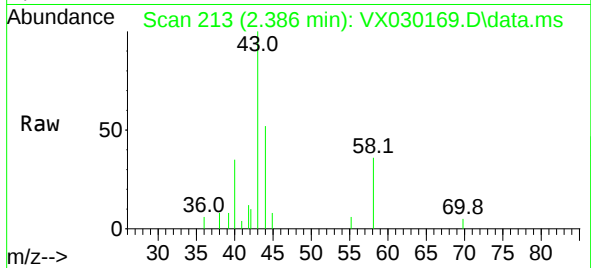




#16
Acetone
Concen: 2.368 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX030169.D
Acq: 21 Jul 2022 18:03

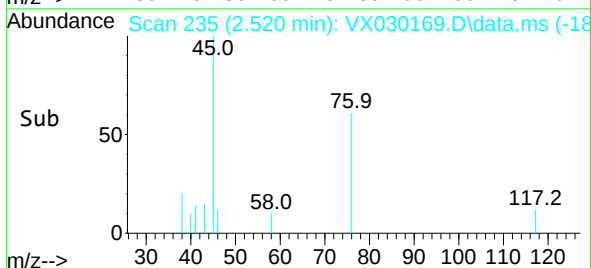
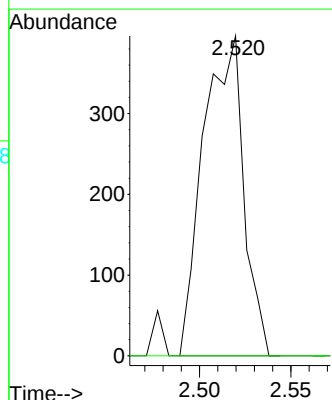
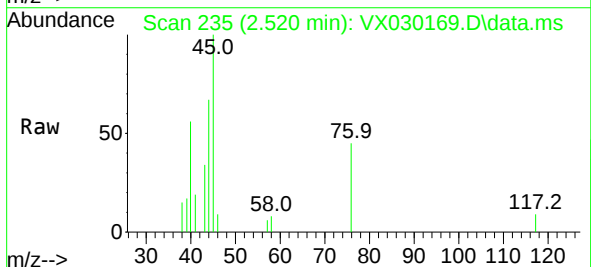
Instrument :
MSVOA_X
ClientSampleId :
TB-07182022

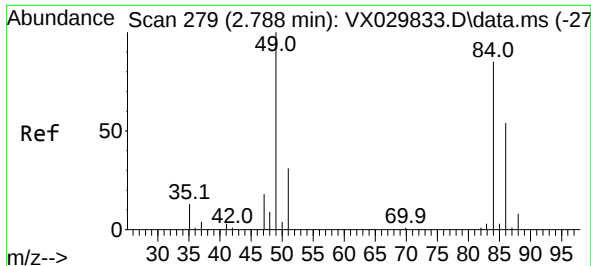
Tgt Ion: 43 Resp: 2344
Ion Ratio Lower Upper
43 100
58 35.8 27.7 41.5



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX030169.D
Acq: 21 Jul 2022 18:03

Tgt Ion: 76 Resp: 608
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX030169.D

Acq: 21 Jul 2022 18:03

Instrument :

MSVOA_X

ClientSampleId :

TB-07182022

Tgt Ion: 84 Resp: 638

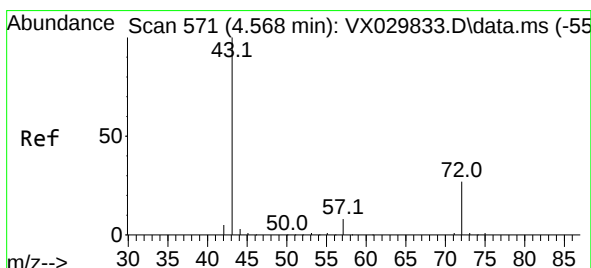
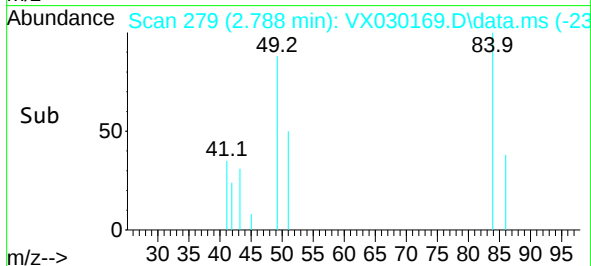
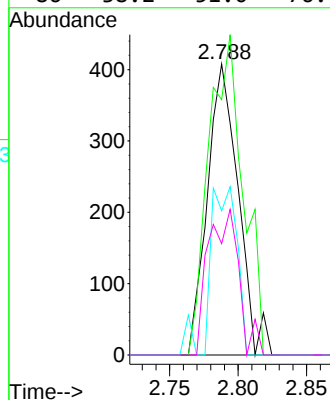
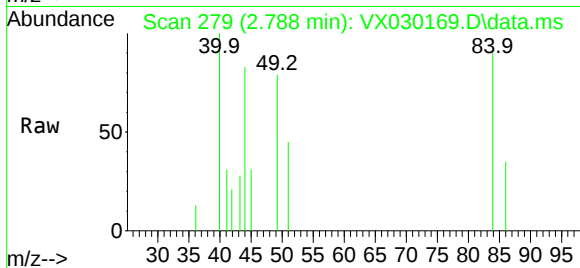
Ion Ratio Lower Upper

84 100

49 87.7 93.8 140.6#

51 49.5 29.4 44.0#

86 38.2 51.0 76.4#



#25

2-Butanone

Concen: 0.245 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.000 min

Lab File: VX030169.D

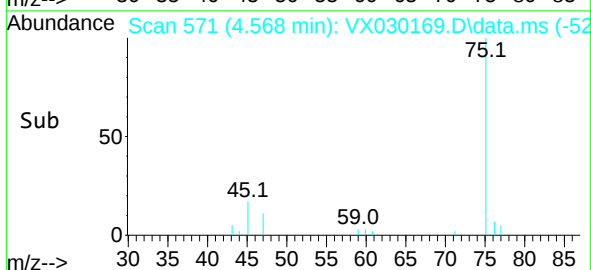
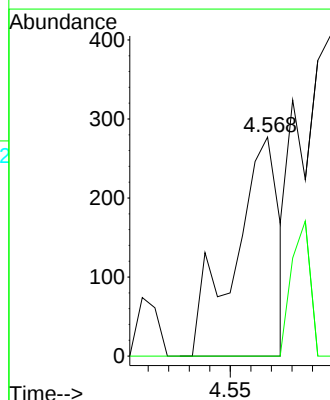
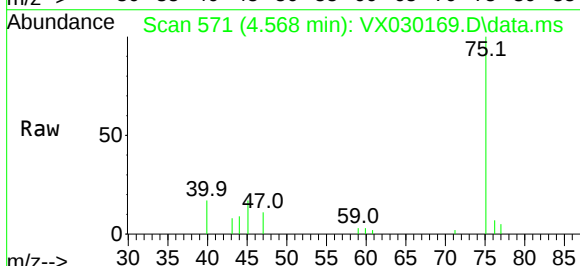
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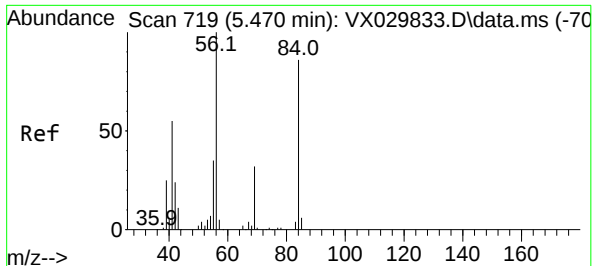
Tgt Ion: 43 Resp: 413

Ion Ratio Lower Upper

43 100

72 0.0 21.7 32.5#

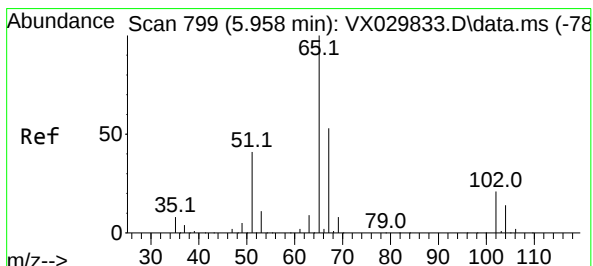
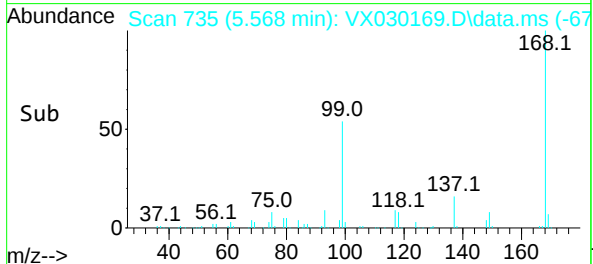
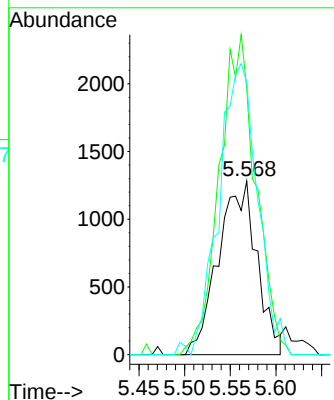
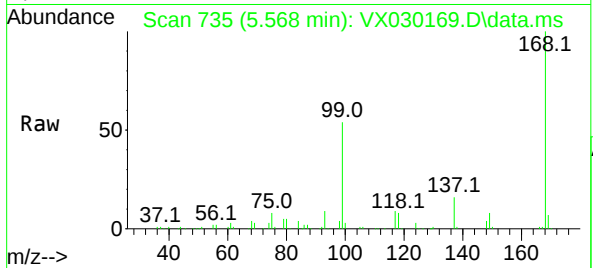




#31
Cyclohexane
Concen: 1.235 ug/l
RT: 5.568 min Scan# 719
Delta R.T. 0.098 min
Lab File: VX030169.D
Acq: 21 Jul 2022 18:03

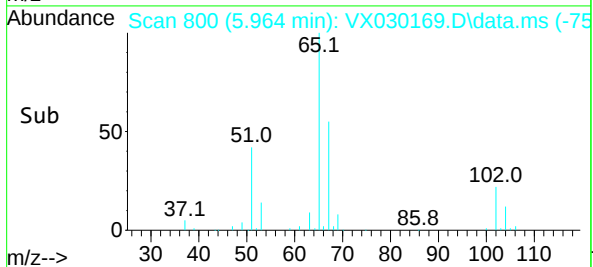
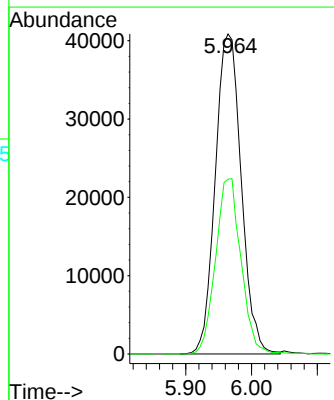
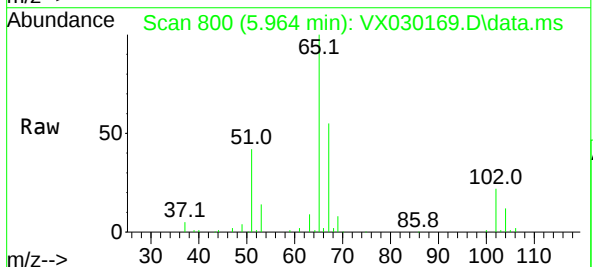
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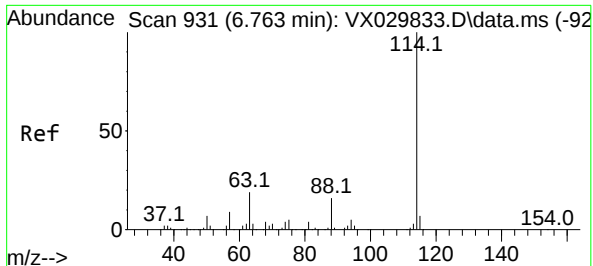
Tgt Ion: 56 Resp: 3761
Ion Ratio Lower Upper
56 100
69 153.4 25.4 38.0#
84 149.8 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 53.399 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX030169.D
Acq: 21 Jul 2022 18:03

Tgt Ion: 65 Resp: 112177
Ion Ratio Lower Upper
65 100
67 53.7 0.0 109.6

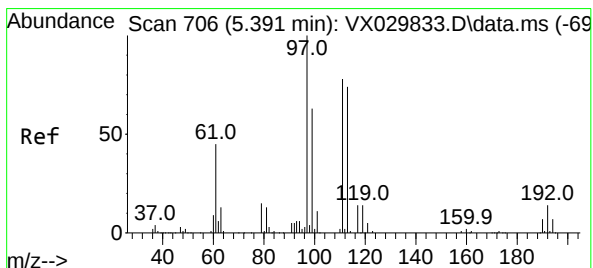
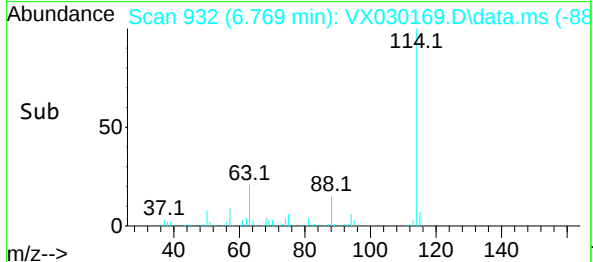
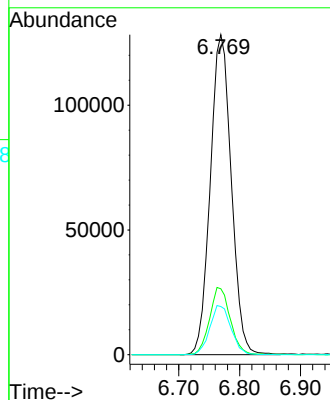
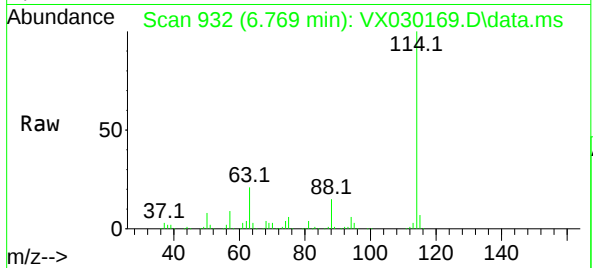




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX030169.D
Acq: 21 Jul 2022 18:03

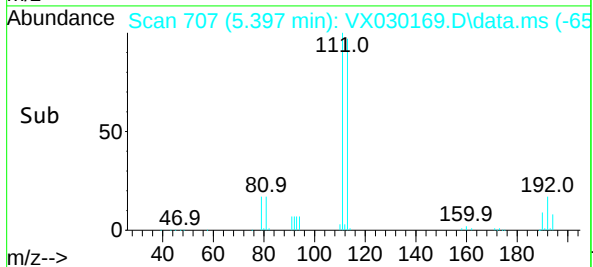
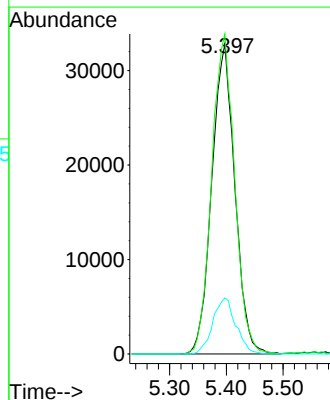
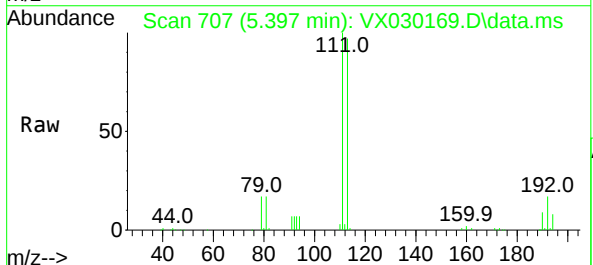
Instrument :
MSVOA_X
ClientSampleId :
TB-07182022

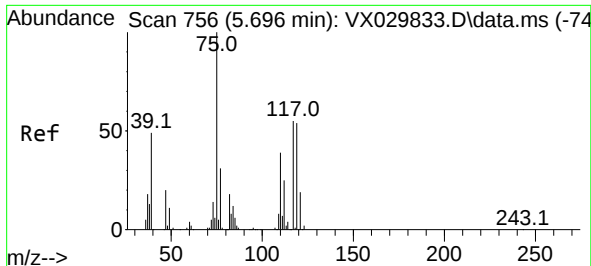
Tgt Ion:114 Resp: 307103
Ion Ratio Lower Upper
114 100
63 20.6 0.0 38.4
88 15.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.245 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX030169.D
Acq: 21 Jul 2022 18:03

Tgt Ion:113 Resp: 92690
Ion Ratio Lower Upper
113 100
111 103.1 83.2 124.8
192 18.1 14.8 22.2

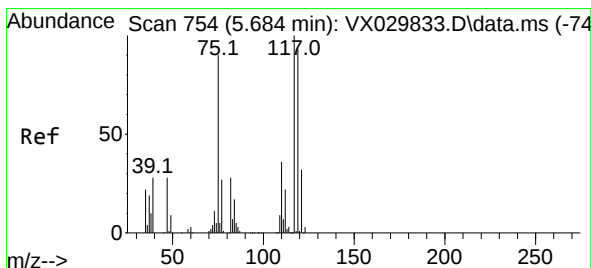
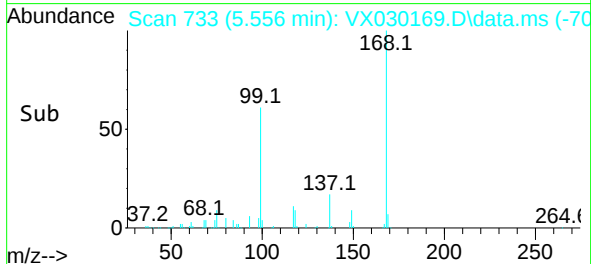
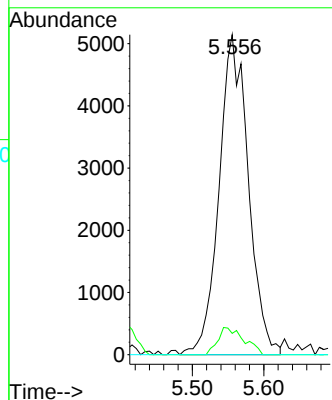
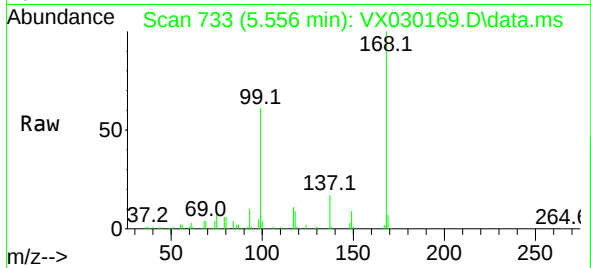




#36
 1,1-Dichloropropene
 Concen: 5.765 ug/l
 RT: 5.556 min Scan# 711
 Delta R.T. -0.140 min
 Lab File: VX030169.D
 Acq: 21 Jul 2022 18:03

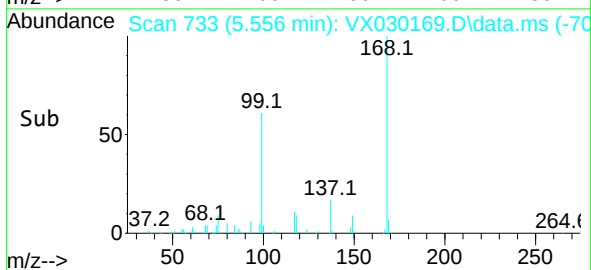
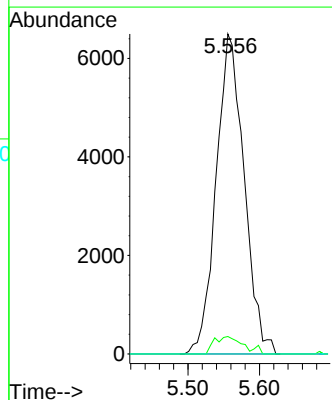
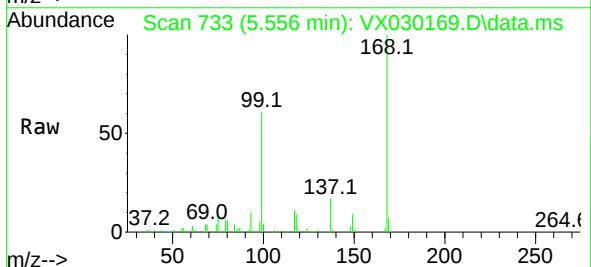
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-07182022

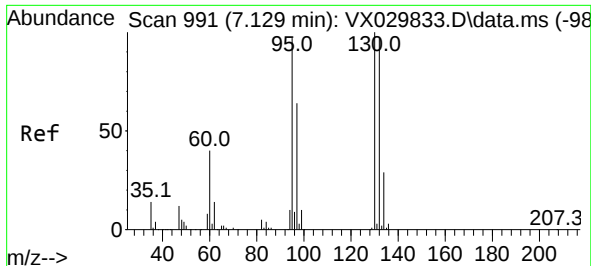
Tgt Ion: 75 Resp: 14609
 Ion Ratio Lower Upper
 75 100
 110 7.6 19.3 57.9#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 7.437 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.128 min
 Lab File: VX030169.D
 Acq: 21 Jul 2022 18:03

Tgt Ion: 117 Resp: 17574
 Ion Ratio Lower Upper
 117 100
 119 5.4 74.1 111.1#
 121 0.0 25.8 38.8#

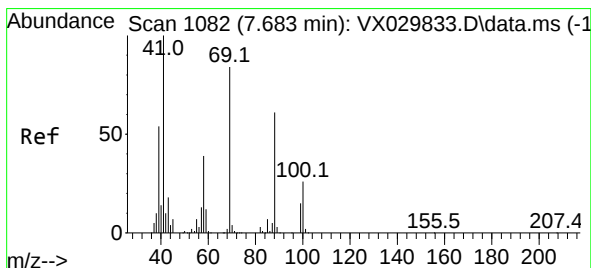
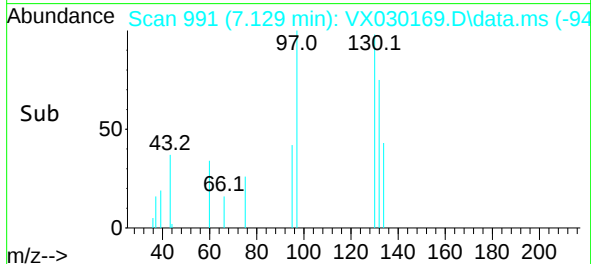
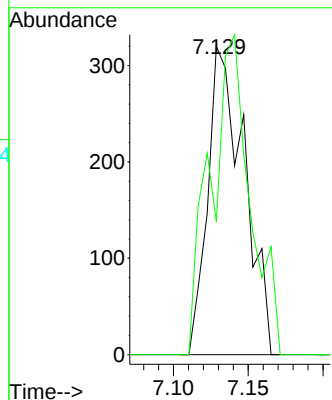
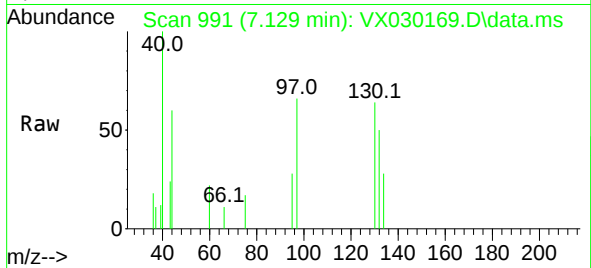




#44
 Trichloroethene
 Concen: 0.232 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. -0.000 min
 Lab File: VX030169.D
 Acq: 21 Jul 2022 18:03

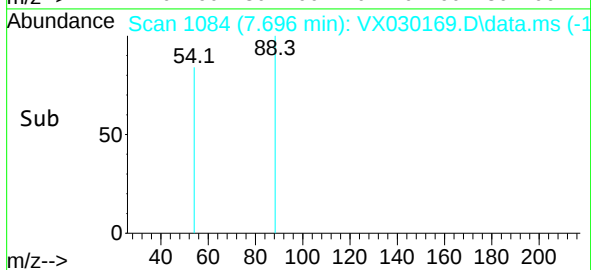
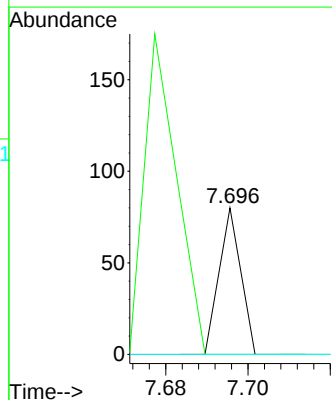
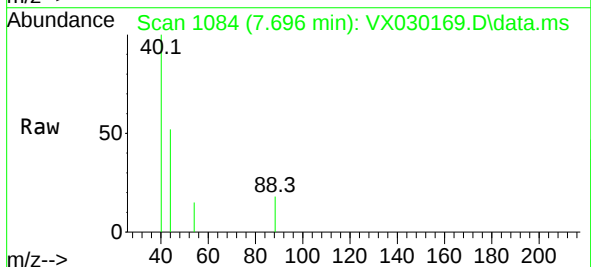
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-07182022

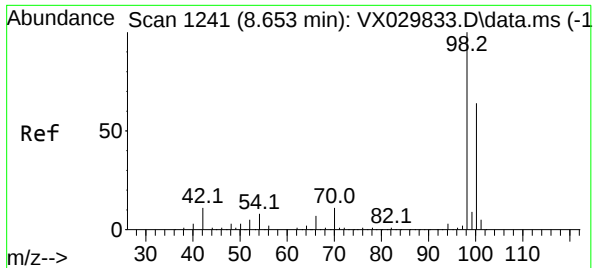
Tgt Ion:130 Resp: 541
 Ion Ratio Lower Upper
 130 100
 95 43.1 0.0 194.8



#49
 1,4-Dioxane
 Concen: 0.494 ug/l
 RT: 7.696 min Scan# 1084
 Delta R.T. 0.013 min
 Lab File: VX030169.D
 Acq: 21 Jul 2022 18:03

Tgt Ion: 88 Resp: 29
 Ion Ratio Lower Upper
 88 100
 43 327.6 23.8 35.8#
 58 0.0 53.8 80.6#

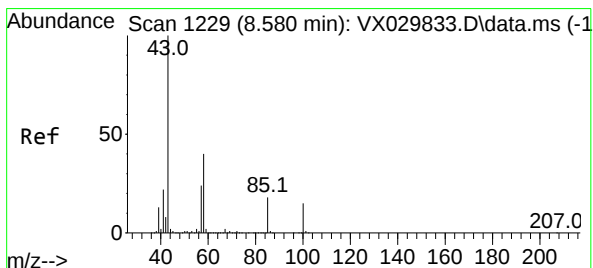
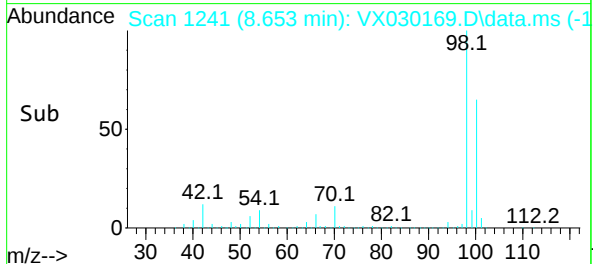
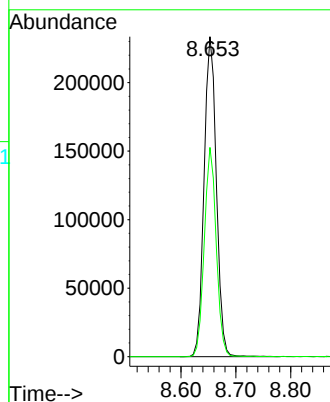
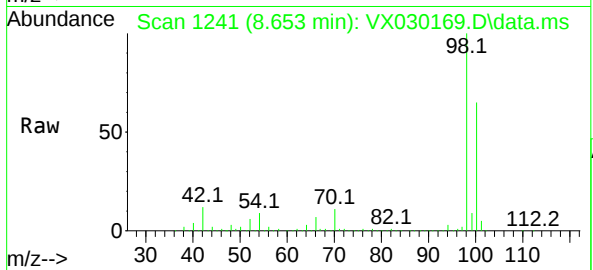




#50
Toluene-d8
Concen: 49.167 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030169.D
Acq: 21 Jul 2022 18:03

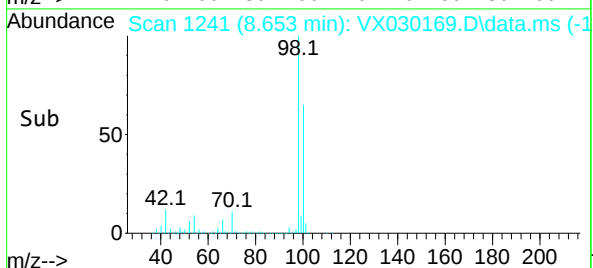
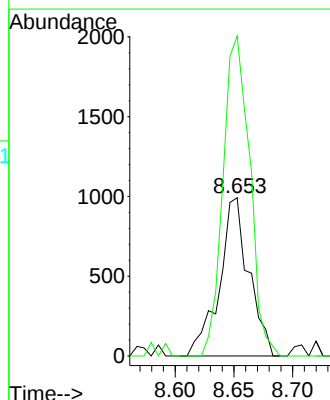
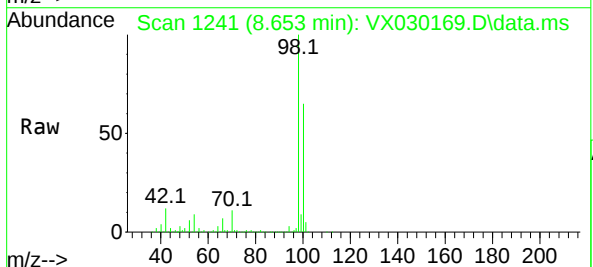
Instrument :
MSVOA_X
ClientSampleId :
TB-07182022

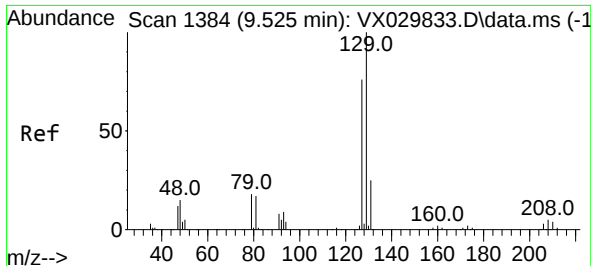
Tgt Ion: 98 Resp: 362782
Ion Ratio Lower Upper
98 100
100 63.6 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.535 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX030169.D
Acq: 21 Jul 2022 18:03

Tgt Ion: 43 Resp: 1735
Ion Ratio Lower Upper
43 100
58 183.3 31.4 47.2#

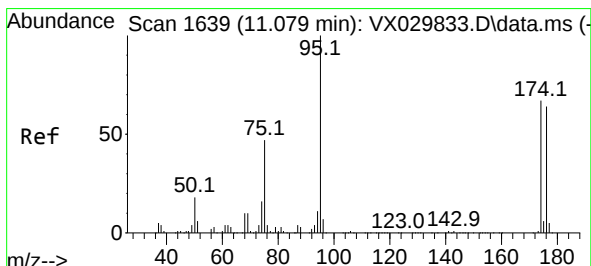
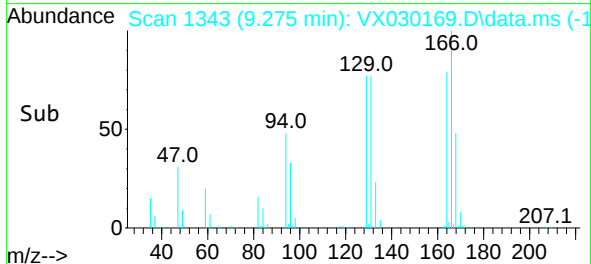
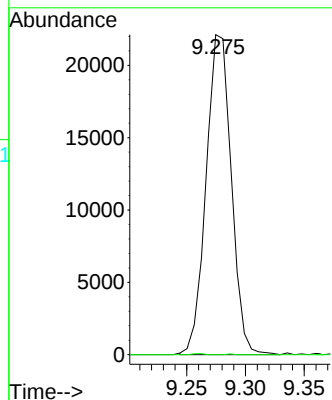
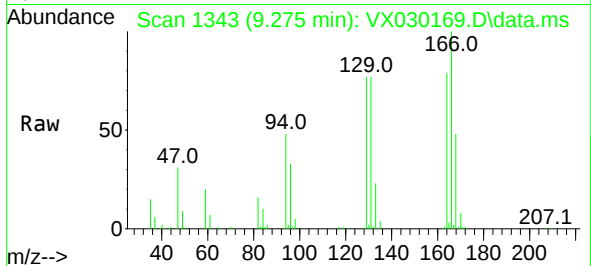




#60
Dibromochloromethane
Concen: 16.211 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX030169.D
Acq: 21 Jul 2022 18:03

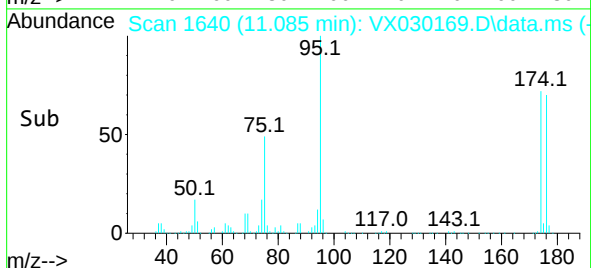
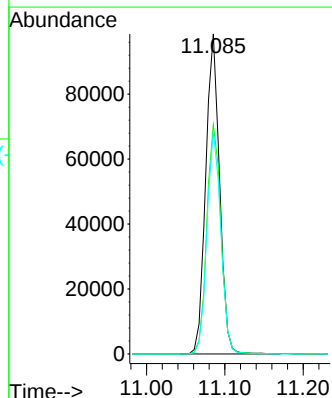
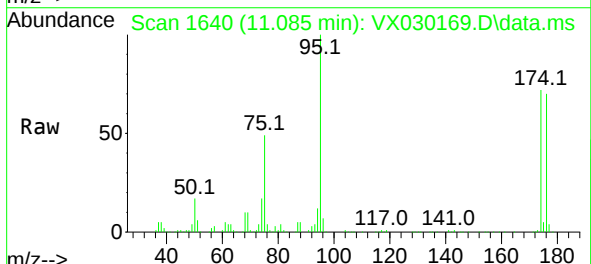
Instrument :
MSVOA_X
ClientSampleId :
TB-07182022

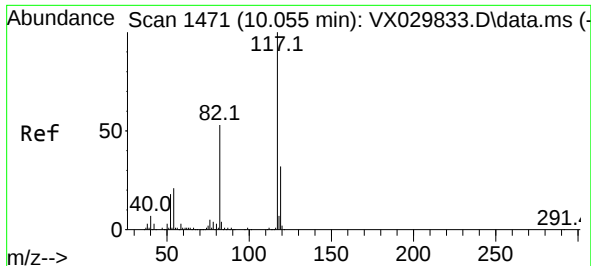
Tgt Ion:129 Resp: 32987
Ion Ratio Lower Upper
129 100
127 0.2 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 47.196 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX030169.D
Acq: 21 Jul 2022 18:03

Tgt Ion: 95 Resp: 120848
Ion Ratio Lower Upper
95 100
174 73.5 0.0 149.0
176 69.5 0.0 146.0

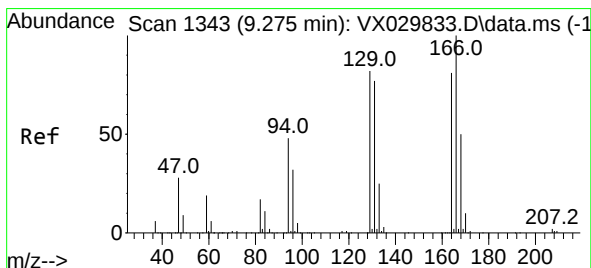
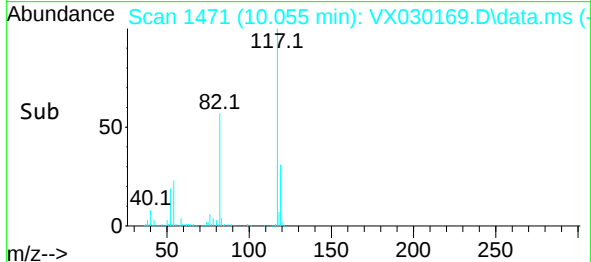
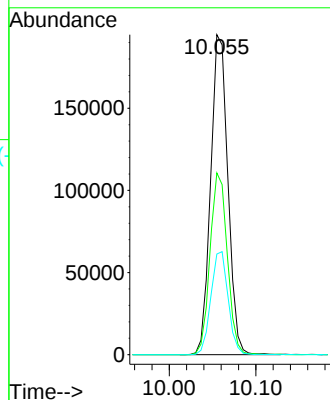
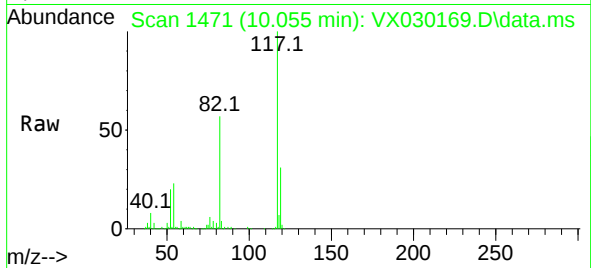




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030169.D
Acq: 21 Jul 2022 18:03

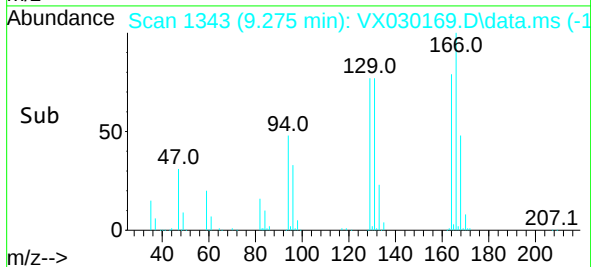
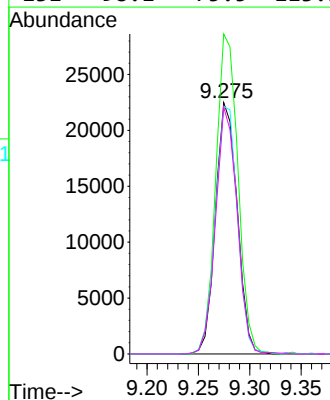
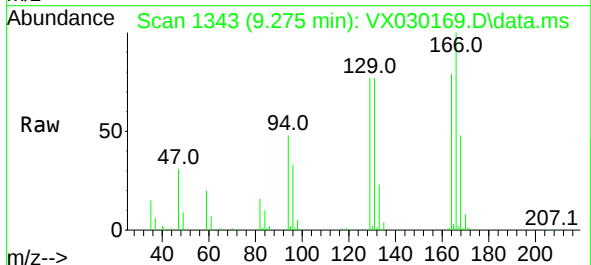
Instrument :
MSVOA_X
ClientSampleId :
TB-07182022

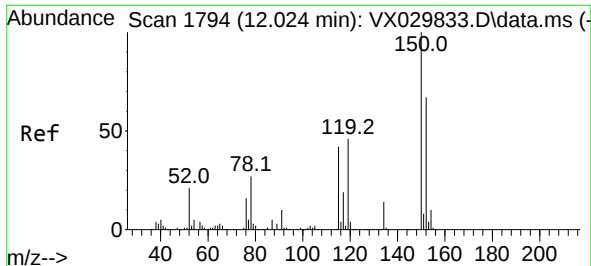
Tgt Ion:117 Resp: 269133
Ion Ratio Lower Upper
117 100
82 56.8 42.7 64.1
119 31.4 25.4 38.2



#64
Tetrachloroethene
Concen: 15.333 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030169.D
Acq: 21 Jul 2022 18:03

Tgt Ion:164 Resp: 33125
Ion Ratio Lower Upper
164 100
166 127.3 98.2 147.4
129 98.4 80.8 121.2
131 98.1 75.5 113.3

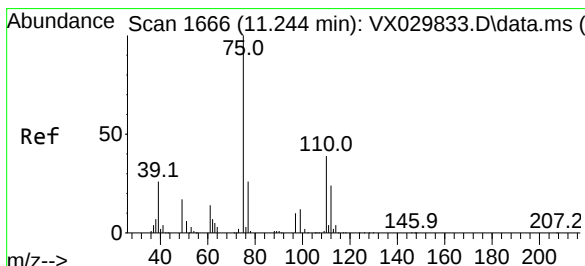
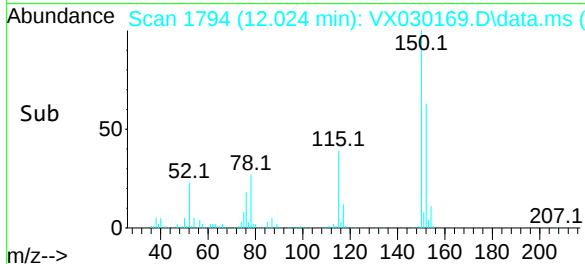
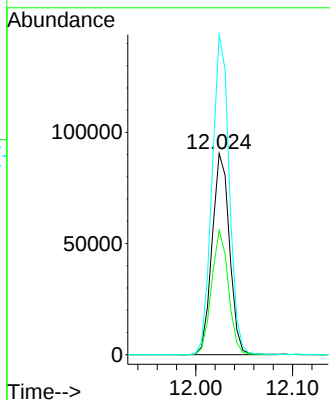
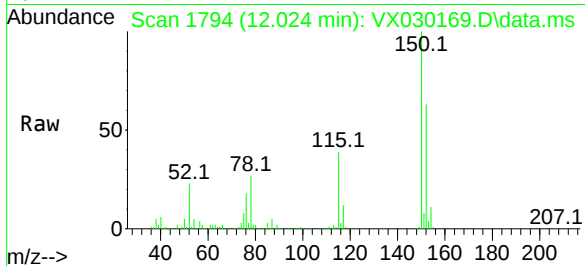




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030169.D
 Acq: 21 Jul 2022 18:03

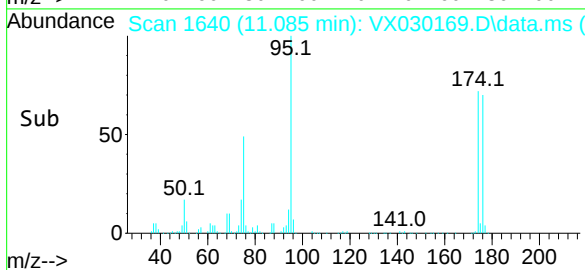
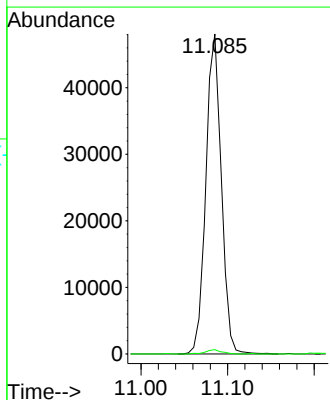
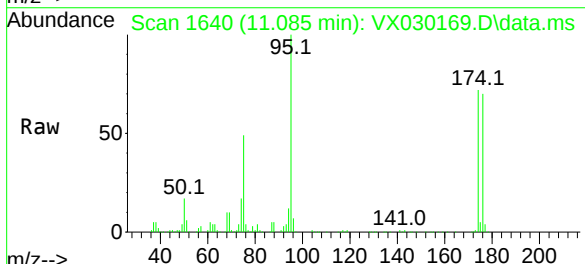
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-07182022

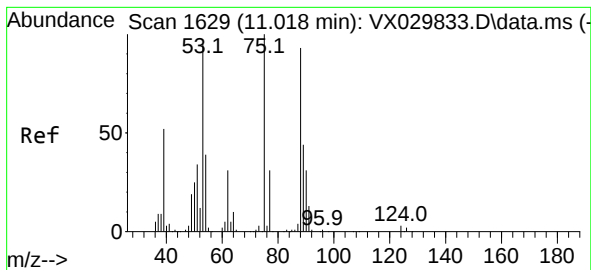
Tgt Ion:152 Resp: 113086
 Ion Ratio Lower Upper
 152 100
 115 59.8 40.5 121.5
 150 157.0 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 22.889 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX030169.D
 Acq: 21 Jul 2022 18:03

Tgt Ion: 75 Resp: 59514
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.058 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX030169.D
 Acq: 21 Jul 2022 18:03

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-07182022

Tgt Ion: 75 Resp: 59514
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.1 34.8 52.2#

