

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010622\
 Data File : VX026383.D
 Acq On : 06 Jan 2022 18:58
 Operator : JC/MD
 Sample : N1020-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 07 04:18:07 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)

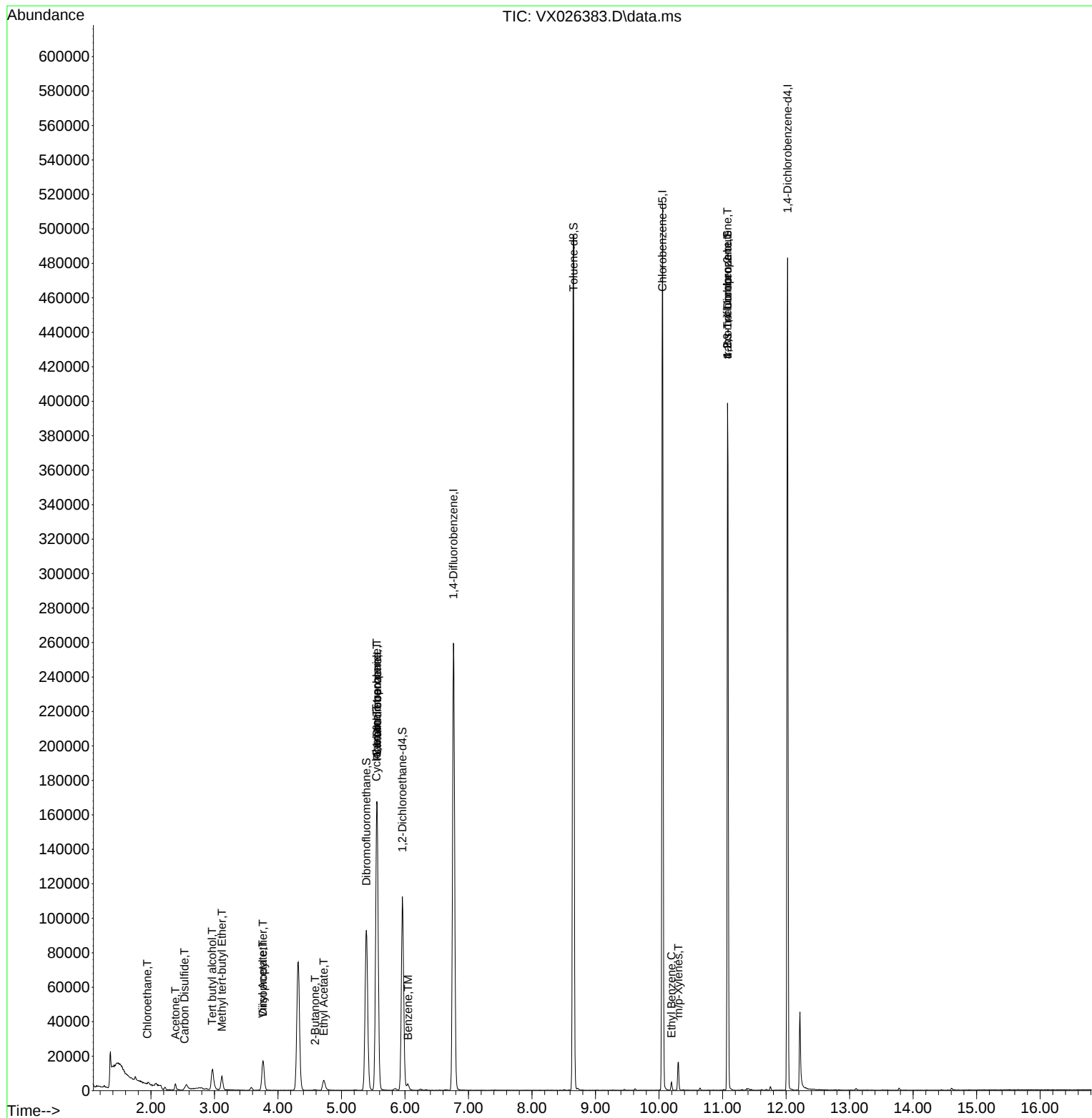
Internal Standards						
1) Pentafluorobenzene	5.562	168	152993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	257381	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219063	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	108992	49.243	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.480%
35) Dibromofluoromethane	5.391	113	82085	49.055	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.120%
50) Toluene-d8	8.653	98	295630	47.498	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.000%
62) 4-Bromofluorobenzene	11.079	95	107586	48.556	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.120%
Target Compounds						
					Qvalue	
6) Chloroethane	1.941	64	389	0.281	ug/l #	63
11) Tert butyl alcohol	2.965	59	16734	37.853	ug/l	100
16) Acetone	2.386	43	4140	3.452	ug/l	92
17) Carbon Disulfide	2.526	76	1265	0.260	ug/l #	75
19) Methyl tert-butyl Ether	3.117	73	8248	1.394	ug/l	94
20) Methylene Chloride	2.794	84	220	Below Cal	#	88
22) Diisopropyl ether	3.764	45	19270	3.016	ug/l #	70
23) Vinyl Acetate	3.757	43	9416	1.856	ug/l #	70
25) 2-Butanone	4.587	43	514	0.308	ug/l #	49
31) Cyclohexane	5.550	56	3398	1.078	ug/l #	12
36) 1,1-Dichloropropene	5.556	75	12618	4.675	ug/l #	50
37) Ethyl Acetate	4.721	43	11321	3.618	ug/l	99
38) Carbon Tetrachloride	5.556	117	16494	5.494	ug/l #	15
40) Benzene	6.050	78	3947	0.512	ug/l	91
67) Ethyl Benzene	10.195	91	2711	0.315	ug/l	94
68) m/p-Xylenes	10.305	106	3683	1.146	ug/l	84
76) 1,2,3-Trichloropropane	11.079	75	55837	24.745	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	55837	71.588	ug/l #	10

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

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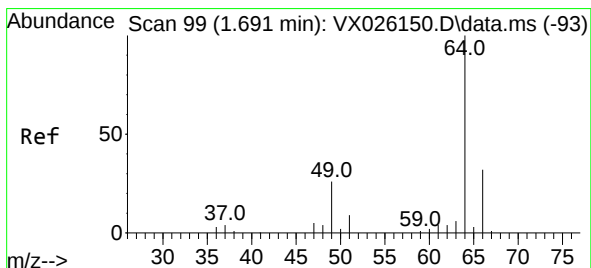
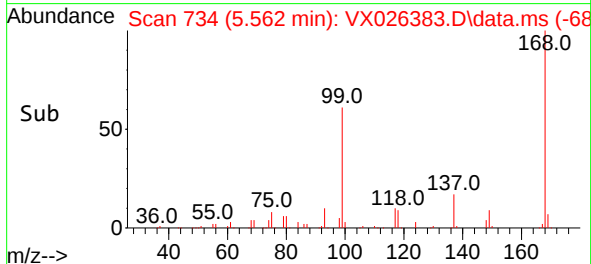
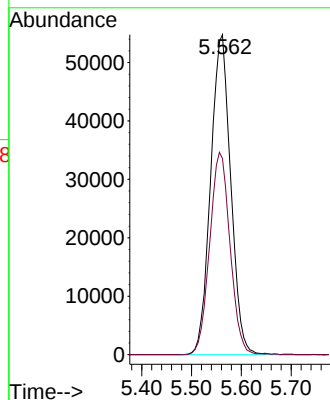
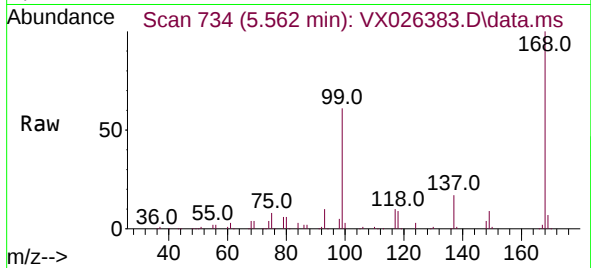




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026383.D
Acq: 06 Jan 2022 18:58

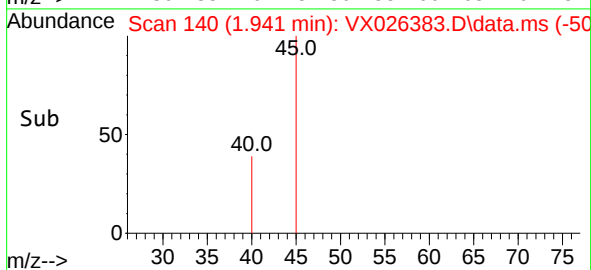
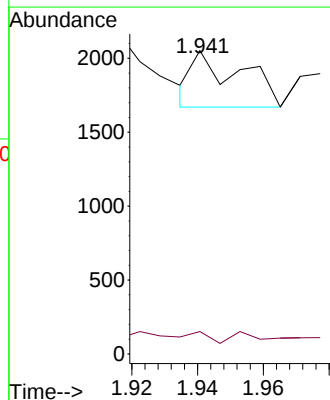
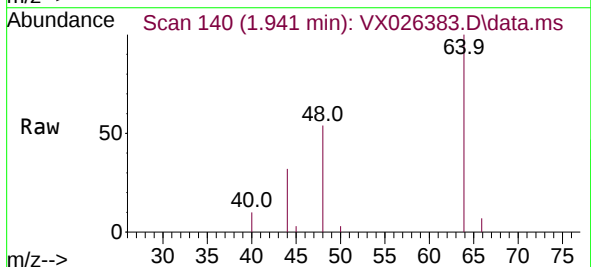
Instrument :
MSVOA_X
ClientSampleId :

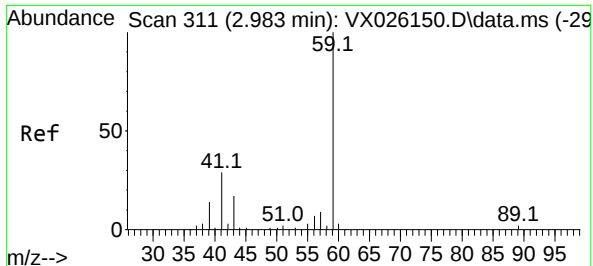
Tgt Ion:168 Resp: 152993
Ion Ratio Lower Upper
168 100
99 61.4 45.8 68.8



#6
Chloroethane
Concen: 0.281 ug/l
RT: 1.941 min Scan# 140
Delta R.T. 0.250 min
Lab File: VX026383.D
Acq: 06 Jan 2022 18:58

Tgt Ion: 64 Resp: 389
Ion Ratio Lower Upper
64 100
66 11.8 25.9 38.9





#11

Tert butyl alcohol

Concen: 37.853 ug/l

RT: 2.965 min Scan# 30

Delta R.T. -0.018 min

Lab File: VX026383.D

Acq: 06 Jan 2022 18:58

Instrument :

MSVOA_X

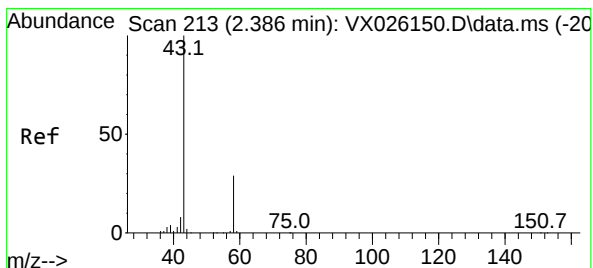
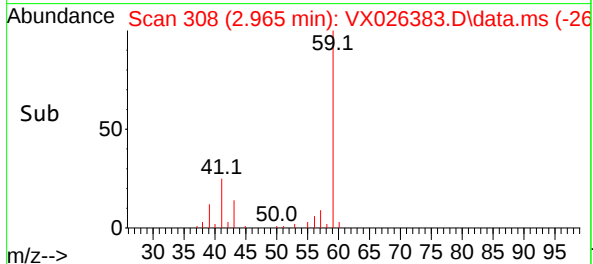
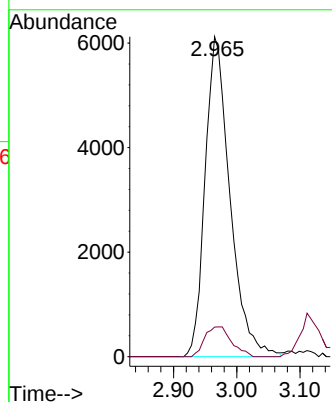
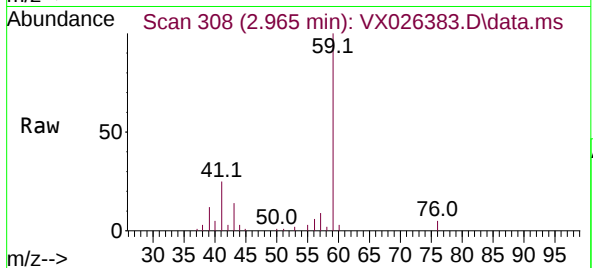
ClientSampleId :

Tgt Ion: 59 Resp: 16734

Ion Ratio Lower Upper

59 100

57 10.0 8.2 12.2



#16

Acetone

Concen: 3.452 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX026383.D

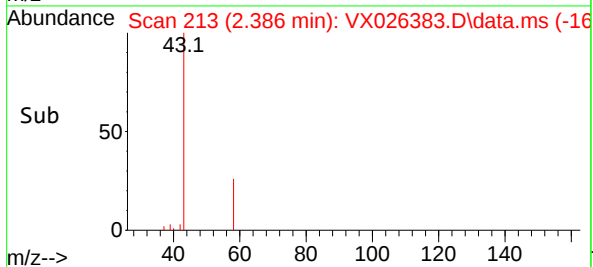
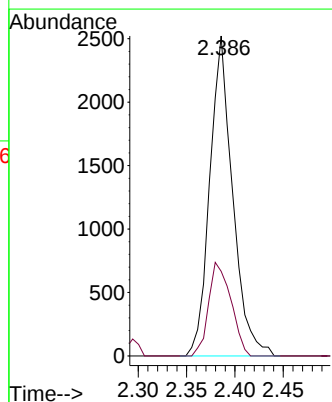
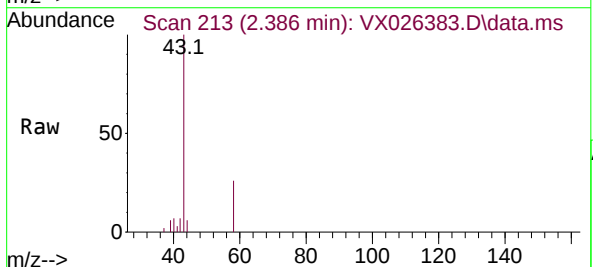
Acq: 06 Jan 2022 18:58

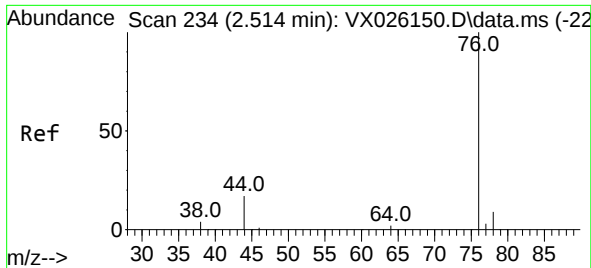
Tgt Ion: 43 Resp: 4140

Ion Ratio Lower Upper

43 100

58 26.4 24.8 37.2





#17

Carbon Disulfide

Concen: 0.260 ug/l

RT: 2.526 min Scan# 21

Delta R.T. 0.012 min

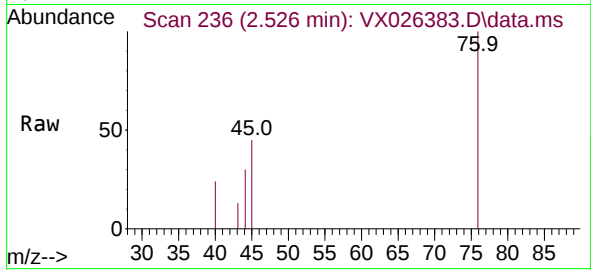
Lab File: VX026383.D

Acq: 06 Jan 2022 18:58

Instrument :

MSVOA_X

ClientSampleId :

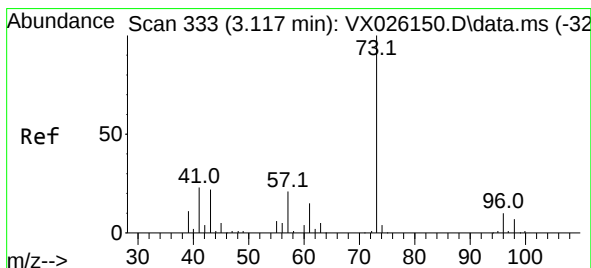
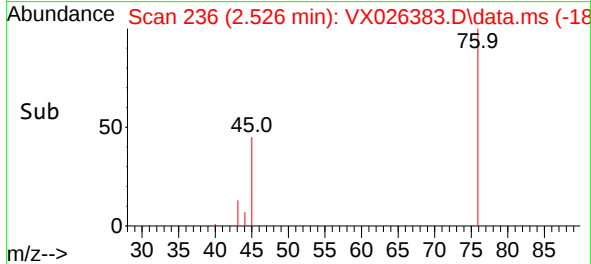
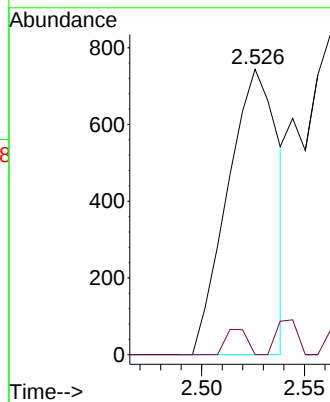


Tgt Ion: 76 Resp: 1265

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#19

Methyl tert-butyl Ether

Concen: 1.394 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX026383.D

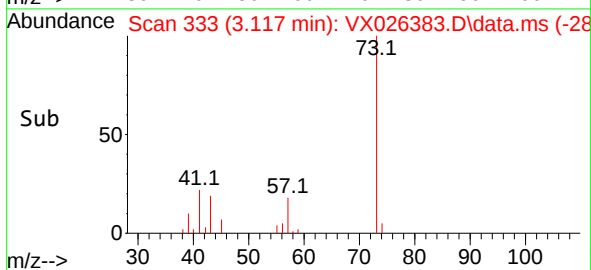
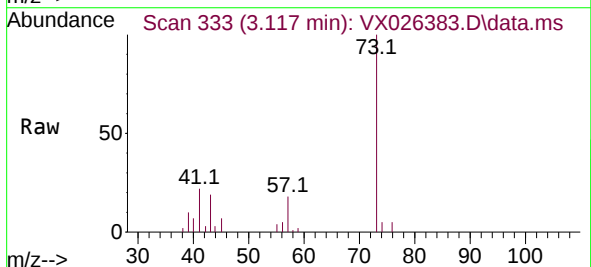
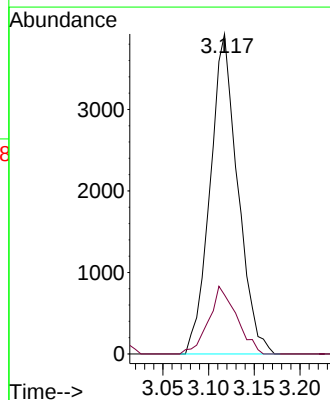
Acq: 06 Jan 2022 18:58

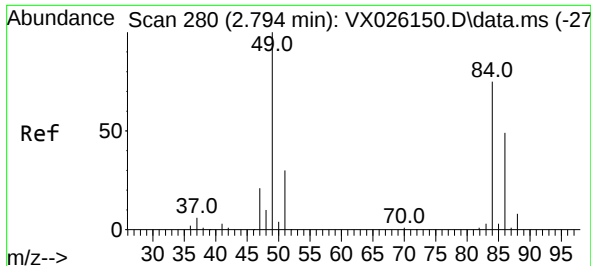
Tgt Ion: 73 Resp: 8248

Ion Ratio Lower Upper

73 100

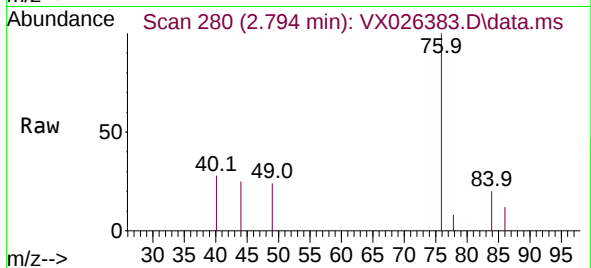
57 18.4 17.0 25.6



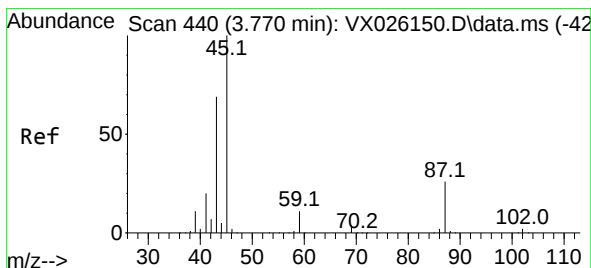
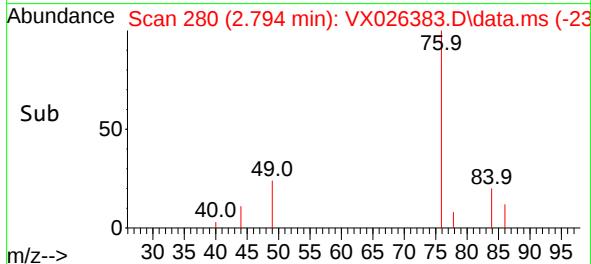
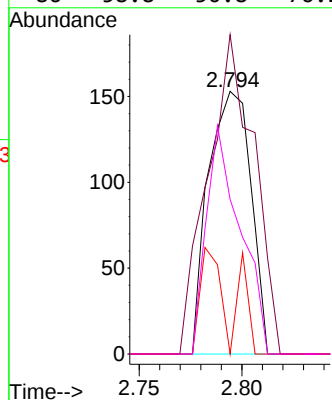


#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026383.D
Acq: 06 Jan 2022 18:58

Instrument :
MSVOA_X
ClientSampleId :

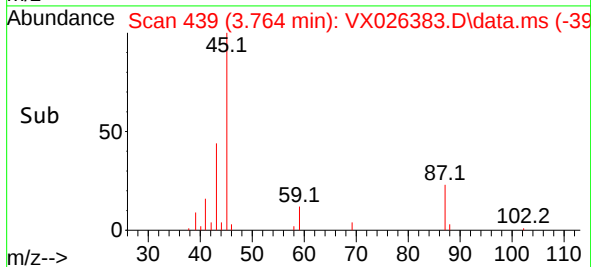
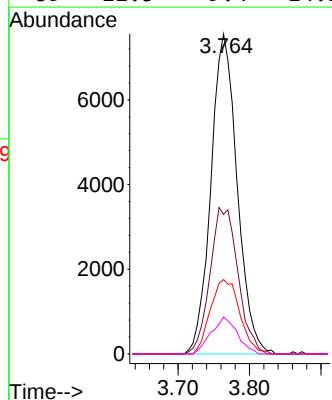
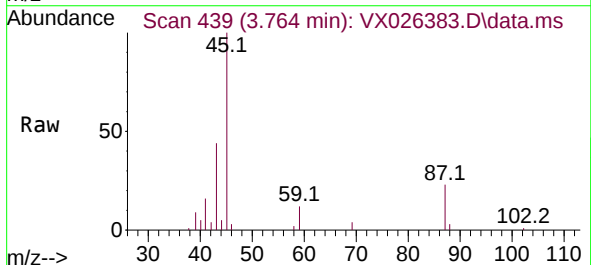


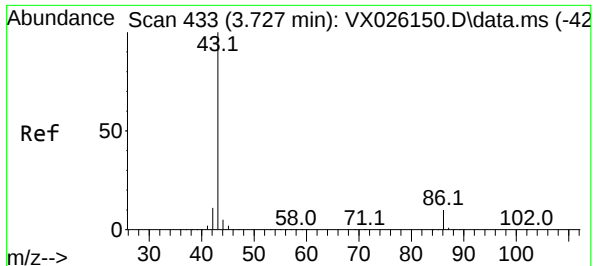
Tgt Ion: 84	Resp: 220
Ion Ratio	Lower Upper
84 100	
49 121.6	97.1 145.7
51 0.0	29.3 43.9#
86 58.8	50.8 76.2



#22
Diisopropyl ether
Concen: 3.016 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX026383.D
Acq: 06 Jan 2022 18:58

Tgt Ion: 45	Resp: 19270
Ion Ratio	Lower Upper
45 100	
43 43.6	63.8 95.6#
87 23.2	24.2 36.4#
59 11.5	9.4 14.2

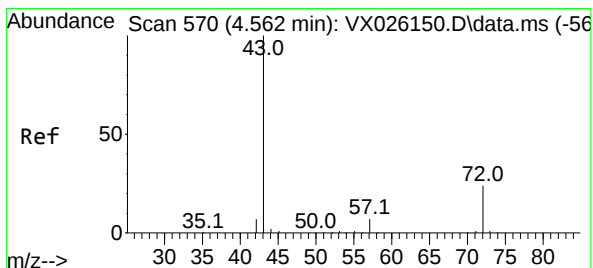
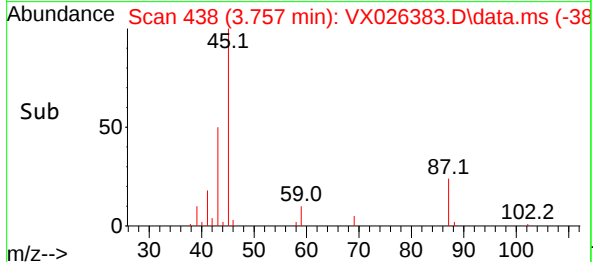
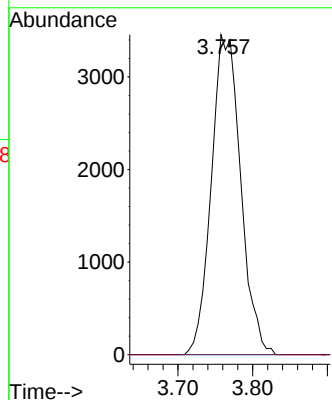
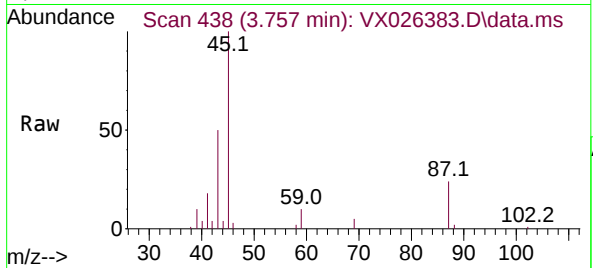




#23
 Vinyl Acetate
 Concen: 1.856 ug/l
 RT: 3.757 min Scan# 41
 Delta R.T. 0.030 min
 Lab File: VX026383.D
 Acq: 06 Jan 2022 18:58

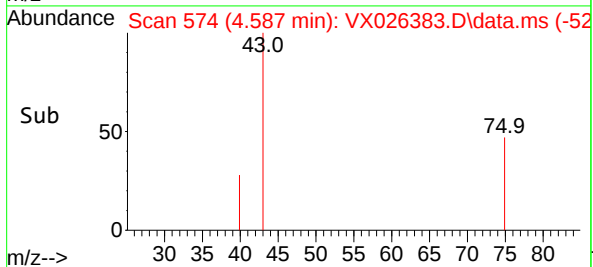
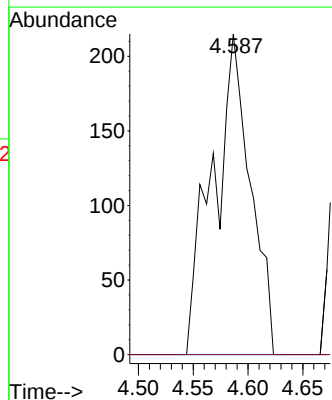
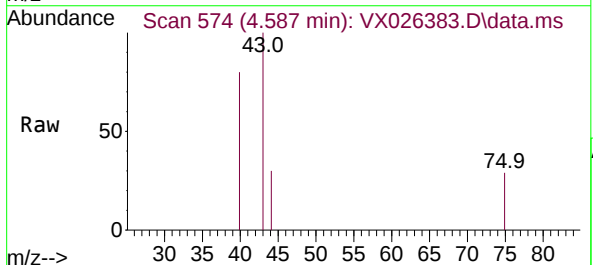
Instrument :
 MSVOA_X
 ClientSampleId :

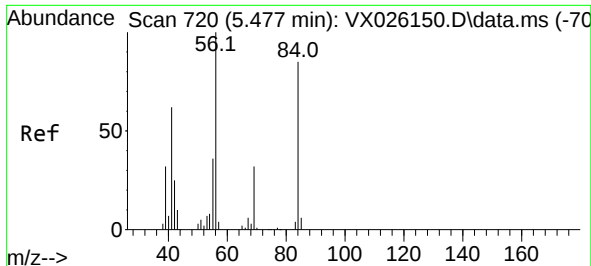
Tgt Ion: 43 Resp: 9416
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.0 13.6#



#25
 2-Butanone
 Concen: 0.308 ug/l
 RT: 4.587 min Scan# 574
 Delta R.T. 0.025 min
 Lab File: VX026383.D
 Acq: 06 Jan 2022 18:58

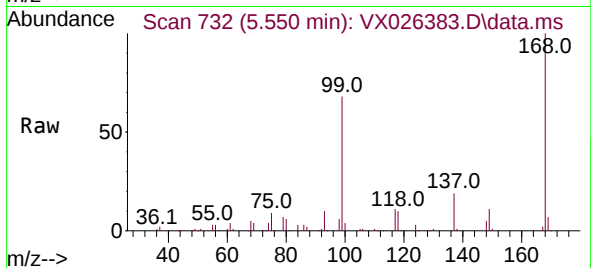
Tgt Ion: 43 Resp: 514
 Ion Ratio Lower Upper
 43 100
 72 0.0 21.0 31.4#



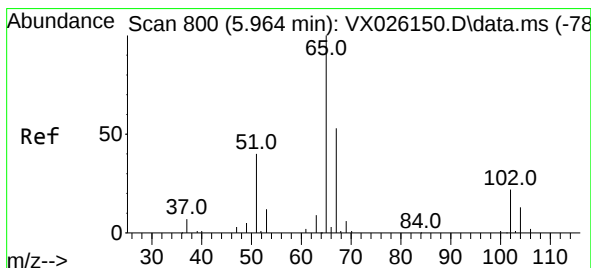
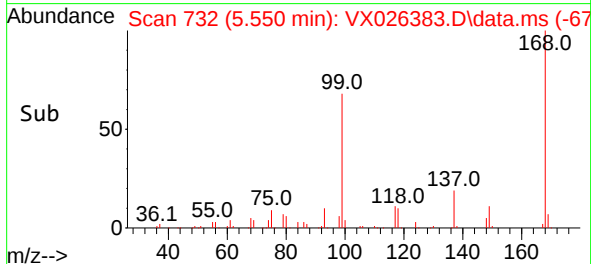
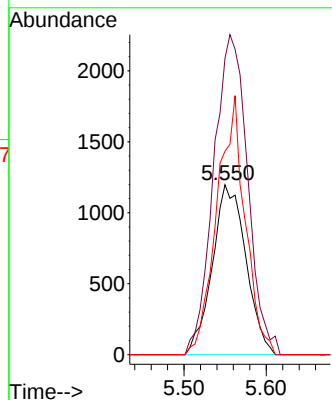


#31
Cyclohexane
Concen: 1.078 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX026383.D
Acq: 06 Jan 2022 18:58

Instrument :
MSVOA_X
ClientSampleId :

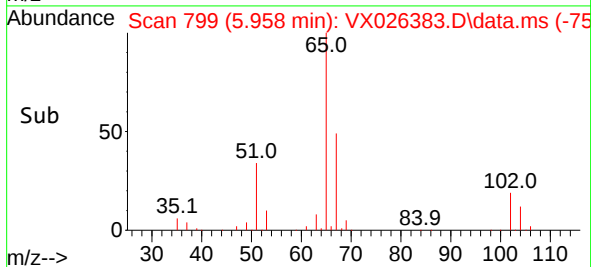
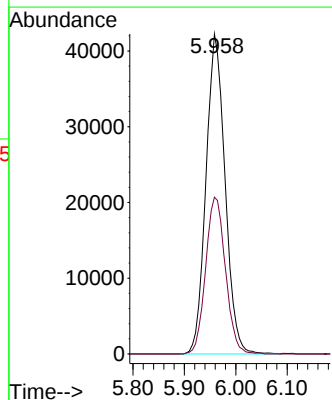
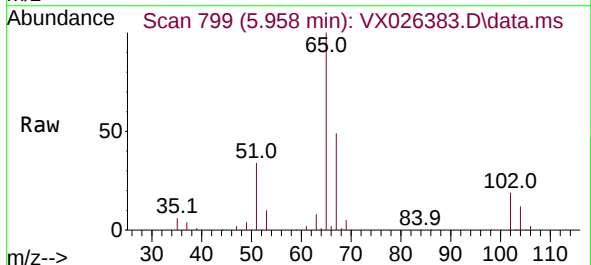


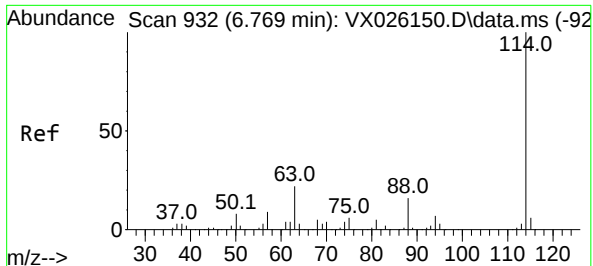
Tgt Ion: 56 Resp: 3398
Ion Ratio Lower Upper
56 100
69 174.5 23.9 35.9#
84 119.8 73.2 109.8#



#33
1,2-Dichloroethane-d4
Concen: 49.243 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026383.D
Acq: 06 Jan 2022 18:58

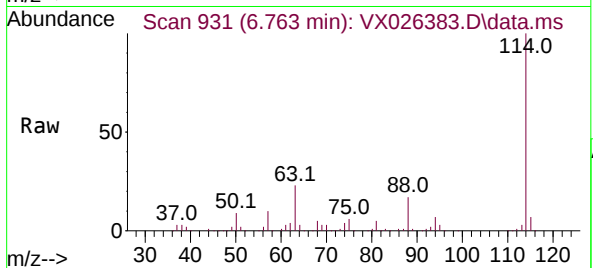
Tgt Ion: 65 Resp: 108992
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.4



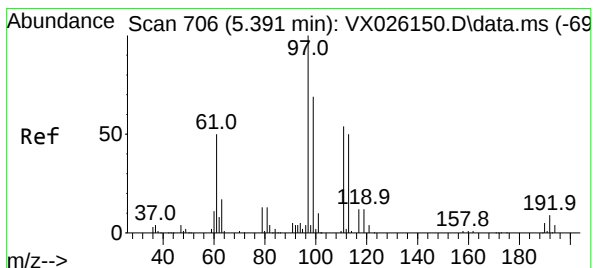
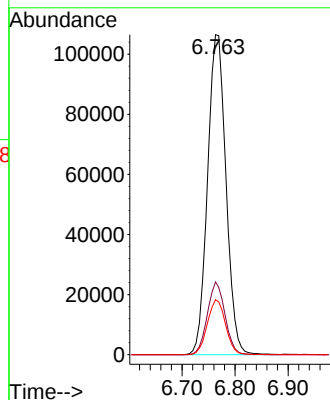
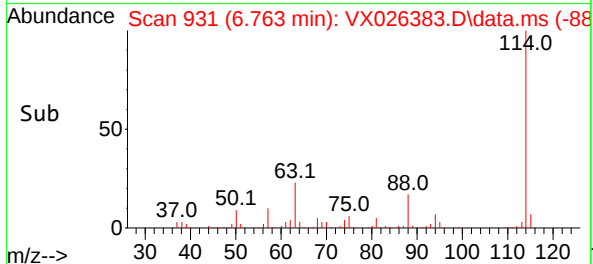


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX026383.D
Acq: 06 Jan 2022 18:58

Instrument :
MSVOA_X
ClientSampleId :

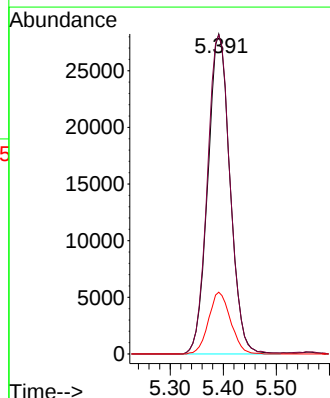
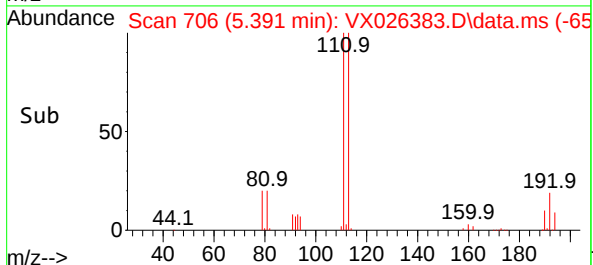
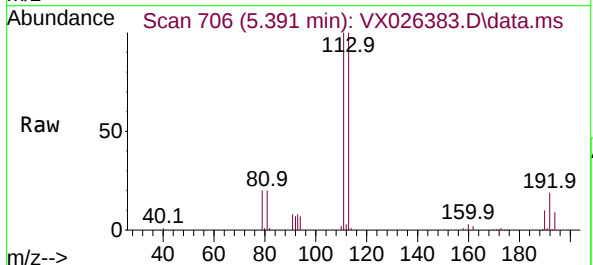


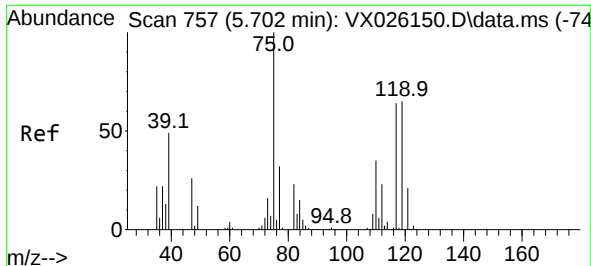
Tgt Ion:114 Resp: 257381
Ion Ratio Lower Upper
114 100
63 22.7 0.0 40.0
88 17.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.055 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026383.D
Acq: 06 Jan 2022 18:58

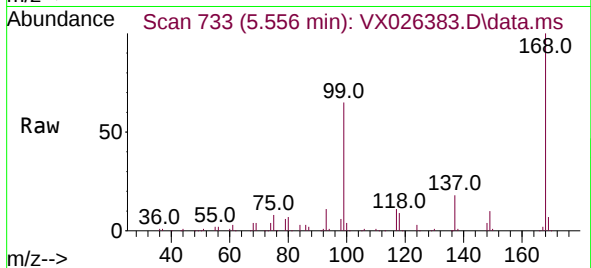
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Ion Ratio Lower Upper
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111 101.8 81.8 122.8
192 19.1 15.0 22.4



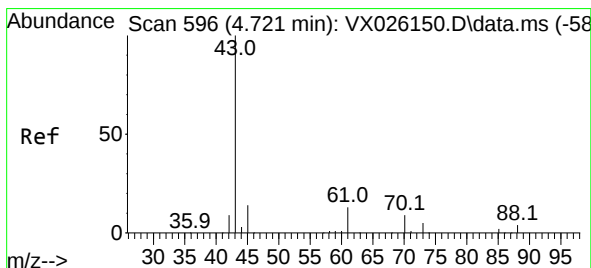
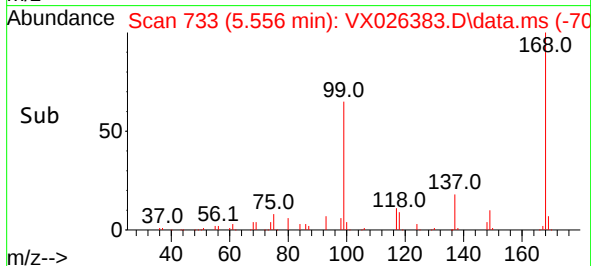
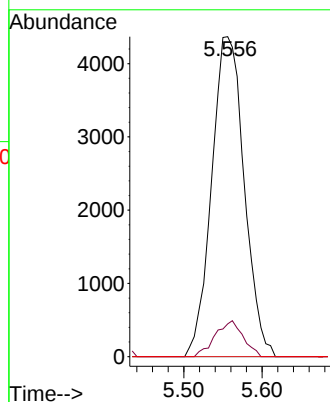


#36
1,1-Dichloropropene
Concen: 4.675 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX026383.D
Acq: 06 Jan 2022 18:58

Instrument :
MSVOA_X
ClientSampleId :

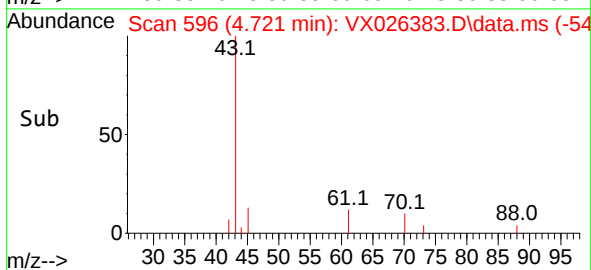
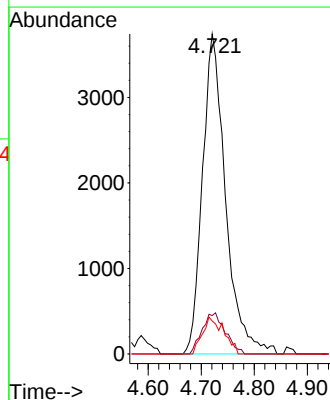
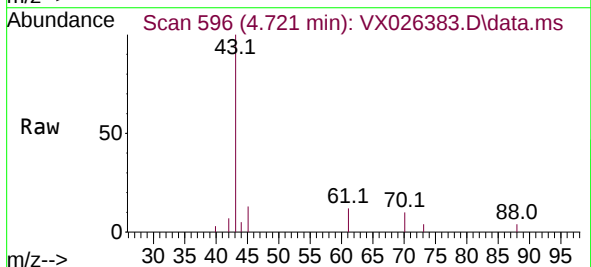


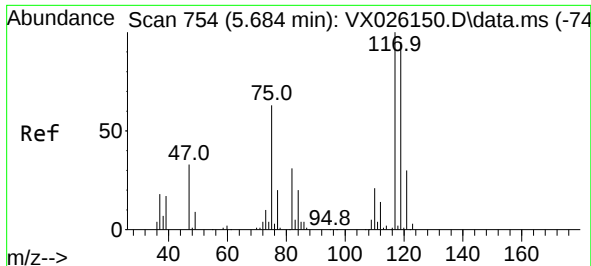
Tgt Ion: 75 Resp: 12618
Ion Ratio Lower Upper
75 100
110 9.6 18.2 54.6#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 3.618 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.000 min
Lab File: VX026383.D
Acq: 06 Jan 2022 18:58

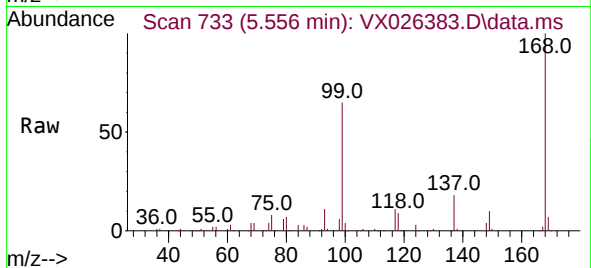
Tgt Ion: 43 Resp: 11321
Ion Ratio Lower Upper
43 100
61 12.8 10.7 16.1
70 10.6 8.5 12.7



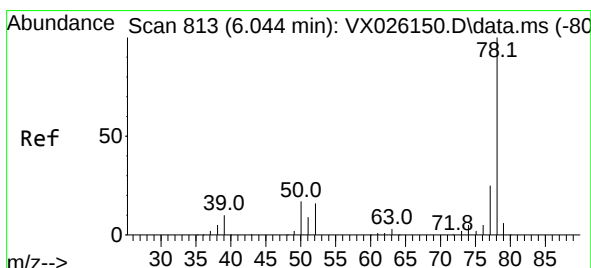
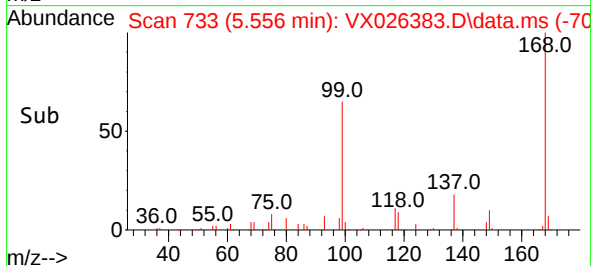
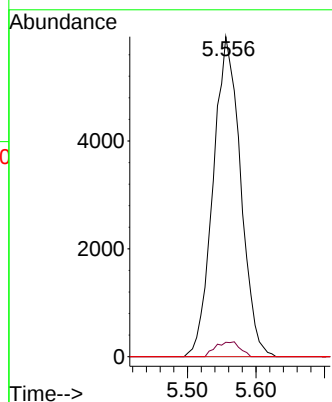


#38
Carbon Tetrachloride
Concen: 5.494 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX026383.D
Acq: 06 Jan 2022 18:58

Instrument :
MSVOA_X
ClientSampleId :

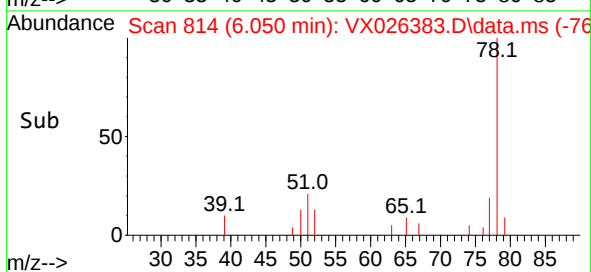
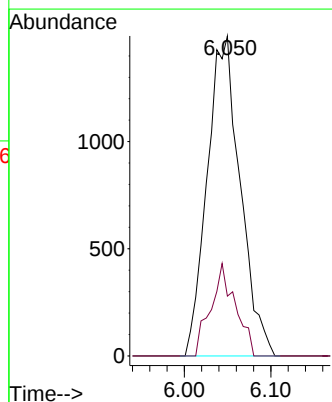
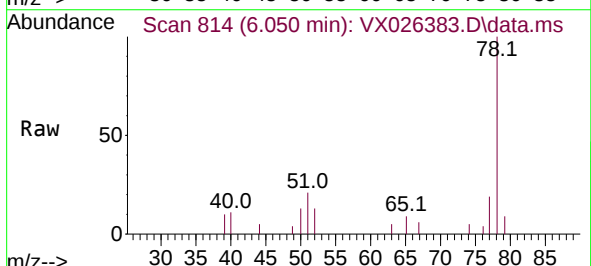


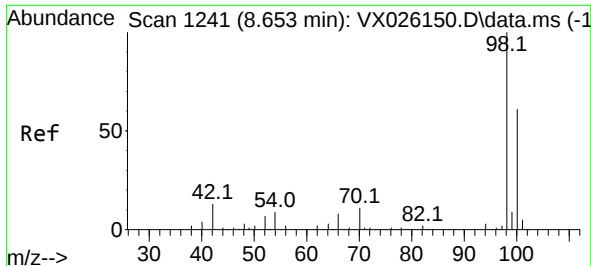
Tgt Ion:117 Resp: 16494
Ion Ratio Lower Upper
117 100
119 4.5 77.2 115.8#
121 0.0 23.8 35.8#



#40
Benzene
Concen: 0.512 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX026383.D
Acq: 06 Jan 2022 18:58

Tgt Ion: 78 Resp: 3947
Ion Ratio Lower Upper
78 100
77 18.7 18.6 27.8





#50

Toluene-d8

Concen: 47.498 ug/l

RT: 8.653 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX026383.D

Acq: 06 Jan 2022 18:58

Instrument :

MSVOA_X

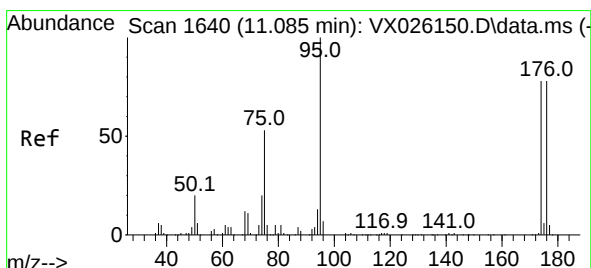
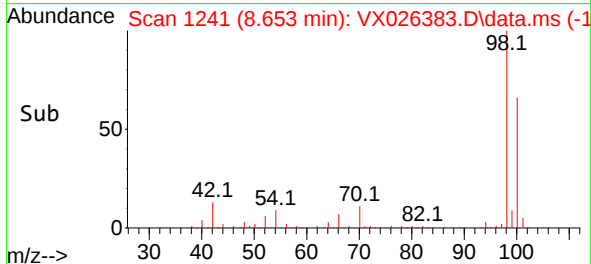
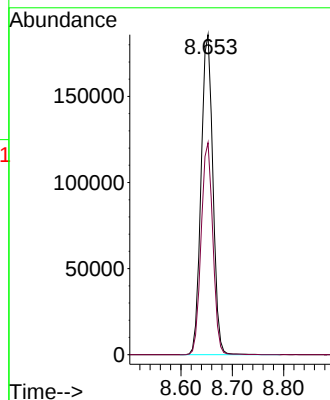
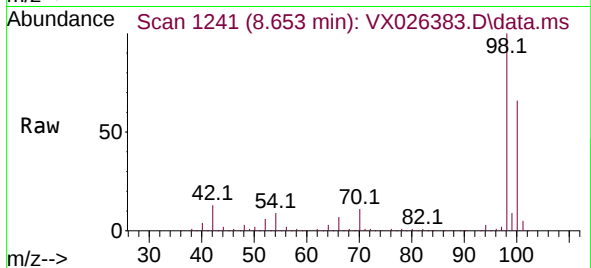
ClientSampleId :

Tgt Ion: 98 Resp: 295630

Ion Ratio Lower Upper

98 100

100 65.7 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 48.556 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX026383.D

Acq: 06 Jan 2022 18:58

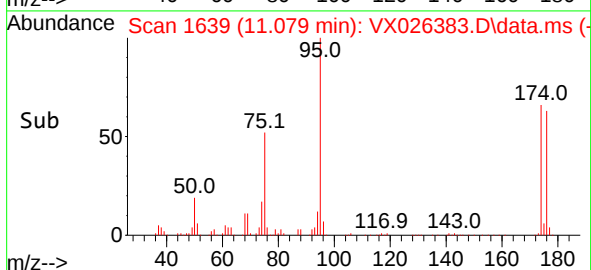
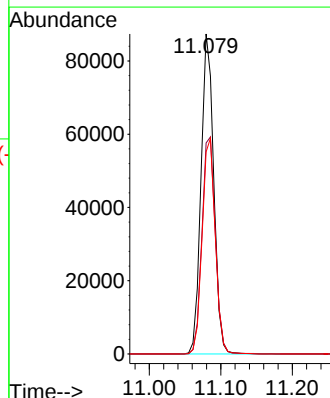
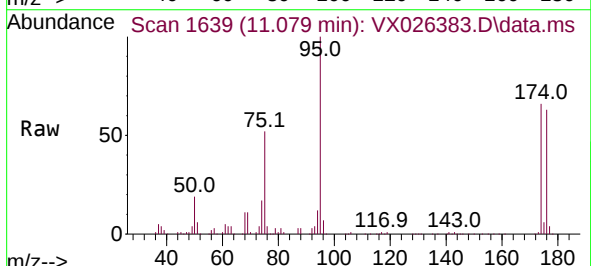
Tgt Ion: 95 Resp: 107586

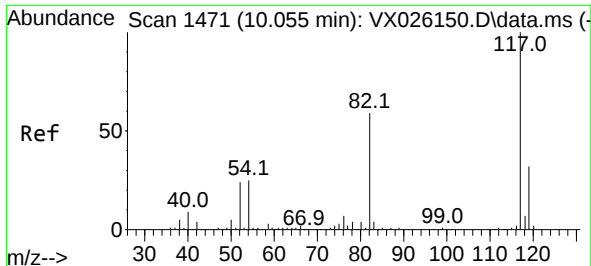
Ion Ratio Lower Upper

95 100

174 71.6 0.0 157.4

176 69.6 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: VX026383.D

Acq: 06 Jan 2022 18:58

Instrument :

MSVOA_X

ClientSampleId :

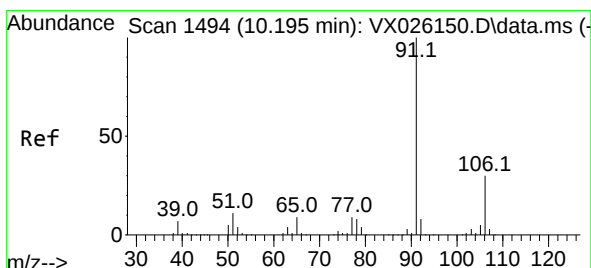
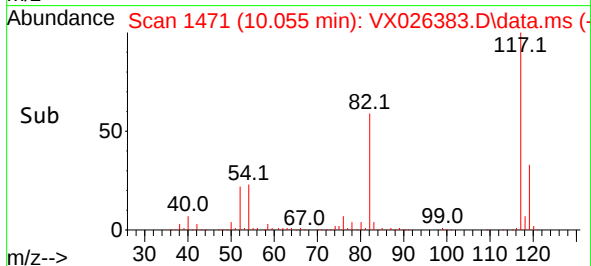
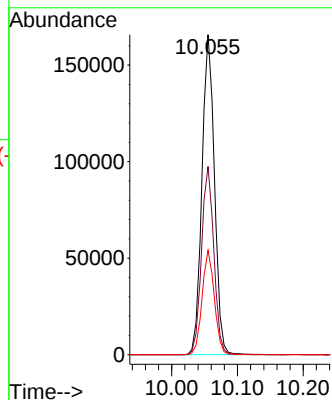
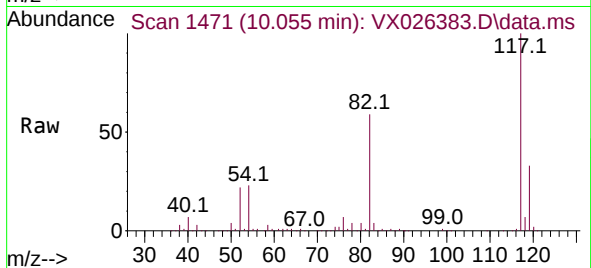
Tgt Ion:117 Resp: 219063

Ion Ratio Lower Upper

117 100

82 58.8 43.8 65.6

119 32.6 25.2 37.8



#67

Ethyl Benzene

Concen: 0.315 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX026383.D

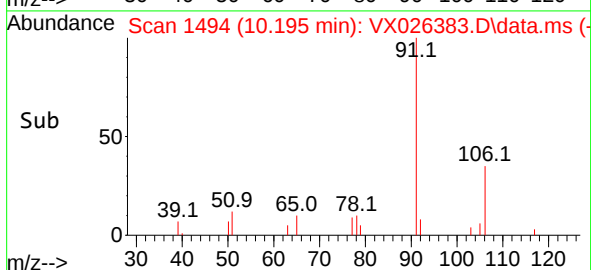
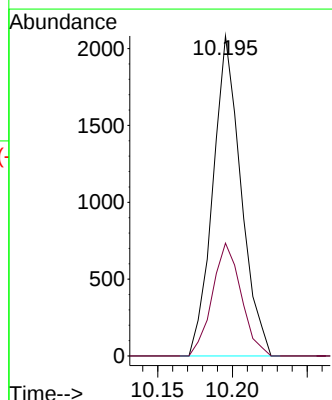
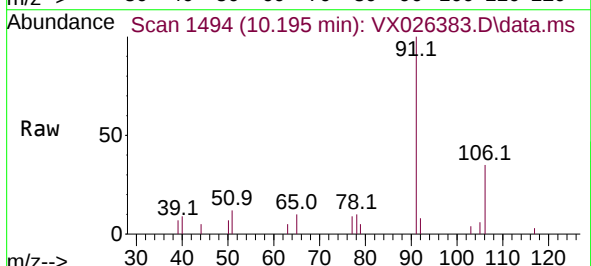
Acq: 06 Jan 2022 18:58

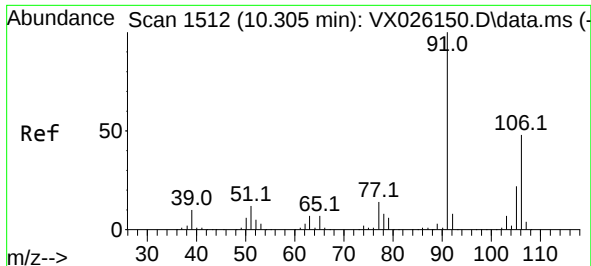
Tgt Ion: 91 Resp: 2711

Ion Ratio Lower Upper

91 100

106 35.3 25.7 38.5

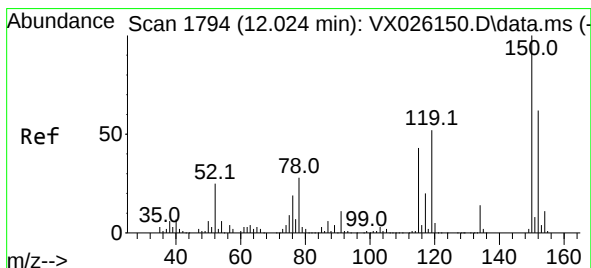
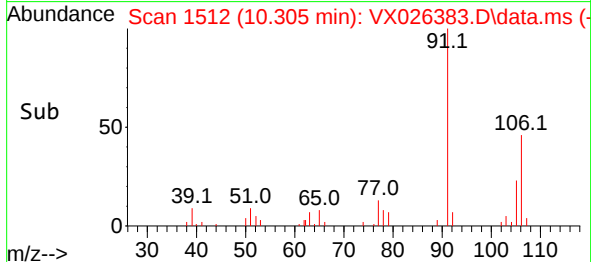
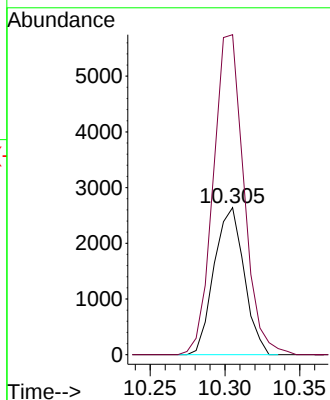
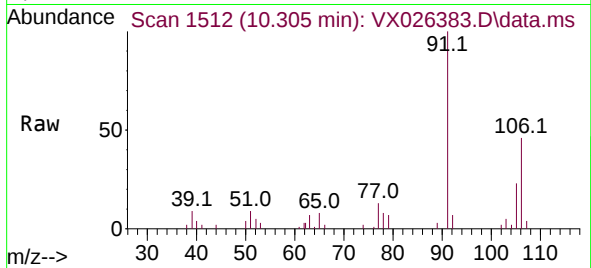




#68
m/p-Xylenes
Concen: 1.146 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026383.D
Acq: 06 Jan 2022 18:58

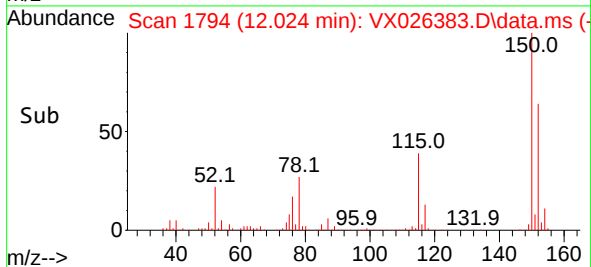
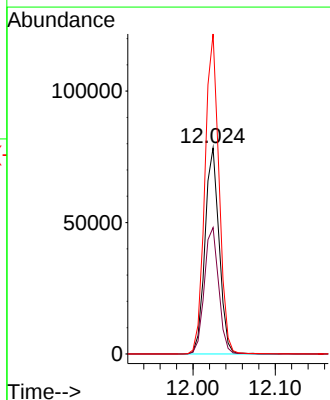
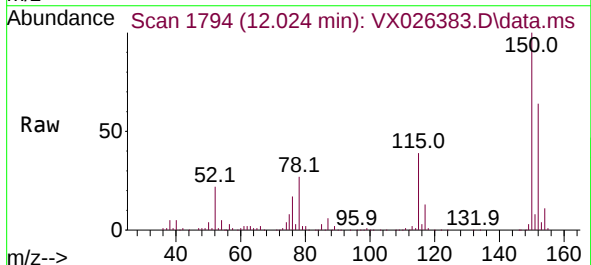
Instrument :
MSVOA_X
ClientSampleId :

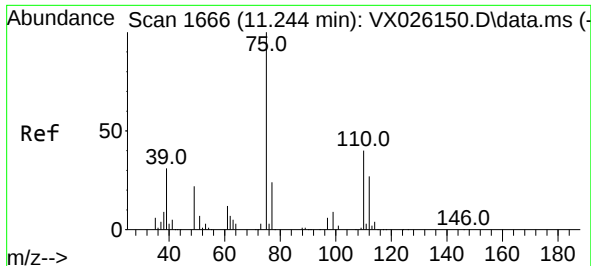
Tgt Ion:106 Resp: 3683
Ion Ratio Lower Upper
106 100
91 222.3 158.6 238.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026383.D
Acq: 06 Jan 2022 18:58

Tgt Ion:152 Resp: 93484
Ion Ratio Lower Upper
152 100
115 62.1 41.3 123.9
150 155.3 0.0 351.8

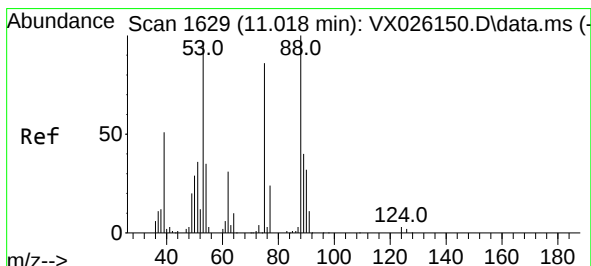
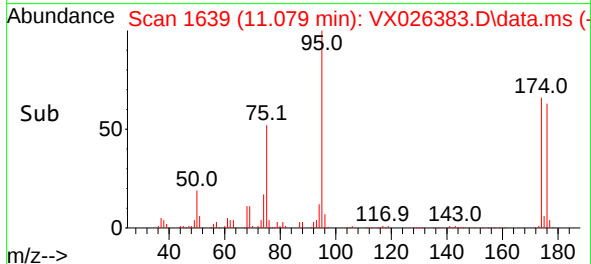
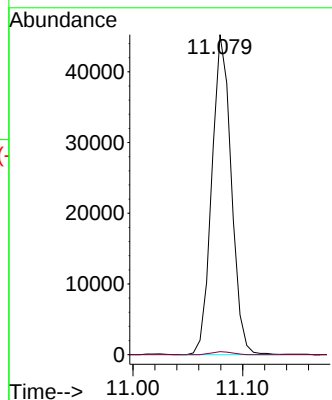
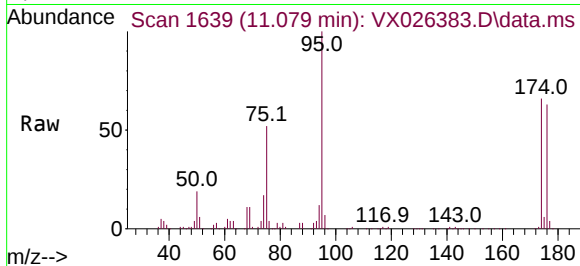




#76
1,2,3-Trichloropropane
Concen: 24.745 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026383.D
Acq: 06 Jan 2022 18:58

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 55837
Ion Ratio Lower Upper
75 100
77 1.0 19.0 57.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.588 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026383.D
Acq: 06 Jan 2022 18:58

Tgt Ion: 75 Resp: 55837
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 38.3 57.5#

