

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010322\
 Data File : VX026252.D
 Acq On : 04 Jan 2022 04:19
 Operator : JC/MD
 Sample : PB141783ZHE#10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 04 08:01:52 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)

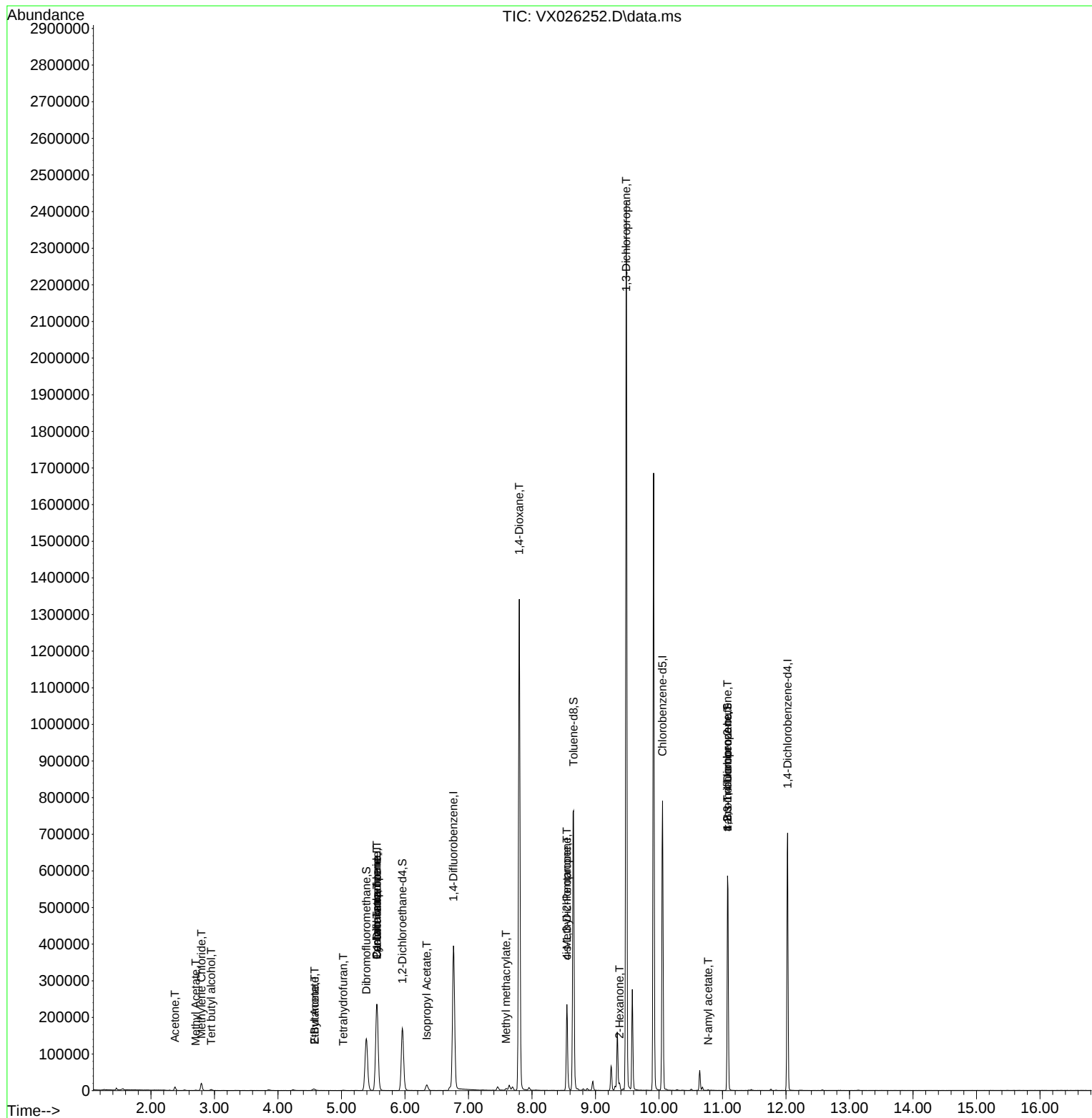
Internal Standards						
1) Pentafluorobenzene	5.556	168	209501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	374192	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	329757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135348	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	167903	55.398	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.800%			
35) Dibromofluoromethane	5.391	113	121930	50.120	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.240%			
50) Toluene-d8	8.653	98	443256	48.985	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.960%			
62) 4-Bromofluorobenzene	11.079	95	153004	47.498	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.000%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	1907	3.150	ug/l #	75
16) Acetone	2.380	43	10654	6.488	ug/l	95
18) Methyl Acetate	2.703	43	1530	0.287	ug/l #	84
20) Methylene Chloride	2.794	84	8407	2.300	ug/l	89
25) 2-Butanone	4.574	43	5622	2.458	ug/l	91
29) Tetrahydrofuran	5.026	42	799	0.554	ug/l #	75
31) Cyclohexane	5.556	56	5456	1.264	ug/l #	43
36) 1,1-Dichloropropene	5.556	75	18479	4.710	ug/l #	50
37) Ethyl Acetate	4.574	43	5622	1.236	ug/l #	69
38) Carbon Tetrachloride	5.556	117	23151	5.304	ug/l #	16
43) Isopropyl Acetate	6.342	43	21758	2.934	ug/l #	94
48) Methyl methacrylate	7.592	41	6617	1.861	ug/l #	12
49) 1,4-Dioxane	7.800	88	133	2.029	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	81998	17.770	ug/l #	49
54) cis-1,3-Dichloropropene	8.549	75	33589	7.352	ug/l #	68
57) 1,3-Dichloropropane	9.482	76	19685	4.056	ug/l #	43
59) 2-Hexanone	9.378	43	10113	2.893	ug/l #	25
74) N-amyl acetate	10.775	43	1003	0.208	ug/l #	46
76) 1,2,3-Trichloropropane	11.079	75	84346	25.818	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	84346	74.691	ug/l #	10

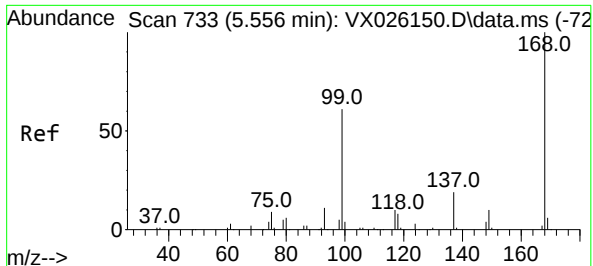
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

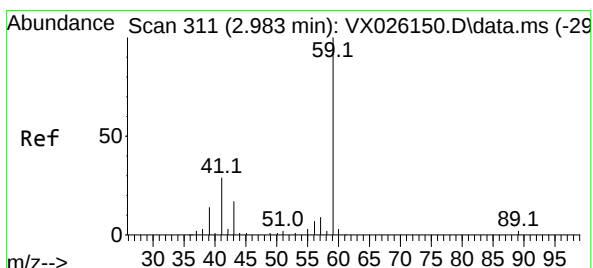
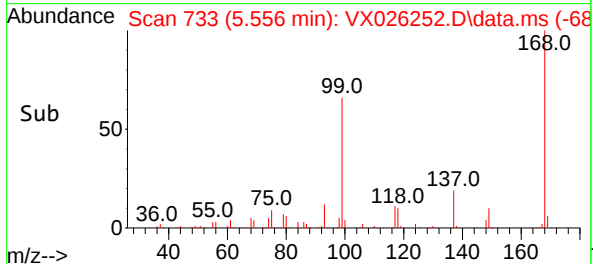
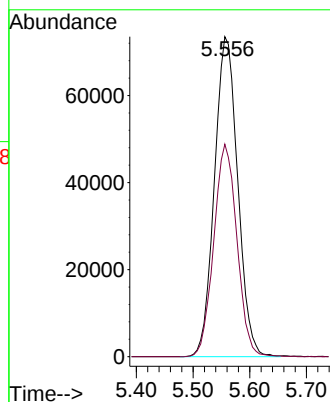
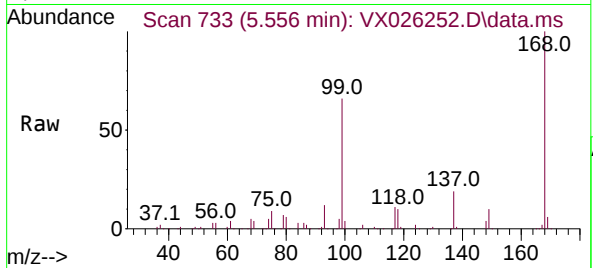




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX026252.D
Acq: 04 Jan 2022 04:19

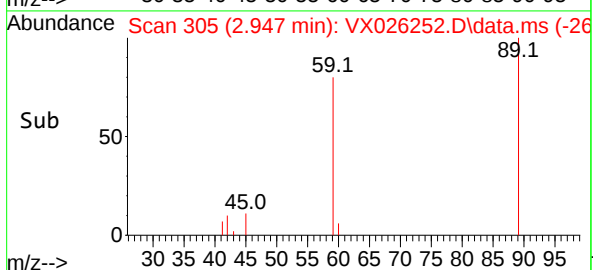
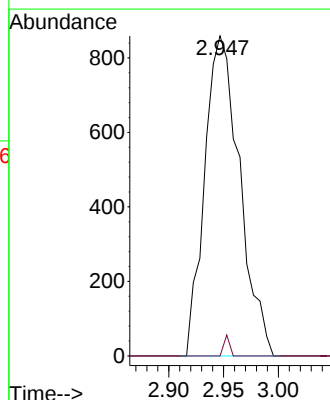
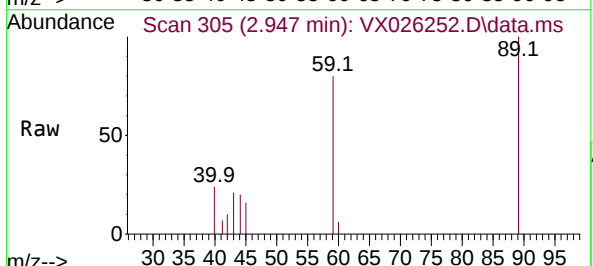
Instrument :
MSVOA_X
ClientSampleId :

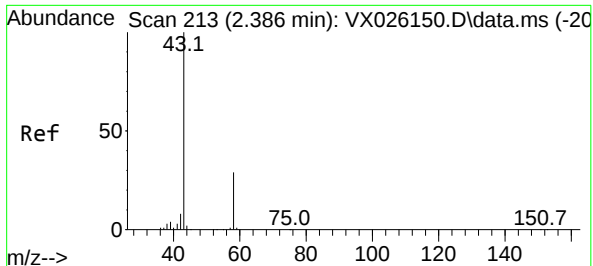
Tgt Ion:168 Resp: 209501
Ion Ratio Lower Upper
168 100
99 66.4 45.8 68.8



#11
Tert butyl alcohol
Concen: 3.150 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX026252.D
Acq: 04 Jan 2022 04:19

Tgt Ion: 59 Resp: 1907
Ion Ratio Lower Upper
59 100
57 1.0 8.2 12.2#

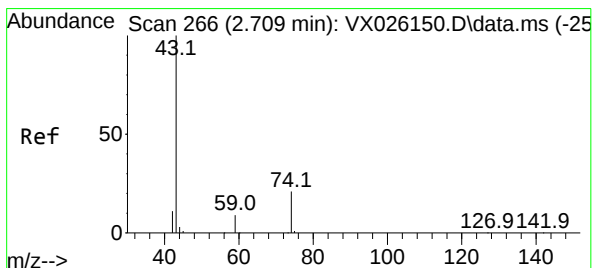
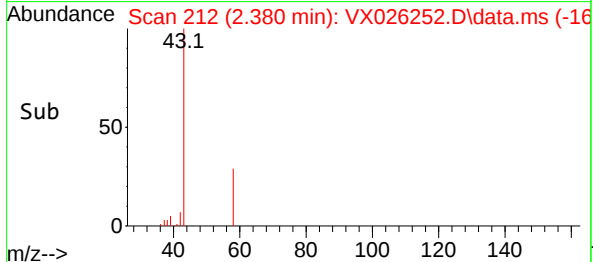
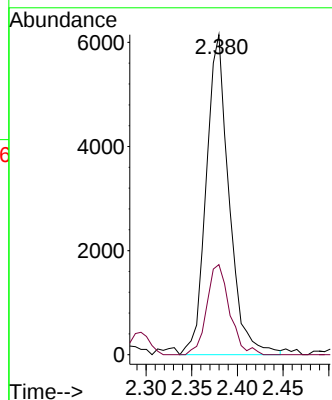
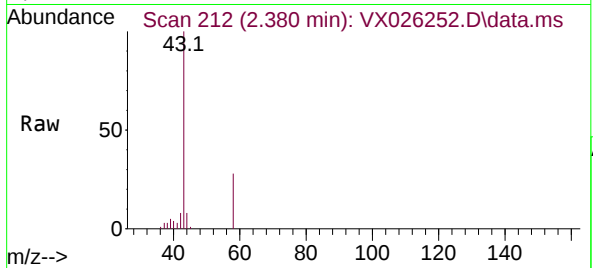




#16
Acetone
Concen: 6.488 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX026252.D
Acq: 04 Jan 2022 04:19

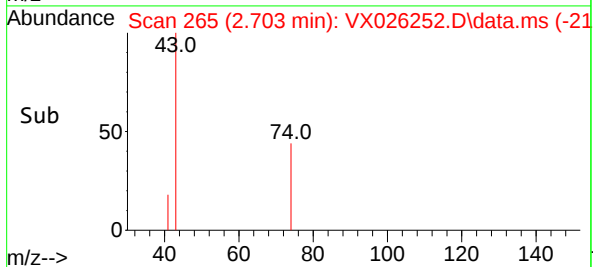
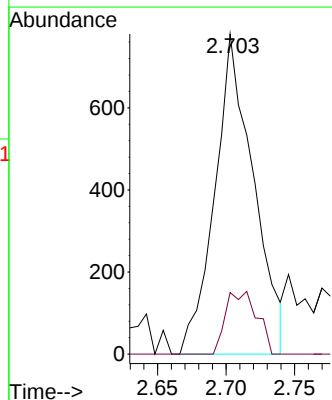
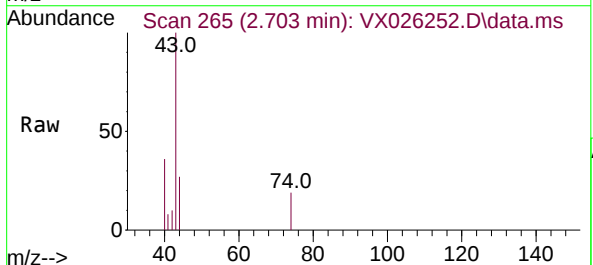
Instrument :
MSVOA_X
ClientSampleId :

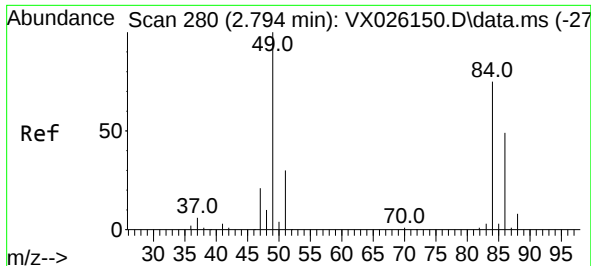
Tgt Ion: 43 Resp: 10654
Ion Ratio Lower Upper
43 100
58 28.2 24.8 37.2



#18
Methyl Acetate
Concen: 0.287 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX026252.D
Acq: 04 Jan 2022 04:19

Tgt Ion: 43 Resp: 1530
Ion Ratio Lower Upper
43 100
74 15.9 19.1 28.7#





#20

Methylene Chloride

Concen: 2.300 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.000 min

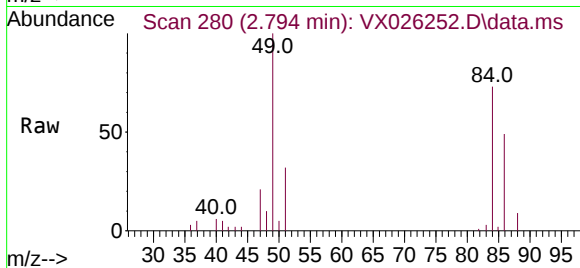
Lab File: VX026252.D

Acq: 04 Jan 2022 04:19

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 8407

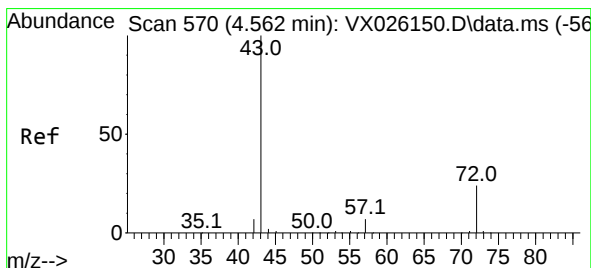
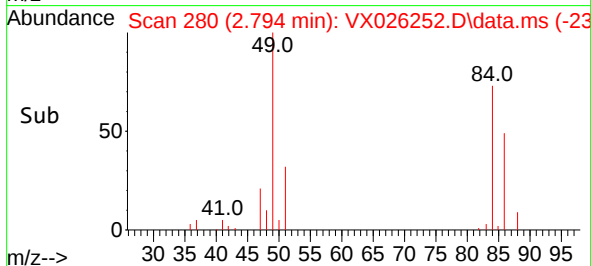
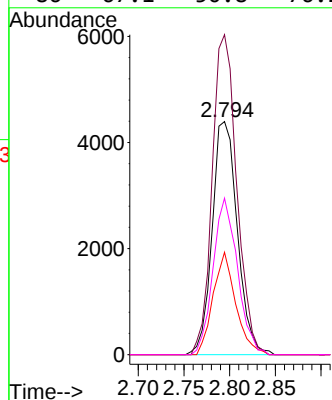
Ion Ratio Lower Upper

84 100

49 137.2 97.1 145.7

51 43.9 29.3 43.9

86 67.1 50.8 76.2



#25

2-Butanone

Concen: 2.458 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.012 min

Lab File: VX026252.D

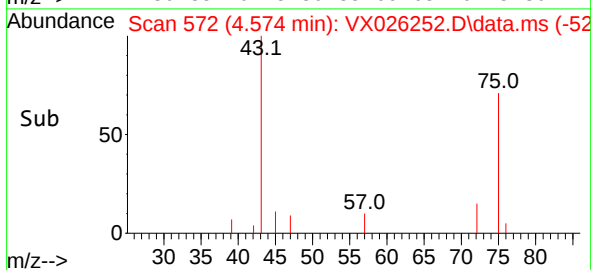
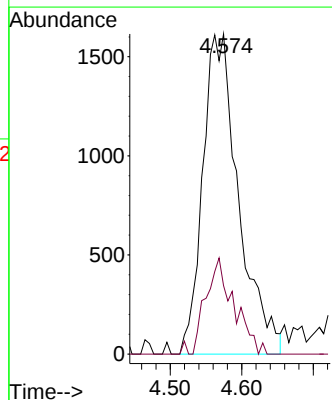
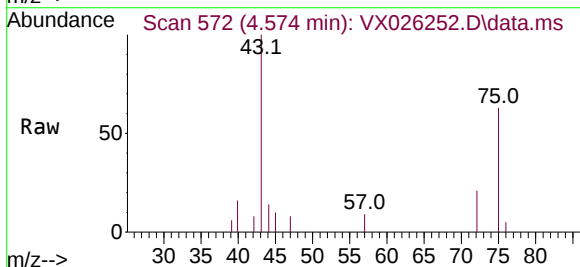
Acq: 04 Jan 2022 04:19

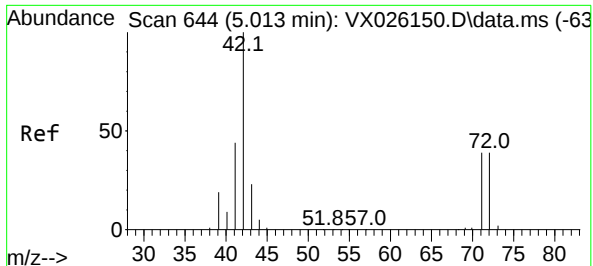
Tgt Ion: 43 Resp: 5622

Ion Ratio Lower Upper

43 100

72 21.4 21.0 31.4





#29

Tetrahydrofuran

Concen: 0.554 ug/l

RT: 5.026 min Scan# 644

Delta R.T. 0.013 min

Lab File: VX026252.D

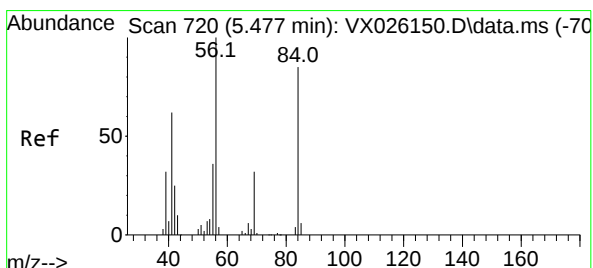
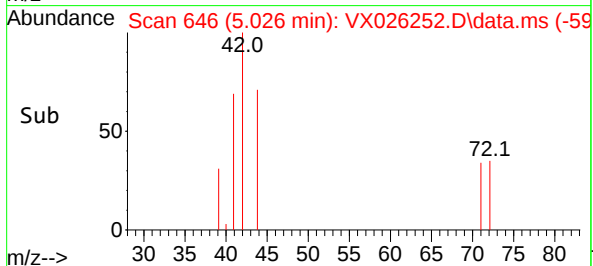
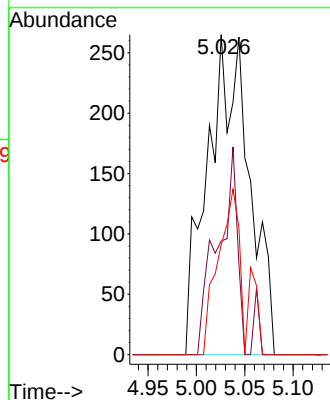
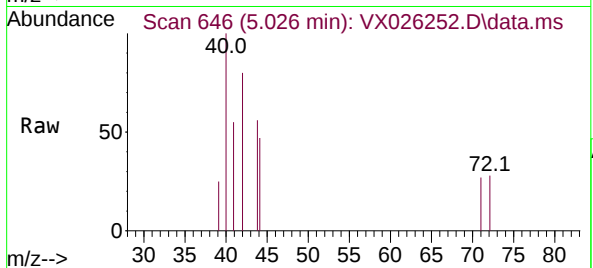
Acq: 04 Jan 2022 04:19

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	42	Resp:	799
Ion	Ratio	Lower	Upper
42	100		
72	30.7	37.0	55.6#
71	25.9	34.1	51.1#



#31

Cyclohexane

Concen: 1.264 ug/l

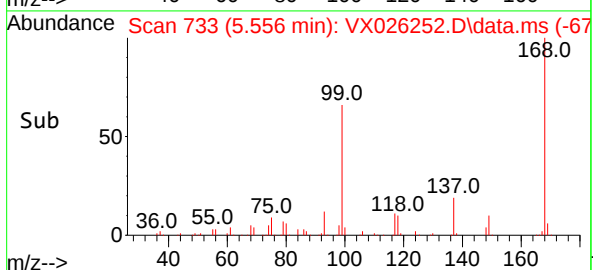
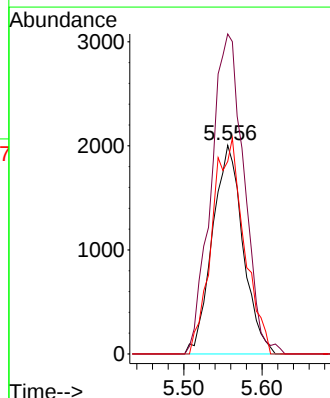
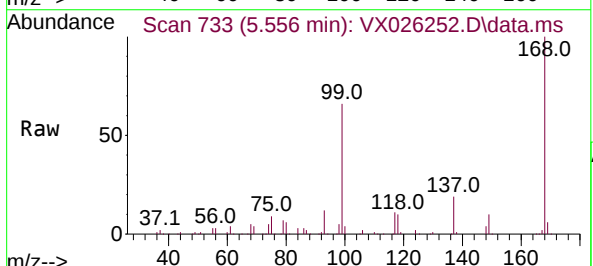
RT: 5.556 min Scan# 733

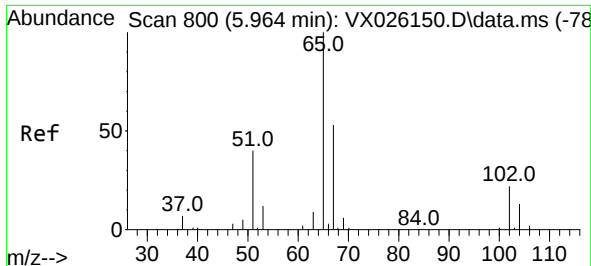
Delta R.T. 0.079 min

Lab File: VX026252.D

Acq: 04 Jan 2022 04:19

Tgt Ion:	56	Resp:	5456
Ion	Ratio	Lower	Upper
56	100		
69	153.4	23.9	35.9#
84	92.2	73.2	109.8





#33

1,2-Dichloroethane-d4

Concen: 55.398 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026252.D

Acq: 04 Jan 2022 04:19

Instrument :

MSVOA_X

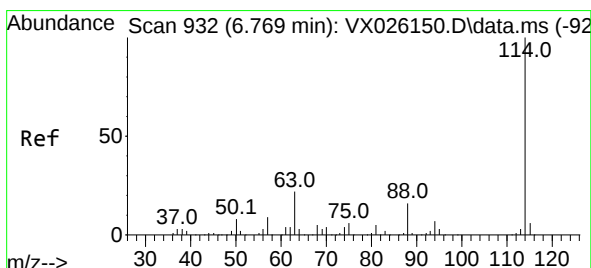
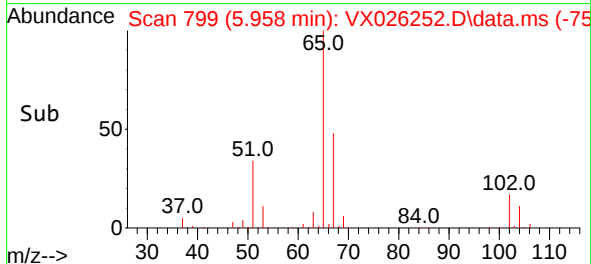
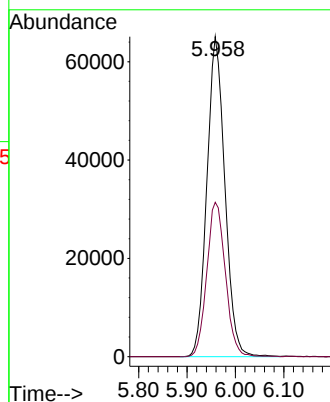
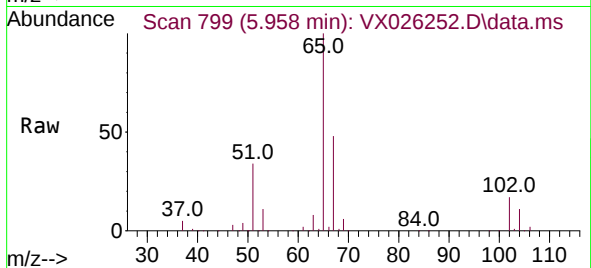
ClientSampleId :

Tgt Ion: 65 Resp: 167903

Ion Ratio Lower Upper

65 100

67 50.0 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: VX026252.D

Acq: 04 Jan 2022 04:19

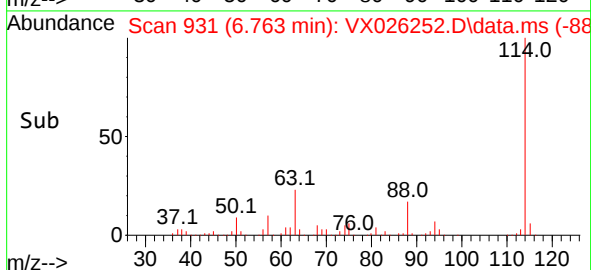
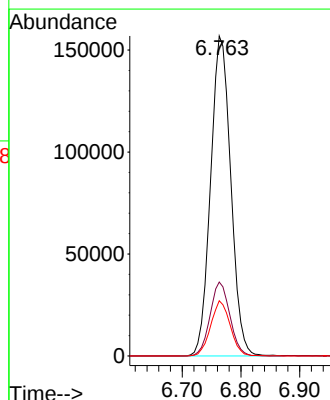
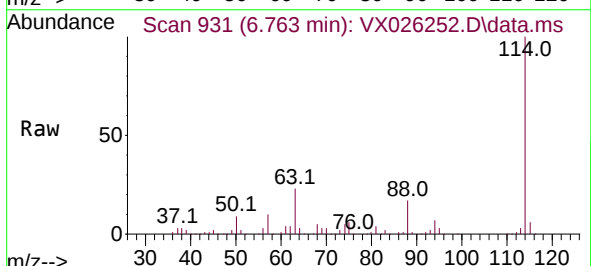
Tgt Ion: 114 Resp: 374192

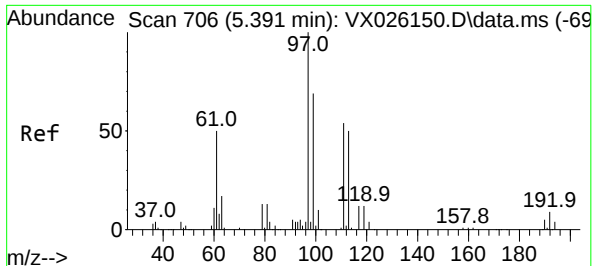
Ion Ratio Lower Upper

114 100

63 23.1 0.0 40.0

88 17.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.120 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

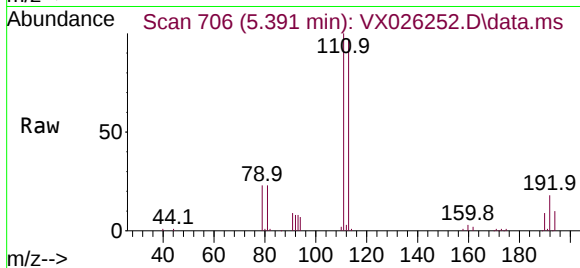
Lab File: VX026252.D

Acq: 04 Jan 2022 04:19

Instrument :

MSVOA_X

ClientSampleId :



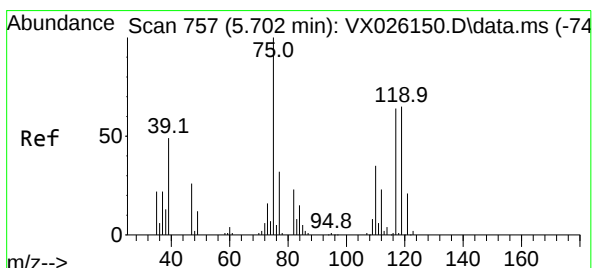
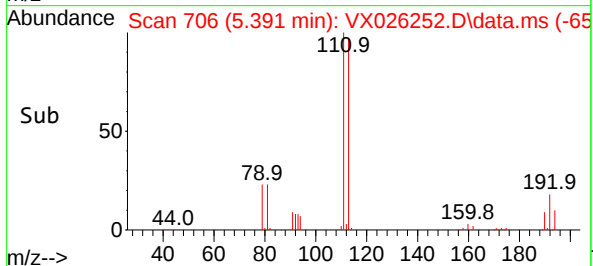
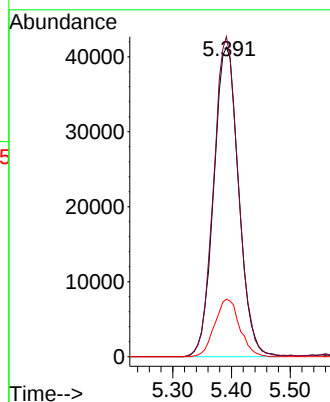
Tgt Ion:113 Resp: 121930

Ion Ratio Lower Upper

113 100

111 102.0 81.8 122.8

192 18.5 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.710 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX026252.D

Acq: 04 Jan 2022 04:19

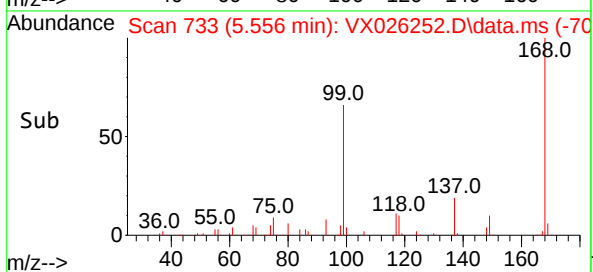
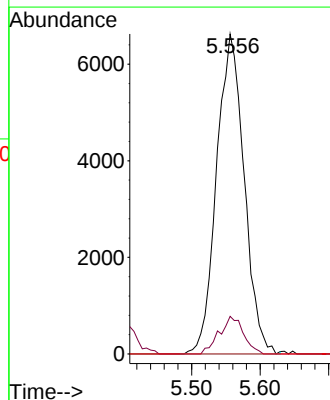
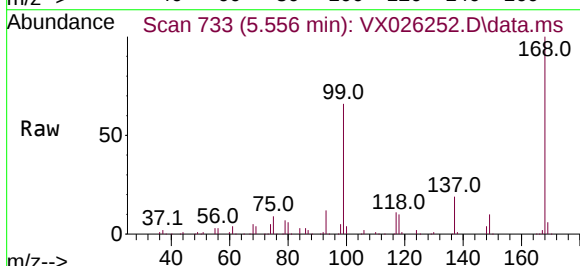
Tgt Ion: 75 Resp: 18479

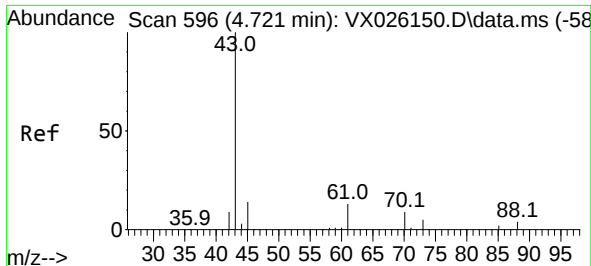
Ion Ratio Lower Upper

75 100

110 10.3 18.2 54.6#

77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 1.236 ug/l

RT: 4.574 min Scan# 51

Delta R.T. -0.147 min

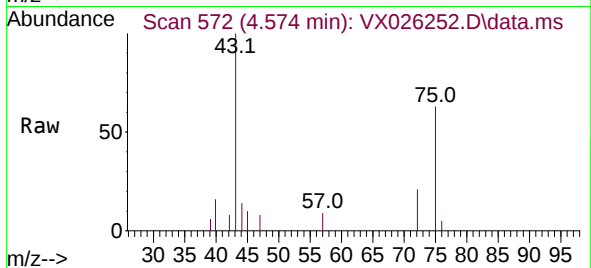
Lab File: VX026252.D

Acq: 04 Jan 2022 04:19

Instrument :

MSVOA_X

ClientSampleId :



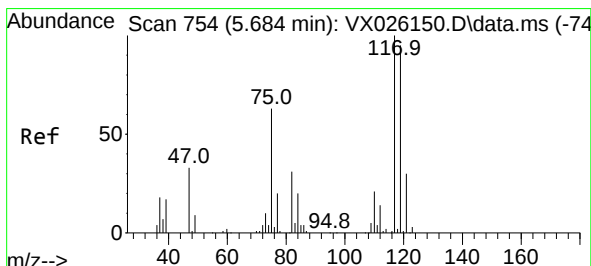
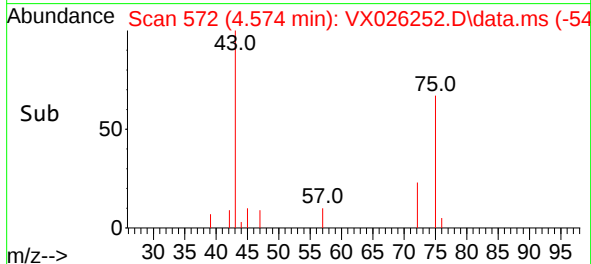
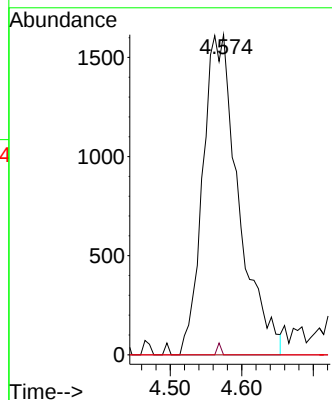
Tgt Ion: 43 Resp: 5622

Ion Ratio Lower Upper

43 100

61 0.4 10.7 16.1#

70 0.0 8.5 12.7#



#38

Carbon Tetrachloride

Concen: 5.304 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX026252.D

Acq: 04 Jan 2022 04:19

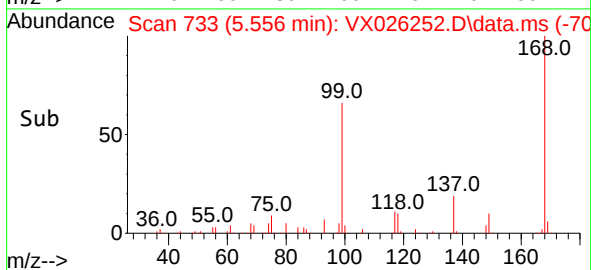
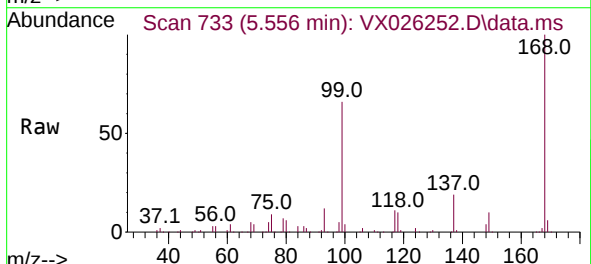
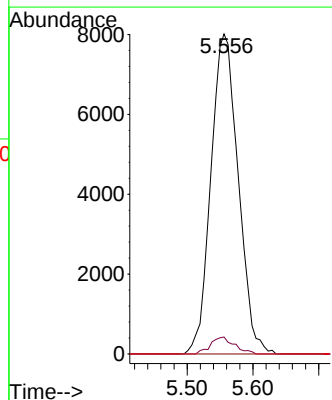
Tgt Ion: 117 Resp: 23151

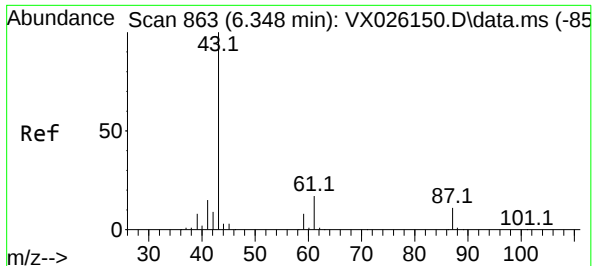
Ion Ratio Lower Upper

117 100

119 5.3 77.2 115.8#

121 0.0 23.8 35.8#

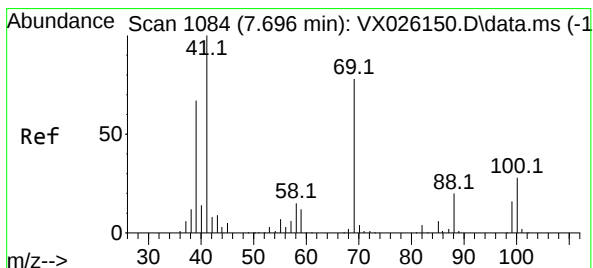
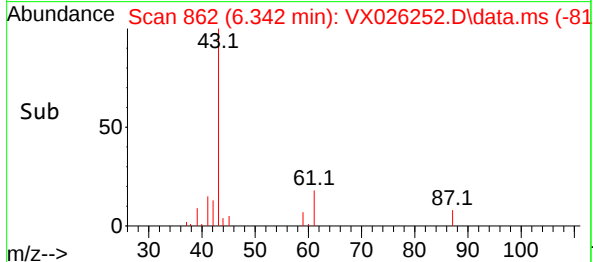
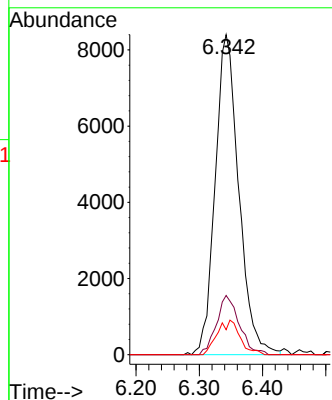
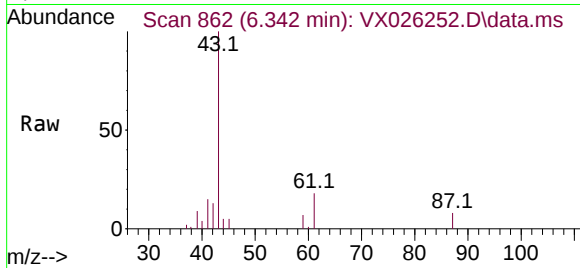




#43
Isopropyl Acetate
Concen: 2.934 ug/l
RT: 6.342 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX026252.D
Acq: 04 Jan 2022 04:19

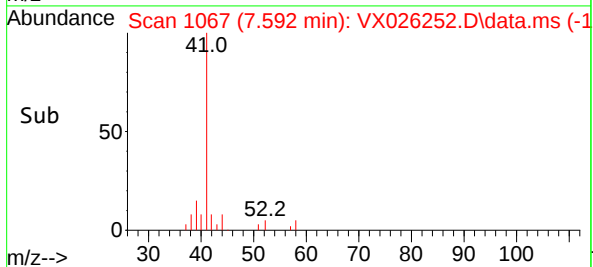
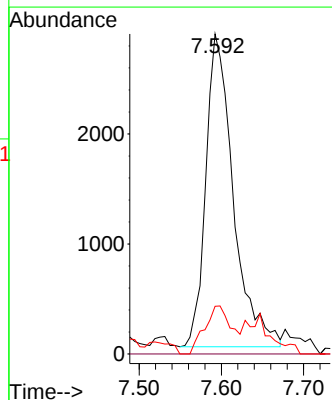
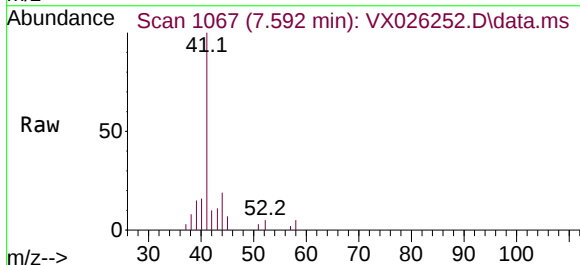
Instrument :
MSVOA_X
ClientSampleId :

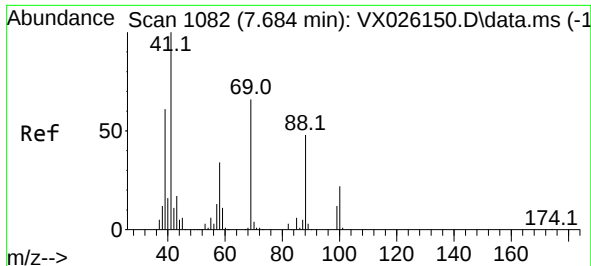
Tgt Ion: 43 Resp: 21758
Ion Ratio Lower Upper
43 100
61 17.8 15.7 23.5
87 10.4 11.2 16.8#



#48
Methyl methacrylate
Concen: 1.861 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. -0.104 min
Lab File: VX026252.D
Acq: 04 Jan 2022 04:19

Tgt Ion: 41 Resp: 6617
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: 2.029 ug/l

RT: 7.800 min Scan# 1101

Delta R.T. 0.115 min

Lab File: VX026252.D

Acq: 04 Jan 2022 04:19

Instrument :

MSVOA_X

ClientSampleId :

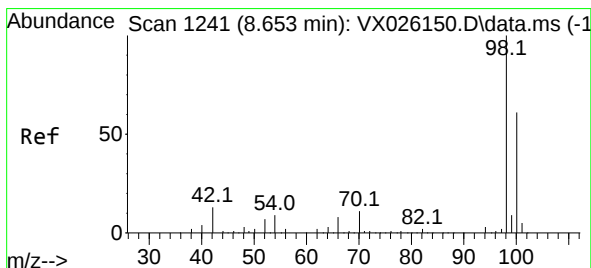
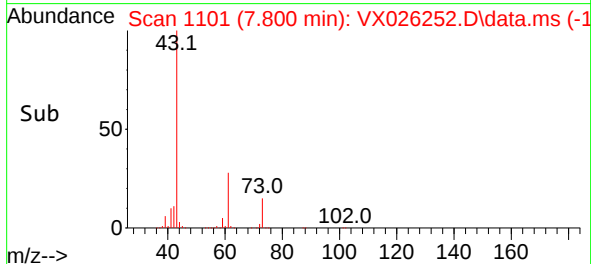
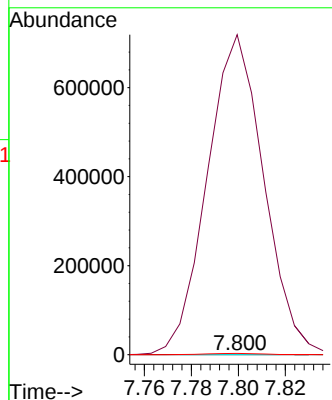
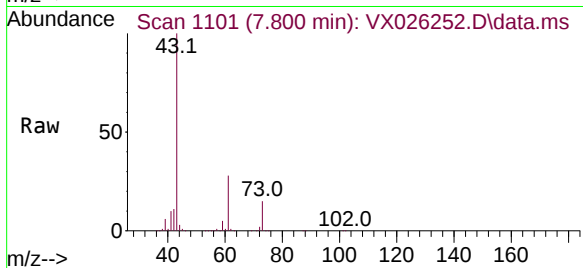
Tgt Ion: 88 Resp: 133

Ion Ratio Lower Upper

88 100

43 913327.1 25.3 37.9#

58 3714.3 51.8 77.6#



#50

Toluene-d8

Concen: 48.985 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX026252.D

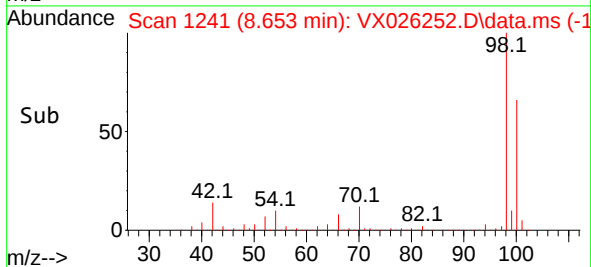
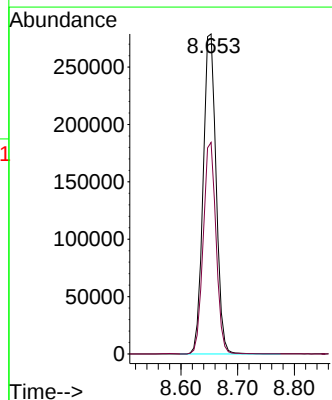
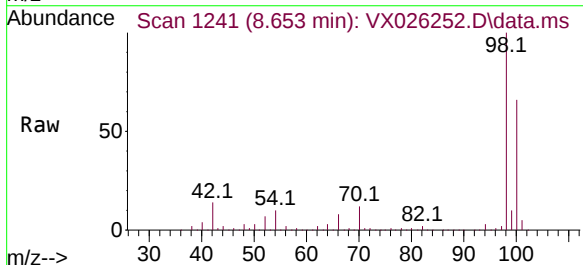
Acq: 04 Jan 2022 04:19

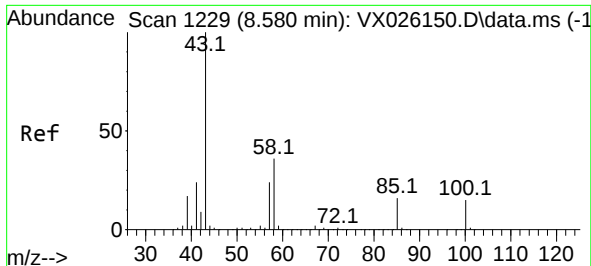
Tgt Ion: 98 Resp: 443256

Ion Ratio Lower Upper

98 100

100 65.5 52.6 78.8

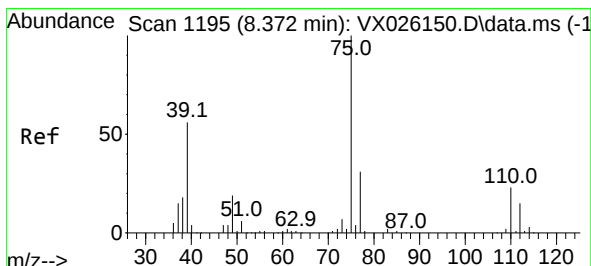
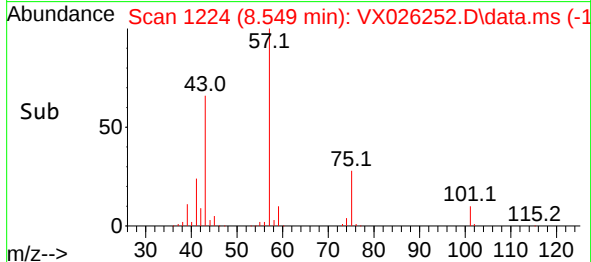
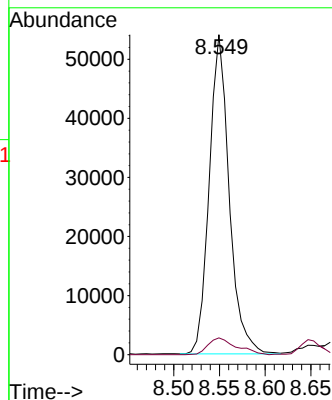
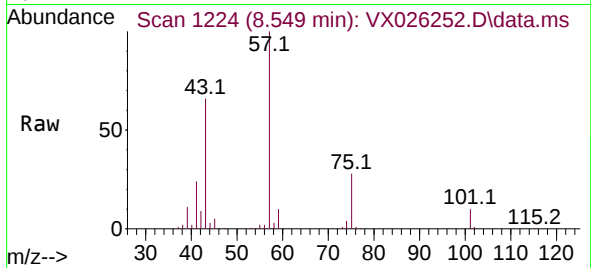




#51
4-Methyl-2-Pentanone
Concen: 17.770 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.031 min
Lab File: VX026252.D
Acq: 04 Jan 2022 04:19

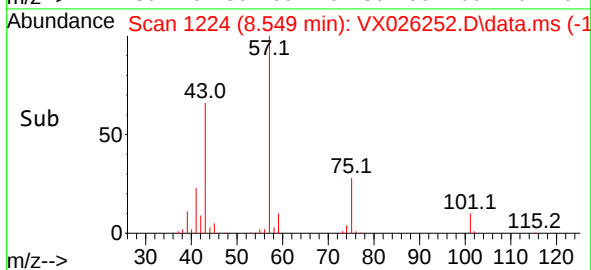
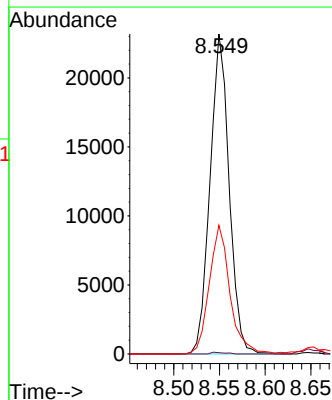
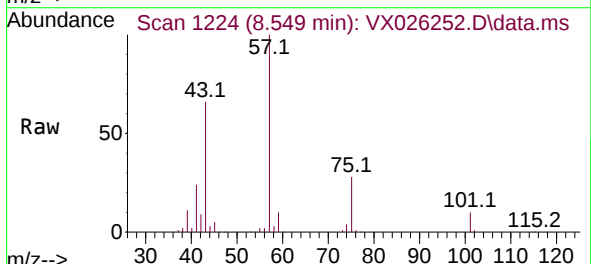
Instrument :
MSVOA_X
ClientSampleId :

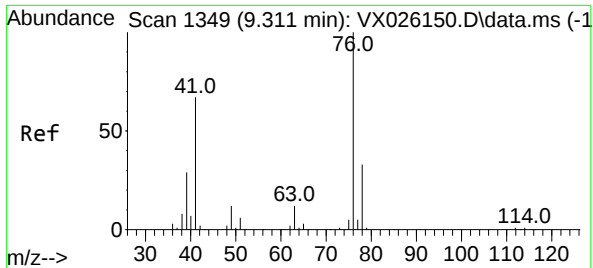
Tgt Ion: 43 Resp: 81998
Ion Ratio Lower Upper
43 100
58 7.5 30.8 46.2#



#54
cis-1,3-Dichloropropene
Concen: 7.352 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.177 min
Lab File: VX026252.D
Acq: 04 Jan 2022 04:19

Tgt Ion: 75 Resp: 33589
Ion Ratio Lower Upper
75 100
77 0.4 25.3 37.9#
39 40.2 41.4 62.0#





#57

1,3-Dichloropropane

Concen: 4.056 ug/l

RT: 9.482 min Scan# 1

Delta R.T. 0.171 min

Lab File: VX026252.D

Acq: 04 Jan 2022 04:19

Instrument :

MSVOA_X

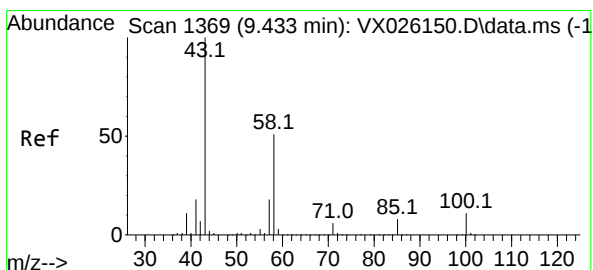
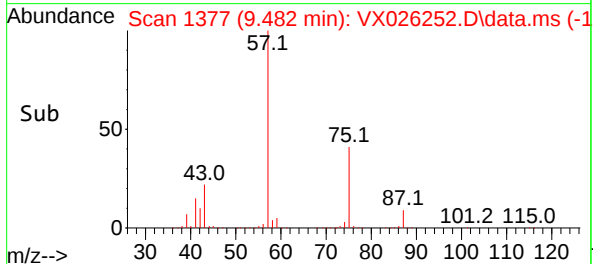
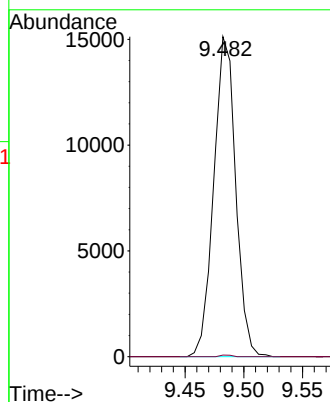
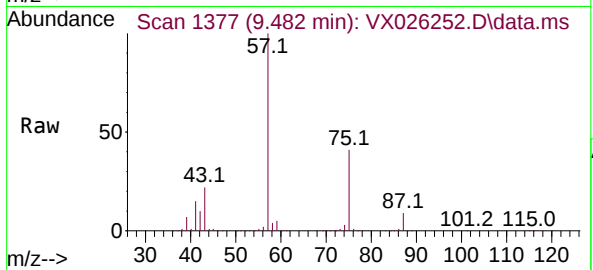
ClientSampleId :

Tgt Ion: 76 Resp: 19685

Ion Ratio Lower Upper

76 100

78 0.3 26.0 39.0#



#59

2-Hexanone

Concen: 2.893 ug/l

RT: 9.378 min Scan# 1360

Delta R.T. -0.055 min

Lab File: VX026252.D

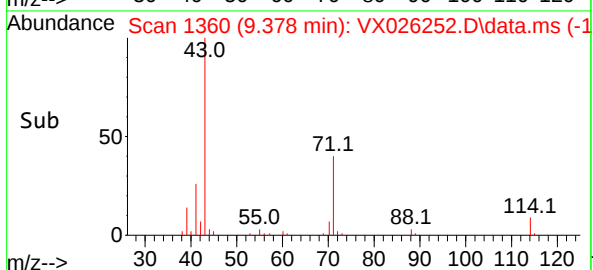
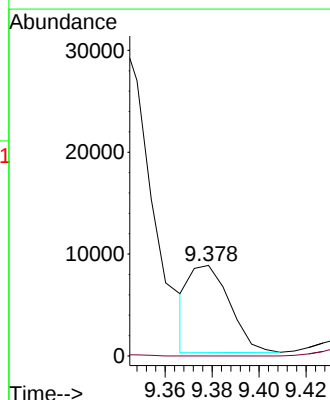
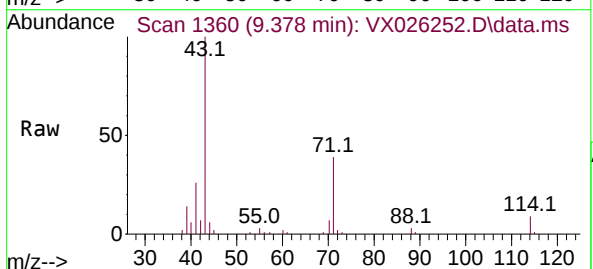
Acq: 04 Jan 2022 04:19

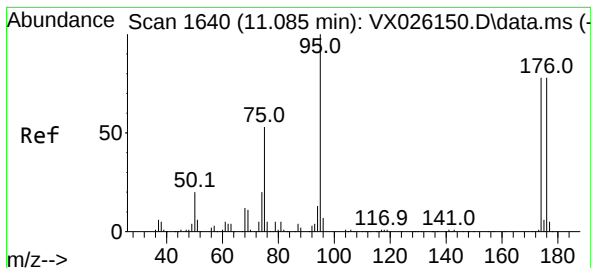
Tgt Ion: 43 Resp: 10113

Ion Ratio Lower Upper

43 100

58 0.0 26.9 80.6#

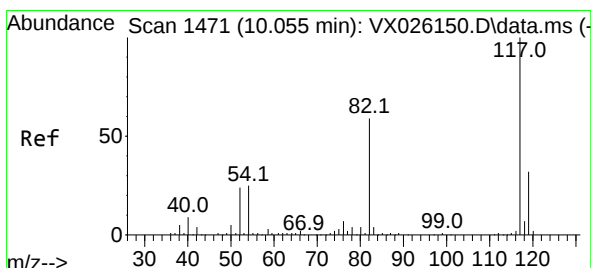
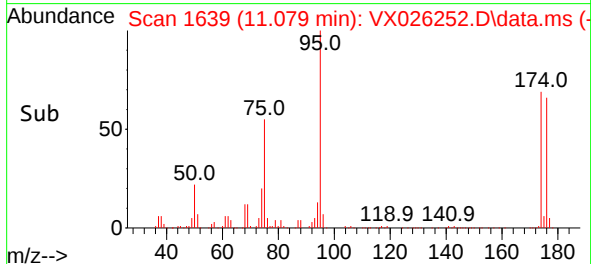
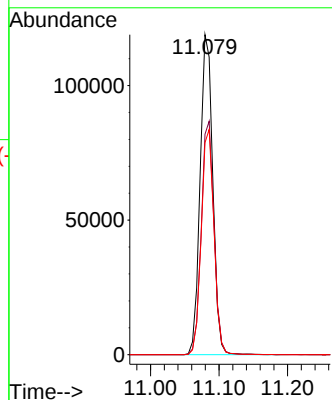
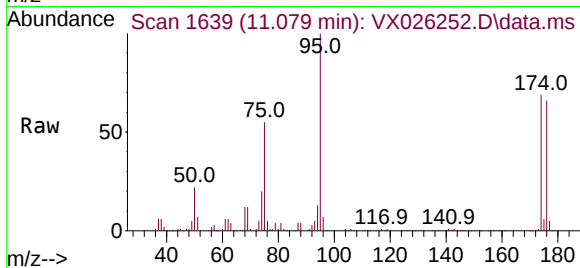




#62
4-Bromofluorobenzene
Concen: 47.498 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX026252.D
Acq: 04 Jan 2022 04:19

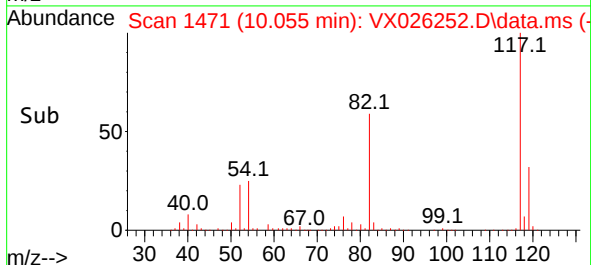
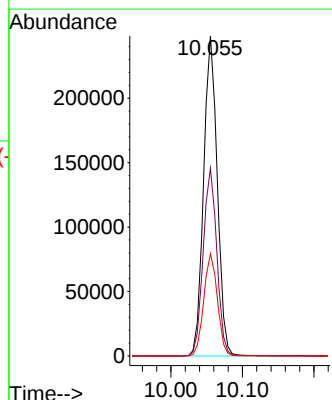
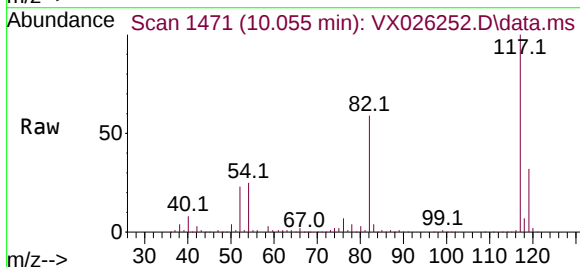
Instrument :
MSVOA_X
ClientSampleId :

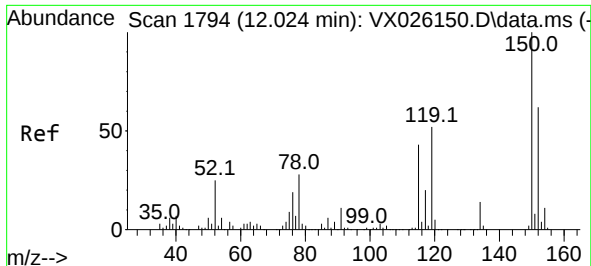
Tgt Ion: 95 Resp: 153004
Ion Ratio Lower Upper
95 100
174 73.0 0.0 157.4
176 70.6 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026252.D
Acq: 04 Jan 2022 04:19

Tgt Ion: 117 Resp: 329757
Ion Ratio Lower Upper
117 100
82 58.7 43.8 65.6
119 32.0 25.2 37.8

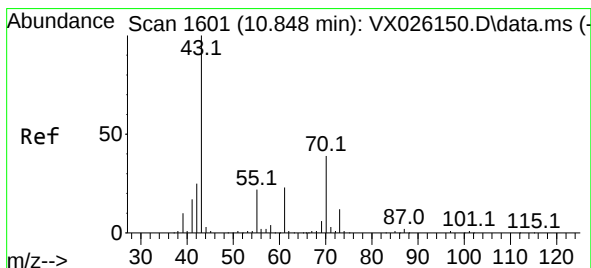
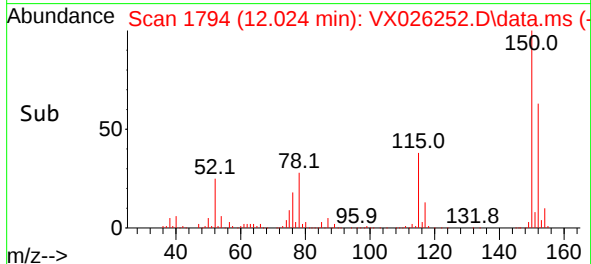
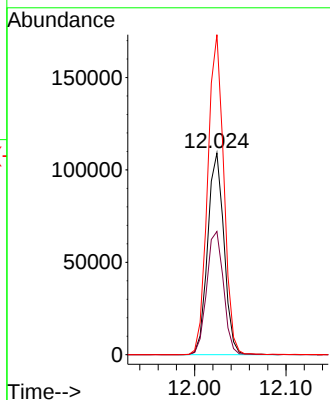
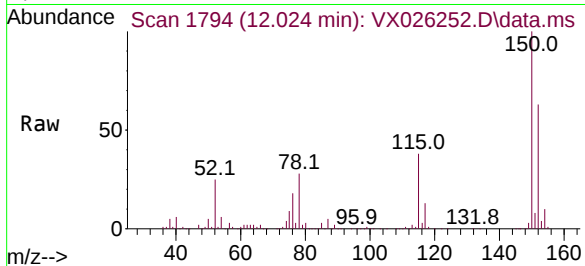




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026252.D
Acq: 04 Jan 2022 04:19

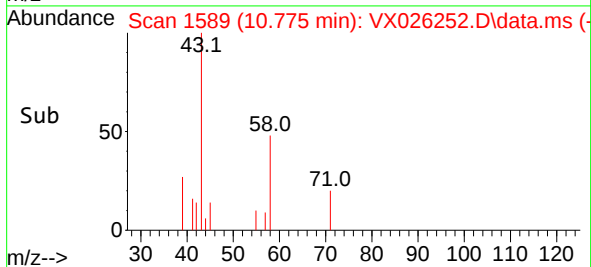
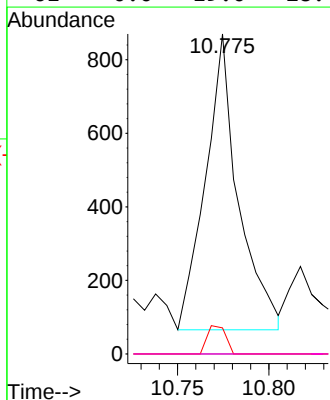
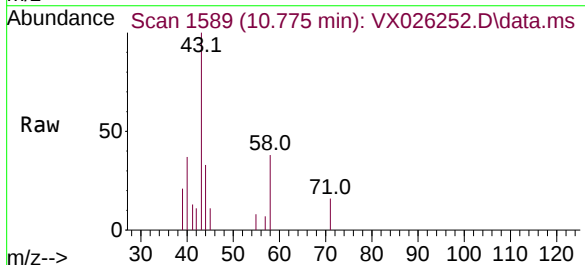
Instrument :
MSVOA_X
ClientSampleId :

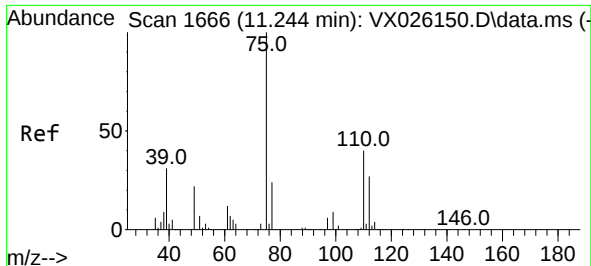
Tgt Ion:152 Resp: 135348
Ion Ratio Lower Upper
152 100
115 63.0 41.3 123.9
150 156.9 0.0 351.8



#74
N-ethyl acetate
Concen: 0.208 ug/l
RT: 10.775 min Scan# 1589
Delta R.T. -0.073 min
Lab File: VX026252.D
Acq: 04 Jan 2022 04:19

Tgt Ion: 43 Resp: 1003
Ion Ratio Lower Upper
43 100
70 0.0 34.1 51.1#
55 5.4 19.2 28.8#
61 0.0 19.0 28.4#

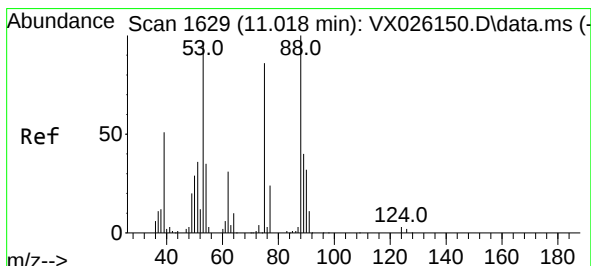
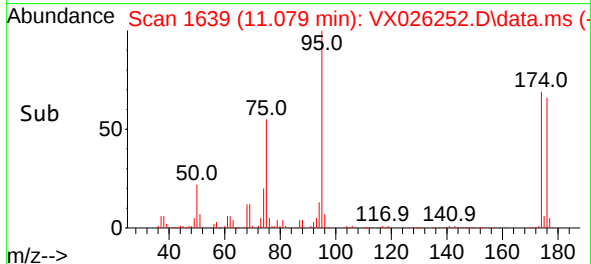
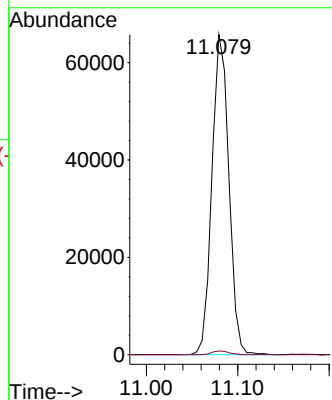
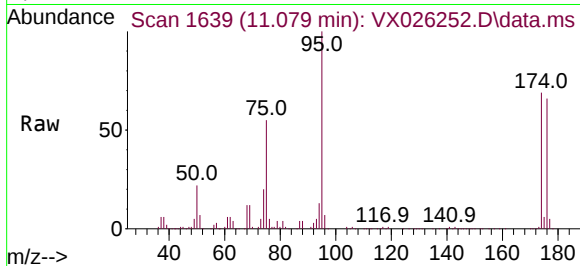




#76
1,2,3-Trichloropropane
Concen: 25.818 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026252.D
Acq: 04 Jan 2022 04:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 84346
Ion Ratio Lower Upper
75 100
77 1.1 19.0 57.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.691 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026252.D
Acq: 04 Jan 2022 04:19

Tgt Ion: 75 Resp: 84346
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#

