

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052022\
 Data File : VX028860.D
 Acq On : 20 May 2022 18:53
 Operator : JC/MD
 Sample : N2943-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP051822

Quant Time: May 20 23:32:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	254707	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	446172	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	408710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	265302	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	169978	48.684	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.360%
35) Dibromofluoromethane	5.391	113	139343	47.667	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.340%
50) Toluene-d8	8.653	98	539312	48.934	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.860%
62) 4-Bromofluorobenzene	11.085	95	273241	66.377	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	132.760%
Target Compounds						
					Qvalue	
3) Chloromethane	1.264	50	7318	2.330	ug/l #	65
5) Bromomethane	1.618	94	510	Below Cal		88
6) Chloroethane	1.746	64	2226	Below Cal	#	64
11) Tert butyl alcohol	2.953	59	17624	16.328	ug/l #	72
13) Acrolein	2.215	56	25379	44.285	ug/l #	1
14) Allyl chloride	2.715	41	44033	10.415	ug/l #	25
15) Acrylonitrile	3.105	53	39515	23.490	ug/l #	38
16) Acetone	2.380	43	53536	35.728	ug/l	91
17) Carbon Disulfide	2.520	76	1927	0.282	ug/l #	88
18) Methyl Acetate	2.782	43	432838	115.331	ug/l #	46
19) Methyl tert-butyl Ether	3.111	73	101288	10.828	ug/l #	1
20) Methylene Chloride	2.721	84	19237	6.119	ug/l #	19
22) Diisopropyl ether	3.764	45	4343	0.481	ug/l #	59
23) Vinyl Acetate	3.733	43	11652	1.496	ug/l #	70
24) 1,1-Dichloroethane	3.593	63	1721	0.328	ug/l #	81
25) 2-Butanone	4.562	43	34106	14.500	ug/l	97
26) 2,2-Dichloropropane	4.312	77	22109	5.368	ug/l #	52
29) Tetrahydrofuran	5.013	42	3017	1.973	ug/l	90
30) Chloroform	5.178	83	22781	4.007	ug/l #	26
31) Cyclohexane	5.477	56	1536208	316.985	ug/l	99
36) 1,1-Dichloropropene	5.550	75	20969	4.776	ug/l #	49
37) Ethyl Acetate	4.794	43	2222	0.485	ug/l #	1
38) Carbon Tetrachloride	5.556	117	26539	6.006	ug/l #	15
39) Methylcyclohexane	7.385	83	778215	154.553	ug/l	94
40) Benzene	6.044	78	1465439	116.132	ug/l	100
42) 1,2-Dichloroethane	6.037	62	14079	3.025	ug/l #	73
43) Isopropyl Acetate	6.367	43	16365	2.281	ug/l #	58
45) 1,2-Dichloropropane	7.379	63	10320	3.278	ug/l #	1
46) Dibromomethane	7.574	93	658	0.280	ug/l #	1
47) Bromodichloromethane	7.769	83	2165	0.496	ug/l #	83
48) Methyl methacrylate	7.659	41	56582	16.326	ug/l #	67
51) 4-Methyl-2-Pentanone	8.604	43	6549	1.386	ug/l #	31
52) Toluene	8.720	92	1347138	165.958	ug/l	97
53) t-1,3-Dichloropropene	8.836	75	592	1.755	ug/l #	1
55) 1,1,2-Trichloroethane	9.104	97	35708	10.788	ug/l #	20
56) Ethyl methacrylate	9.104	69	8697	1.735	ug/l #	1

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

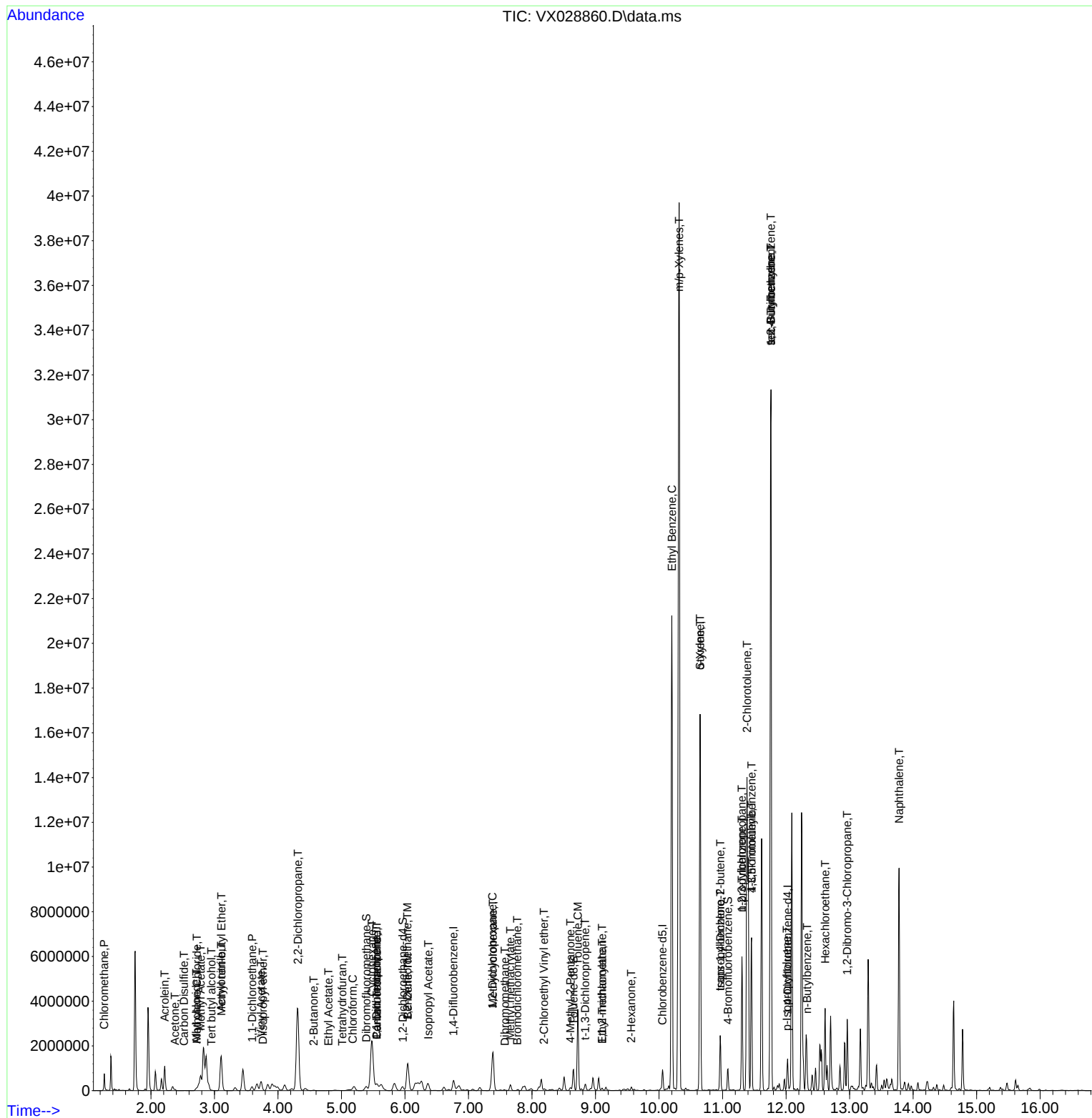
58) 2-Chloroethyl Vinyl ether	8.190	63	750	0.306	ug/l #	45
59) 2-Hexanone	9.561	43	12351	3.364	ug/l	89
67) Ethyl Benzene	10.201	91	10823447	696.442	ug/l #	71
68) m/p-Xylenes	10.317	106	11032611	1823.408	ug/l #	65
69) o-Xylene	10.646	106	3776526	633.955	ug/l	89
70) Styrene	10.646	104	239449	24.752	ug/l #	1
73) Isopropylbenzene	10.963	105	1204046	59.846	ug/l	99
76) 1,2,3-Trichloropropane	11.305	75	24003	3.863	ug/l #	1
78) n-propylbenzene	11.305	91	3469613	149.087	ug/l	98
79) 2-Chlorotoluene	11.384	91	1482103	103.907	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.457	105	2948428	175.876	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.963	75	15224	10.614	ug/l #	63
82) 4-Chlorotoluene	11.457	91	339704	20.601	ug/l #	45
83) tert-Butylbenzene	11.762	119	2250121	138.628	ug/l #	53
84) 1,2,4-Trimethylbenzene	11.762	105	12170803	723.977	ug/l	78
85) sec-Butylbenzene	11.762	105	12170803	607.885	ug/l #	56
86) p-Isopropyltoluene	12.012	119	87264	5.194	ug/l #	78
89) n-Butylbenzene	12.329	91	388431	26.684	ug/l #	28
90) Hexachloroethane	12.616	117	150337	55.335	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	12.963	75	10288	6.981	ug/l #	1
95) Naphthalene	13.780	128	5718339	303.322	ug/l	96

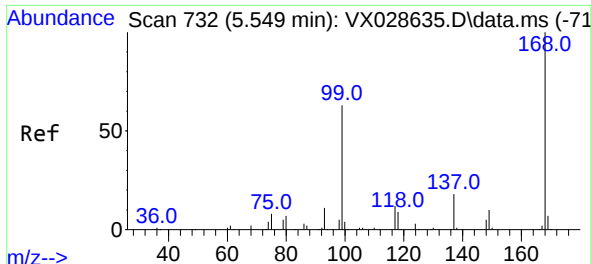
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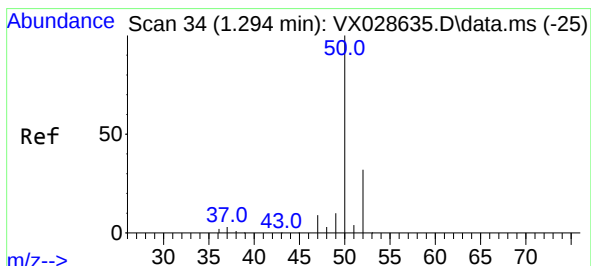
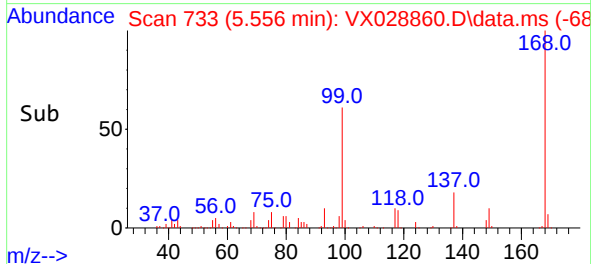
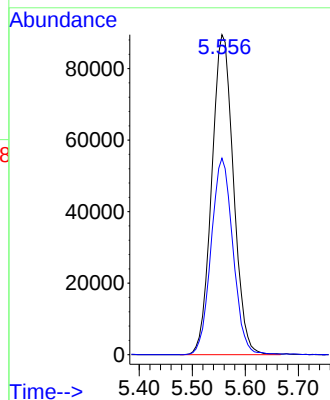
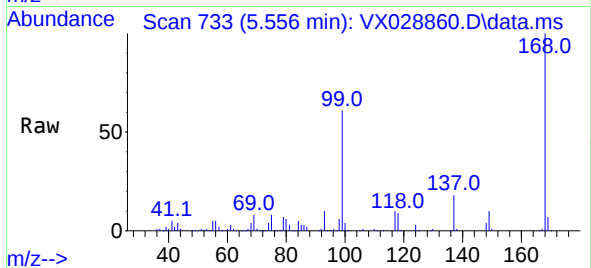




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028860.D
Acq: 20 May 2022 18:53

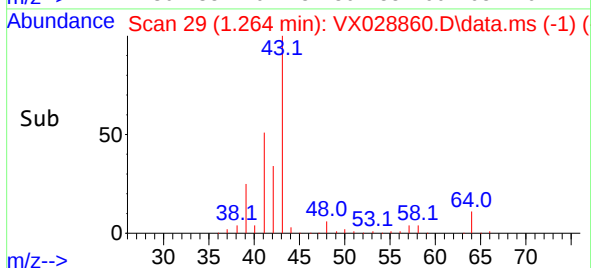
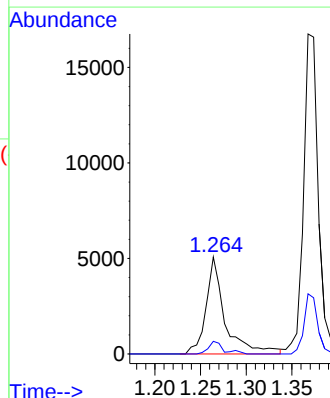
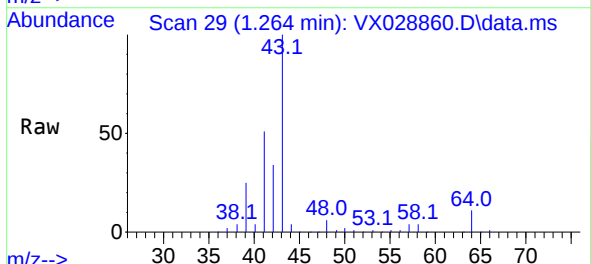
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MSVOA_X
ClientSampleId :
DUP051822

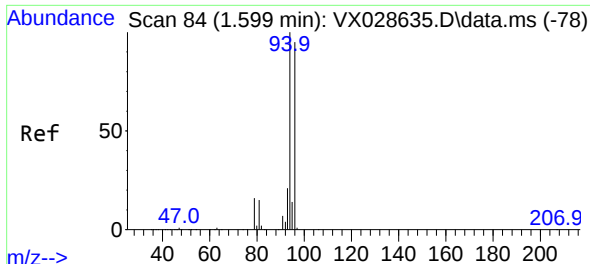
Tgt Ion:168 Resp: 254707
Ion Ratio Lower Upper
168 100
99 61.4 41.7 62.5



#3
Chloromethane
Concen: 2.330 ug/l
RT: 1.264 min Scan# 29
Delta R.T. -0.030 min
Lab File: VX028860.D
Acq: 20 May 2022 18:53

Tgt Ion: 50 Resp: 7318
Ion Ratio Lower Upper
50 100
52 13.1 26.4 39.6#

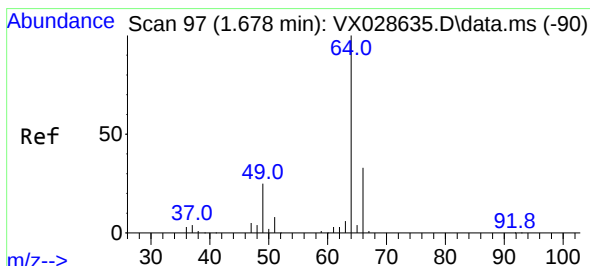
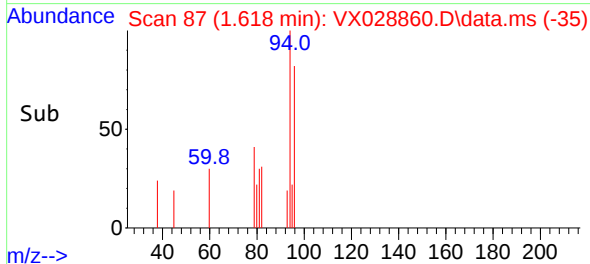
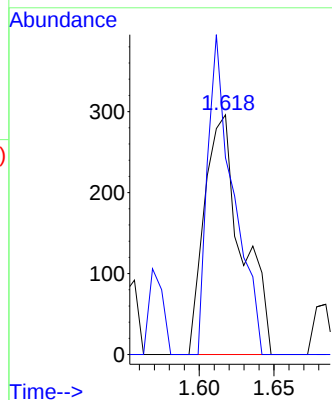
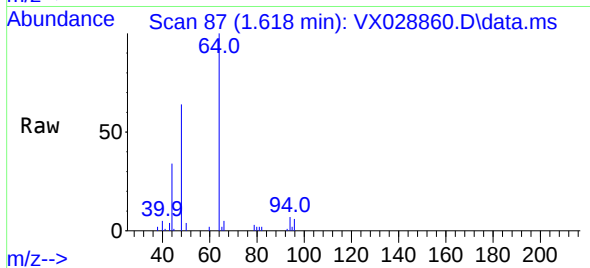




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX028860.D
Acq: 20 May 2022 18:53

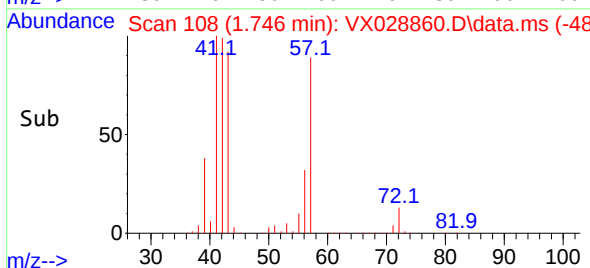
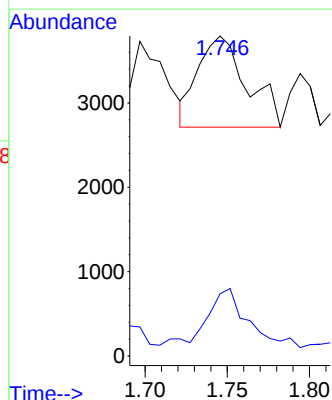
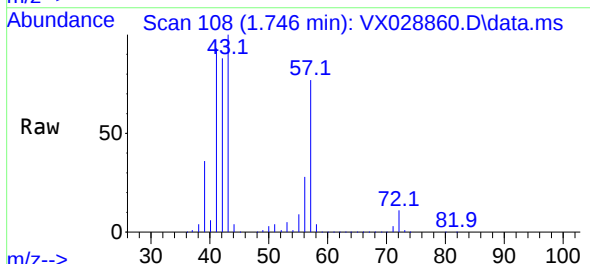
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ClientSampleId :
DUP051822

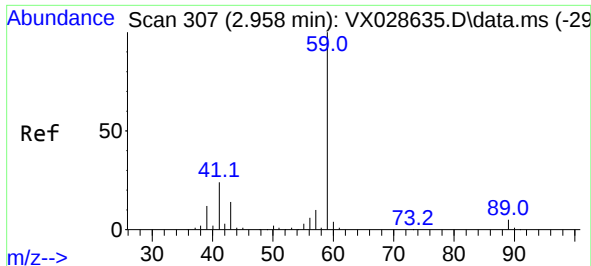
Tgt Ion: 94 Resp: 510
Ion Ratio Lower Upper
94 100
96 82.1 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.746 min Scan# 108
Delta R.T. 0.068 min
Lab File: VX028860.D
Acq: 20 May 2022 18:53

Tgt Ion: 64 Resp: 2226
Ion Ratio Lower Upper
64 100
66 51.7 25.3 37.9#





#11

Tert butyl alcohol

Concen: 16.328 ug/l

RT: 2.953 min Scan# 30

Delta R.T. -0.005 min

Lab File: VX028860.D

Acq: 20 May 2022 18:53

Instrument :

MSVOA_X

ClientSampleId :

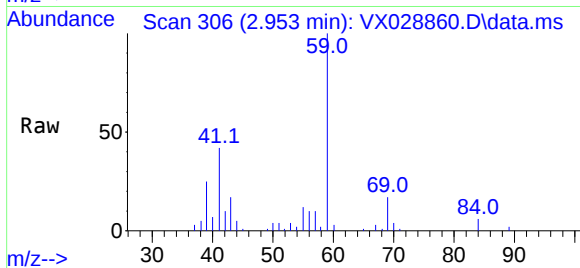
DUP051822

Tgt Ion: 59 Resp: 17624

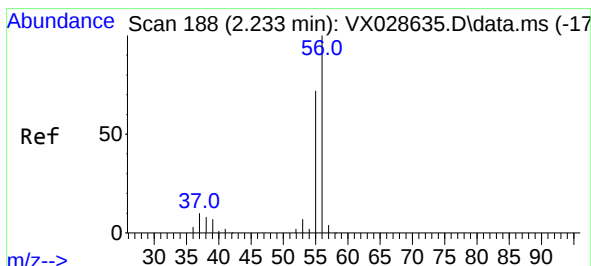
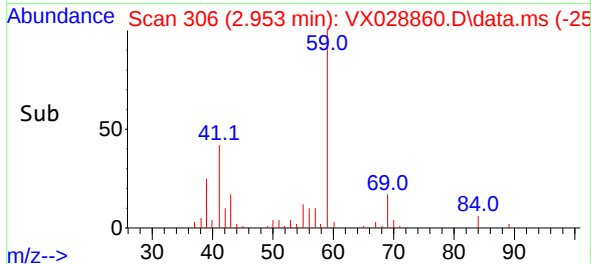
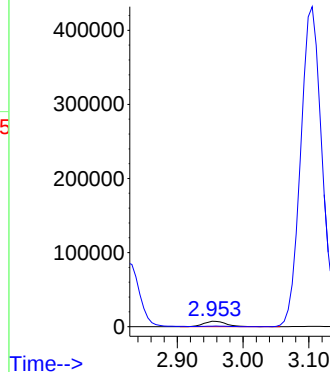
Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance



#13

Acrolein

Concen: 44.285 ug/l

RT: 2.215 min Scan# 185

Delta R.T. -0.018 min

Lab File: VX028860.D

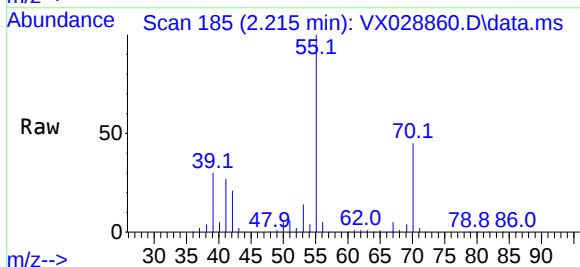
Acq: 20 May 2022 18:53

Tgt Ion: 56 Resp: 25379

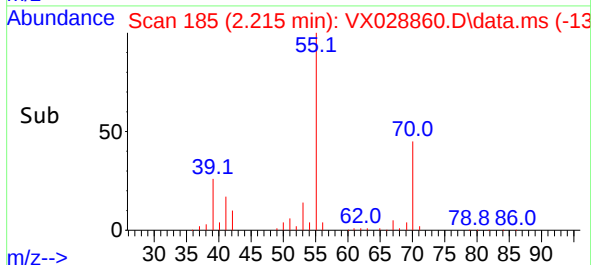
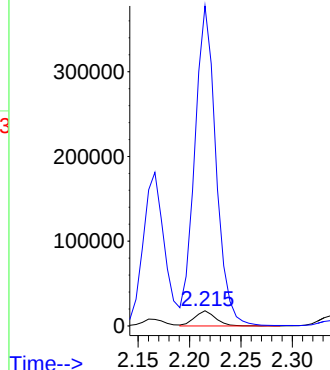
Ion Ratio Lower Upper

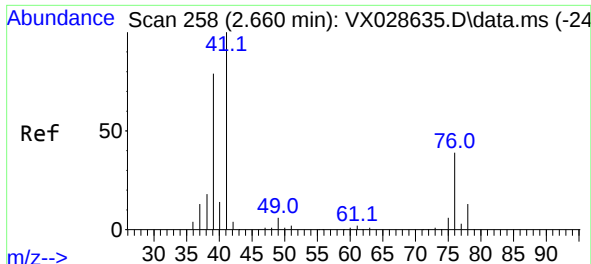
56 100

55 2145.9 55.0 82.6#



Abundance

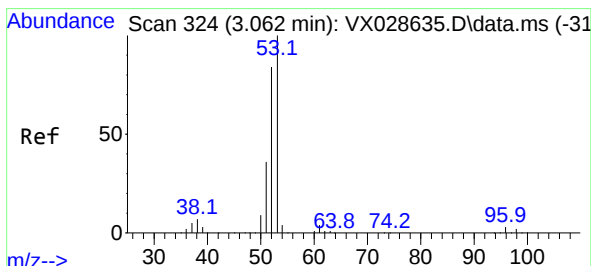
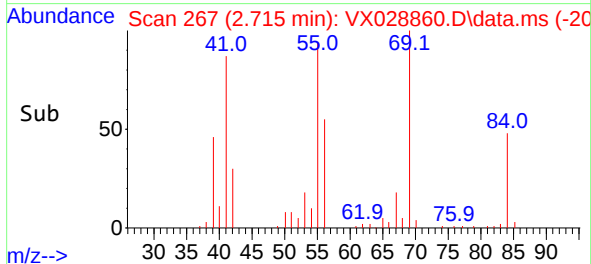
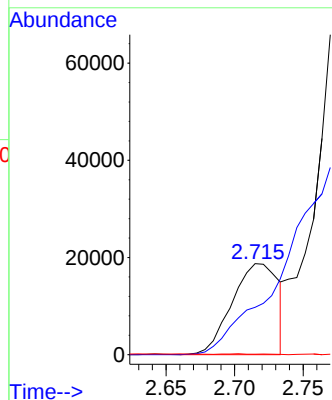
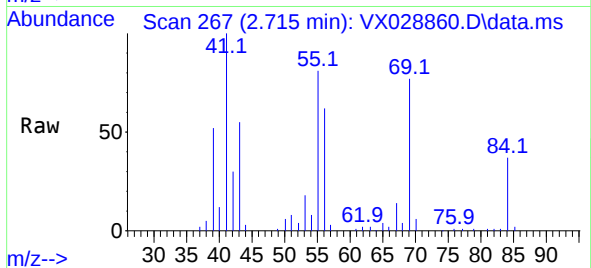




#14
 Allyl chloride
 Concen: 10.415 ug/l
 RT: 2.715 min Scan# 2
 Delta R.T. 0.055 min
 Lab File: VX028860.D
 Acq: 20 May 2022 18:53

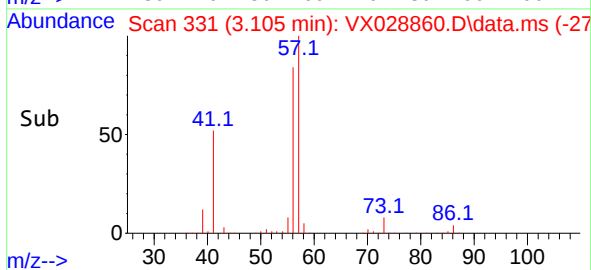
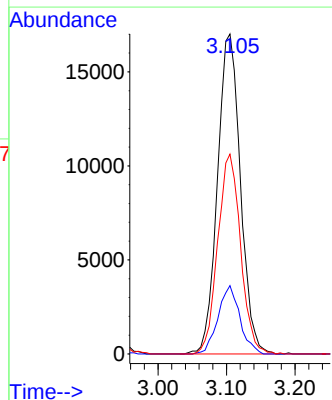
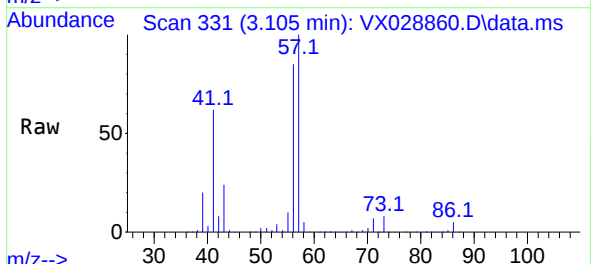
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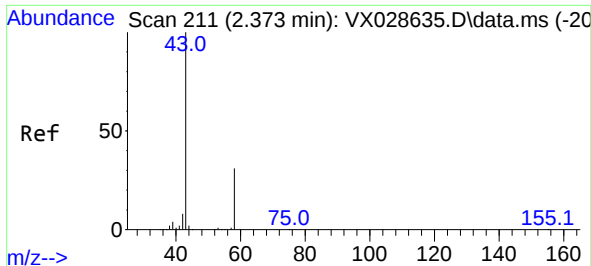
Tgt Ion: 41 Resp: 44033
 Ion Ratio Lower Upper
 41 100
 39 0.0 50.4 75.6#
 76 0.2 32.7 49.1#



#15
 Acrylonitrile
 Concen: 23.490 ug/l
 RT: 3.105 min Scan# 331
 Delta R.T. 0.043 min
 Lab File: VX028860.D
 Acq: 20 May 2022 18:53

Tgt Ion: 53 Resp: 39515
 Ion Ratio Lower Upper
 53 100
 52 20.4 65.7 98.5#
 51 62.2 28.4 42.6#

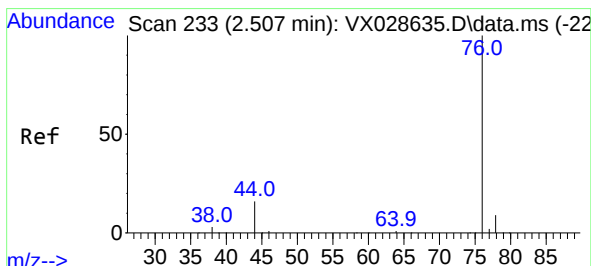
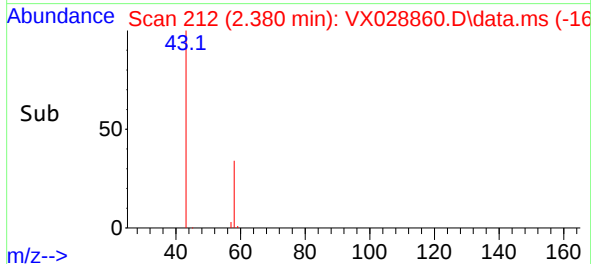
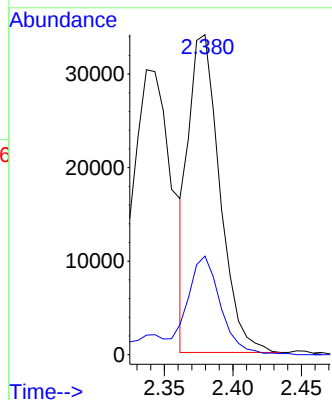
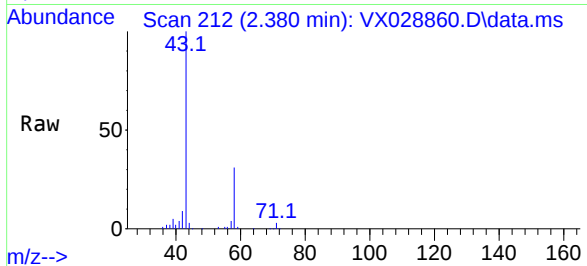




#16
Acetone
Concen: 35.728 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028860.D
Acq: 20 May 2022 18:53

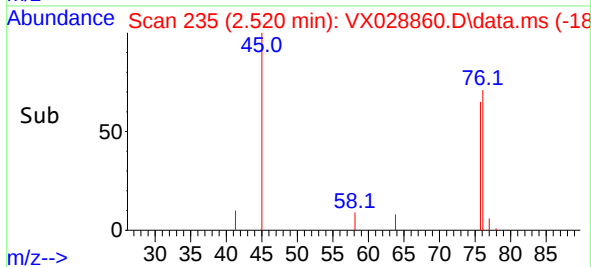
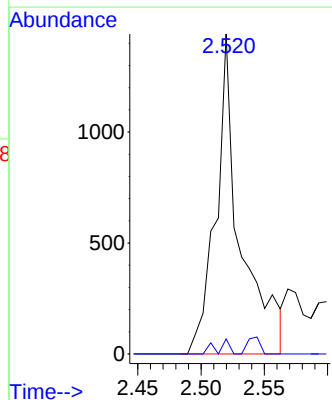
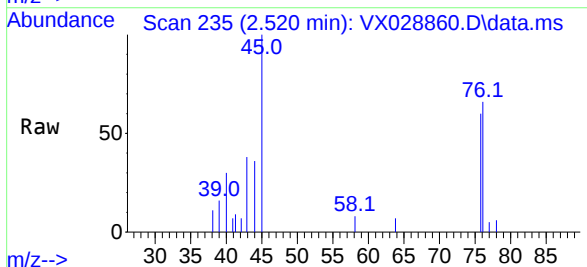
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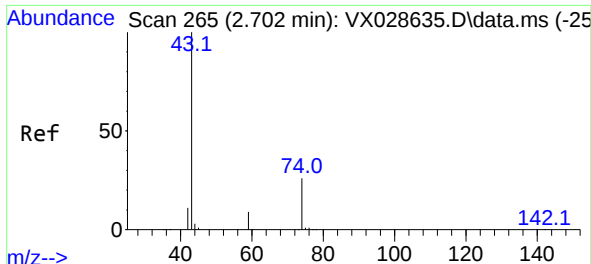
Tgt Ion: 43 Resp: 53536
Ion Ratio Lower Upper
43 100
58 30.7 28.8 43.2



#17
Carbon Disulfide
Concen: 0.282 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.013 min
Lab File: VX028860.D
Acq: 20 May 2022 18:53

Tgt Ion: 76 Resp: 1927
Ion Ratio Lower Upper
76 100
78 4.7 7.2 10.8#





#18

Methyl Acetate

Concen: 115.331 ug/l

RT: 2.782 min Scan# 21

Delta R.T. 0.080 min

Lab File: VX028860.D

Acq: 20 May 2022 18:53

Instrument :

MSVOA_X

ClientSampleId :

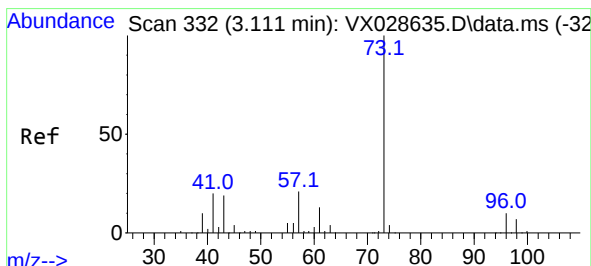
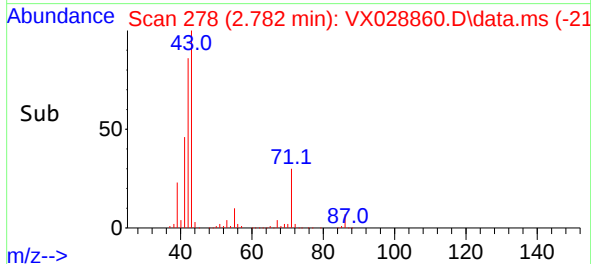
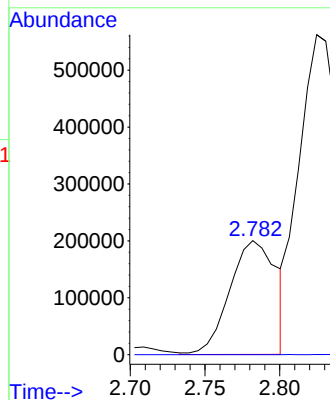
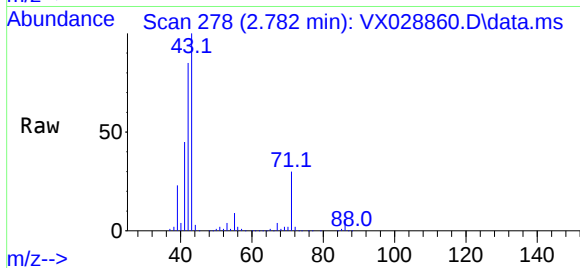
DUP051822

Tgt Ion: 43 Resp: 432838

Ion Ratio Lower Upper

43 100

74 0.0 22.8 34.2#



#19

Methyl tert-butyl Ether

Concen: 10.828 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.000 min

Lab File: VX028860.D

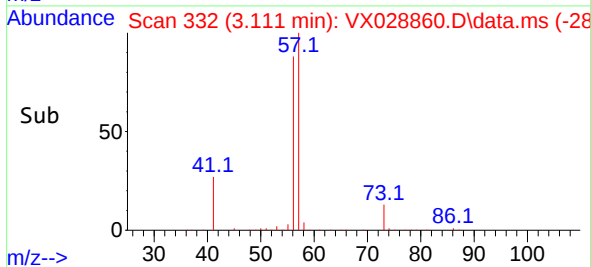
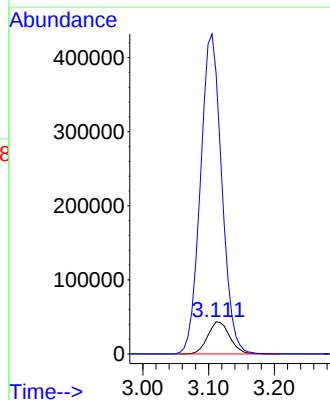
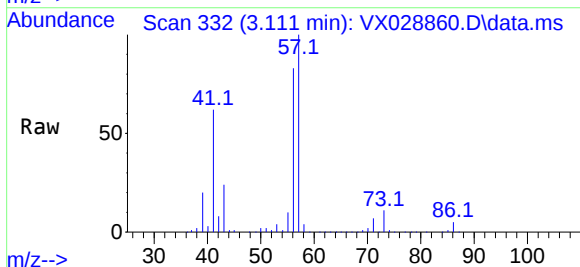
Acq: 20 May 2022 18:53

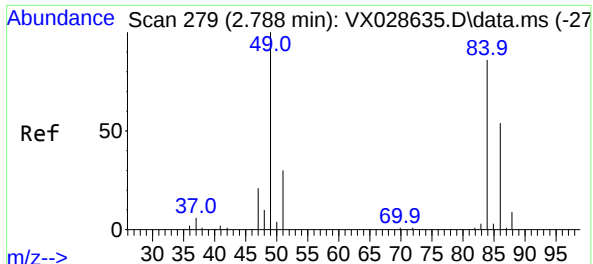
Tgt Ion: 73 Resp: 101288

Ion Ratio Lower Upper

73 100

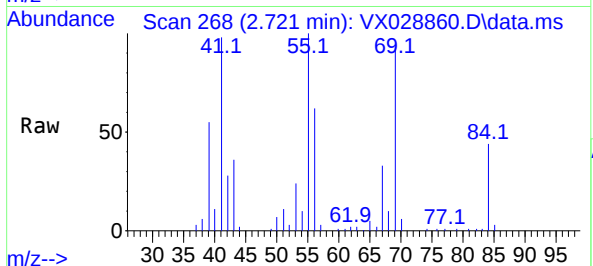
57 873.3 16.8 25.2#





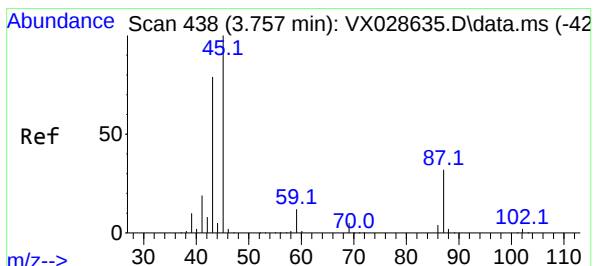
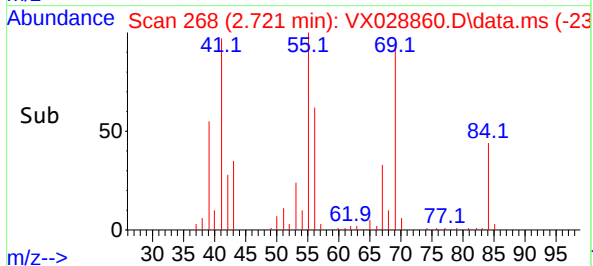
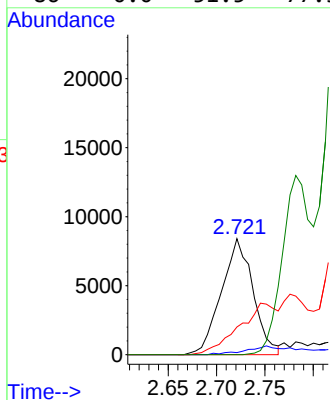
#20
Methylene Chloride
Concen: 6.119 ug/l
RT: 2.721 min Scan# 21
Delta R.T. -0.067 min
Lab File: VX028860.D
Acq: 20 May 2022 18:53

Instrument :
MSVOA_X
ClientSampleId :
DUP051822



Tgt Ion: 84 Resp: 19237

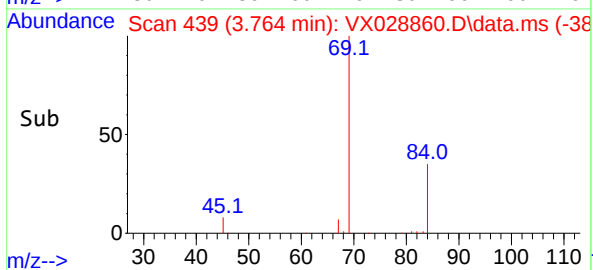
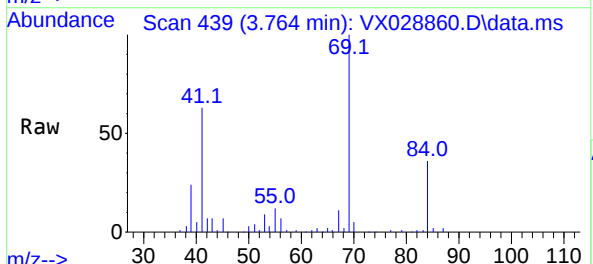
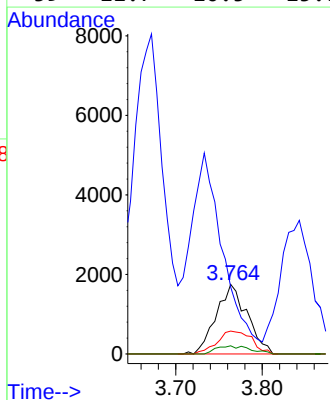
Ion	Ratio	Lower	Upper
84	100		
49	1.9	85.5	128.3#
51	23.9	26.6	39.8#
86	0.0	51.5	77.3#

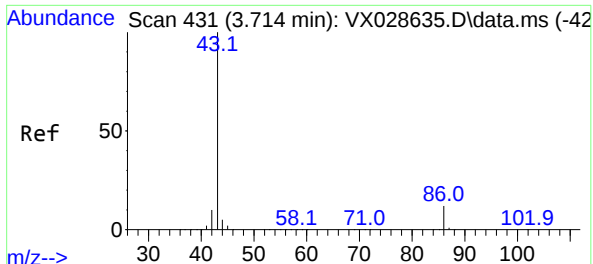


#22
Diisopropyl ether
Concen: 0.481 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX028860.D
Acq: 20 May 2022 18:53

Tgt Ion: 45 Resp: 4343

Ion	Ratio	Lower	Upper
45	100		
43	8.9	50.8	76.2#
87	32.8	26.6	39.8
59	11.7	10.5	15.7

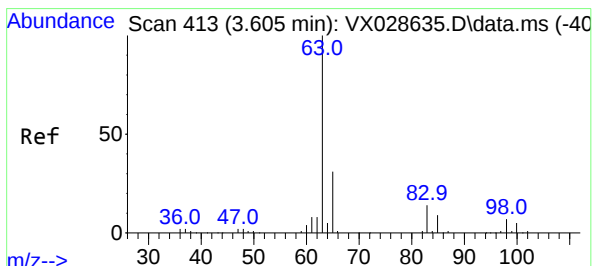
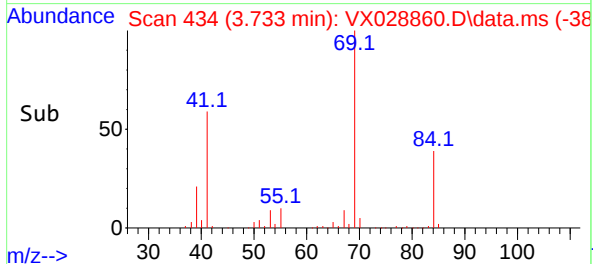
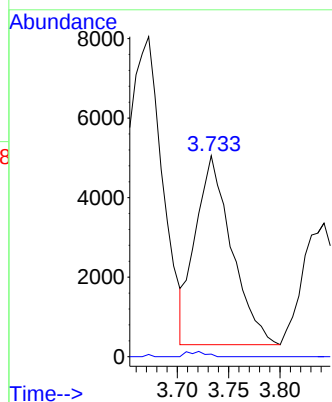
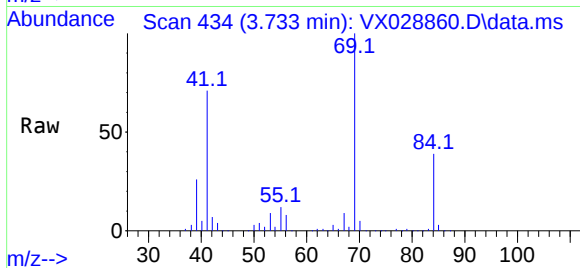




#23
 Vinyl Acetate
 Concen: 1.496 ug/l
 RT: 3.733 min Scan# 411
 Delta R.T. 0.019 min
 Lab File: VX028860.D
 Acq: 20 May 2022 18:53

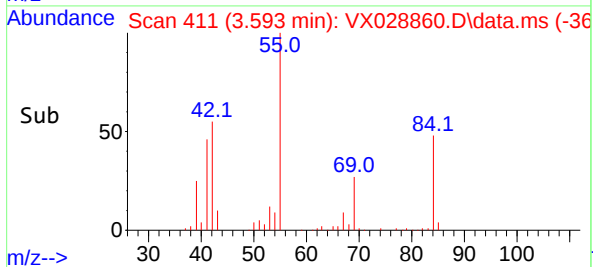
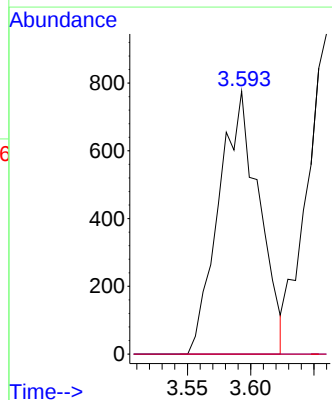
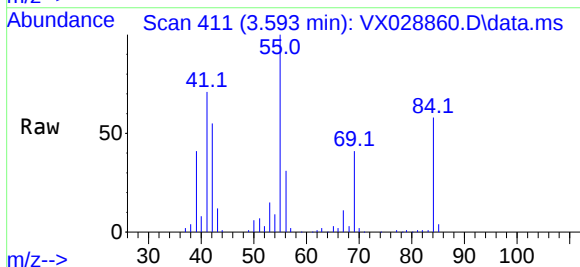
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP051822

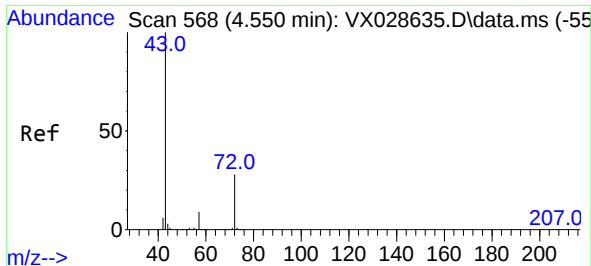
Tgt Ion: 43 Resp: 11652
 Ion Ratio Lower Upper
 43 100
 86 1.3 10.8 16.2#



#24
 1,1-Dichloroethane
 Concen: 0.328 ug/l
 RT: 3.593 min Scan# 411
 Delta R.T. -0.012 min
 Lab File: VX028860.D
 Acq: 20 May 2022 18:53

Tgt Ion: 63 Resp: 1721
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.9 11.7#
 100 0.0 2.4 7.2#

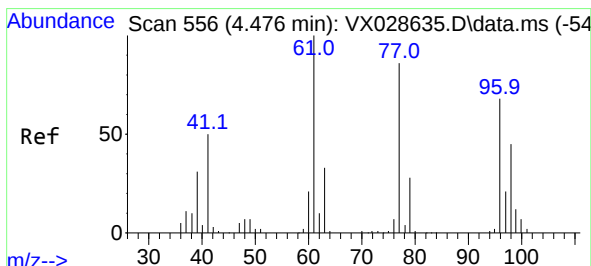
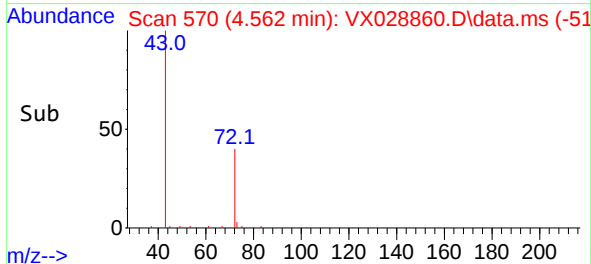
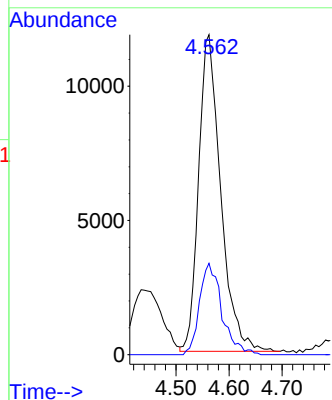
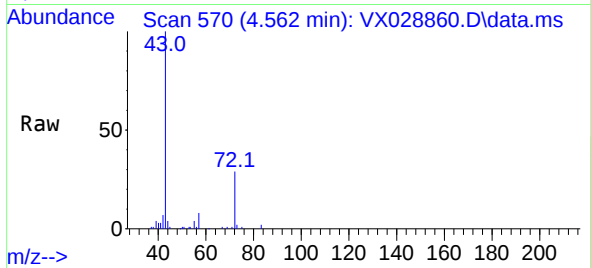




#25
2-Butanone
Concen: 14.500 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX028860.D
Acq: 20 May 2022 18:53

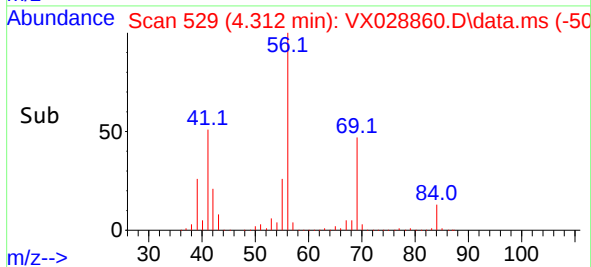
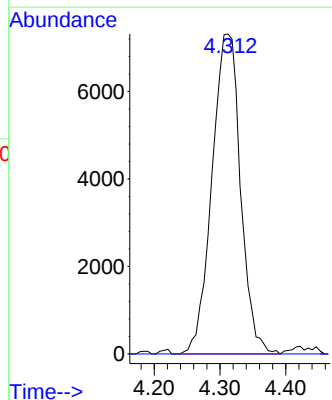
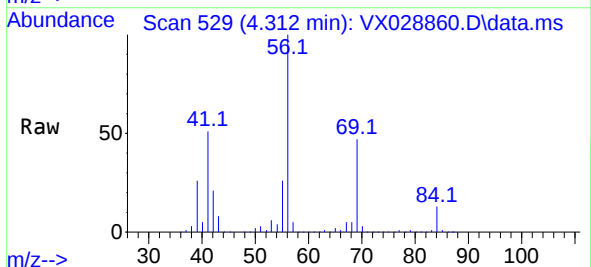
Instrument :
MSVOA_X
ClientSampleId :
DUP051822

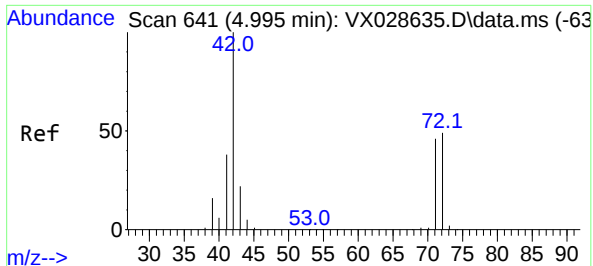
Tgt Ion: 43 Resp: 34106
Ion Ratio Lower Upper
43 100
72 28.8 24.4 36.6



#26
2,2-Dichloropropane
Concen: 5.368 ug/l
RT: 4.312 min Scan# 529
Delta R.T. -0.164 min
Lab File: VX028860.D
Acq: 20 May 2022 18:53

Tgt Ion: 77 Resp: 22109
Ion Ratio Lower Upper
77 100
97 0.0 11.8 35.4#





#29

Tetrahydrofuran

Concen: 1.973 ug/l

RT: 5.013 min Scan# 641

Delta R.T. 0.018 min

Lab File: VX028860.D

Acq: 20 May 2022 18:53

Instrument :

MSVOA_X

ClientSampleId :

DUP051822

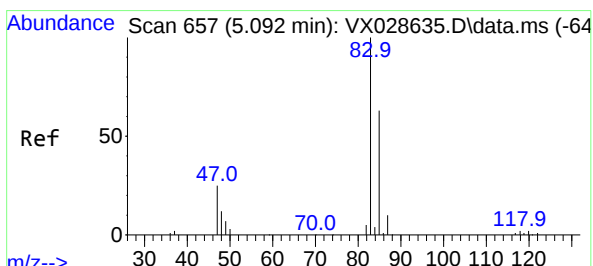
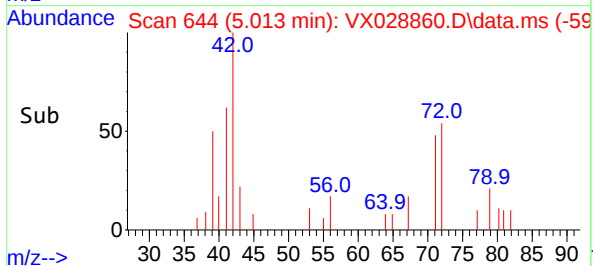
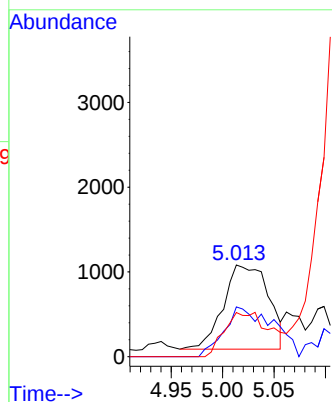
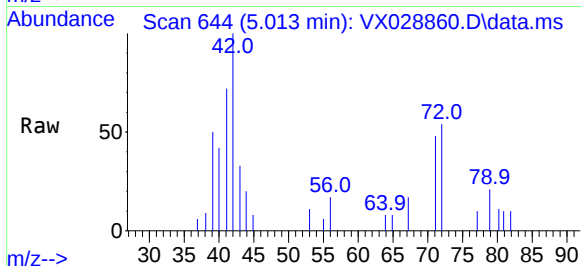
Tgt Ion: 42 Resp: 3017

Ion Ratio Lower Upper

42 100

72 64.3 44.1 66.1

71 55.2 40.5 60.7



#30

Chloroform

Concen: 4.007 ug/l

RT: 5.178 min Scan# 671

Delta R.T. 0.086 min

Lab File: VX028860.D

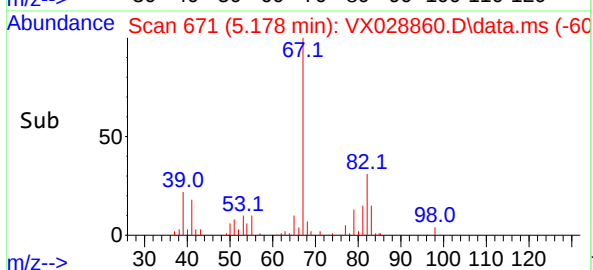
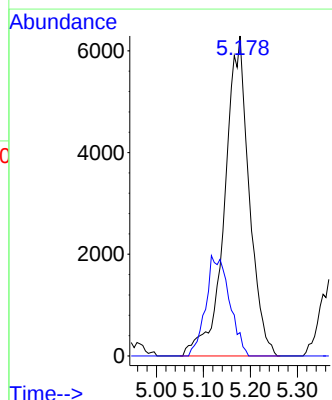
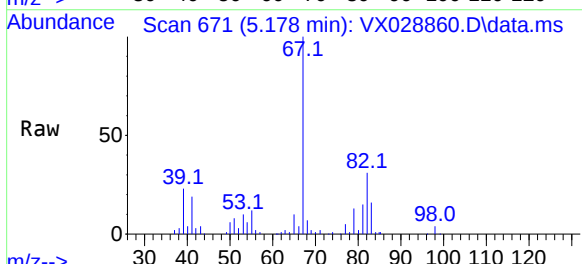
Acq: 20 May 2022 18:53

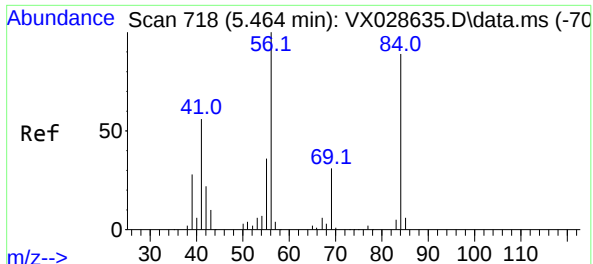
Tgt Ion: 83 Resp: 22781

Ion Ratio Lower Upper

83 100

85 7.3 52.7 79.1#

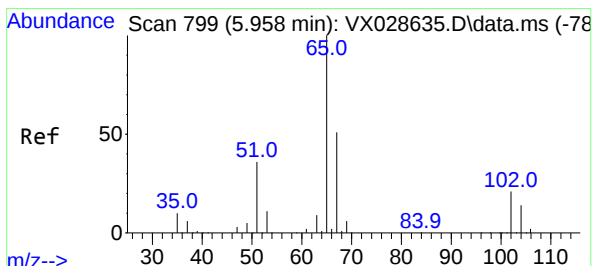
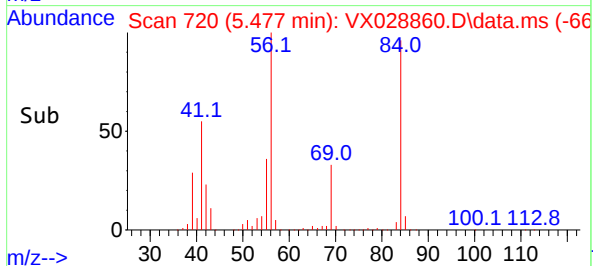
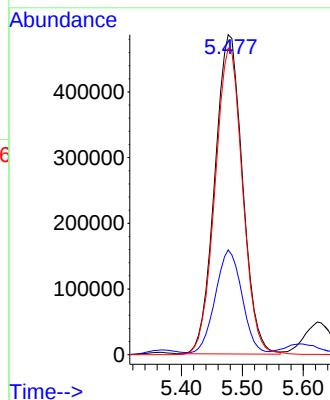
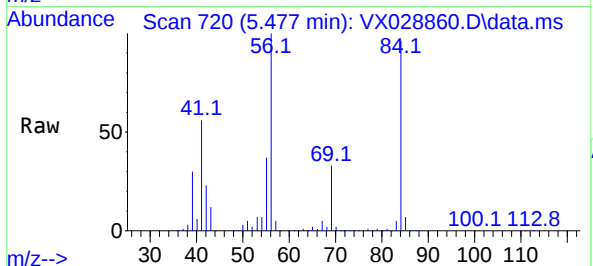




#31
Cyclohexane
Concen: 316.985 ug/l
RT: 5.477 min Scan# 718
Delta R.T. 0.013 min
Lab File: VX028860.D
Acq: 20 May 2022 18:53

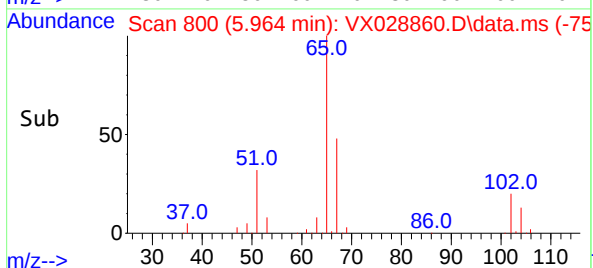
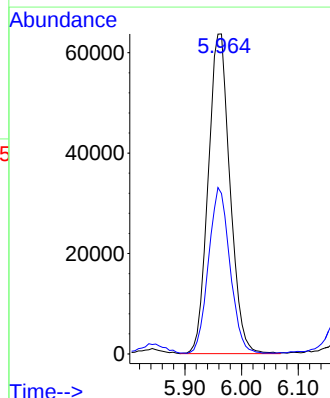
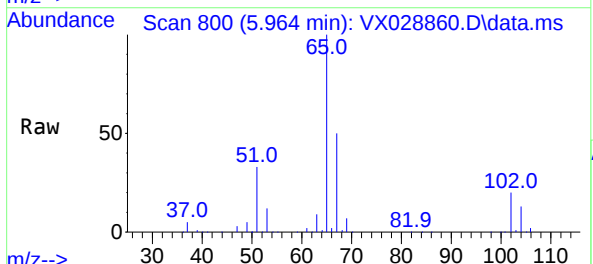
Instrument :
MSVOA_X
ClientSampleId :
DUP051822

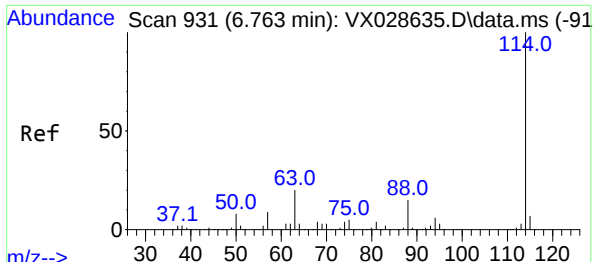
Tgt Ion: 56 Resp: 1536208
Ion Ratio Lower Upper
56 100
69 32.0 26.7 40.1
84 96.0 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 48.684 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX028860.D
Acq: 20 May 2022 18:53

Tgt Ion: 65 Resp: 169978
Ion Ratio Lower Upper
65 100
67 50.8 0.0 107.4

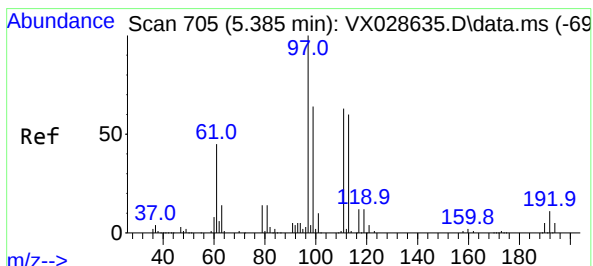
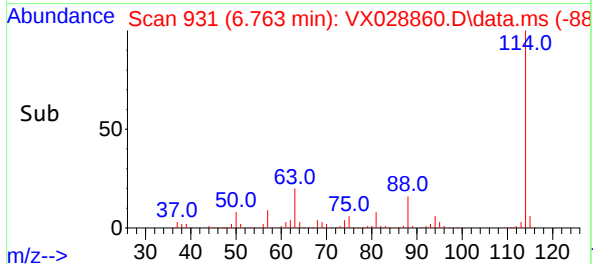
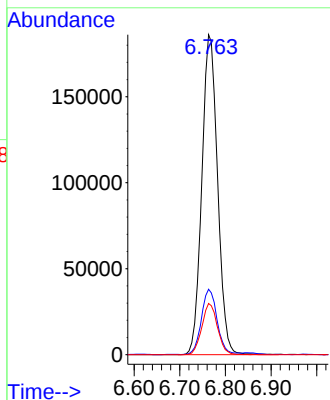
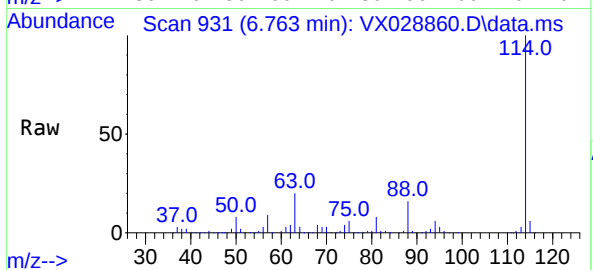




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028860.D
Acq: 20 May 2022 18:53

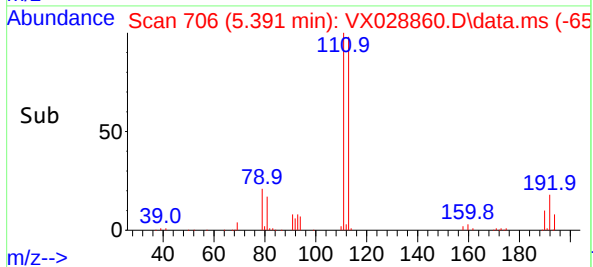
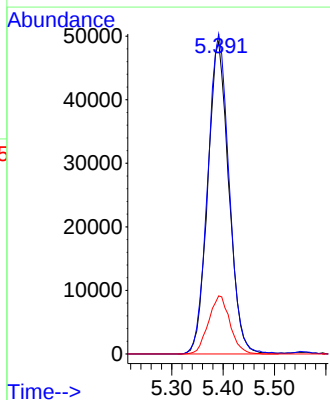
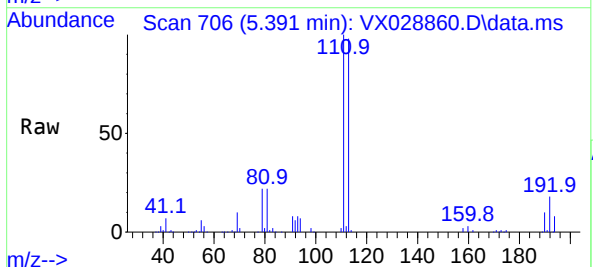
Instrument :
MSVOA_X
ClientSampleId :
DUP051822

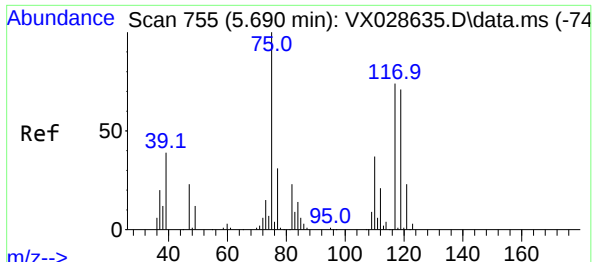
Tgt Ion:114 Resp: 446172
Ion Ratio Lower Upper
114 100
63 20.3 0.0 36.8
88 16.0 0.0 32.4



#35
Dibromofluoromethane
Concen: 47.667 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028860.D
Acq: 20 May 2022 18:53

Tgt Ion:113 Resp: 139343
Ion Ratio Lower Upper
113 100
111 104.2 82.8 124.2
192 19.0 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.776 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX028860.D

Acq: 20 May 2022 18:53

Instrument :

MSVOA_X

ClientSampleId :

DUP051822

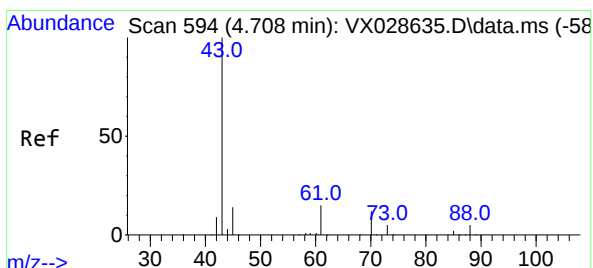
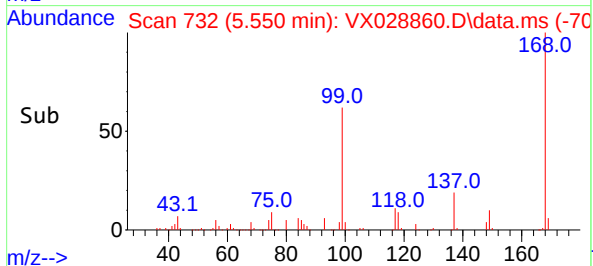
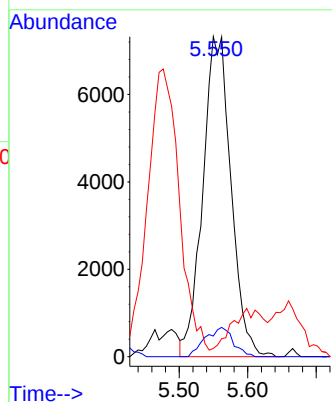
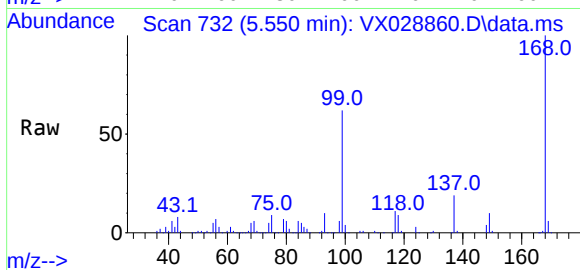
Tgt Ion: 75 Resp: 20969

Ion Ratio Lower Upper

75 100

110 9.1 18.3 54.8#

77 0.0 24.8 37.2#



#37

Ethyl Acetate

Concen: 0.485 ug/l

RT: 4.794 min Scan# 608

Delta R.T. 0.086 min

Lab File: VX028860.D

Acq: 20 May 2022 18:53

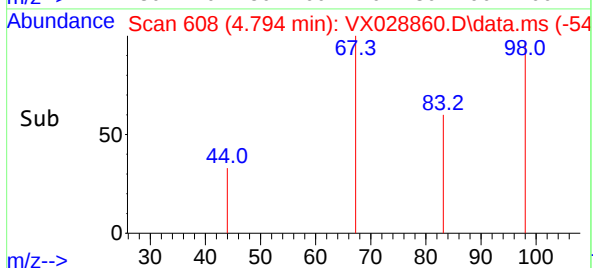
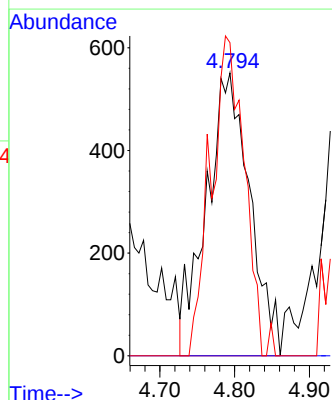
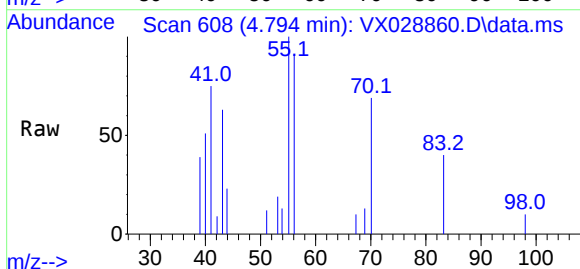
Tgt Ion: 43 Resp: 2222

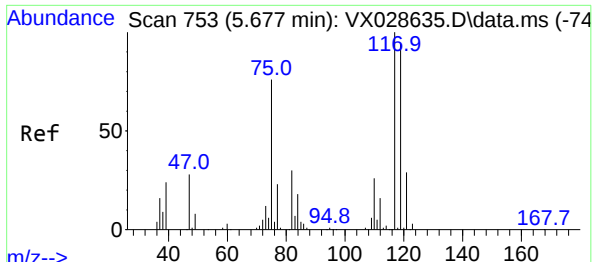
Ion Ratio Lower Upper

43 100

61 0.0 12.6 19.0#

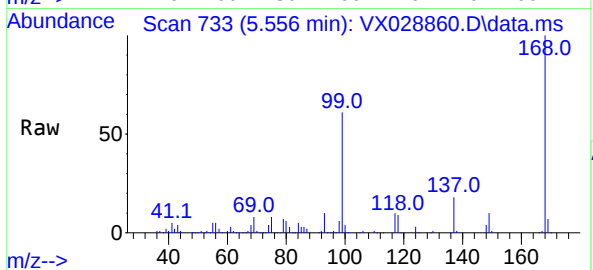
70 86.3 10.2 15.2#



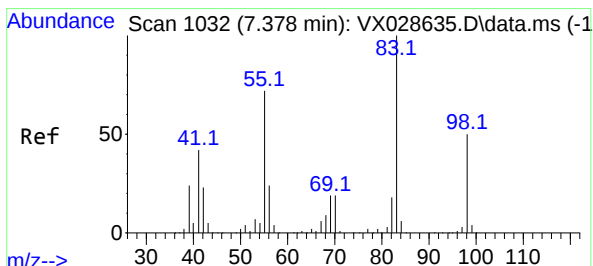
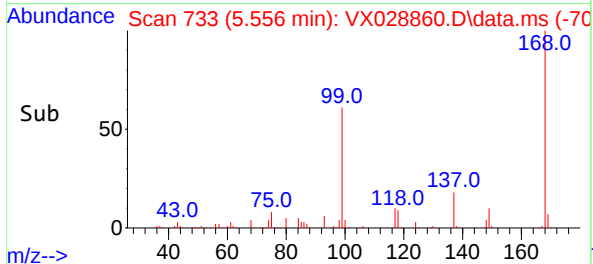
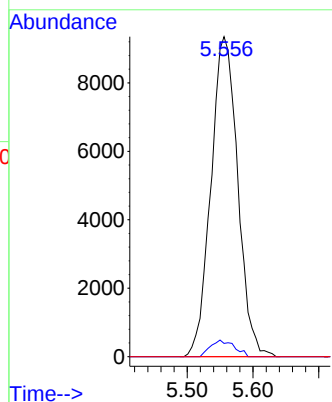


#38
Carbon Tetrachloride
Concen: 6.006 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX028860.D
Acq: 20 May 2022 18:53

Instrument :
MSVOA_X
ClientSampleId :
DUP051822

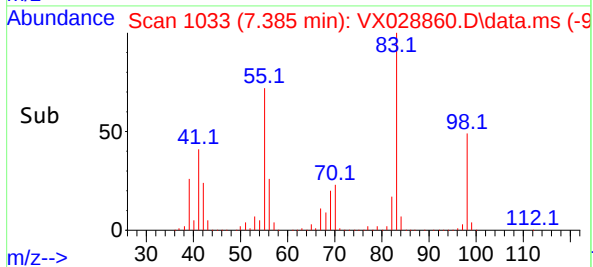
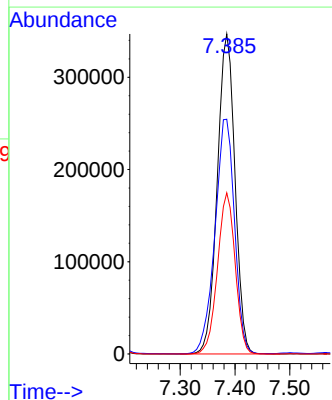
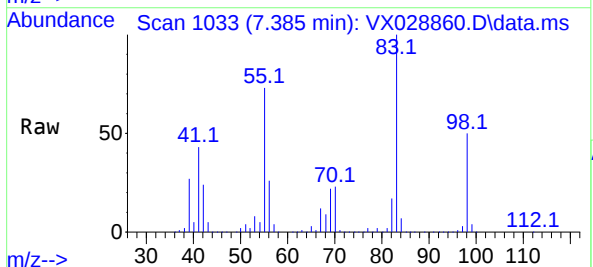


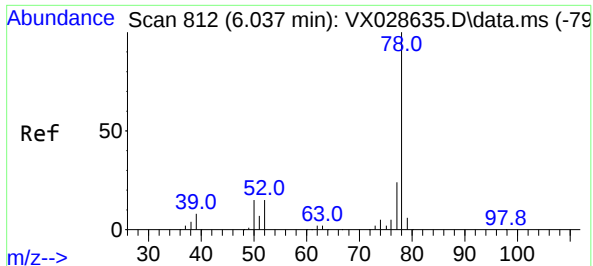
Tgt Ion:117 Resp: 26539
Ion Ratio Lower Upper
117 100
119 4.1 77.3 115.9#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 154.553 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.007 min
Lab File: VX028860.D
Acq: 20 May 2022 18:53

Tgt Ion: 83 Resp: 778215
Ion Ratio Lower Upper
83 100
55 73.3 54.6 81.8
98 50.3 37.4 56.2

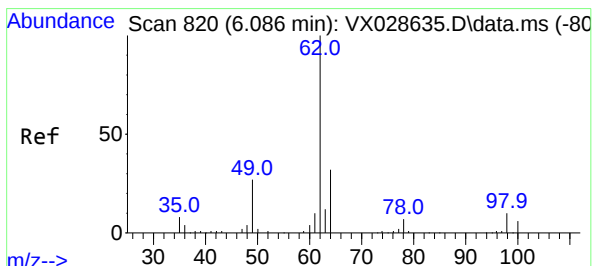
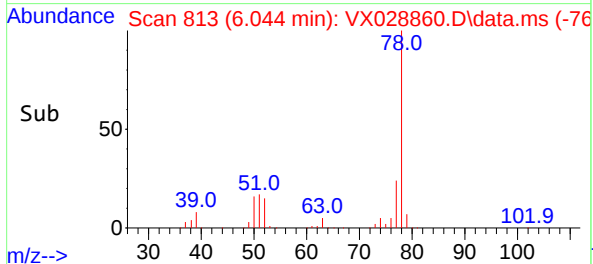
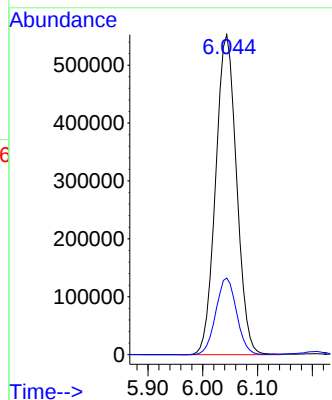
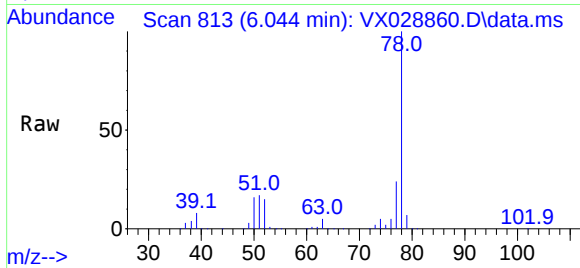




#40
Benzene
Concen: 116.132 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.007 min
Lab File: VX028860.D
Acq: 20 May 2022 18:53

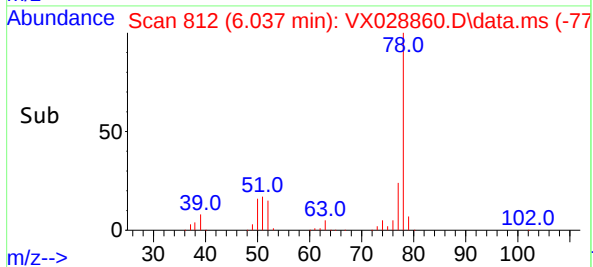
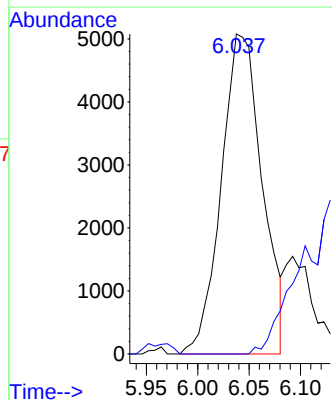
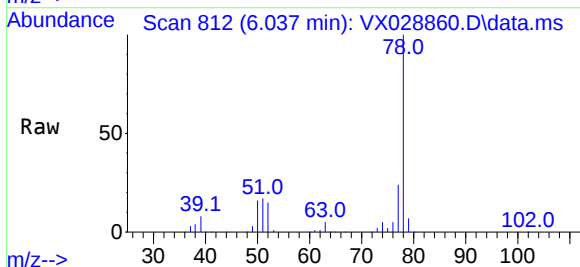
Instrument :
MSVOA_X
ClientSampleId :
DUP051822

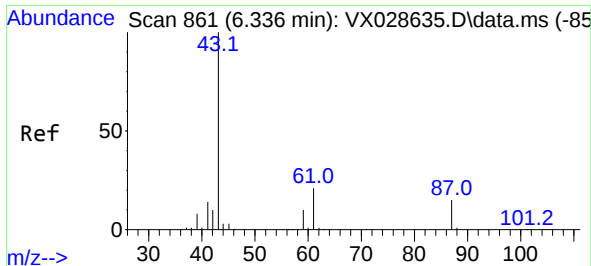
Tgt Ion: 78 Resp: 1465439
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9



#42
1,2-Dichloroethane
Concen: 3.025 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.049 min
Lab File: VX028860.D
Acq: 20 May 2022 18:53

Tgt Ion: 62 Resp: 14079
Ion Ratio Lower Upper
62 100
98 0.0 0.0 20.4

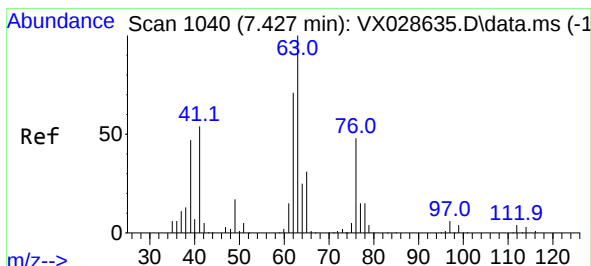
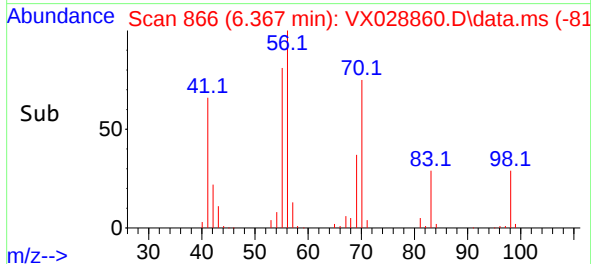
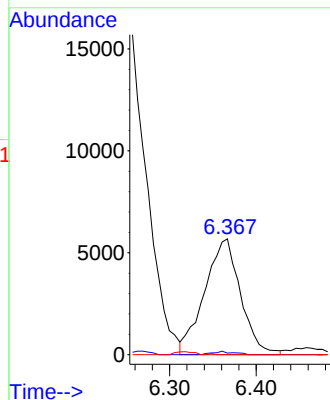
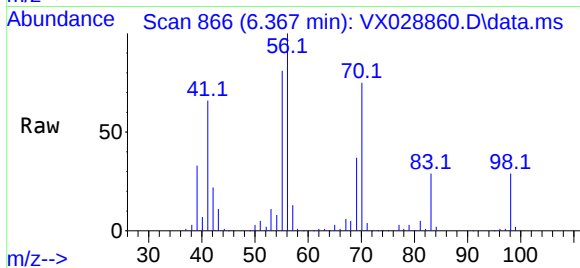




#43
Isopropyl Acetate
Concen: 2.281 ug/l
RT: 6.367 min Scan# 80
Delta R.T. 0.031 min
Lab File: VX028860.D
Acq: 20 May 2022 18:53

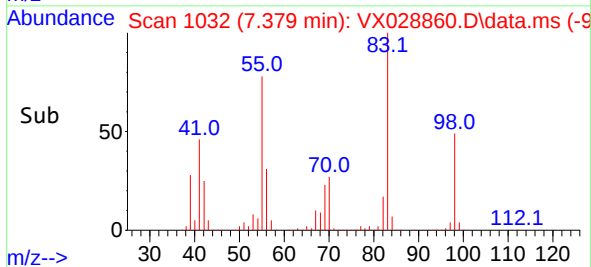
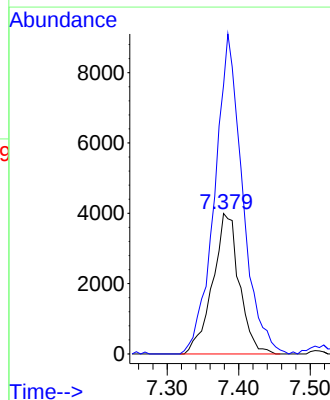
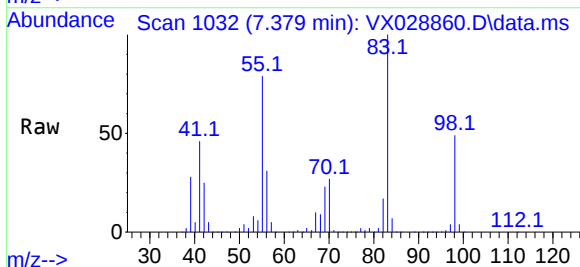
Instrument :
MSVOA_X
ClientSampleId :
DUP051822

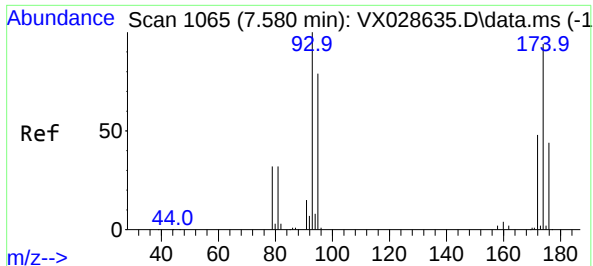
Tgt Ion: 43 Resp: 16365
Ion Ratio Lower Upper
43 100
61 1.7 18.5 27.7#
87 0.1 13.0 19.6#



#45
1,2-Dichloropropane
Concen: 3.278 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.048 min
Lab File: VX028860.D
Acq: 20 May 2022 18:53

Tgt Ion: 63 Resp: 10320
Ion Ratio Lower Upper
63 100
65 191.2 25.8 38.6#

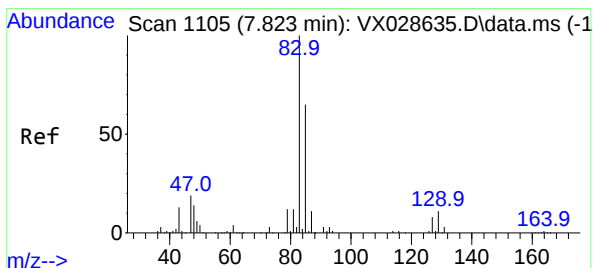
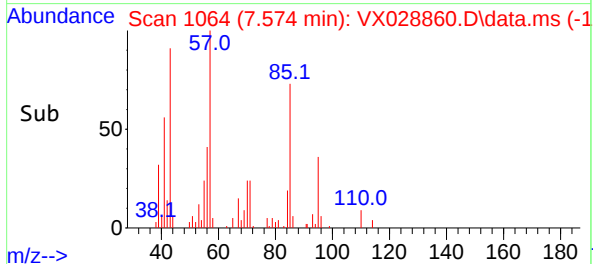
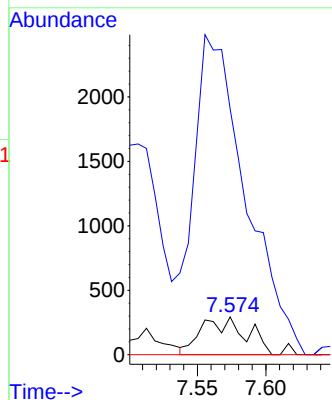
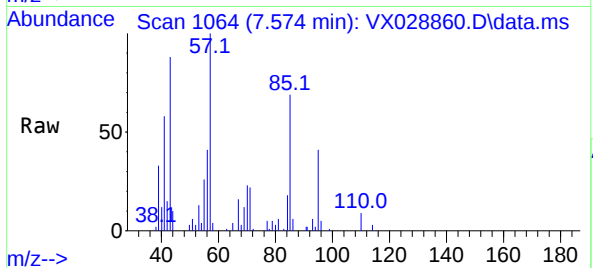




#46
Dibromomethane
Concen: 0.280 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX028860.D
Acq: 20 May 2022 18:53

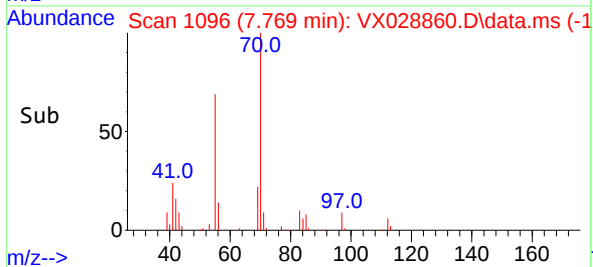
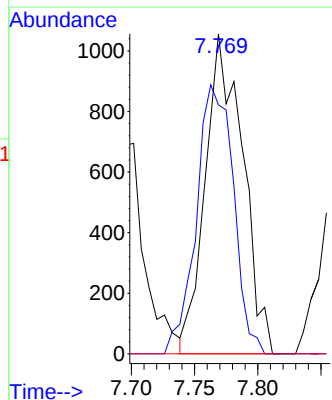
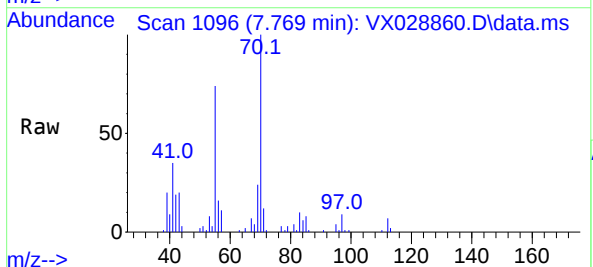
Instrument :
MSVOA_X
ClientSampleId :
DUP051822

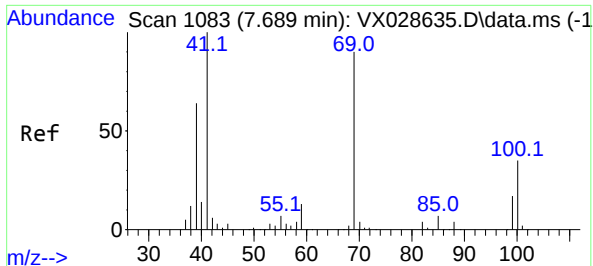
Tgt Ion: 93 Resp: 658
Ion Ratio Lower Upper
93 100
95 1011.6 65.8 98.6#
174 0.0 85.4 128.2#



#47
Bromodichloromethane
Concen: 0.496 ug/l
RT: 7.769 min Scan# 1096
Delta R.T. -0.054 min
Lab File: VX028860.D
Acq: 20 May 2022 18:53

Tgt Ion: 83 Resp: 2165
Ion Ratio Lower Upper
83 100
85 77.8 52.2 78.2
127 0.0 6.8 10.2#





#48

Methyl methacrylate

Concen: 16.326 ug/l

RT: 7.659 min Scan# 1083

Delta R.T. -0.030 min

Lab File: VX028860.D

Acq: 20 May 2022 18:53

Instrument :

MSVOA_X

ClientSampleId :

DUP051822

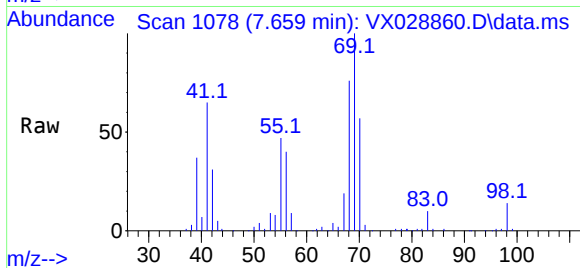
Tgt Ion: 41 Resp: 56582

Ion Ratio Lower Upper

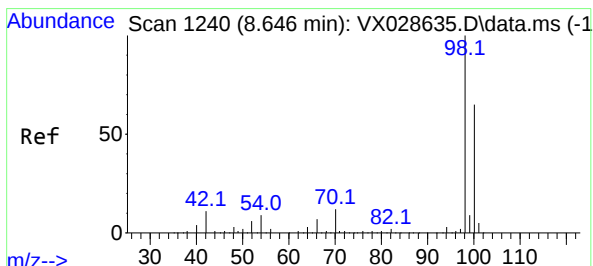
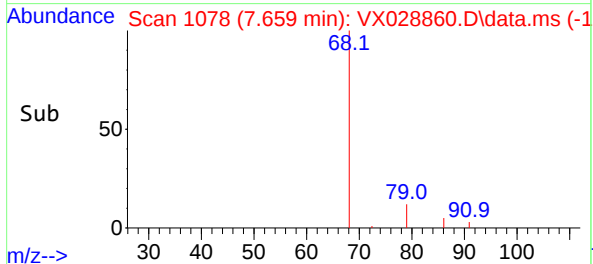
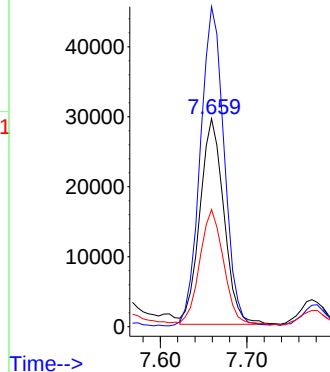
41 100

69 154.4 82.5 123.7#

39 55.8 43.8 65.8



Abundance



#50

Toluene-d8

Concen: 48.934 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.007 min

Lab File: VX028860.D

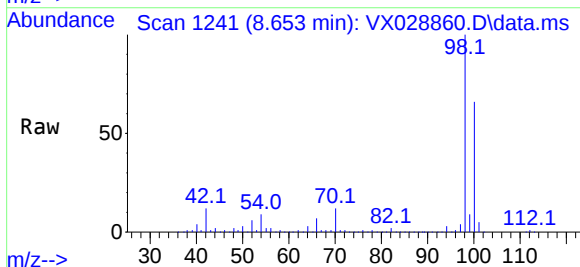
Acq: 20 May 2022 18:53

Tgt Ion: 98 Resp: 539312

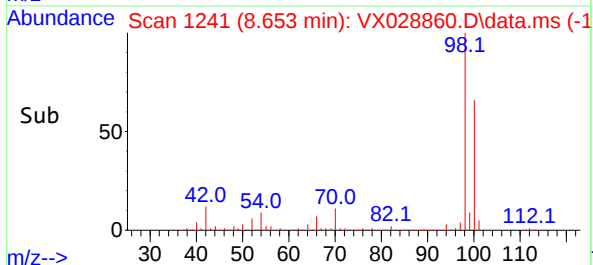
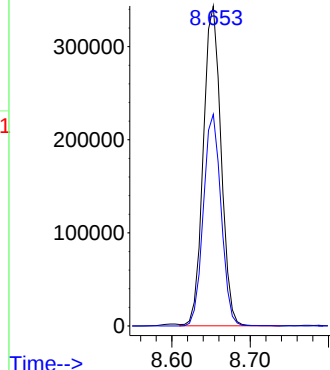
Ion Ratio Lower Upper

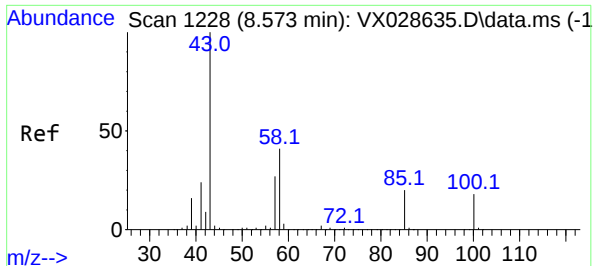
98 100

100 66.1 52.6 78.8



Abundance





#51

4-Methyl-2-Pentanone

Concen: 1.386 ug/l

RT: 8.604 min Scan# 11

Delta R.T. 0.031 min

Lab File: VX028860.D

Acq: 20 May 2022 18:53

Instrument :

MSVOA_X

ClientSampleId :

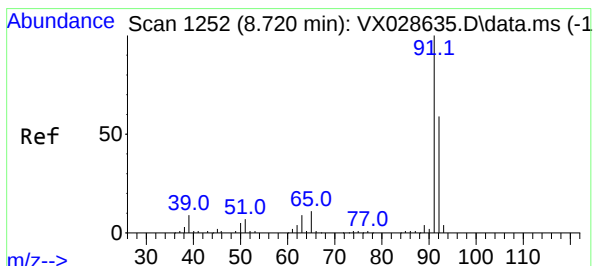
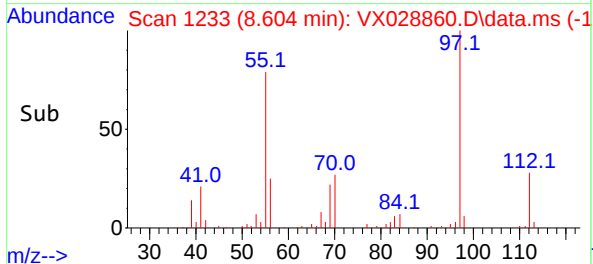
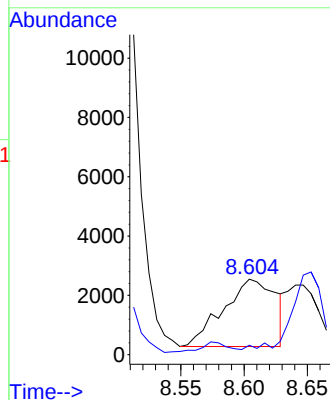
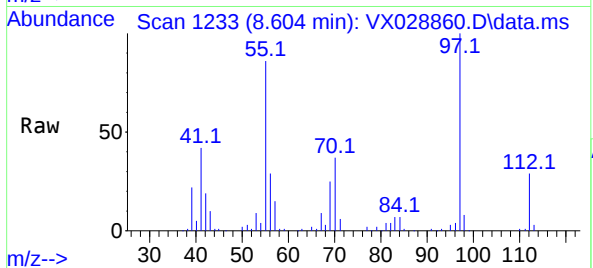
DUP051822

Tgt Ion: 43 Resp: 6549

Ion Ratio Lower Upper

43 100

58 0.0 36.1 54.1#



#52

Toluene

Concen: 165.958 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX028860.D

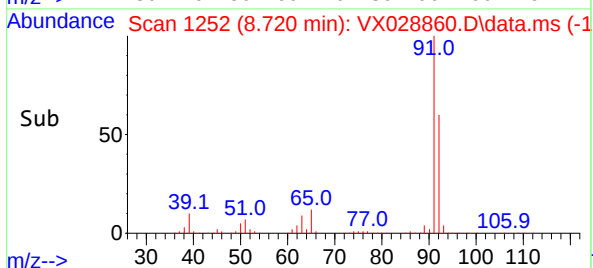
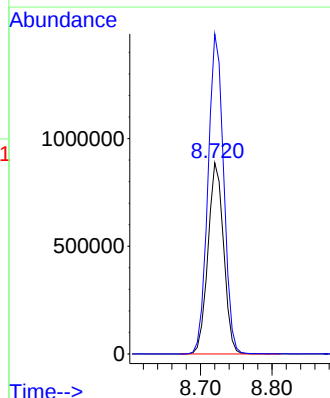
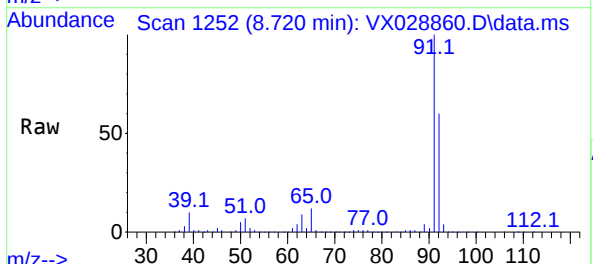
Acq: 20 May 2022 18:53

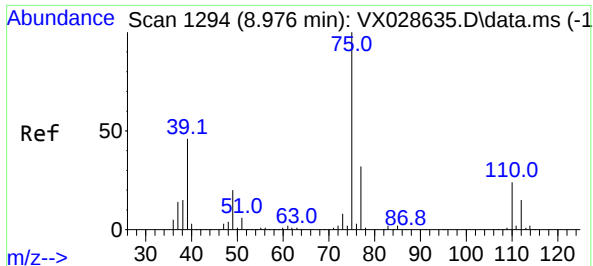
Tgt Ion: 92 Resp: 1347138

Ion Ratio Lower Upper

92 100

91 167.9 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 1.755 ug/l

RT: 8.836 min Scan# 11

Delta R.T. -0.140 min

Lab File: VX028860.D

Acq: 20 May 2022 18:53

Instrument :

MSVOA_X

ClientSampleId :

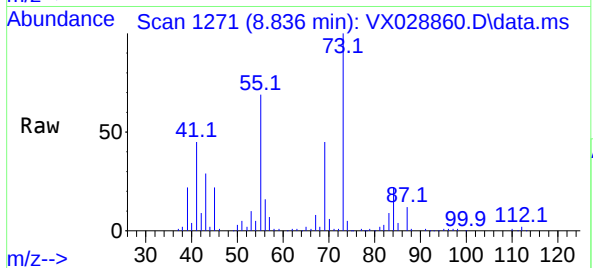
DUP051822

Tgt Ion: 75 Resp: 592

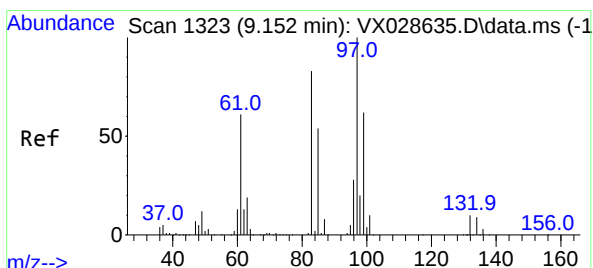
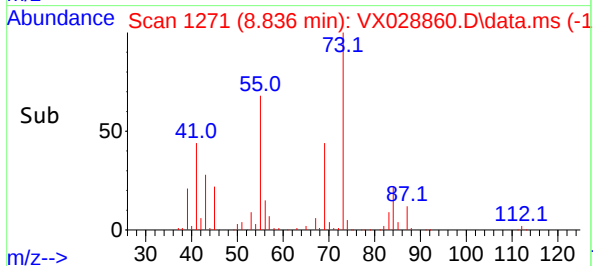
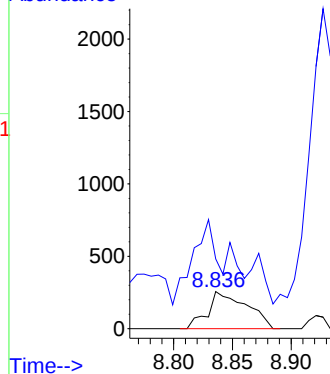
Ion Ratio Lower Upper

75 100

77 94.9 25.4 38.0#



Abundance



#55

1,1,2-Trichloroethane

Concen: 10.788 ug/l

RT: 9.104 min Scan# 1315

Delta R.T. -0.048 min

Lab File: VX028860.D

Acq: 20 May 2022 18:53

Tgt Ion: 97 Resp: 35708

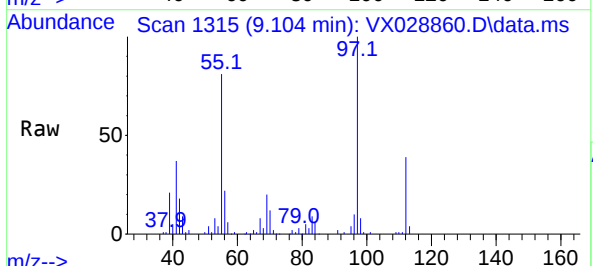
Ion Ratio Lower Upper

97 100

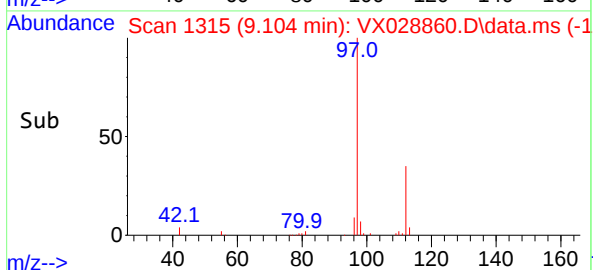
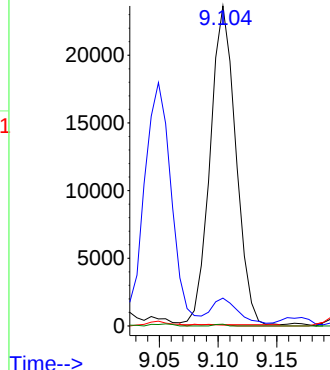
83 7.0 66.2 99.4#

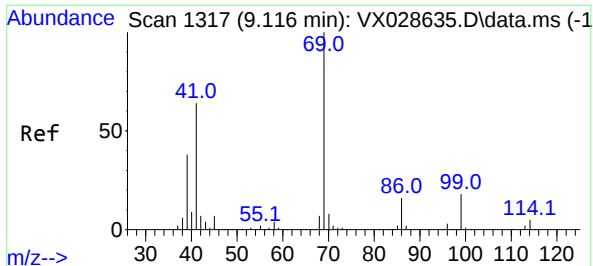
85 0.3 42.9 64.3#

99 0.5 49.0 73.6#



Abundance





#56

Ethyl methacrylate

Concen: 1.735 ug/l

RT: 9.104 min Scan# 1165

Delta R.T. -0.012 min

Lab File: VX028860.D

Acq: 20 May 2022 18:53

Instrument :

MSVOA_X

ClientSampleId :

DUP051822

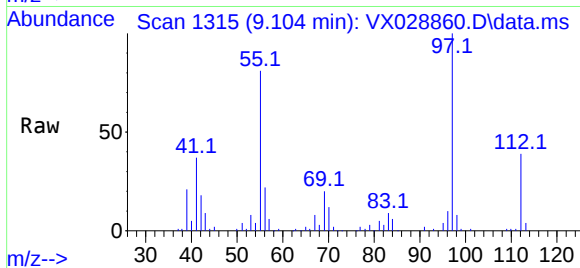
Tgt Ion: 69 Resp: 8697

Ion Ratio Lower Upper

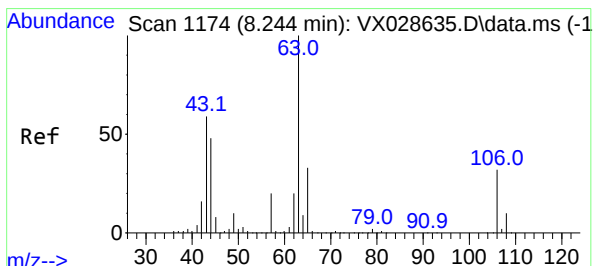
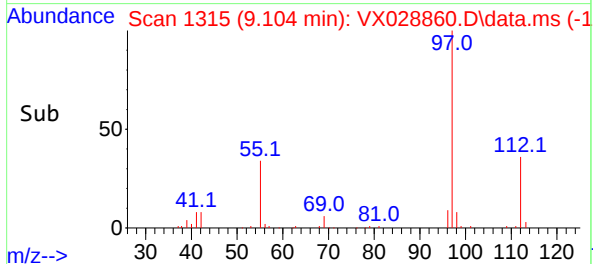
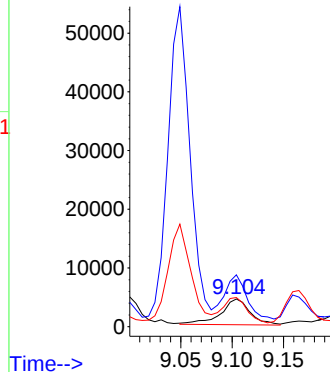
69 100

41 128.2 43.8 65.6#

39 80.9 22.2 33.2#



Abundance



#58

2-Chloroethyl Vinyl ether

Concen: 0.306 ug/l

RT: 8.190 min Scan# 1165

Delta R.T. -0.054 min

Lab File: VX028860.D

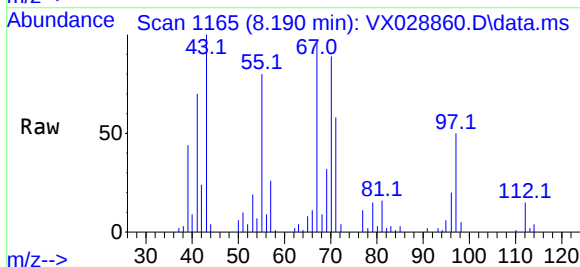
Acq: 20 May 2022 18:53

Tgt Ion: 63 Resp: 750

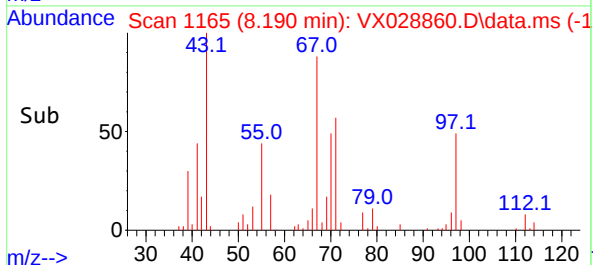
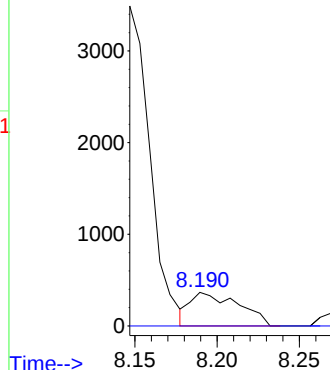
Ion Ratio Lower Upper

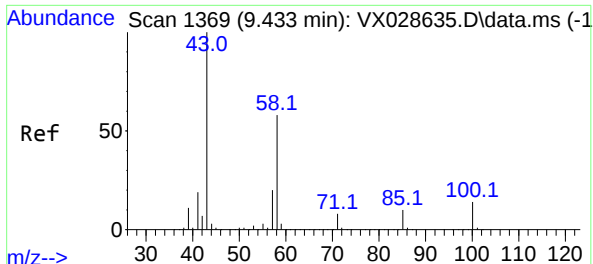
63 100

106 0.0 23.9 35.9#



Abundance

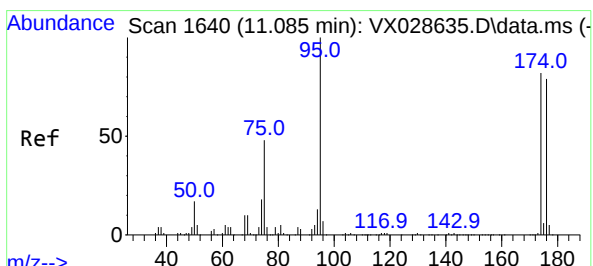
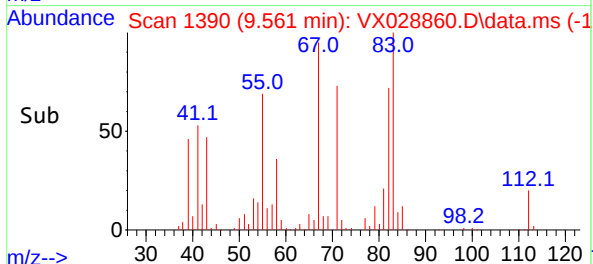
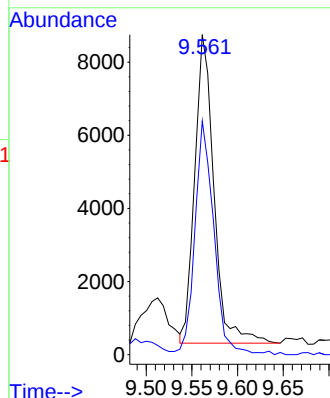
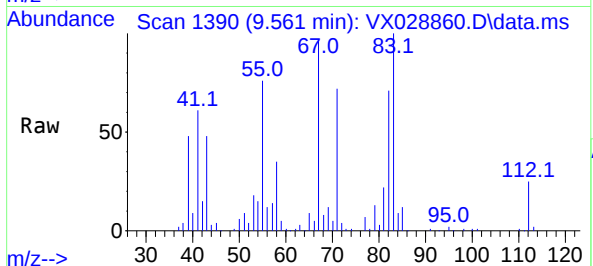




#59
2-Hexanone
Concen: 3.364 ug/l
RT: 9.561 min Scan# 11
Delta R.T. 0.128 min
Lab File: VX028860.D
Acq: 20 May 2022 18:53

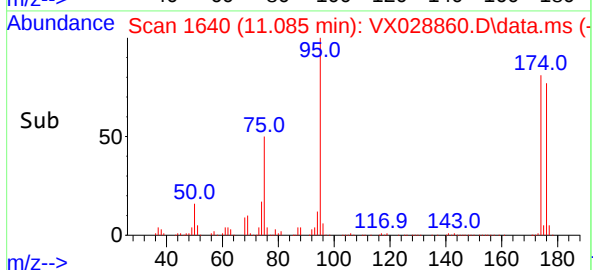
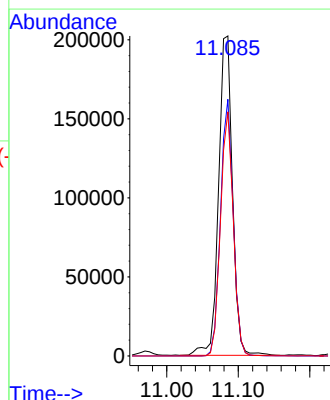
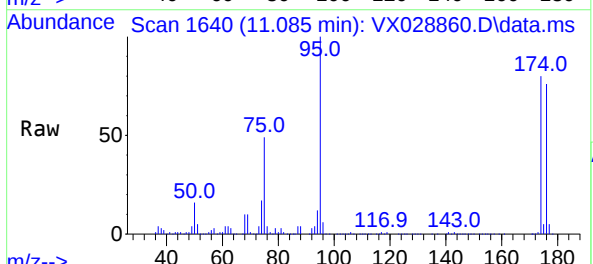
Instrument :
MSVOA_X
ClientSampleId :
DUP051822

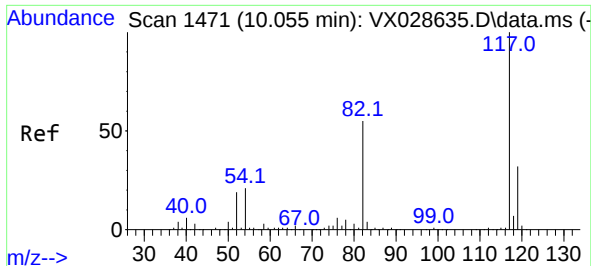
Tgt Ion: 43 Resp: 12351
Ion Ratio Lower Upper
43 100
58 72.7 31.9 95.7



#62
4-Bromofluorobenzene
Concen: 66.377 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX028860.D
Acq: 20 May 2022 18:53

Tgt Ion: 95 Resp: 273241
Ion Ratio Lower Upper
95 100
174 73.2 0.0 163.0
176 70.3 0.0 155.0

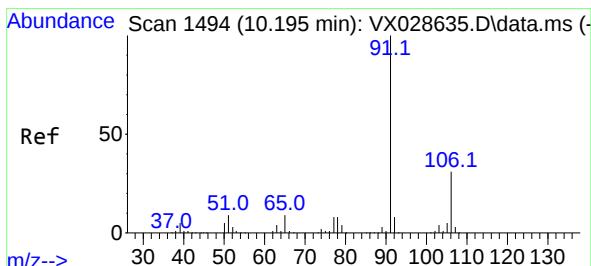
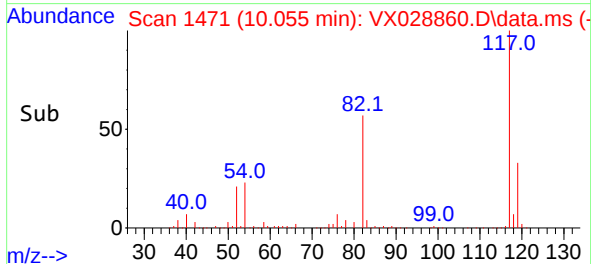
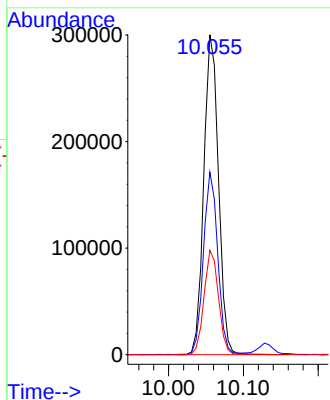
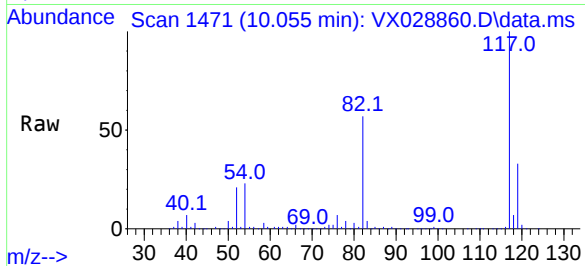




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028860.D
Acq: 20 May 2022 18:53

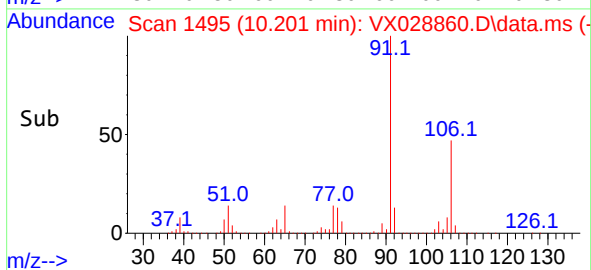
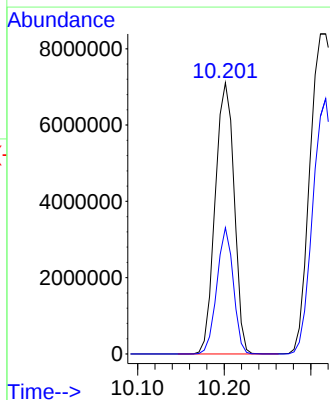
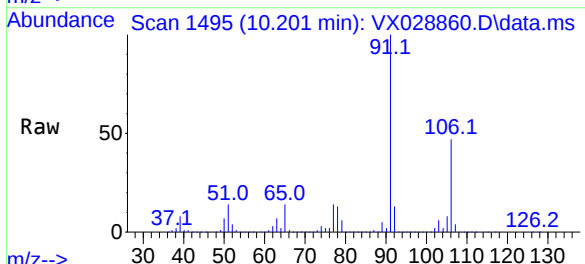
Instrument :
MSVOA_X
ClientSampleId :
DUP051822

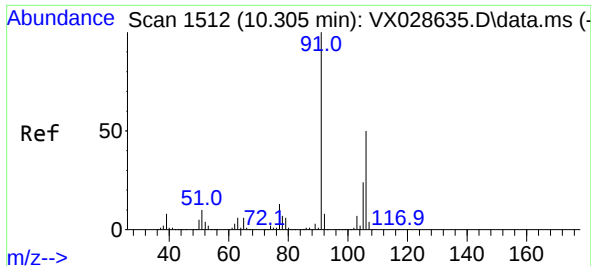
Tgt Ion:117 Resp: 408710
Ion Ratio Lower Upper
117 100
82 56.9 41.8 62.8
119 32.6 24.8 37.2



#67
Ethyl Benzene
Concen: 696.442 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX028860.D
Acq: 20 May 2022 18:53

Tgt Ion: 91 Resp:10823447
Ion Ratio Lower Upper
91 100
106 46.6 24.6 36.8#

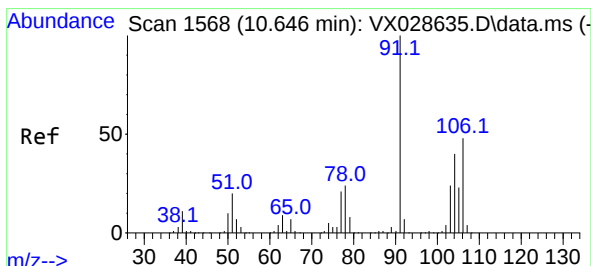
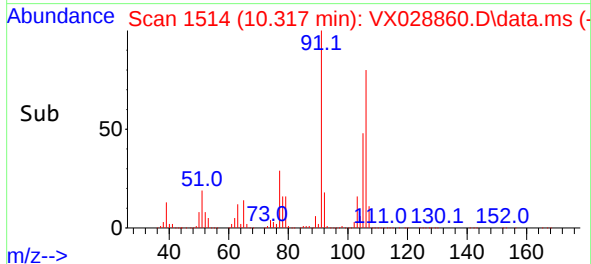
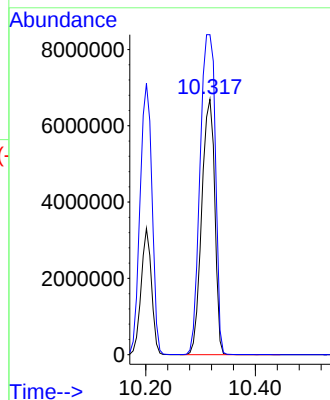
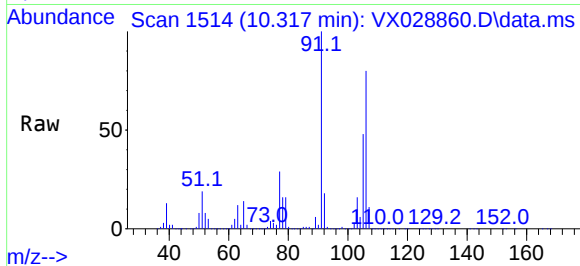




#68
m/p-Xylenes
Concen: 1823.408 ug/l
RT: 10.317 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX028860.D
Acq: 20 May 2022 18:53

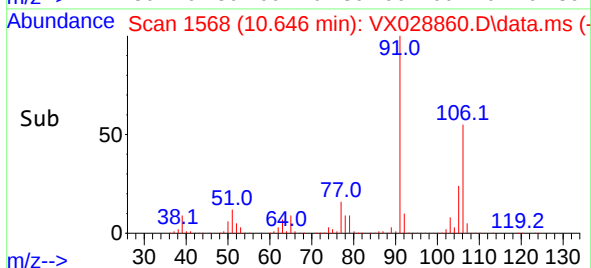
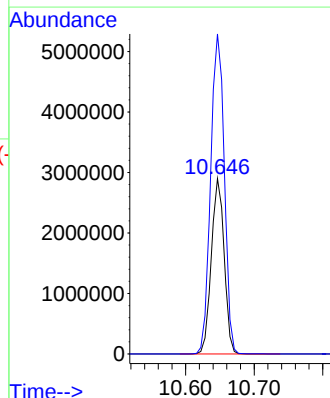
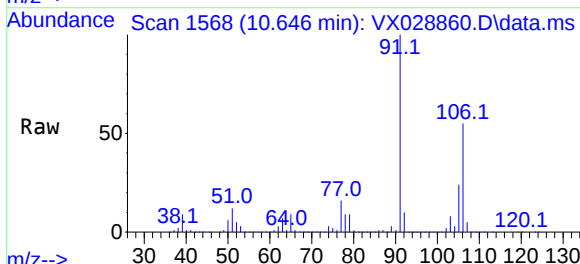
Instrument :
MSVOA_X
ClientSampleId :
DUP051822

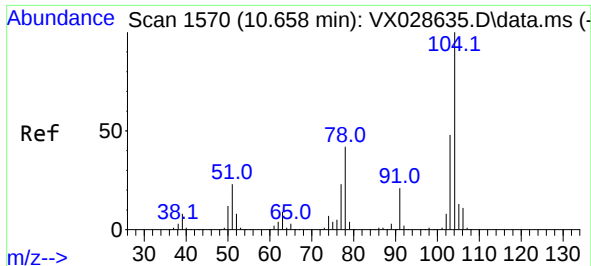
Tgt Ion:106 Resp:11032611
Ion Ratio Lower Upper
106 100
91 147.4 160.4 240.6#



#69
o-Xylene
Concen: 633.955 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX028860.D
Acq: 20 May 2022 18:53

Tgt Ion:106 Resp: 3776526
Ion Ratio Lower Upper
106 100
91 194.6 106.1 318.1

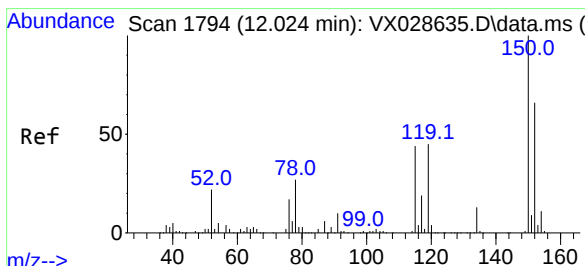
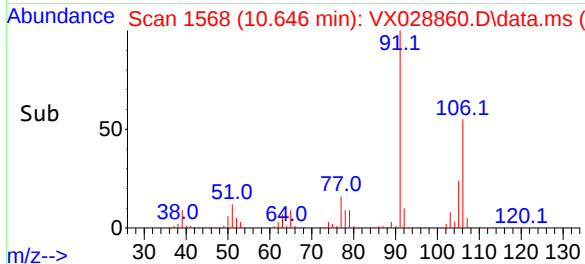
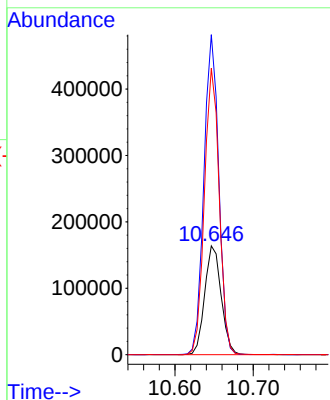
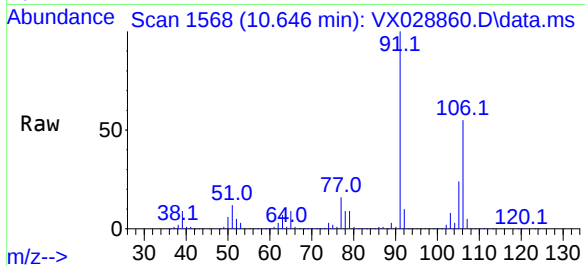




#70
Styrene
Concen: 24.752 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.012 min
Lab File: VX028860.D
Acq: 20 May 2022 18:53

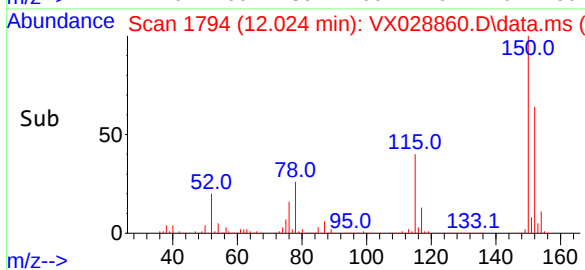
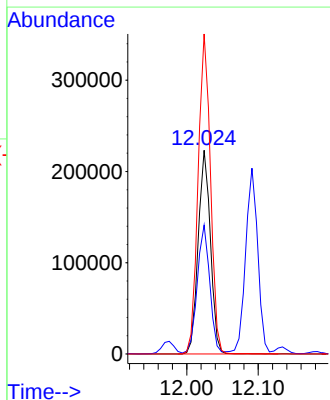
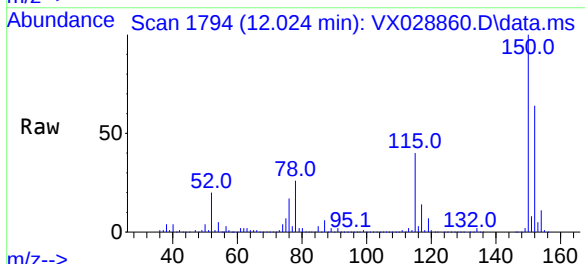
Instrument :
MSVOA_X
ClientSampleId :
DUP051822

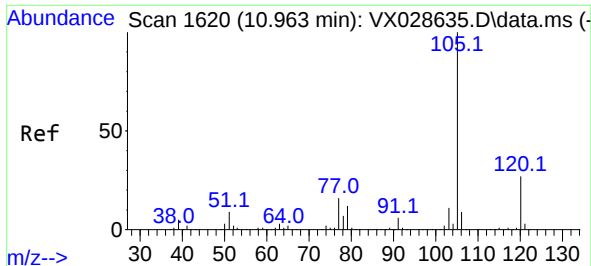
Tgt Ion:104 Resp: 239449
Ion Ratio Lower Upper
104 100
78 264.0 38.6 57.8#
103 236.1 43.8 65.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028860.D
Acq: 20 May 2022 18:53

Tgt Ion:152 Resp: 265302
Ion Ratio Lower Upper
152 100
115 63.6 37.5 112.7
150 158.5 0.0 338.2

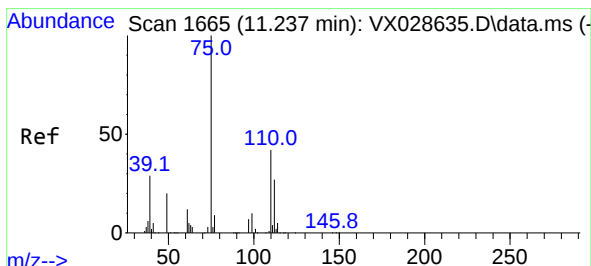
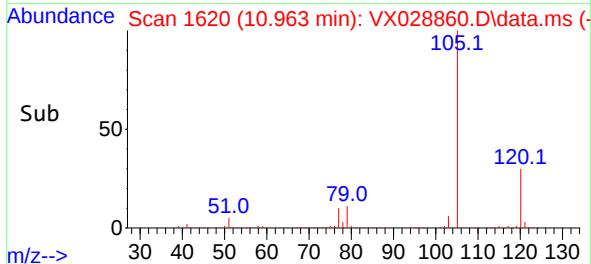
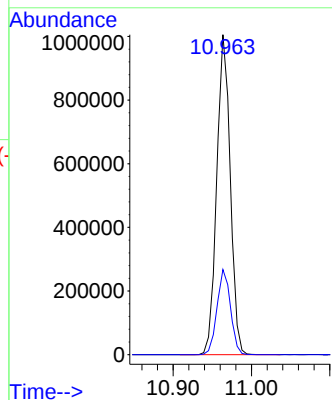
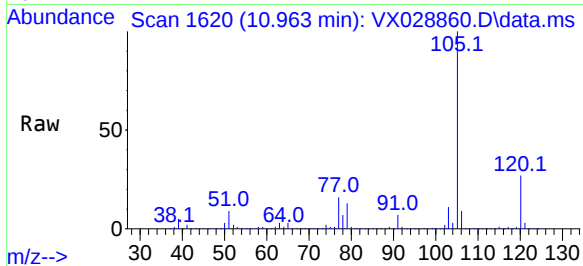




#73
Isopropylbenzene
Concen: 59.846 ug/l
RT: 10.963 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX028860.D
Acq: 20 May 2022 18:53

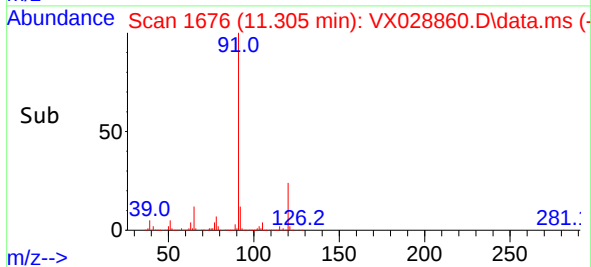
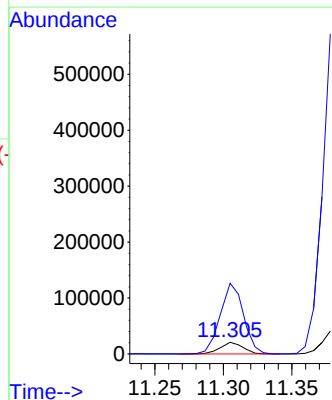
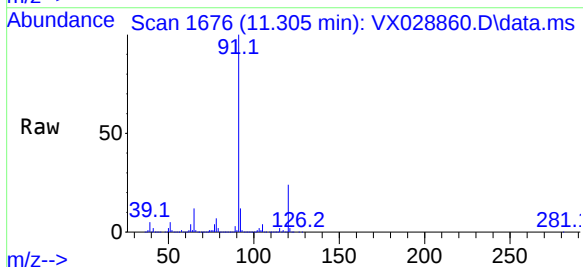
Instrument :
MSVOA_X
ClientSampleId :
DUP051822

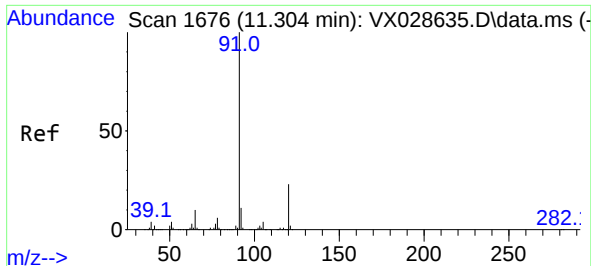
Tgt Ion:105 Resp: 1204046
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.5



#76
1,2,3-Trichloropropane
Concen: 3.863 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.068 min
Lab File: VX028860.D
Acq: 20 May 2022 18:53

Tgt Ion: 75 Resp: 24003
Ion Ratio Lower Upper
75 100
77 621.6 19.4 58.2#

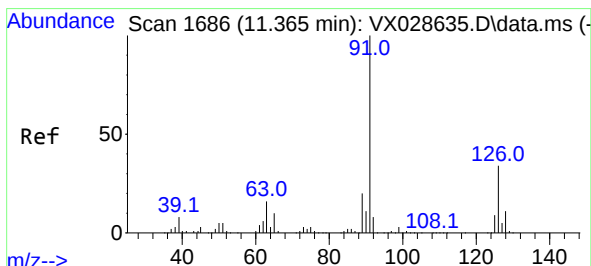
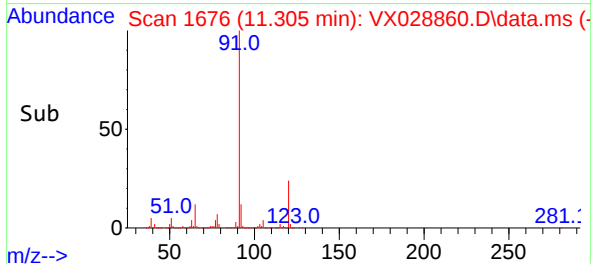
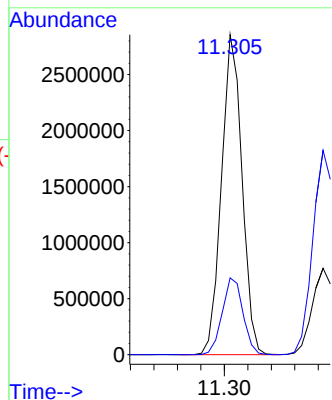
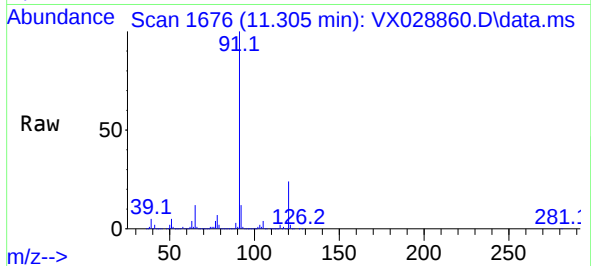




#78
n-propylbenzene
Concen: 149.087 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX028860.D
Acq: 20 May 2022 18:53

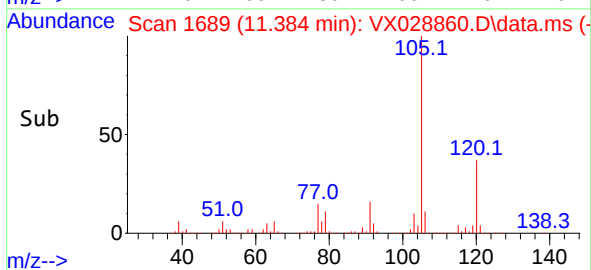
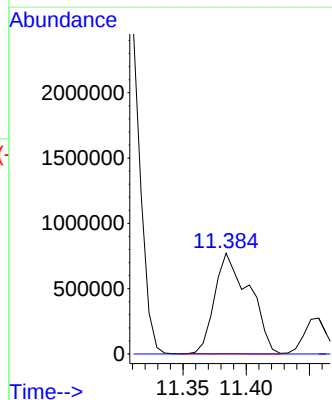
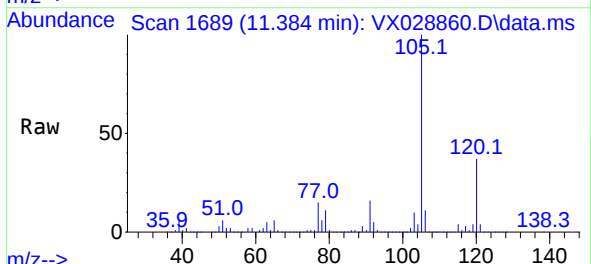
Instrument :
MSVOA_X
ClientSampleId :
DUP051822

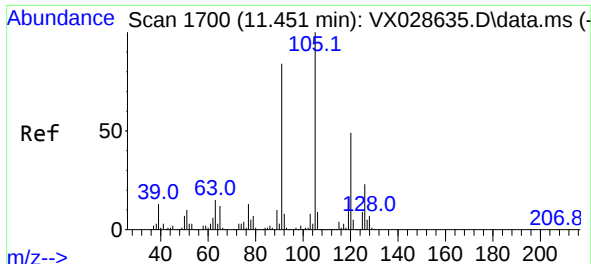
Tgt Ion: 91 Resp: 3469613
Ion Ratio Lower Upper
91 100
120 24.2 11.6 34.8



#79
2-Chlorotoluene
Concen: 103.907 ug/l
RT: 11.384 min Scan# 1689
Delta R.T. 0.019 min
Lab File: VX028860.D
Acq: 20 May 2022 18:53

Tgt Ion: 91 Resp: 1482103
Ion Ratio Lower Upper
91 100
126 0.1 17.3 51.9#

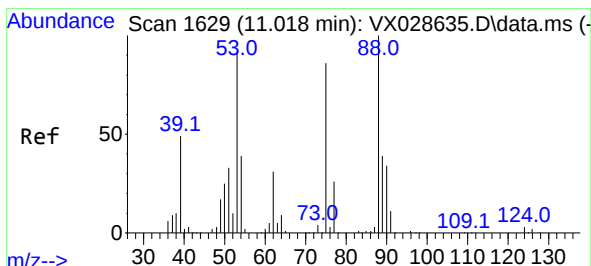
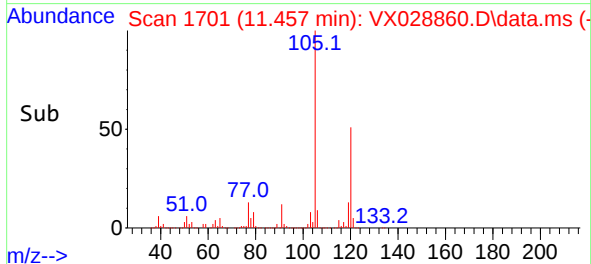
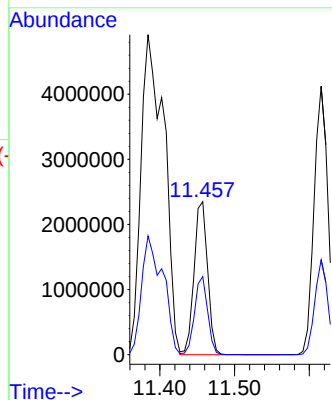
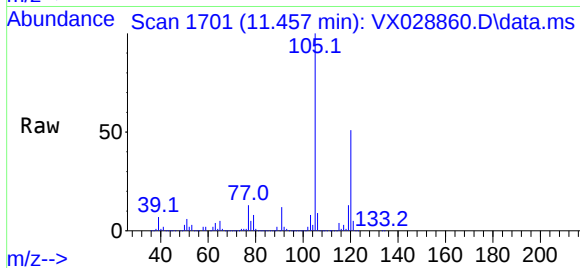




#80
1,3,5-Trimethylbenzene
Concen: 175.876 ug/l
RT: 11.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX028860.D
Acq: 20 May 2022 18:53

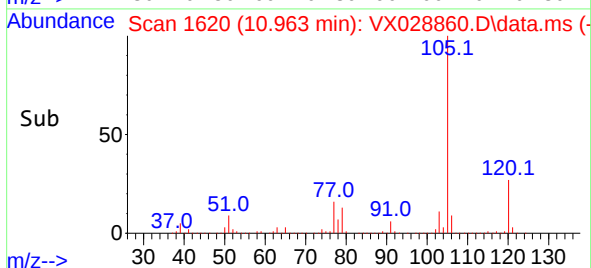
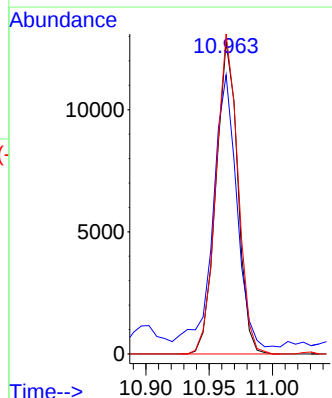
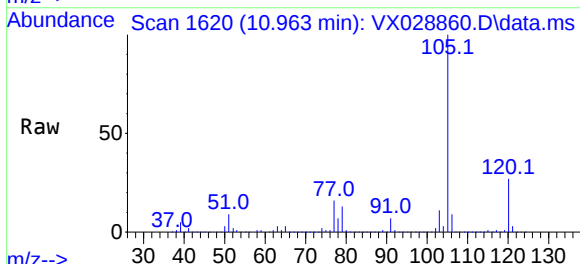
Instrument :
MSVOA_X
ClientSampleId :
DUP051822

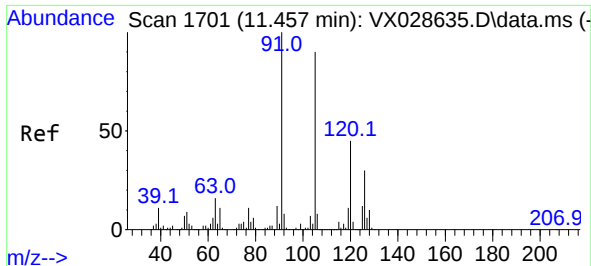
Tgt Ion:105 Resp: 2948428
Ion Ratio Lower Upper
105 100
120 49.2 24.3 72.9



#81
trans-1,4-Dichloro-2-butene
Concen: 10.614 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.055 min
Lab File: VX028860.D
Acq: 20 May 2022 18:53

Tgt Ion: 75 Resp: 15224
Ion Ratio Lower Upper
75 100
53 96.4 69.0 103.4
89 103.5 37.0 55.6#

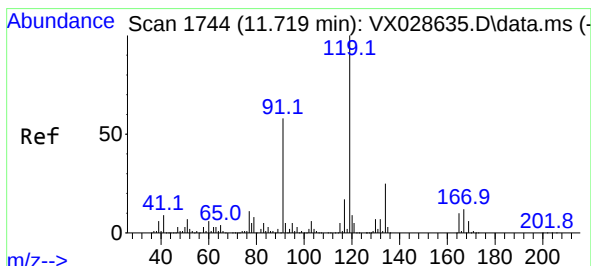
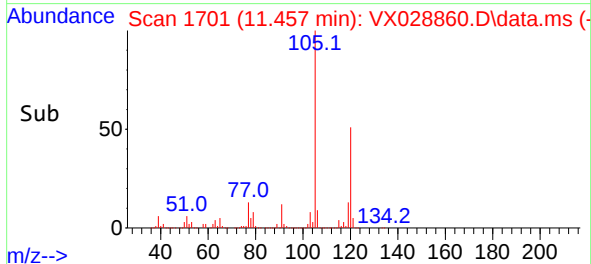
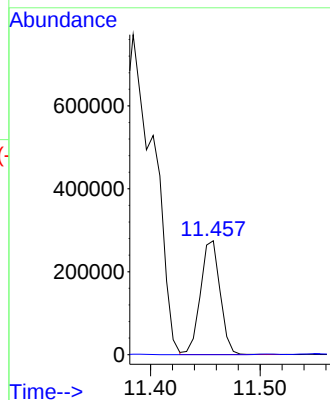
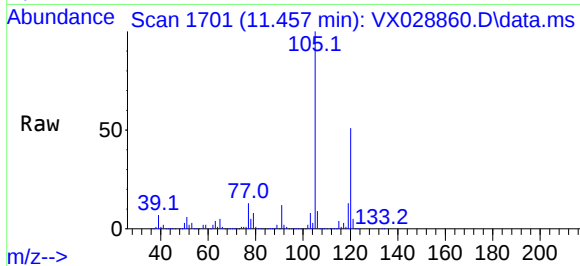




#82
4-Chlorotoluene
Concen: 20.601 ug/l
RT: 11.457 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028860.D
Acq: 20 May 2022 18:53

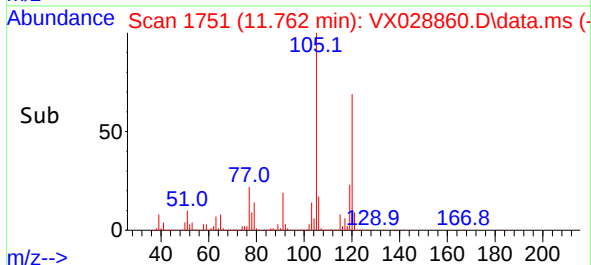
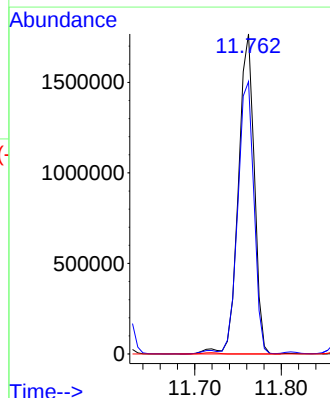
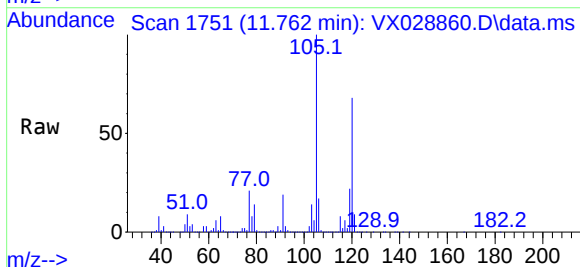
Instrument :
MSVOA_X
ClientSampleId :
DUP051822

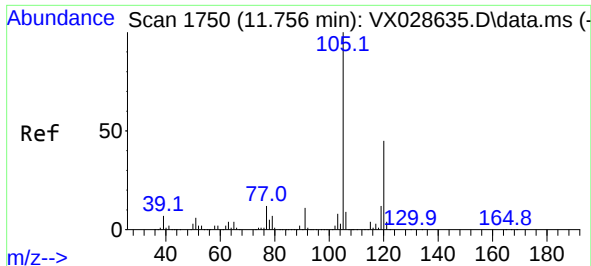
Tgt Ion: 91 Resp: 339704
Ion Ratio Lower Upper
91 100
126 0.0 14.9 44.5#



#83
tert-Butylbenzene
Concen: 138.628 ug/l
RT: 11.762 min Scan# 1751
Delta R.T. 0.043 min
Lab File: VX028860.D
Acq: 20 May 2022 18:53

Tgt Ion: 119 Resp: 2250121
Ion Ratio Lower Upper
119 100
91 87.3 26.9 80.6#
134 0.0 11.4 34.2#

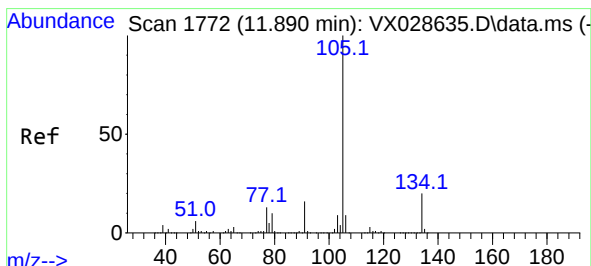
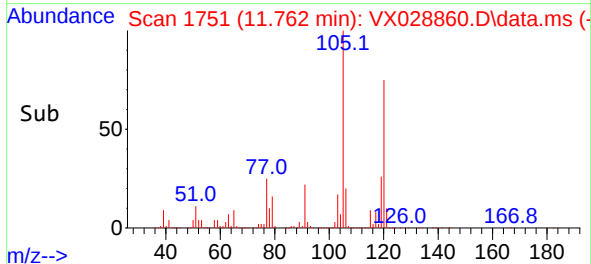
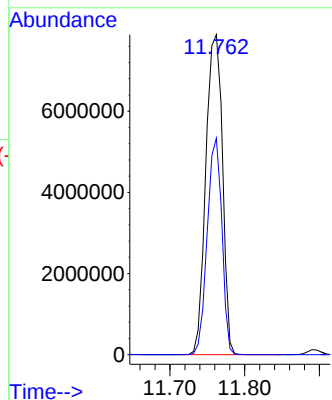
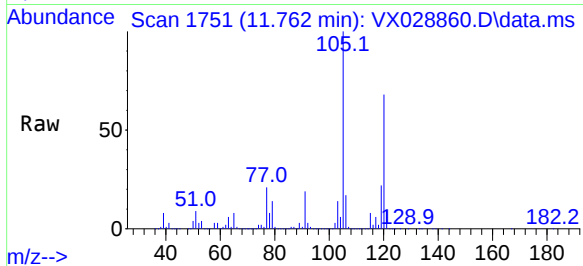




#84
1,2,4-Trimethylbenzene
Concen: 723.977 ug/l
RT: 11.762 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VX028860.D
Acq: 20 May 2022 18:53

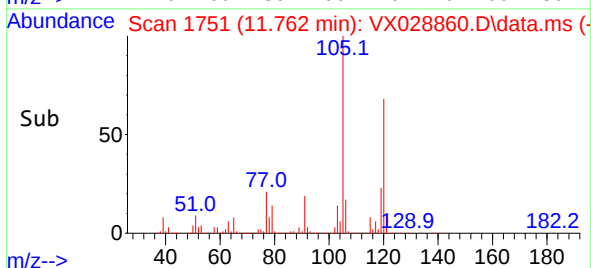
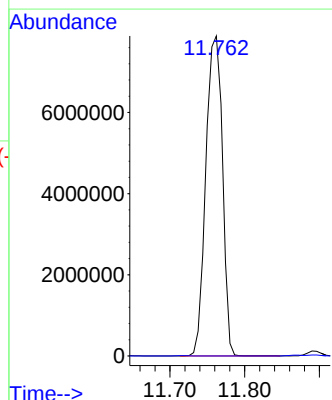
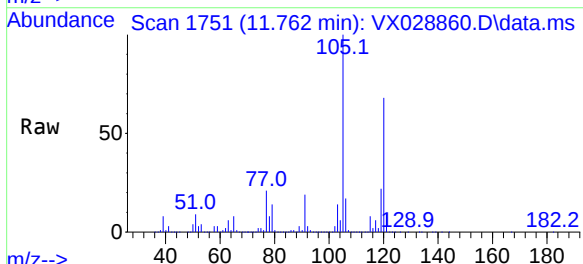
Instrument :
MSVOA_X
ClientSampleId :
DUP051822

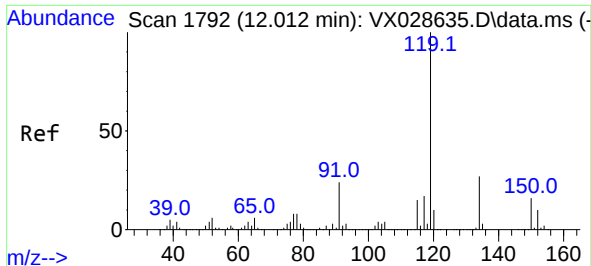
Tgt Ion:105 Resp:12170803
Ion Ratio Lower Upper
105 100
120 59.4 22.6 67.8



#85
sec-Butylbenzene
Concen: 607.885 ug/l
RT: 11.762 min Scan# 1751
Delta R.T. -0.128 min
Lab File: VX028860.D
Acq: 20 May 2022 18:53

Tgt Ion:105 Resp:12170803
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#

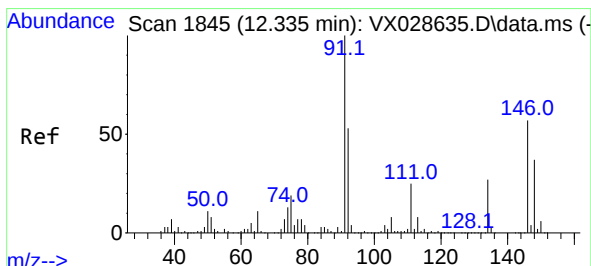
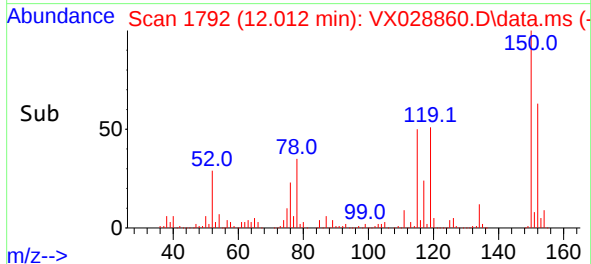
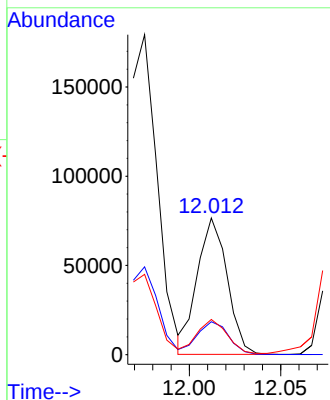
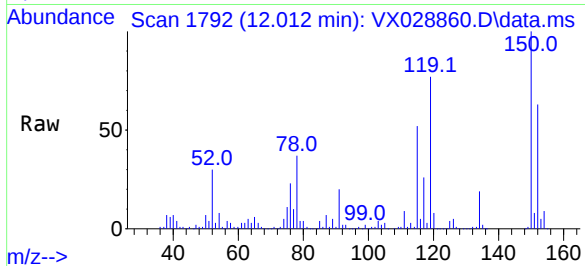




#86
p-Isopropyltoluene
Concen: 5.194 ug/l
RT: 12.012 min Scan# 119
Delta R.T. 0.000 min
Lab File: VX028860.D
Acq: 20 May 2022 18:53

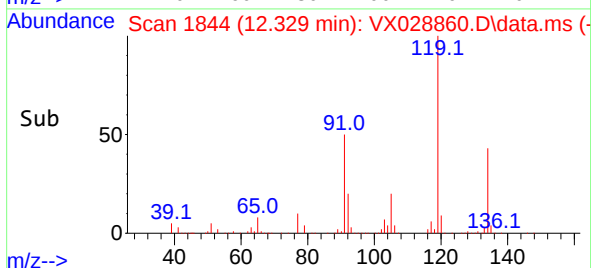
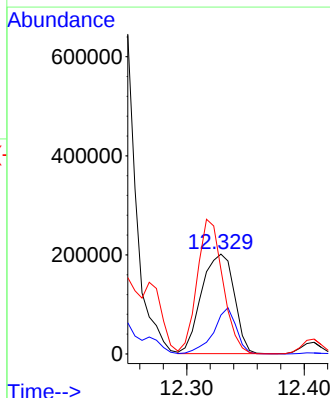
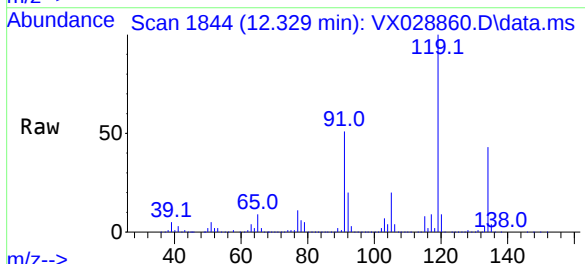
Instrument :
MSVOA_X
ClientSampleId :
DUP051822

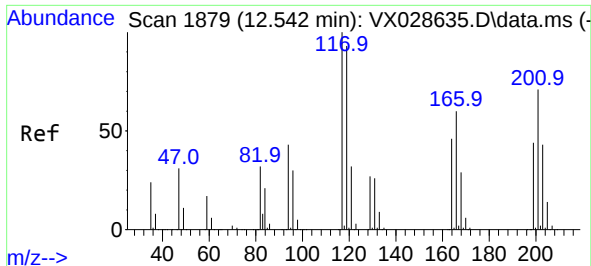
Tgt Ion:119 Resp: 87264
Ion Ratio Lower Upper
119 100
134 25.7 13.0 39.0
91 0.0 11.3 33.9#



#89
n-Butylbenzene
Concen: 26.684 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX028860.D
Acq: 20 May 2022 18:53

Tgt Ion: 91 Resp: 388431
Ion Ratio Lower Upper
91 100
92 32.4 27.8 83.3
134 106.4 13.3 39.8#

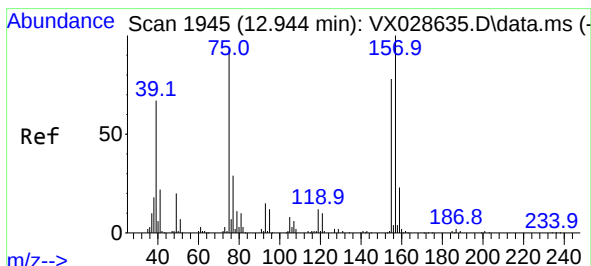
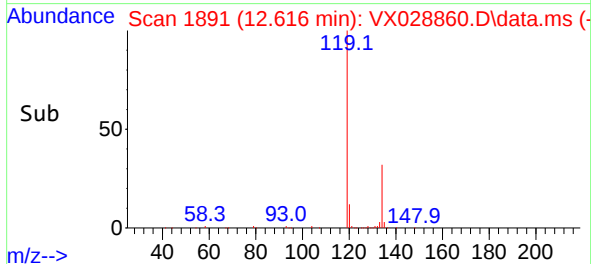
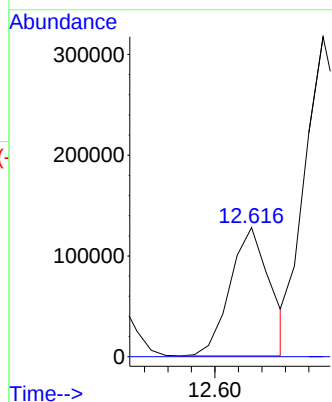
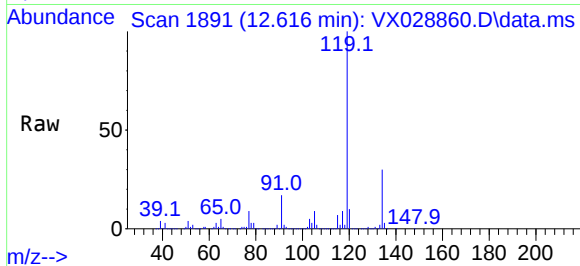




#90
Hexachloroethane
Concen: 55.335 ug/l
RT: 12.616 min Scan# 1879
Delta R.T. 0.074 min
Lab File: VX028860.D
Acq: 20 May 2022 18:53

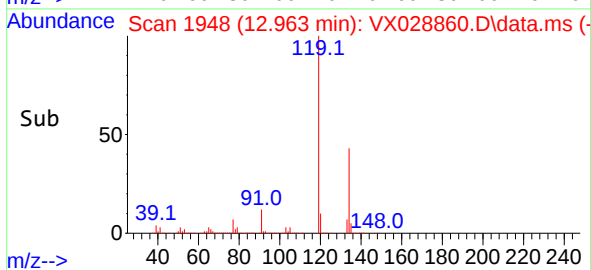
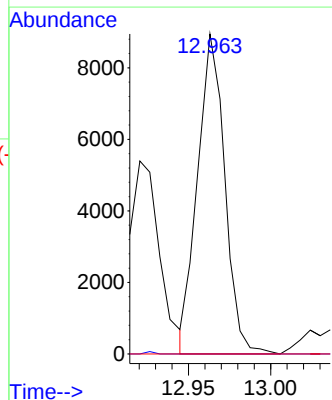
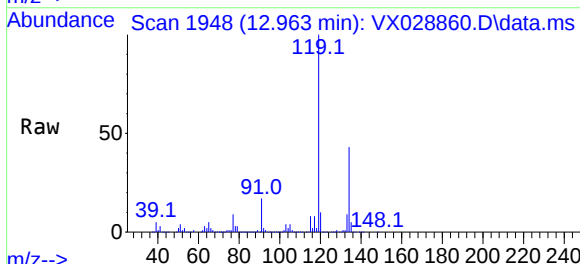
Instrument :
MSVOA_X
ClientSampleId :
DUP051822

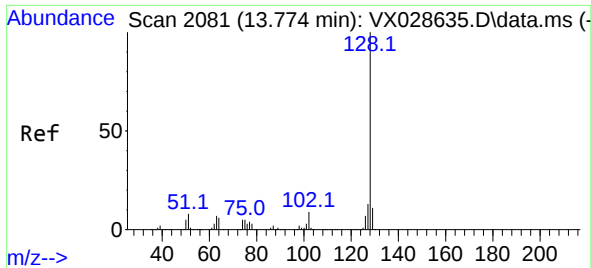
Tgt Ion:117 Resp: 150337
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#



#92
1,2-Dibromo-3-Chloropropane
Concen: 6.981 ug/l
RT: 12.963 min Scan# 1948
Delta R.T. 0.019 min
Lab File: VX028860.D
Acq: 20 May 2022 18:53

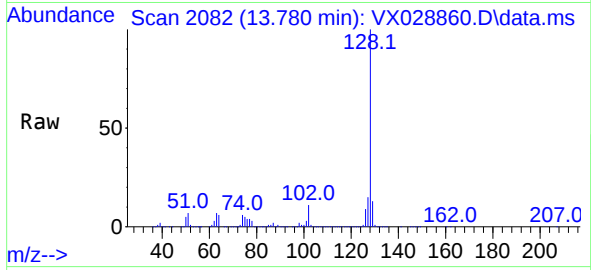
Tgt Ion: 75 Resp: 10288
Ion Ratio Lower Upper
75 100
155 0.0 47.0 141.2#
157 0.0 57.9 173.6#





#95
Naphthalene
Concen: 303.322 ug/l
RT: 13.780 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX028860.D
Acq: 20 May 2022 18:53

Instrument :
MSVOA_X
ClientSampleId :
DUP051822



Tgt Ion:128 Resp: 5718339
Ion Ratio Lower Upper
128 100
127 14.5 10.2 15.4
129 12.5 8.7 13.1

