

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
 Data File : VX026855.D
 Acq On : 09 Feb 2022 04:43
 Operator : JC/MD
 Sample : N1432-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-1

Quant Time: Feb 09 05:22:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

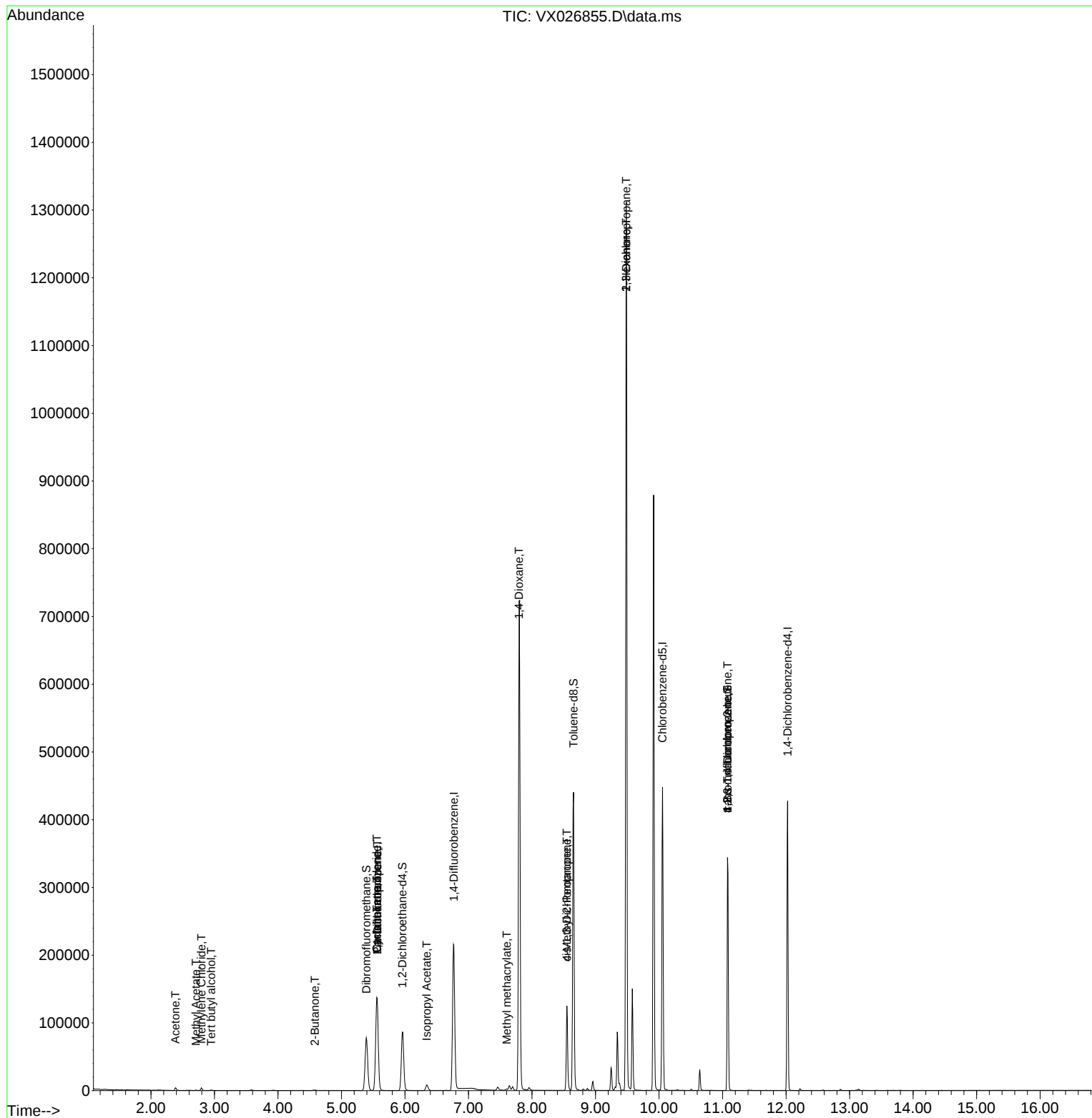
Internal Standards						
1) Pentafluorobenzene	5.562	168	131222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	220713	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87653	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84870	53.879	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.760%	
35) Dibromofluoromethane	5.391	113	68438	52.046	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.100%	
50) Toluene-d8	8.653	98	259607	53.784	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.560%	
62) 4-Bromofluorobenzene	11.079	95	95380	56.126	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.260%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.715	64	23	Below Cal	#	43
11) Tert butyl alcohol	2.946	59	399	1.402	ug/l #	75
16) Acetone	2.386	43	4970	7.184	ug/l	94
18) Methyl Acetate	2.709	43	828	0.416	ug/l #	71
20) Methylene Chloride	2.794	84	1645	1.097	ug/l	95
25) 2-Butanone	4.580	43	999	0.896	ug/l	95
31) Cyclohexane	5.556	56	2544	1.016	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	10074	4.856	ug/l #	52
38) Carbon Tetrachloride	5.556	117	13578	6.242	ug/l #	16
43) Isopropyl Acetate	6.342	43	11827	3.261	ug/l	99
48) Methyl methacrylate	7.604	41	3295	1.833	ug/l #	16
49) 1,4-Dioxane	7.793	88	68	2.196	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	42164	19.182	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	19526	8.724	ug/l #	55
57) 1,3-Dichloropropane	9.482	76	11814	4.748	ug/l #	43
59) 2-Hexanone	9.482	43	161724	100.589	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	46985	24.487	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	46985	74.761	ug/l #	4

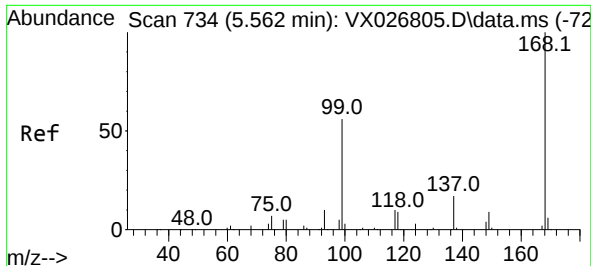
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

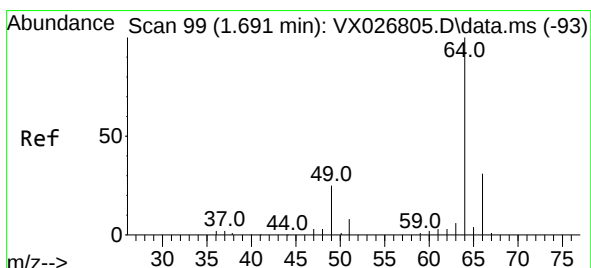
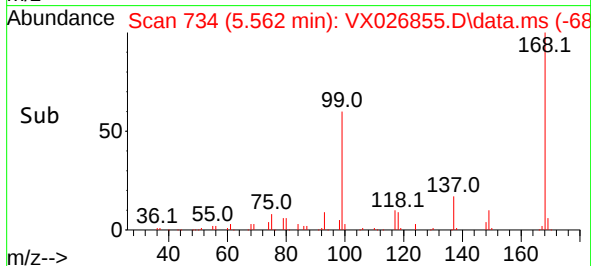
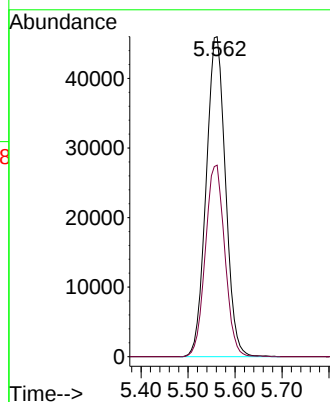
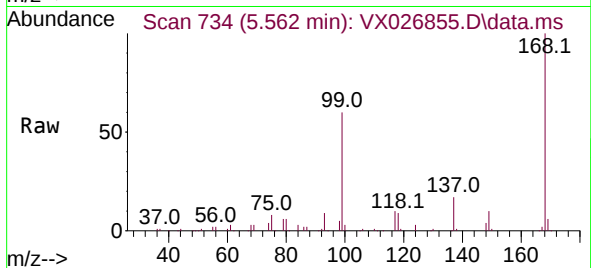




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026855.D
Acq: 09 Feb 2022 04:43

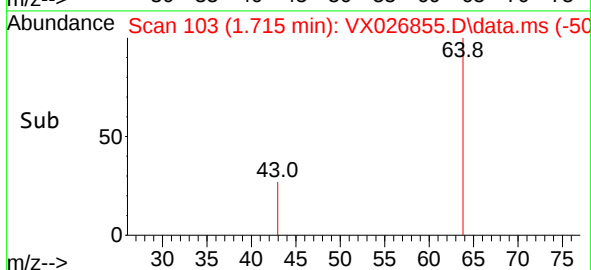
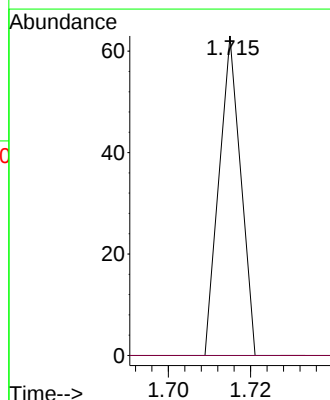
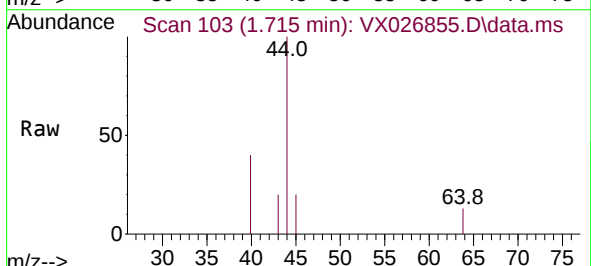
Instrument :
MSVOA_X
ClientSampleId :
SP-1

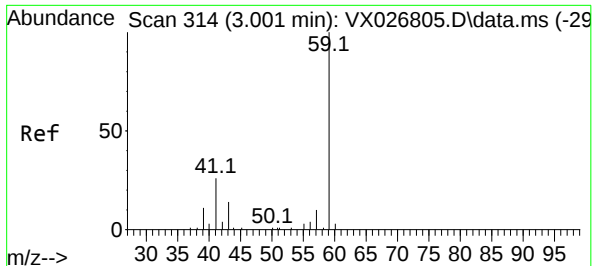
Tgt Ion:168 Resp: 131222
Ion Ratio Lower Upper
168 100
99 59.9 50.3 75.5



#6
Chloroethane
Concen: Below Cal
RT: 1.715 min Scan# 103
Delta R.T. 0.024 min
Lab File: VX026855.D
Acq: 09 Feb 2022 04:43

Tgt Ion: 64 Resp: 23
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

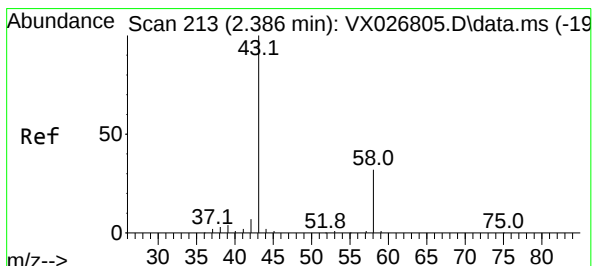
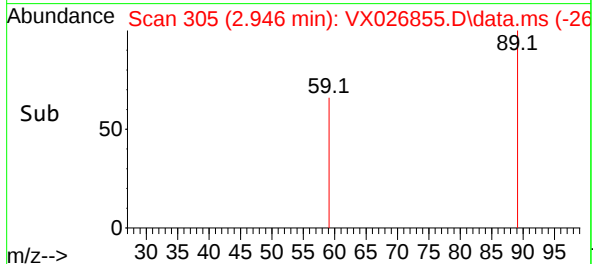
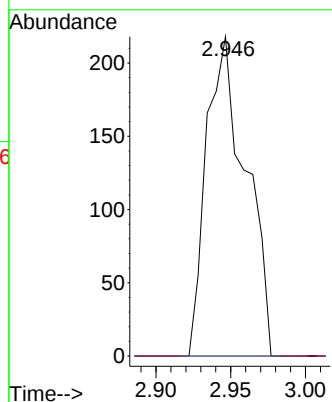
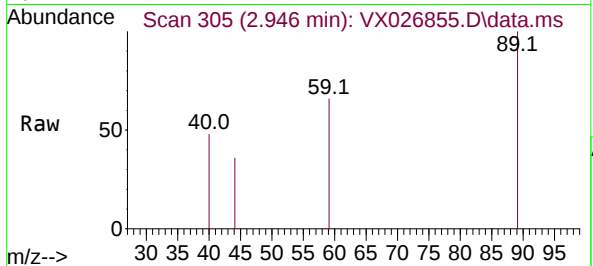




#11
Tert butyl alcohol
Concen: 1.402 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.055 min
Lab File: VX026855.D
Acq: 09 Feb 2022 04:43

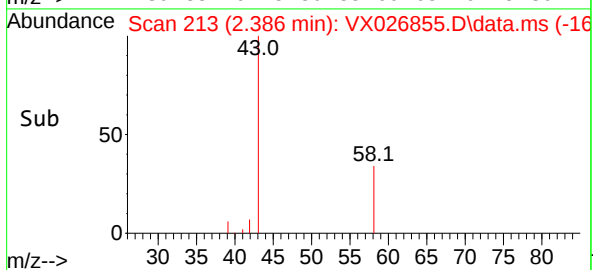
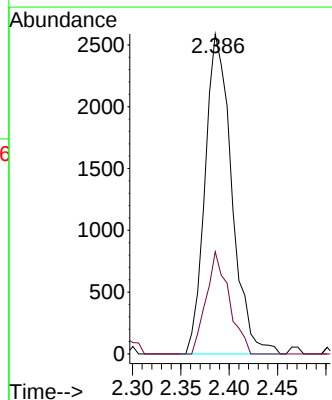
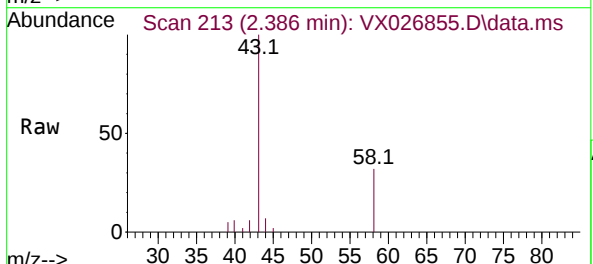
Instrument :
MSVOA_X
ClientSampleId :
SP-1

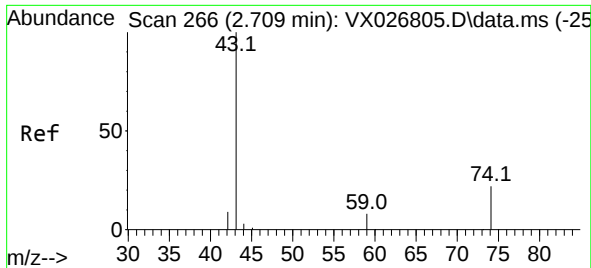
Tgt Ion: 59 Resp: 399
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#



#16
Acetone
Concen: 7.184 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX026855.D
Acq: 09 Feb 2022 04:43

Tgt Ion: 43 Resp: 4970
Ion Ratio Lower Upper
43 100
58 31.9 23.0 34.6

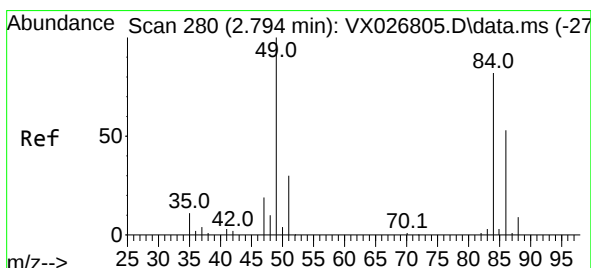
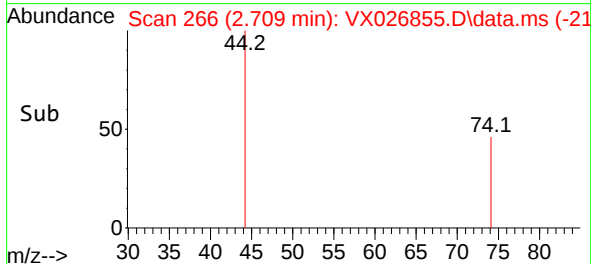
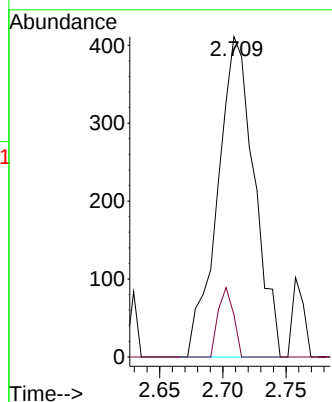
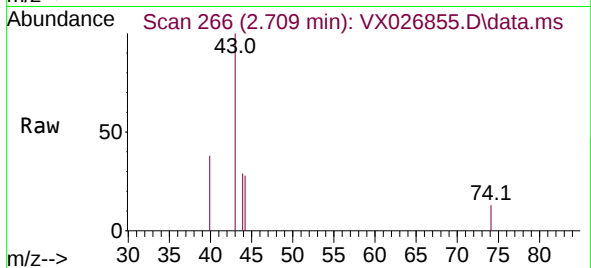




#18
Methyl Acetate
Concen: 0.416 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX026855.D
Acq: 09 Feb 2022 04:43

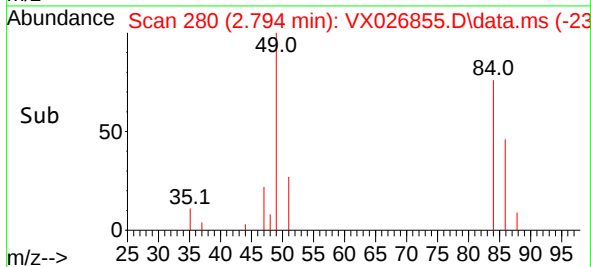
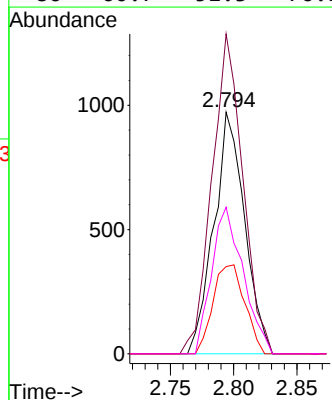
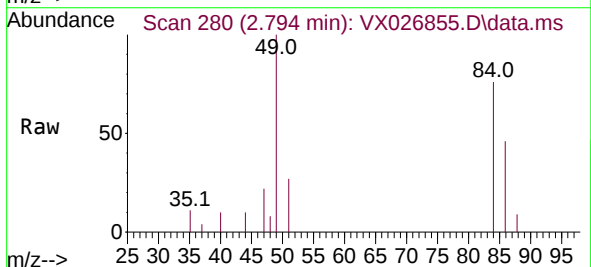
Instrument :
MSVOA_X
ClientSampleId :
SP-1

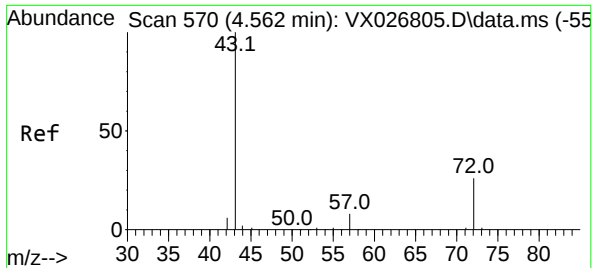
Tgt Ion: 43 Resp: 828
Ion Ratio Lower Upper
43 100
74 9.1 18.3 27.5#



#20
Methylene Chloride
Concen: 1.097 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX026855.D
Acq: 09 Feb 2022 04:43

Tgt Ion: 84 Resp: 1645
Ion Ratio Lower Upper
84 100
49 132.4 101.5 152.3
51 36.1 31.2 46.8
86 60.7 51.3 76.9

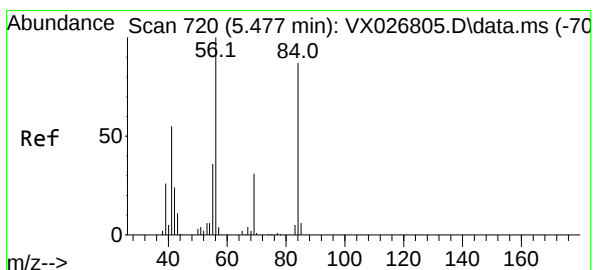
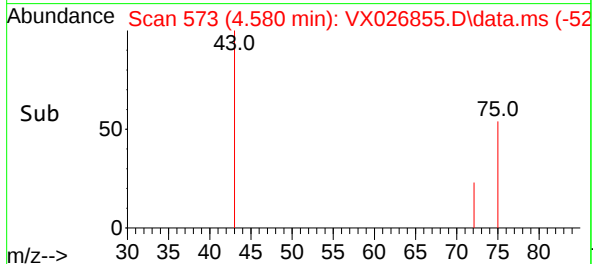
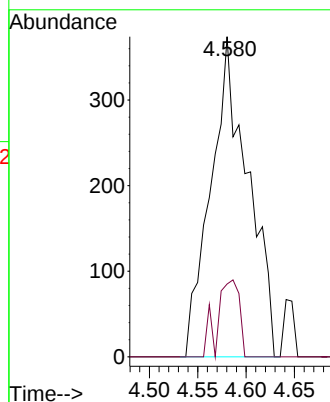
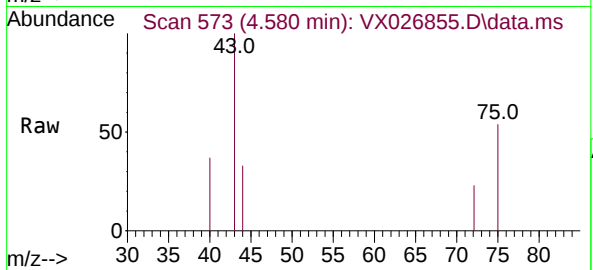




#25
2-Butanone
Concen: 0.896 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX026855.D
Acq: 09 Feb 2022 04:43

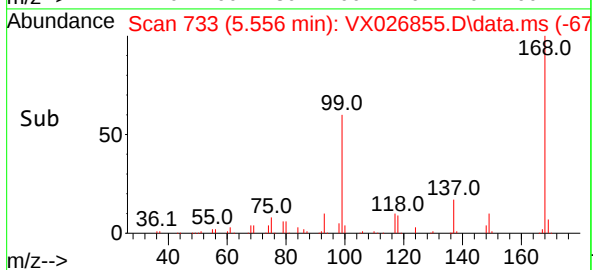
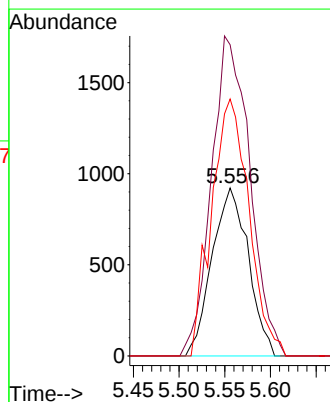
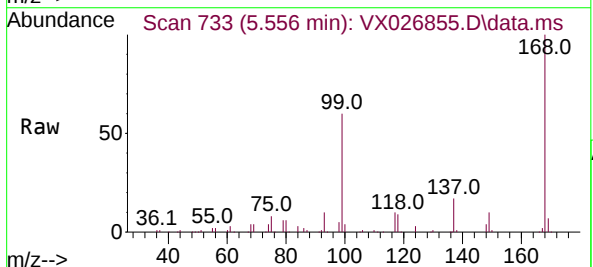
Instrument :
MSVOA_X
ClientSampleId :
SP-1

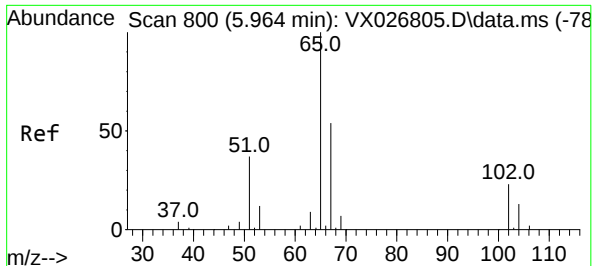
Tgt Ion: 43 Resp: 999
Ion Ratio Lower Upper
43 100
72 22.7 20.4 30.6



#31
Cyclohexane
Concen: 1.016 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX026855.D
Acq: 09 Feb 2022 04:43

Tgt Ion: 56 Resp: 2544
Ion Ratio Lower Upper
56 100
69 185.2 25.8 38.6#
84 152.9 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 53.879 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026855.D

Acq: 09 Feb 2022 04:43

Instrument :

MSVOA_X

ClientSampleId :

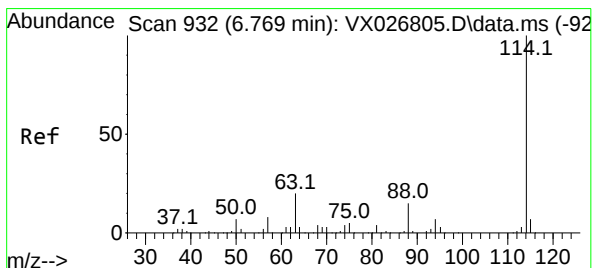
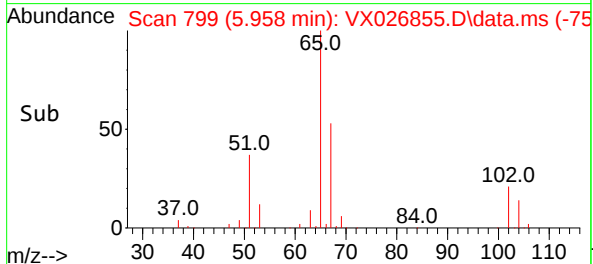
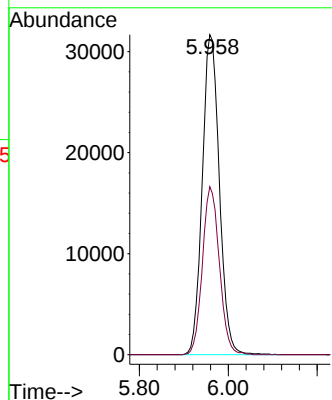
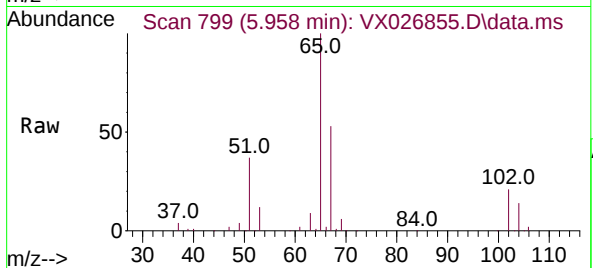
SP-1

Tgt Ion: 65 Resp: 84870

Ion Ratio Lower Upper

65 100

67 52.0 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX026855.D

Acq: 09 Feb 2022 04:43

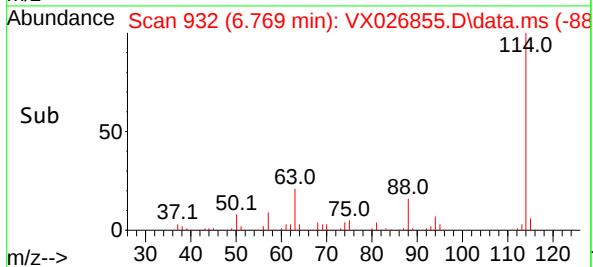
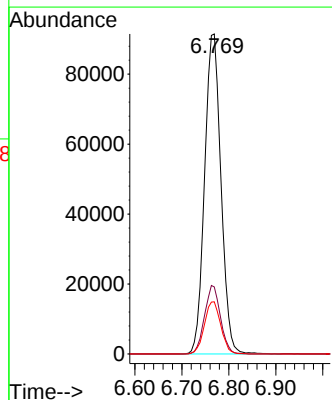
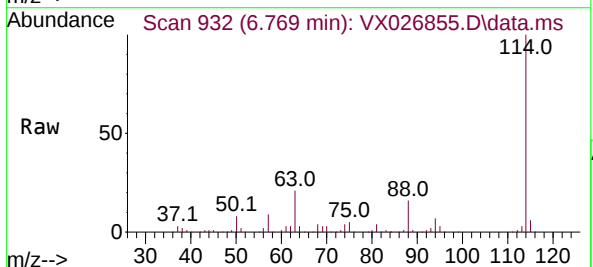
Tgt Ion: 114 Resp: 220713

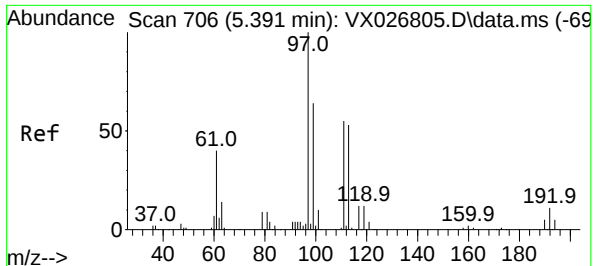
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.8

88 16.3 0.0 33.0

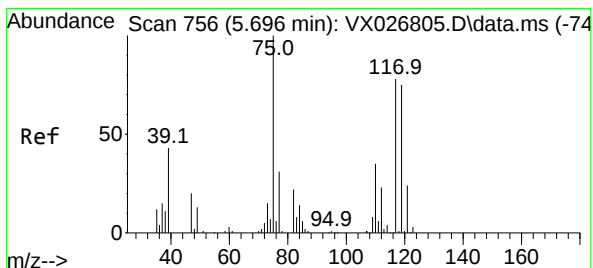
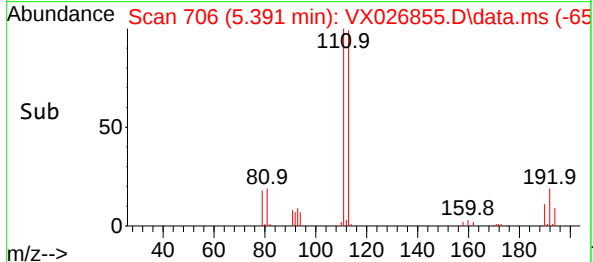
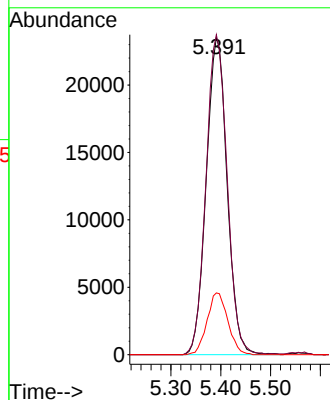
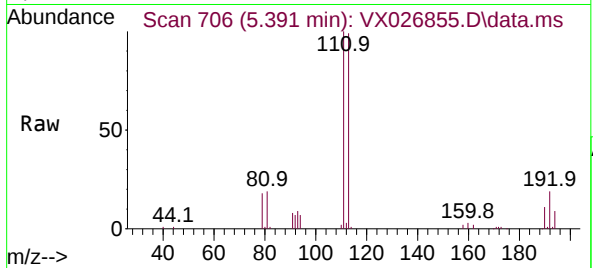




#35
Dibromofluoromethane
Concen: 52.046 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026855.D
Acq: 09 Feb 2022 04:43

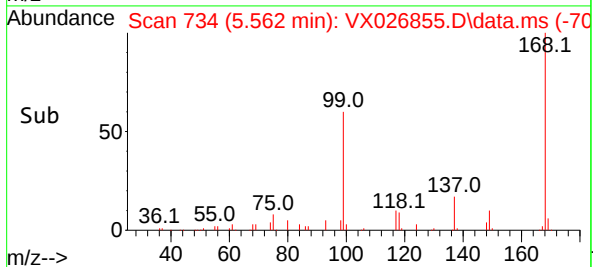
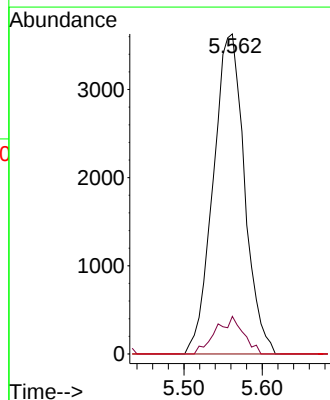
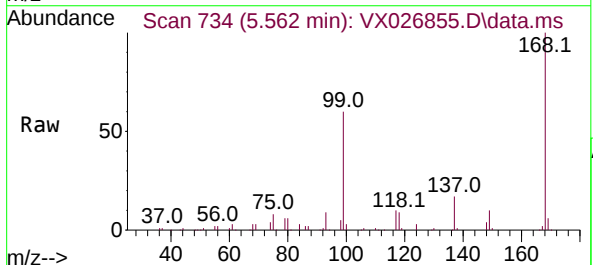
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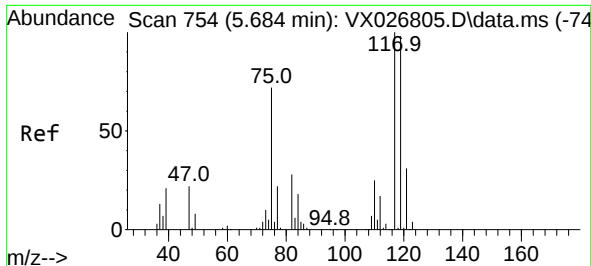
Tgt Ion:113 Resp: 68438
Ion Ratio Lower Upper
113 100
111 102.0 81.2 121.8
192 19.4 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.856 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX026855.D
Acq: 09 Feb 2022 04:43

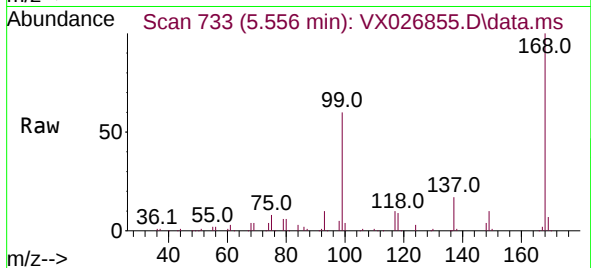
Tgt Ion: 75 Resp: 10074
Ion Ratio Lower Upper
75 100
110 10.4 17.2 51.6#
77 0.0 24.6 36.8#



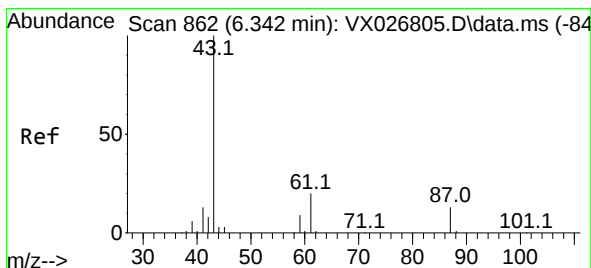
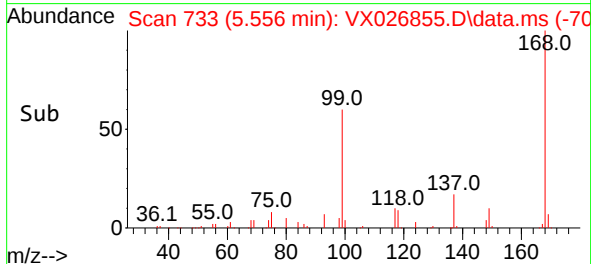
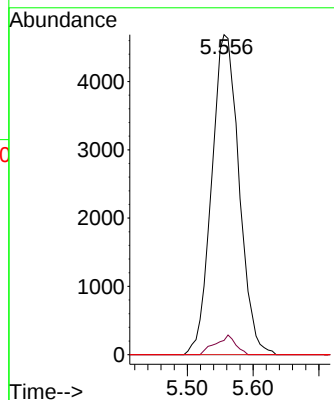


#38
Carbon Tetrachloride
Concen: 6.242 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX026855.D
Acq: 09 Feb 2022 04:43

Instrument :
MSVOA_X
ClientSampleId :
SP-1

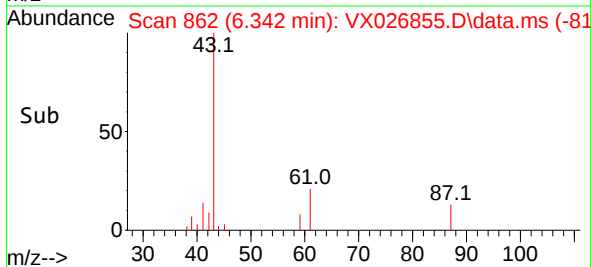
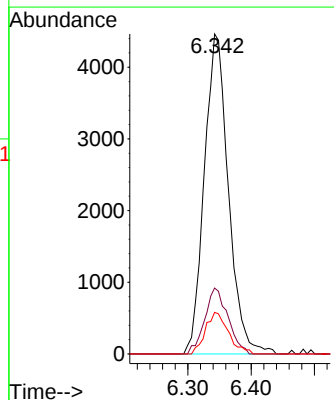
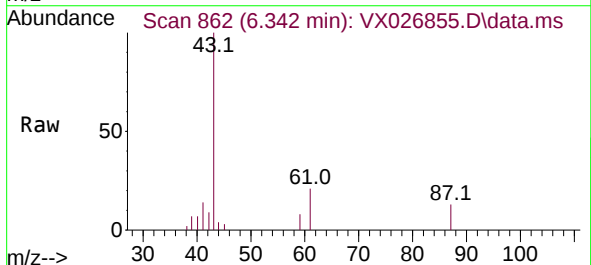


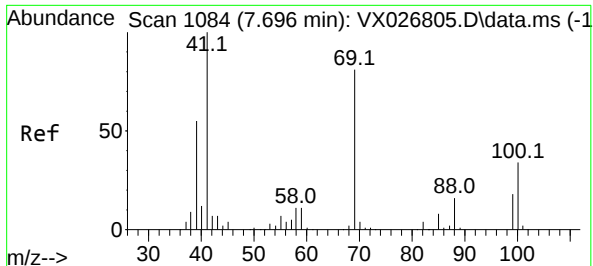
Tgt Ion:117 Resp: 13578
Ion Ratio Lower Upper
117 100
119 4.4 74.7 112.1#
121 0.0 25.4 38.0#



#43
Isopropyl Acetate
Concen: 3.261 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX026855.D
Acq: 09 Feb 2022 04:43

Tgt Ion: 43 Resp: 11827
Ion Ratio Lower Upper
43 100
61 19.8 15.4 23.0
87 12.4 10.2 15.2





#48

Methyl methacrylate

Concen: 1.833 ug/l

RT: 7.604 min Scan# 1100

Delta R.T. -0.091 min

Lab File: VX026855.D

Acq: 09 Feb 2022 04:43

Instrument :

MSVOA_X

ClientSampleId :

SP-1

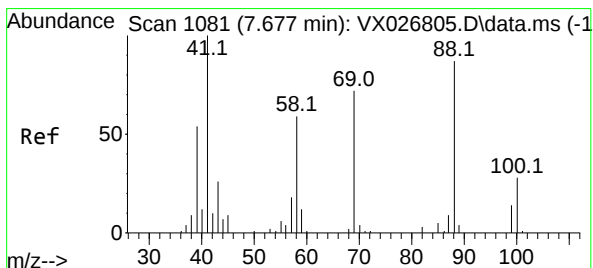
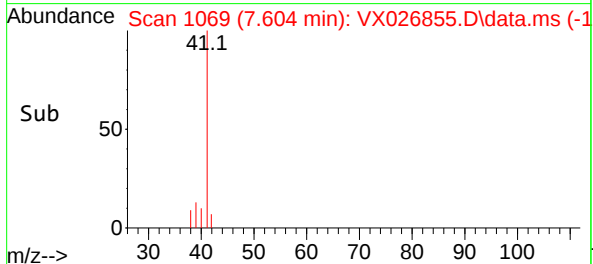
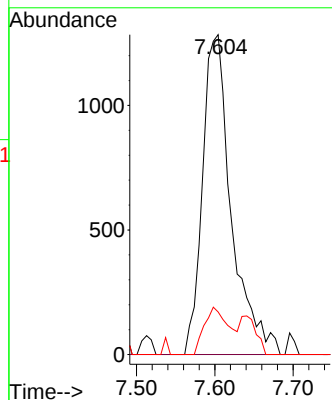
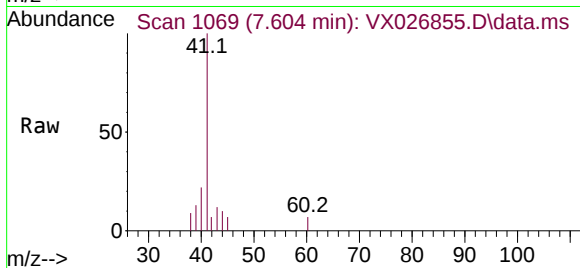
Tgt Ion: 41 Resp: 3295

Ion Ratio Lower Upper

41 100

69 0.0 62.2 93.4#

39 0.0 45.4 68.0#



#49

1,4-Dioxane

Concen: 2.196 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.116 min

Lab File: VX026855.D

Acq: 09 Feb 2022 04:43

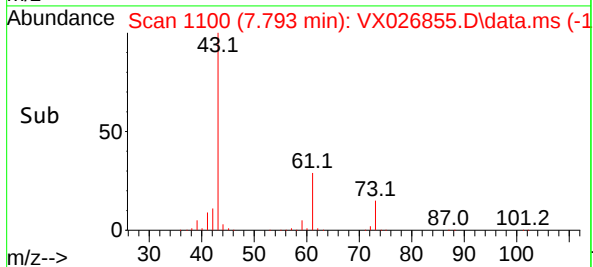
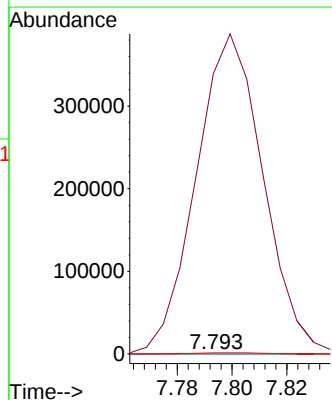
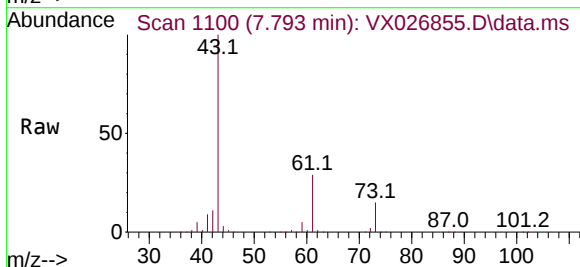
Tgt Ion: 88 Resp: 68

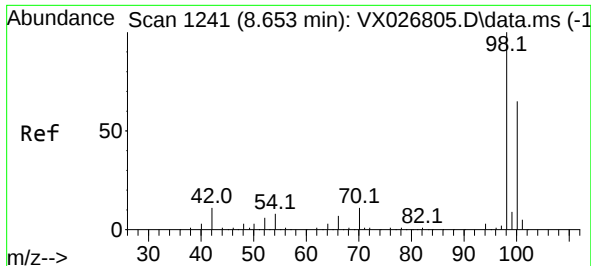
Ion Ratio Lower Upper

88 100

43 977520.6 29.9 44.9#

58 3685.3 57.8 86.6#

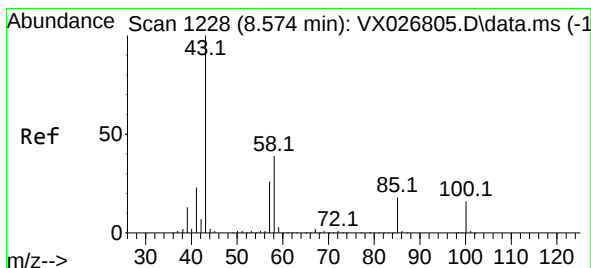
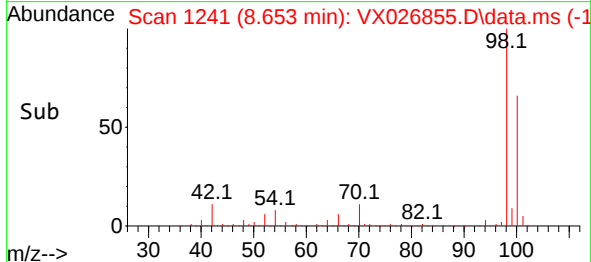
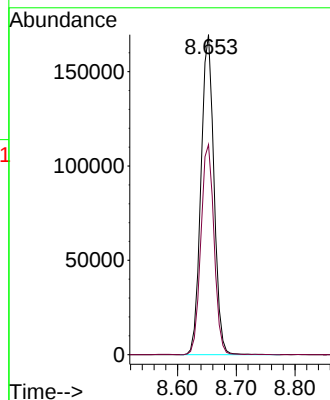
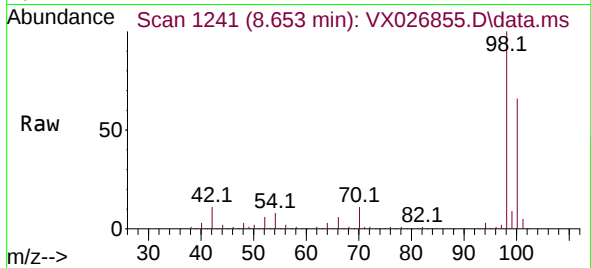




#50
Toluene-d8
Concen: 53.784 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026855.D
Acq: 09 Feb 2022 04:43

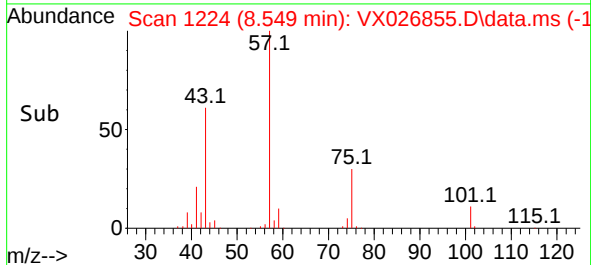
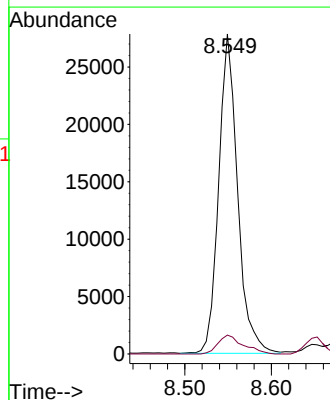
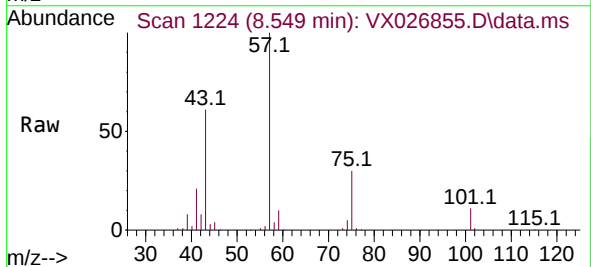
Instrument :
MSVOA_X
ClientSampleId :
SP-1

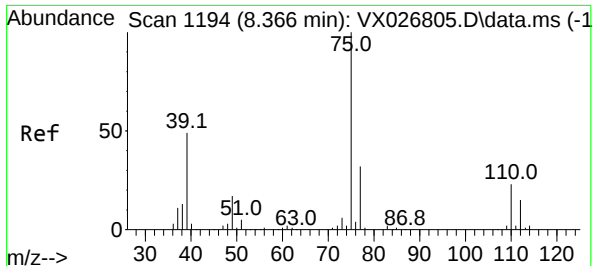
Tgt Ion: 98 Resp: 259607
Ion Ratio Lower Upper
98 100
100 66.7 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 19.182 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX026855.D
Acq: 09 Feb 2022 04:43

Tgt Ion: 43 Resp: 42164
Ion Ratio Lower Upper
43 100
58 7.8 30.5 45.7#

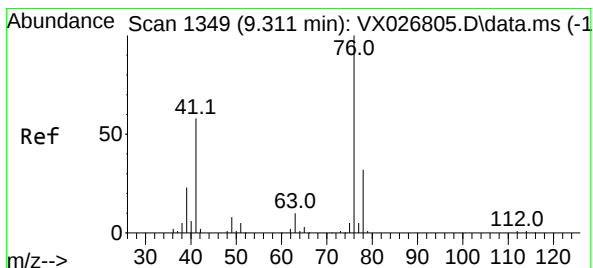
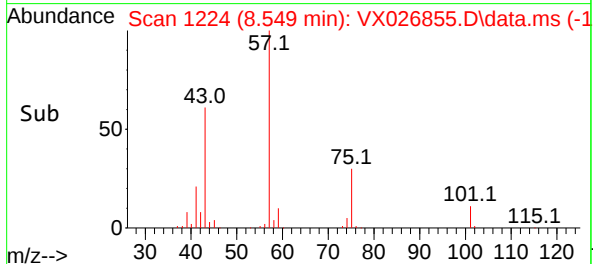
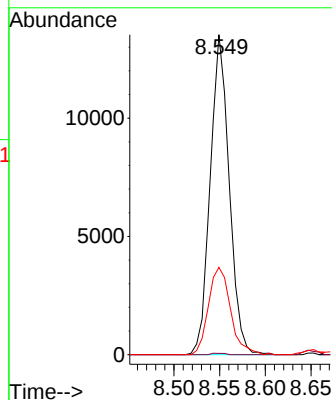
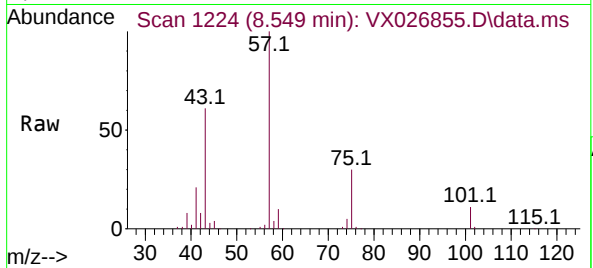




#54
 cis-1,3-Dichloropropene
 Concen: 8.724 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX026855.D
 Acq: 09 Feb 2022 04:43

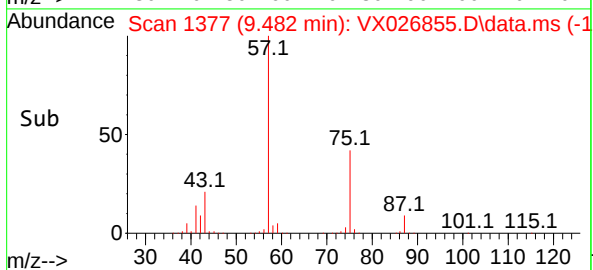
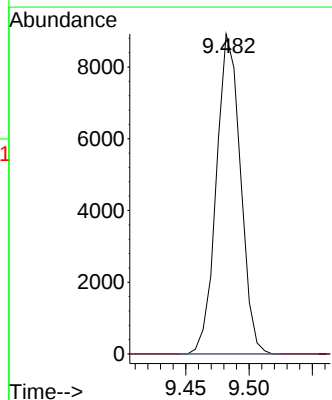
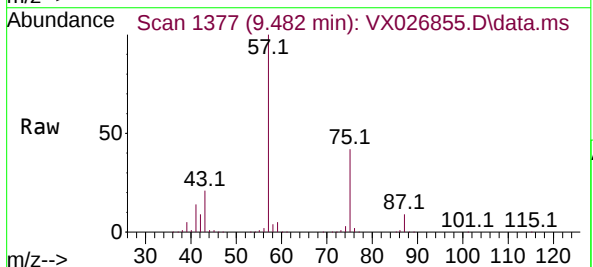
Instrument :
 MSVOA_X
 ClientSampleId :
 SP-1

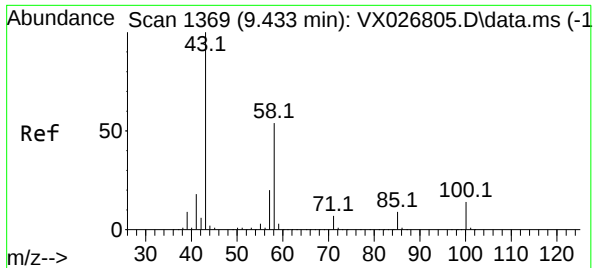
Tgt Ion: 75 Resp: 19526
 Ion Ratio Lower Upper
 75 100
 77 0.4 26.2 39.2#
 39 27.3 43.5 65.3#



#57
 1,3-Dichloropropane
 Concen: 4.748 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX026855.D
 Acq: 09 Feb 2022 04:43

Tgt Ion: 76 Resp: 11814
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#





#59

2-Hexanone

Concen: 100.589 ug/l

RT: 9.482 min Scan# 1

Delta R.T. 0.049 min

Lab File: VX026855.D

Acq: 09 Feb 2022 04:43

Instrument :

MSVOA_X

ClientSampleId :

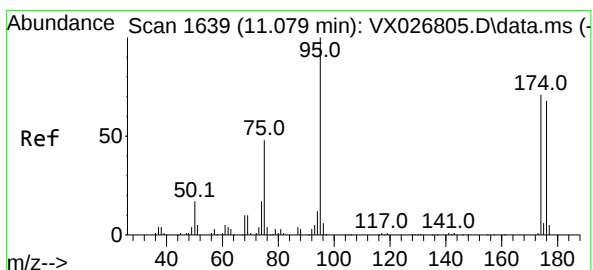
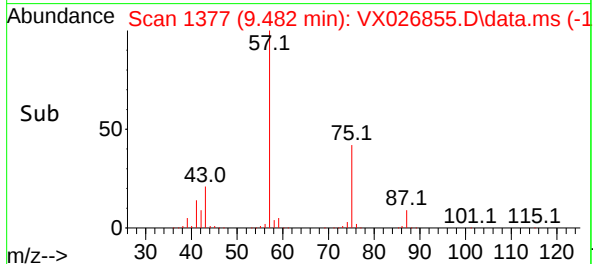
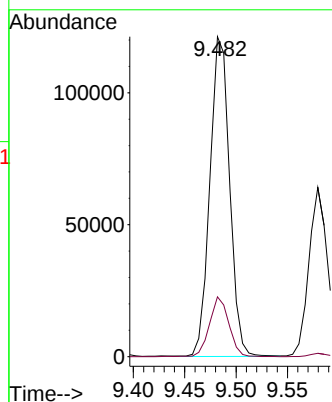
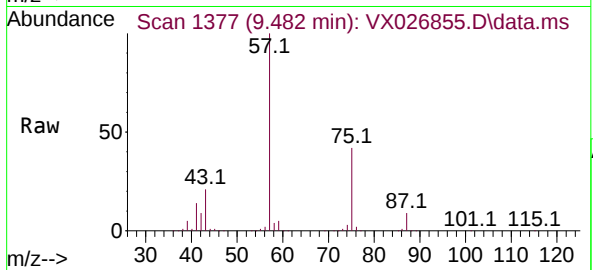
SP-1

Tgt Ion: 43 Resp: 161724

Ion Ratio Lower Upper

43 100

58 18.4 26.4 79.2#



#62

4-Bromofluorobenzene

Concen: 56.126 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX026855.D

Acq: 09 Feb 2022 04:43

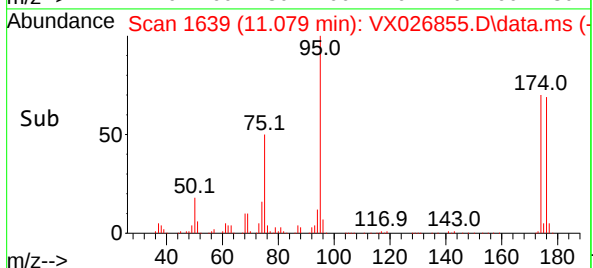
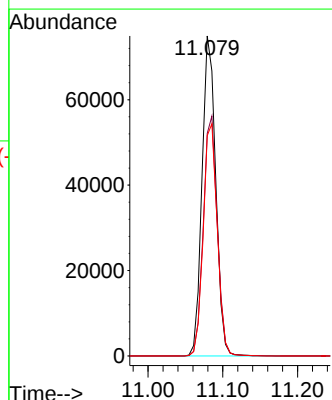
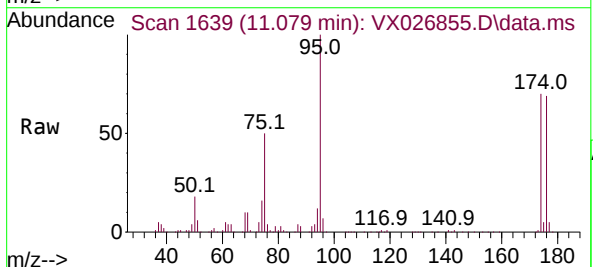
Tgt Ion: 95 Resp: 95380

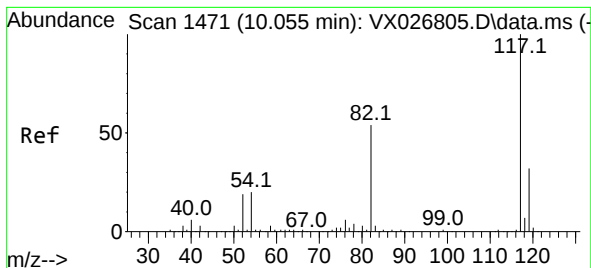
Ion Ratio Lower Upper

95 100

174 76.1 0.0 148.6

176 74.2 0.0 141.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX026855.D

Acq: 09 Feb 2022 04:43

Instrument :

MSVOA_X

ClientSampleId :

SP-1

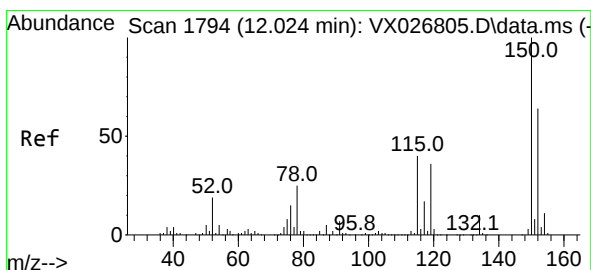
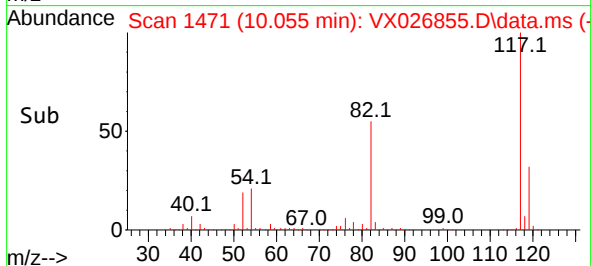
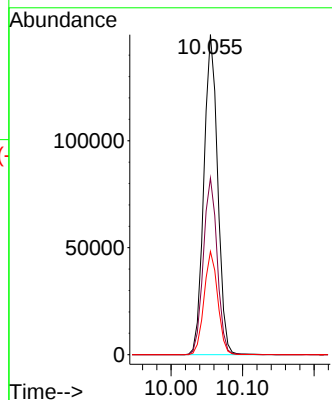
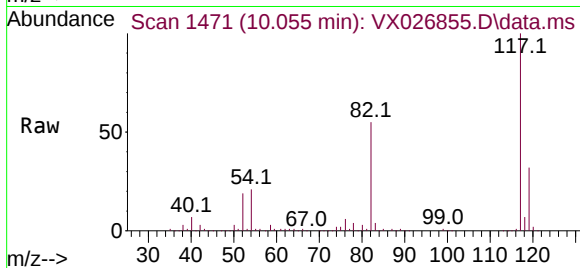
Tgt Ion:117 Resp: 200784

Ion Ratio Lower Upper

117 100

82 55.2 45.2 67.8

119 32.3 26.2 39.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX026855.D

Acq: 09 Feb 2022 04:43

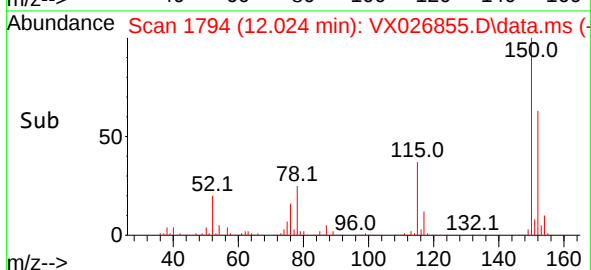
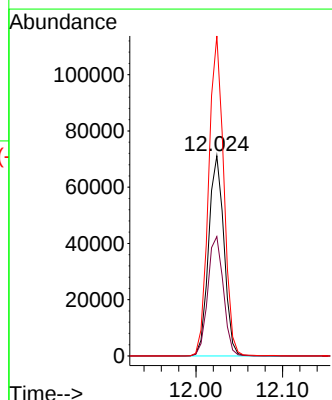
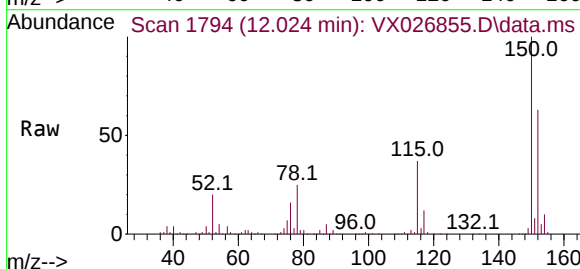
Tgt Ion:152 Resp: 87653

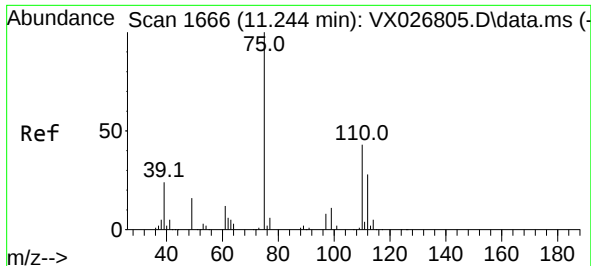
Ion Ratio Lower Upper

152 100

115 60.5 44.2 132.6

150 157.0 0.0 348.2

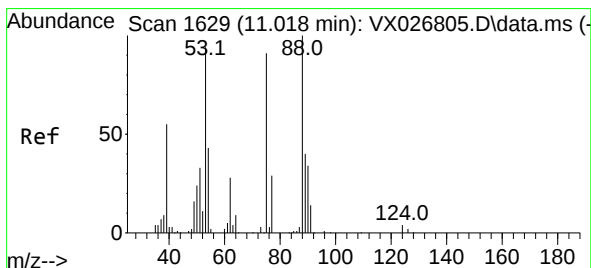
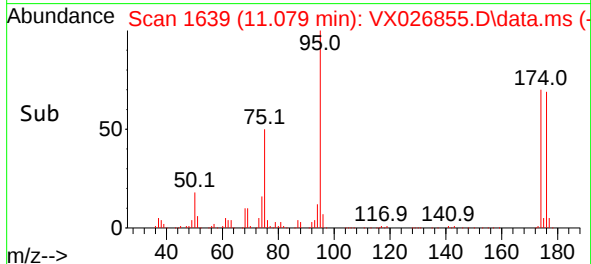
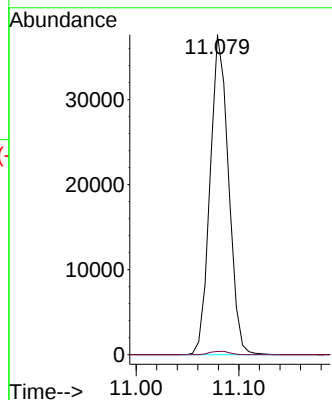
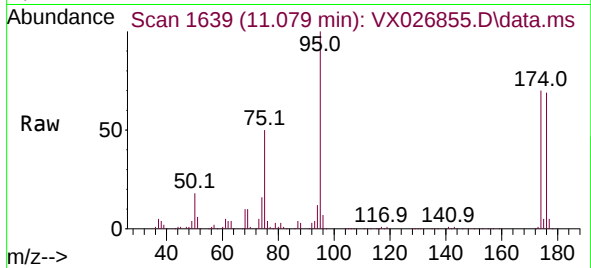




#76
1,2,3-Trichloropropane
Concen: 24.487 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026855.D
Acq: 09 Feb 2022 04:43

Instrument :
MSVOA_X
ClientSampleId :
SP-1

Tgt Ion: 75 Resp: 46985
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.761 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026855.D
Acq: 09 Feb 2022 04:43

Tgt Ion: 75 Resp: 46985
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.1 37.0 55.4#

