

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010422\
 Data File : VX026296.D
 Acq On : 05 Jan 2022 01:51
 Operator : JC/MD
 Sample : PB141821ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

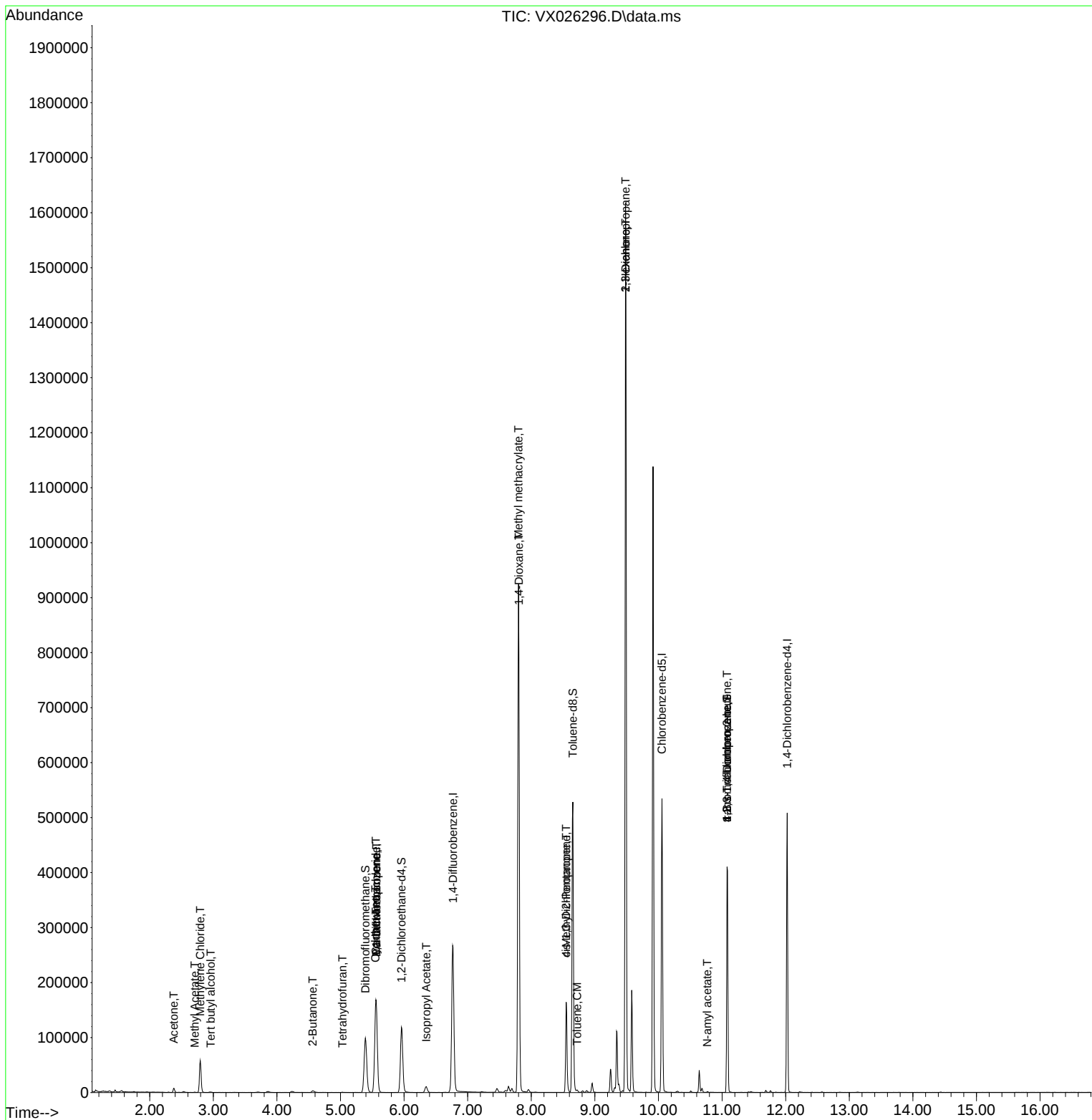
Quant Time: Jan 05 06:42:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

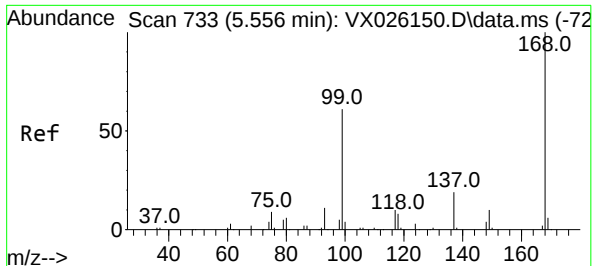
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	151385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	261540	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98008	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	116452	53.172	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.340%			
35) Dibromofluoromethane	5.391	113	85772	50.444	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.880%			
50) Toluene-d8	8.653	98	305405	48.288	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.580%			
62) 4-Bromofluorobenzene	11.079	95	114936	51.048	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.100%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.958	59	853	1.950	ug/l #	79
16) Acetone	2.379	43	8456	7.126	ug/l	93
18) Methyl Acetate	2.709	43	882	0.229	ug/l #	83
20) Methylene Chloride	2.794	84	25578	12.777	ug/l	95
25) 2-Butanone	4.562	43	4757	2.878	ug/l #	84
29) Tetrahydrofuran	5.031	42	556	0.534	ug/l #	45
31) Cyclohexane	5.549	56	3680	1.180	ug/l #	19
36) 1,1-Dichloropropene	5.562	75	13036	4.753	ug/l #	49
38) Carbon Tetrachloride	5.556	117	16637	5.454	ug/l #	14
43) Isopropyl Acetate	6.348	43	15672	3.024	ug/l	96
48) Methyl methacrylate	7.799	41	81482	32.783	ug/l #	42
49) 1,4-Dioxane	7.805	88	51	1.113	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	57818	17.927	ug/l #	49
52) Toluene	8.720	92	1178	0.244	ug/l	89
54) cis-1,3-Dichloropropene	8.549	75	25253	7.908	ug/l #	62
57) 1,3-Dichloropropane	9.482	76	13935	4.108	ug/l #	42
59) 2-Hexanone	9.482	43	207464	84.922	ug/l #	49
74) N-amyl acetate	10.768	43	735	0.210	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	59606	25.196	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	59606	72.893	ug/l #	10

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

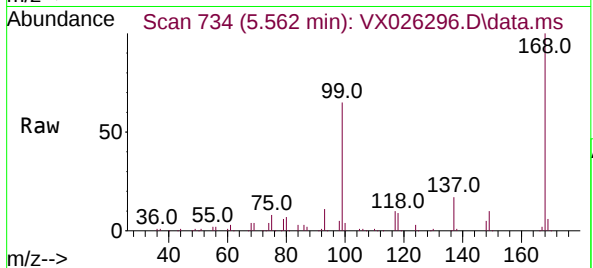
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Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration



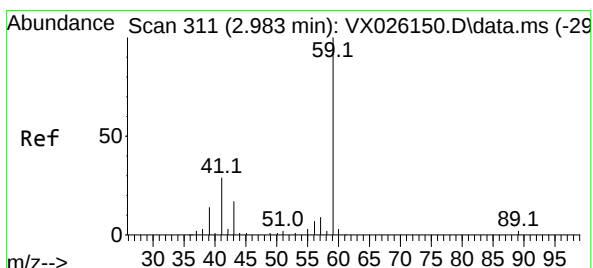
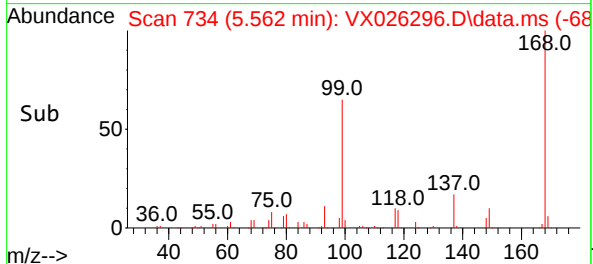
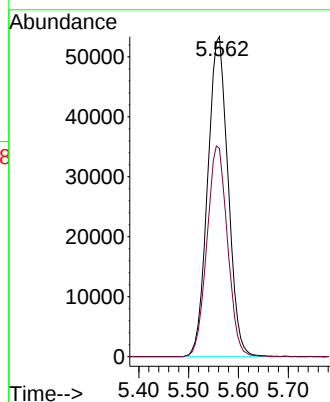


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026296.D
Acq: 05 Jan 2022 01:51

Instrument :
MSVOA_X
ClientSampleId :

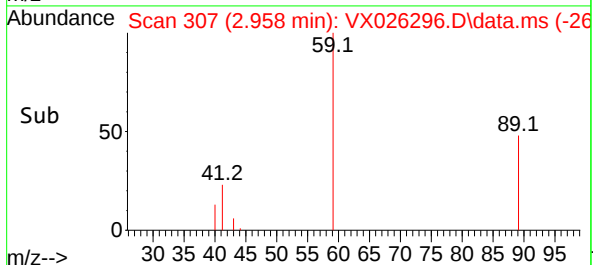
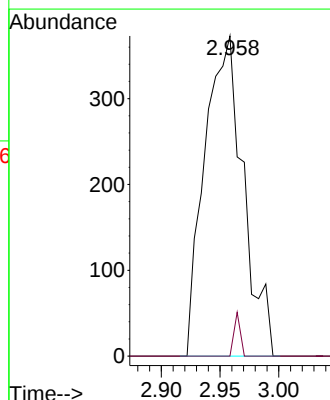
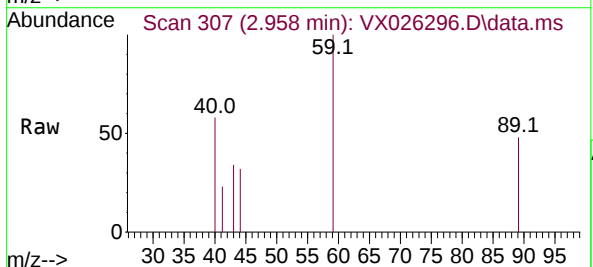


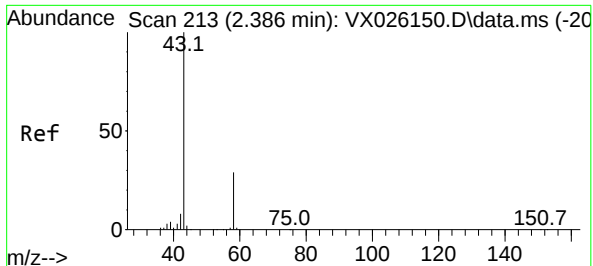
Tgt Ion:168 Resp: 151385
Ion Ratio Lower Upper
168 100
99 65.1 45.8 68.8



#11
Tert butyl alcohol
Concen: 1.950 ug/l
RT: 2.958 min Scan# 307
Delta R.T. -0.025 min
Lab File: VX026296.D
Acq: 05 Jan 2022 01:51

Tgt Ion: 59 Resp: 853
Ion Ratio Lower Upper
59 100
57 2.2 8.2 12.2#

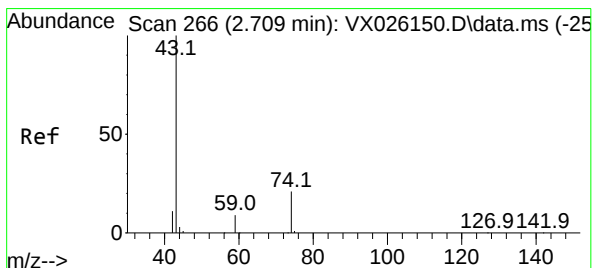
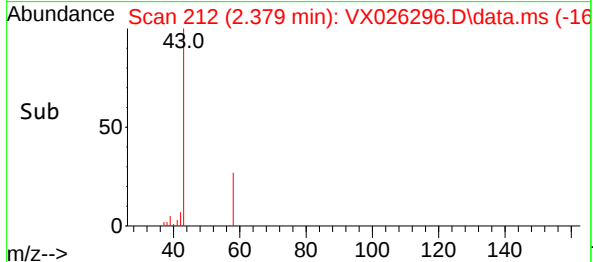
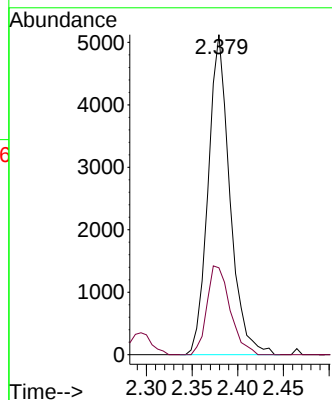
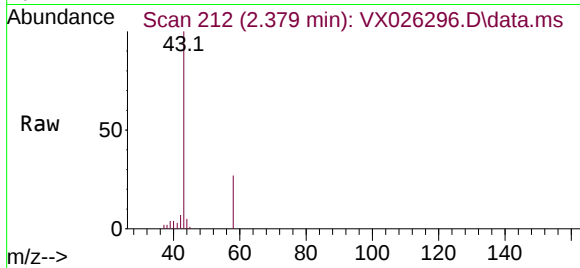




#16
Acetone
Concen: 7.126 ug/l
RT: 2.379 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX026296.D
Acq: 05 Jan 2022 01:51

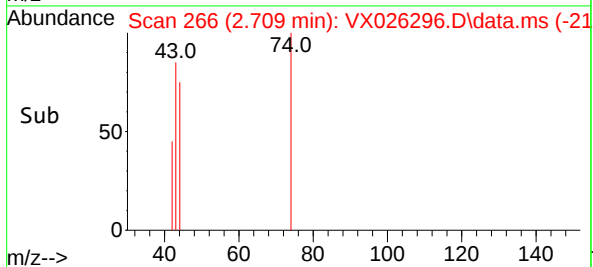
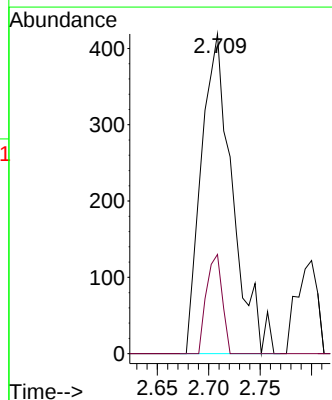
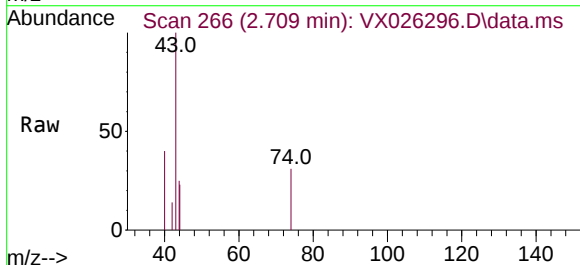
Instrument :
MSVOA_X
ClientSampleId :

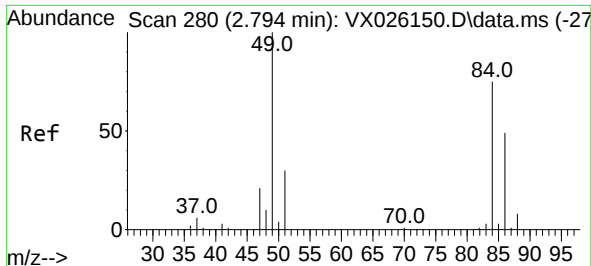
Tgt Ion: 43 Resp: 8456
Ion Ratio Lower Upper
43 100
58 27.1 24.8 37.2



#18
Methyl Acetate
Concen: 0.229 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX026296.D
Acq: 05 Jan 2022 01:51

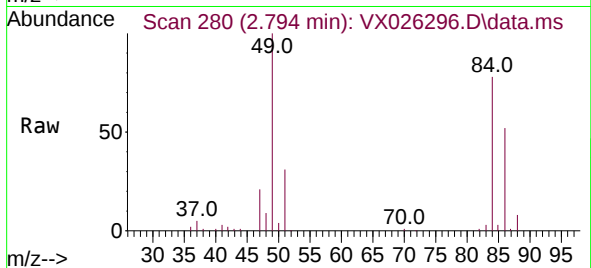
Tgt Ion: 43 Resp: 882
Ion Ratio Lower Upper
43 100
74 15.6 19.1 28.7#



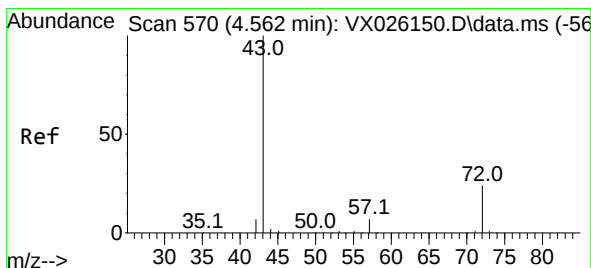
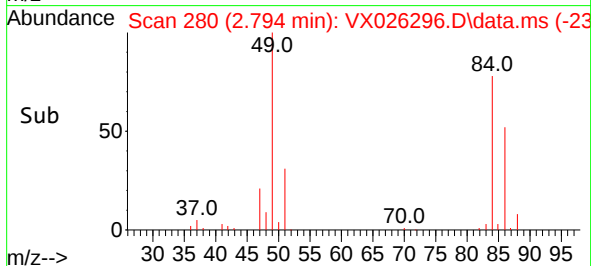
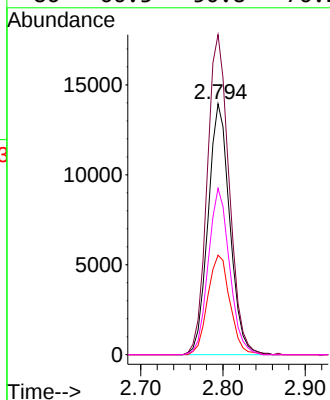


#20
Methylene Chloride
Concen: 12.777 ug/l
RT: 2.794 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX026296.D
Acq: 05 Jan 2022 01:51

Instrument :
MSVOA_X
ClientSampleId :

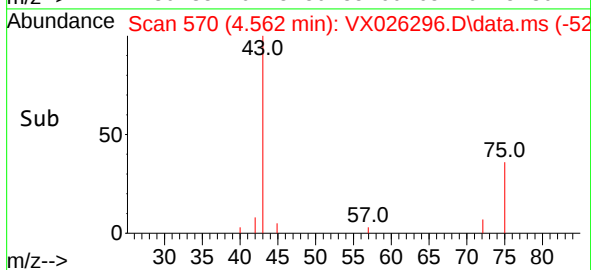
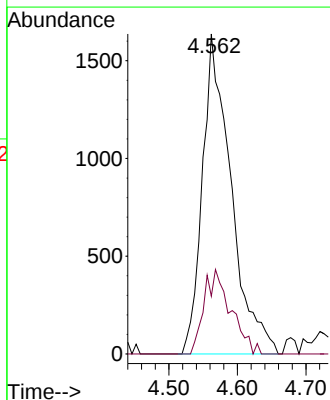
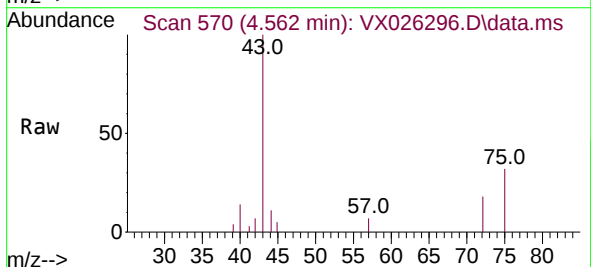


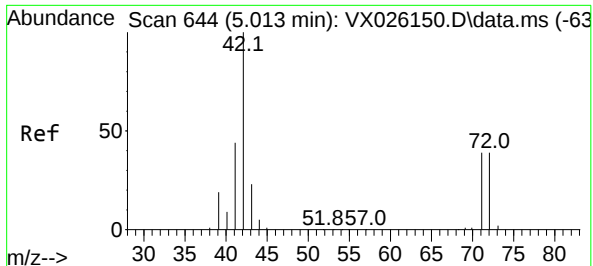
Tgt Ion:	84	Resp:	25578
Ion	Ratio	Lower	Upper
84	100		
49	127.6	97.1	145.7
51	39.7	29.3	43.9
86	66.3	50.8	76.2



#25
2-Butanone
Concen: 2.878 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.000 min
Lab File: VX026296.D
Acq: 05 Jan 2022 01:51

Tgt Ion:	43	Resp:	4757
Ion	Ratio	Lower	Upper
43	100		
72	18.1	21.0	31.4#





#29

Tetrahydrofuran

Concen: 0.534 ug/l

RT: 5.031 min Scan# 644

Delta R.T. 0.018 min

Lab File: VX026296.D

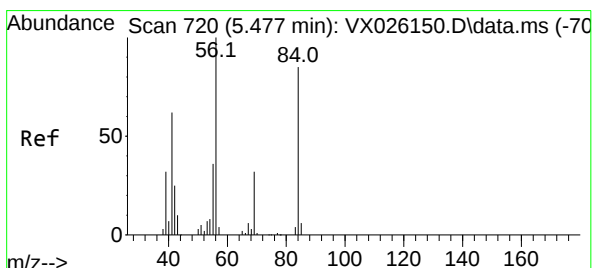
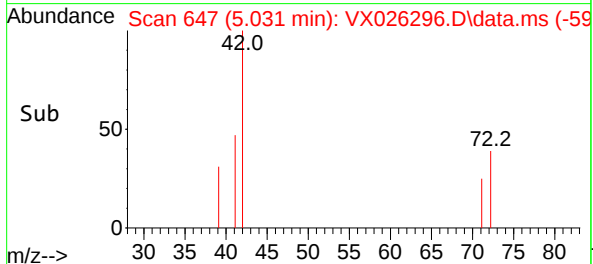
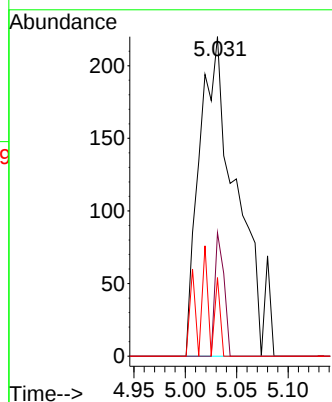
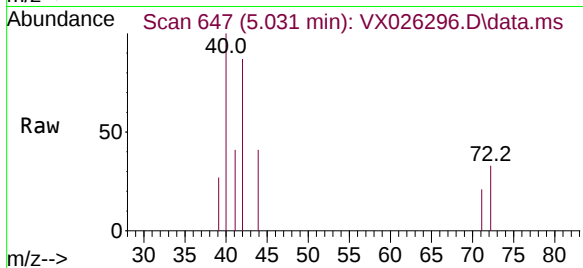
Acq: 05 Jan 2022 01:51

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	42	Resp:	556
Ion	Ratio	Lower	Upper
42	100		
72	9.4	37.0	55.6#
71	8.6	34.1	51.1#



#31

Cyclohexane

Concen: 1.180 ug/l

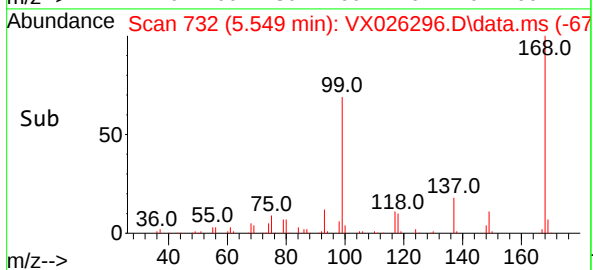
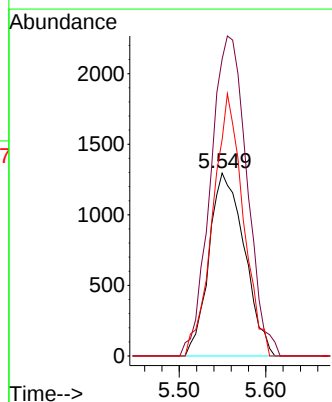
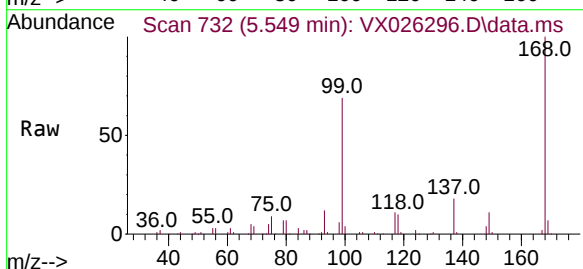
RT: 5.549 min Scan# 732

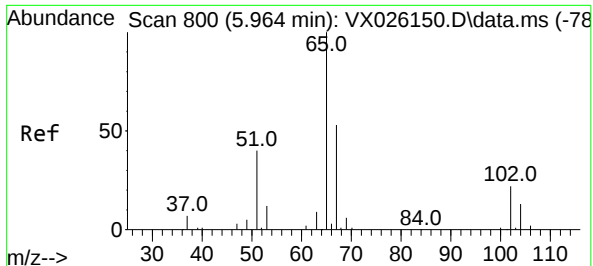
Delta R.T. 0.072 min

Lab File: VX026296.D

Acq: 05 Jan 2022 01:51

Tgt Ion:	56	Resp:	3680
Ion	Ratio	Lower	Upper
56	100		
69	162.3	23.9	35.9#
84	118.2	73.2	109.8#





#33

1,2-Dichloroethane-d4

Concen: 53.172 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026296.D

Acq: 05 Jan 2022 01:51

Instrument :

MSVOA_X

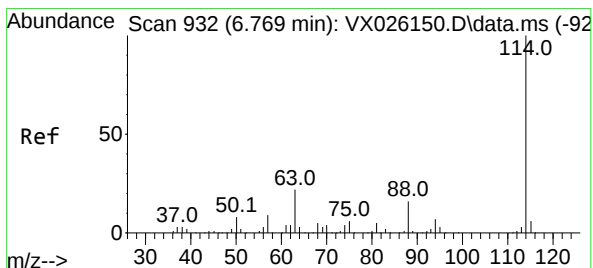
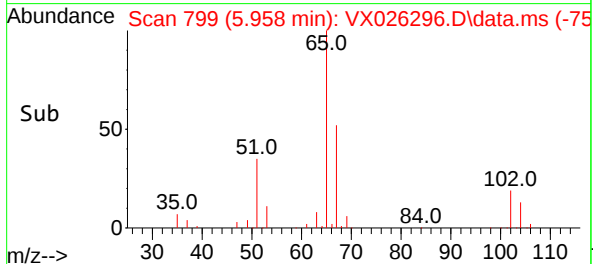
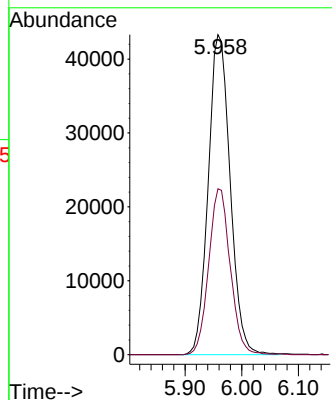
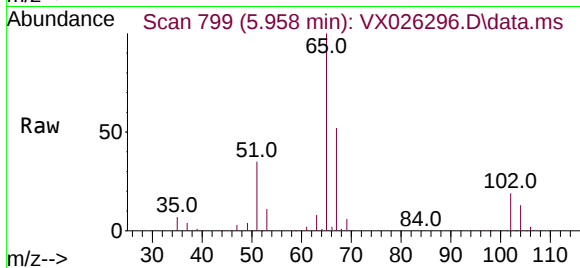
ClientSampleId :

Tgt Ion: 65 Resp: 116452

Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX026296.D

Acq: 05 Jan 2022 01:51

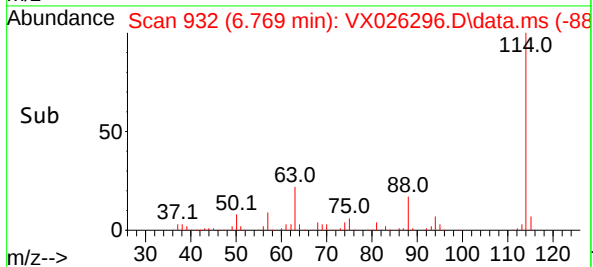
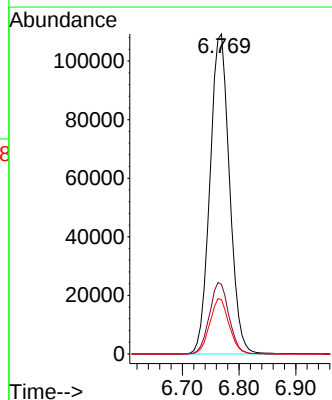
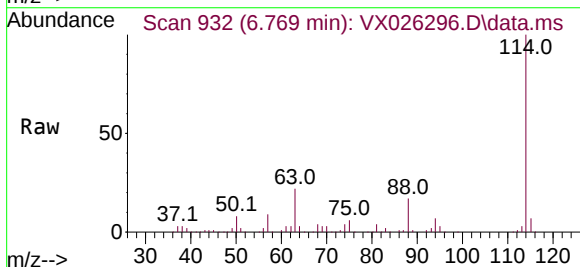
Tgt Ion: 114 Resp: 261540

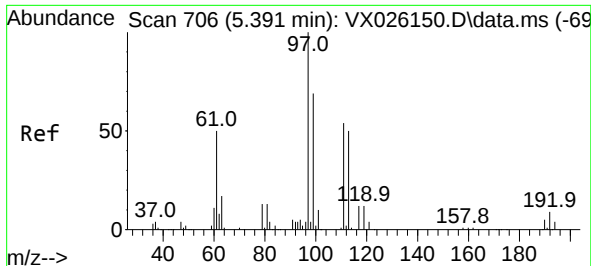
Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.0

88 17.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.444 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

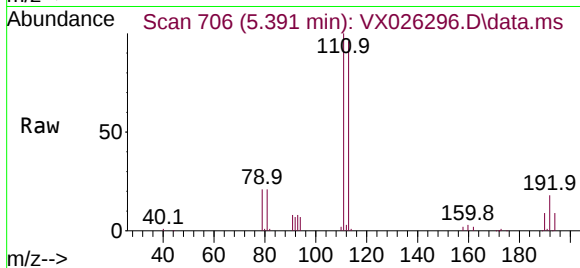
Lab File: VX026296.D

Acq: 05 Jan 2022 01:51

Instrument :

MSVOA_X

ClientSampleId :



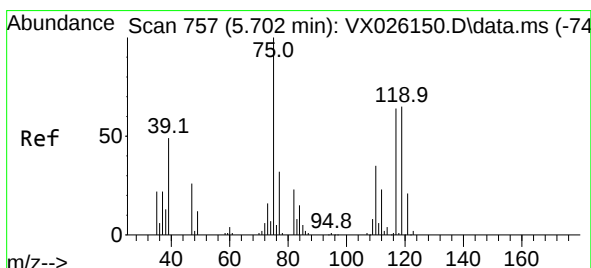
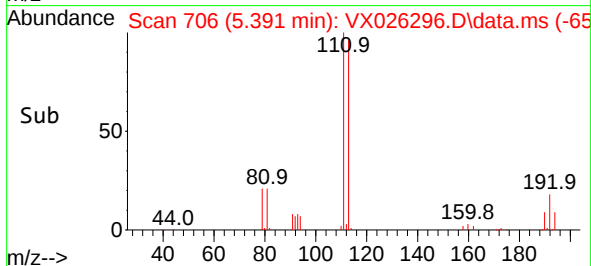
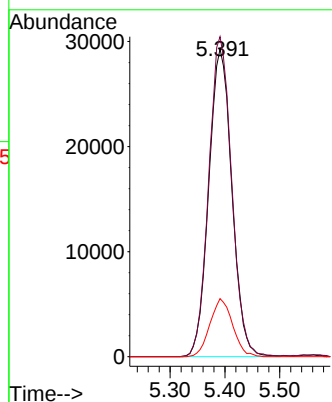
Tgt Ion:113 Resp: 85772

Ion Ratio Lower Upper

113 100

111 103.3 81.8 122.8

192 18.5 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.753 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX026296.D

Acq: 05 Jan 2022 01:51

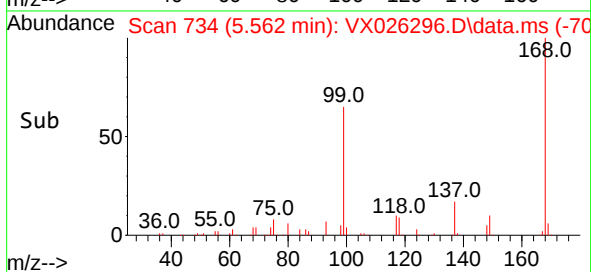
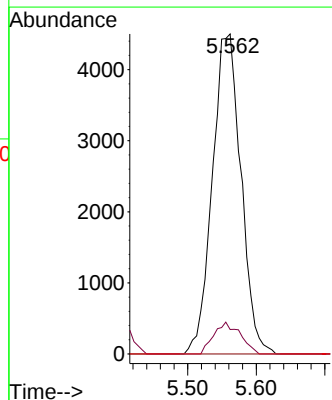
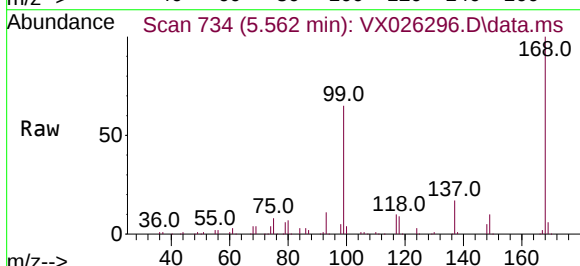
Tgt Ion: 75 Resp: 13036

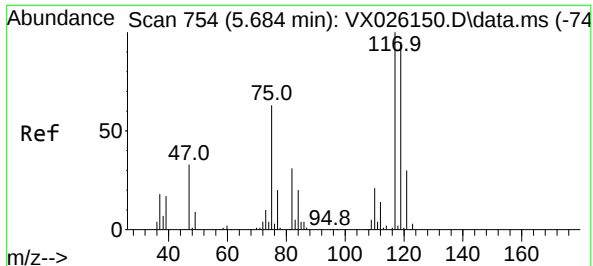
Ion Ratio Lower Upper

75 100

110 9.2 18.2 54.6#

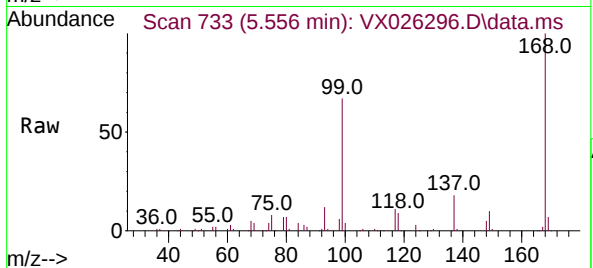
77 0.0 24.7 37.1#



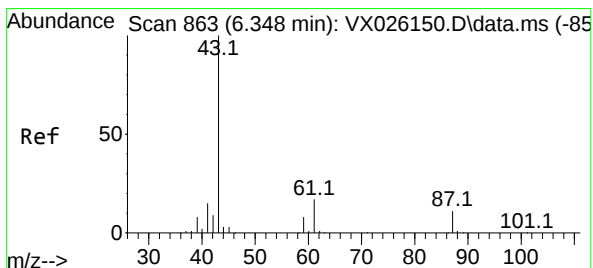
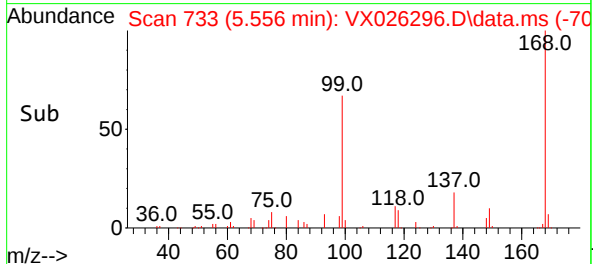
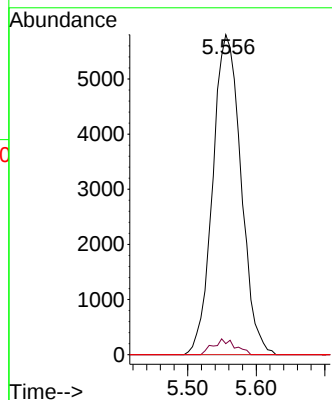


#38
Carbon Tetrachloride
Concen: 5.454 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX026296.D
Acq: 05 Jan 2022 01:51

Instrument :
MSVOA_X
ClientSampleId :

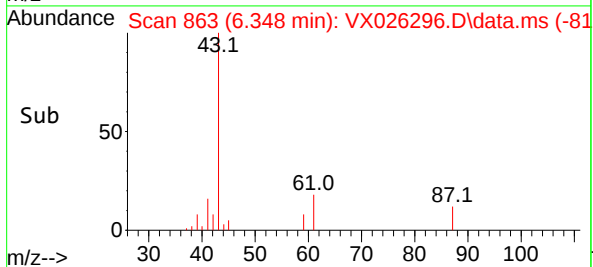
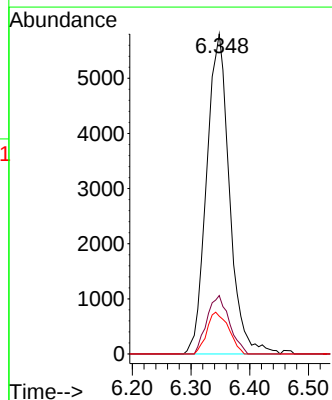
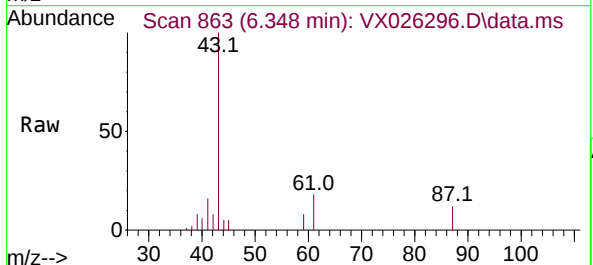


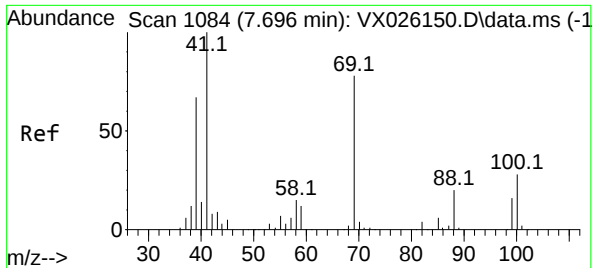
Tgt Ion:117 Resp: 16637
Ion Ratio Lower Upper
117 100
119 3.4 77.2 115.8#
121 0.0 23.8 35.8#



#43
Isopropyl Acetate
Concen: 3.024 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX026296.D
Acq: 05 Jan 2022 01:51

Tgt Ion: 43 Resp: 15672
Ion Ratio Lower Upper
43 100
61 17.9 15.7 23.5
87 12.4 11.2 16.8

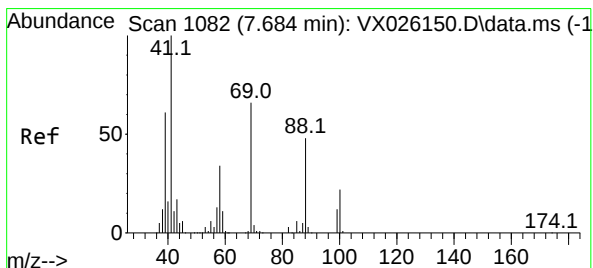
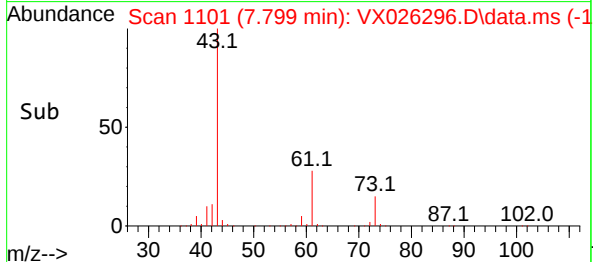
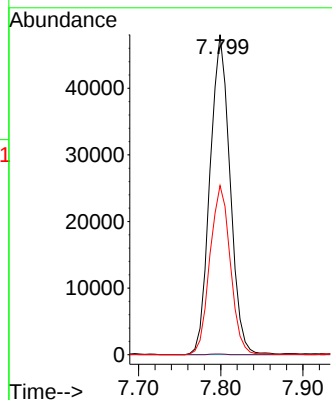
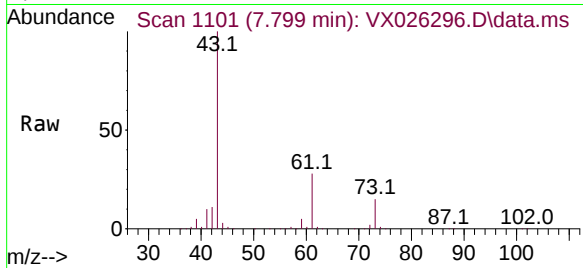




#48
Methyl methacrylate
Concen: 32.783 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.103 min
Lab File: VX026296.D
Acq: 05 Jan 2022 01:51

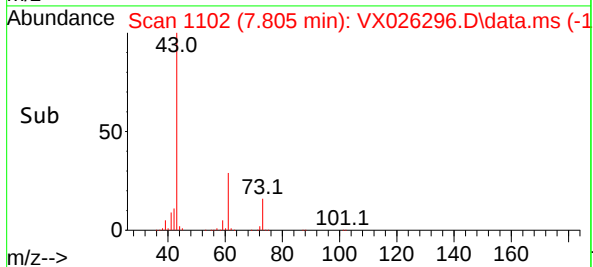
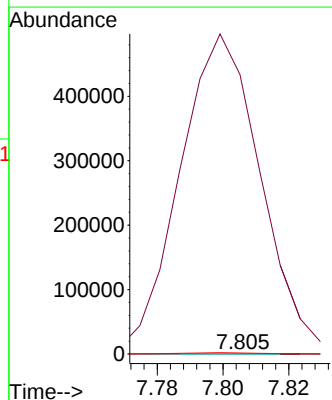
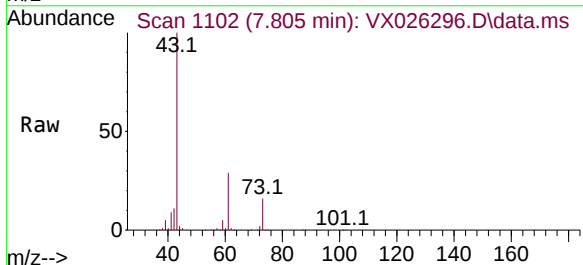
Instrument :
MSVOA_X
ClientSampleId :

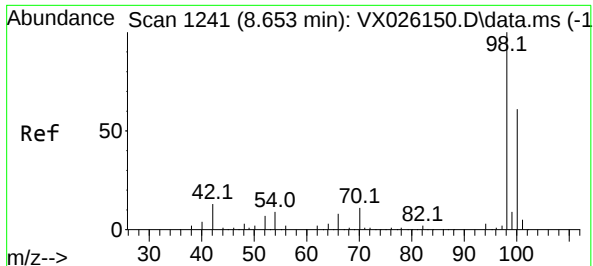
Tgt Ion: 41 Resp: 81482
Ion Ratio Lower Upper
41 100
69 0.2 67.3 100.9#
39 53.8 50.2 75.2



#49
1,4-Dioxane
Concen: 1.113 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.121 min
Lab File: VX026296.D
Acq: 05 Jan 2022 01:51

Tgt Ion: 88 Resp: 51
Ion Ratio Lower Upper
88 100
43 1681515.7 25.3 37.9#
58 6139.2 51.8 77.6#





#50

Toluene-d8

Concen: 48.288 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX026296.D

Acq: 05 Jan 2022 01:51

Instrument :

MSVOA_X

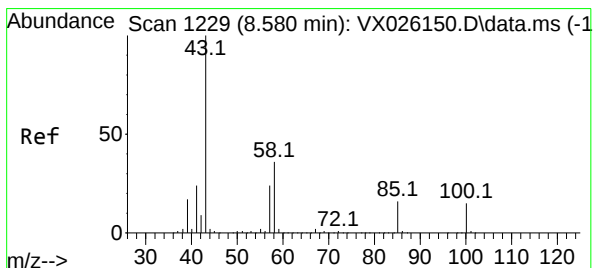
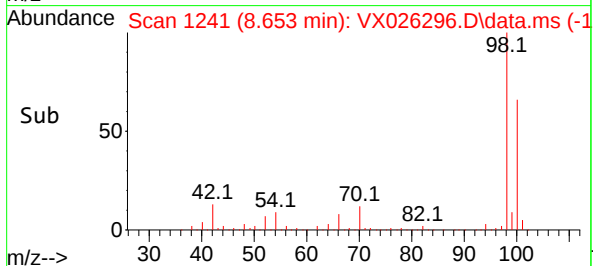
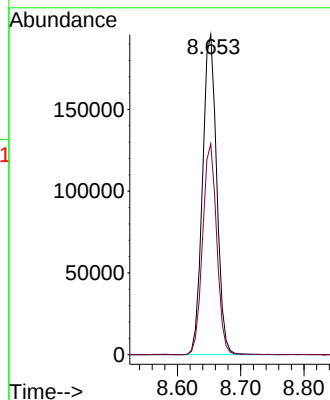
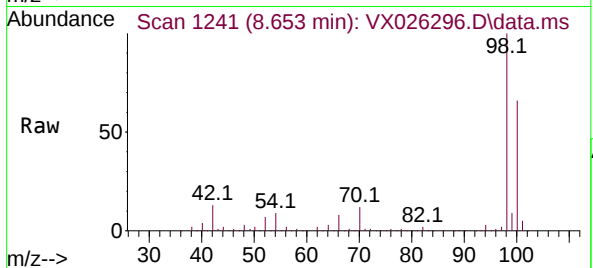
ClientSampleId :

Tgt Ion: 98 Resp: 305405

Ion Ratio Lower Upper

98 100

100 65.7 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 17.927 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. -0.031 min

Lab File: VX026296.D

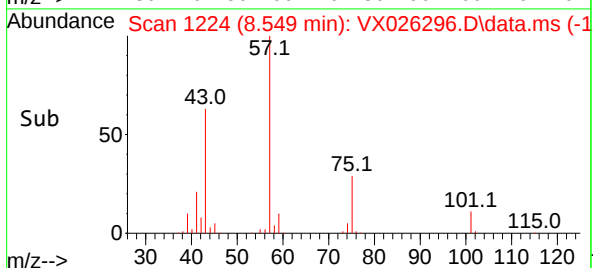
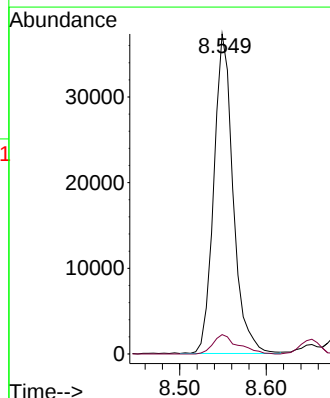
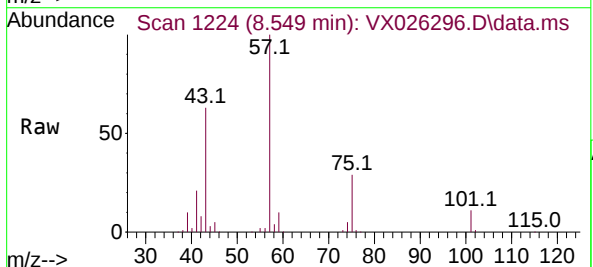
Acq: 05 Jan 2022 01:51

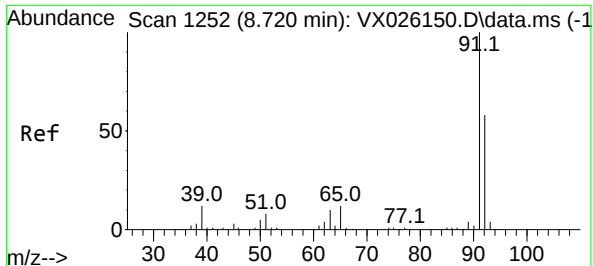
Tgt Ion: 43 Resp: 57818

Ion Ratio Lower Upper

43 100

58 7.7 30.8 46.2#





#52

Toluene

Concen: 0.244 ug/l

RT: 8.720 min Scan# 1178

Delta R.T. -0.000 min

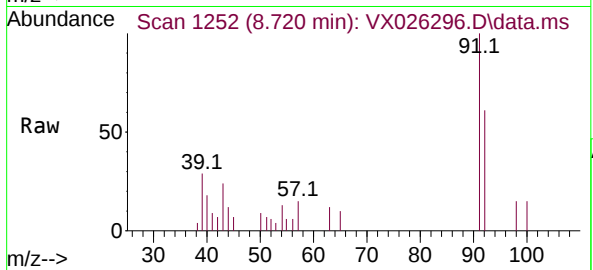
Lab File: VX026296.D

Acq: 05 Jan 2022 01:51

Instrument :

MSVOA_X

ClientSampleId :

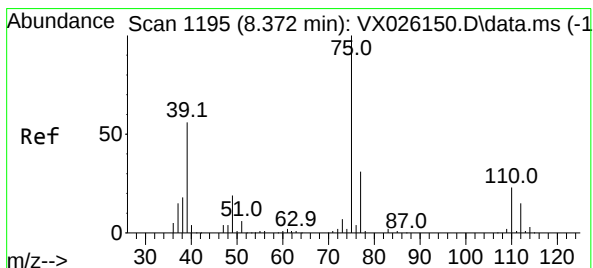
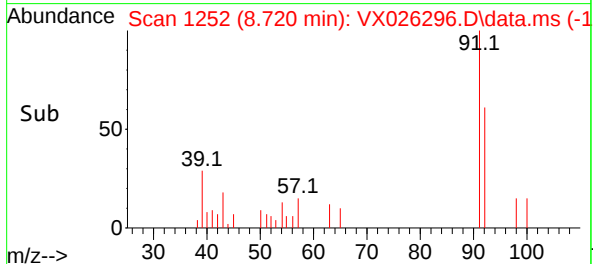
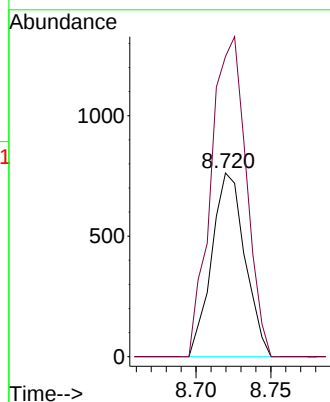


Tgt Ion: 92 Resp: 1178

Ion Ratio Lower Upper

92 100

91 184.6 136.0 204.0



#54

cis-1,3-Dichloropropene

Concen: 7.908 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.177 min

Lab File: VX026296.D

Acq: 05 Jan 2022 01:51

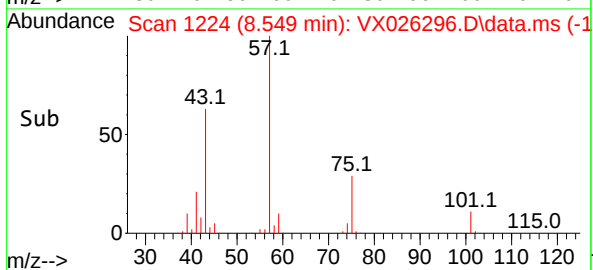
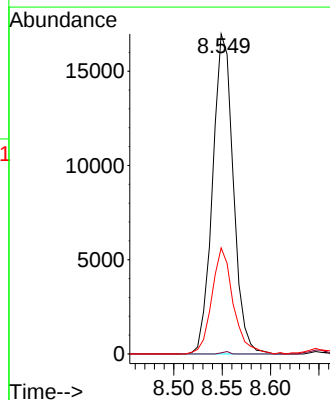
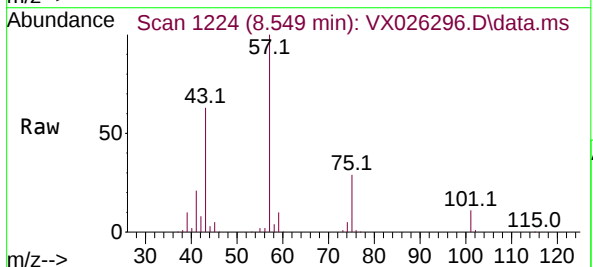
Tgt Ion: 75 Resp: 25253

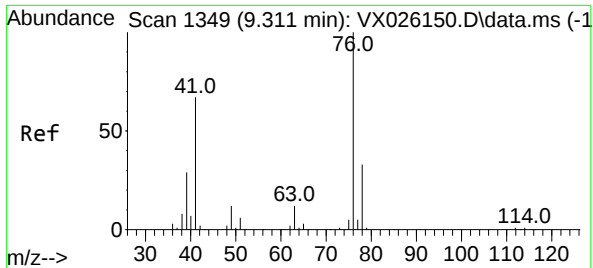
Ion Ratio Lower Upper

75 100

77 0.3 25.3 37.9#

39 33.2 41.4 62.0#





#57

1,3-Dichloropropane

Concen: 4.108 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX026296.D

Acq: 05 Jan 2022 01:51

Instrument :

MSVOA_X

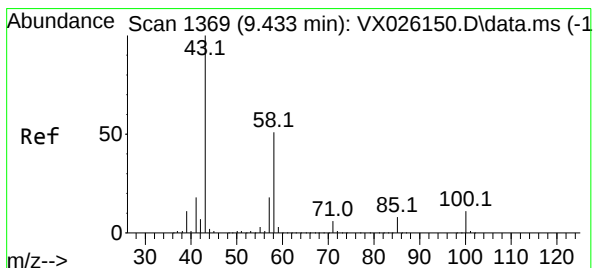
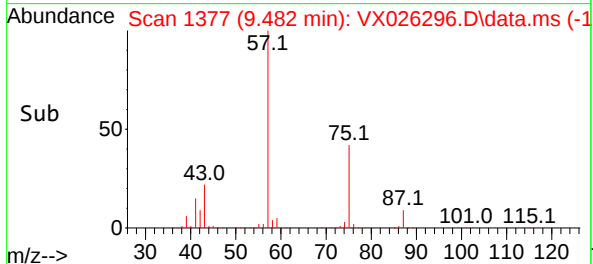
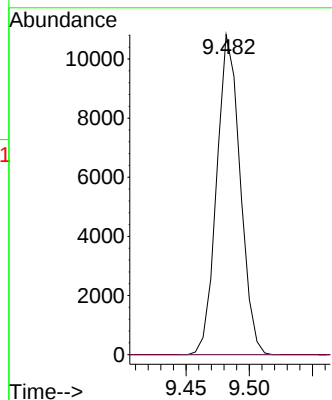
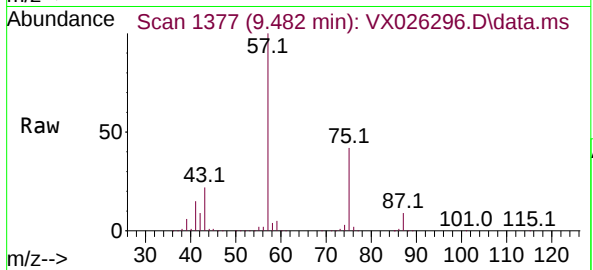
ClientSampleId :

Tgt Ion: 76 Resp: 13935

Ion Ratio Lower Upper

76 100

78 0.0 26.0 39.0#



#59

2-Hexanone

Concen: 84.922 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX026296.D

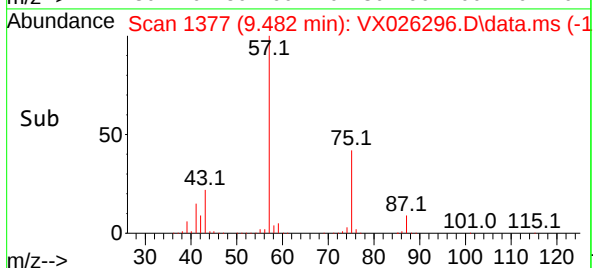
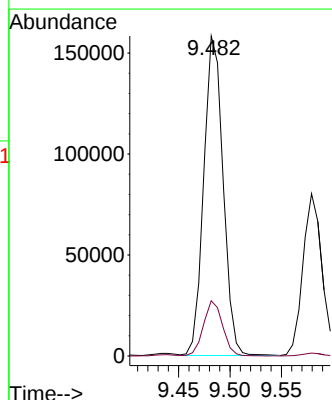
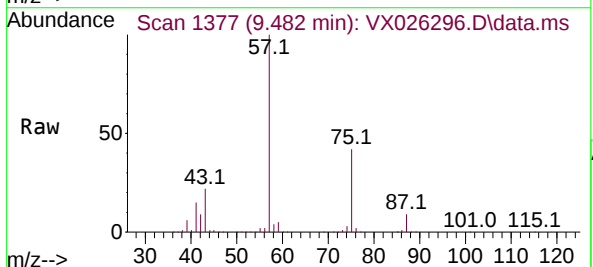
Acq: 05 Jan 2022 01:51

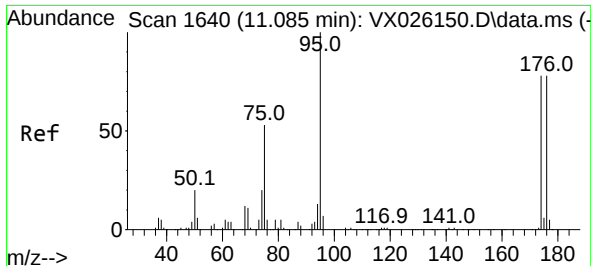
Tgt Ion: 43 Resp: 207464

Ion Ratio Lower Upper

43 100

58 17.1 26.9 80.6#

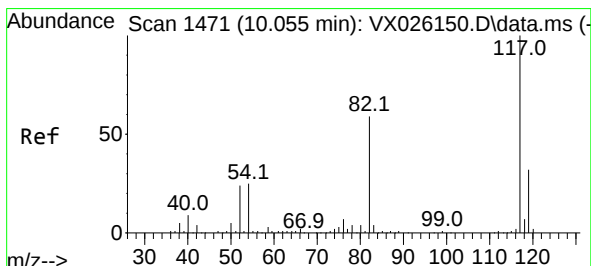
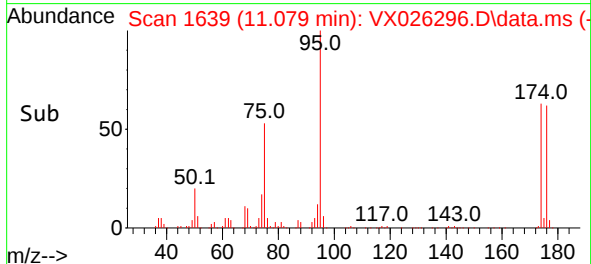
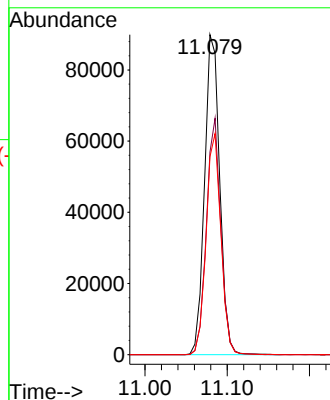
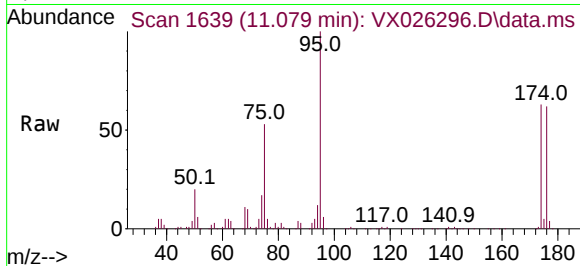




#62
4-Bromofluorobenzene
Concen: 51.048 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX026296.D
Acq: 05 Jan 2022 01:51

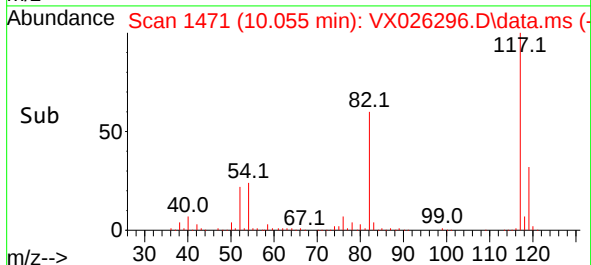
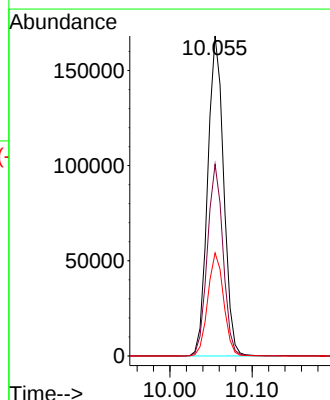
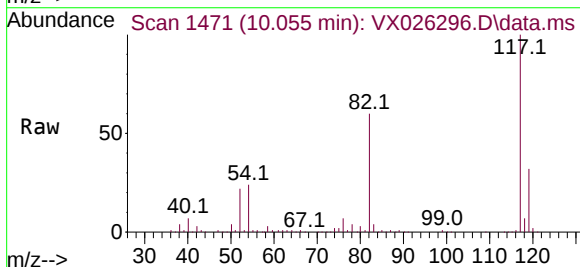
Instrument :
MSVOA_X
ClientSampleId :

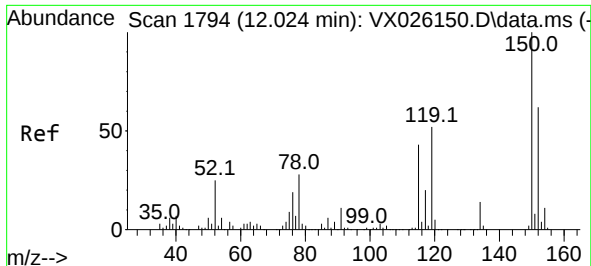
Tgt Ion: 95 Resp: 114936
Ion Ratio Lower Upper
95 100
174 70.5 0.0 157.4
176 67.4 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026296.D
Acq: 05 Jan 2022 01:51

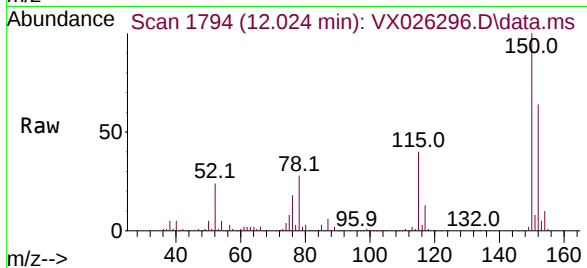
Tgt Ion: 117 Resp: 226873
Ion Ratio Lower Upper
117 100
82 59.9 43.8 65.6
119 32.2 25.2 37.8



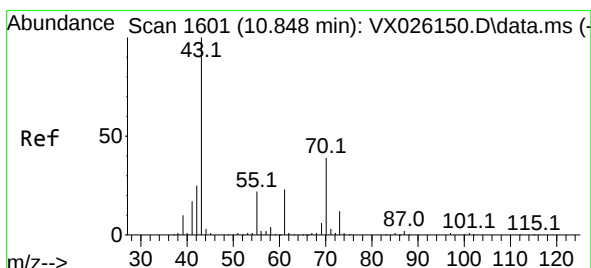
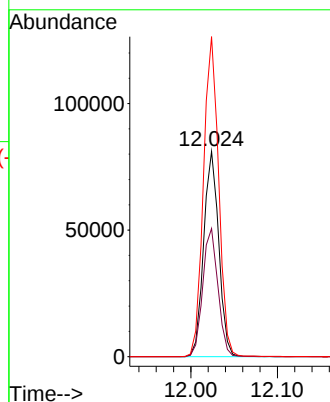
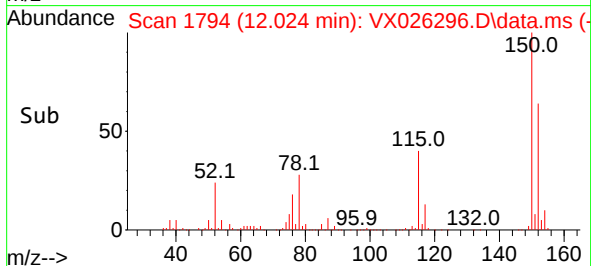


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX026296.D
 Acq: 05 Jan 2022 01:51

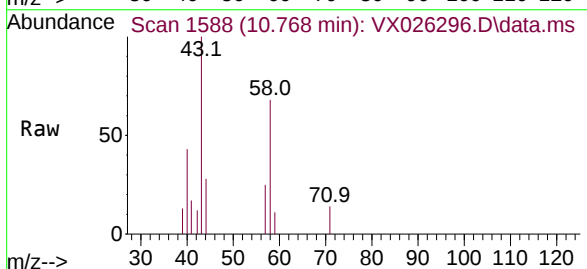
Instrument :
 MSVOA_X
 ClientSampleId :



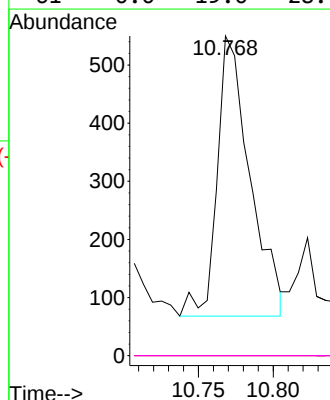
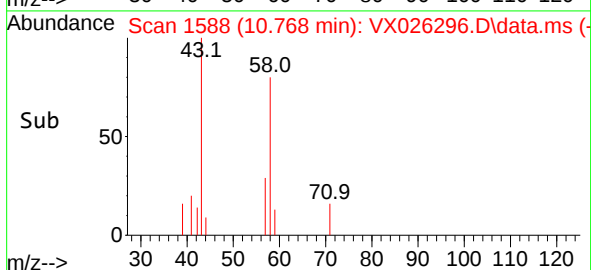
Tgt Ion:152 Resp: 98008
 Ion Ratio Lower Upper
 152 100
 115 62.9 41.3 123.9
 150 157.3 0.0 351.8

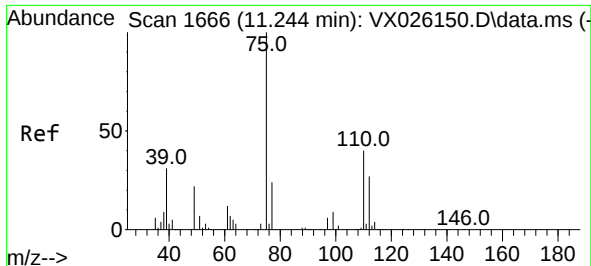


#74
 N-ethyl acetate
 Concen: 0.210 ug/l
 RT: 10.768 min Scan# 1588
 Delta R.T. -0.080 min
 Lab File: VX026296.D
 Acq: 05 Jan 2022 01:51



Tgt Ion: 43 Resp: 735
 Ion Ratio Lower Upper
 43 100
 70 0.0 34.1 51.1#
 55 0.0 19.2 28.8#
 61 0.0 19.0 28.4#

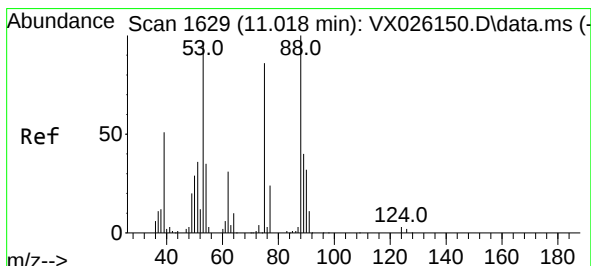
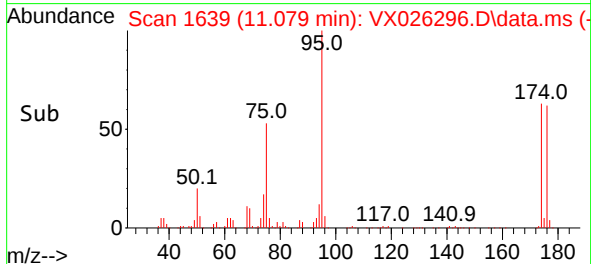
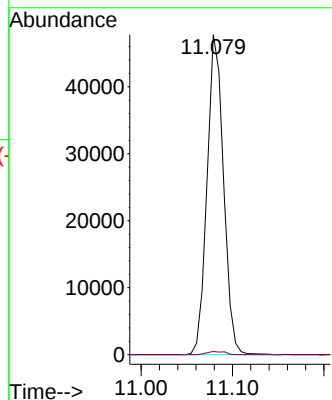
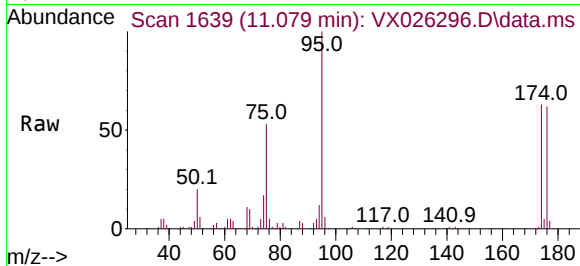




#76
1,2,3-Trichloropropane
Concen: 25.196 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026296.D
Acq: 05 Jan 2022 01:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 59606
Ion Ratio Lower Upper
75 100
77 1.1 19.0 57.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.893 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026296.D
Acq: 05 Jan 2022 01:51

Tgt Ion: 75 Resp: 59606
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#

