

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071422\
 Data File : VX030055.D
 Acq On : 14 Jul 2022 12:41
 Operator : JC/MD
 Sample : VX0714WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714WBL02

Quant Time: Jul 15 04:17:38 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)

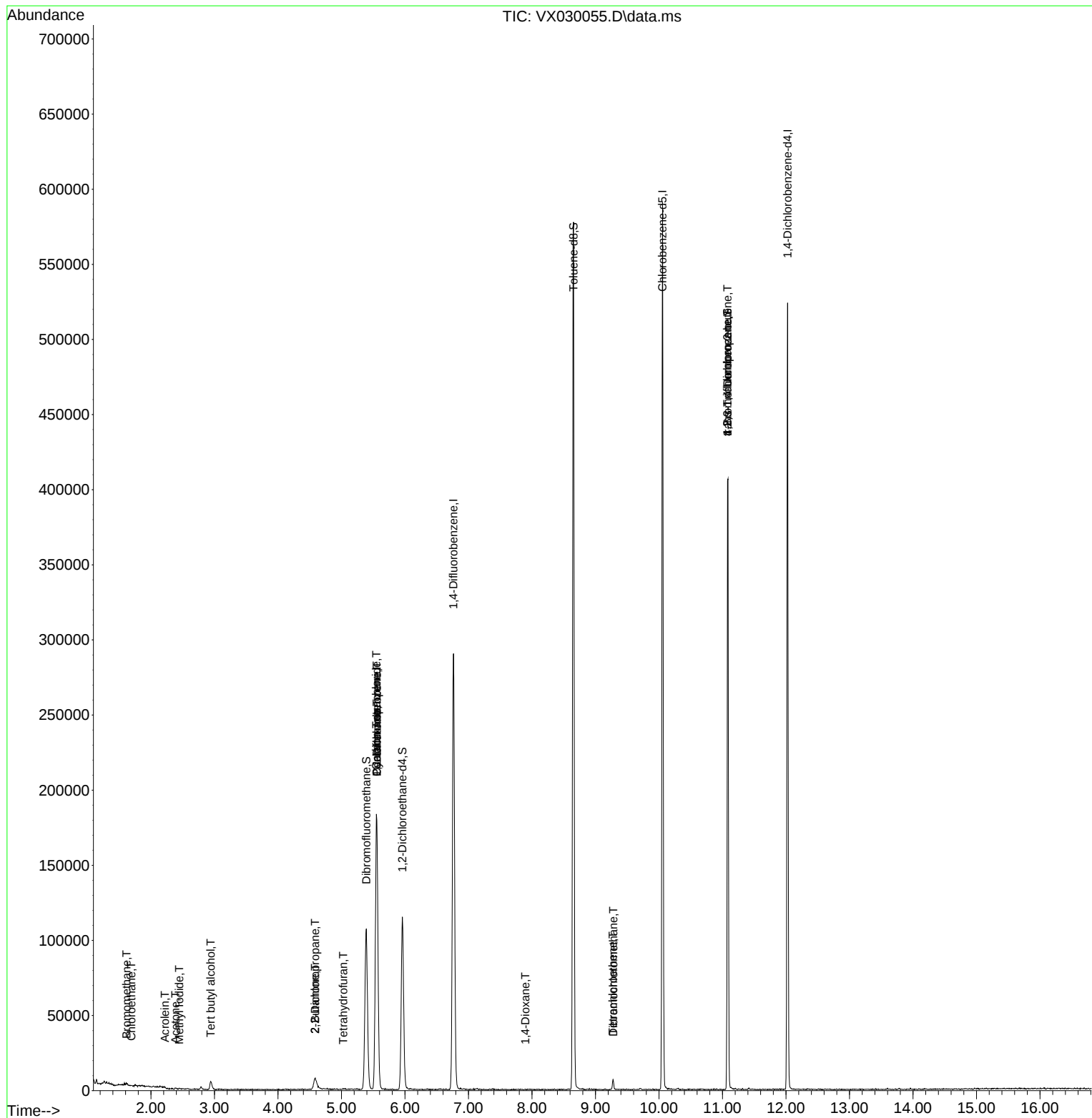
Internal Standards						
1) Pentafluorobenzene	5.556	168	180823	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	311652	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	269378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109415	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	101229	45.993	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.980%		
35) Dibromofluoromethane	5.391	113	93120	46.772	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.540%		
50) Toluene-d8	8.653	98	357857	47.792	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.580%		
62) 4-Bromofluorobenzene	11.079	95	112917	43.455	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.900%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	219	0.246	ug/l	97
6) Chloroethane	1.691	64	326	0.277	ug/l #	41
10) Methyl Iodide	2.447	142	564	2.704	ug/l #	64
11) Tert butyl alcohol	2.941	59	3184	5.605	ug/l #	76
13) Acrolein	2.221	56	26	0.230	ug/l #	14
16) Acetone	2.386	43	825	0.795	ug/l	89
17) Carbon Disulfide	2.514	76	596	Below Cal	#	74
20) Methylene Chloride	2.788	84	681	Below Cal	#	88
25) 2-Butanone	4.587	43	850	0.481	ug/l #	48
26) 2,2-Dichloropropane	4.587	77	744	0.303	ug/l #	54
29) Tetrahydrofuran	5.026	42	276	0.230	ug/l #	32
31) Cyclohexane	5.556	56	3836	1.202	ug/l #	14
36) 1,1-Dichloropropene	5.556	75	13057	5.077	ug/l #	48
38) Carbon Tetrachloride	5.550	117	16929	7.059	ug/l #	20
49) 1,4-Dioxane	7.897	88	20	0.336	ug/l #	1
60) Dibromochloromethane	9.281	129	1127	0.546	ug/l #	11
64) Tetrachloroethene	9.275	164	1161	0.537	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	54780	21.775	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	54780	62.843	ug/l #	13

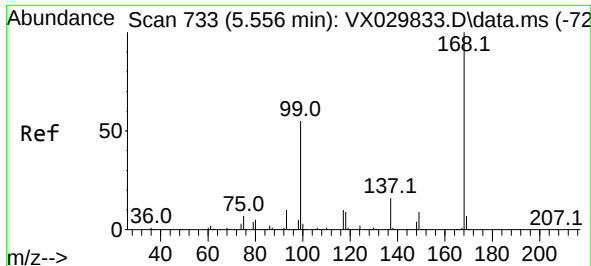
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 13 09:05:23 2022
Response via : Initial Calibration

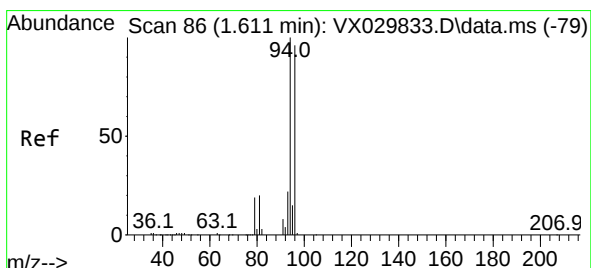
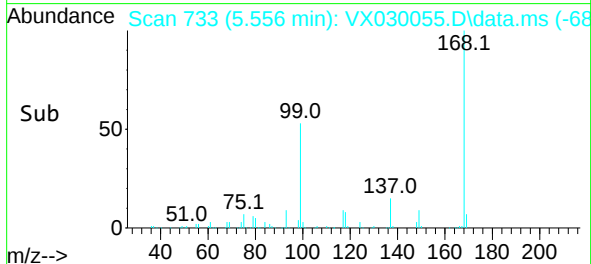
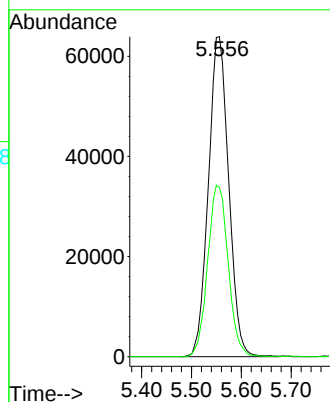
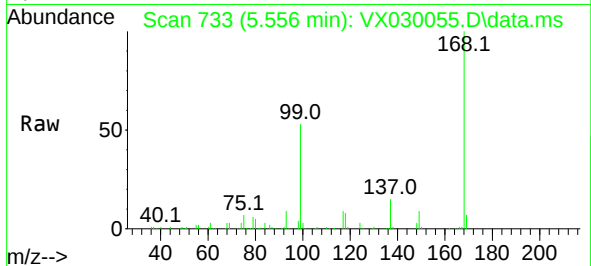




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030055.D
Acq: 14 Jul 2022 12:41

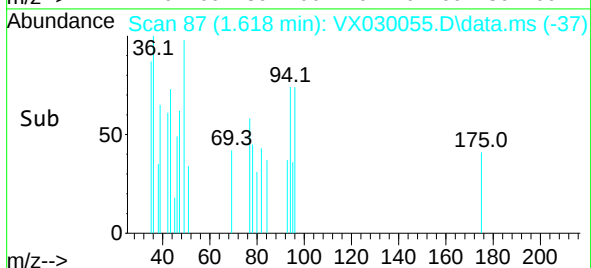
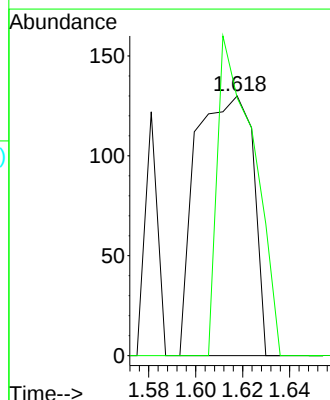
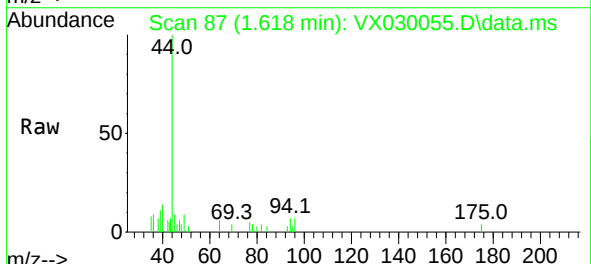
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBL02

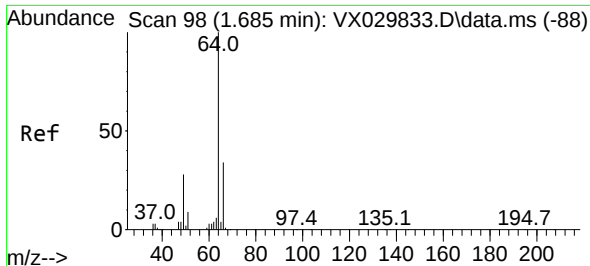
Tgt Ion:168 Resp: 180823
Ion Ratio Lower Upper
168 100
99 52.9 44.0 66.0



#5
Bromomethane
Concen: 0.246 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.007 min
Lab File: VX030055.D
Acq: 14 Jul 2022 12:41

Tgt Ion: 94 Resp: 219
Ion Ratio Lower Upper
94 100
96 99.2 76.9 115.3

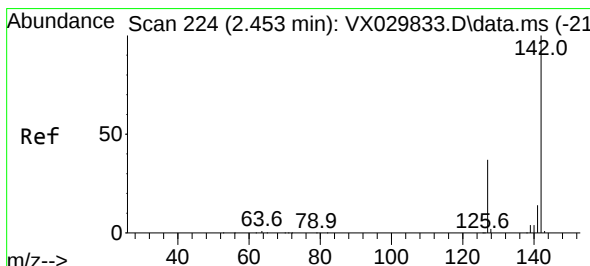
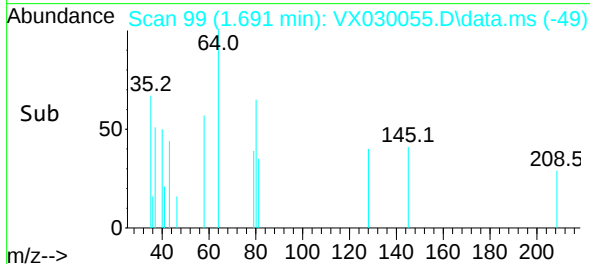
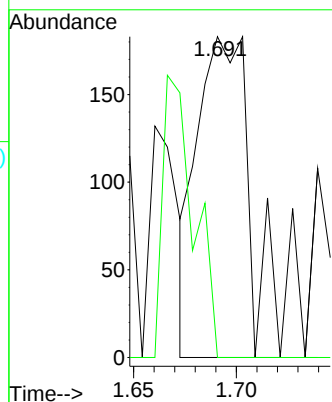
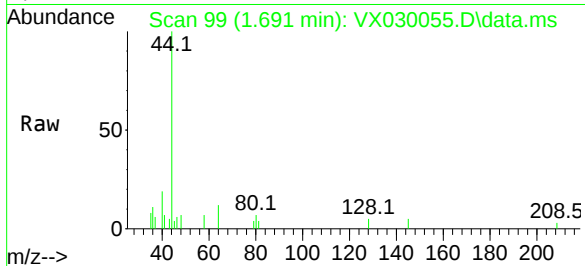




#6
Chloroethane
Concen: 0.277 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX030055.D
Acq: 14 Jul 2022 12:41

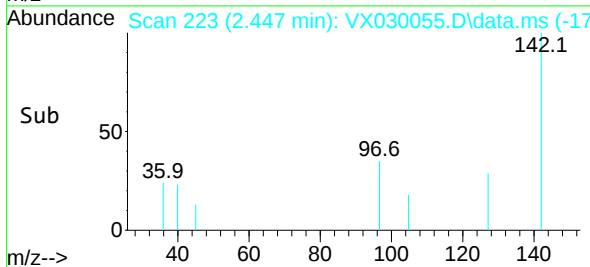
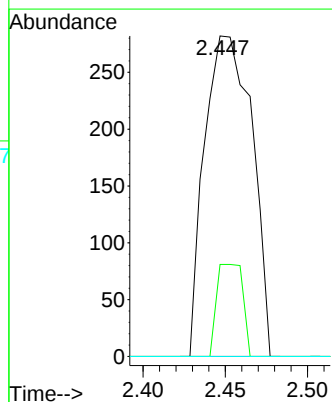
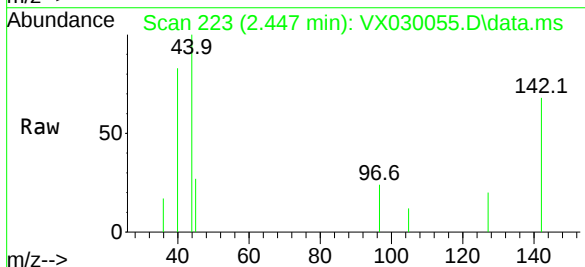
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBL02

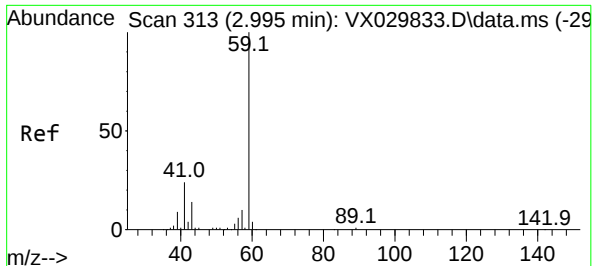
Tgt Ion: 64 Resp: 326
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#10
Methyl Iodide
Concen: 2.704 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX030055.D
Acq: 14 Jul 2022 12:41

Tgt Ion: 142 Resp: 564
Ion Ratio Lower Upper
142 100
127 15.8 30.2 45.2#
141 0.0 11.3 16.9#





#11

Tert butyl alcohol

Concen: 5.605 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.054 min

Lab File: VX030055.D

Acq: 14 Jul 2022 12:41

Instrument :

MSVOA_X

ClientSampleId :

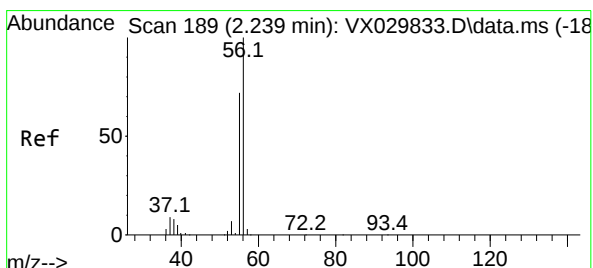
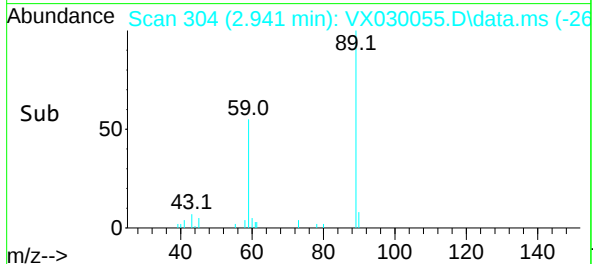
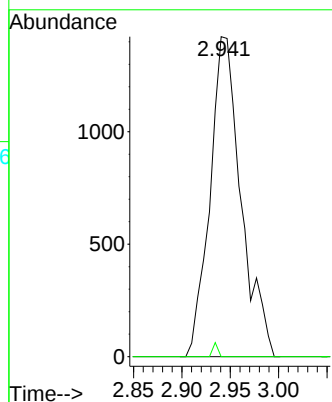
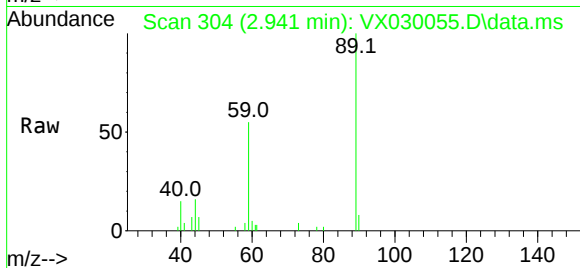
VX0714WBL02

Tgt Ion: 59 Resp: 3184

Ion Ratio Lower Upper

59 100

57 0.7 7.4 11.2#



#13

Acrolein

Concen: 0.230 ug/l

RT: 2.221 min Scan# 186

Delta R.T. -0.018 min

Lab File: VX030055.D

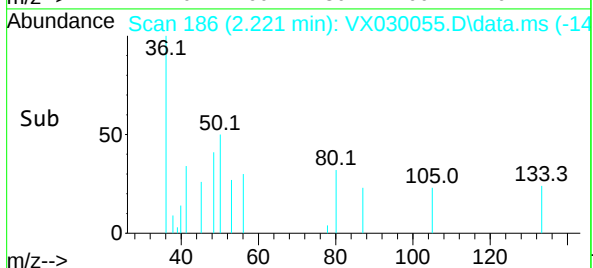
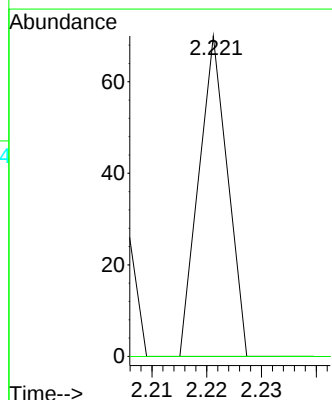
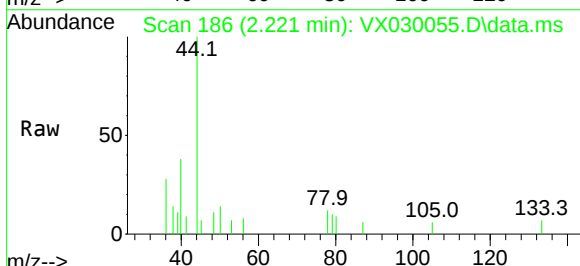
Acq: 14 Jul 2022 12:41

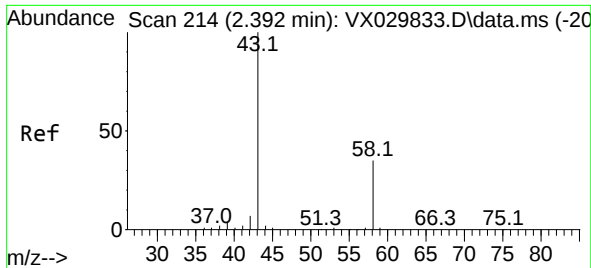
Tgt Ion: 56 Resp: 26

Ion Ratio Lower Upper

56 100

55 0.0 56.6 84.8#

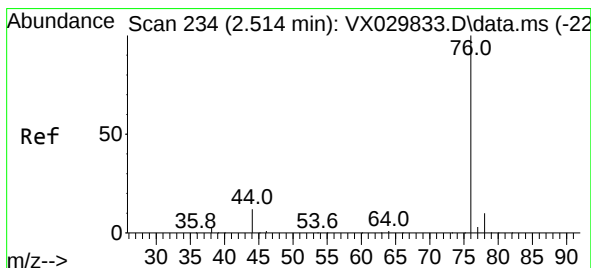
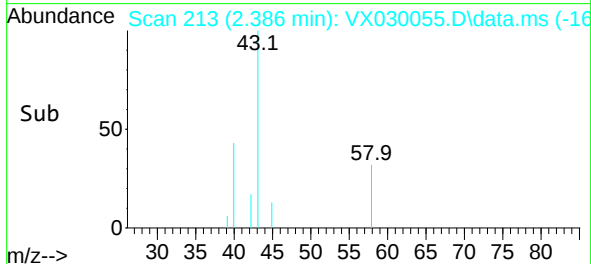
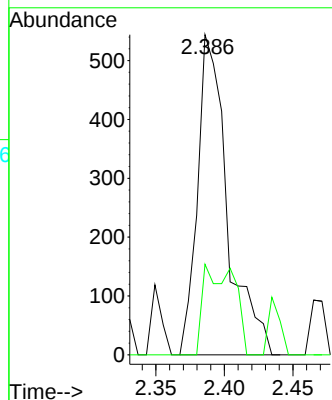
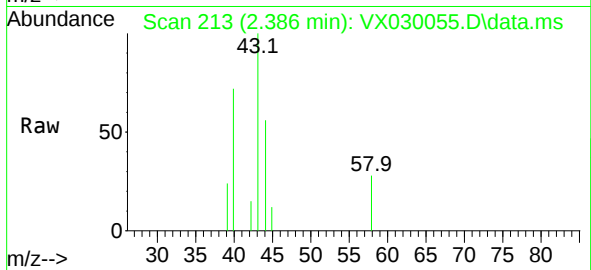




#16
Acetone
Concen: 0.795 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX030055.D
Acq: 14 Jul 2022 12:41

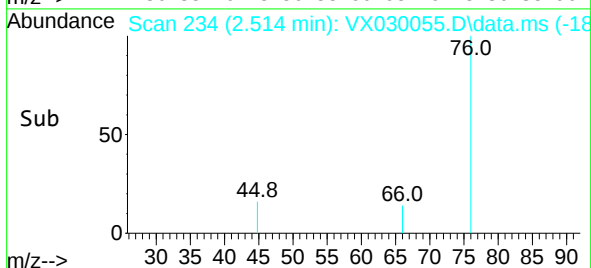
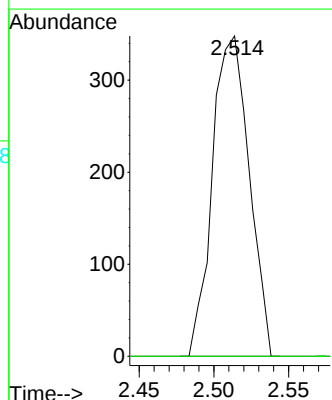
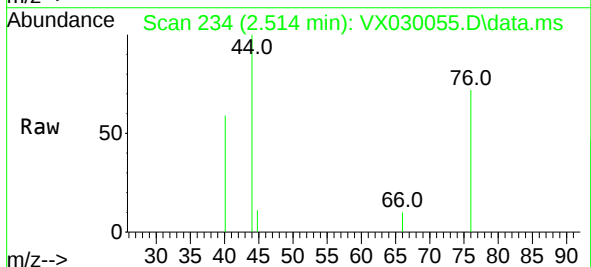
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBL02

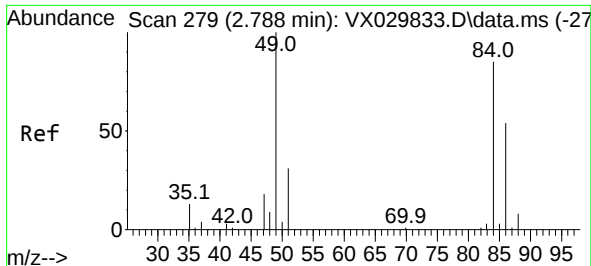
Tgt Ion: 43 Resp: 825
Ion Ratio Lower Upper
43 100
58 28.3 27.7 41.5



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX030055.D
Acq: 14 Jul 2022 12:41

Tgt Ion: 76 Resp: 596
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#

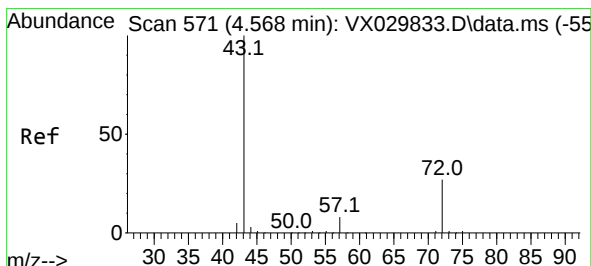
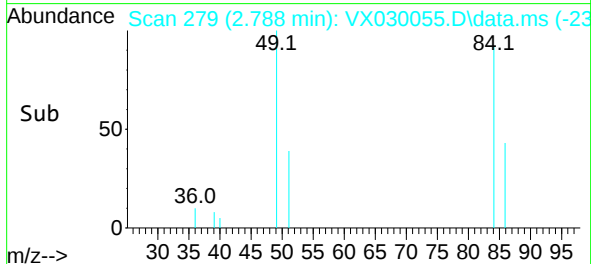
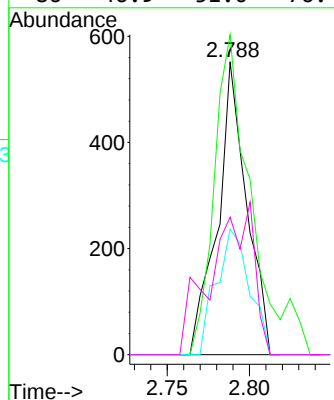
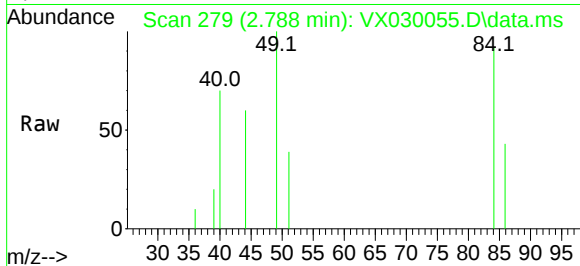




#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX030055.D
Acq: 14 Jul 2022 12:41

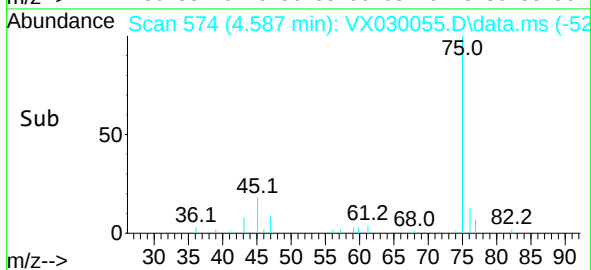
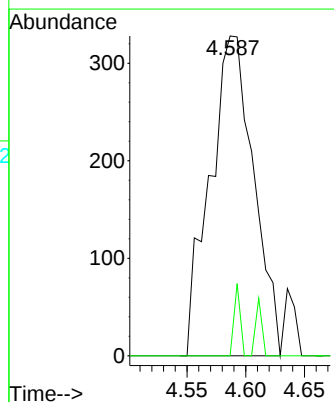
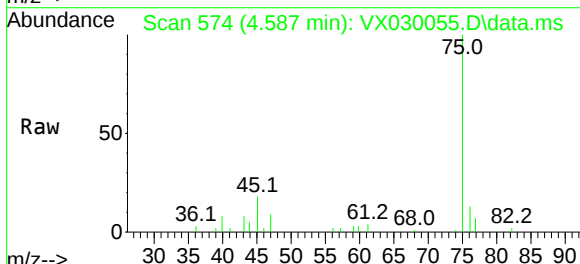
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBL02

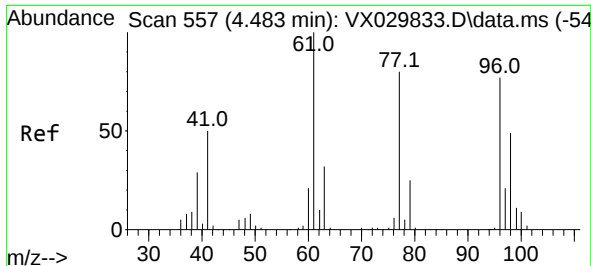
Tgt Ion:	84	Resp:	681
Ion	Ratio	Lower	Upper
84	100		
49	109.2	93.8	140.6
51	42.9	29.4	44.0
86	46.9	51.0	76.4



#25
2-Butanone
Concen: 0.481 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.019 min
Lab File: VX030055.D
Acq: 14 Jul 2022 12:41

Tgt Ion:	43	Resp:	850
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.7	32.5





#26

2,2-Dichloropropane

Concen: 0.303 ug/l

RT: 4.587 min Scan# 51

Delta R.T. 0.104 min

Lab File: VX030055.D

Acq: 14 Jul 2022 12:41

Instrument :

MSVOA_X

ClientSampleId :

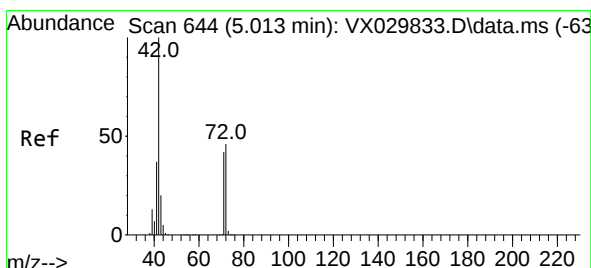
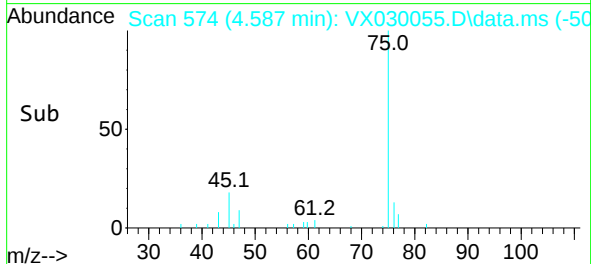
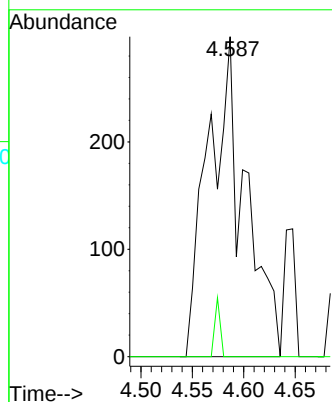
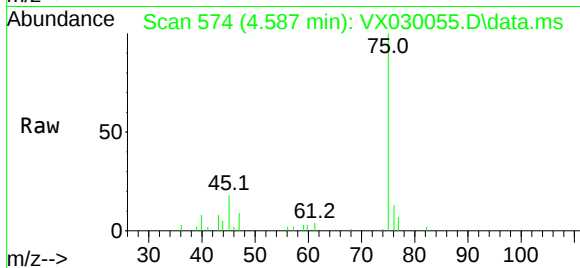
VX0714WBL02

Tgt Ion: 77 Resp: 744

Ion Ratio Lower Upper

77 100

97 2.7 13.0 39.0#



#29

Tetrahydrofuran

Concen: 0.230 ug/l

RT: 5.026 min Scan# 646

Delta R.T. 0.013 min

Lab File: VX030055.D

Acq: 14 Jul 2022 12:41

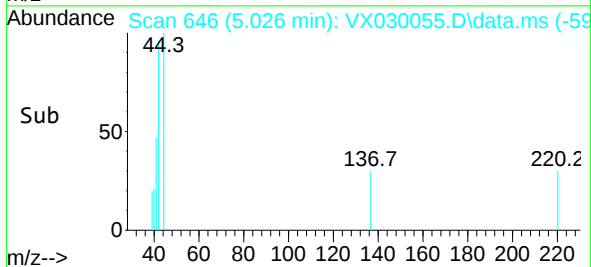
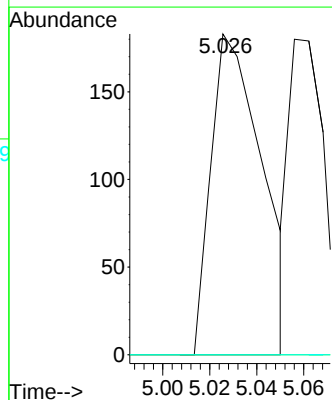
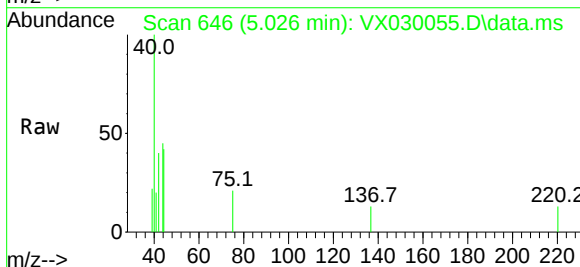
Tgt Ion: 42 Resp: 276

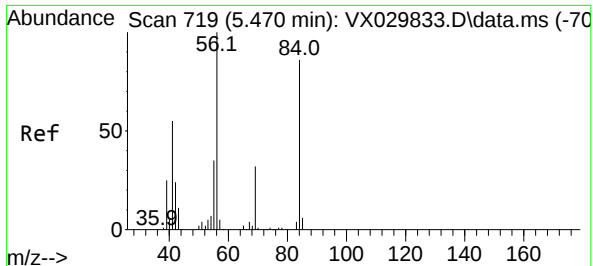
Ion Ratio Lower Upper

42 100

72 0.0 36.5 54.7#

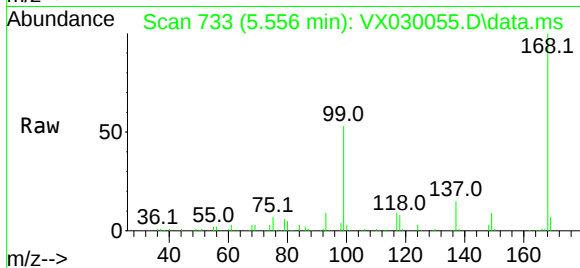
71 0.0 33.9 50.9#



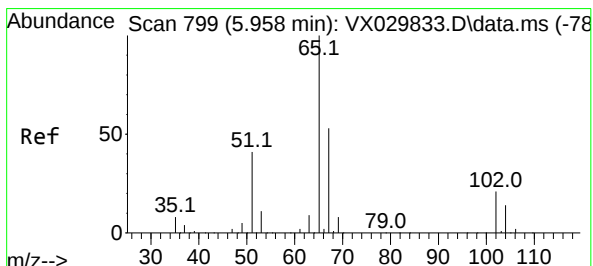
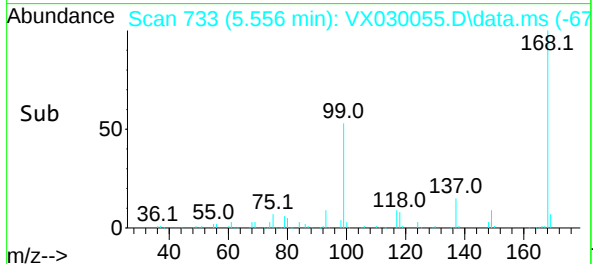
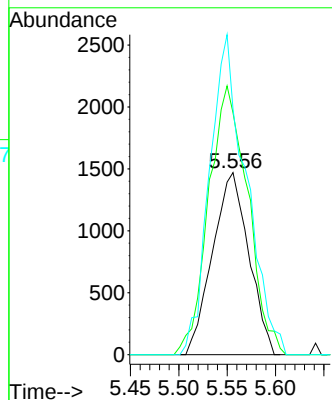


#31
Cyclohexane
Concen: 1.202 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX030055.D
Acq: 14 Jul 2022 12:41

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBL02

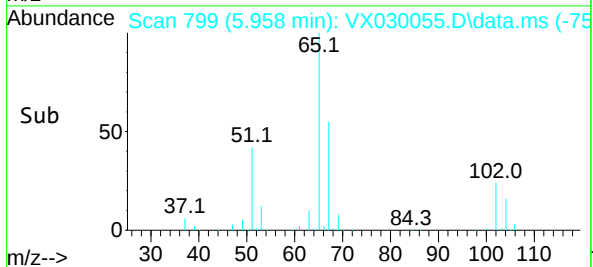
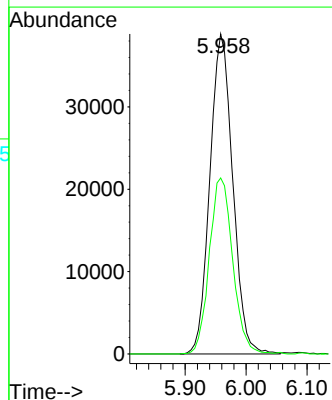
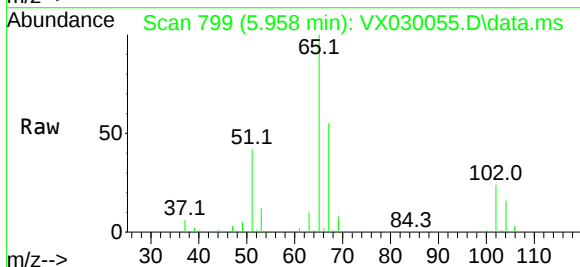


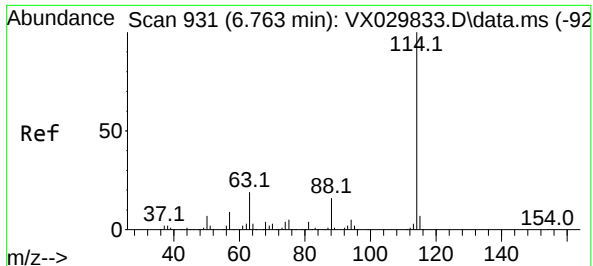
Tgt Ion: 56 Resp: 3836
Ion Ratio Lower Upper
56 100
69 129.5 25.4 38.0#
84 135.0 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 45.993 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX030055.D
Acq: 14 Jul 2022 12:41

Tgt Ion: 65 Resp: 101229
Ion Ratio Lower Upper
65 100
67 56.3 0.0 109.6

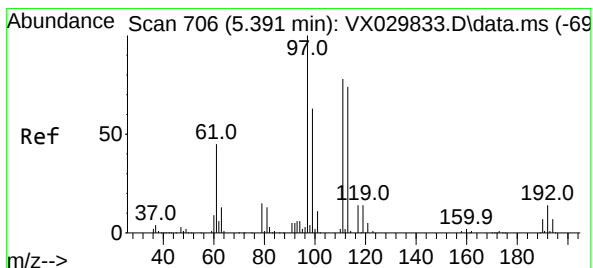
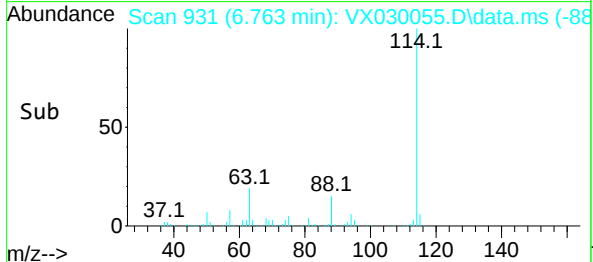
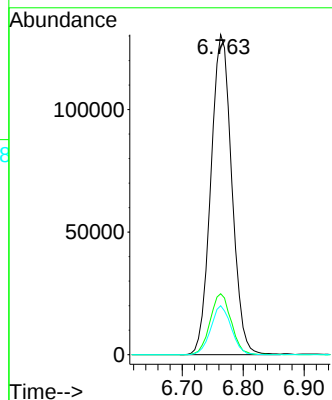
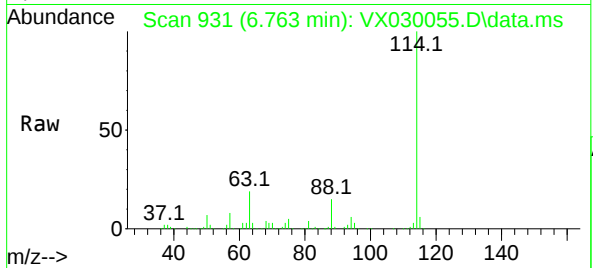




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX030055.D
Acq: 14 Jul 2022 12:41

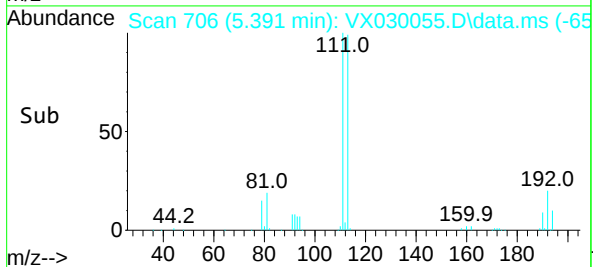
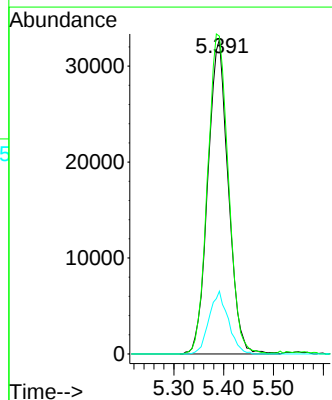
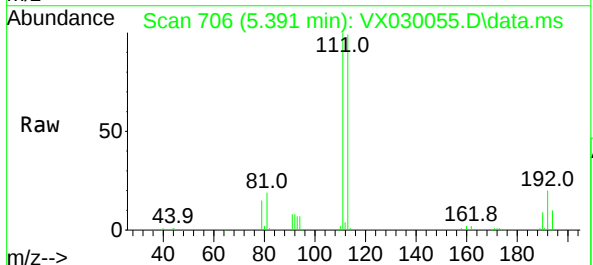
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBL02

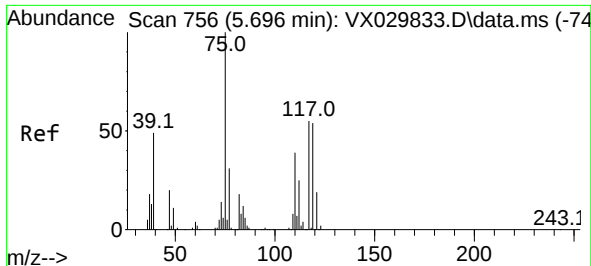
Tgt Ion:114 Resp: 311652
Ion Ratio Lower Upper
114 100
63 19.1 0.0 38.4
88 15.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.772 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030055.D
Acq: 14 Jul 2022 12:41

Tgt Ion:113 Resp: 93120
Ion Ratio Lower Upper
113 100
111 104.1 83.2 124.8
192 18.7 14.8 22.2

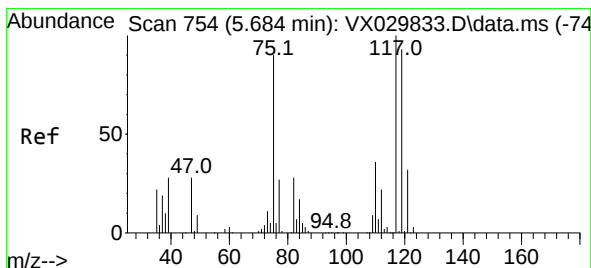
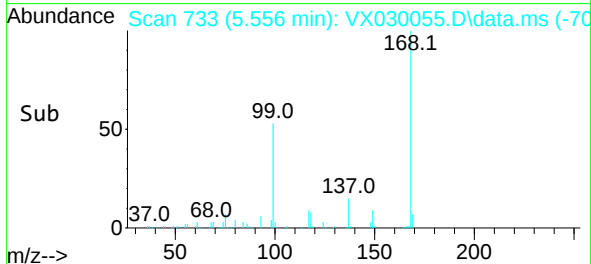
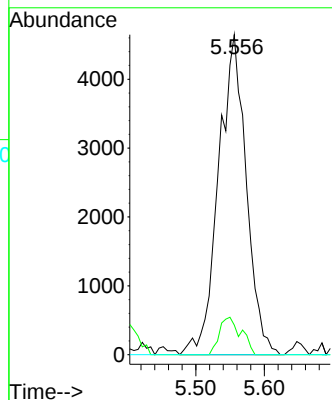
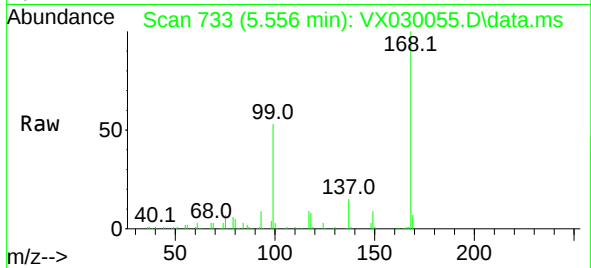




#36
1,1-Dichloropropene
Concen: 5.077 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX030055.D
Acq: 14 Jul 2022 12:41

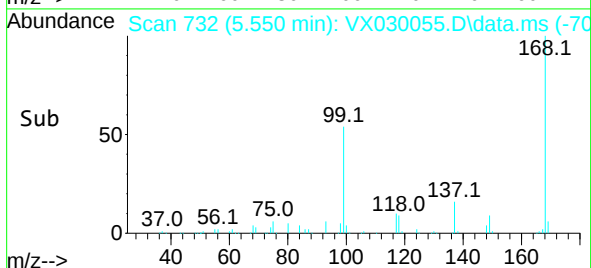
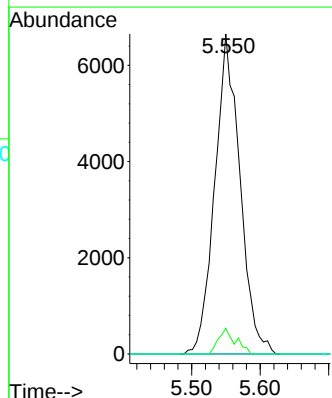
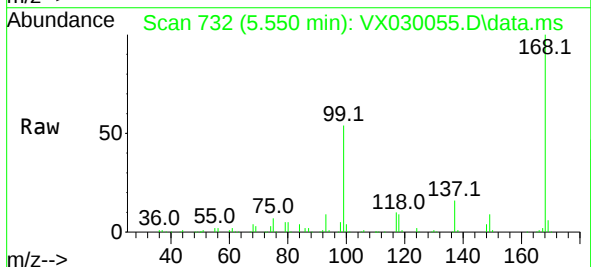
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBL02

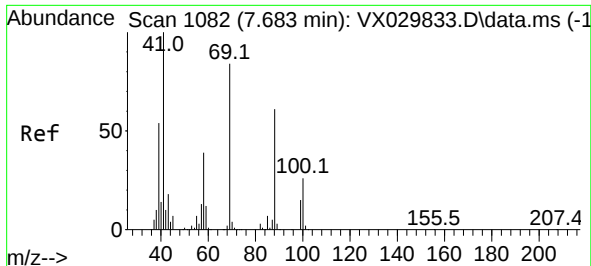
Tgt Ion: 75 Resp: 13057
Ion Ratio Lower Upper
75 100
110 9.2 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.059 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX030055.D
Acq: 14 Jul 2022 12:41

Tgt Ion: 117 Resp: 16929
Ion Ratio Lower Upper
117 100
119 8.0 74.1 111.1#
121 0.0 25.8 38.8#





#49

1,4-Dioxane

Concen: 0.336 ug/l

RT: 7.897 min Scan# 1117

Delta R.T. 0.214 min

Lab File: VX030055.D

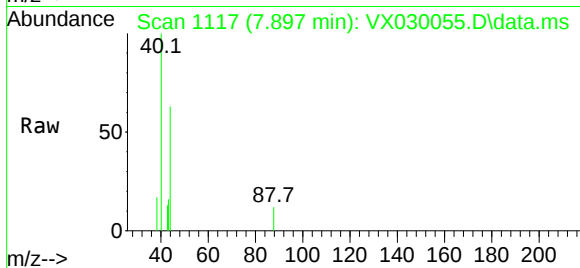
Acq: 14 Jul 2022 12:41

Instrument :

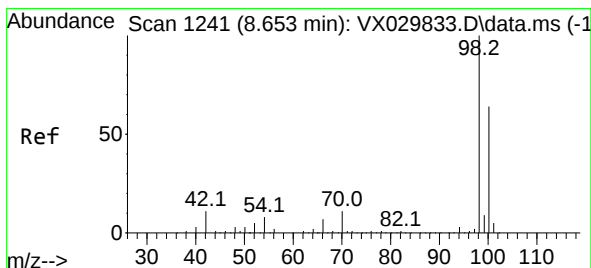
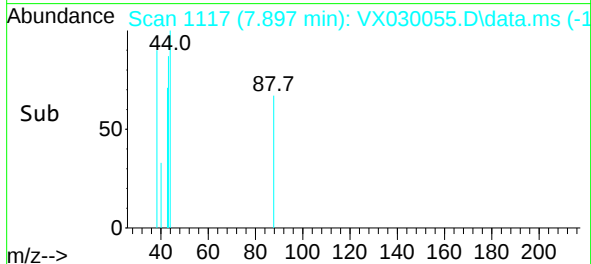
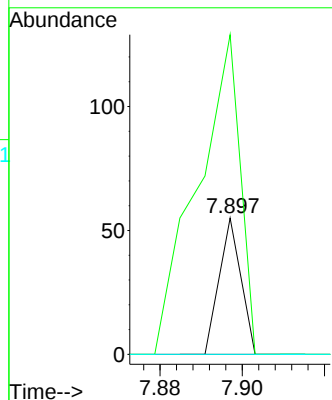
MSVOA_X

ClientSampleId :

VX0714WBL02



Tgt Ion:	88	Resp:	20
Ion	Ratio	Lower	Upper
88	100		
43	470.0	23.8	35.8#
58	0.0	53.8	80.6#



#50

Toluene-d8

Concen: 47.792 ug/l

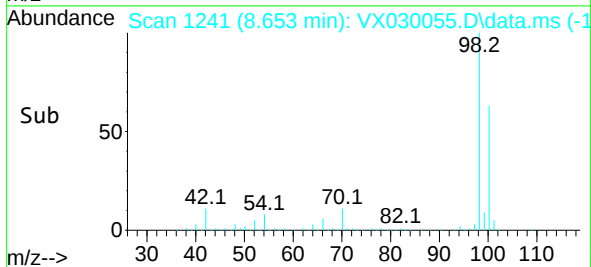
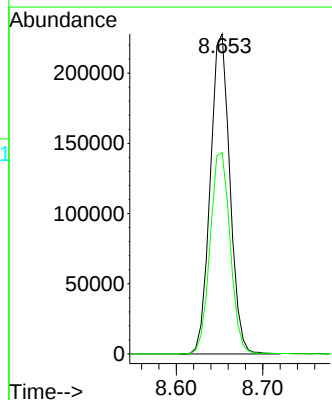
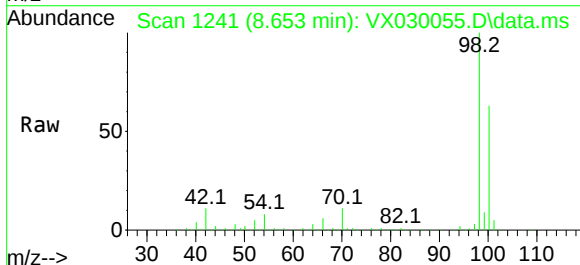
RT: 8.653 min Scan# 1241

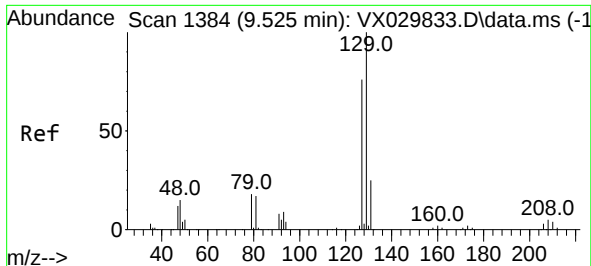
Delta R.T. -0.000 min

Lab File: VX030055.D

Acq: 14 Jul 2022 12:41

Tgt Ion:	98	Resp:	357857
Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.3	78.5

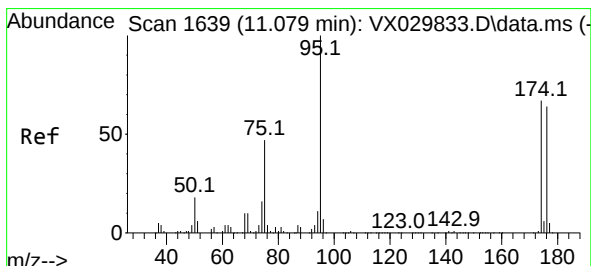
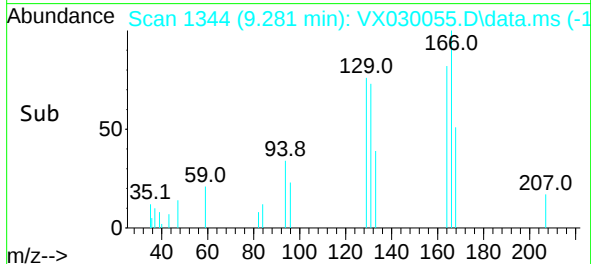
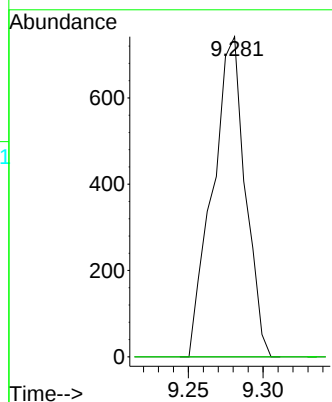
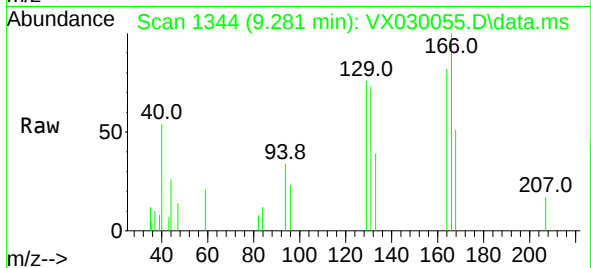




#60
Dibromochloromethane
Concen: 0.546 ug/l
RT: 9.281 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX030055.D
Acq: 14 Jul 2022 12:41

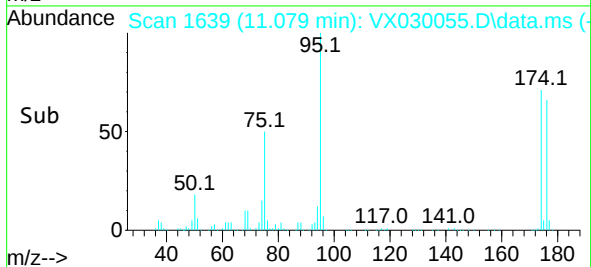
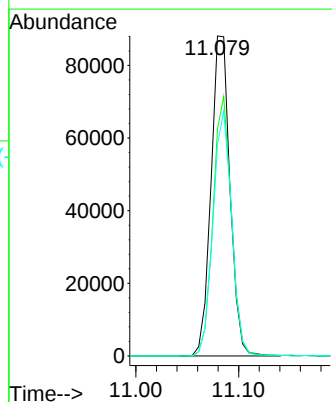
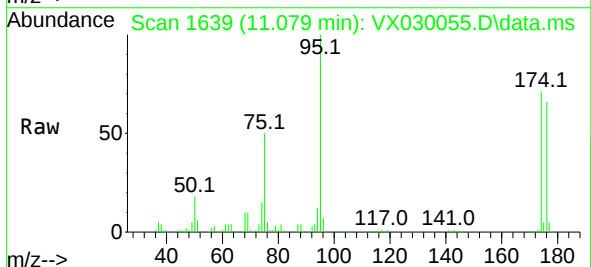
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBL02

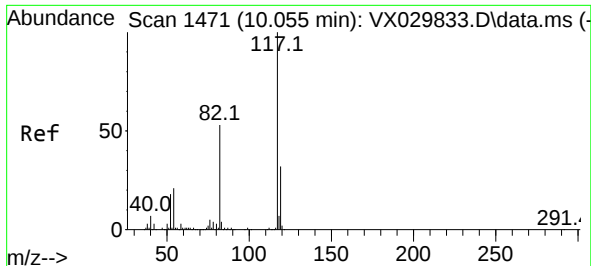
Tgt Ion:129 Resp: 1127
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 43.455 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX030055.D
Acq: 14 Jul 2022 12:41

Tgt Ion: 95 Resp: 112917
Ion Ratio Lower Upper
95 100
174 78.6 0.0 149.0
176 75.4 0.0 146.0

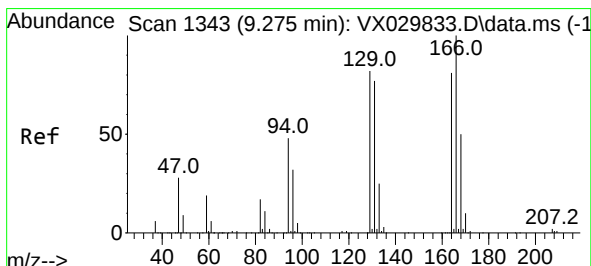
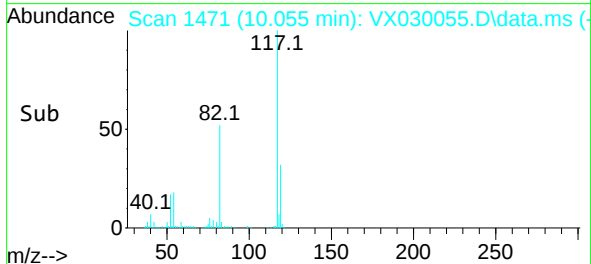
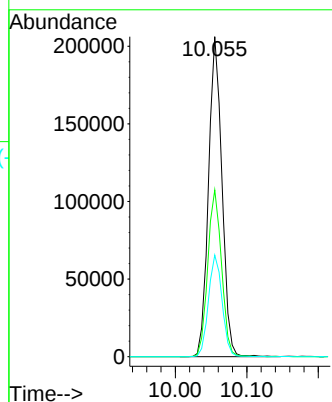
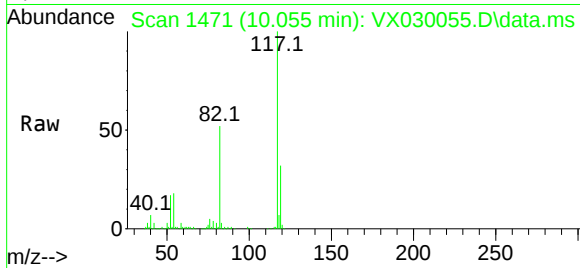




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030055.D
Acq: 14 Jul 2022 12:41

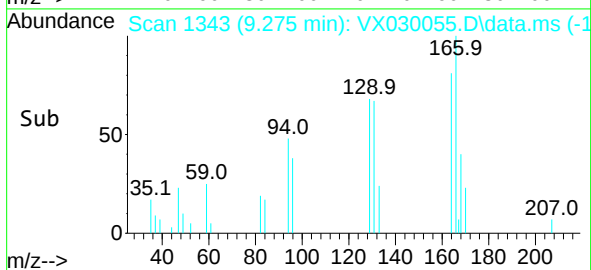
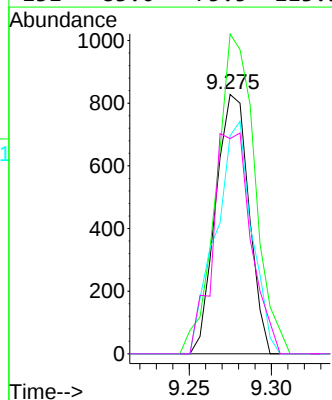
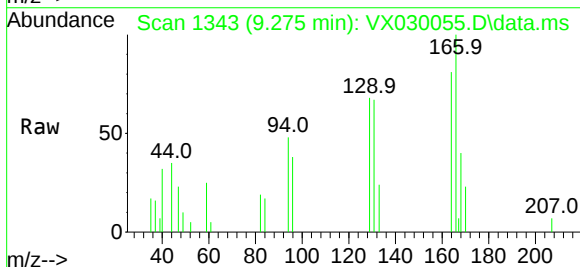
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBL02

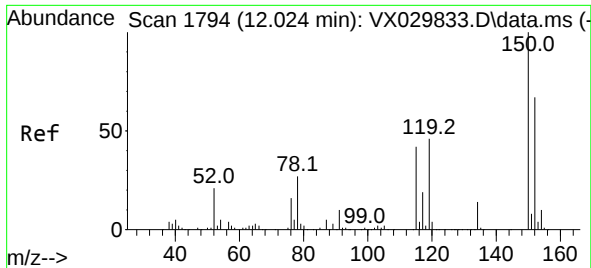
Tgt Ion:	117	Resp:	269378
Ion	Ratio	Lower	Upper
117	100		
82	52.1	42.7	64.1
119	31.8	25.4	38.2



#64
Tetrachloroethene
Concen: 0.537 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030055.D
Acq: 14 Jul 2022 12:41

Tgt Ion:	164	Resp:	1161
Ion	Ratio	Lower	Upper
164	100		
166	123.3	98.2	147.4
129	84.1	80.8	121.2
131	83.0	75.5	113.3

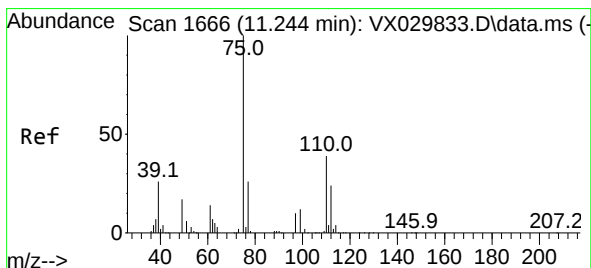
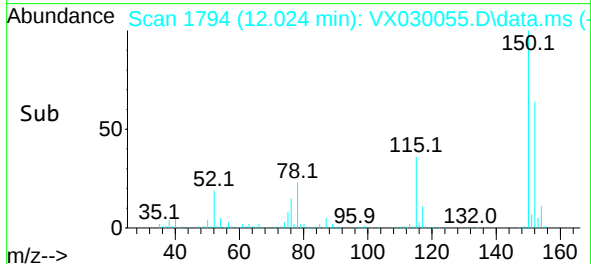
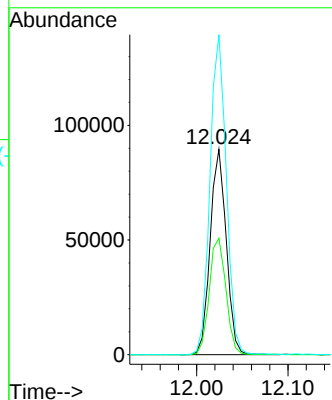
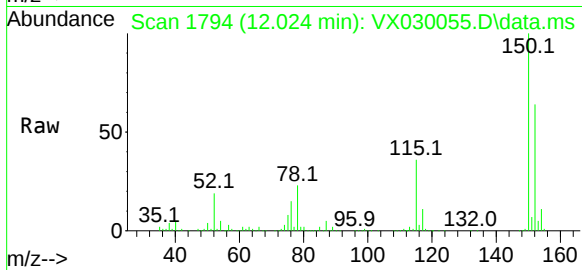




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030055.D
 Acq: 14 Jul 2022 12:41

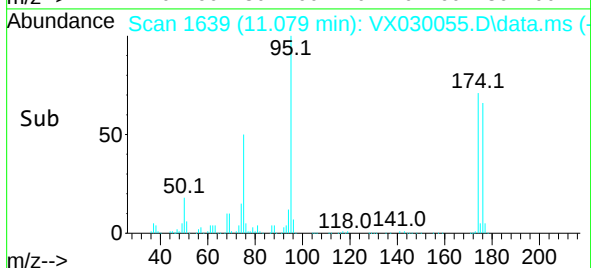
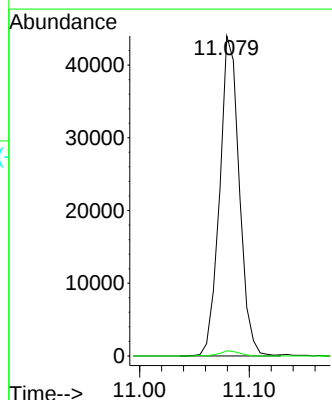
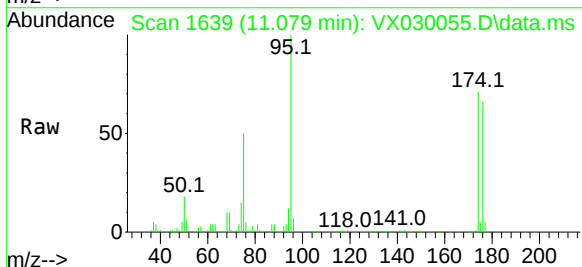
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714WBL02

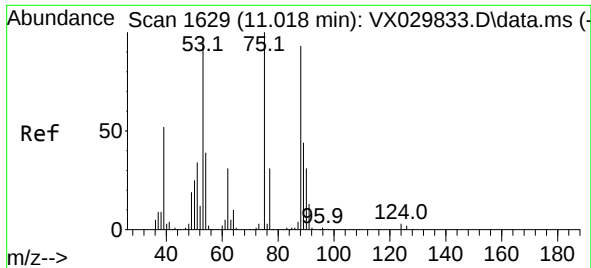
Tgt Ion:152 Resp: 109415
 Ion Ratio Lower Upper
 152 100
 115 58.6 40.5 121.5
 150 157.6 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 21.775 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX030055.D
 Acq: 14 Jul 2022 12:41

Tgt Ion: 75 Resp: 54780
 Ion Ratio Lower Upper
 75 100
 77 1.6 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.843 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX030055.D
 Acq: 14 Jul 2022 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714WBL02

Tgt Ion: 75 Resp: 54780
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.2 34.8 52.2#

