

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052821\
 Data File : VX022244.D
 Acq On : 27 May 2021 19:48
 Operator : JC/MD
 Sample : M2526-18 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 28 01:34:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

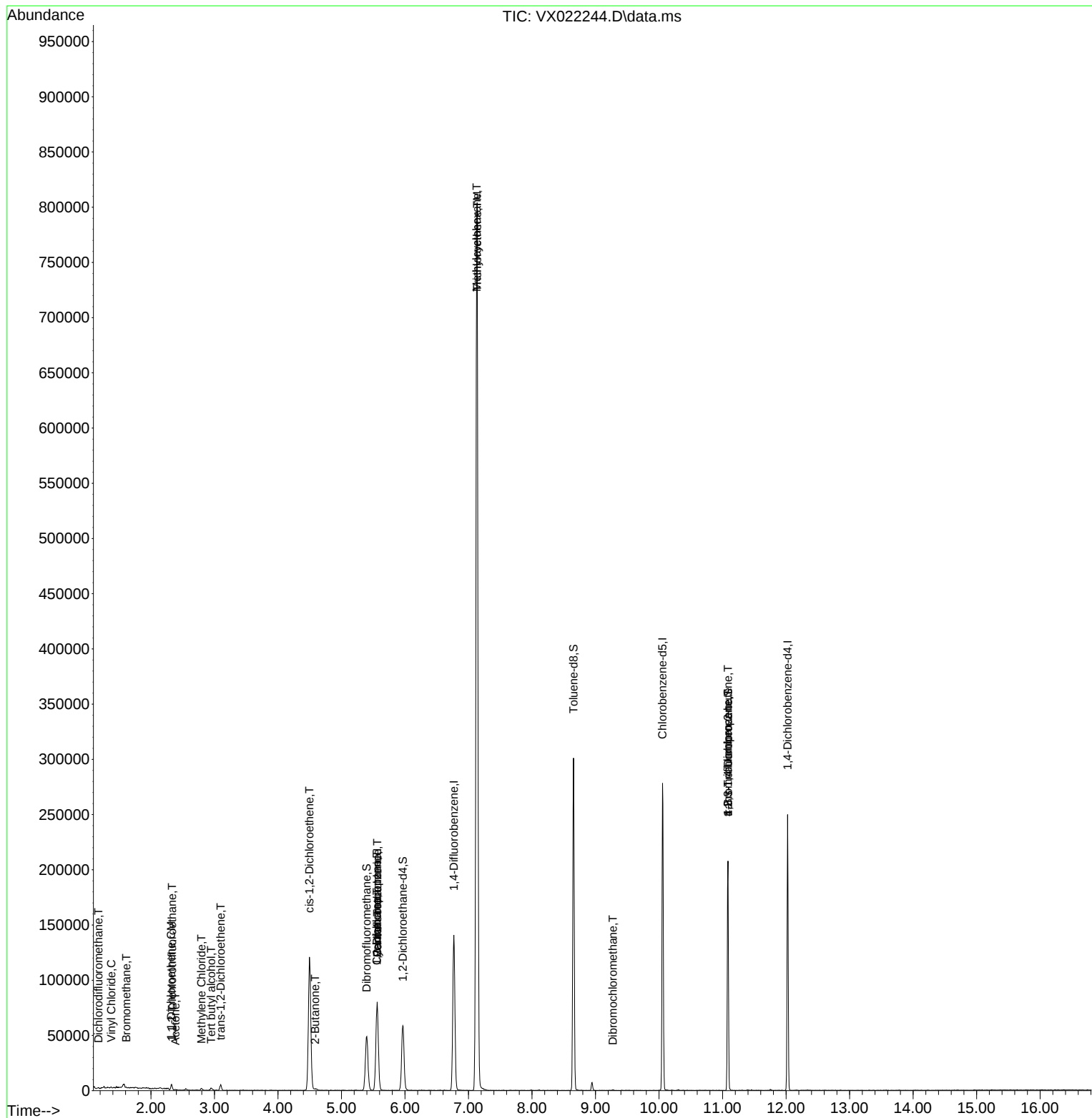
Internal Standards						
1) Pentafluorobenzene	5.562	168	66476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	139958	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123062	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44021	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	55021	53.66	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.32%			
35) Dibromofluoromethane	5.397	113	42240	47.59	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.18%			
50) Toluene-d8	8.653	98	170138	49.76	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.52%			
62) 4-Bromofluorobenzene	11.085	95	58556	46.34	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.68%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	687	0.85	ug/l	86
4) Vinyl Chloride	1.374	62	460	0.50	ug/l #	86
5) Bromomethane	1.612	94	163	0.30	ug/l #	47
9) 1,1,2-Trichlorotrifluo...	2.331	101	842	1.07	ug/l #	86
11) Tert butyl alcohol	2.947	59	1366	5.82	ug/l #	73
12) 1,1-Dichloroethene	2.319	96	1327	1.74	ug/l	95
16) Acetone	2.386	43	570	1.28	ug/l #	78
20) Methylene Chloride	2.794	84	738	0.74	ug/l #	69
21) trans-1,2-Dichloroethene	3.099	96	2041	2.46	ug/l	80
25) 2-Butanone	4.587	43	155	0.21	ug/l #	45
27) cis-1,2-Dichloroethene	4.495	96	71160	70.61	ug/l	91
31) Cyclohexane	5.556	56	1678	1.30	ug/l #	2
36) 1,1-Dichloropropene	5.556	75	6463	4.99	ug/l #	47
38) Carbon Tetrachloride	5.562	117	7612	6.01	ug/l #	15
39) Methylcyclohexane	7.129	83	3889	2.65	ug/l #	1
44) Trichloroethene	7.135	130	287640	290.69	ug/l	96
60) Dibromochloromethane	9.275	129	216	0.22	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	29384	27.06	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	29384	64.11	ug/l #	12

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

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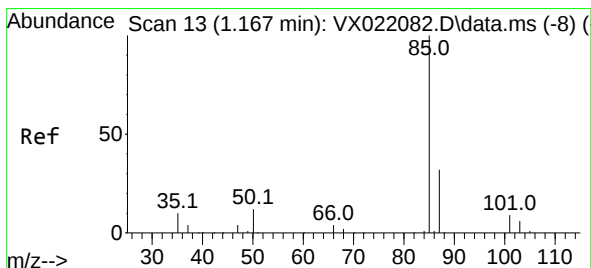
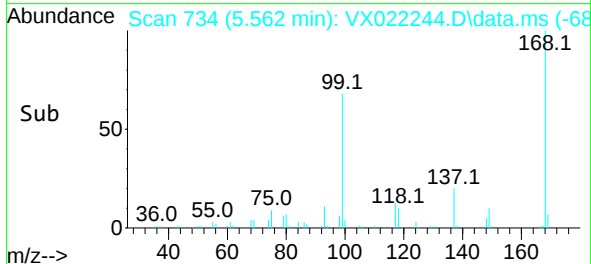
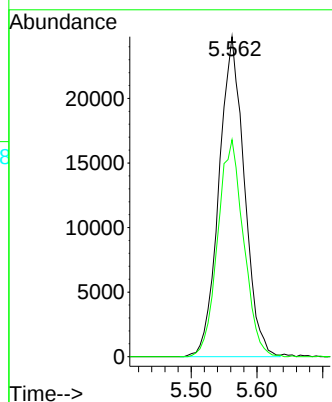
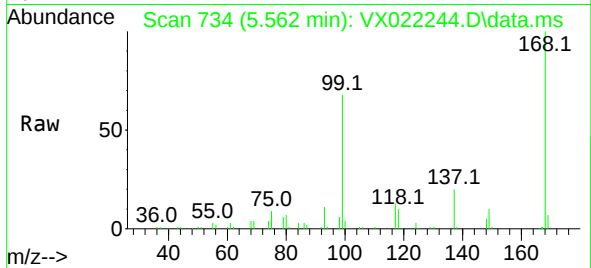




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022244.D
Acq: 27 May 2021 19:48

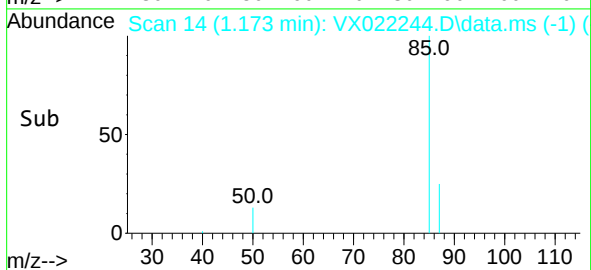
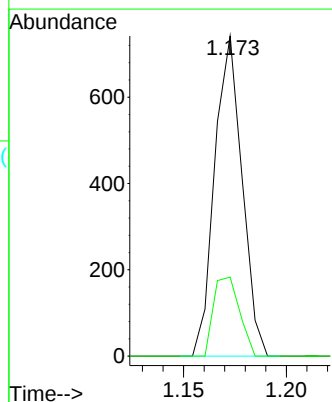
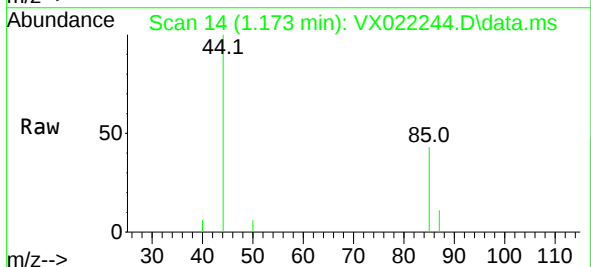
Instrument :
MSVOA_X
ClientSampled :

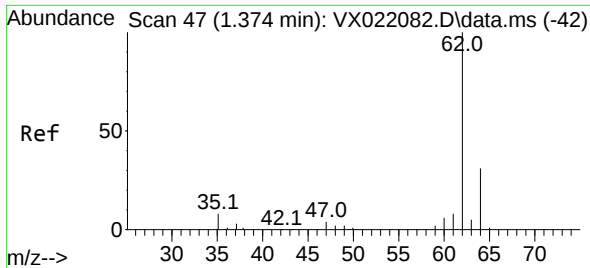
Tgt Ion:168 Resp: 66476
Ion Ratio Lower Upper
168 100
99 67.8 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.85 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX022244.D
Acq: 27 May 2021 19:48

Tgt Ion: 85 Resp: 687
Ion Ratio Lower Upper
85 100
87 24.7 16.4 49.2

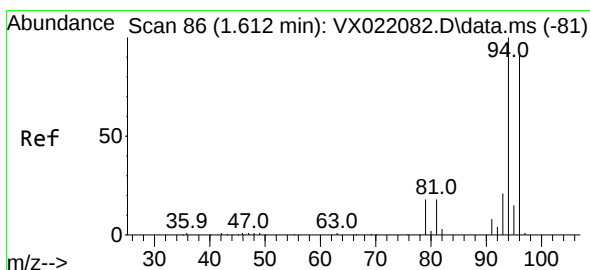
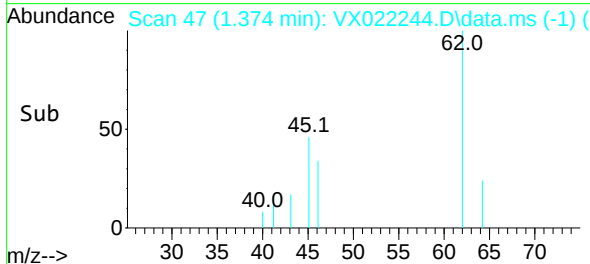
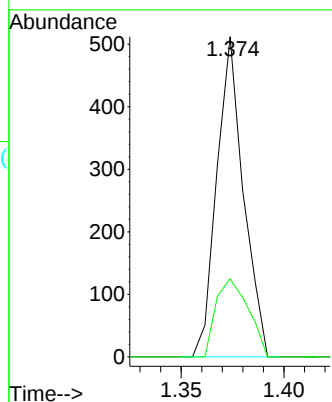
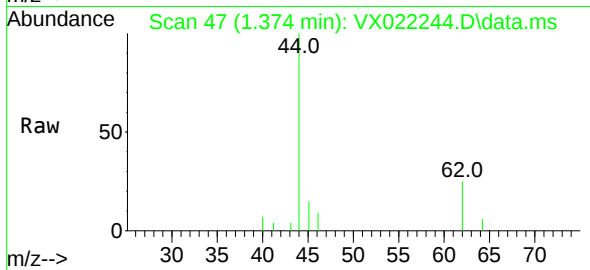




#4
 Vinyl Chloride
 Concen: 0.50 ug/l
 RT: 1.374 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX022244.D
 Acq: 27 May 2021 19:48

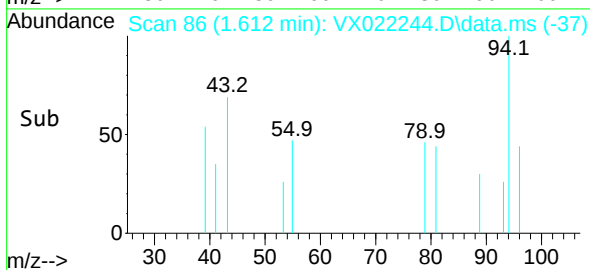
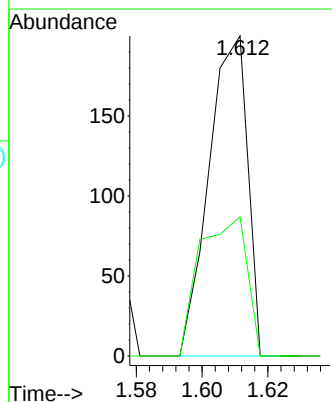
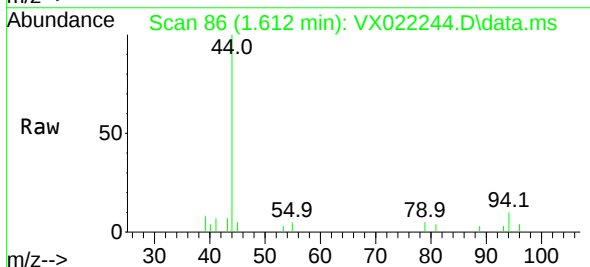
Instrument :
 MSVOA_X
 ClientSampleId :

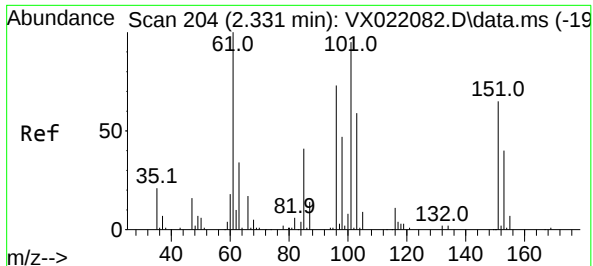
Tgt Ion: 62 Resp: 460
 Ion Ratio Lower Upper
 62 100
 64 24.4 25.7 38.5#



#5
 Bromomethane
 Concen: 0.30 ug/l
 RT: 1.612 min Scan# 86
 Delta R.T. -0.000 min
 Lab File: VX022244.D
 Acq: 27 May 2021 19:48

Tgt Ion: 94 Resp: 163
 Ion Ratio Lower Upper
 94 100
 96 43.5 76.4 114.6#

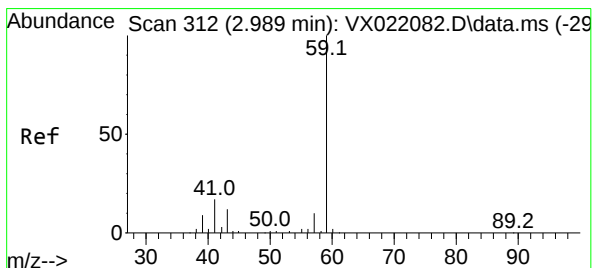
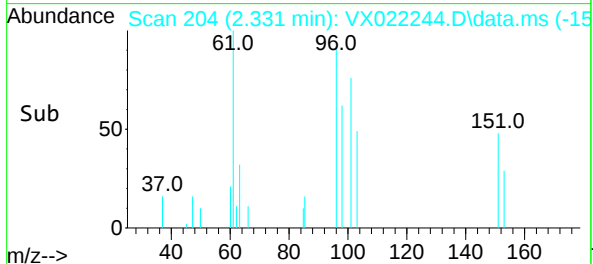
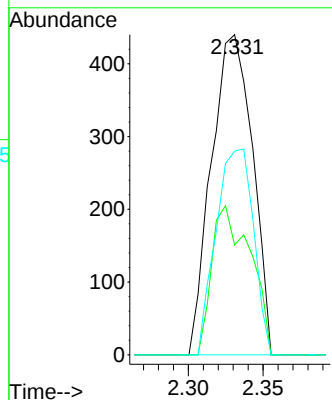
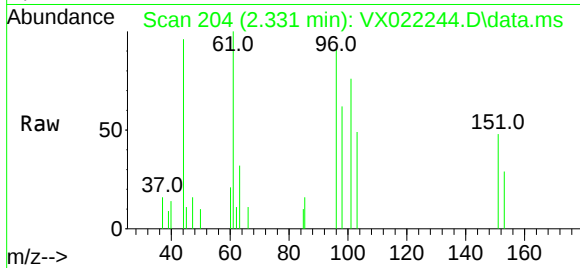




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.07 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX022244.D
Acq: 27 May 2021 19:48

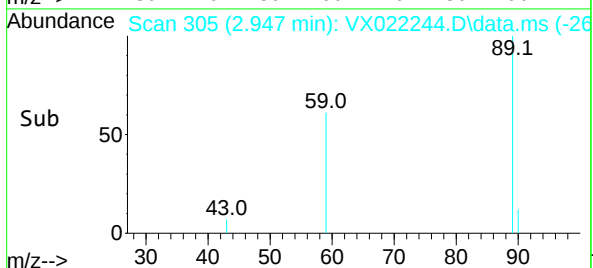
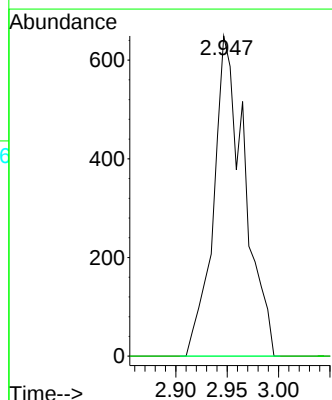
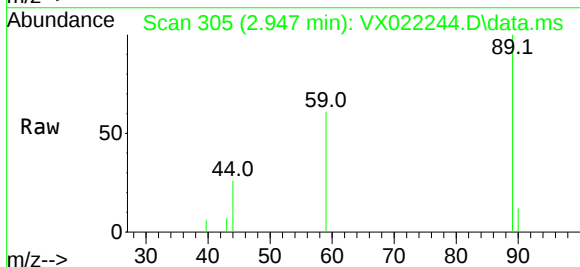
Instrument :
MSVOA_X
ClientSampleId :

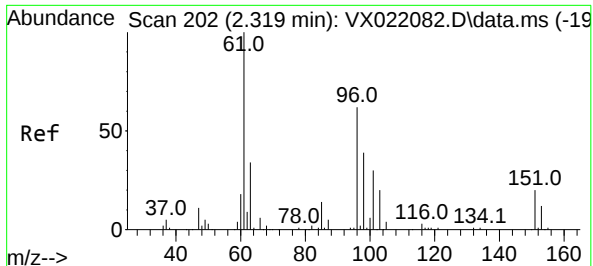
Tgt Ion:101 Resp: 842
Ion Ratio Lower Upper
101 100
85 43.5 34.9 52.3
151 58.4 61.4 92.2#



#11
Tert butyl alcohol
Concen: 5.82 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.042 min
Lab File: VX022244.D
Acq: 27 May 2021 19:48

Tgt Ion: 59 Resp: 1366
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#12

1,1-Dichloroethene

Concen: 1.74 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX022244.D

Acq: 27 May 2021 19:48

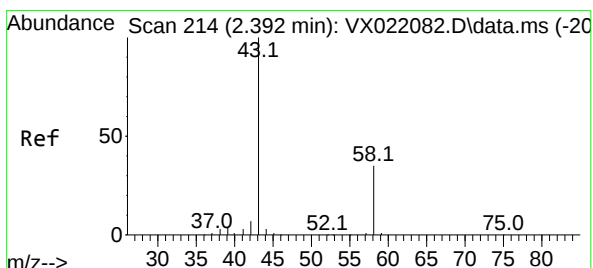
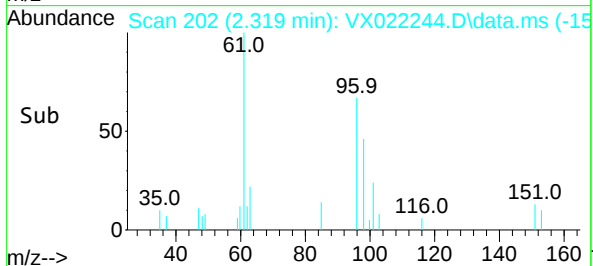
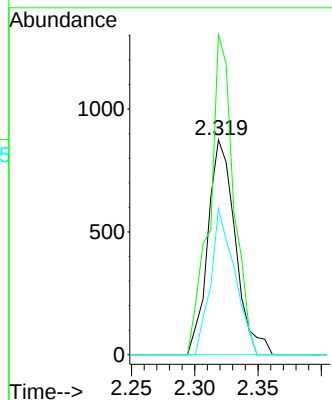
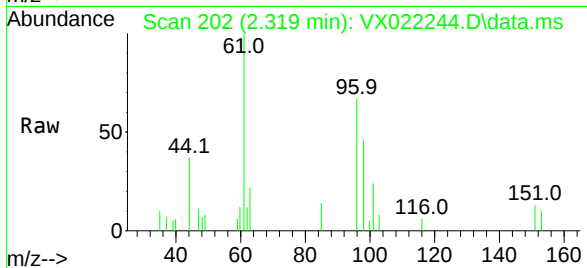
Tgt Ion: 96 Resp: 1327

Ion Ratio Lower Upper

96 100

61 148.9 124.6 187.0

98 67.9 50.6 76.0



#16

Acetone

Concen: 1.28 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX022244.D

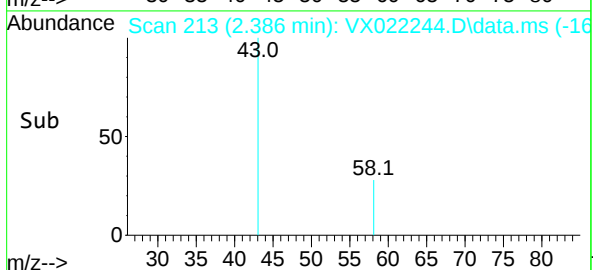
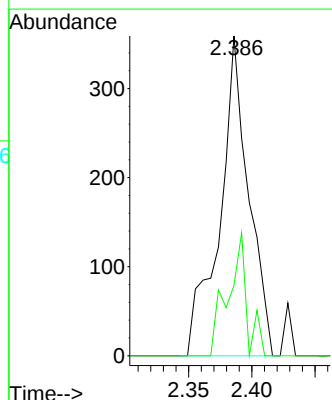
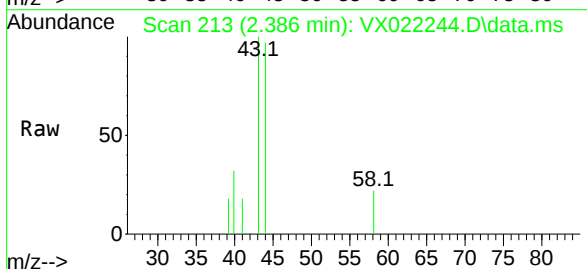
Acq: 27 May 2021 19:48

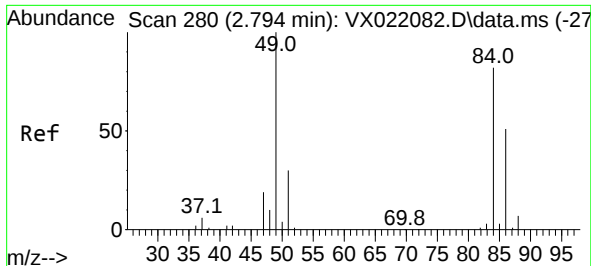
Tgt Ion: 43 Resp: 570

Ion Ratio Lower Upper

43 100

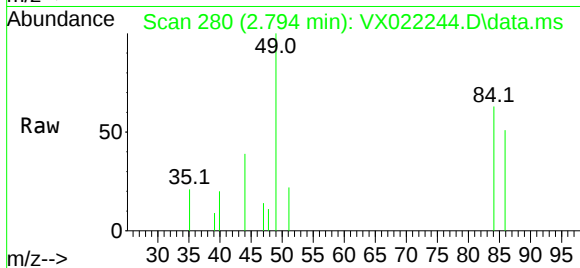
58 22.0 27.8 41.8#





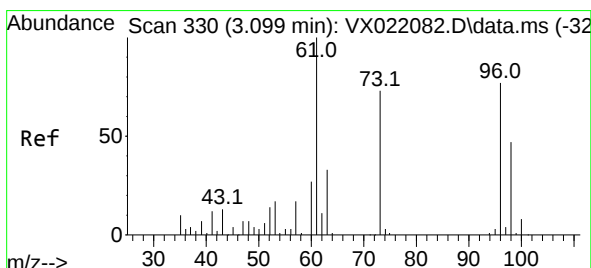
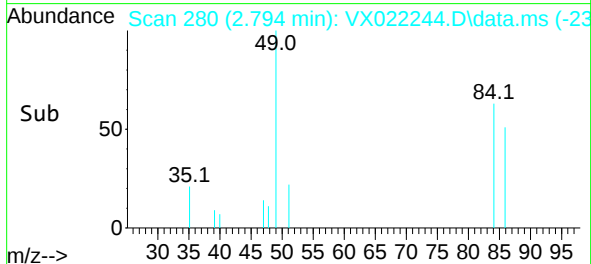
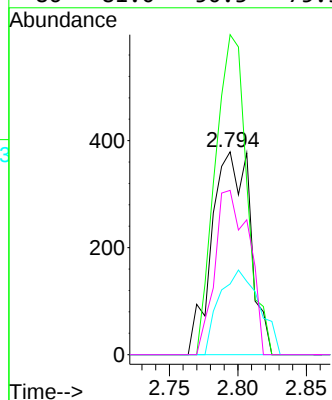
#20
Methylene Chloride
Concen: 0.74 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022244.D
Acq: 27 May 2021 19:48

Instrument :
MSVOA_X
ClientSampled :

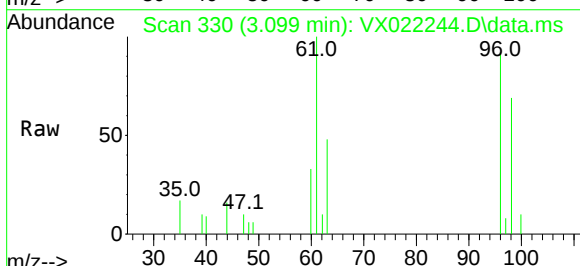


Tgt Ion: 84 Resp: 738

Ion	Ratio	Lower	Upper
84	100		
49	157.8	88.6	132.8#
51	34.8	27.0	40.6
86	81.0	50.3	75.5#

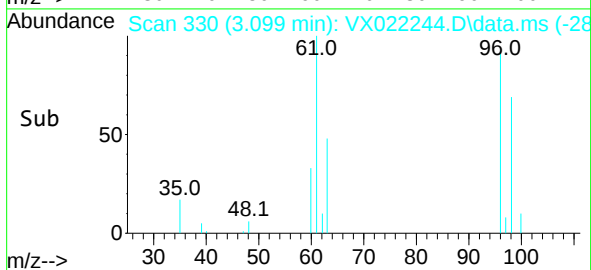
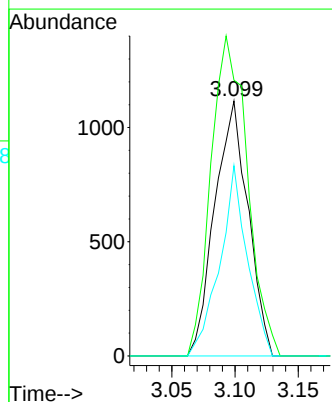


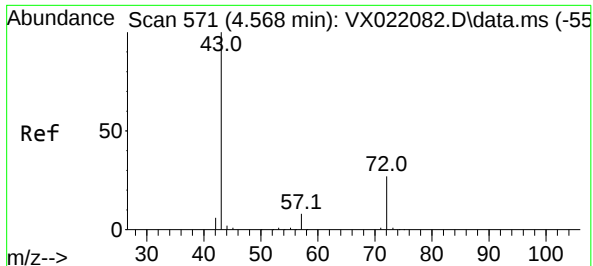
#21
trans-1,2-Dichloroethene
Concen: 2.46 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.000 min
Lab File: VX022244.D
Acq: 27 May 2021 19:48



Tgt Ion: 96 Resp: 2041

Ion	Ratio	Lower	Upper
96	100		
61	108.2	107.7	161.5
98	74.6	50.4	75.6





#25

2-Butanone

Concen: 0.21 ug/l

RT: 4.587 min Scan# 574

Delta R.T. 0.019 min

Lab File: VX022244.D

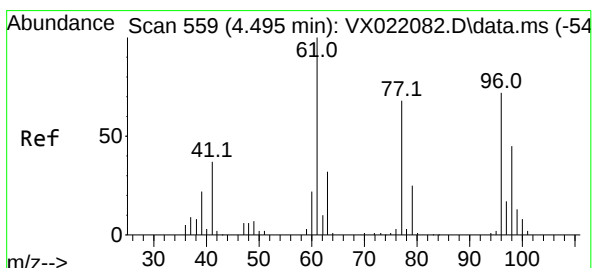
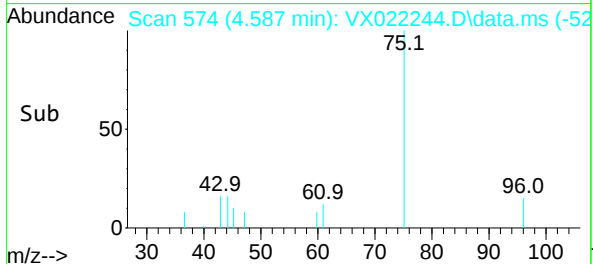
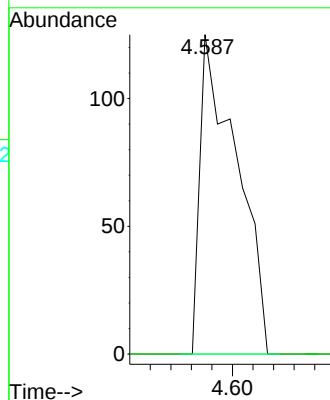
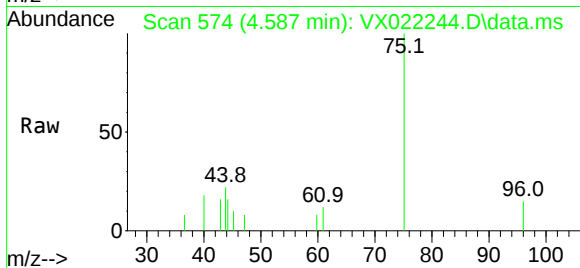
Acq: 27 May 2021 19:48

Tgt Ion: 43 Resp: 155

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#27

cis-1,2-Dichloroethene

Concen: 70.61 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.000 min

Lab File: VX022244.D

Acq: 27 May 2021 19:48

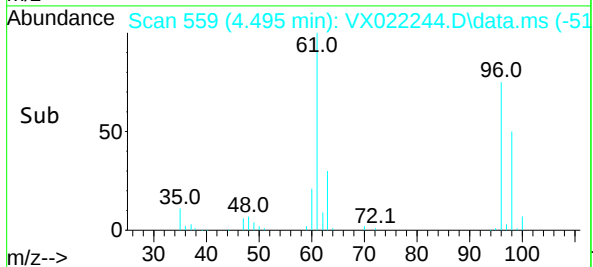
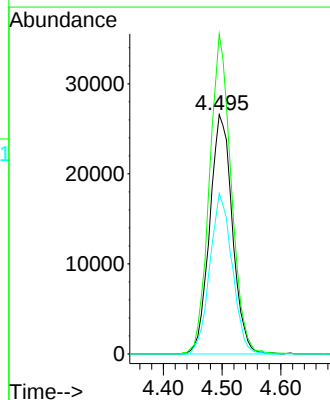
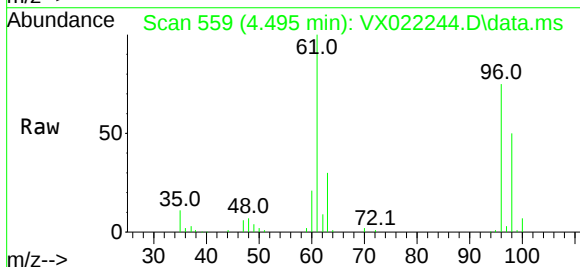
Tgt Ion: 96 Resp: 71160

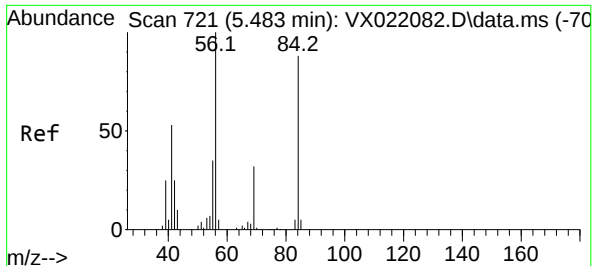
Ion Ratio Lower Upper

96 100

61 128.4 0.0 285.6

98 66.1 0.0 129.6

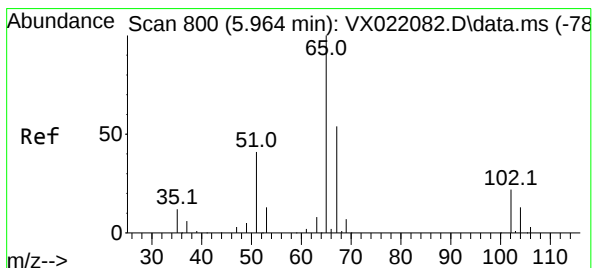
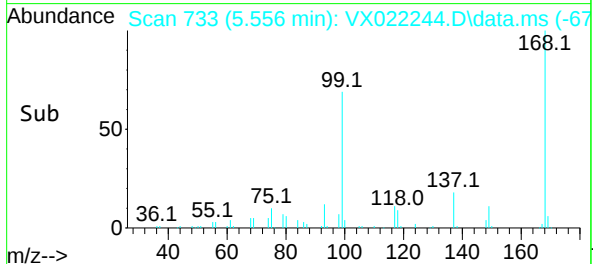
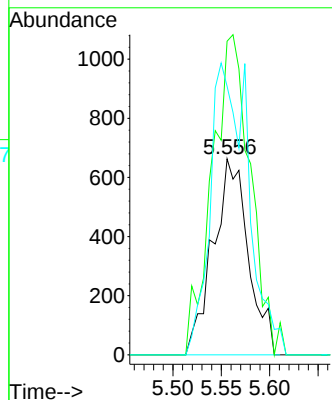
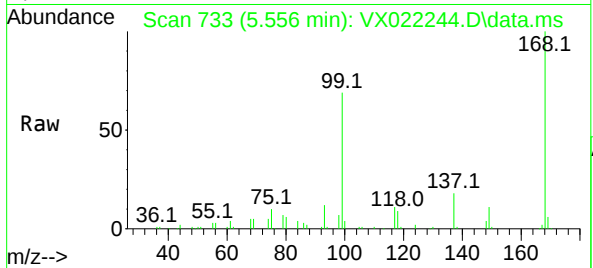




#31
Cyclohexane
Concen: 1.30 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.073 min
Lab File: VX022244.D
Acq: 27 May 2021 19:48

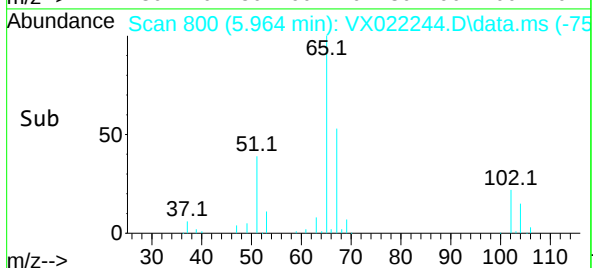
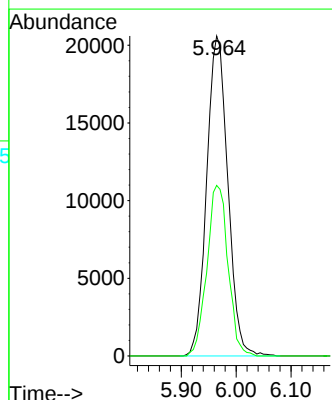
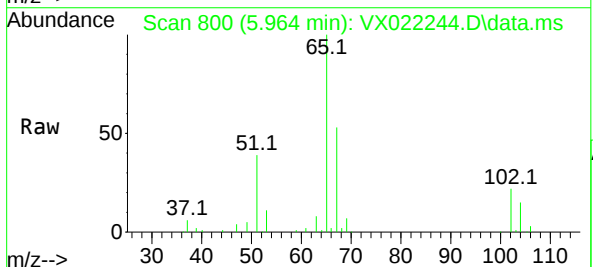
Instrument :
MSVOA_X
ClientSampleId :

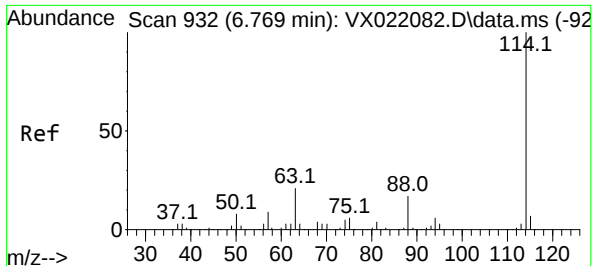
Tgt Ion: 56 Resp: 1678
Ion Ratio Lower Upper
56 100
69 160.0 25.3 37.9#
84 137.1 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 53.66 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022244.D
Acq: 27 May 2021 19:48

Tgt Ion: 65 Resp: 55021
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.4

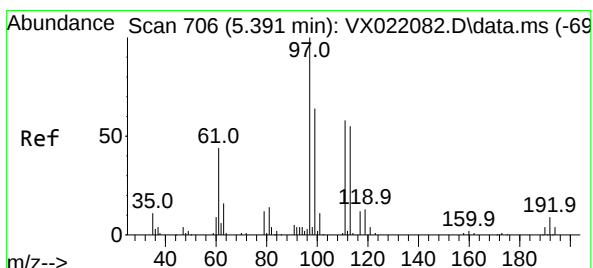
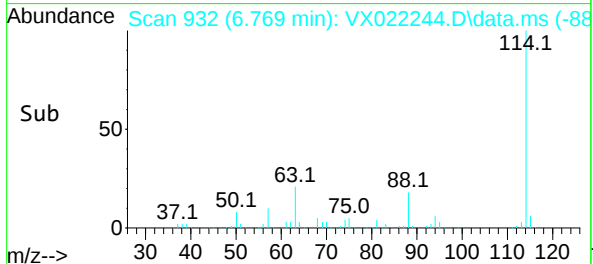
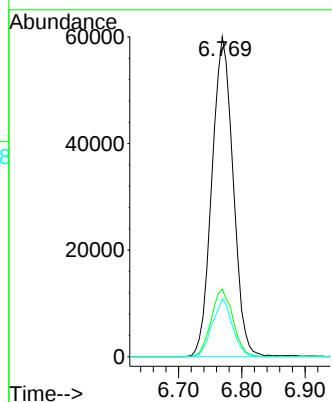
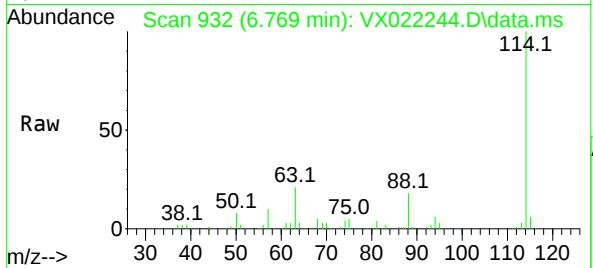




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022244.D
Acq: 27 May 2021 19:48

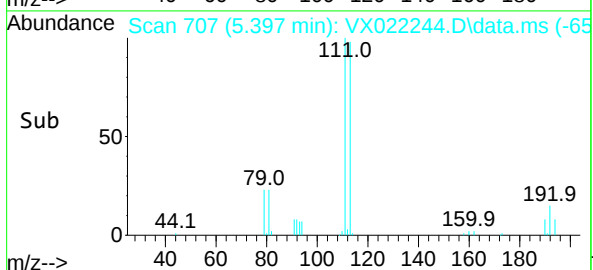
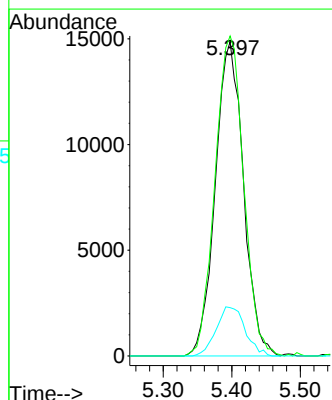
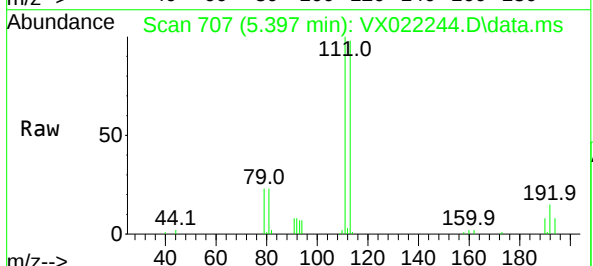
Instrument :
MSVOA_X
ClientSampled :

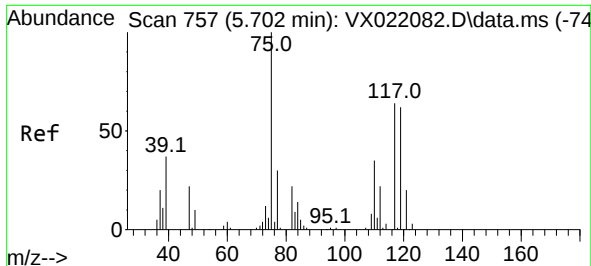
Tgt Ion:114 Resp: 139958
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.8
88 18.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.59 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022244.D
Acq: 27 May 2021 19:48

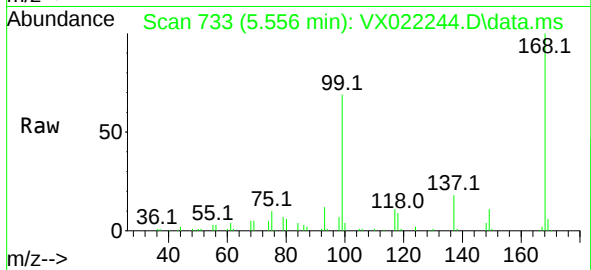
Tgt Ion:113 Resp: 42240
Ion Ratio Lower Upper
113 100
111 103.9 81.9 122.9
192 16.1 16.7 25.1#



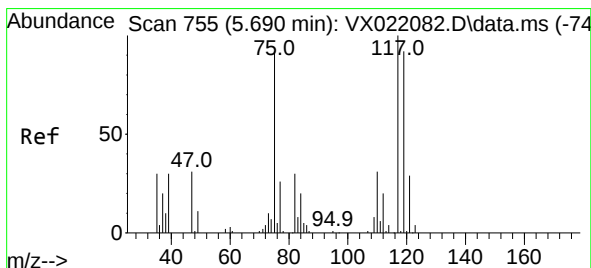
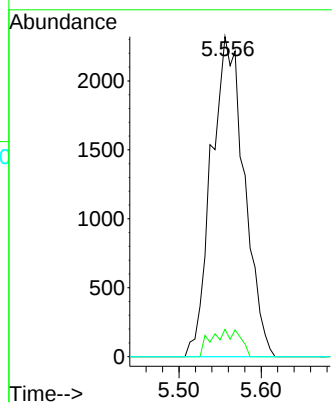
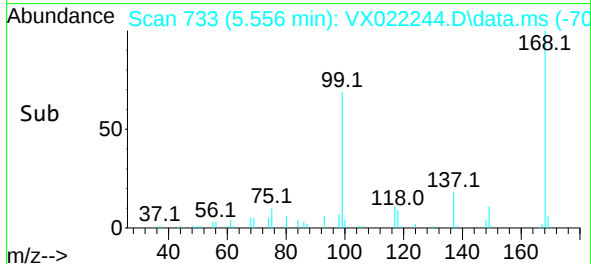


#36
1,1-Dichloropropene
Concen: 4.99 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022244.D
Acq: 27 May 2021 19:48

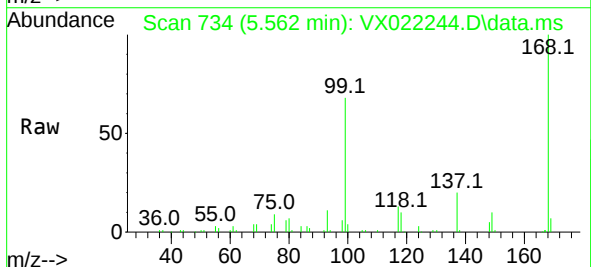
Instrument :
MSVOA_X
ClientSampled :



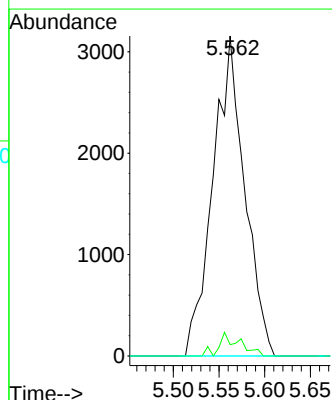
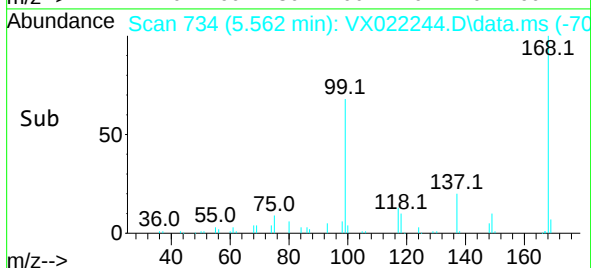
Tgt Ion: 75 Resp: 6463
Ion Ratio Lower Upper
75 100
110 7.3 18.1 54.4#
77 0.0 25.3 37.9#

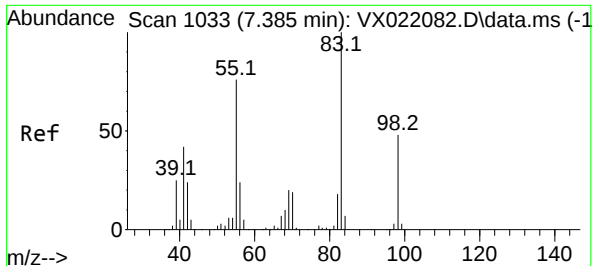


#38
Carbon Tetrachloride
Concen: 6.01 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022244.D
Acq: 27 May 2021 19:48



Tgt Ion: 117 Resp: 7612
Ion Ratio Lower Upper
117 100
119 3.5 76.2 114.2#
121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 2.65 ug/l

RT: 7.129 min Scan# 991

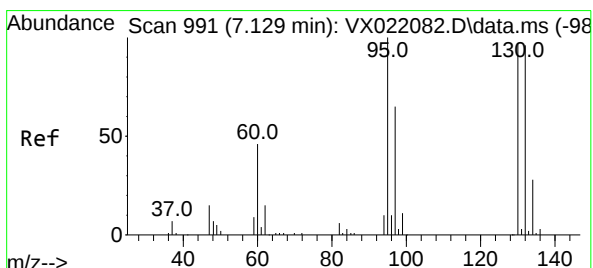
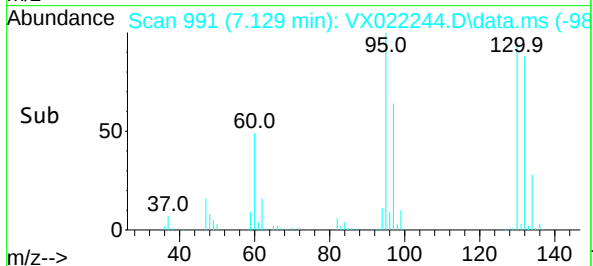
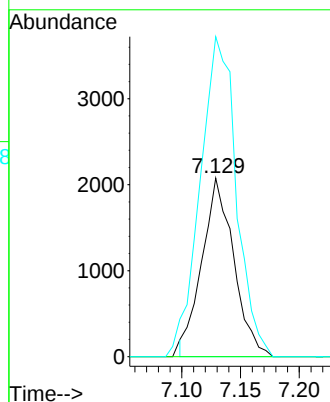
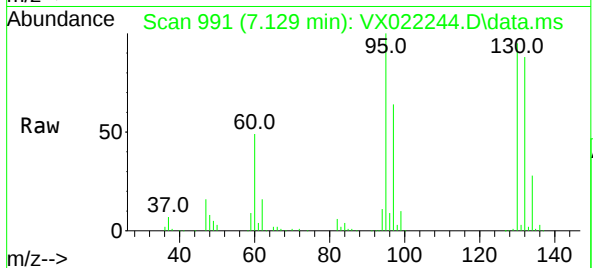
Delta R.T. -0.256 min

Lab File: VX022244.D

Acq: 27 May 2021 19:48

Tgt Ion: 83	Resp: 3889
Ion Ratio	Lower Upper
83 100	
55 0.0	58.9 88.3#
98 179.3	38.1 57.1#

Instrument :
MSVOA_X
ClientSampled :



#44

Trichloroethene

Concen: 290.69 ug/l

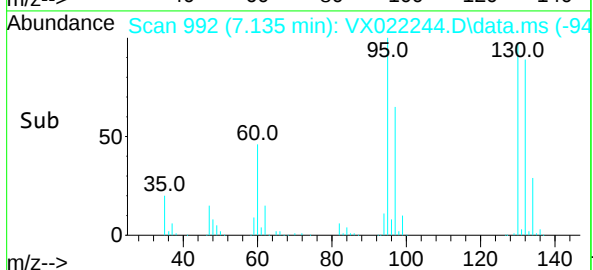
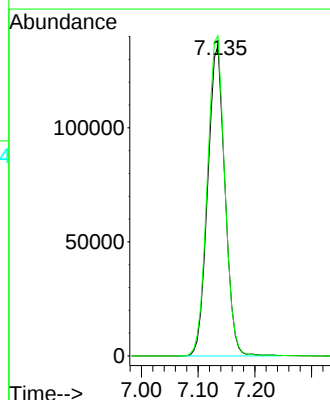
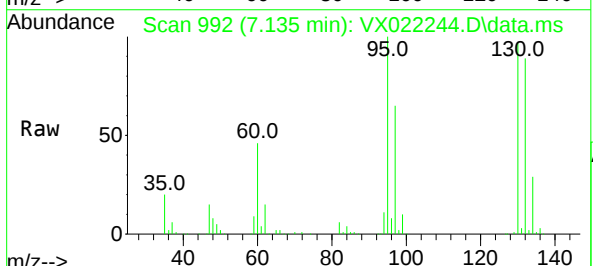
RT: 7.135 min Scan# 992

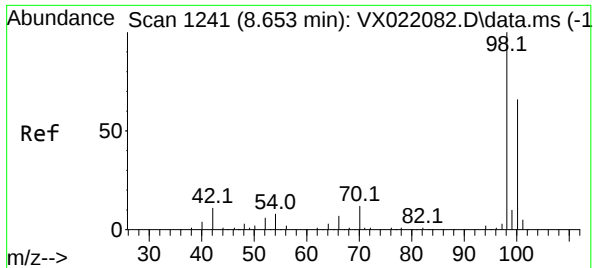
Delta R.T. 0.006 min

Lab File: VX022244.D

Acq: 27 May 2021 19:48

Tgt Ion:130	Resp: 287640
Ion Ratio	Lower Upper
130 100	
95 103.2	0.0 198.0

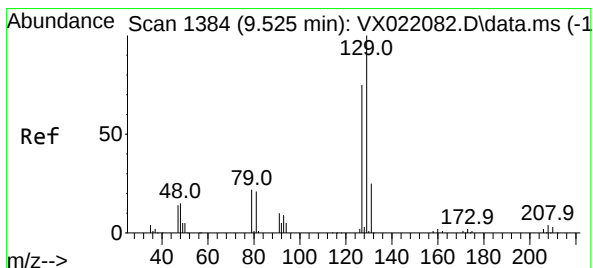
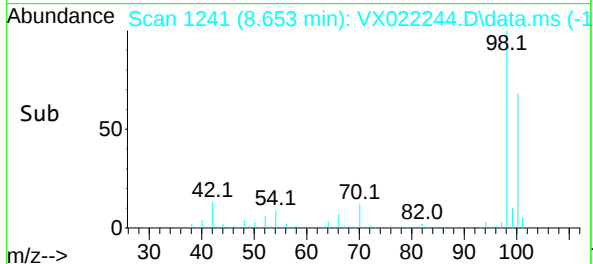
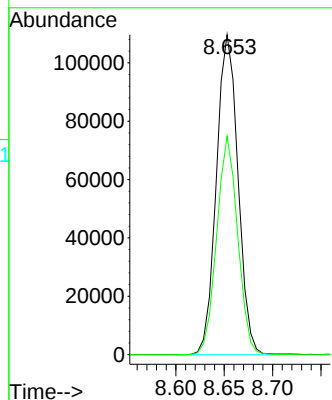
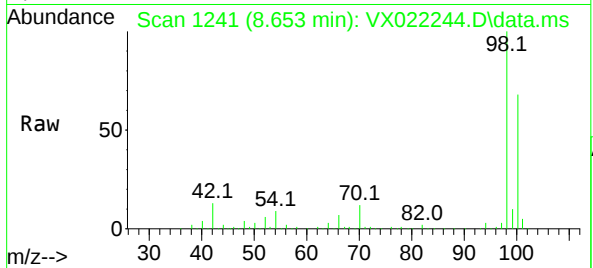




#50
Toluene-d8
Concen: 49.76 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022244.D
Acq: 27 May 2021 19:48

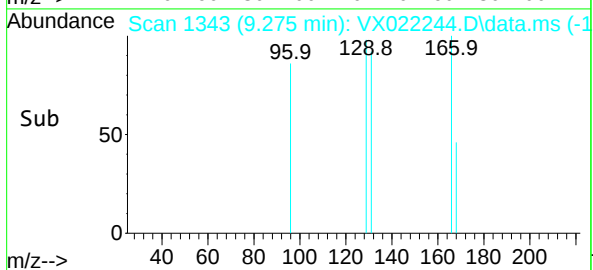
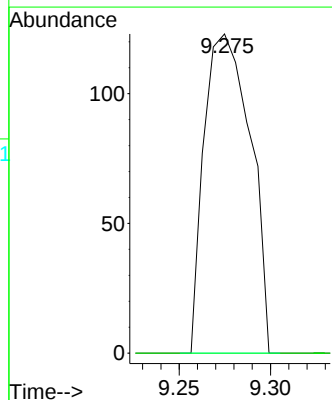
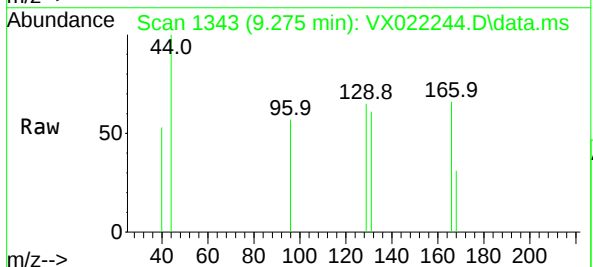
Instrument :
MSVOA_X
ClientSampled :

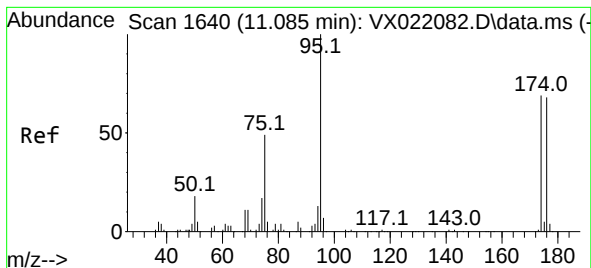
Tgt Ion: 98 Resp: 170138
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9



#60
Dibromochloromethane
Concen: 0.22 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX022244.D
Acq: 27 May 2021 19:48

Tgt Ion: 129 Resp: 216
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

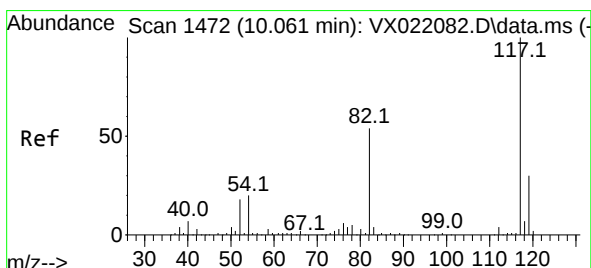
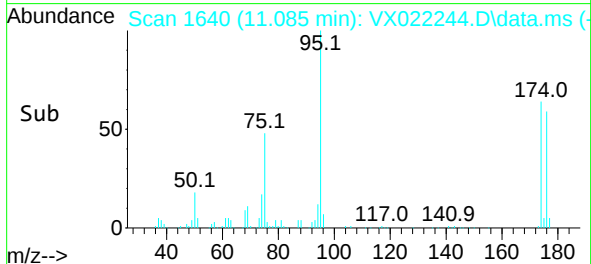
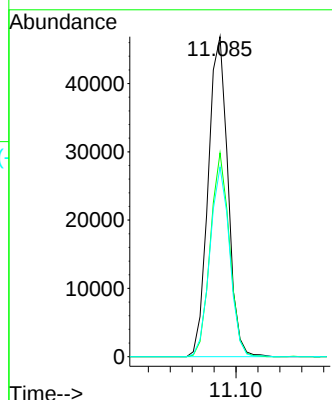
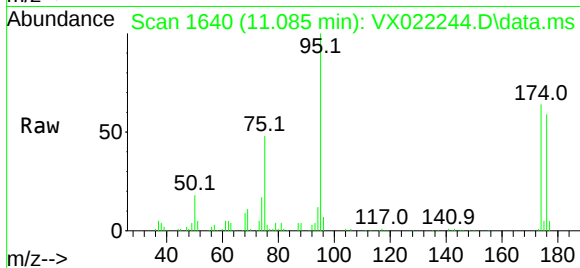




#62
4-Bromofluorobenzene
Concen: 46.34 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022244.D
Acq: 27 May 2021 19:48

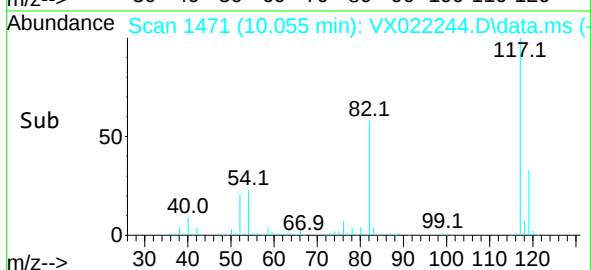
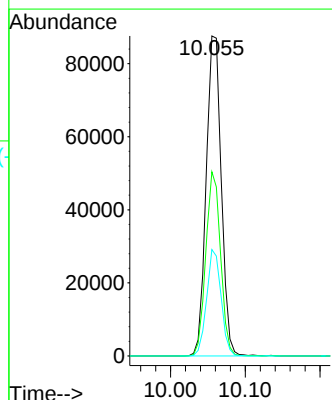
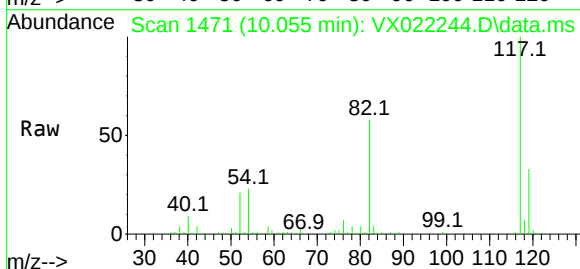
Instrument :
MSVOA_X
ClientSampled :

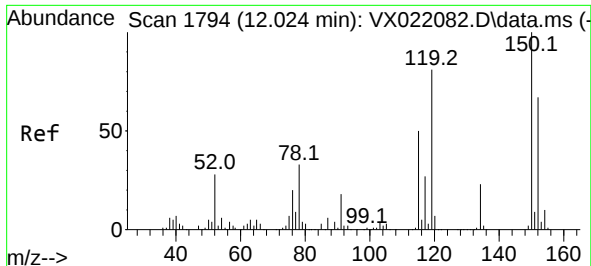
Tgt Ion: 95 Resp: 58556
Ion Ratio Lower Upper
95 100
174 61.8 0.0 154.6
176 59.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022244.D
Acq: 27 May 2021 19:48

Tgt Ion: 117 Resp: 123062
Ion Ratio Lower Upper
117 100
82 57.5 47.4 71.2
119 33.3 26.6 39.8

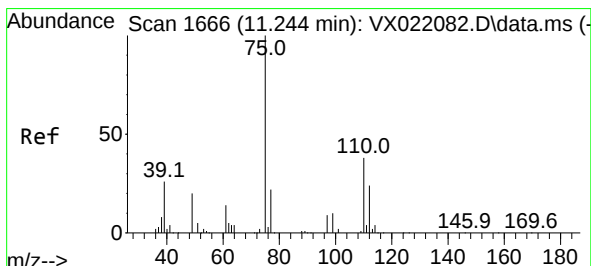
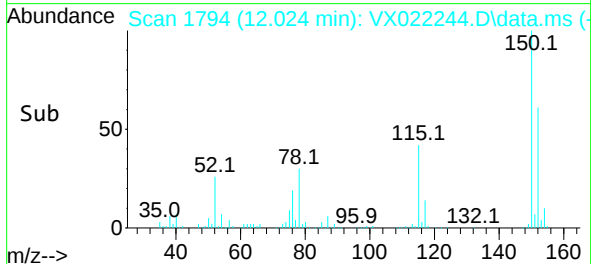
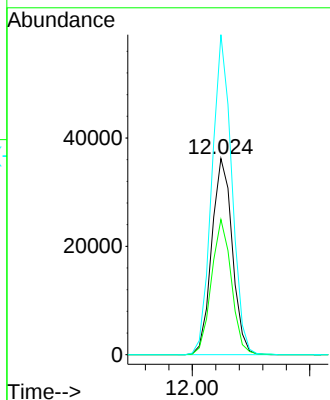
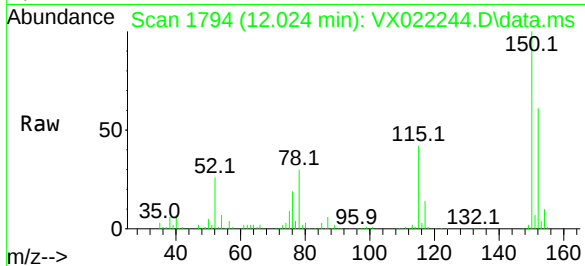




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022244.D
Acq: 27 May 2021 19:48

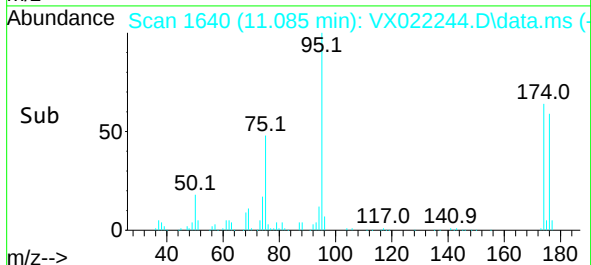
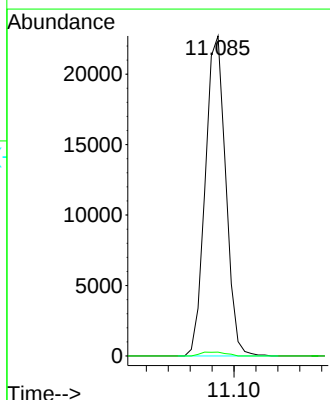
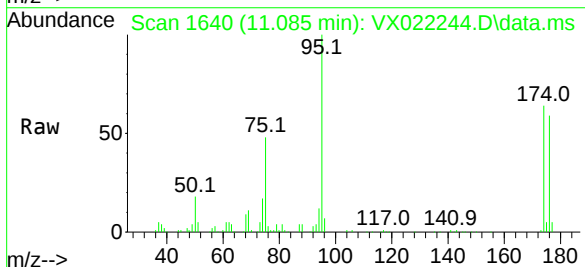
Instrument :
MSVOA_X
ClientSampled :

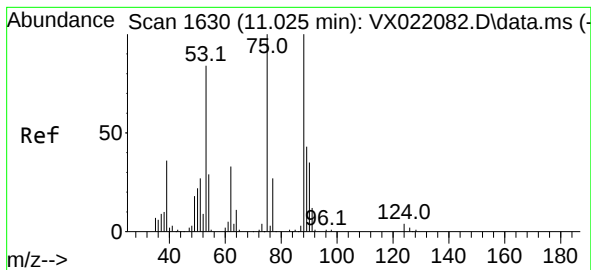
Tgt Ion:152 Resp: 44021
Ion Ratio Lower Upper
152 100
115 66.8 41.1 123.3
150 158.0 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 27.06 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022244.D
Acq: 27 May 2021 19:48

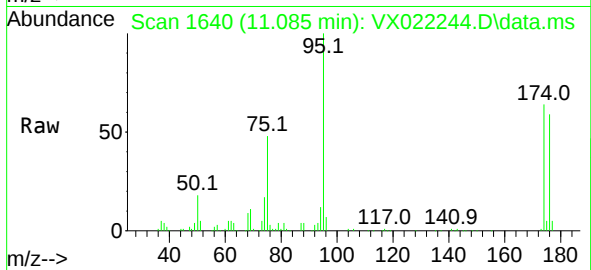
Tgt Ion: 75 Resp: 29384
Ion Ratio Lower Upper
75 100
77 1.5 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.11 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022244.D
 Acq: 27 May 2021 19:48

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 29384
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

