

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081423\
 Data File : VX036975.D
 Acq On : 14 Aug 2023 19:24
 Operator : JC/MD
 Sample : 03983-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 713-F

Quant Time: Aug 15 01:31:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	117731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	215329	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95875	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84031	48.238	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.480%
35) Dibromofluoromethane	5.391	113	71198	48.105	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.220%
50) Toluene-d8	8.647	98	258017	49.159	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.320%
62) 4-Bromofluorobenzene	11.079	95	103365	52.199	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.400%

Target Compounds						Qvalue
11) Tert butyl alcohol	2.959	59	95915	232.572	ug/l #	89
13) Acrolein	2.233	56	232	0.986	ug/l #	14
14) Allyl chloride	2.642	41	859	0.331	ug/l #	24
15) Acrylonitrile	2.953	53	796	0.960	ug/l #	20
16) Acetone	2.380	43	149522	206.846	ug/l	93
17) Carbon Disulfide	2.514	76	1114	0.306	ug/l #	77
18) Methyl Acetate	2.538	43	10250	3.371	ug/l #	53
19) Methyl tert-butyl Ether	3.124	73	5626	1.136	ug/l #	91
20) Methylene Chloride	2.794	84	1053	0.655	ug/l #	79
22) Diisopropyl ether	3.697	45	11359	2.305	ug/l #	1
23) Vinyl Acetate	3.691	43	1219	0.322	ug/l #	73
25) 2-Butanone	4.556	43	401564	342.395	ug/l #	90
28) Bromochloromethane	5.007	49	823	0.616	ug/l #	16
29) Tetrahydrofuran	4.995	42	10349	13.687	ug/l #	63
36) 1,1-Dichloropropene	5.550	75	9539	4.324	ug/l #	51
37) Ethyl Acetate	4.556	43	401564	160.827	ug/l #	69
38) Carbon Tetrachloride	5.550	117	12991	5.539	ug/l #	16
40) Benzene	6.038	78	607588	94.665	ug/l	99
41) Methacrylonitrile	4.995	41	45775	34.277	ug/l #	47
42) 1,2-Dichloroethane	6.044	62	5783	2.464	ug/l #	77
43) Isopropyl Acetate	6.336	43	3705	0.862	ug/l #	81
45) 1,2-Dichloropropane	7.525	63	473	0.276	ug/l #	44
48) Methyl methacrylate	7.684	41	2585	1.293	ug/l #	38
49) 1,4-Dioxane	7.665	88	47	1.164	ug/l #	1
51) 4-Methyl-2-Pentanone	8.574	43	14553	6.119	ug/l	95
52) Toluene	8.720	92	428920	106.654	ug/l	99
55) 1,1,2-Trichloroethane	9.013	97	3442	2.036	ug/l #	21
58) 2-Chloroethyl Vinyl ether	8.214	63	306	0.226	ug/l #	47
59) 2-Hexanone	9.433	43	4525	2.563	ug/l	94
65) Chlorobenzene	10.080	112	12921	2.851	ug/l	93
67) Ethyl Benzene	10.195	91	166228	20.078	ug/l	98
68) m/p-Xylenes	10.299	106	173529	56.176	ug/l	99
69) o-Xylene	10.640	106	91100	29.546	ug/l	99
70) Styrene	10.653	104	45721	8.988	ug/l #	78
73) Isopropylbenzene	10.964	105	6265	0.790	ug/l	98
74) N-amyl acetate	10.897	43	2040	0.551	ug/l #	45

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

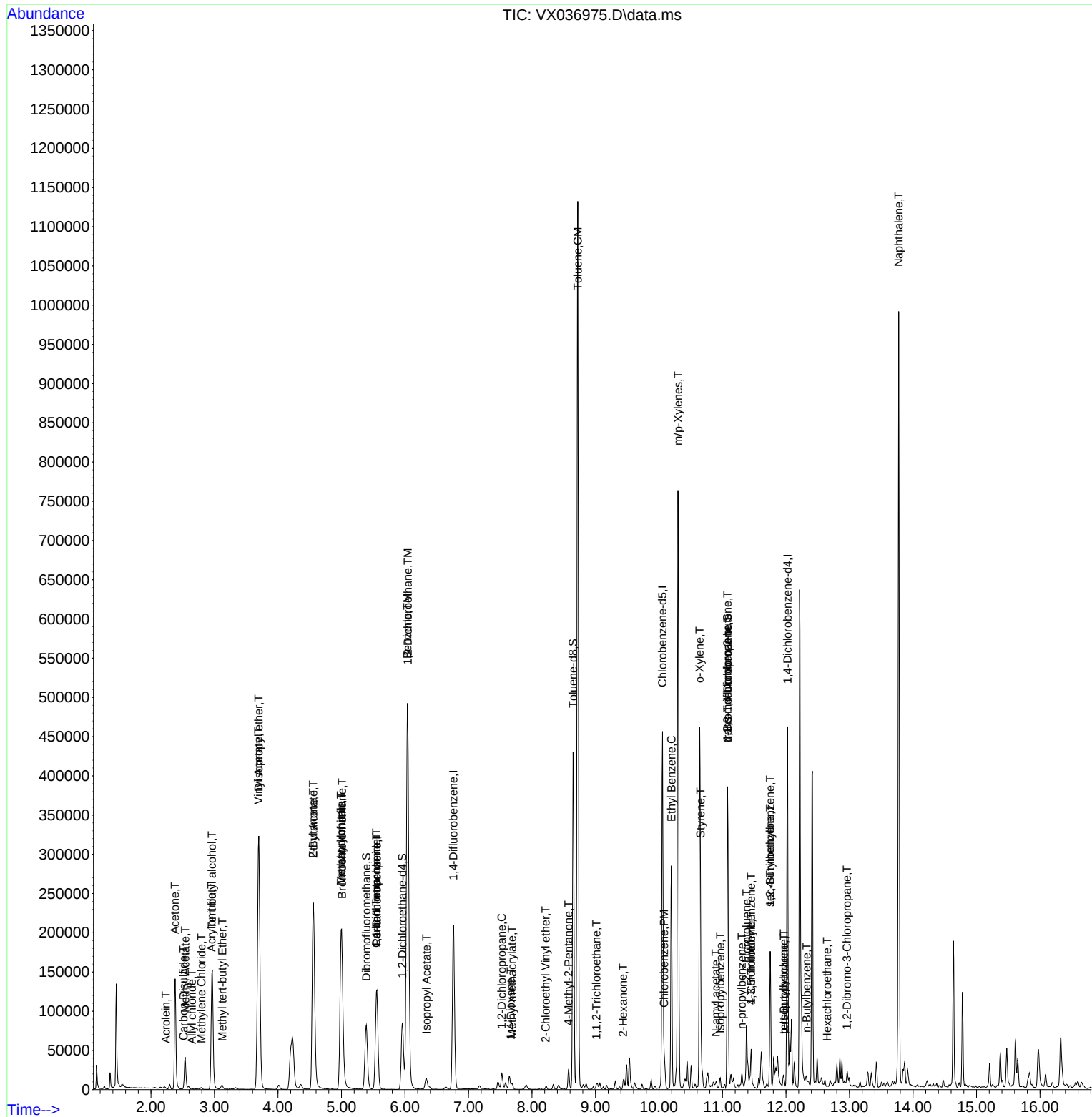
76) 1,2,3-Trichloropropane	11.079	75	54444	24.143	ug/l #	39
78) n-propylbenzene	11.305	91	8780	0.957	ug/l	98
79) 2-Chlorotoluene	11.378	91	6534	1.175	ug/l #	49
80) 1,3,5-Trimethylbenzene	11.451	105	20619	3.106	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.079	75	54444	54.721	ug/l #	5
82) 4-Chlorotoluene	11.451	91	2584	0.408	ug/l #	46
83) tert-Butylbenzene	11.970	119	1837	0.282	ug/l	72
84) 1,2,4-Trimethylbenzene	11.750	105	73610	11.089	ug/l	98
85) sec-Butylbenzene	11.750	105	73610	9.052	ug/l #	57
86) p-Isopropyltoluene	11.970	119	1837	0.275	ug/l	81
89) n-Butylbenzene	12.323	91	1482	0.247	ug/l #	30
90) Hexachloroethane	12.646	117	712	0.525	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	12.957	75	201	0.323	ug/l #	9
95) Naphthalene	13.774	128	572536	82.573	ug/l	100

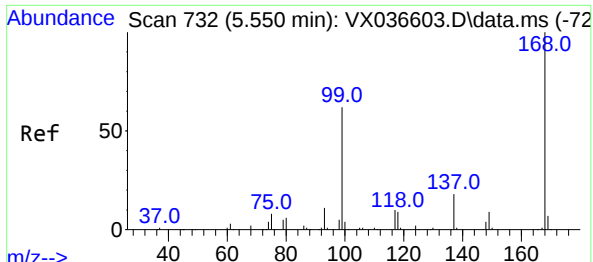
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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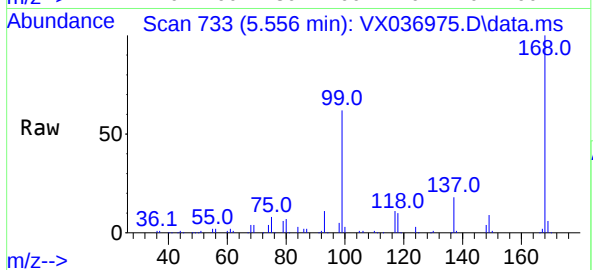
Quant Time: Aug 15 01:31:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
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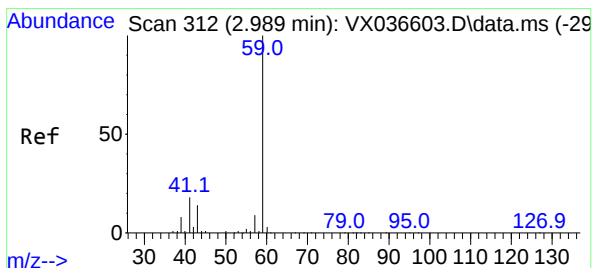
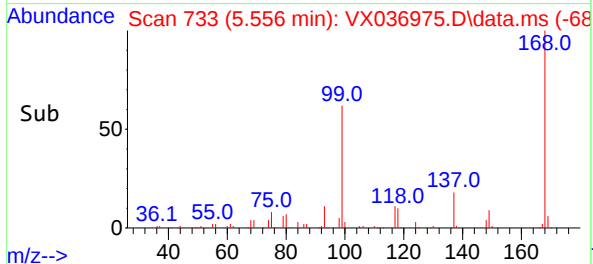
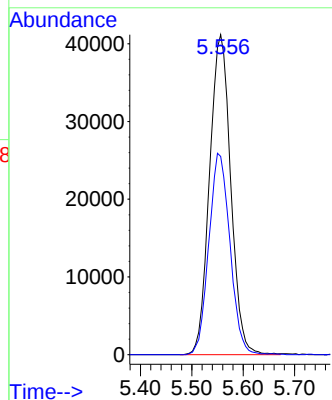


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.006 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

Instrument :
MSVOA_X
ClientSampleId :
713-F

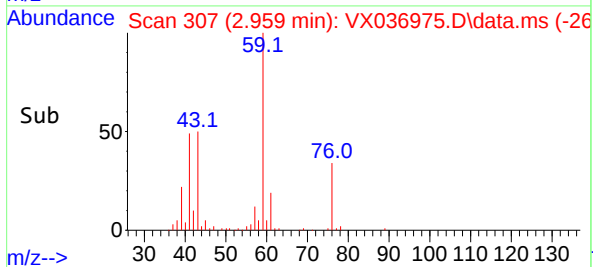
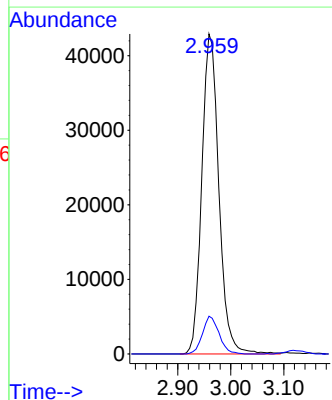
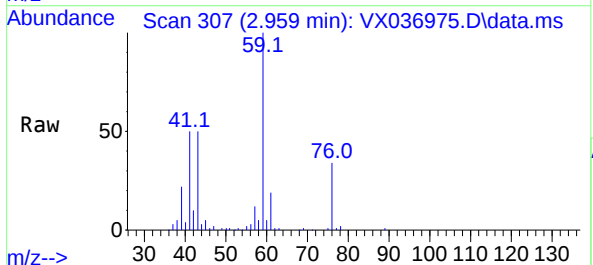


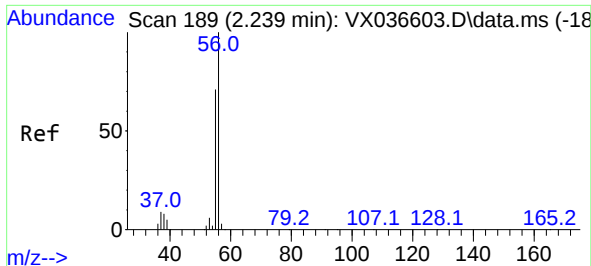
Tgt Ion:168 Resp: 117731
Ion Ratio Lower Upper
168 100
99 61.9 56.6 85.0



#11
Tert butyl alcohol
Concen: 232.572 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.030 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

Tgt Ion: 59 Resp: 95915
Ion Ratio Lower Upper
59 100
57 11.4 6.0 9.0#

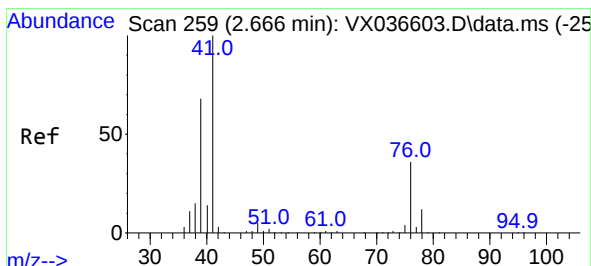
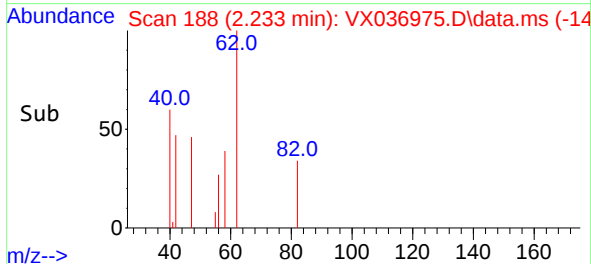
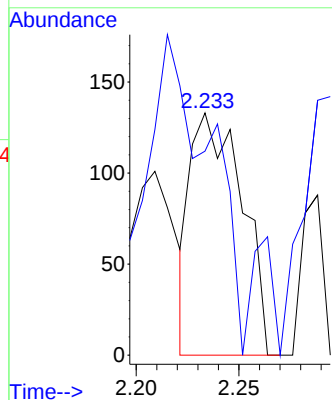
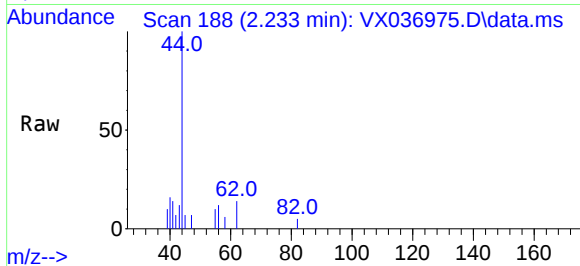




#13
Acrolein
Concen: 0.986 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

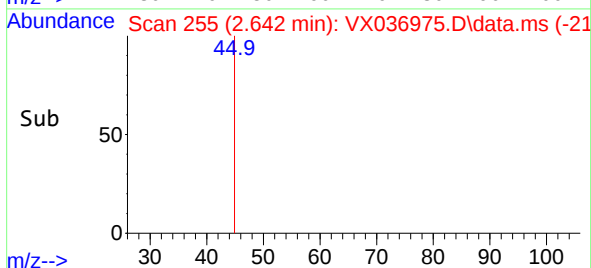
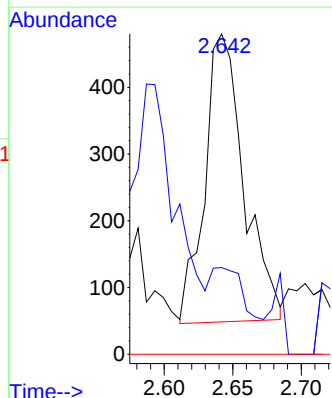
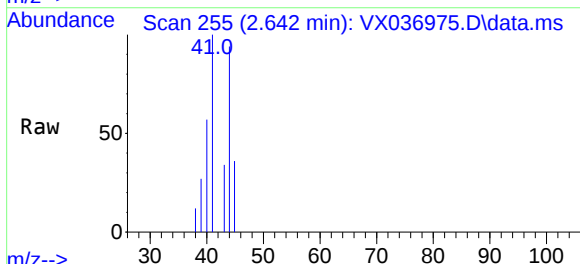
Instrument :
MSVOA_X
ClientSampleId :
713-F

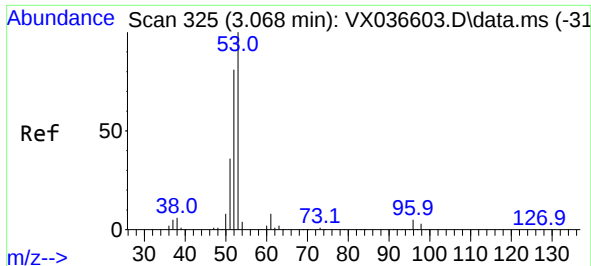
Tgt Ion: 56 Resp: 232
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#14
Allyl chloride
Concen: 0.331 ug/l
RT: 2.642 min Scan# 255
Delta R.T. -0.024 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

Tgt Ion: 41 Resp: 859
Ion Ratio Lower Upper
41 100
39 0.0 55.8 83.6#
76 0.0 24.3 36.5#

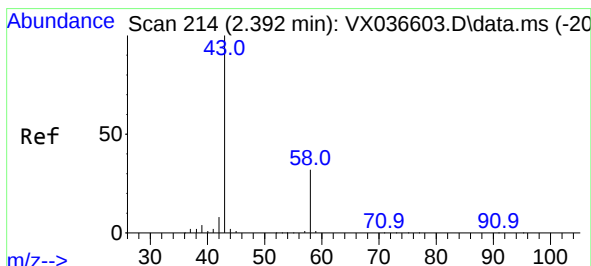
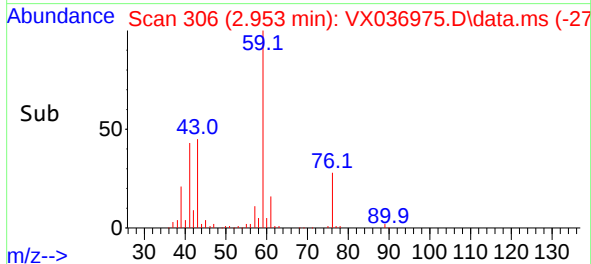
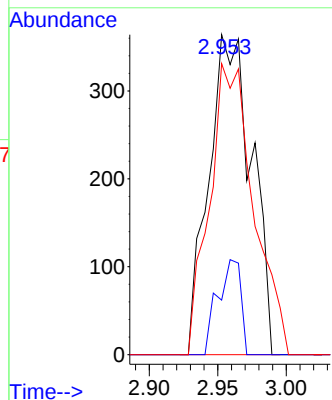
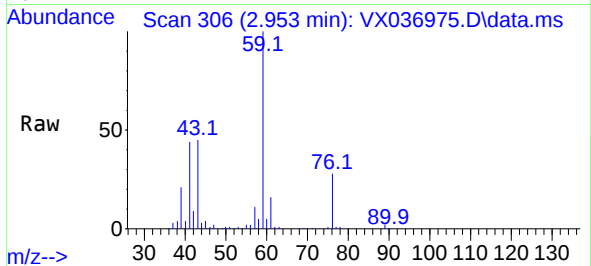




#15
Acrylonitrile
Concen: 0.960 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.116 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

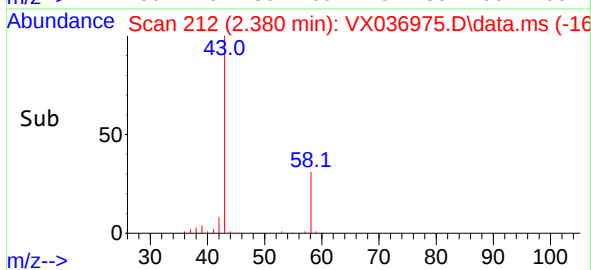
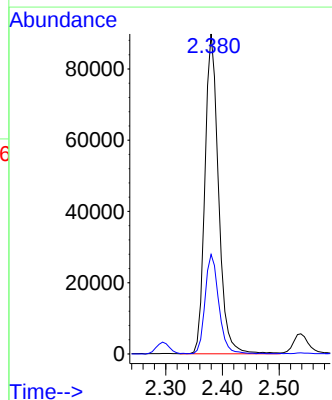
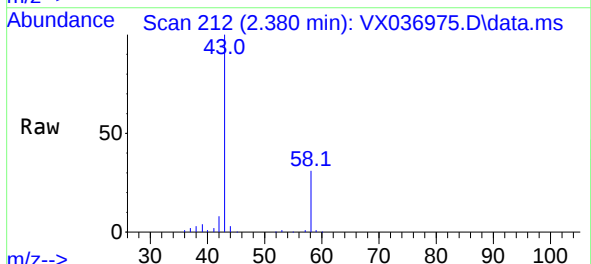
Instrument :
MSVOA_X
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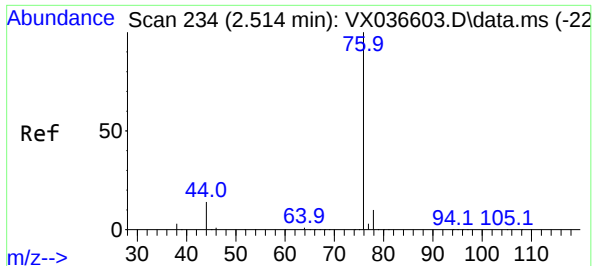
Tgt Ion: 53 Resp: 796
Ion Ratio Lower Upper
53 100
52 15.8 66.0 99.0#
51 92.8 29.8 44.6#



#16
Acetone
Concen: 206.846 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

Tgt Ion: 43 Resp: 149522
Ion Ratio Lower Upper
43 100
58 31.0 21.9 32.9

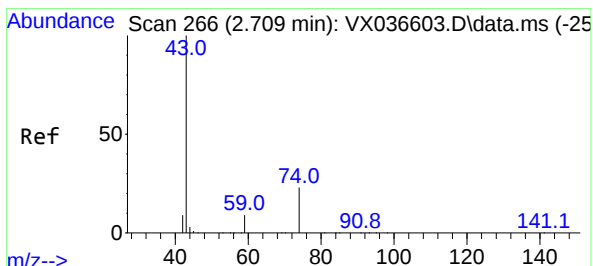
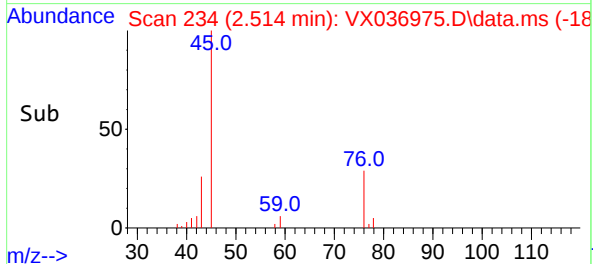
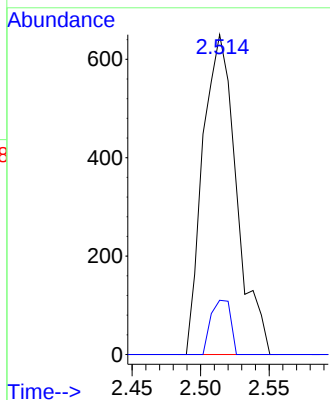
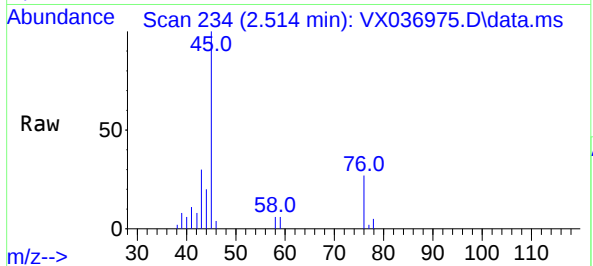




#17
Carbon Disulfide
Concen: 0.306 ug/l
RT: 2.514 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

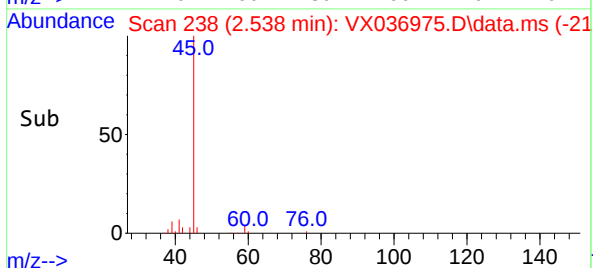
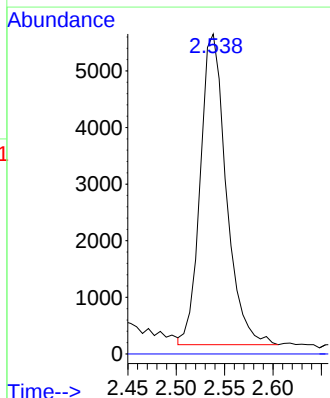
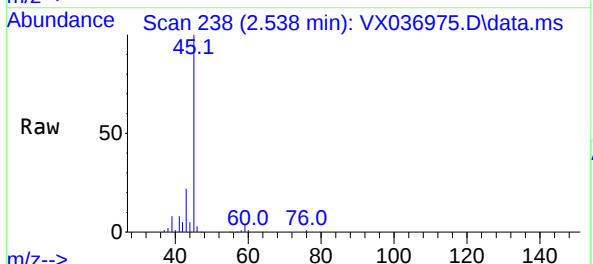
Instrument :
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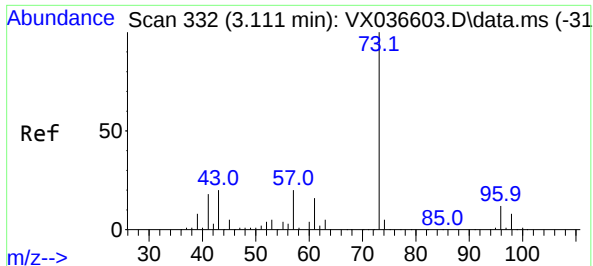
Tgt Ion: 76 Resp: 1114
Ion Ratio Lower Upper
76 100
78 16.9 7.0 10.6#



#18
Methyl Acetate
Concen: 3.371 ug/l
RT: 2.538 min Scan# 238
Delta R.T. -0.171 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

Tgt Ion: 43 Resp: 10250
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#





#19

Methyl tert-butyl Ether

Concen: 1.136 ug/l

RT: 3.124 min Scan# 31

Delta R.T. 0.012 min

Lab File: VX036975.D

Acq: 14 Aug 2023 19:24

Instrument :

MSVOA_X

ClientSampleId :

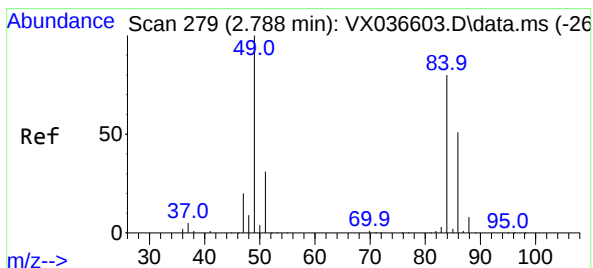
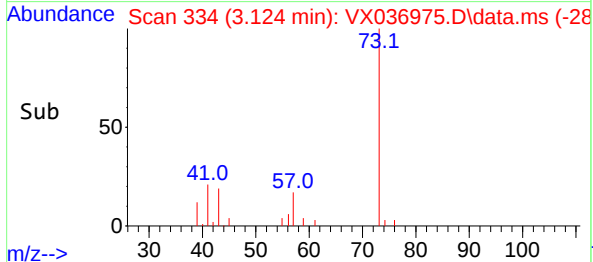
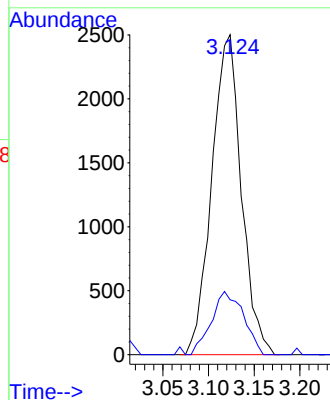
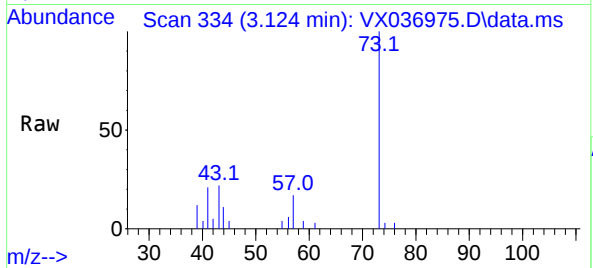
713-F

Tgt Ion: 73 Resp: 5626

Ion Ratio Lower Upper

73 100

57 17.1 17.3 25.9#



#20

Methylene Chloride

Concen: 0.655 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX036975.D

Acq: 14 Aug 2023 19:24

Tgt Ion: 84 Resp: 1053

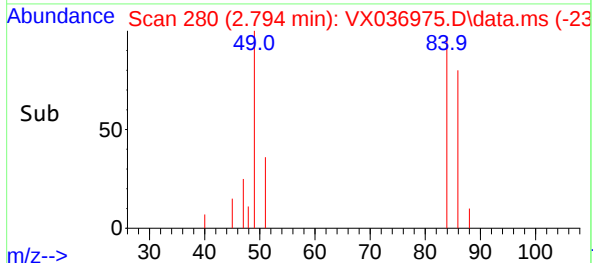
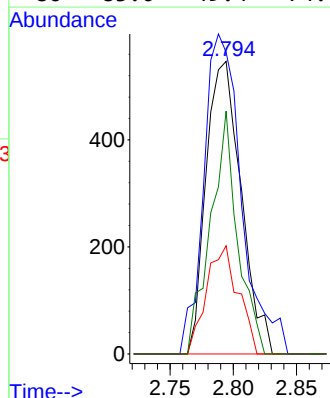
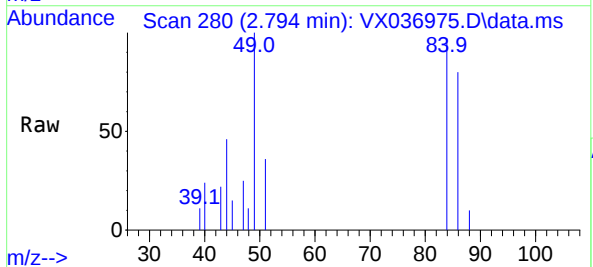
Ion Ratio Lower Upper

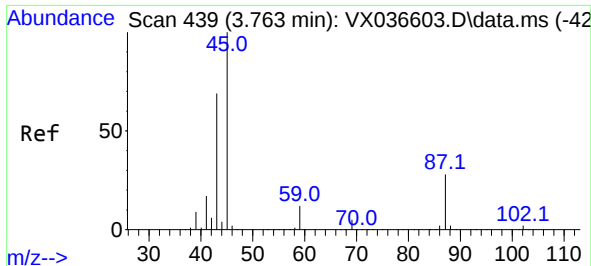
84 100

49 103.1 103.6 155.4#

51 36.9 33.8 50.6

86 83.0 49.4 74.0#

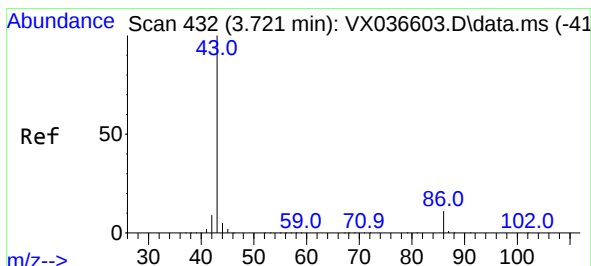
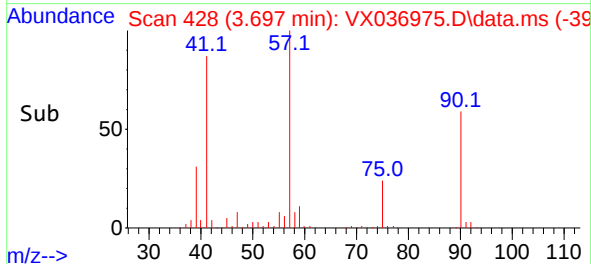
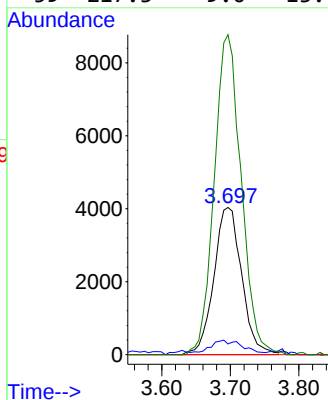
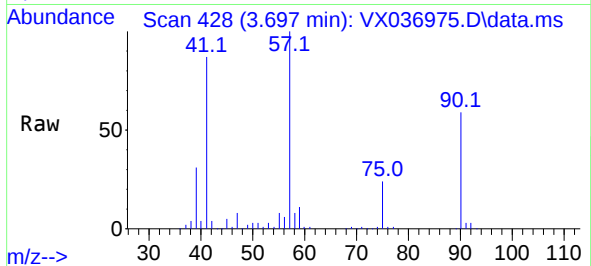




#22
Diisopropyl ether
Concen: 2.305 ug/l
RT: 3.697 min Scan# 41
Delta R.T. -0.067 min
Lab File: VX036975.D
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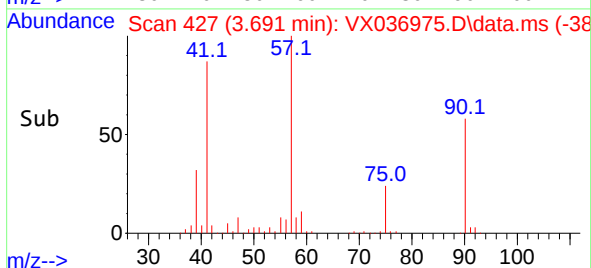
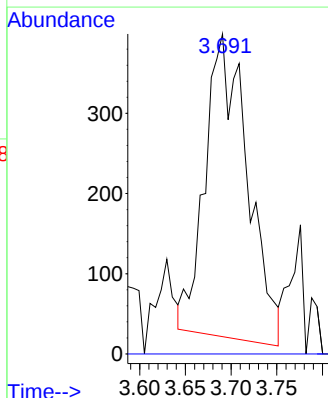
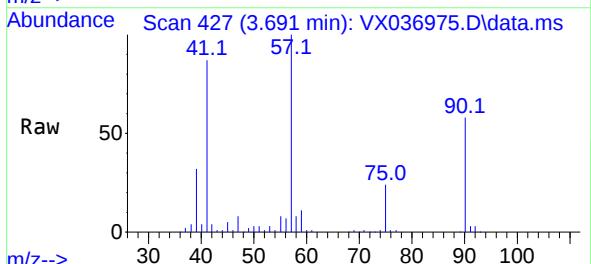
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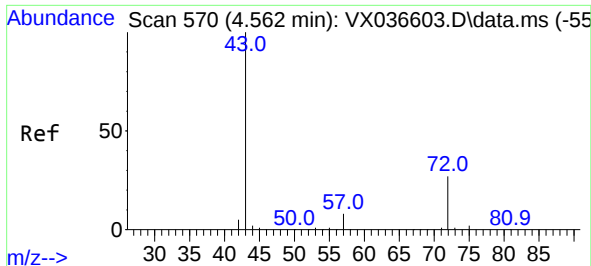
Tgt Ion:	45	Resp:	11359
Ion	Ratio	Lower	Upper
45	100		
43	5.3	69.7	104.5#
87	0.0	20.8	31.2#
59	217.3	9.0	13.4#



#23
Vinyl Acetate
Concen: 0.322 ug/l
RT: 3.691 min Scan# 427
Delta R.T. -0.030 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

Tgt Ion:	43	Resp:	1219
Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.8	11.8#

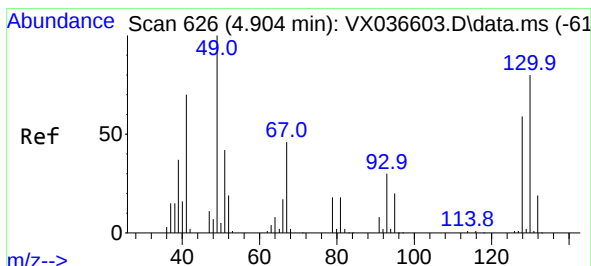
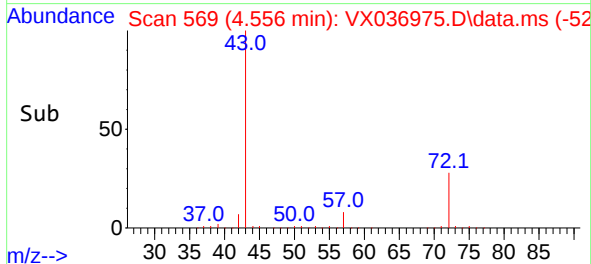
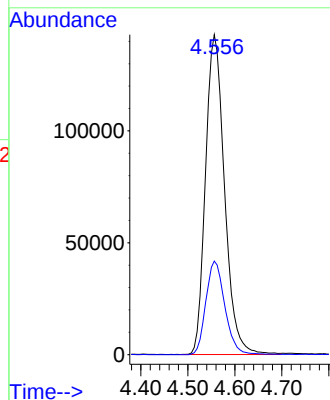
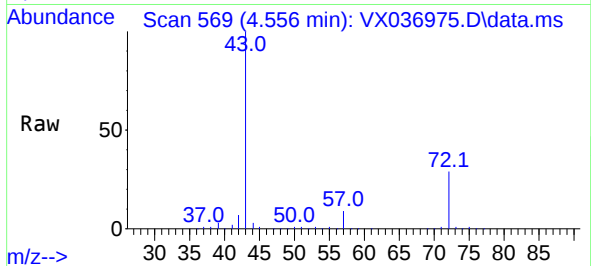




#25
2-Butanone
Concen: 342.395 ug/l
RT: 4.556 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

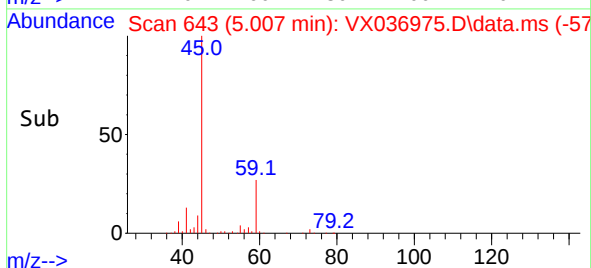
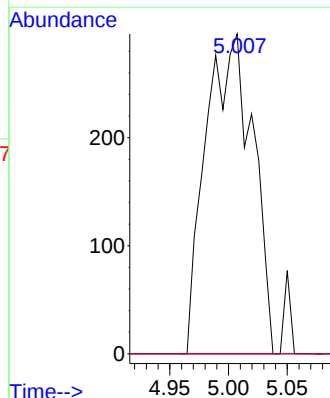
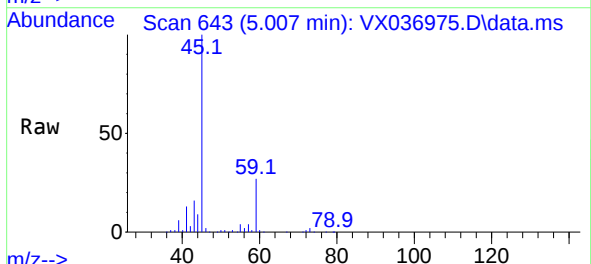
Instrument :
MSVOA_X
ClientSampleId :
713-F

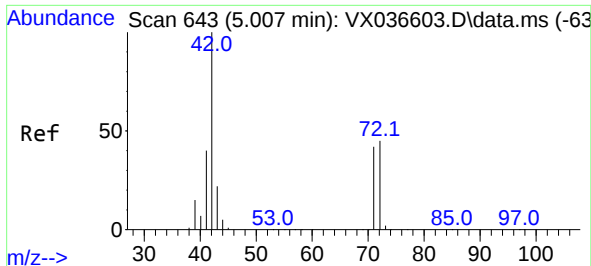
Tgt Ion: 43 Resp: 401564
Ion Ratio Lower Upper
43 100
72 29.3 19.4 29.2#



#28
Bromochloromethane
Concen: 0.616 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.104 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

Tgt Ion: 49 Resp: 823
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 57.5 86.3#

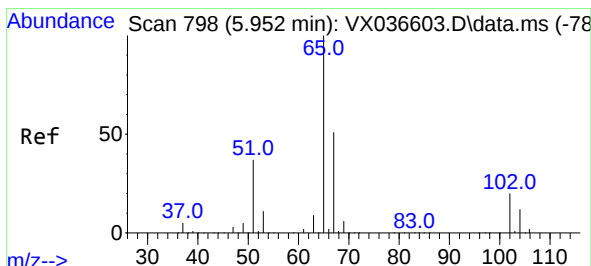
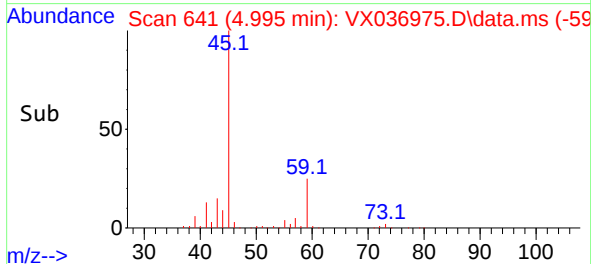
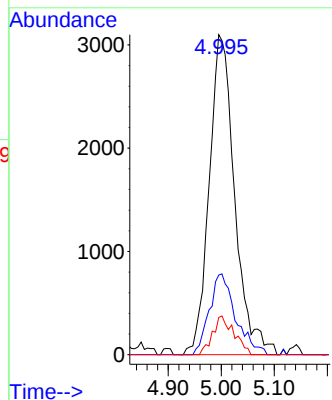
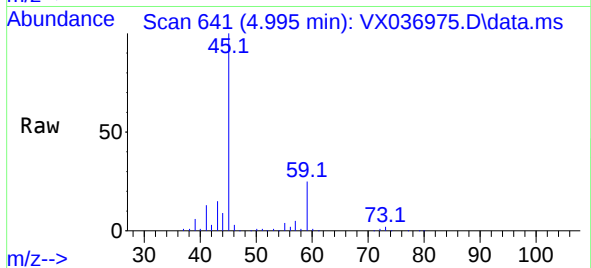




#29
Tetrahydrofuran
Concen: 13.687 ug/l
RT: 4.995 min Scan# 641
Delta R.T. -0.012 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

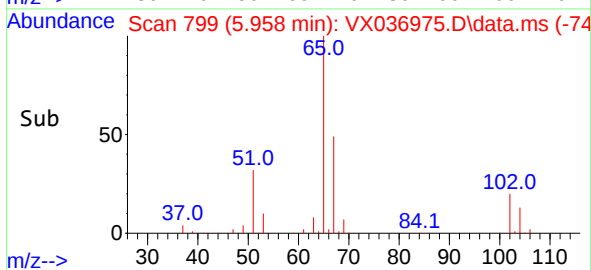
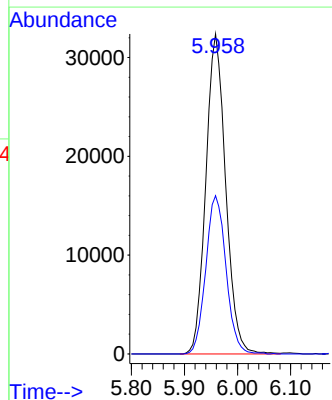
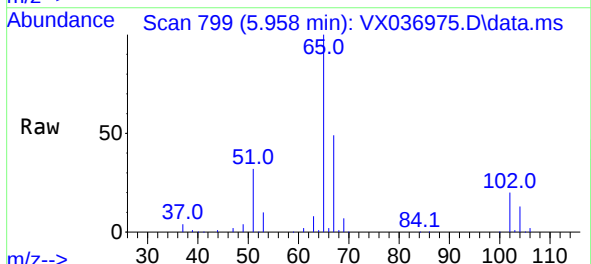
Instrument :
MSVOA_X
ClientSampleId :
713-F

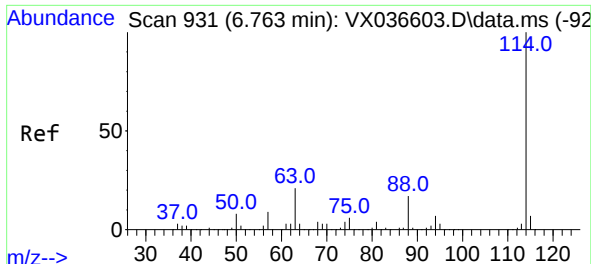
Tgt Ion: 42 Resp: 10349
Ion Ratio Lower Upper
42 100
72 26.0 34.2 51.4#
71 10.1 32.2 48.2#



#33
1,2-Dichloroethane-d4
Concen: 48.238 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

Tgt Ion: 65 Resp: 84031
Ion Ratio Lower Upper
65 100
67 50.5 0.0 100.2

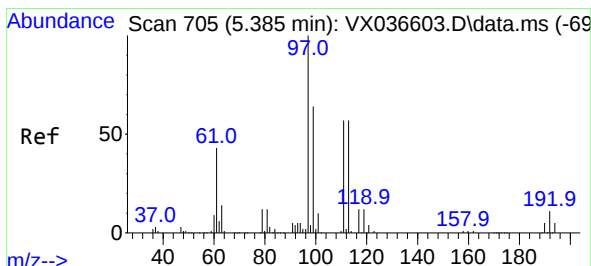
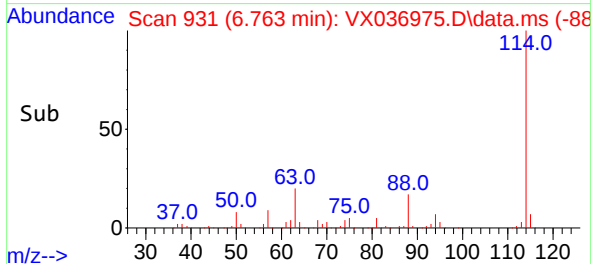
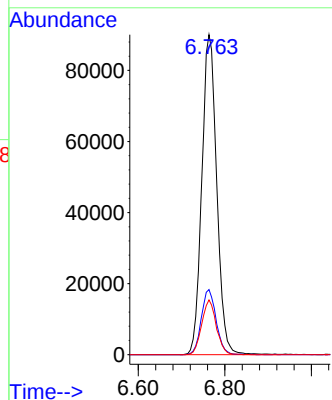
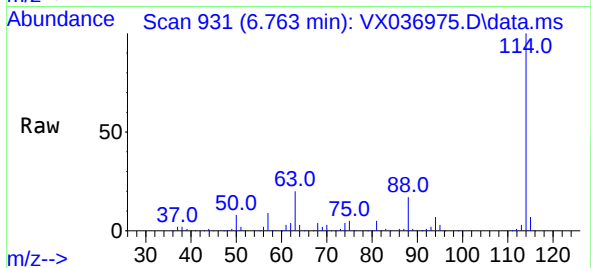




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

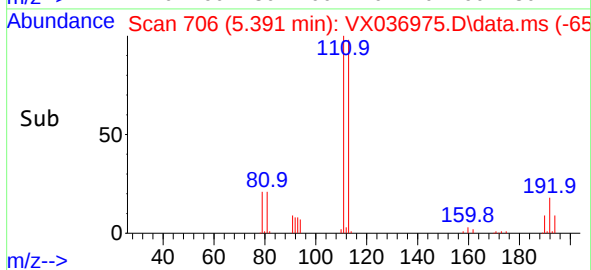
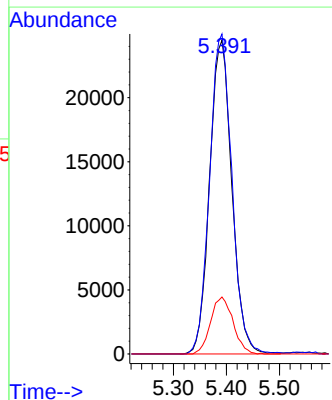
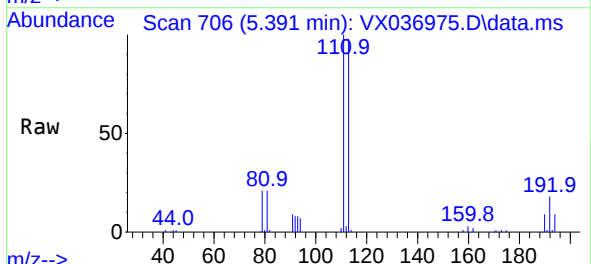
Instrument :
MSVOA_X
ClientSampleId :
713-F

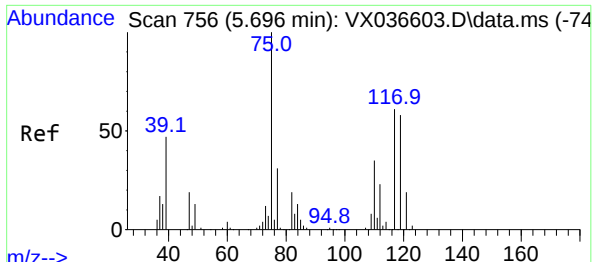
Tgt Ion:114 Resp: 215329
Ion Ratio Lower Upper
114 100
63 20.4 0.0 45.0
88 17.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.105 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

Tgt Ion:113 Resp: 71198
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 18.3 13.3 19.9

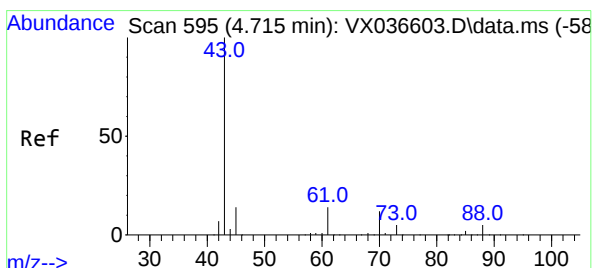
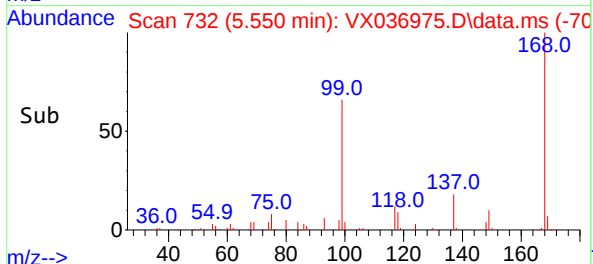
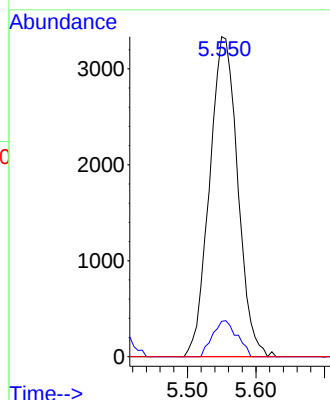
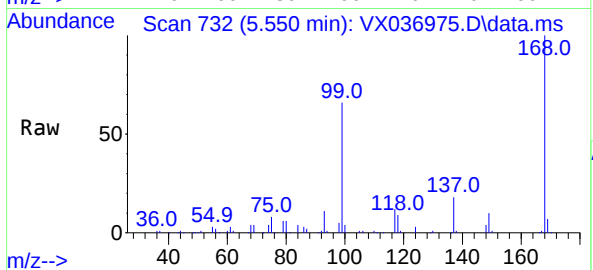




#36
1,1-Dichloropropene
Concen: 4.324 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.146 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

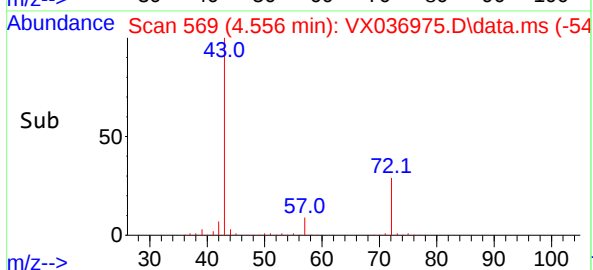
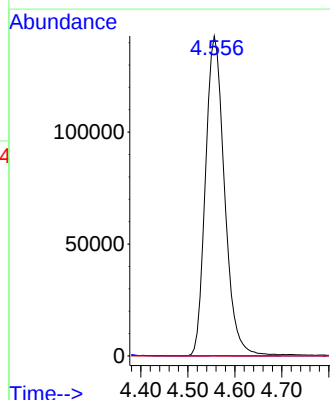
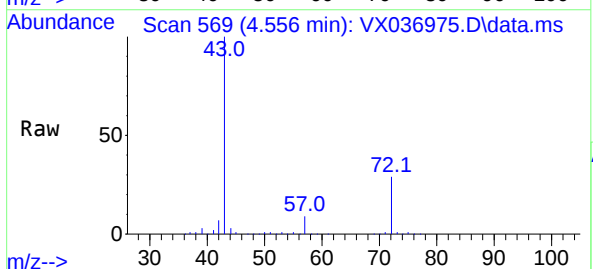
Instrument :
MSVOA_X
ClientSampleId :
713-F

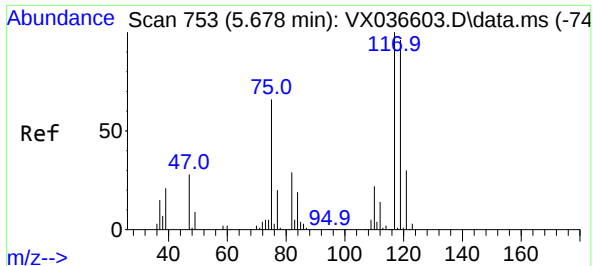
Tgt Ion: 75 Resp: 9539
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 160.827 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.158 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

Tgt Ion: 43 Resp: 401564
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.3 12.5#

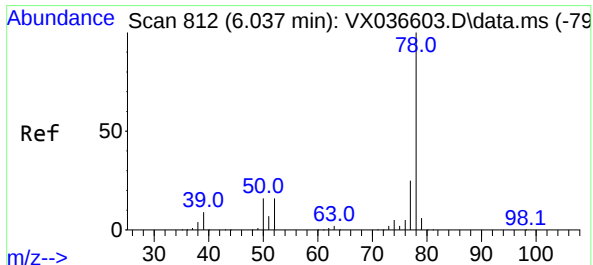
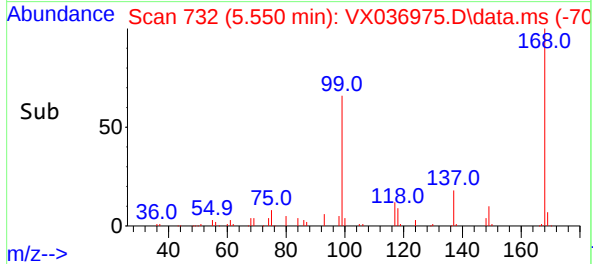
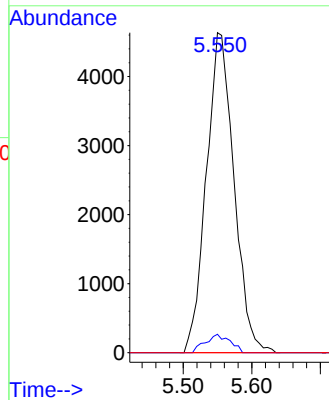
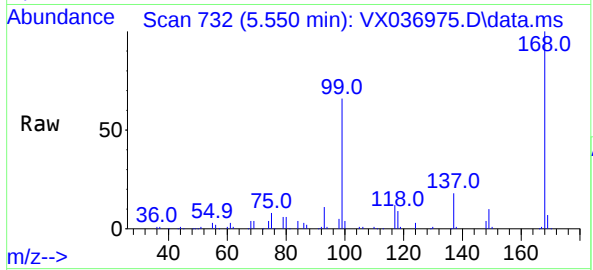




#38
Carbon Tetrachloride
Concen: 5.539 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.128 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

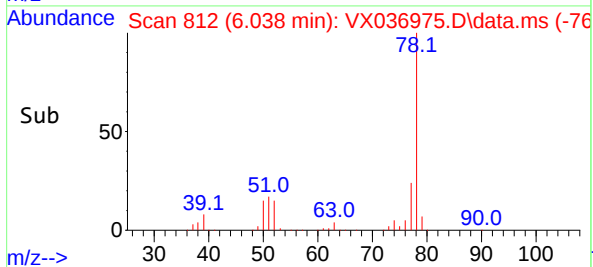
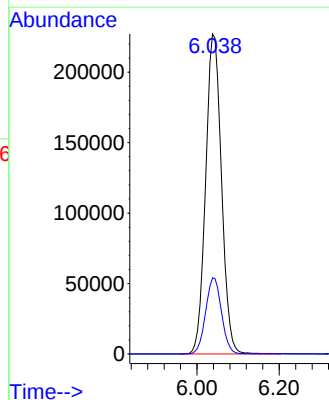
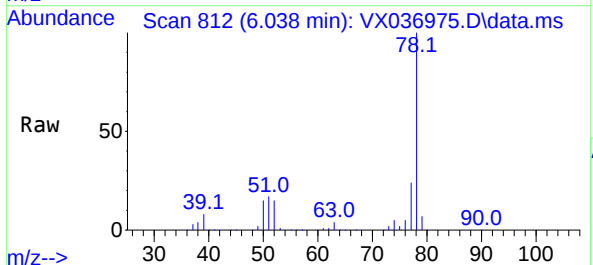
Instrument :
MSVOA_X
ClientSampleId :
713-F

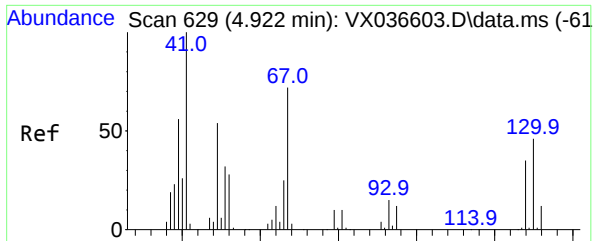
Tgt Ion:117 Resp: 12991
Ion Ratio Lower Upper
117 100
119 5.8 78.2 117.2#
121 0.0 24.4 36.6#



#40
Benzene
Concen: 94.665 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

Tgt Ion: 78 Resp: 607588
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9

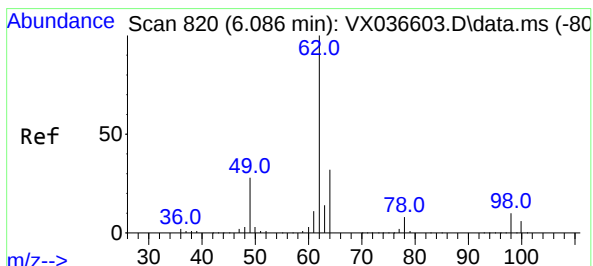
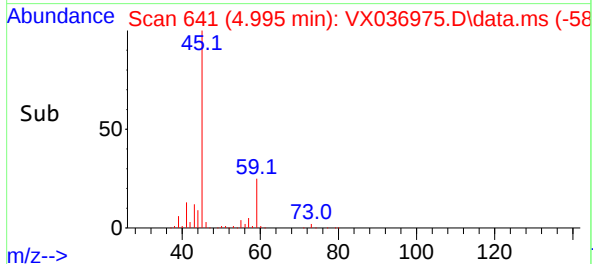
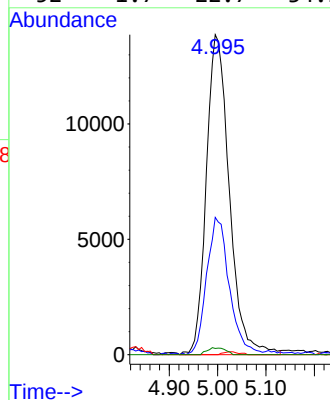
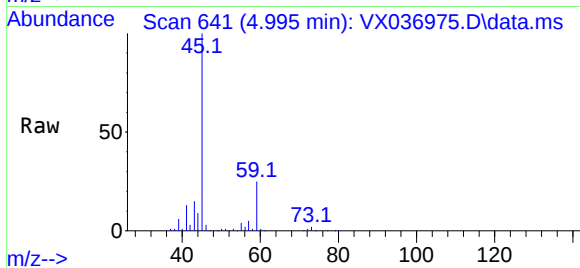




#41
Methacrylonitrile
Concen: 34.277 ug/l
RT: 4.995 min Scan# 641
Delta R.T. 0.073 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

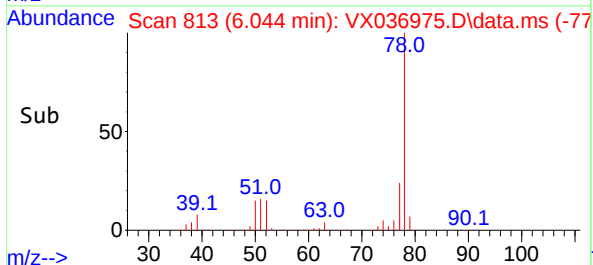
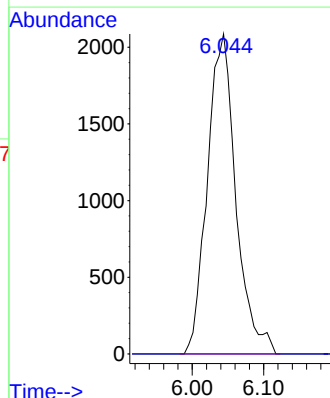
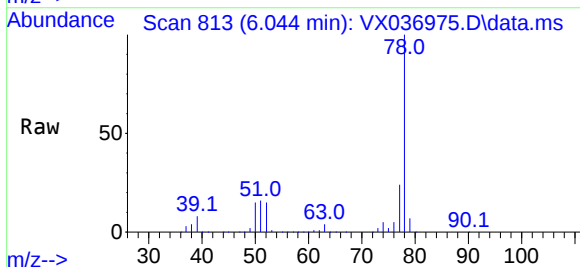
Instrument :
MSVOA_X
ClientSampleId :
713-F

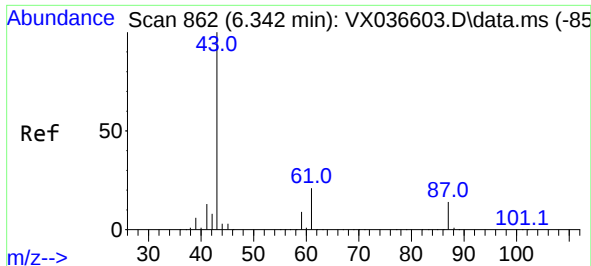
Tgt Ion:	41	Resp:	45775
Ion	Ratio	Lower	Upper
41	100		
39	42.4	45.2	67.8#
67	0.0	52.6	78.8#
52	1.7	22.7	34.1#



#42
1,2-Dichloroethane
Concen: 2.464 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.043 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

Tgt Ion:	62	Resp:	5783
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	16.0

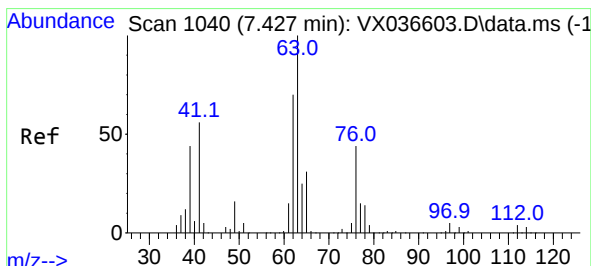
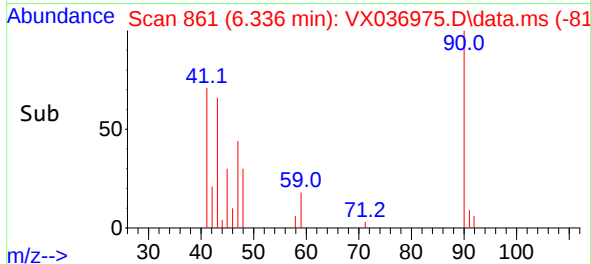
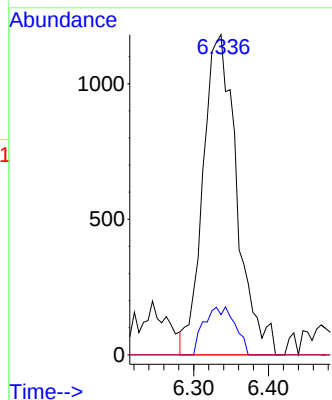
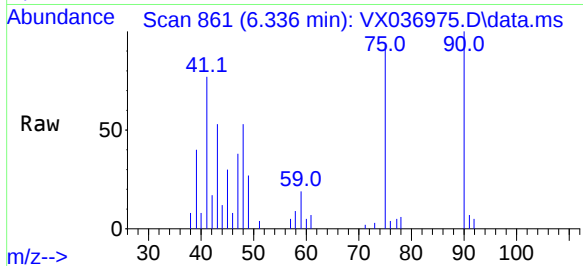




#43
Isopropyl Acetate
Concen: 0.862 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

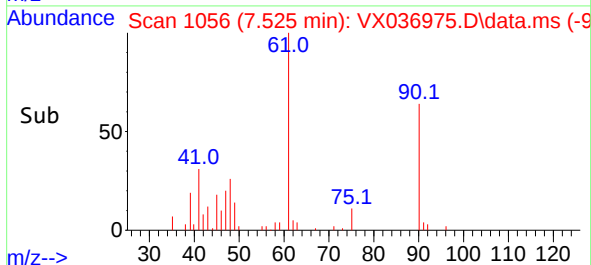
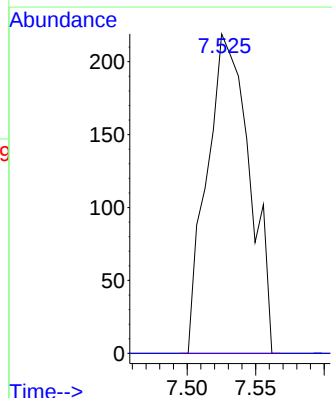
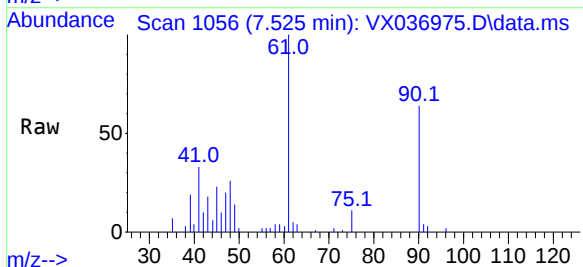
Instrument :
MSVOA_X
ClientSampleId :
713-F

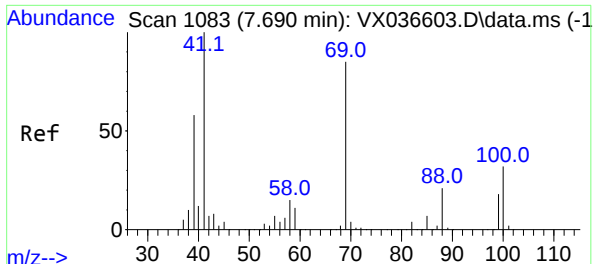
Tgt Ion: 43 Resp: 3705
Ion Ratio Lower Upper
43 100
61 13.7 15.2 22.8#
87 0.0 9.8 14.6#



#45
1,2-Dichloropropane
Concen: 0.276 ug/l
RT: 7.525 min Scan# 1056
Delta R.T. 0.098 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

Tgt Ion: 63 Resp: 473
Ion Ratio Lower Upper
63 100
65 0.0 24.3 36.5#





#48

Methyl methacrylate

Concen: 1.293 ug/l

RT: 7.684 min Scan# 1079

Delta R.T. -0.006 min

Lab File: VX036975.D

Acq: 14 Aug 2023 19:24

Instrument :

MSVOA_X

ClientSampleId :

713-F

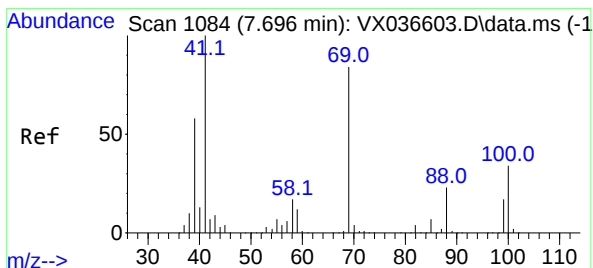
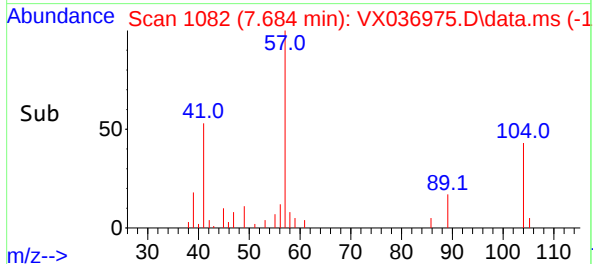
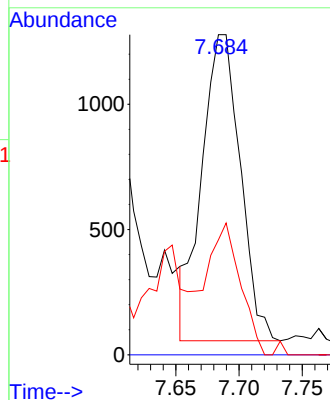
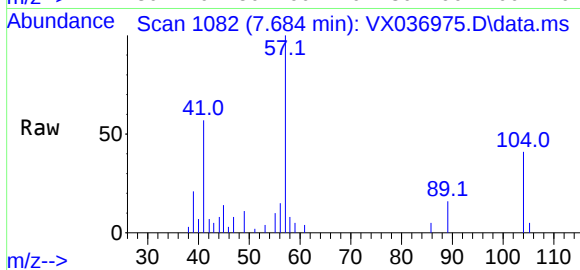
Tgt Ion: 41 Resp: 2585

Ion Ratio Lower Upper

41 100

69 0.0 59.2 88.8#

39 36.1 47.7 71.5#



#49

1,4-Dioxane

Concen: 1.164 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. -0.030 min

Lab File: VX036975.D

Acq: 14 Aug 2023 19:24

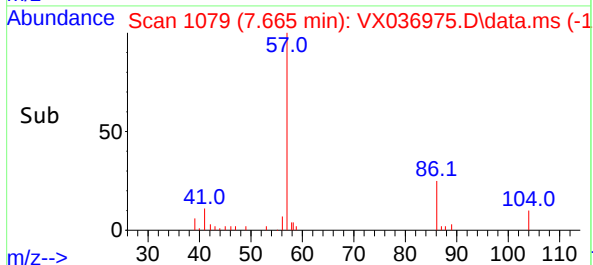
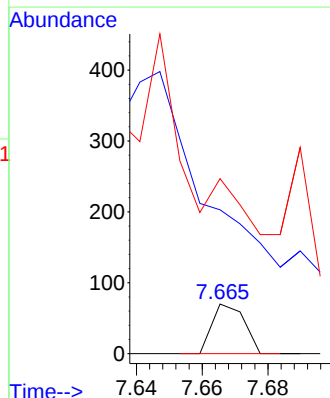
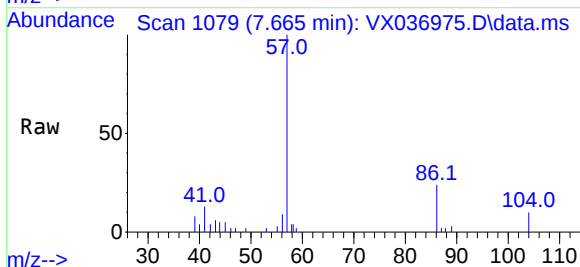
Tgt Ion: 88 Resp: 47

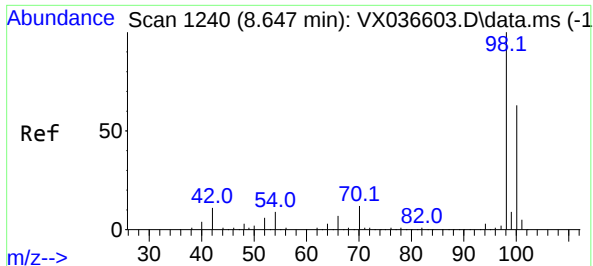
Ion Ratio Lower Upper

88 100

43 1657.4 0.0 0.0#

58 1057.4 60.1 90.1#

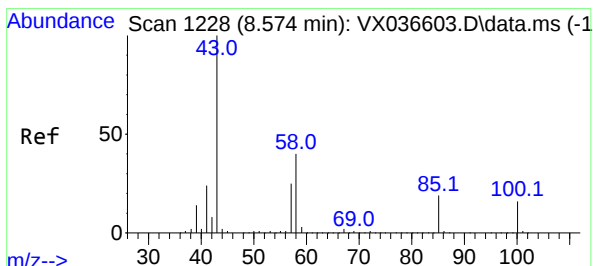
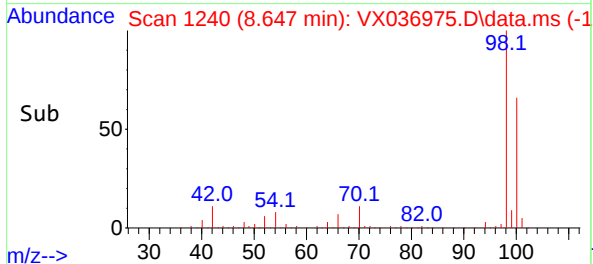
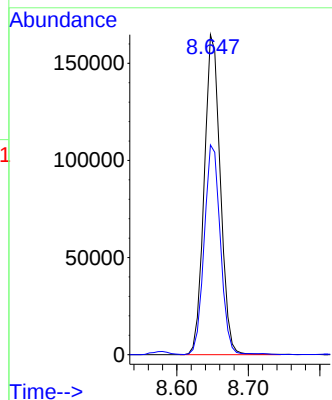
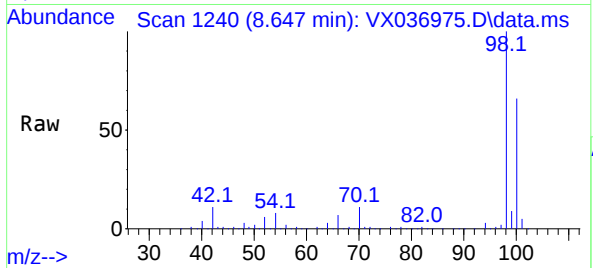




#50
Toluene-d8
Concen: 49.159 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

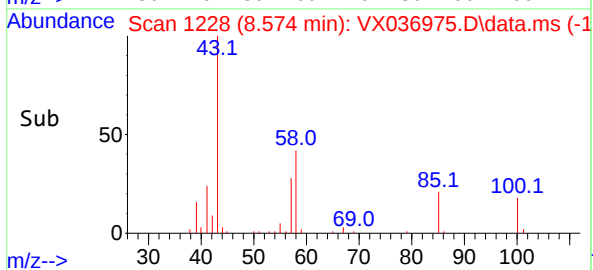
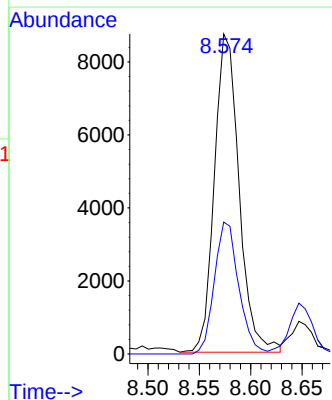
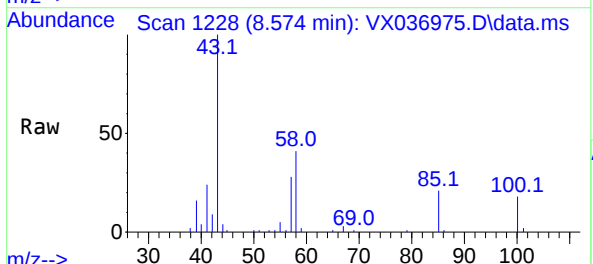
Instrument :
MSVOA_X
ClientSampleId :
713-F

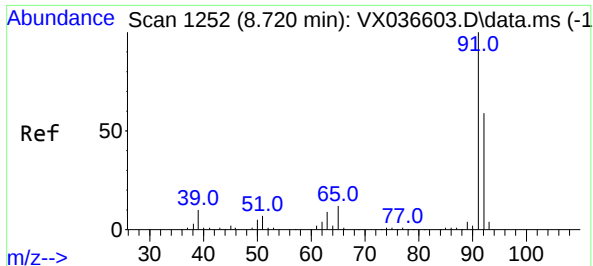
Tgt Ion: 98 Resp: 258017
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 6.119 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

Tgt Ion: 43 Resp: 14553
Ion Ratio Lower Upper
43 100
58 40.9 30.4 45.6

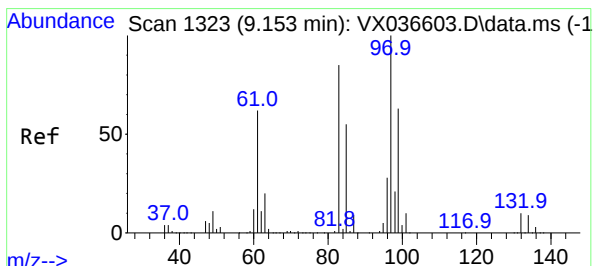
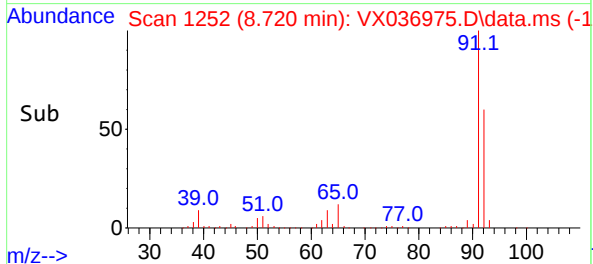
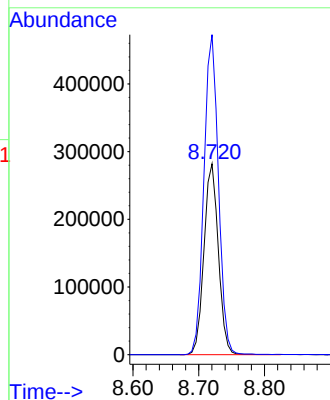
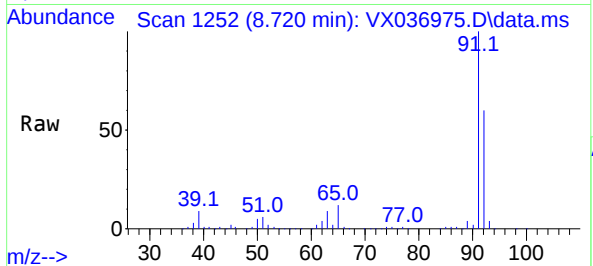




#52
Toluene
Concen: 106.654 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

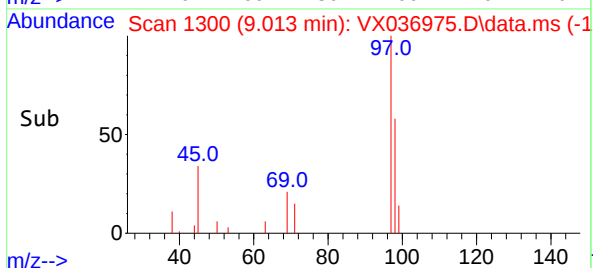
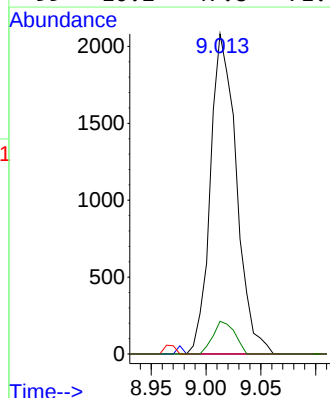
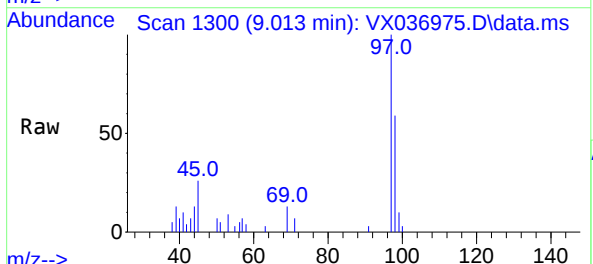
Instrument :
MSVOA_X
ClientSampleId :
713-F

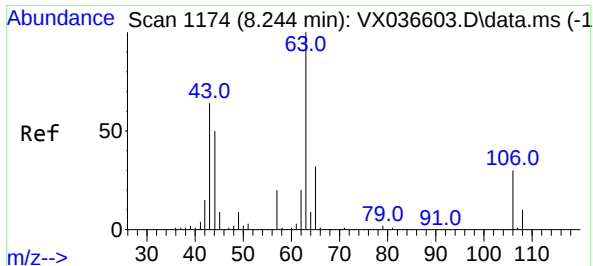
Tgt Ion: 92 Resp: 428920
Ion Ratio Lower Upper
92 100
91 168.9 134.2 201.2



#55
1,1,2-Trichloroethane
Concen: 2.036 ug/l
RT: 9.013 min Scan# 1300
Delta R.T. -0.140 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

Tgt Ion: 97 Resp: 3442
Ion Ratio Lower Upper
97 100
83 0.0 65.8 98.8#
85 0.0 41.6 62.4#
99 10.2 47.8 71.8#

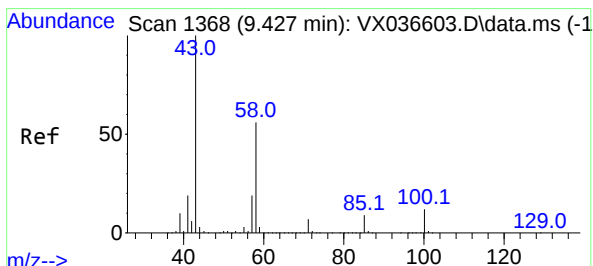
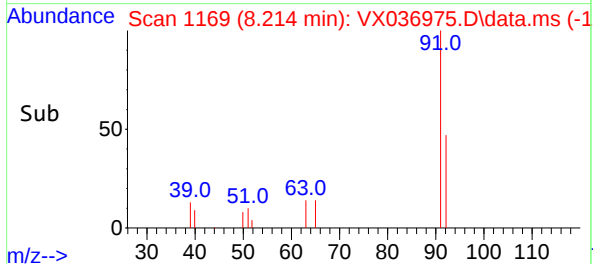
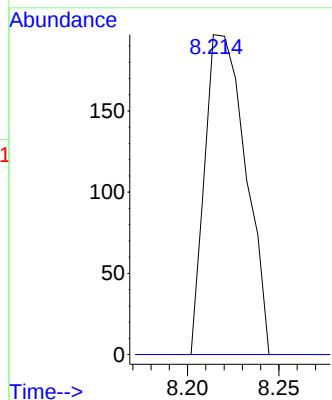
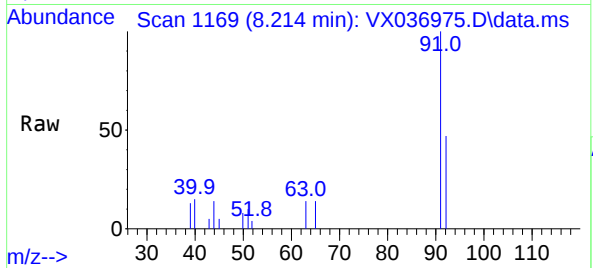




#58
2-Chloroethyl Vinyl ether
Concen: 0.226 ug/l
RT: 8.214 min Scan# 1169
Delta R.T. -0.030 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

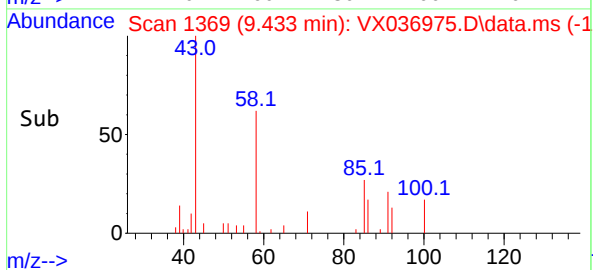
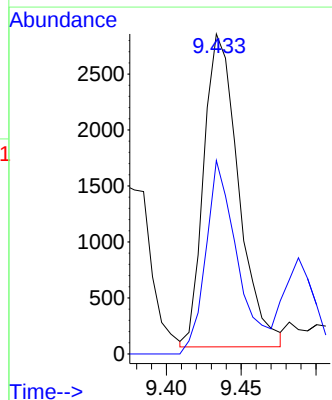
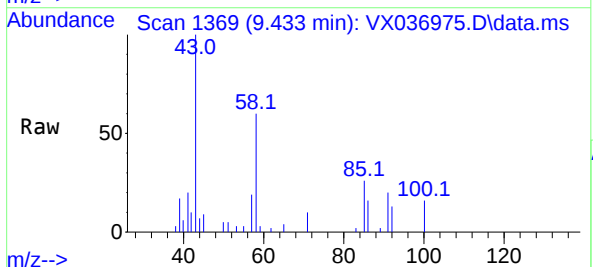
Instrument :
MSVOA_X
ClientSampleId :
713-F

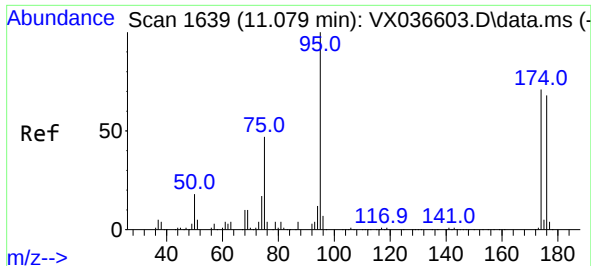
Tgt Ion: 63 Resp: 306
Ion Ratio Lower Upper
63 100
106 0.0 22.5 33.7#



#59
2-Hexanone
Concen: 2.563 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

Tgt Ion: 43 Resp: 4525
Ion Ratio Lower Upper
43 100
58 56.4 26.2 78.5

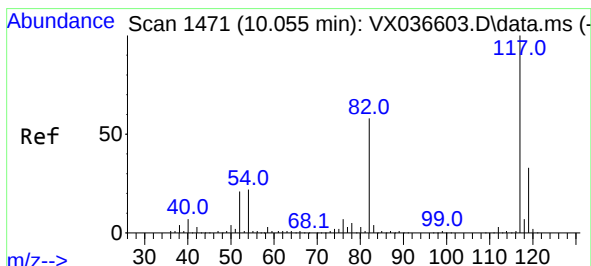
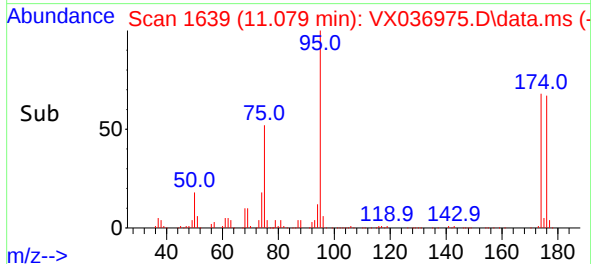
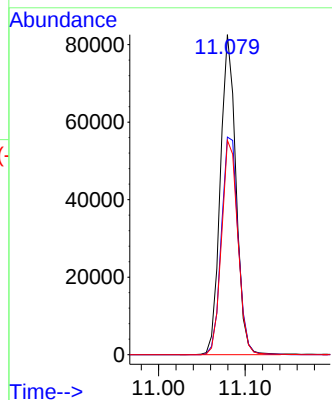
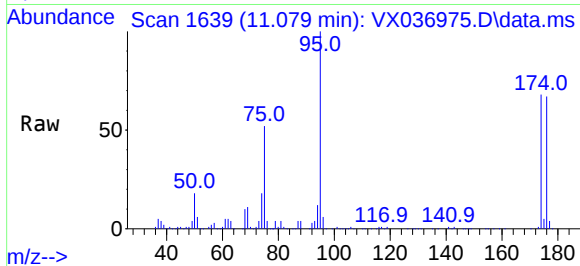




#62
4-Bromofluorobenzene
Concen: 52.199 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

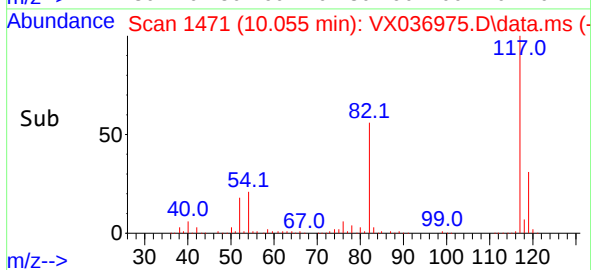
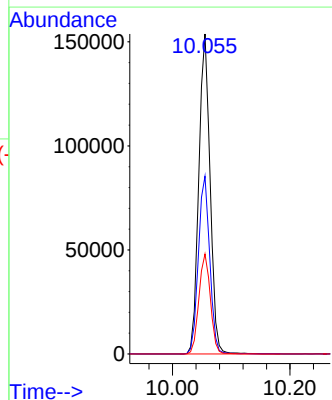
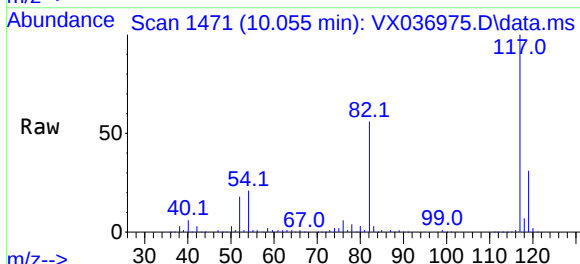
Instrument :
MSVOA_X
ClientSampleId :
713-F

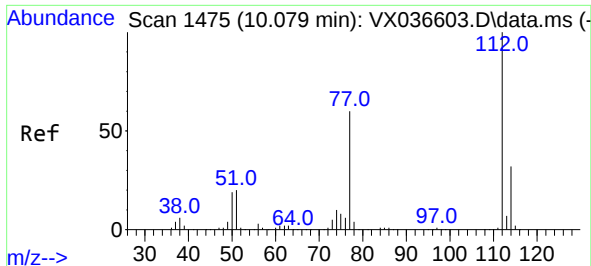
Tgt Ion: 95 Resp: 103365
Ion Ratio Lower Upper
95 100
174 72.7 0.0 135.6
176 69.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

Tgt Ion: 117 Resp: 205598
Ion Ratio Lower Upper
117 100
82 55.6 46.2 69.4
119 31.2 25.5 38.3

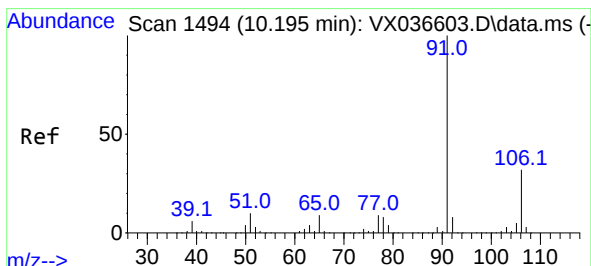
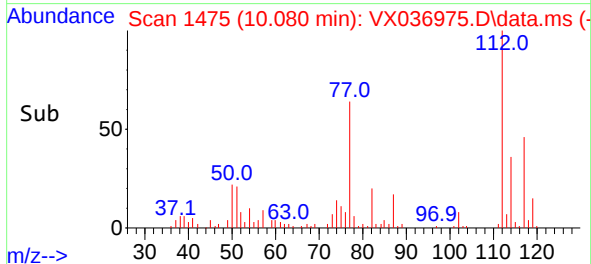
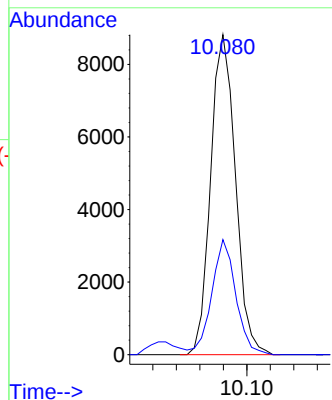
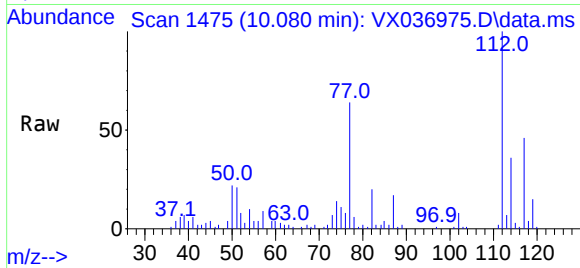




#65
Chlorobenzene
Concen: 2.851 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

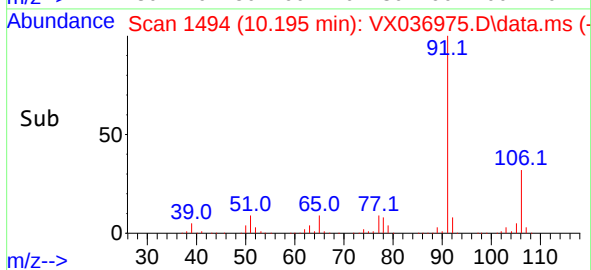
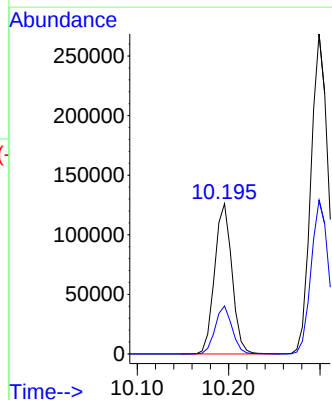
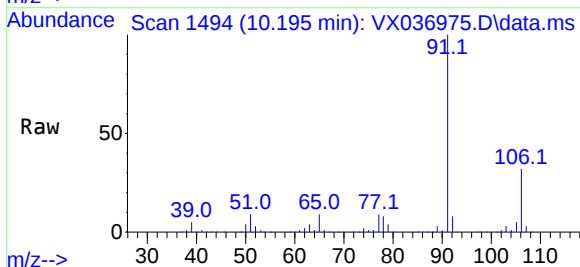
Instrument :
MSVOA_X
ClientSampleId :
713-F

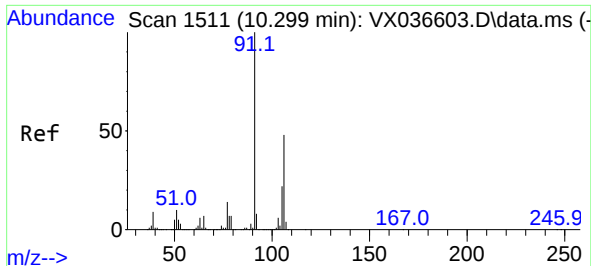
Tgt Ion:112 Resp: 12921
Ion Ratio Lower Upper
112 100
114 35.9 25.7 38.5



#67
Ethyl Benzene
Concen: 20.078 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

Tgt Ion: 91 Resp: 166228
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3

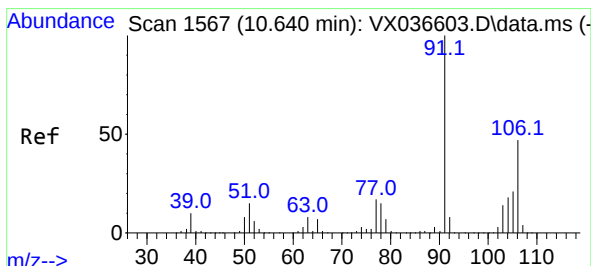
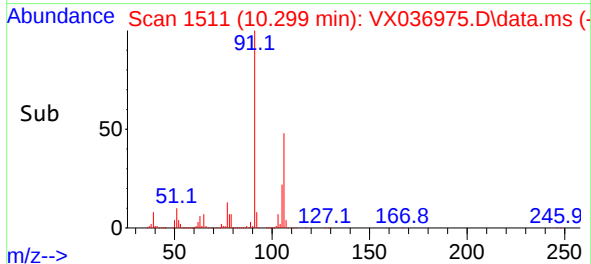
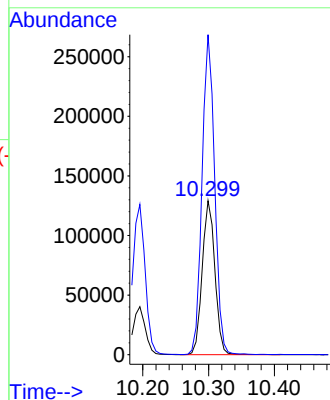
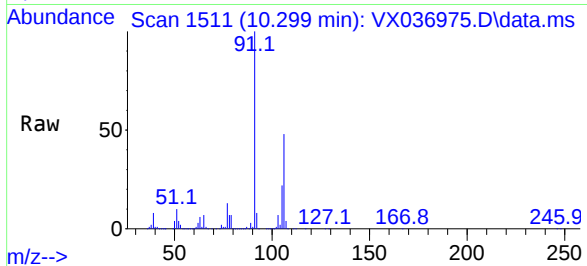




#68
m/p-Xylenes
Concen: 56.176 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

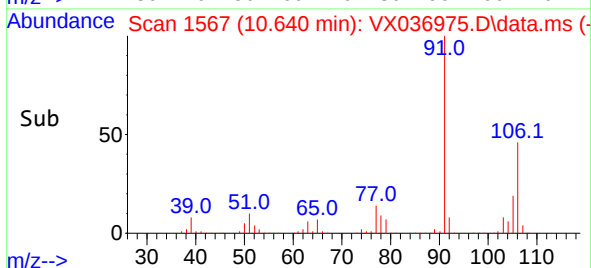
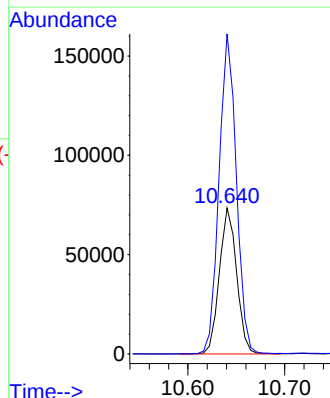
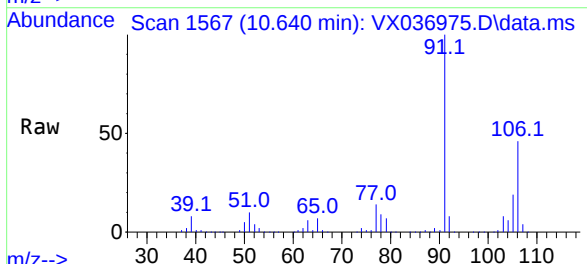
Instrument :
MSVOA_X
ClientSampleId :
713-F

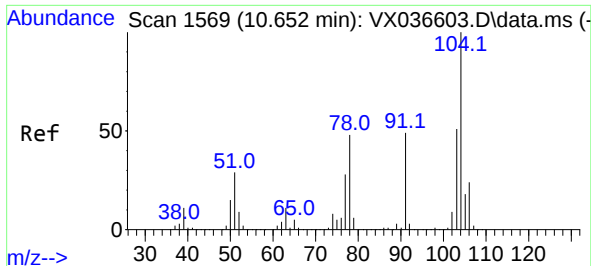
Tgt Ion:106 Resp: 173529
Ion Ratio Lower Upper
106 100
91 205.7 165.5 248.3



#69
o-Xylene
Concen: 29.546 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

Tgt Ion:106 Resp: 91100
Ion Ratio Lower Upper
106 100
91 219.6 108.9 326.8

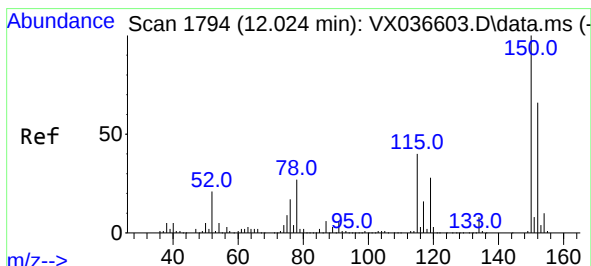
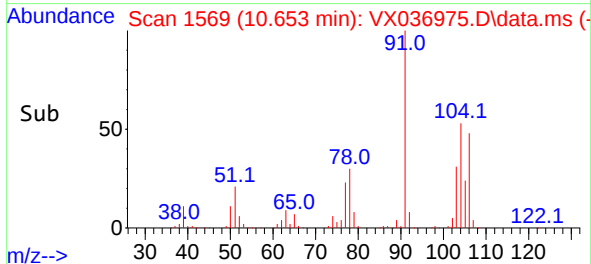
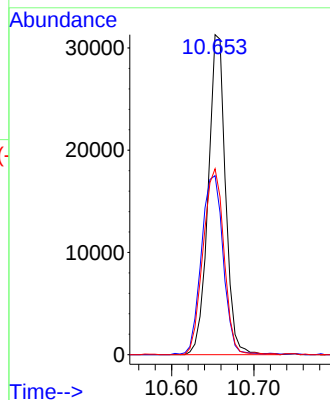
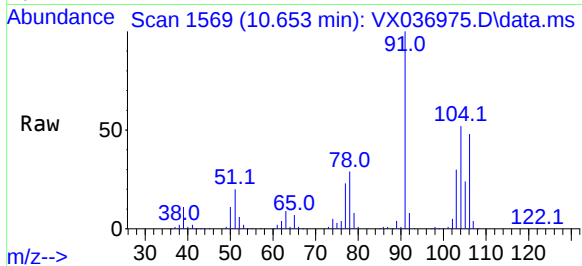




#70
Styrene
Concen: 8.988 ug/l
RT: 10.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

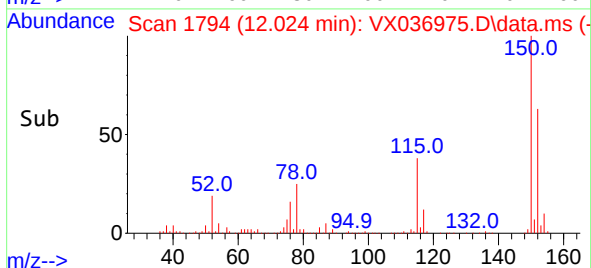
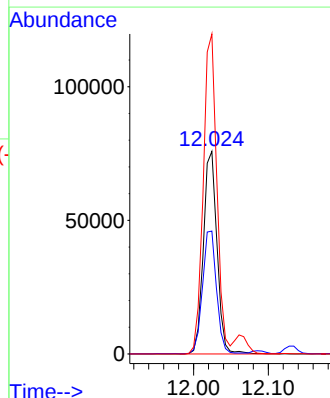
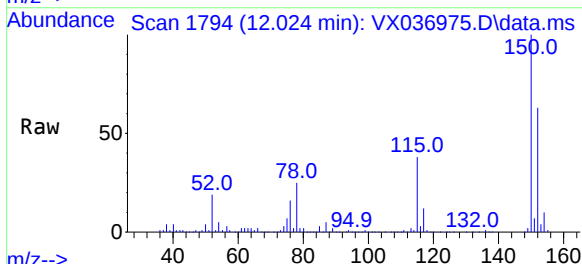
Instrument :
MSVOA_X
ClientSampleId :
713-F

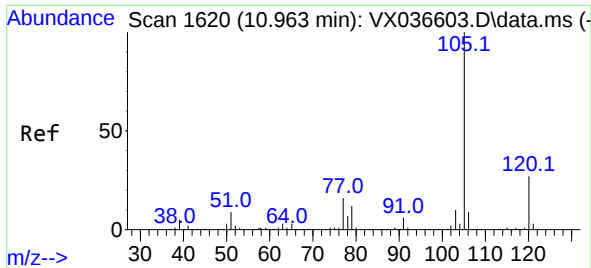
Tgt Ion:104 Resp: 45721
Ion Ratio Lower Upper
104 100
78 70.7 43.6 65.4#
103 70.3 43.6 65.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

Tgt Ion:152 Resp: 95875
Ion Ratio Lower Upper
152 100
115 62.5 43.3 129.9
150 157.3 0.0 345.0

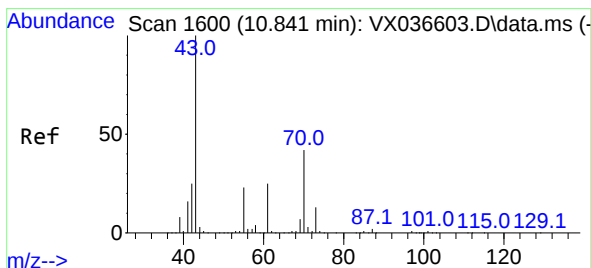
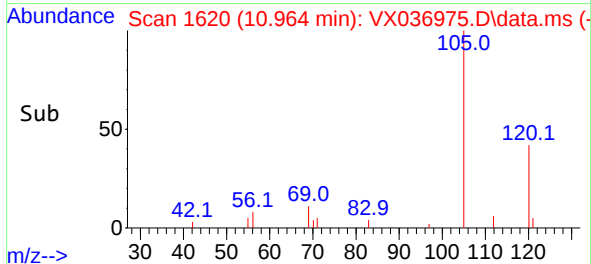
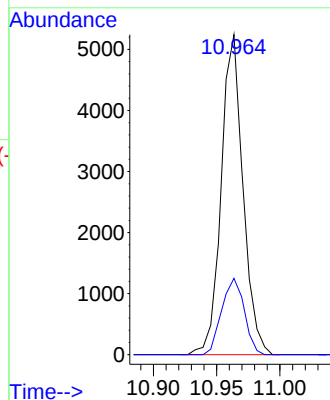
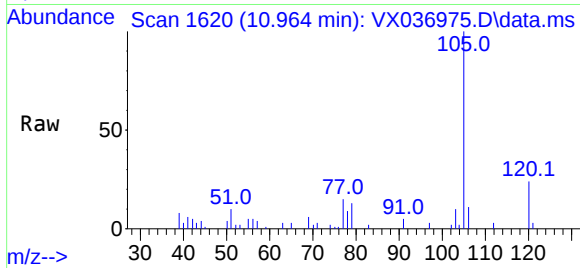




#73
Isopropylbenzene
Concen: 0.790 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

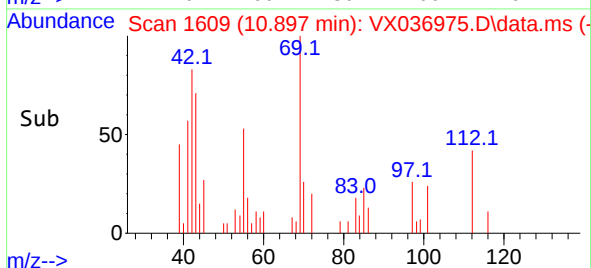
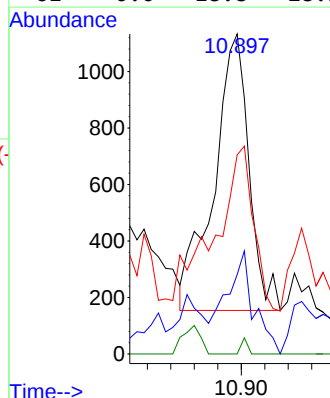
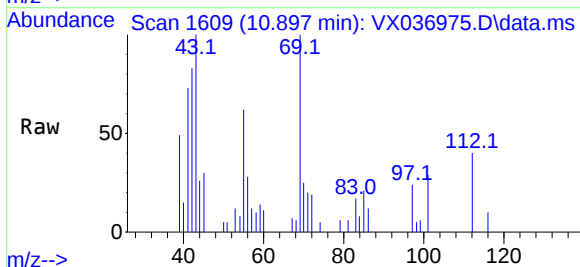
Instrument :
MSVOA_X
ClientSampleId :
713-F

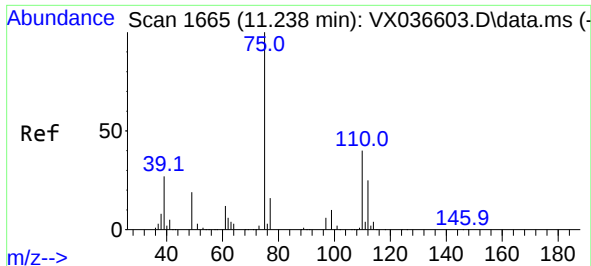
Tgt Ion:105 Resp: 6265
Ion Ratio Lower Upper
105 100
120 24.7 12.9 38.6



#74
N-ethyl acetate
Concen: 0.551 ug/l
RT: 10.897 min Scan# 1609
Delta R.T. 0.055 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

Tgt Ion: 43 Resp: 2040
Ion Ratio Lower Upper
43 100
70 29.6 32.9 49.3#
55 86.2 19.3 28.9#
61 0.0 18.8 28.2#

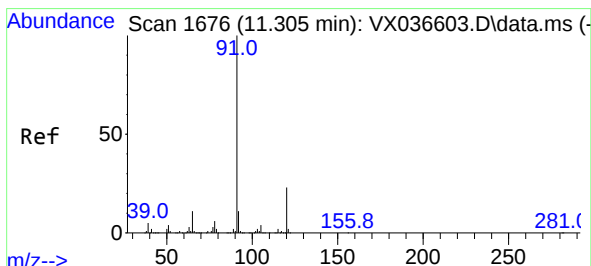
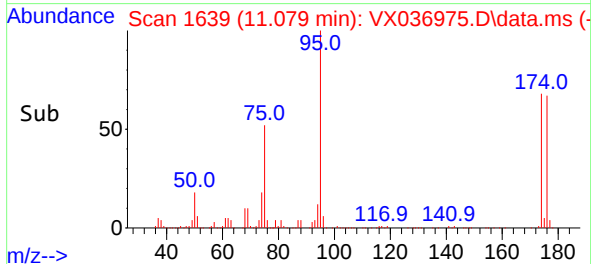
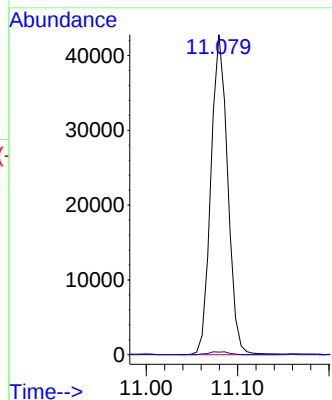
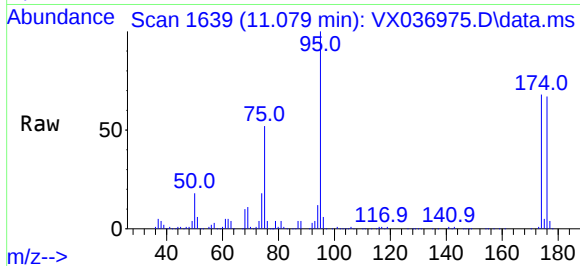




#76
1,2,3-Trichloropropane
Concen: 24.143 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

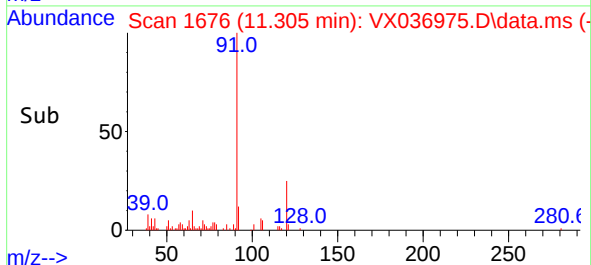
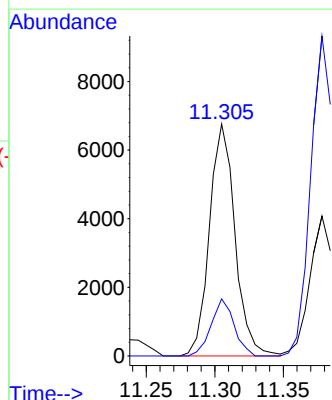
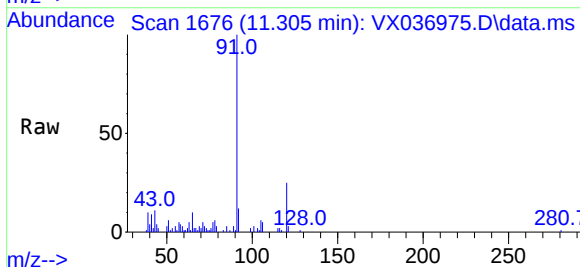
Instrument :
MSVOA_X
ClientSampleId :
713-F

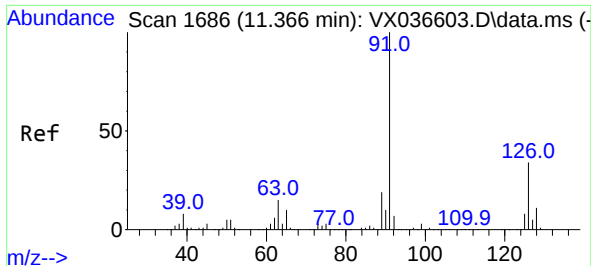
Tgt Ion: 75 Resp: 54444
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#78
n-propylbenzene
Concen: 0.957 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

Tgt Ion: 91 Resp: 8780
Ion Ratio Lower Upper
91 100
120 22.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 1.175 ug/l

RT: 11.378 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX036975.D

Acq: 14 Aug 2023 19:24

Instrument :

MSVOA_X

ClientSampleId :

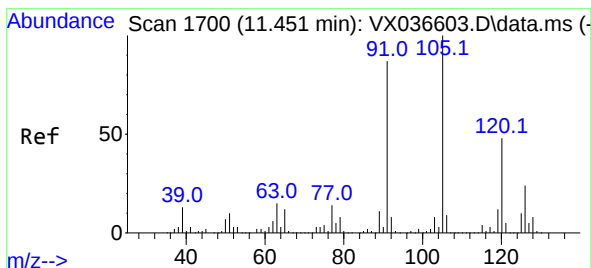
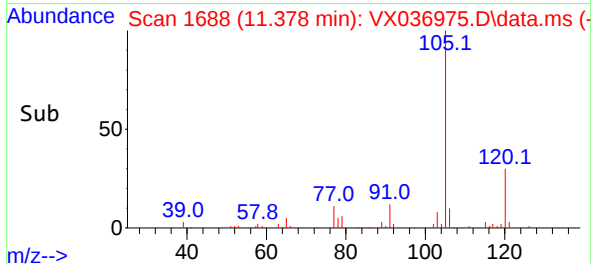
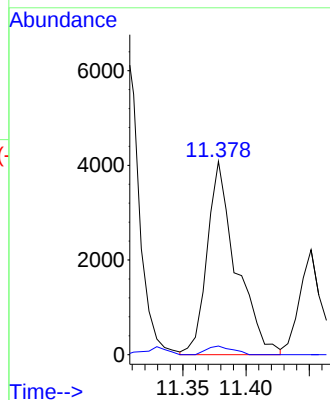
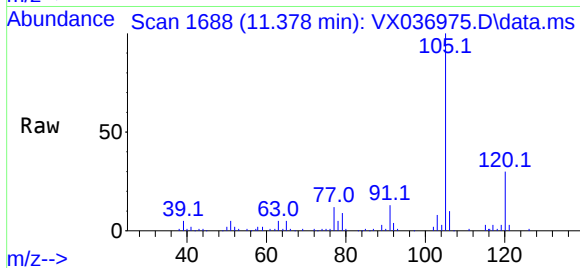
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Tgt Ion: 91 Resp: 6534

Ion Ratio Lower Upper

91 100

126 4.0 16.3 48.8#



#80

1,3,5-Trimethylbenzene

Concen: 3.106 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX036975.D

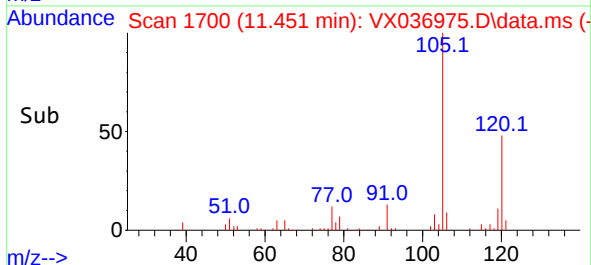
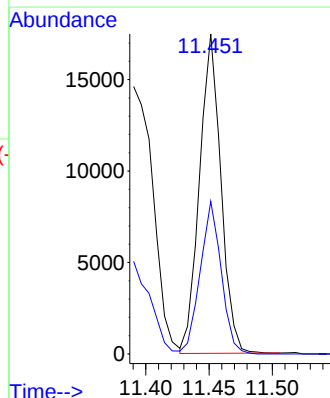
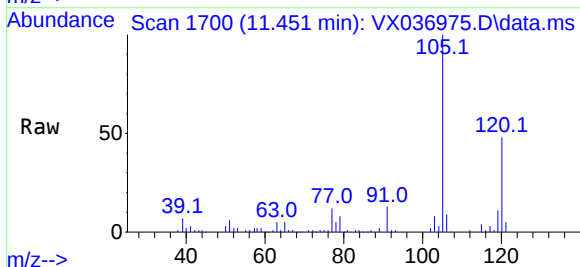
Acq: 14 Aug 2023 19:24

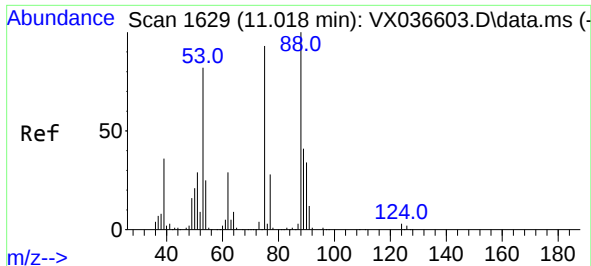
Tgt Ion: 105 Resp: 20619

Ion Ratio Lower Upper

105 100

120 46.8 24.1 72.3

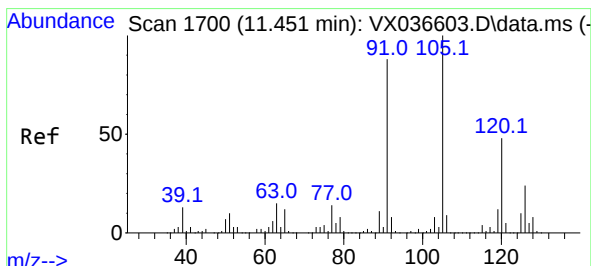
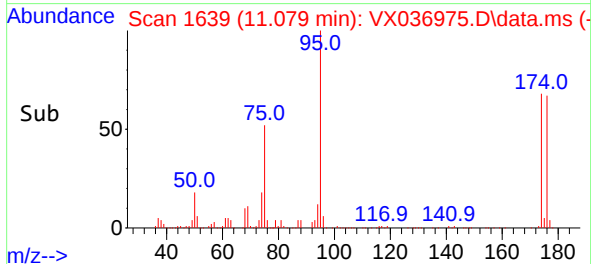
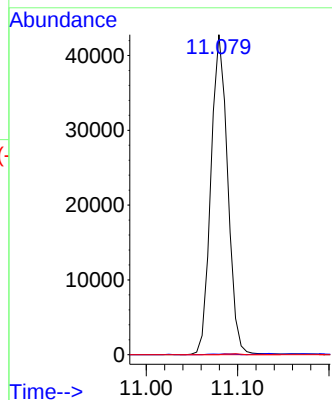
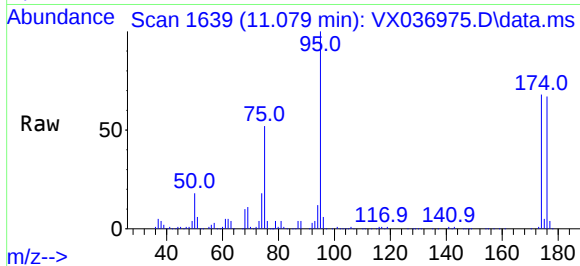




#81
trans-1,4-Dichloro-2-butene
Concen: 54.721 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

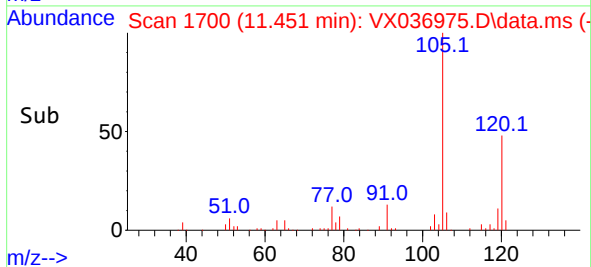
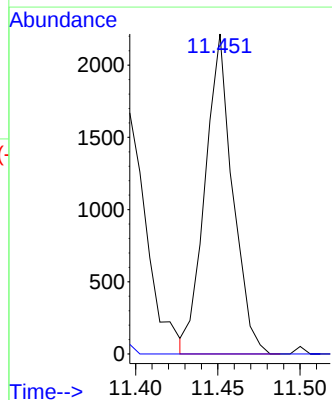
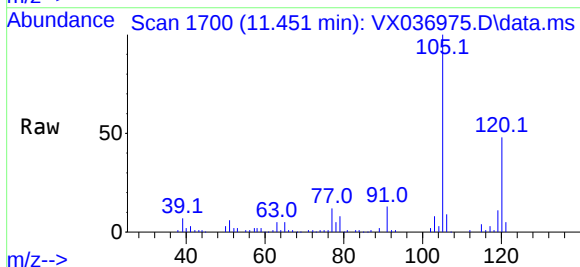
Instrument :
MSVOA_X
ClientSampleId :
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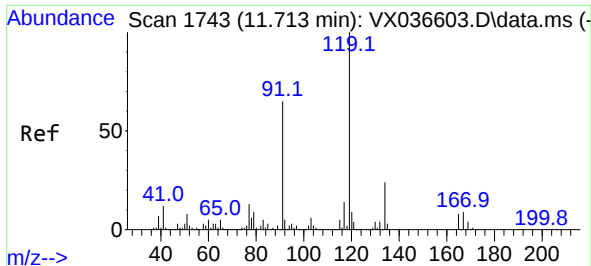
Tgt Ion: 75 Resp: 54444
Ion Ratio Lower Upper
75 100
53 0.3 90.5 135.7#
89 0.2 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.408 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

Tgt Ion: 91 Resp: 2584
Ion Ratio Lower Upper
91 100
126 0.0 14.2 42.6#

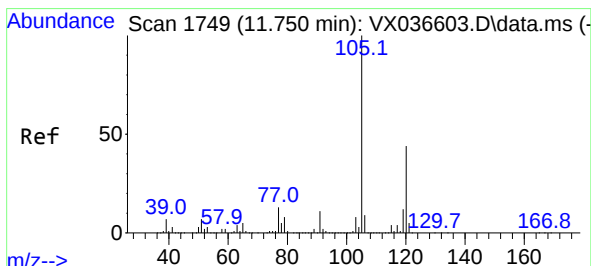
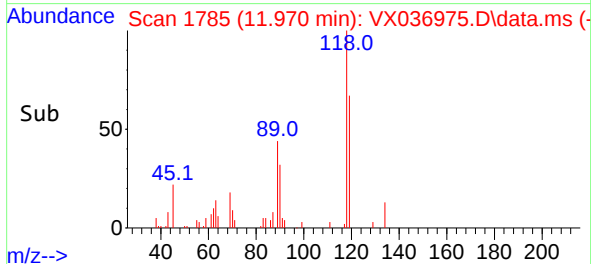
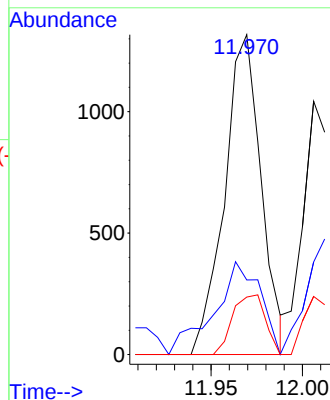
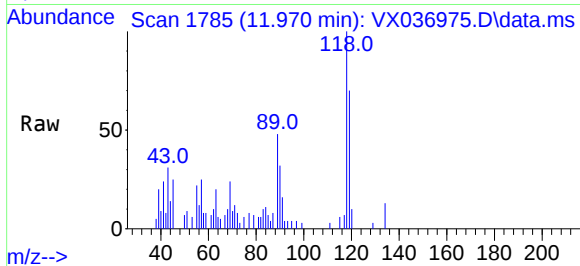




#83
tert-Butylbenzene
Concen: 0.282 ug/l
RT: 11.970 min Scan# 11
Delta R.T. 0.256 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

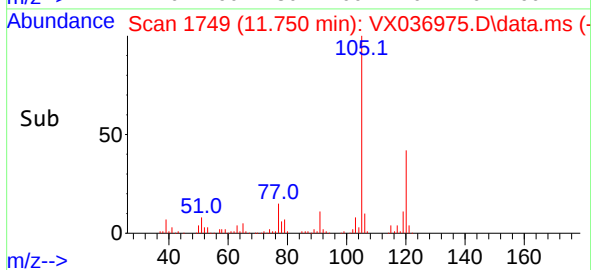
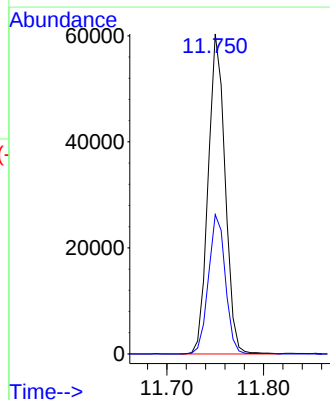
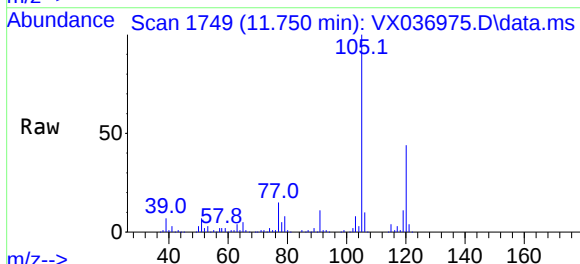
Instrument :
MSVOA_X
ClientSampleId :
713-F

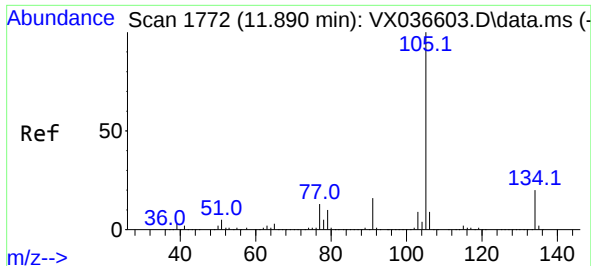
Tgt Ion:	119	Resp:	1837
Ion	Ratio	Lower	Upper
119	100		
91	36.5	31.2	93.6
134	16.7	11.7	35.0



#84
1,2,4-Trimethylbenzene
Concen: 11.089 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

Tgt Ion:	105	Resp:	73610
Ion	Ratio	Lower	Upper
105	100		
120	43.5	21.2	63.6

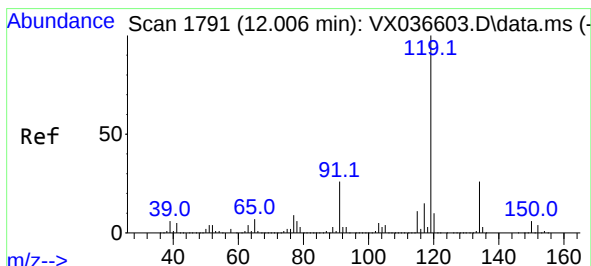
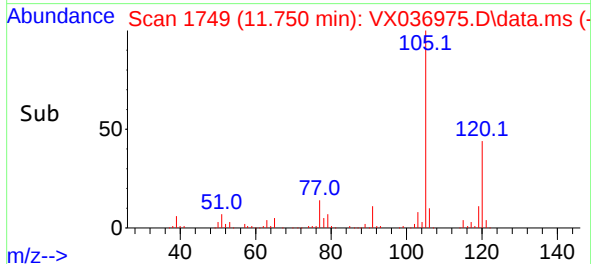
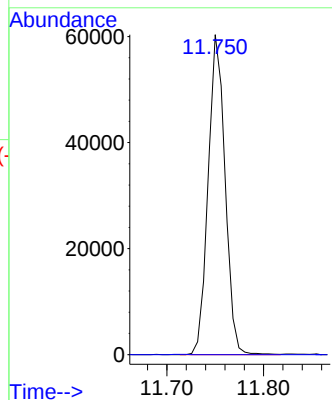
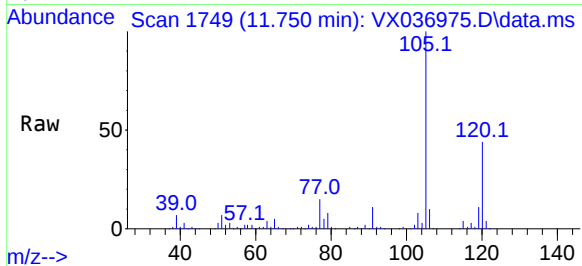




#85
 sec-Butylbenzene
 Concen: 9.052 ug/l
 RT: 11.750 min Scan# 1785
 Delta R.T. -0.140 min
 Lab File: VX036975.D
 Acq: 14 Aug 2023 19:24

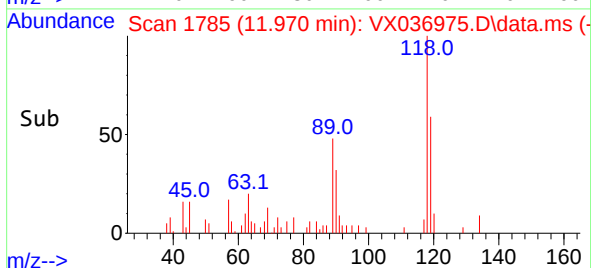
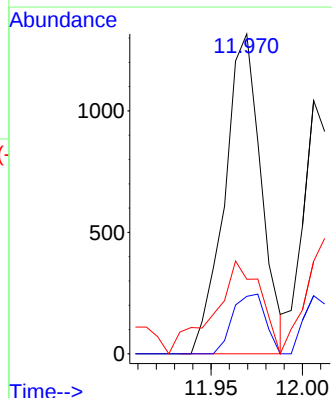
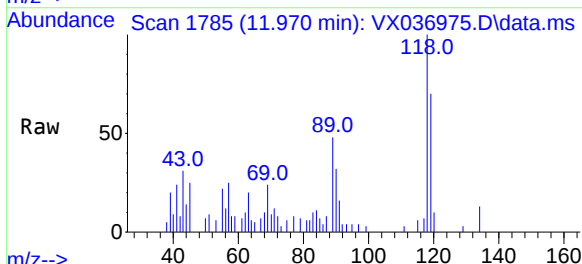
Instrument :
 MSVOA_X
 ClientSampleId :
 713-F

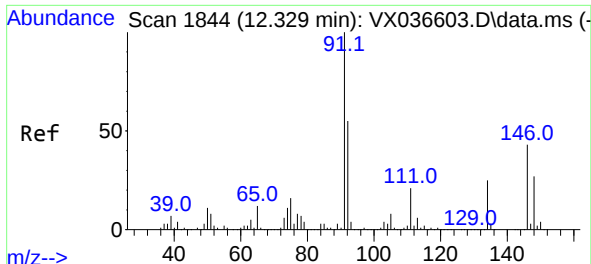
Tgt Ion:105 Resp: 73610
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.4#



#86
 p-Isopropyltoluene
 Concen: 0.275 ug/l
 RT: 11.970 min Scan# 1785
 Delta R.T. -0.036 min
 Lab File: VX036975.D
 Acq: 14 Aug 2023 19:24

Tgt Ion:119 Resp: 1837
 Ion Ratio Lower Upper
 119 100
 134 16.7 12.8 38.3
 91 36.5 13.1 39.3

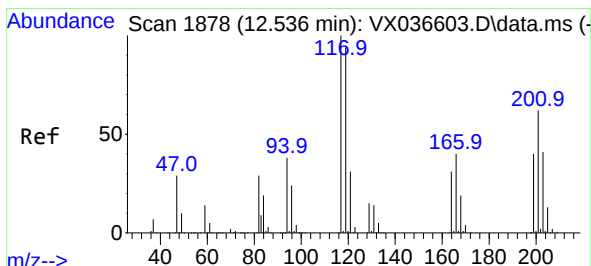
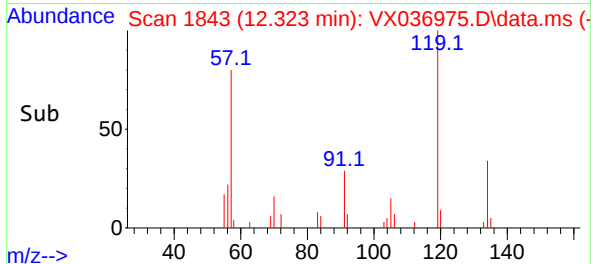
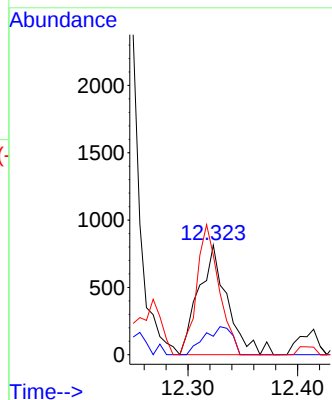
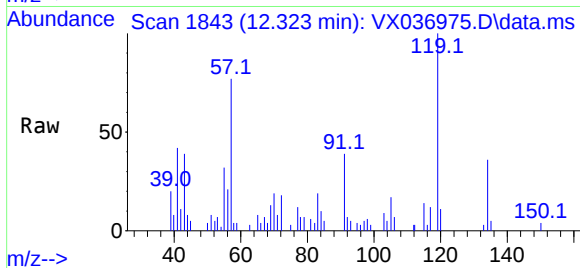




#89
n-Butylbenzene
Concen: 0.247 ug/l
RT: 12.323 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

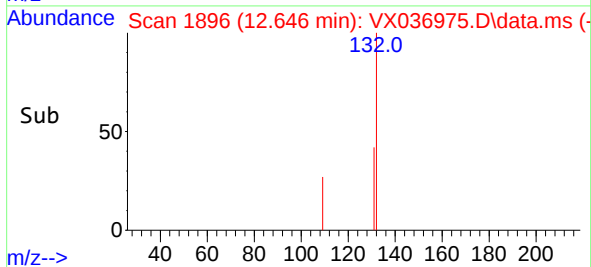
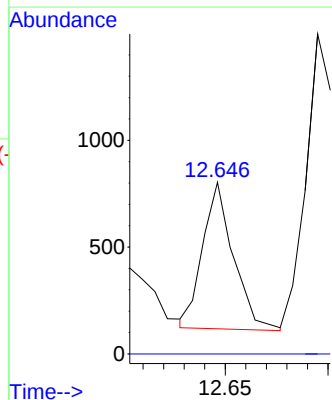
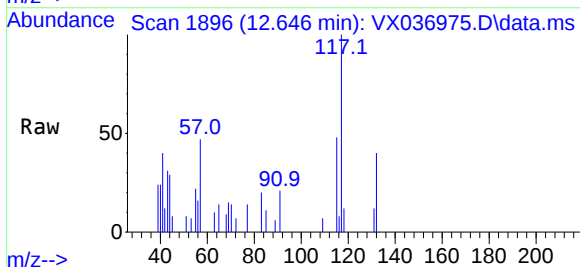
Instrument :
MSVOA_X
ClientSampleId :
713-F

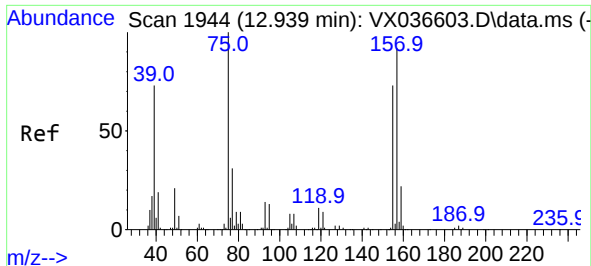
Tgt Ion: 91 Resp: 1482
Ion Ratio Lower Upper
91 100
92 24.8 27.4 82.0#
134 91.8 12.6 37.8#



#90
Hexachloroethane
Concen: 0.525 ug/l
RT: 12.646 min Scan# 1896
Delta R.T. 0.110 min
Lab File: VX036975.D
Acq: 14 Aug 2023 19:24

Tgt Ion: 117 Resp: 712
Ion Ratio Lower Upper
117 100
201 0.0 32.9 98.6#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.323 ug/l

RT: 12.957 min Scan# 1944

Delta R.T. 0.018 min

Lab File: VX036975.D

Acq: 14 Aug 2023 19:24

Instrument :

MSVOA_X

ClientSampleId :

713-F

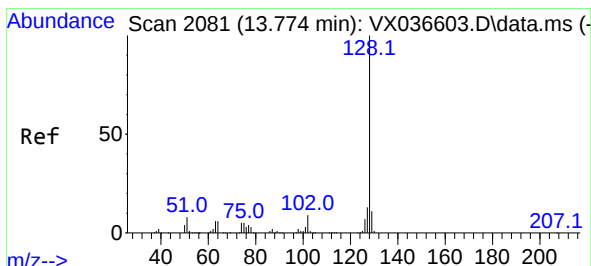
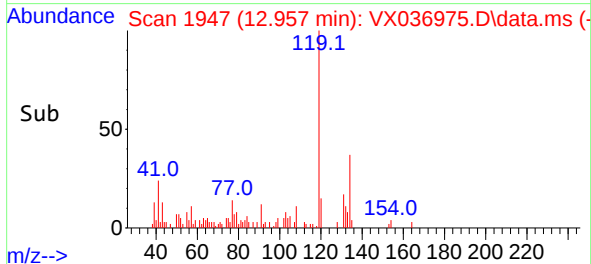
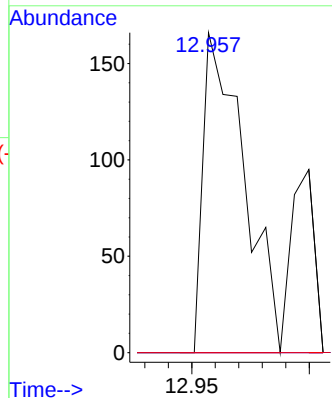
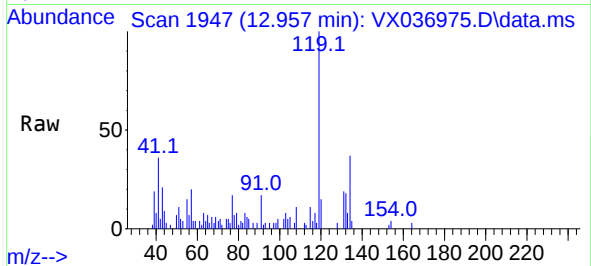
Tgt Ion: 75 Resp: 201

Ion Ratio Lower Upper

75 100

155 0.0 36.1 108.5#

157 0.0 44.9 134.7#



#95

Naphthalene

Concen: 82.573 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX036975.D

Acq: 14 Aug 2023 19:24

Tgt Ion: 128 Resp: 572536

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 11.0 8.8 13.2

