

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010522\
 Data File : VX026345.D
 Acq On : 06 Jan 2022 00:52
 Operator : JC/MD
 Sample : N1019-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 06 05:04:17 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)

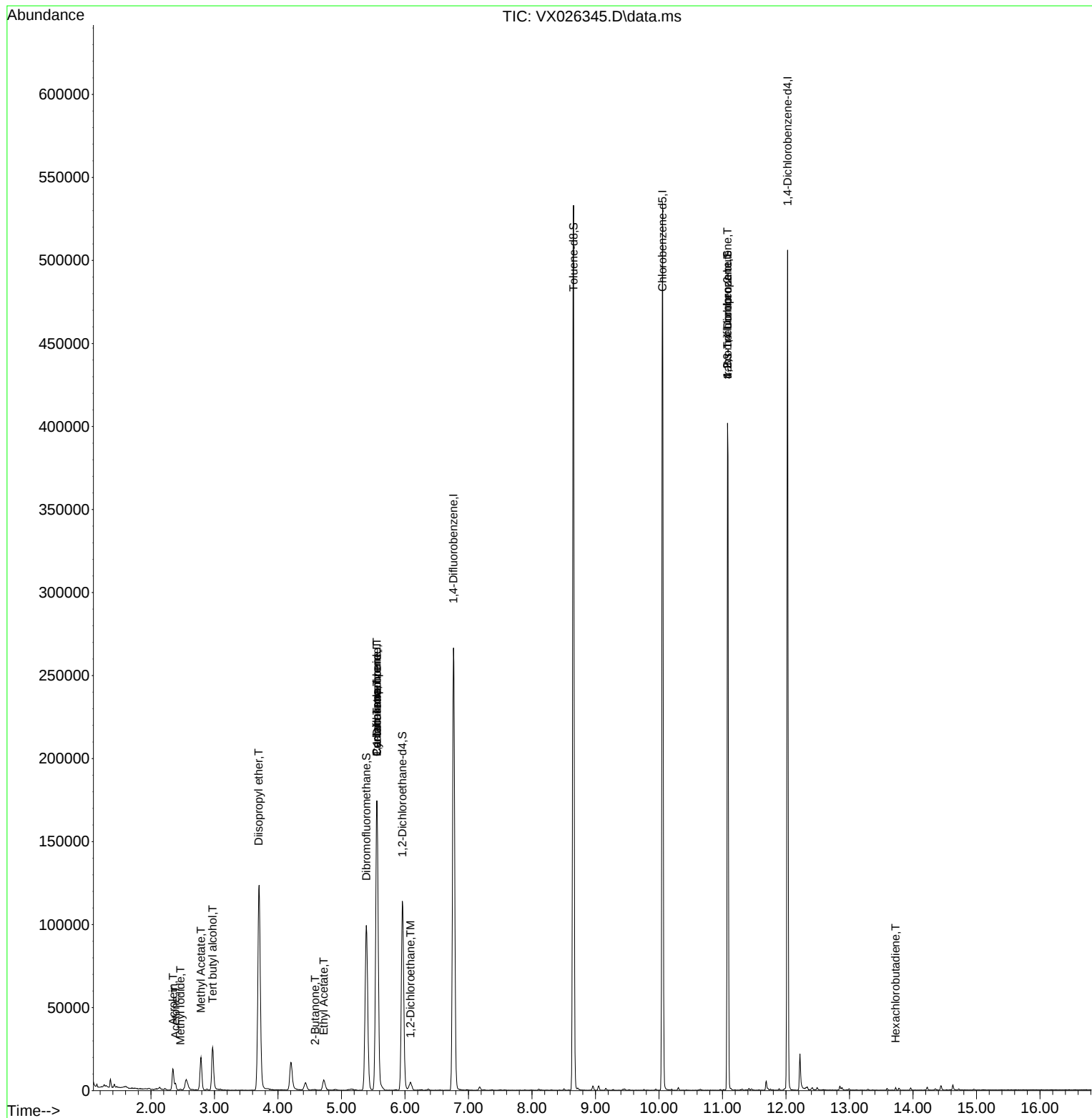
Internal Standards						
1) Pentafluorobenzene	5.556	168	158492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	266721	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95466	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	115489	50.368	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.740%		
35) Dibromofluoromethane	5.391	113	87273	50.329	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.660%		
50) Toluene-d8	8.653	98	306132	47.463	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 94.920%		
62) 4-Bromofluorobenzene	11.079	95	112908	49.174	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 98.340%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.465	142	727	0.304	ug/l #	89
11) Tert butyl alcohol	2.971	59	1935	4.225	ug/l #	60
13) Acrolein	2.349	56	1706	10.418	ug/l #	82
16) Acetone	2.386	43	4476	3.603	ug/l	93
18) Methyl Acetate	2.788	43	13404	3.326	ug/l #	51
20) Methylene Chloride	2.794	84	219	Below Cal	#	18
22) Diisopropyl ether	3.697	45	4287	0.648	ug/l #	1
25) 2-Butanone	4.587	43	351	0.203	ug/l #	49
31) Cyclohexane	5.556	56	3653	1.119	ug/l #	6
36) 1,1-Dichloropropene	5.556	75	13417	4.797	ug/l #	50
37) Ethyl Acetate	4.721	43	11434	3.526	ug/l	97
38) Carbon Tetrachloride	5.556	117	17115	5.501	ug/l #	15
42) 1,2-Dichloroethane	6.086	62	1195	0.370	ug/l #	74
76) 1,2,3-Trichloropropane	11.079	75	58102	25.214	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	58102	72.946	ug/l #	10
94) Hexachlorobutadiene	13.725	225	289	0.344	ug/l	84

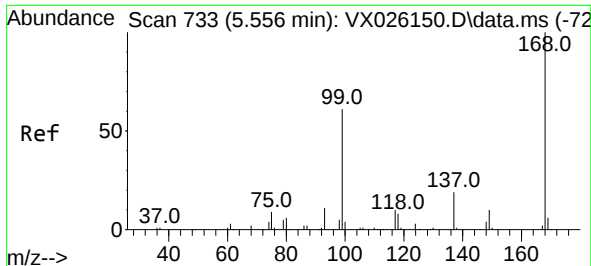
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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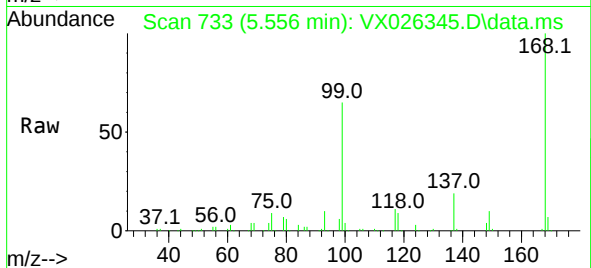
Quant Time: Jan 06 05:04:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration



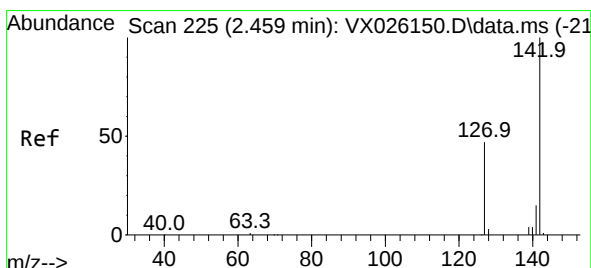
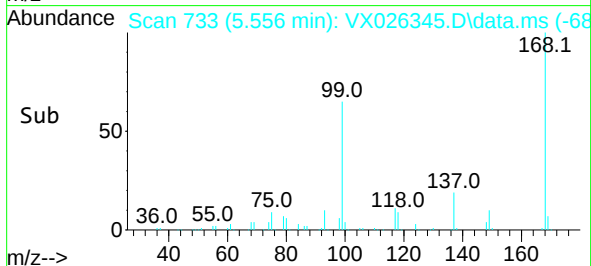
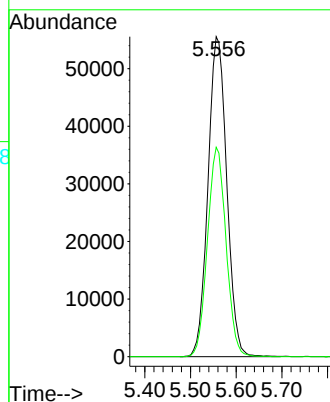


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026345.D
Acq: 06 Jan 2022 00:52

Instrument :
MSVOA_X
ClientSampleId :

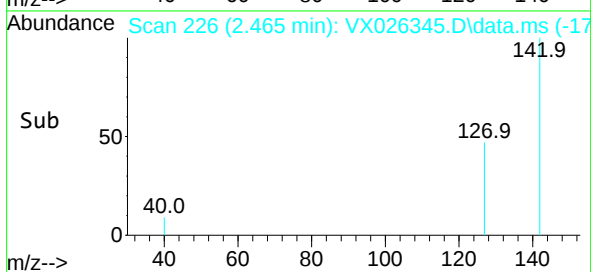
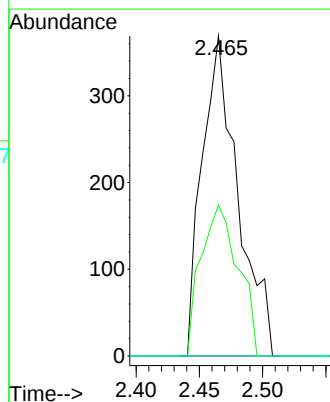
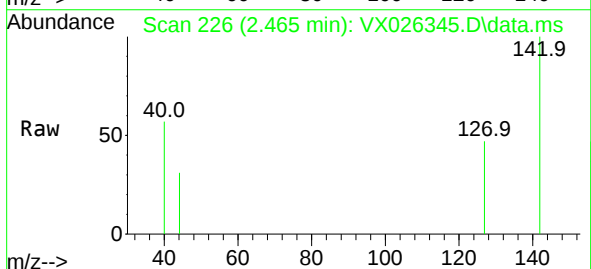


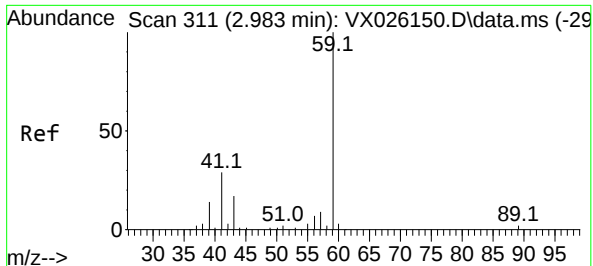
Tgt Ion:168 Resp: 158492
Ion Ratio Lower Upper
168 100
99 65.5 45.8 68.8



#10
Methyl Iodide
Concen: 0.304 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX026345.D
Acq: 06 Jan 2022 00:52

Tgt Ion:142 Resp: 727
Ion Ratio Lower Upper
142 100
127 49.4 37.5 56.3
141 0.0 11.4 17.0#





#11

Tert butyl alcohol

Concen: 4.225 ug/l

RT: 2.971 min Scan# 309

Delta R.T. -0.012 min

Lab File: VX026345.D

Acq: 06 Jan 2022 00:52

Instrument :

MSVOA_X

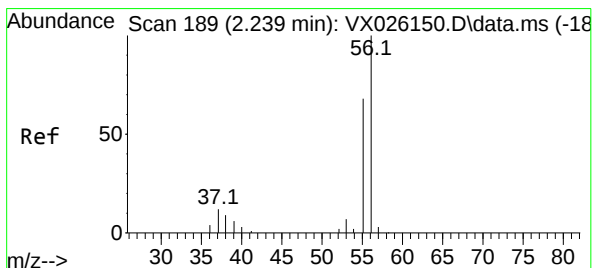
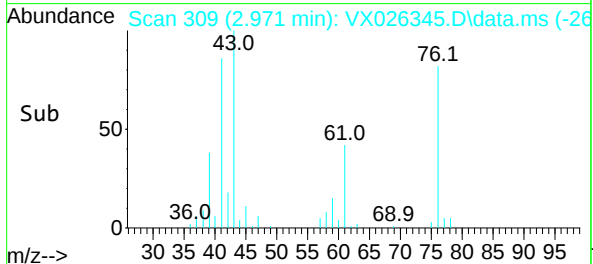
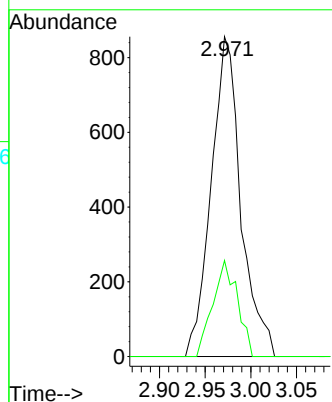
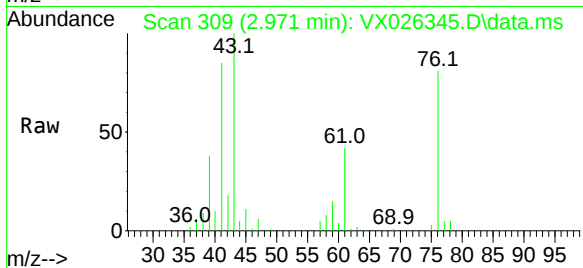
ClientSampleId :

Tgt Ion: 59 Resp: 1935

Ion Ratio Lower Upper

59 100

57 24.9 8.2 12.2#



#13

Acrolein

Concen: 10.418 ug/l

RT: 2.349 min Scan# 207

Delta R.T. 0.110 min

Lab File: VX026345.D

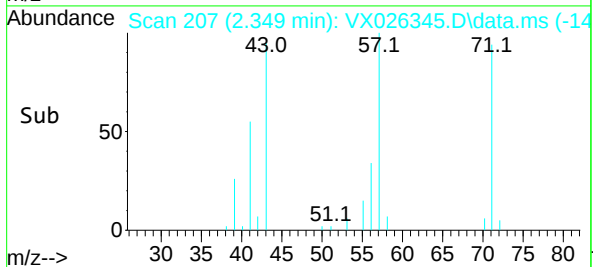
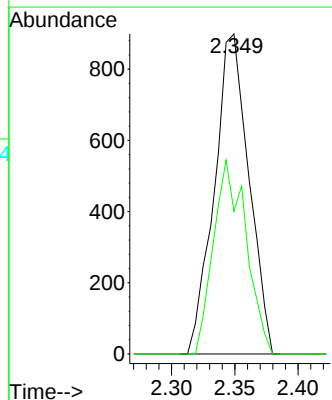
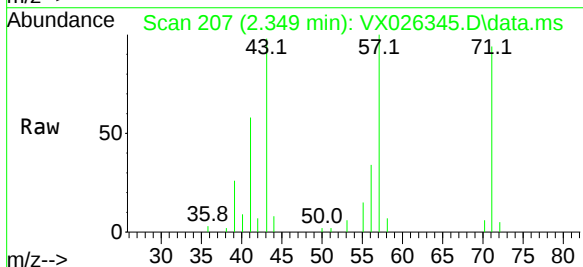
Acq: 06 Jan 2022 00:52

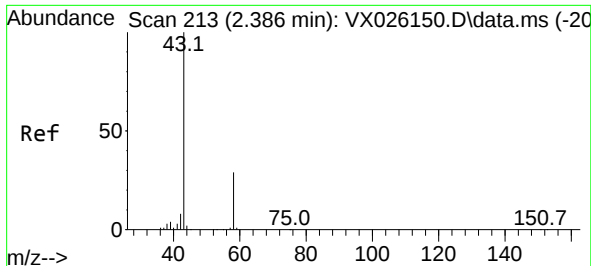
Tgt Ion: 56 Resp: 1706

Ion Ratio Lower Upper

56 100

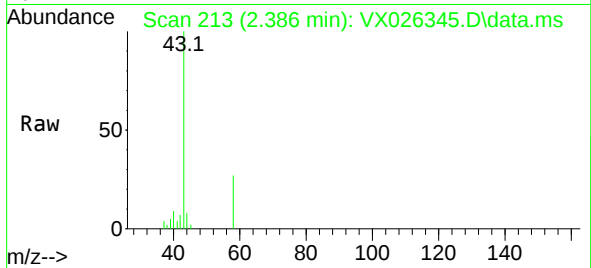
55 57.0 57.4 86.2#



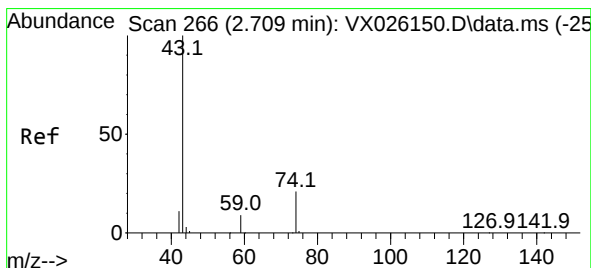
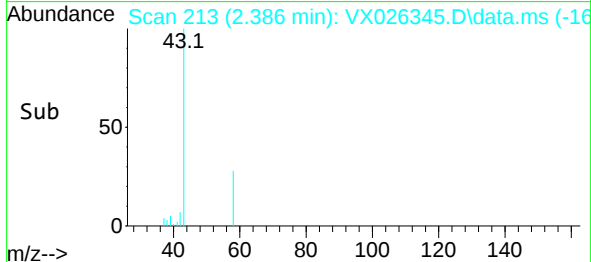
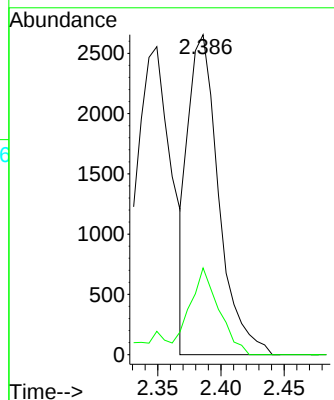


#16
Acetone
Concen: 3.603 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX026345.D
Acq: 06 Jan 2022 00:52

Instrument :
MSVOA_X
ClientSampleId :

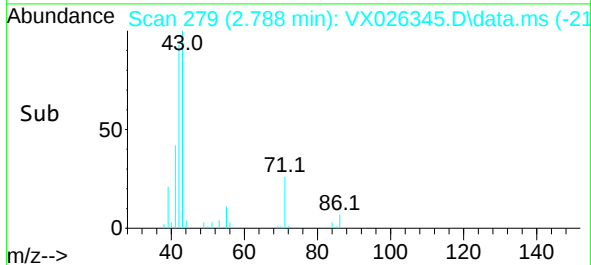
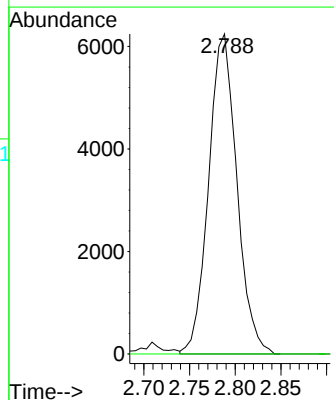
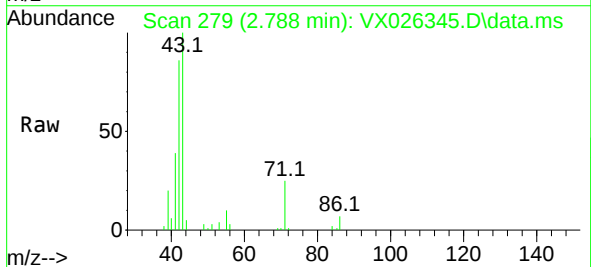


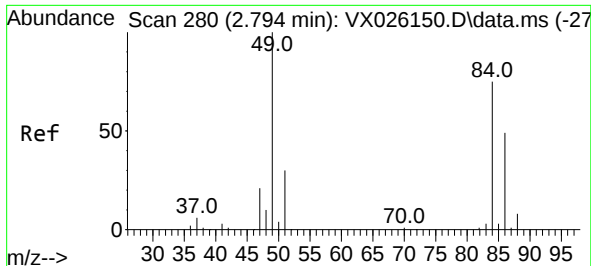
Tgt Ion: 43 Resp: 4476
Ion Ratio Lower Upper
43 100
58 27.1 24.8 37.2



#18
Methyl Acetate
Concen: 3.326 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.079 min
Lab File: VX026345.D
Acq: 06 Jan 2022 00:52

Tgt Ion: 43 Resp: 13404
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 219

Delta R.T. 0.000 min

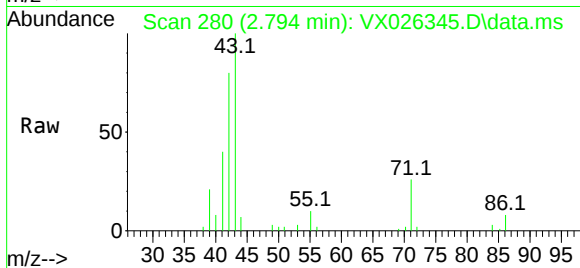
Lab File: VX026345.D

Acq: 06 Jan 2022 00:52

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 219

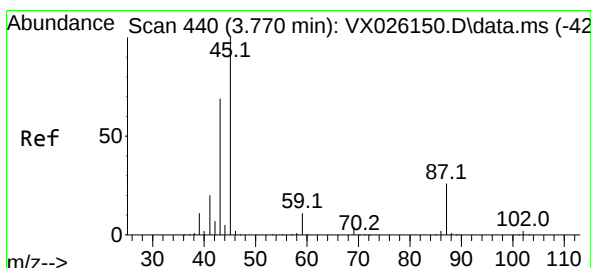
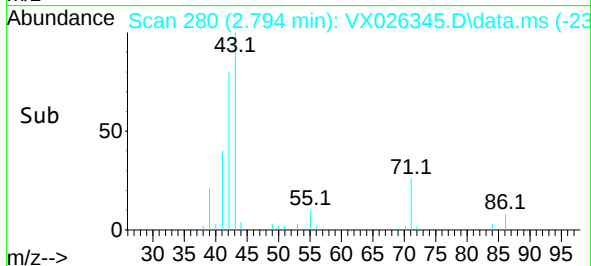
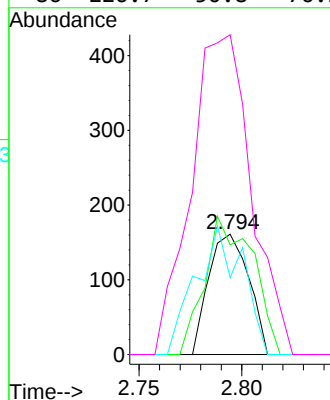
Ion Ratio Lower Upper

84 100

49 91.3 97.1 145.7#

51 64.0 29.3 43.9#

86 226.7 50.8 76.2#



#22

Diisopropyl ether

Concen: 0.648 ug/l

RT: 3.697 min Scan# 428

Delta R.T. -0.073 min

Lab File: VX026345.D

Acq: 06 Jan 2022 00:52

Tgt Ion: 45 Resp: 4287

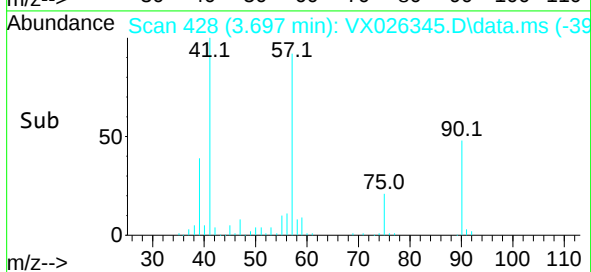
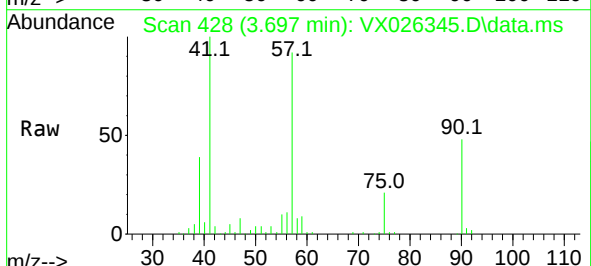
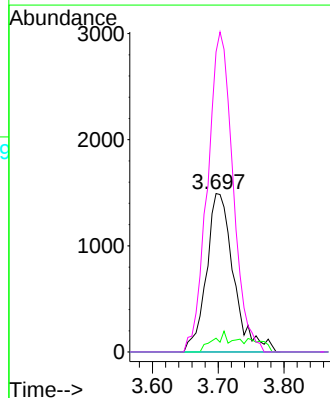
Ion Ratio Lower Upper

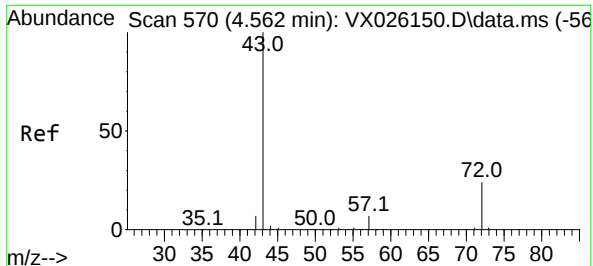
45 100

43 8.7 63.8 95.6#

87 0.0 24.2 36.4#

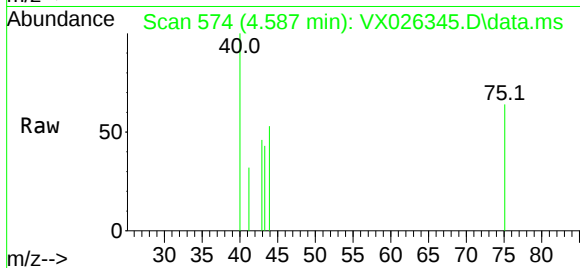
59 189.3 9.4 14.2#



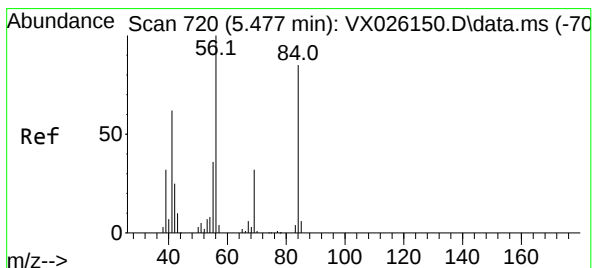
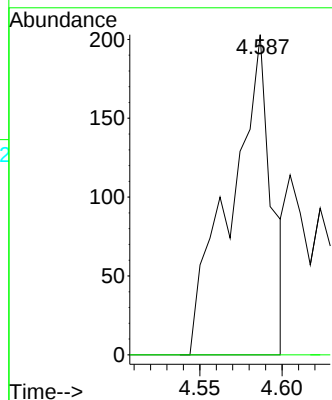
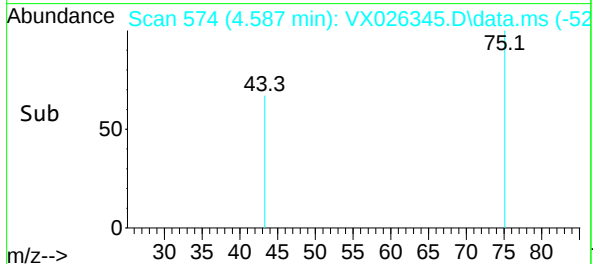


#25
2-Butanone
Concen: 0.203 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.025 min
Lab File: VX026345.D
Acq: 06 Jan 2022 00:52

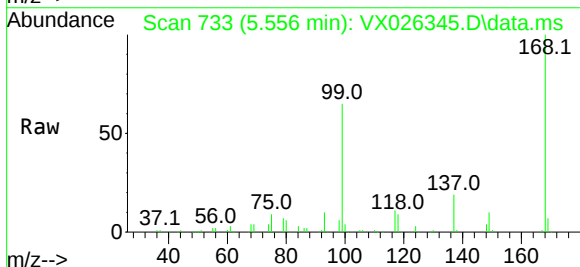
Instrument :
MSVOA_X
ClientSampleId :



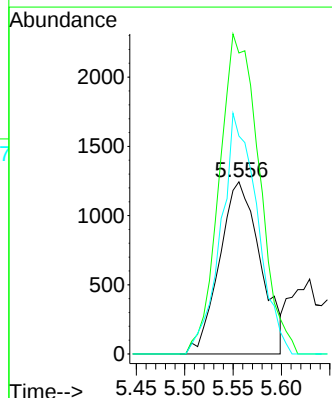
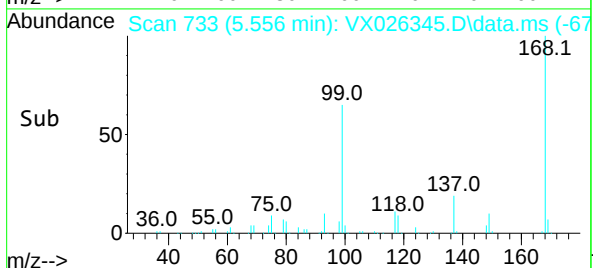
Tgt Ion: 43 Resp: 351
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#

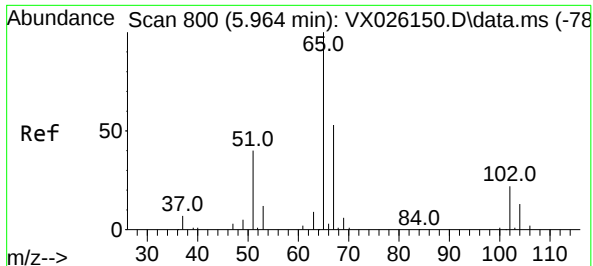


#31
Cyclohexane
Concen: 1.119 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX026345.D
Acq: 06 Jan 2022 00:52



Tgt Ion: 56 Resp: 3653
Ion Ratio Lower Upper
56 100
69 174.8 23.9 35.9#
84 126.6 73.2 109.8#





#33

1,2-Dichloroethane-d4

Concen: 50.368 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026345.D

Acq: 06 Jan 2022 00:52

Instrument :

MSVOA_X

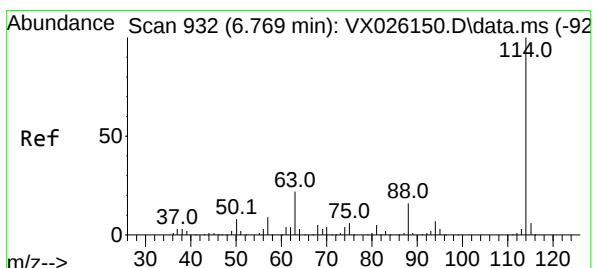
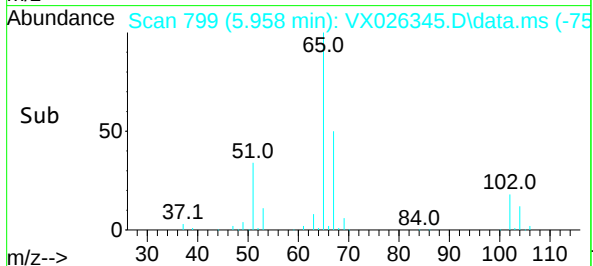
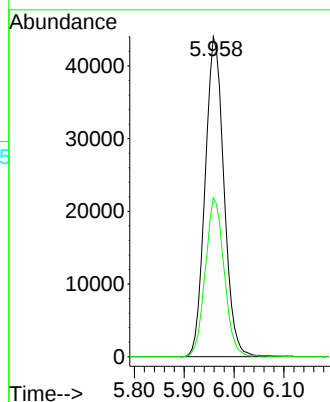
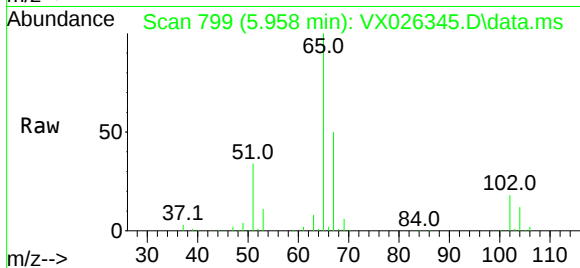
ClientSampleId :

Tgt Ion: 65 Resp: 115489

Ion Ratio Lower Upper

65 100

67 49.5 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: VX026345.D

Acq: 06 Jan 2022 00:52

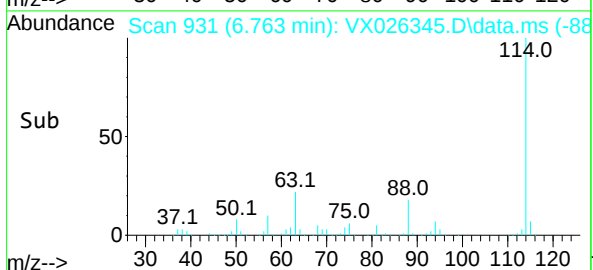
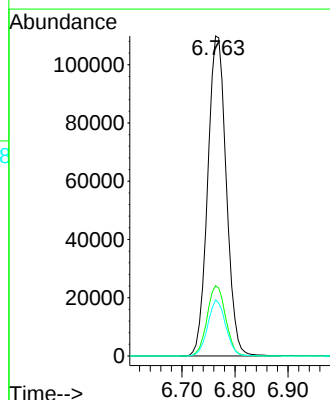
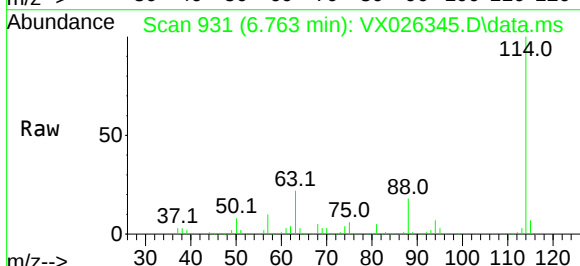
Tgt Ion: 114 Resp: 266721

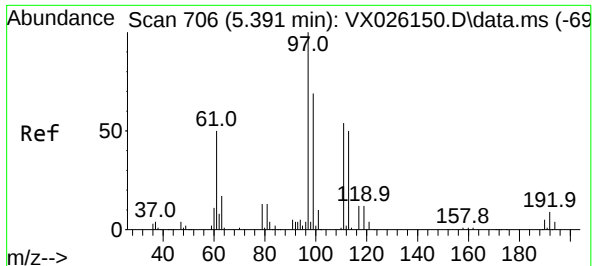
Ion Ratio Lower Upper

114 100

63 22.0 0.0 40.0

88 17.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.329 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

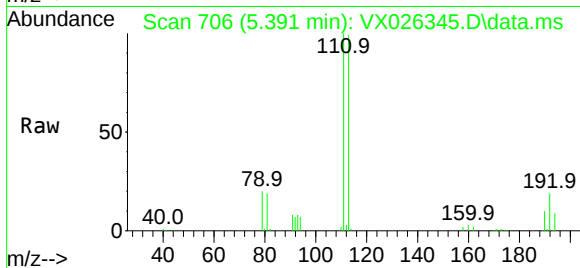
Lab File: VX026345.D

Acq: 06 Jan 2022 00:52

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MSVOA_X

ClientSampleId :



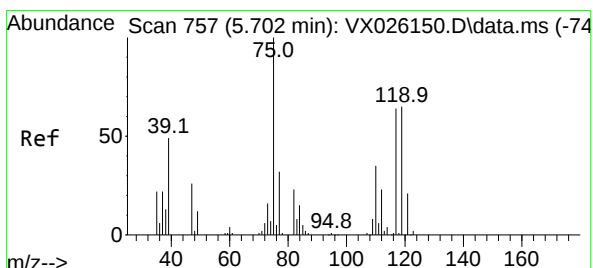
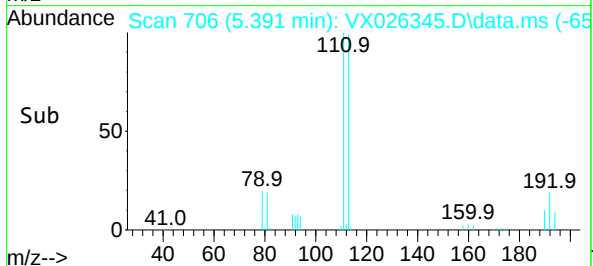
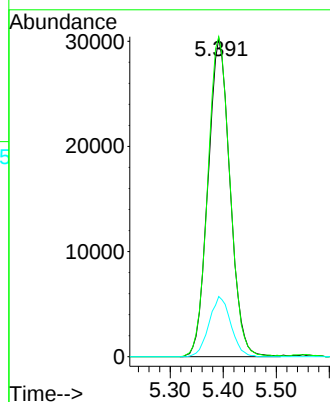
Tgt Ion:113 Resp: 87273

Ion Ratio Lower Upper

113 100

111 101.2 81.8 122.8

192 18.7 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.797 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX026345.D

Acq: 06 Jan 2022 00:52

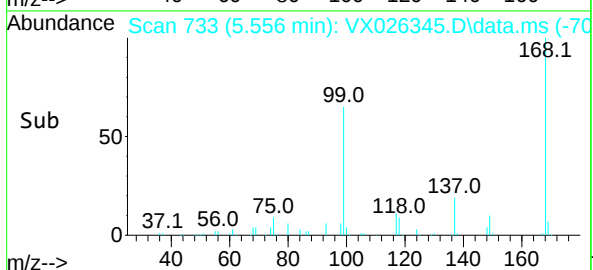
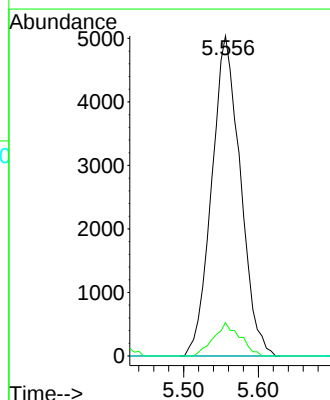
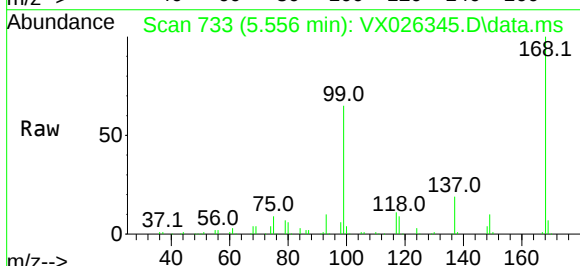
Tgt Ion: 75 Resp: 13417

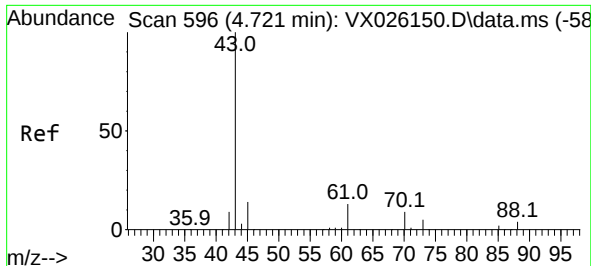
Ion Ratio Lower Upper

75 100

110 9.6 18.2 54.6#

77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 3.526 ug/l

RT: 4.721 min Scan# 596

Delta R.T. -0.000 min

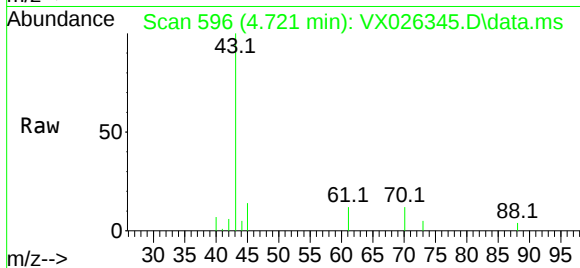
Lab File: VX026345.D

Acq: 06 Jan 2022 00:52

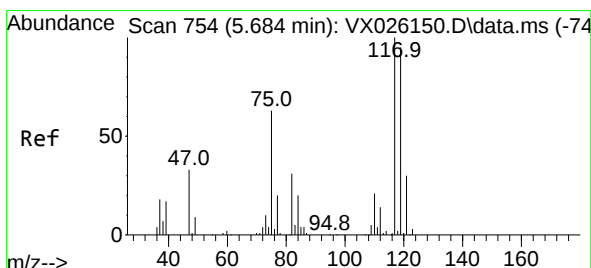
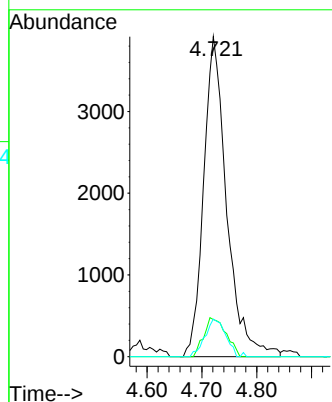
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43	Resp: 11434
Ion Ratio	Lower Upper
43	100
61	11.7 10.7 16.1
70	10.5 8.5 12.7



#38

Carbon Tetrachloride

Concen: 5.501 ug/l

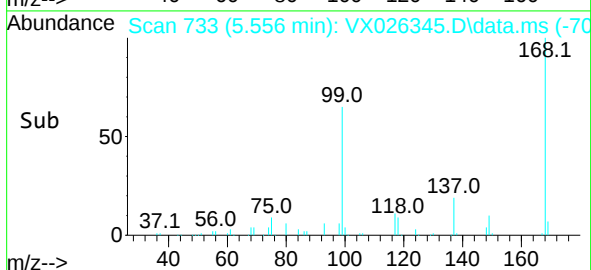
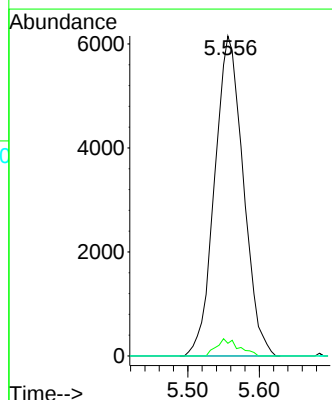
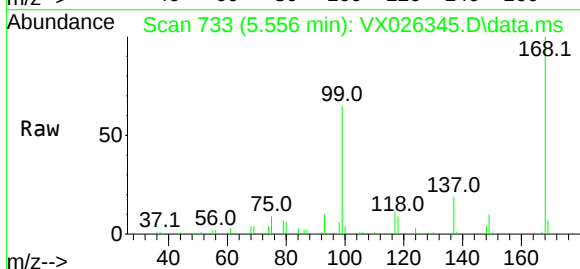
RT: 5.556 min Scan# 733

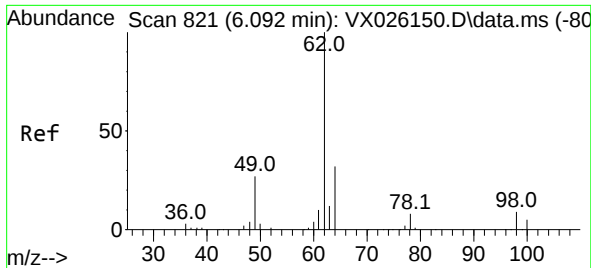
Delta R.T. -0.128 min

Lab File: VX026345.D

Acq: 06 Jan 2022 00:52

Tgt Ion: 117	Resp: 17115
Ion Ratio	Lower Upper
117	100
119	4.0 77.2 115.8#
121	0.0 23.8 35.8#





#42

1,2-Dichloroethane

Concen: 0.370 ug/l

RT: 6.086 min Scan# 81

Delta R.T. -0.006 min

Lab File: VX026345.D

Acq: 06 Jan 2022 00:52

Instrument :

MSVOA_X

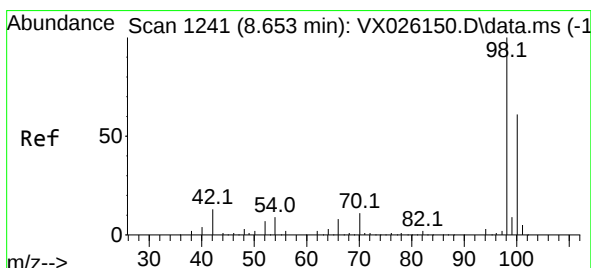
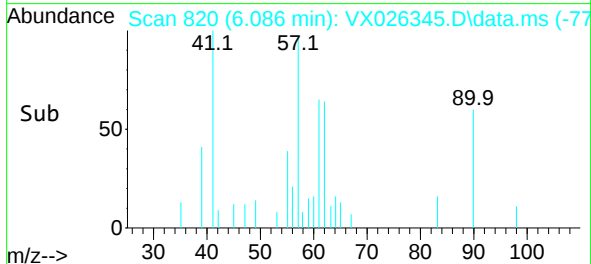
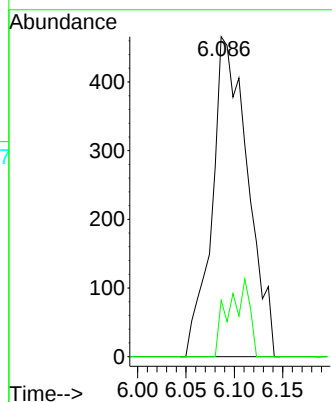
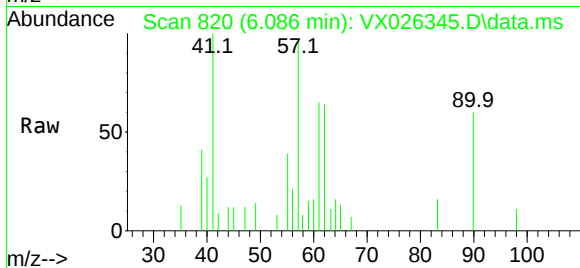
ClientSampleId :

Tgt Ion: 62 Resp: 1195

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.8



#50

Toluene-d8

Concen: 47.463 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX026345.D

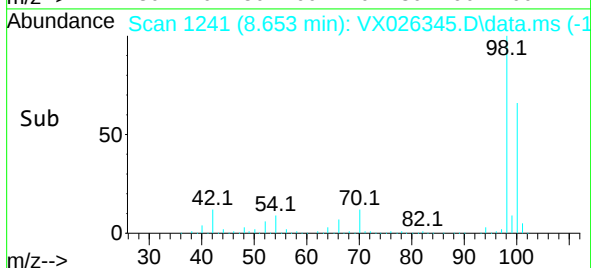
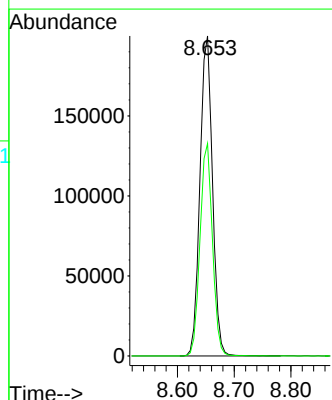
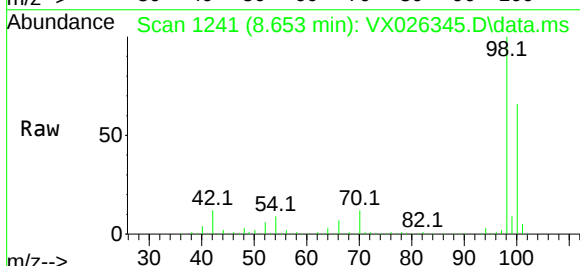
Acq: 06 Jan 2022 00:52

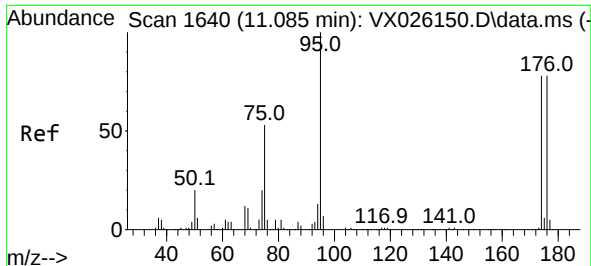
Tgt Ion: 98 Resp: 306132

Ion Ratio Lower Upper

98 100

100 65.9 52.6 78.8

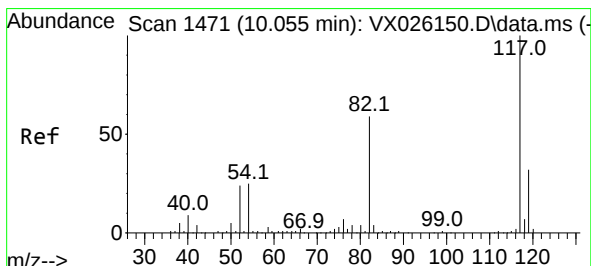
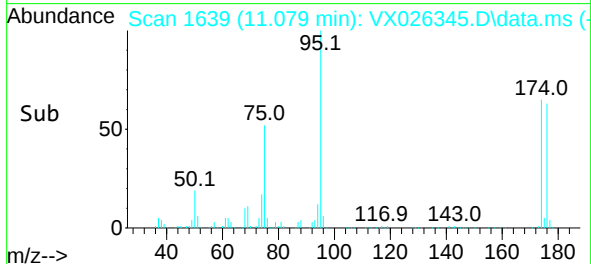
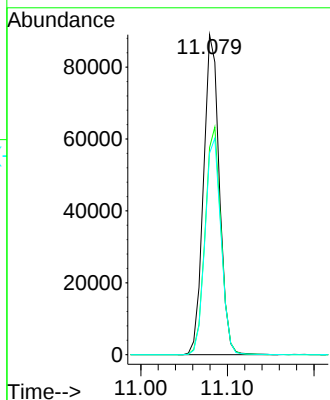
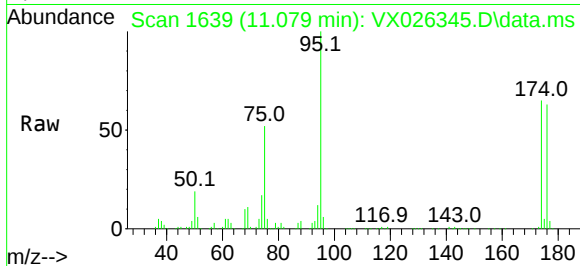




#62
4-Bromofluorobenzene
Concen: 49.174 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX026345.D
Acq: 06 Jan 2022 00:52

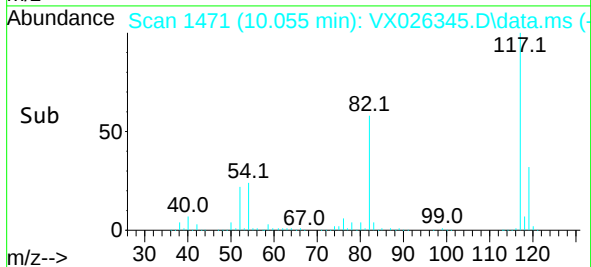
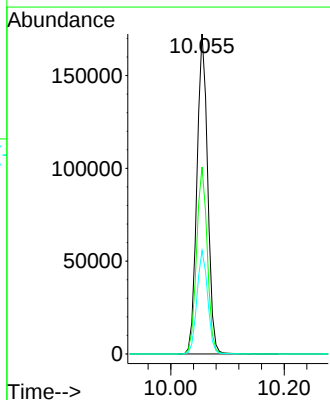
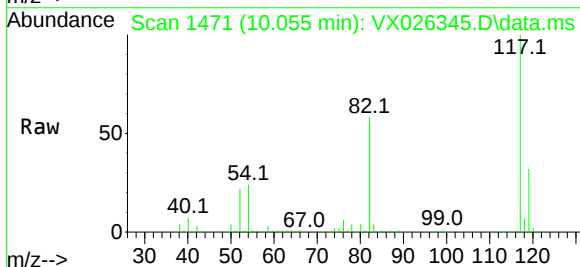
Instrument :
MSVOA_X
ClientSampleId :

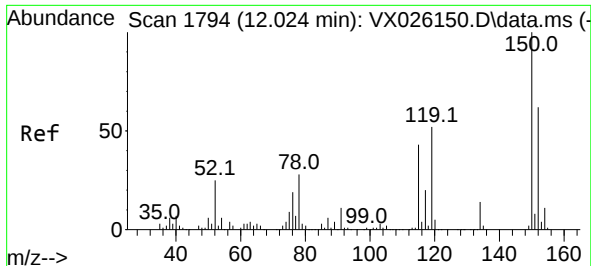
Tgt Ion: 95 Resp: 112908
Ion Ratio Lower Upper
95 100
174 71.1 0.0 157.4
176 68.5 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026345.D
Acq: 06 Jan 2022 00:52

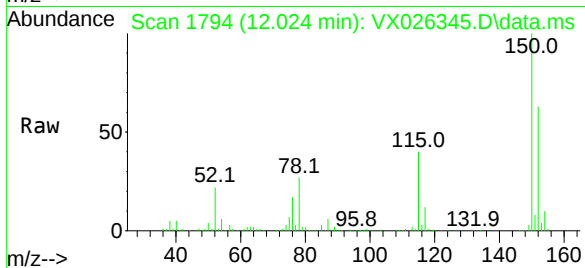
Tgt Ion: 117 Resp: 226246
Ion Ratio Lower Upper
117 100
82 58.4 43.8 65.6
119 32.4 25.2 37.8



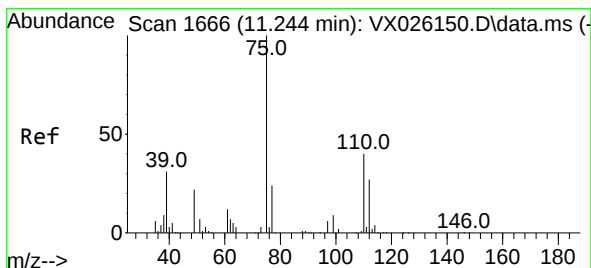
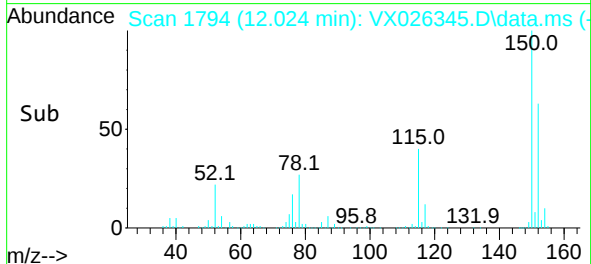
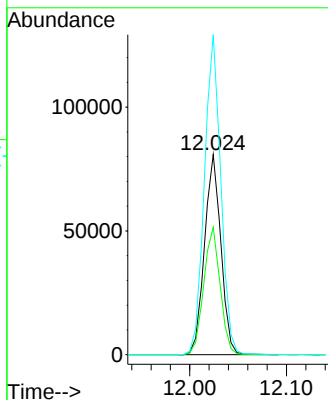


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026345.D
 Acq: 06 Jan 2022 00:52

Instrument :
 MSVOA_X
 ClientSampleId :

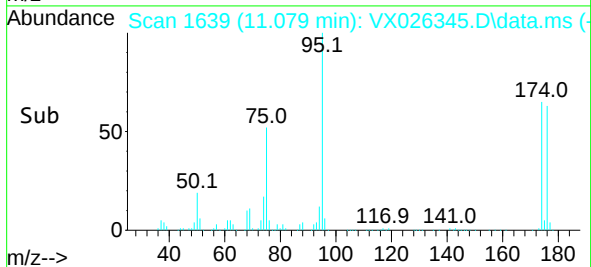
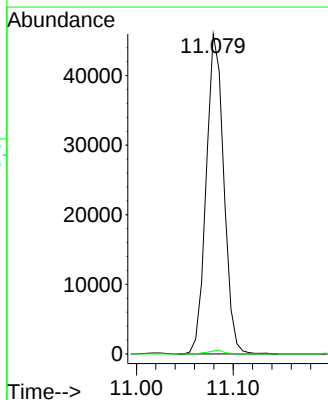
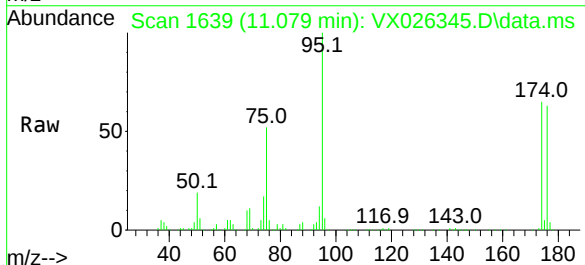


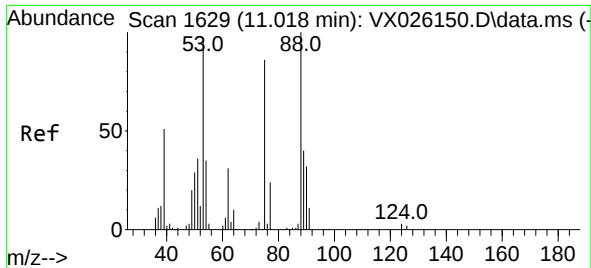
Tgt Ion:152 Resp: 95466
 Ion Ratio Lower Upper
 152 100
 115 63.7 41.3 123.9
 150 160.0 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 25.214 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026345.D
 Acq: 06 Jan 2022 00:52

Tgt Ion: 75 Resp: 58102
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.0 57.0#

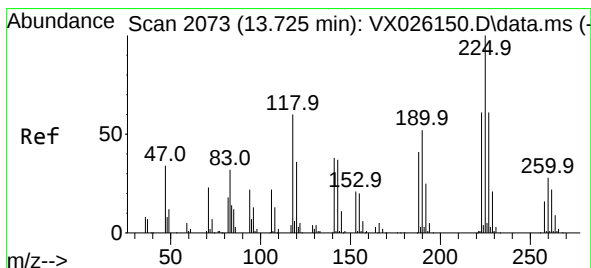
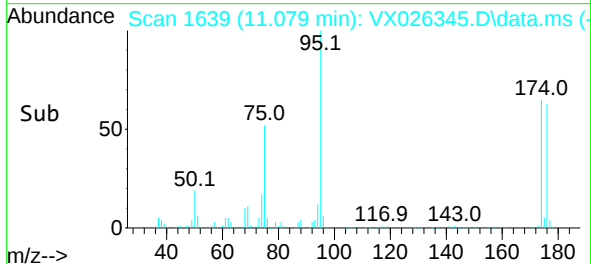
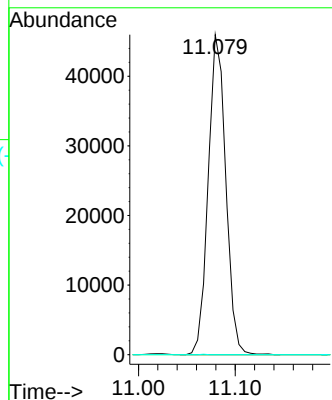
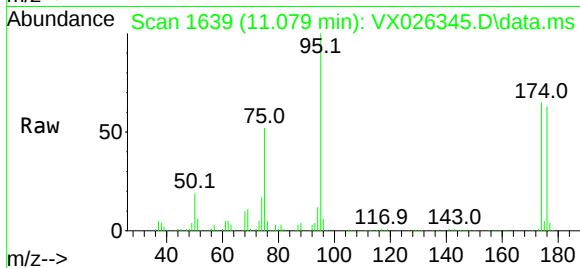




#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.946 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX026345.D
 Acq: 06 Jan 2022 00:52

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 58102
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.5 119.3#
 89 0.0 38.3 57.5#



#94
 Hexachlorobutadiene
 Concen: 0.344 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.000 min
 Lab File: VX026345.D
 Acq: 06 Jan 2022 00:52

Tgt Ion: 225 Resp: 289
 Ion Ratio Lower Upper
 225 100
 223 56.1 31.6 95.0
 227 46.7 32.5 97.5

