

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010322\
 Data File : VX026248.D
 Acq On : 04 Jan 2022 02:47
 Operator : JC/MD
 Sample : PB141783ZHE#06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 04 08:00:28 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

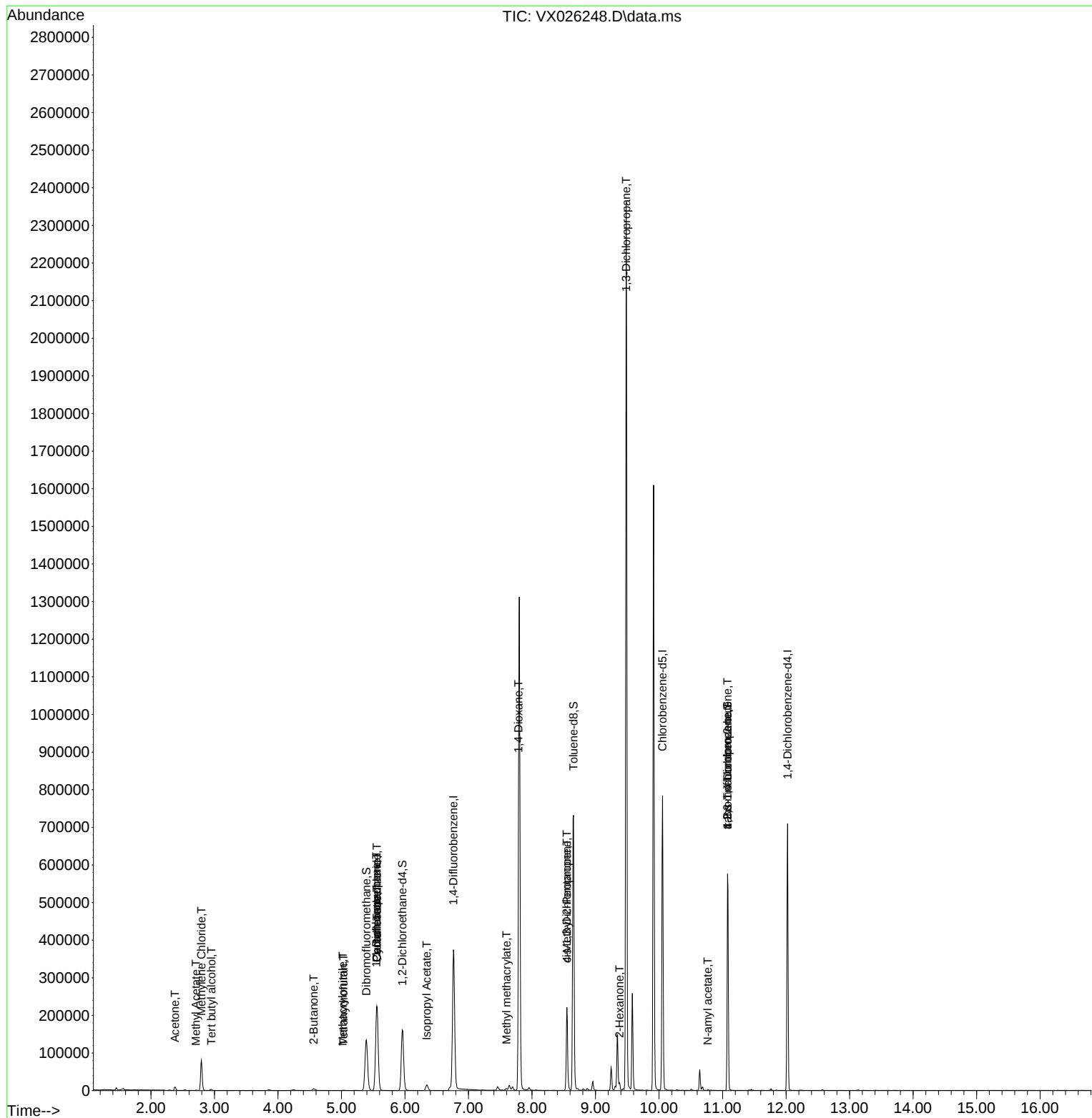
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	200794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	353199	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	316486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133060	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	159274	54.829	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.660%			
35) Dibromofluoromethane	5.391	113	116644	50.797	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.600%			
50) Toluene-d8	8.653	98	424074	49.650	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.300%			
62) 4-Bromofluorobenzene	11.079	95	149123	49.044	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.080%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	2273	3.918	ug/l #	79
16) Acetone	2.380	43	10893	6.921	ug/l	93
18) Methyl Acetate	2.709	43	1333	0.261	ug/l #	87
20) Methylene Chloride	2.794	84	32325	12.129	ug/l	91
25) 2-Butanone	4.562	43	6523	2.975	ug/l	93
29) Tetrahydrofuran	5.031	42	747	0.541	ug/l #	41
31) Cyclohexane	5.556	56	5128	1.240	ug/l #	23
36) 1,1-Dichloropropene	5.550	75	17262	4.661	ug/l #	50
38) Carbon Tetrachloride	5.556	117	22170	5.381	ug/l #	15
41) Methacrylonitrile	5.019	41	517	0.213	ug/l #	35
43) Isopropyl Acetate	6.342	43	21092	3.014	ug/l	94
48) Methyl methacrylate	7.598	41	6294	1.875	ug/l #	12
49) 1,4-Dioxane	7.787	88	130	2.102	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	78047	17.919	ug/l #	49
54) cis-1,3-Dichloropropene	8.549	75	31865	7.389	ug/l #	68
57) 1,3-Dichloropropane	9.482	76	19201	4.191	ug/l #	43
59) 2-Hexanone	9.378	43	10470	3.174	ug/l #	25
74) N-amyl acetate	10.768	43	1173	0.247	ug/l #	47
76) 1,2,3-Trichloropropane	11.079	75	82371	25.647	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	82371	74.197	ug/l #	10

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

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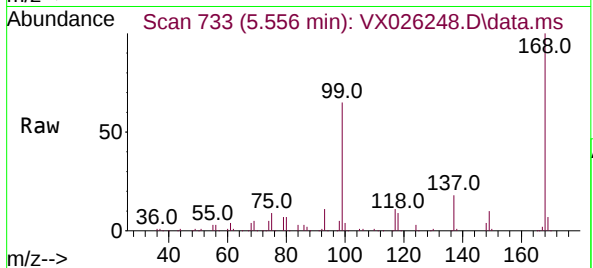
Quant Time: Jan 04 08:00:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration



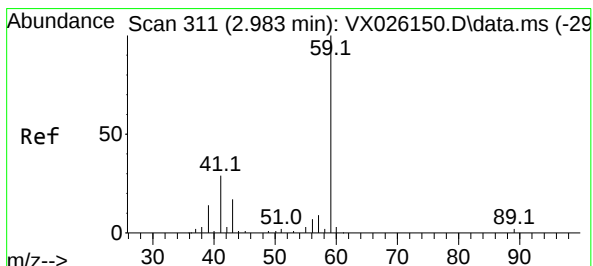
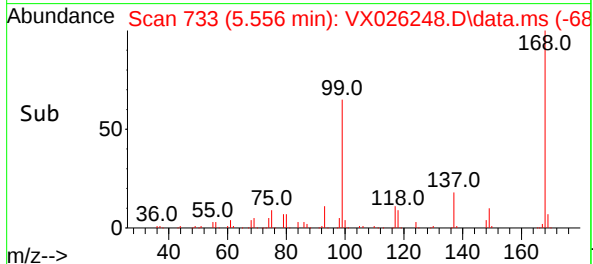
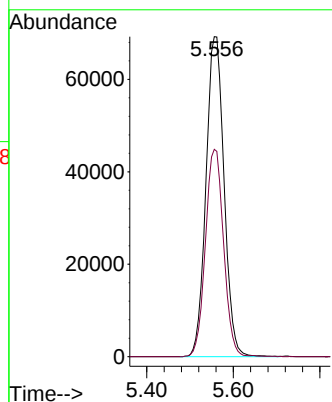


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026248.D
Acq: 04 Jan 2022 02:47

Instrument :
MSVOA_X
ClientSampleId :

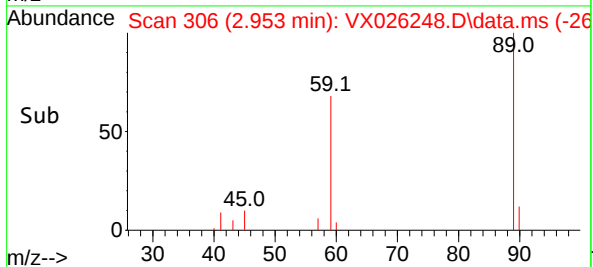
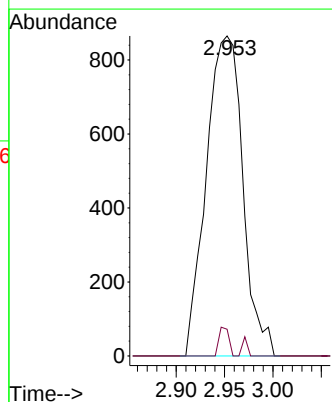
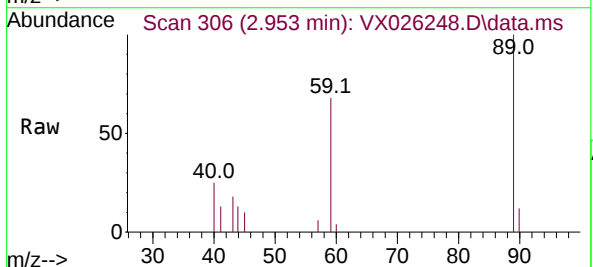


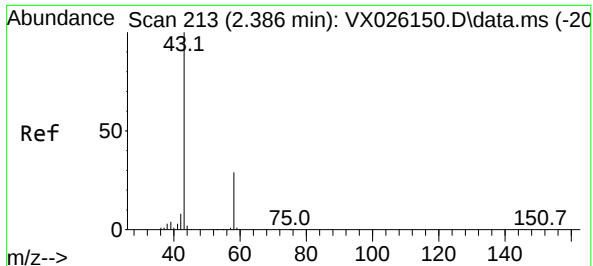
Tgt Ion:168 Resp: 200794
Ion Ratio Lower Upper
168 100
99 64.8 45.8 68.8



#11
Tert butyl alcohol
Concen: 3.918 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX026248.D
Acq: 04 Jan 2022 02:47

Tgt Ion: 59 Resp: 2273
Ion Ratio Lower Upper
59 100
57 2.4 8.2 12.2#

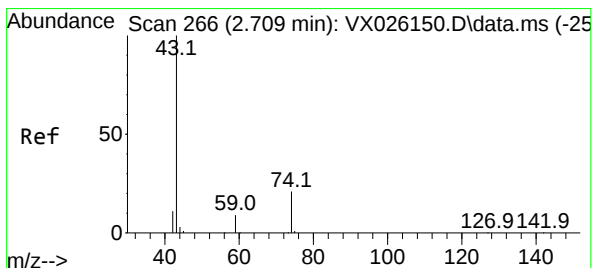
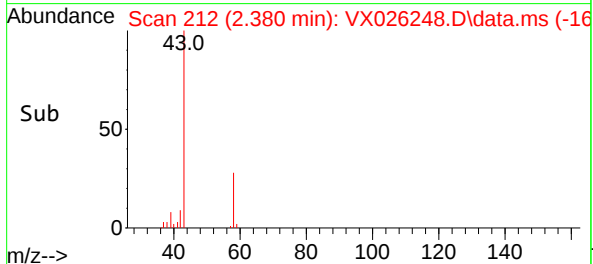
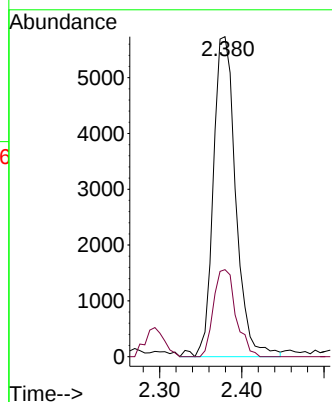
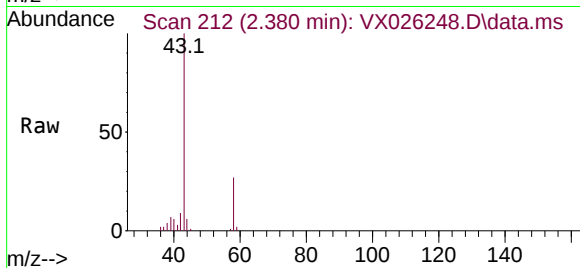




#16
Acetone
Concen: 6.921 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX026248.D
Acq: 04 Jan 2022 02:47

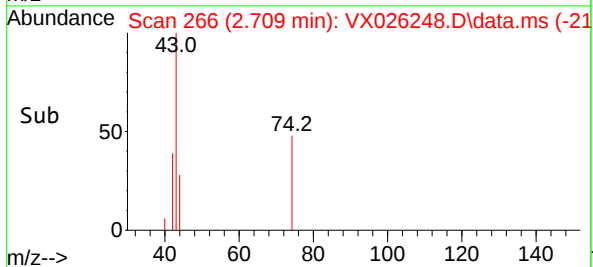
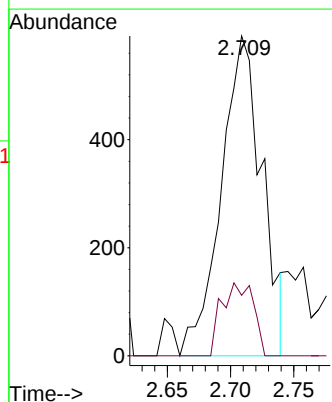
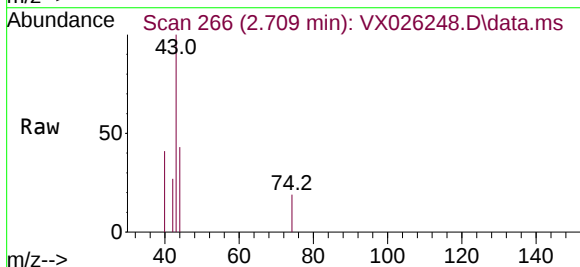
Instrument :
MSVOA_X
ClientSampleId :

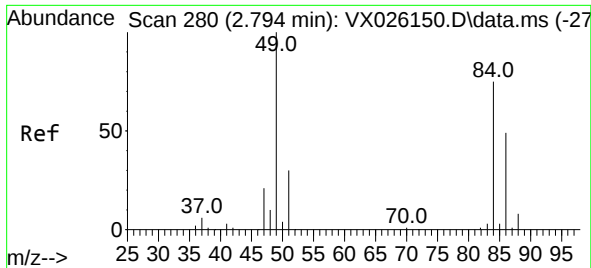
Tgt Ion: 43 Resp: 10893
Ion Ratio Lower Upper
43 100
58 27.2 24.8 37.2



#18
Methyl Acetate
Concen: 0.261 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX026248.D
Acq: 04 Jan 2022 02:47

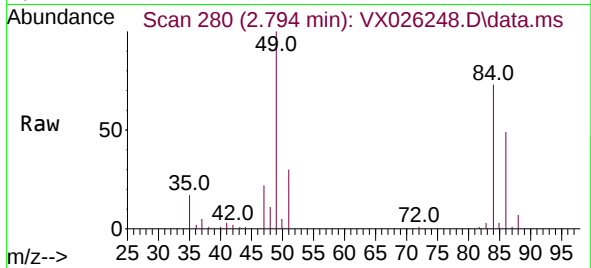
Tgt Ion: 43 Resp: 1333
Ion Ratio Lower Upper
43 100
74 17.7 19.1 28.7#



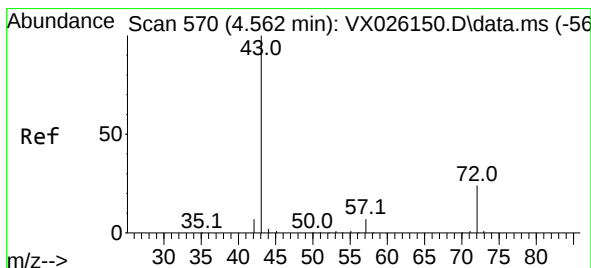
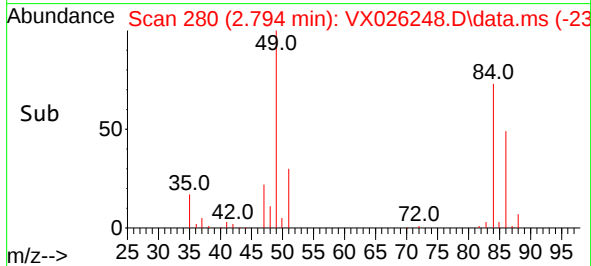
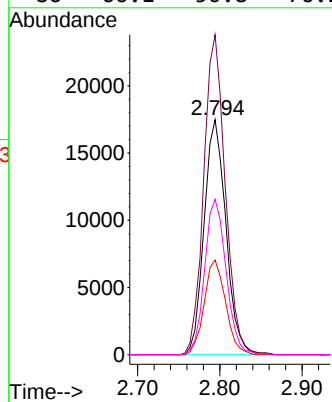


#20
Methylene Chloride
Concen: 12.129 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026248.D
Acq: 04 Jan 2022 02:47

Instrument :
MSVOA_X
ClientSampleId :

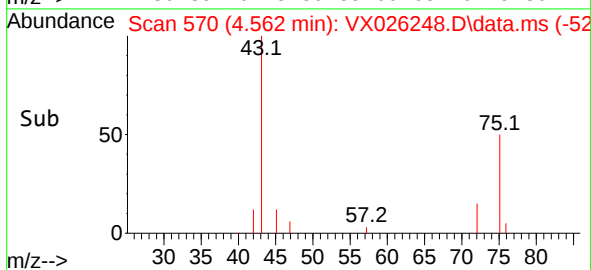
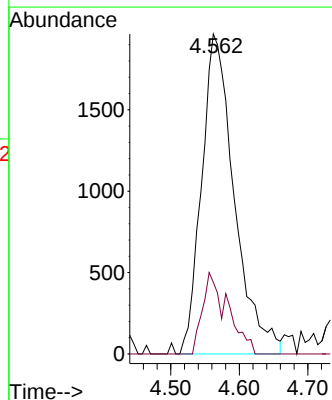
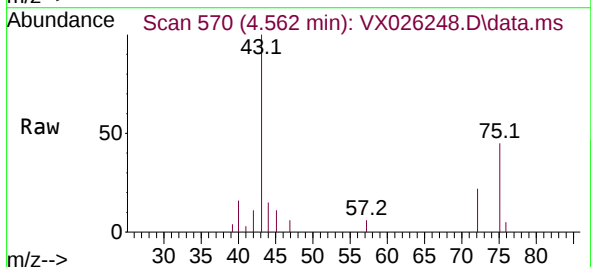


Tgt Ion:	84	Resp:	32325
Ion	Ratio	Lower	Upper
84	100		
49	136.1	97.1	145.7
51	40.3	29.3	43.9
86	66.1	50.8	76.2



#25
2-Butanone
Concen: 2.975 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX026248.D
Acq: 04 Jan 2022 02:47

Tgt Ion:	43	Resp:	6523
Ion	Ratio	Lower	Upper
43	100		
72	22.4	21.0	31.4





#29

Tetrahydrofuran

Concen: 0.541 ug/l

RT: 5.031 min Scan# 644

Delta R.T. 0.018 min

Lab File: VX026248.D

Acq: 04 Jan 2022 02:47

Instrument :

MSVOA_X

ClientSampleId :

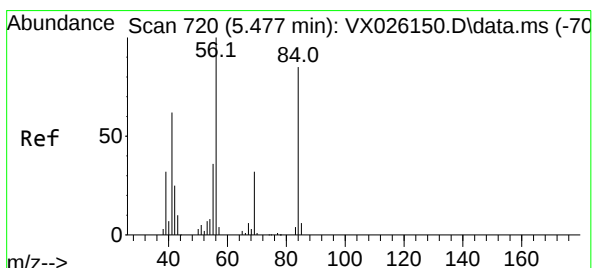
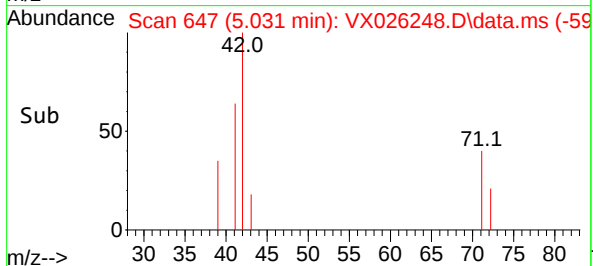
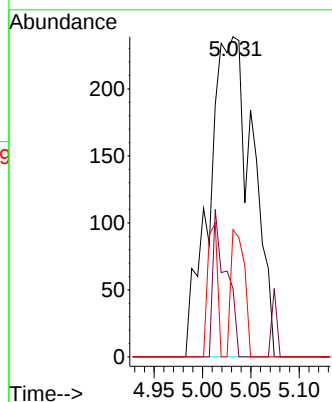
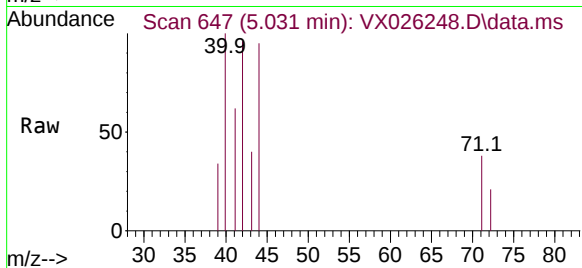
Tgt Ion: 42 Resp: 747

Ion Ratio Lower Upper

42 100

72 0.0 37.0 55.6#

71 12.3 34.1 51.1#



#31

Cyclohexane

Concen: 1.240 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX026248.D

Acq: 04 Jan 2022 02:47

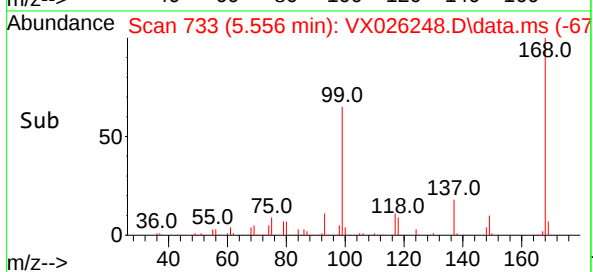
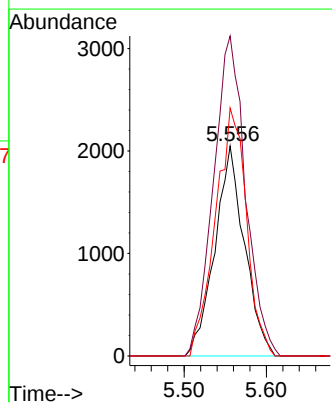
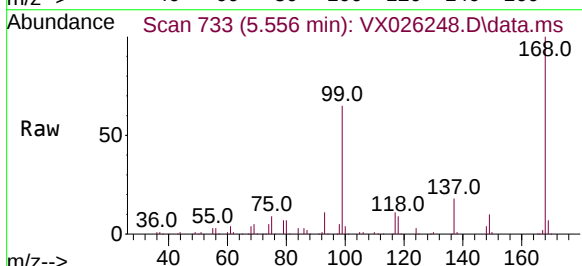
Tgt Ion: 56 Resp: 5128

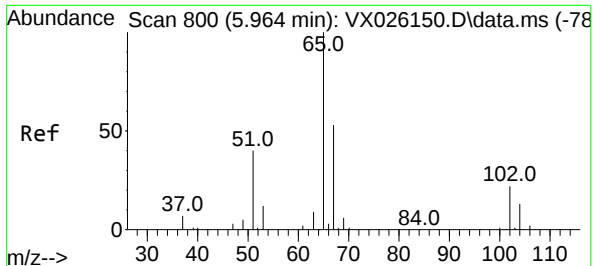
Ion Ratio Lower Upper

56 100

69 152.4 23.9 35.9#

84 118.1 73.2 109.8#





#33

1,2-Dichloroethane-d4

Concen: 54.829 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026248.D

Acq: 04 Jan 2022 02:47

Instrument :

MSVOA_X

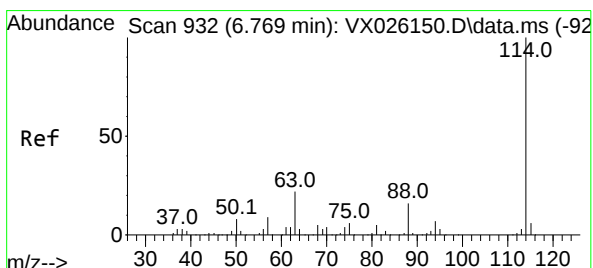
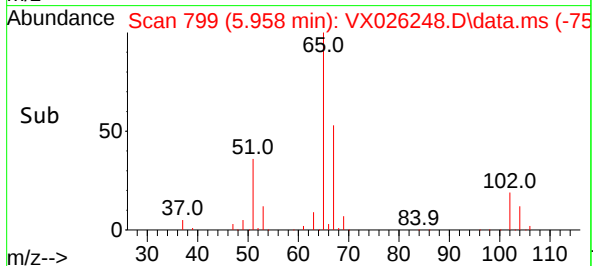
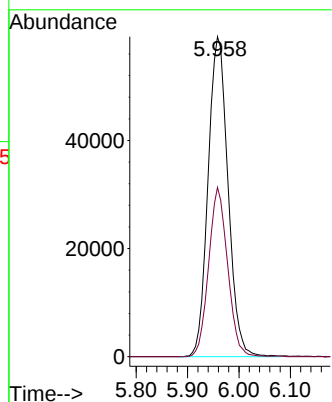
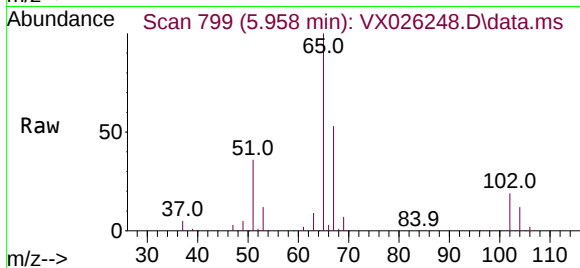
ClientSampleId :

Tgt Ion: 65 Resp: 159274

Ion Ratio Lower Upper

65 100

67 50.4 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX026248.D

Acq: 04 Jan 2022 02:47

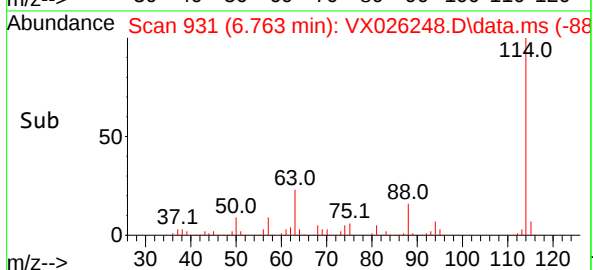
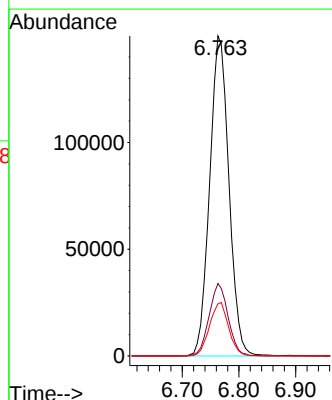
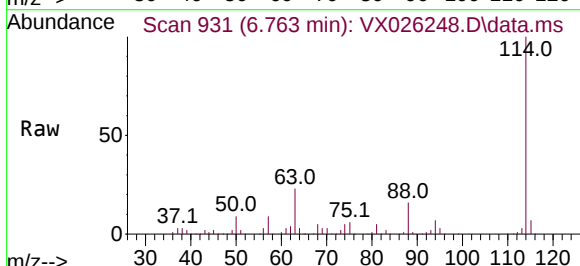
Tgt Ion: 114 Resp: 353199

Ion Ratio Lower Upper

114 100

63 22.7 0.0 40.0

88 16.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.797 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

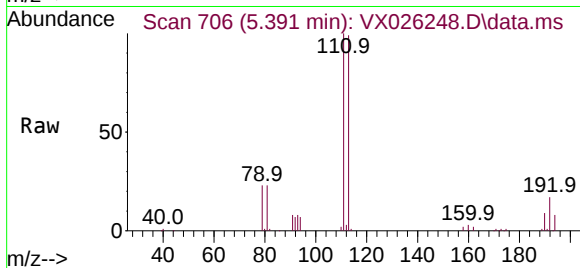
Lab File: VX026248.D

Acq: 04 Jan 2022 02:47

Instrument :

MSVOA_X

ClientSampleId :



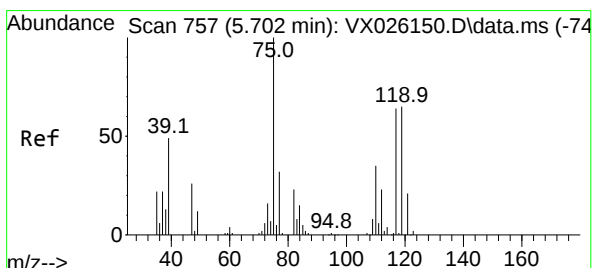
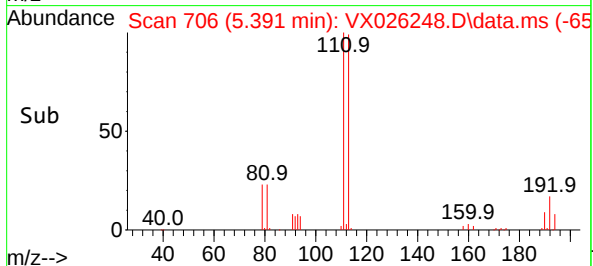
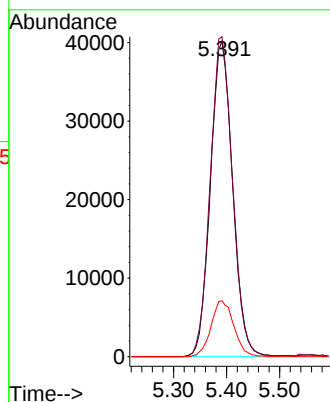
Tgt Ion:113 Resp: 116644

Ion Ratio Lower Upper

113 100

111 102.1 81.8 122.8

192 18.2 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.661 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.152 min

Lab File: VX026248.D

Acq: 04 Jan 2022 02:47

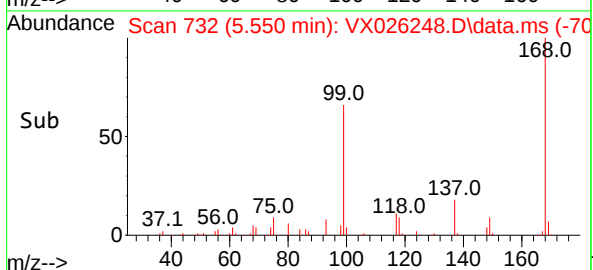
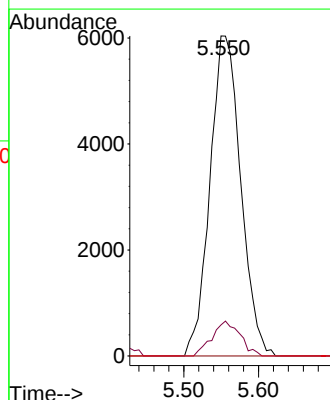
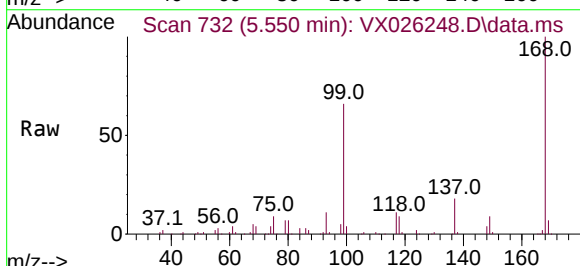
Tgt Ion: 75 Resp: 17262

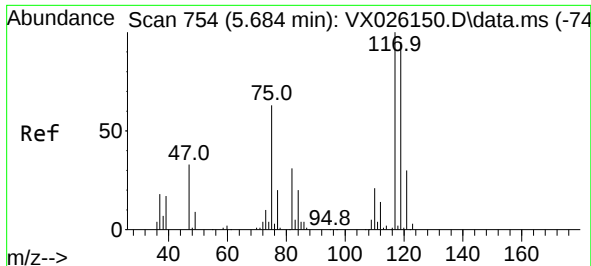
Ion Ratio Lower Upper

75 100

110 10.0 18.2 54.6#

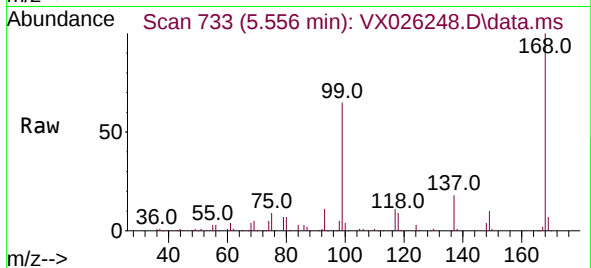
77 0.0 24.7 37.1#



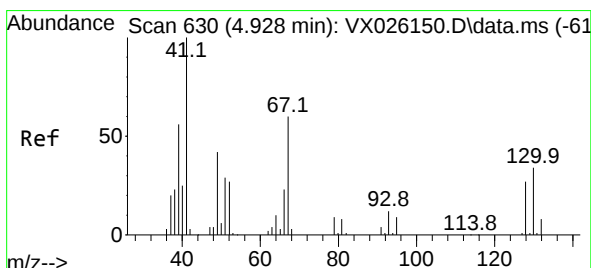
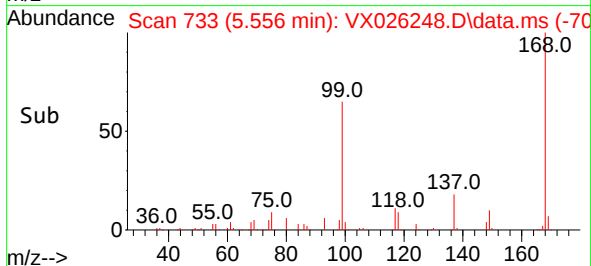
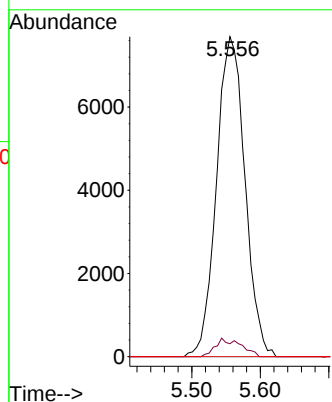


#38
Carbon Tetrachloride
Concen: 5.381 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX026248.D
Acq: 04 Jan 2022 02:47

Instrument :
MSVOA_X
ClientSampleId :

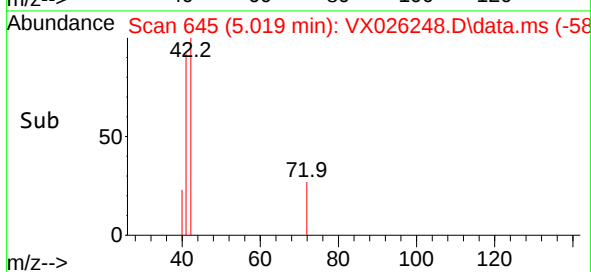
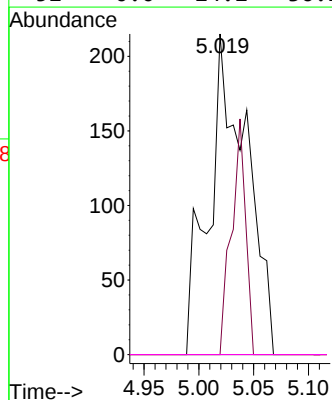
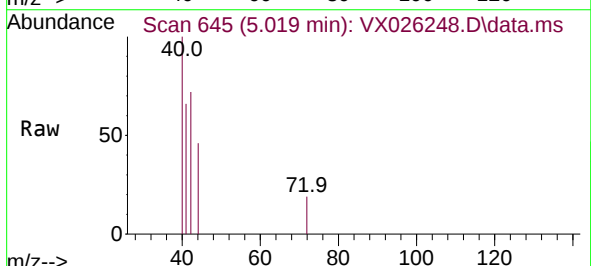


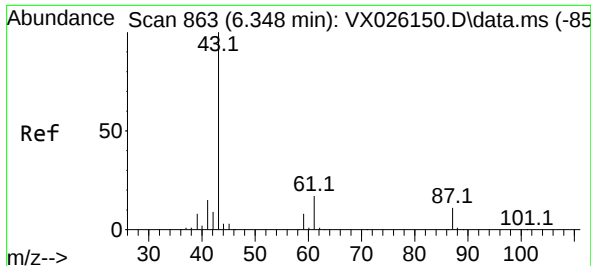
Tgt Ion:117 Resp: 22170
Ion Ratio Lower Upper
117 100
119 4.0 77.2 115.8#
121 0.0 23.8 35.8#



#41
Methacrylonitrile
Concen: 0.213 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.091 min
Lab File: VX026248.D
Acq: 04 Jan 2022 02:47

Tgt Ion: 41 Resp: 517
Ion Ratio Lower Upper
41 100
39 27.5 44.2 66.2#
67 0.0 59.7 89.5#
52 0.0 24.2 36.2#

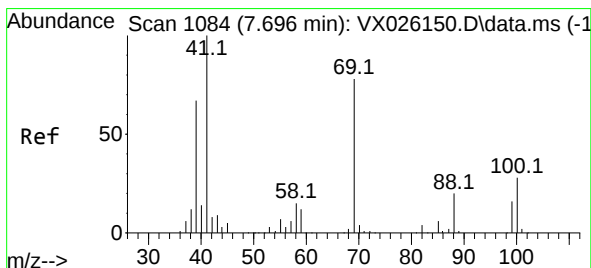
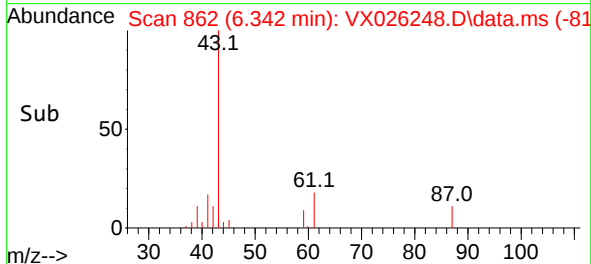
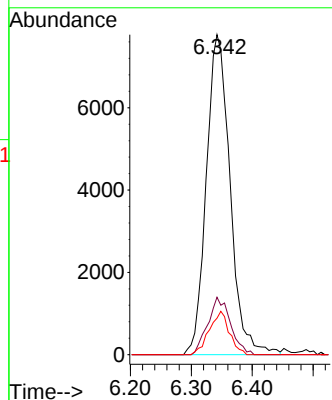
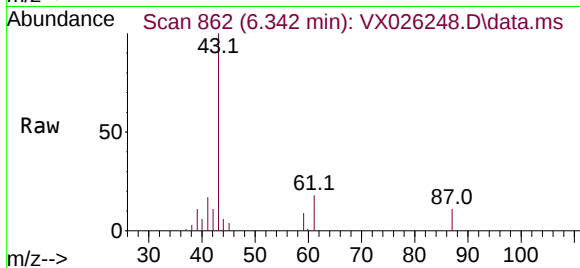




#43
Isopropyl Acetate
Concen: 3.014 ug/l
RT: 6.342 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX026248.D
Acq: 04 Jan 2022 02:47

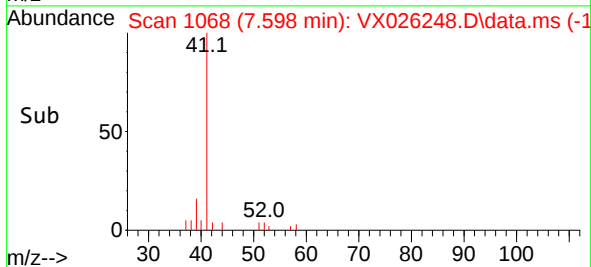
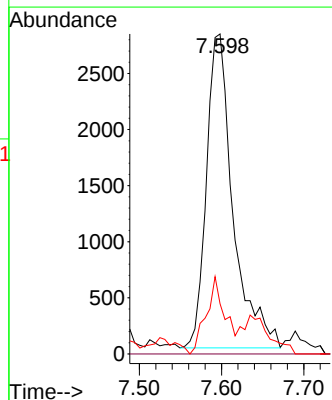
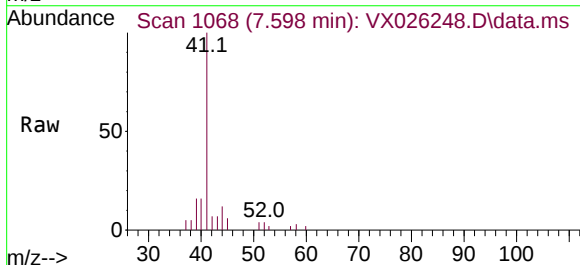
Instrument :
MSVOA_X
ClientSampleId :

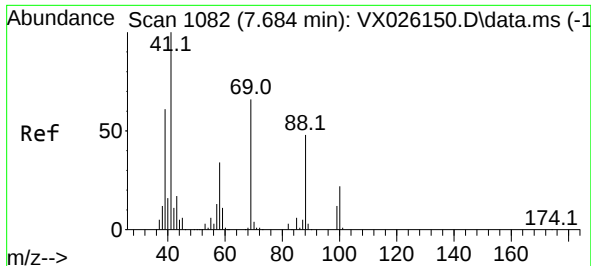
Tgt Ion: 43 Resp: 21092
Ion Ratio Lower Upper
43 100
61 17.1 15.7 23.5
87 11.5 11.2 16.8



#48
Methyl methacrylate
Concen: 1.875 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX026248.D
Acq: 04 Jan 2022 02:47

Tgt Ion: 41 Resp: 6294
Ion Ratio Lower Upper
41 100
69 0.0 67.3 100.9#
39 0.0 50.2 75.2#





#49

1,4-Dioxane

Concen: 2.102 ug/l

RT: 7.787 min Scan# 1099

Delta R.T. 0.103 min

Lab File: VX026248.D

Acq: 04 Jan 2022 02:47

Instrument :

MSVOA_X

ClientSampleId :

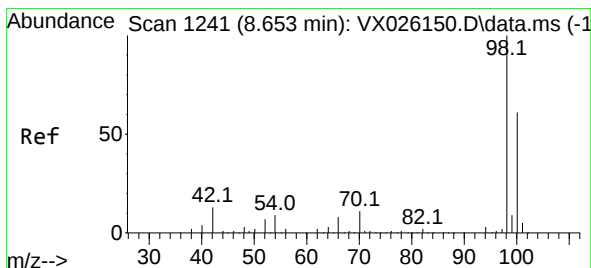
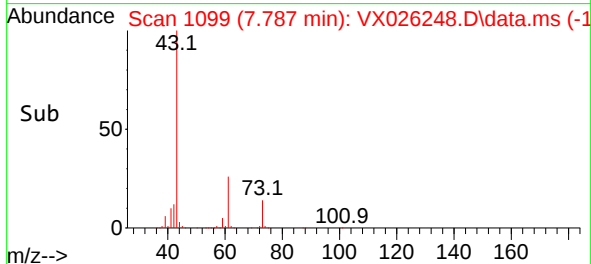
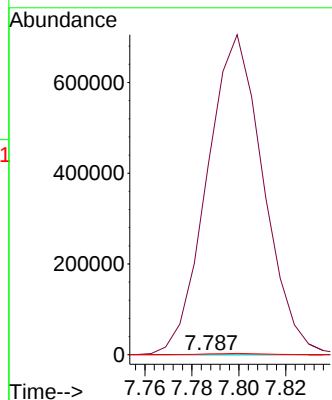
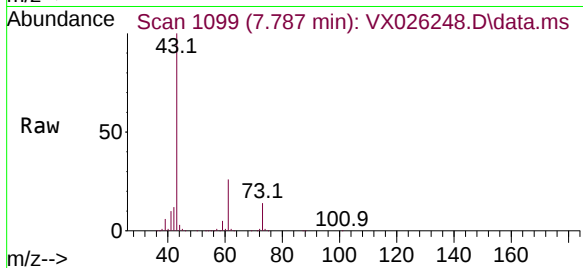
Tgt Ion: 88 Resp: 130

Ion Ratio Lower Upper

88 100

43 912293.1 25.3 37.9#

58 3682.3 51.8 77.6#



#50

Toluene-d8

Concen: 49.650 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX026248.D

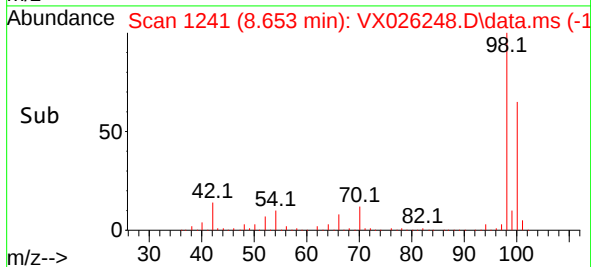
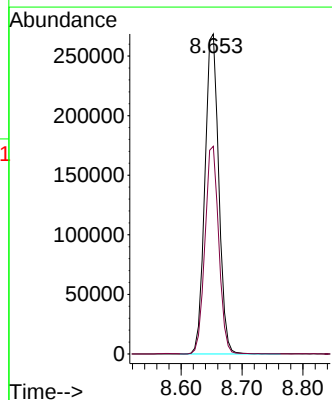
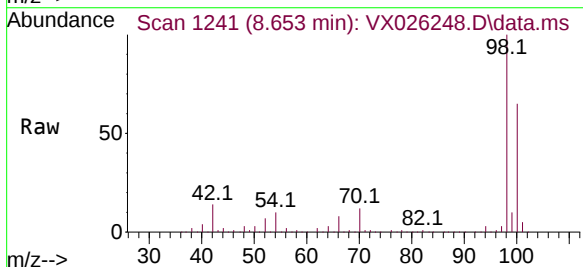
Acq: 04 Jan 2022 02:47

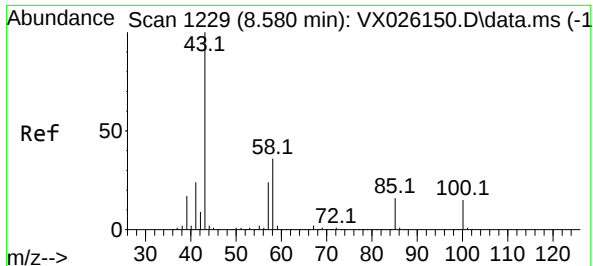
Tgt Ion: 98 Resp: 424074

Ion Ratio Lower Upper

98 100

100 64.7 52.6 78.8

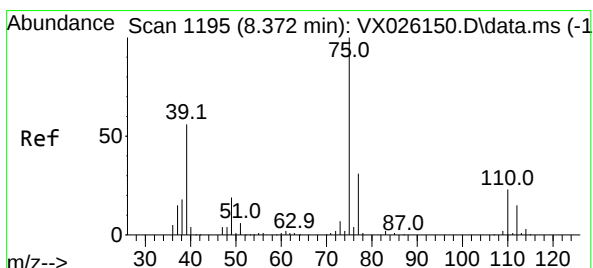
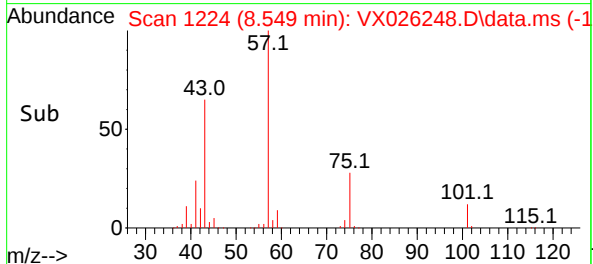
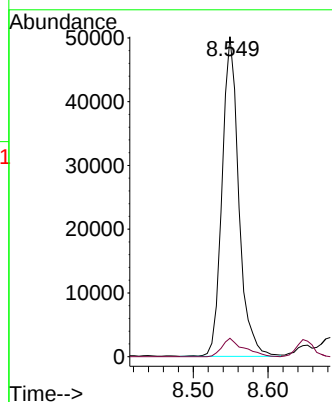
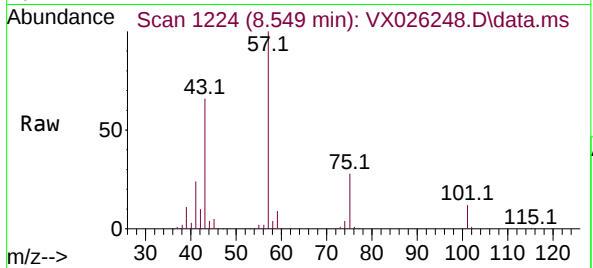




#51
4-Methyl-2-Pentanone
Concen: 17.919 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.031 min
Lab File: VX026248.D
Acq: 04 Jan 2022 02:47

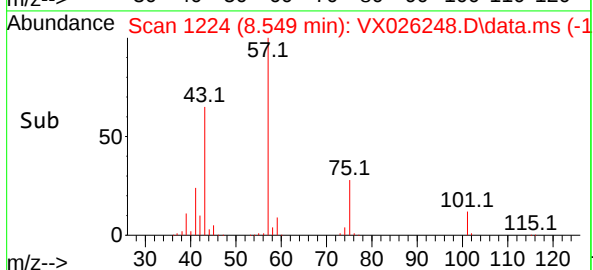
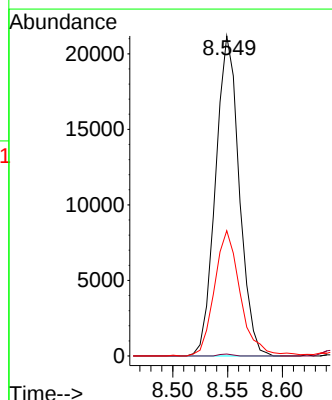
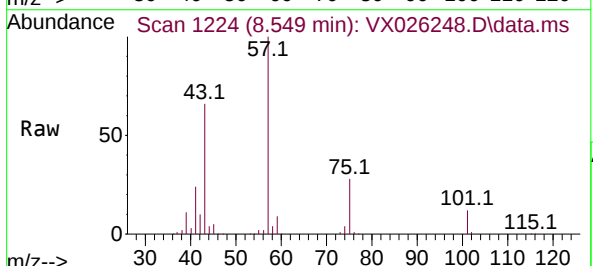
Instrument :
MSVOA_X
ClientSampleId :

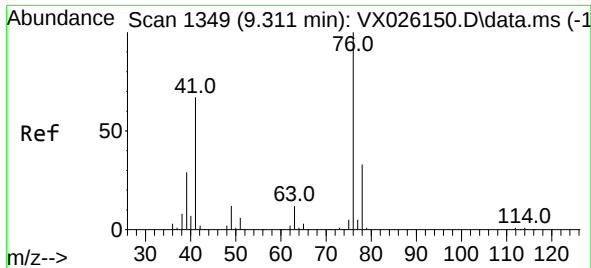
Tgt Ion: 43 Resp: 78047
Ion Ratio Lower Upper
43 100
58 7.4 30.8 46.2#



#54
cis-1,3-Dichloropropene
Concen: 7.389 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.177 min
Lab File: VX026248.D
Acq: 04 Jan 2022 02:47

Tgt Ion: 75 Resp: 31865
Ion Ratio Lower Upper
75 100
77 0.6 25.3 37.9#
39 39.2 41.4 62.0#





#57

1,3-Dichloropropane

Concen: 4.191 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX026248.D

Acq: 04 Jan 2022 02:47

Instrument :

MSVOA_X

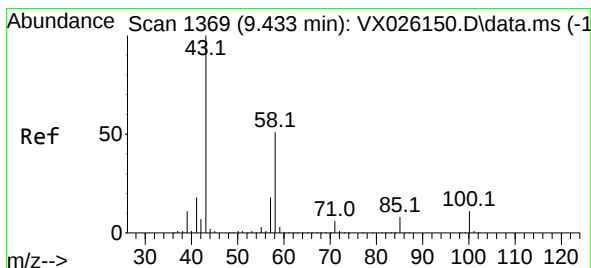
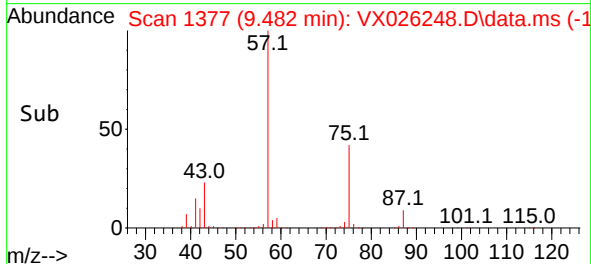
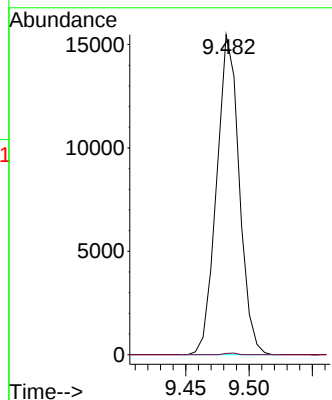
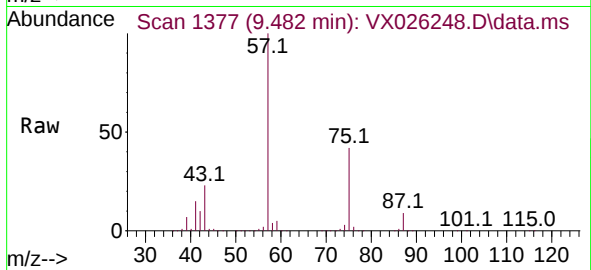
ClientSampleId :

Tgt Ion: 76 Resp: 19201

Ion Ratio Lower Upper

76 100

78 0.3 26.0 39.0#



#59

2-Hexanone

Concen: 3.174 ug/l

RT: 9.378 min Scan# 1360

Delta R.T. -0.055 min

Lab File: VX026248.D

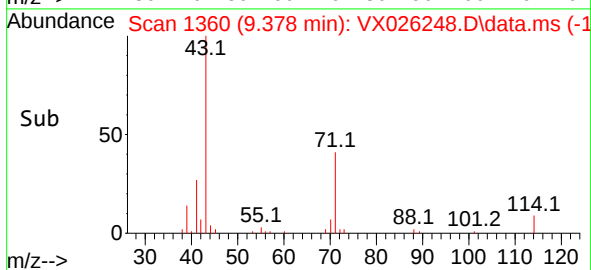
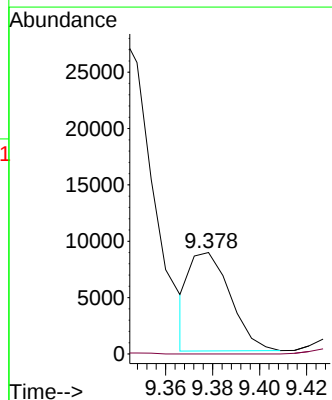
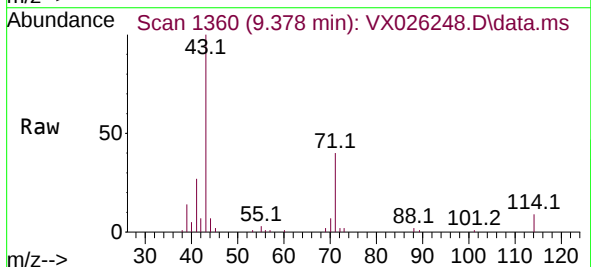
Acq: 04 Jan 2022 02:47

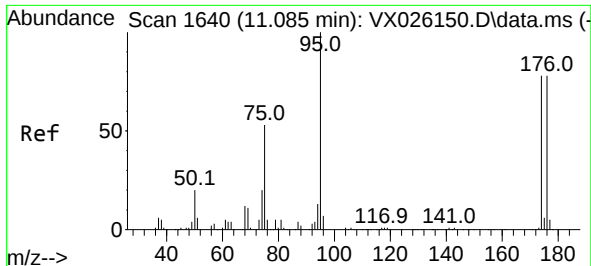
Tgt Ion: 43 Resp: 10470

Ion Ratio Lower Upper

43 100

58 0.0 26.9 80.6#





#62

4-Bromofluorobenzene

Concen: 49.044 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX026248.D

Acq: 04 Jan 2022 02:47

Instrument :

MSVOA_X

ClientSampleId :

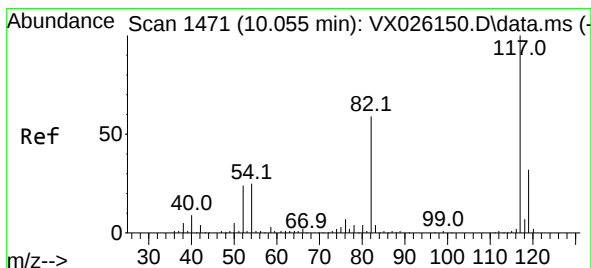
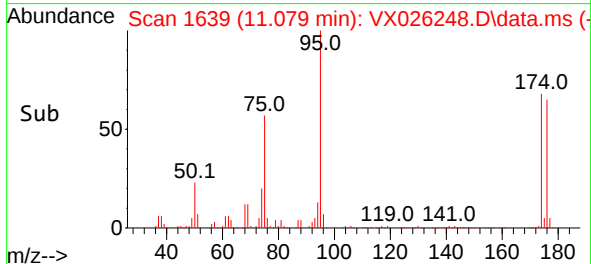
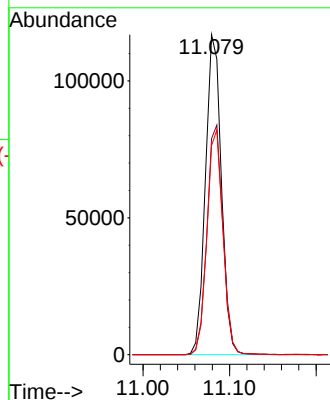
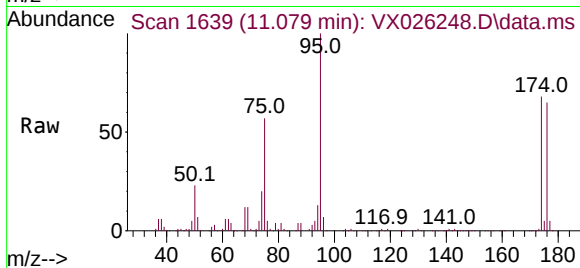
Tgt Ion: 95 Resp: 149123

Ion Ratio Lower Upper

95 100

174 72.4 0.0 157.4

176 70.2 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: VX026248.D

Acq: 04 Jan 2022 02:47

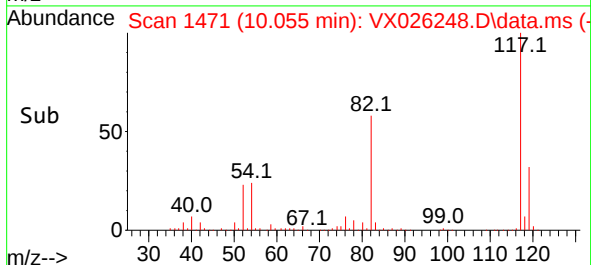
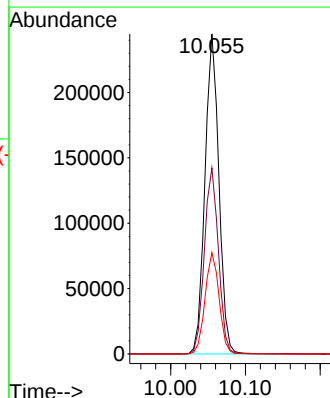
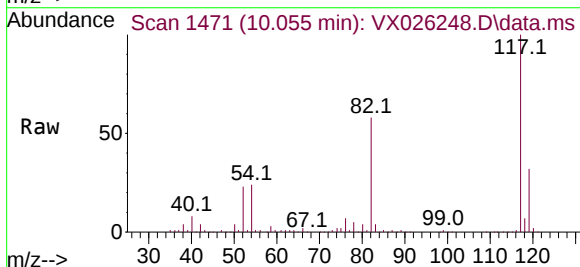
Tgt Ion: 117 Resp: 316486

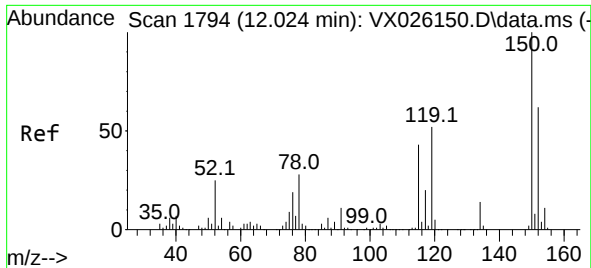
Ion Ratio Lower Upper

117 100

82 58.1 43.8 65.6

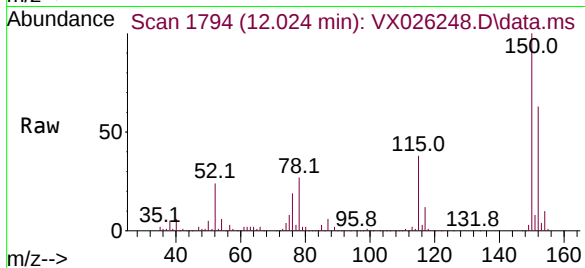
119 31.7 25.2 37.8



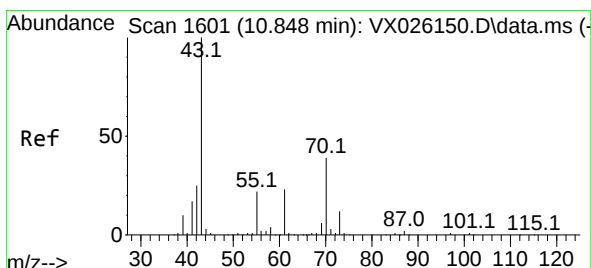
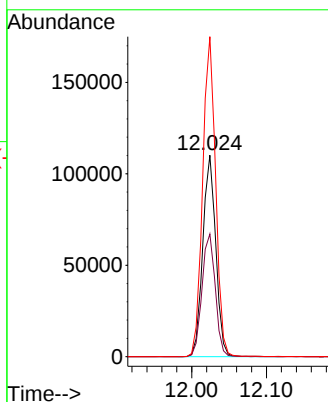
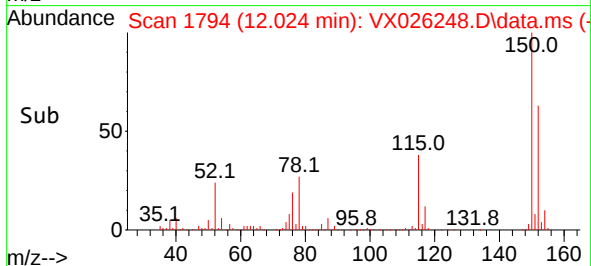


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026248.D
Acq: 04 Jan 2022 02:47

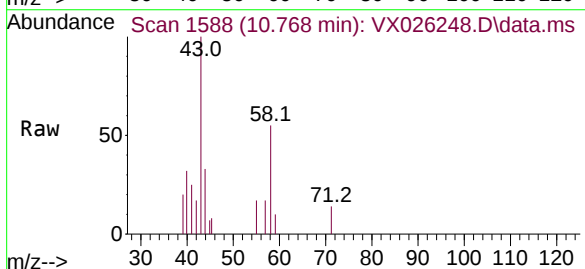
Instrument :
MSVOA_X
ClientSampleId :



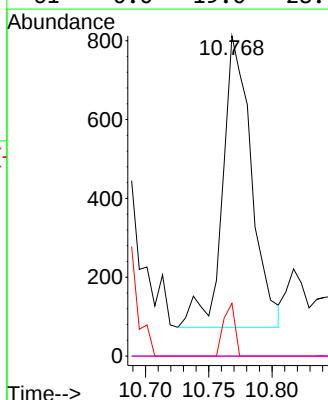
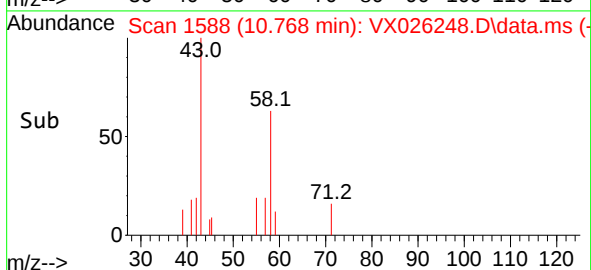
Tgt Ion:152 Resp: 133060
Ion Ratio Lower Upper
152 100
115 62.4 41.3 123.9
150 158.5 0.0 351.8

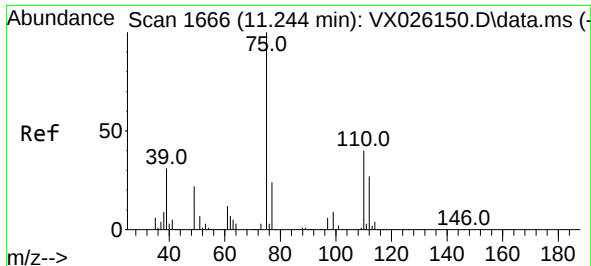


#74
N-ethyl acetate
Concen: 0.247 ug/l
RT: 10.768 min Scan# 1588
Delta R.T. -0.080 min
Lab File: VX026248.D
Acq: 04 Jan 2022 02:47



Tgt Ion: 43 Resp: 1173
Ion Ratio Lower Upper
43 100
70 0.0 34.1 51.1#
55 7.2 19.2 28.8#
61 0.0 19.0 28.4#

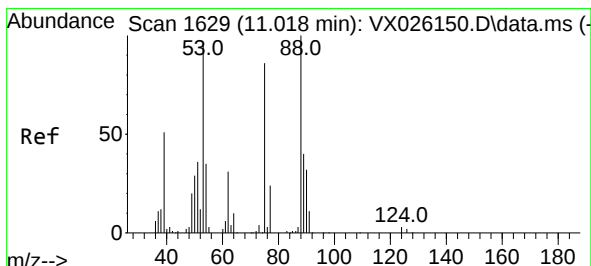
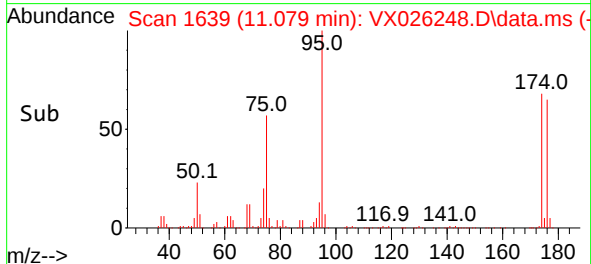
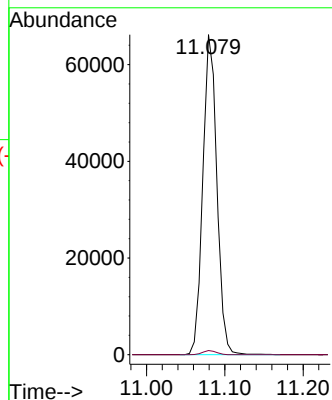
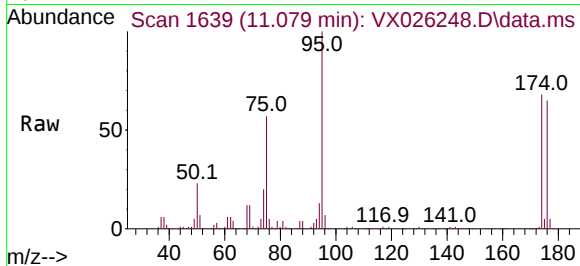




#76
1,2,3-Trichloropropane
Concen: 25.647 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026248.D
Acq: 04 Jan 2022 02:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 82371
Ion Ratio Lower Upper
75 100
77 1.3 19.0 57.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.197 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026248.D
Acq: 04 Jan 2022 02:47

Tgt Ion: 75 Resp: 82371
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.1 38.3 57.5#

