

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072123\
 Data File : VX036608.D
 Acq On : 21 Jul 2023 13:32
 Operator : JC/MD
 Sample : VX0721WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0721WBL01

Quant Time: Jul 21 23:04:29 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	5.550	168	204031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	350273	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	311785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	140820	46.646	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.300%
35) Dibromofluoromethane	5.385	113	112100	46.561	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.120%
50) Toluene-d8	8.647	98	419560	49.141	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.280%
62) 4-Bromofluorobenzene	11.079	95	155366	48.233	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	228	0.085	ug/l #	41
3) Chloromethane	1.288	50	459	0.187	ug/l #	72
4) Vinyl Chloride	1.374	62	143	0.057	ug/l #	1
7) Trichlorofluoromethane	1.892	101	86	0.022	ug/l #	48
8) Diethyl Ether	2.142	74	58	0.039	ug/l #	1
10) Methyl Iodide	2.459	142	316	0.131	ug/l #	78
12) 1,1-Dichloroethene	2.325	96	351	0.154	ug/l #	30
14) Allyl chloride	2.660	41	439	0.098	ug/l #	58
18) Methyl Acetate	2.703	43	384	0.073	ug/l #	69
19) Methyl tert-butyl Ether	3.136	73	23	0.003	ug/l #	54
22) Diisopropyl ether	3.782	45	194	0.023	ug/l #	21
23) Vinyl Acetate	3.721	43	370	0.056	ug/l #	73
26) 2,2-Dichloropropane	4.202	77	120	0.027	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	195	0.064	ug/l	60
29) Tetrahydrofuran	5.013	42	97	0.074	ug/l #	1
30) Chloroform	5.099	83	486	0.099	ug/l	85
31) Cyclohexane	5.464	56	201	0.048	ug/l #	32
32) 1,1,1-Trichloroethane	5.361	97	97	0.022	ug/l #	23
37) Ethyl Acetate	4.696	43	215	0.053	ug/l #	48
39) Methylcyclohexane	7.373	83	278	0.062	ug/l #	56
40) Benzene	6.044	78	281	0.027	ug/l #	11
41) Methacrylonitrile	4.922	41	145	0.067	ug/l #	28
42) 1,2-Dichloroethane	6.092	62	452	0.118	ug/l	95
43) Isopropyl Acetate	6.354	43	196	0.028	ug/l #	62
44) Trichloroethene	7.141	130	184	0.067	ug/l	69
46) Dibromomethane	7.580	93	117	0.060	ug/l #	17
47) Bromodichloromethane	7.824	83	167	0.042	ug/l #	26
48) Methyl methacrylate	7.671	41	153	0.047	ug/l #	69
51) 4-Methyl-2-Pentanone	8.574	43	618	0.160	ug/l	95
52) Toluene	8.720	92	289	0.044	ug/l #	19
53) t-1,3-Dichloropropene	8.988	75	372	0.082	ug/l	91
54) cis-1,3-Dichloropropene	8.372	75	202	0.042	ug/l #	50
55) 1,1,2-Trichloroethane	9.159	97	57	0.021	ug/l #	54
56) Ethyl methacrylate	9.116	69	145	0.032	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	69	0.015	ug/l #	42
58) 2-Chloroethyl Vinyl ether	8.263	63	244	0.111	ug/l #	64

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

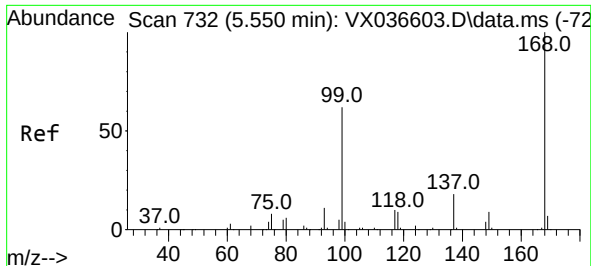
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0721WBL01

Quant Time: Jul 21 23:04:29 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)	

59) 2-Hexanone	9.439	43	135	0.047	ug/l #	1	
60) Dibromochloromethane	9.519	129	88	0.029	ug/l #	35	
61) 1,2-Dibromoethane	9.616	107	160	0.056	ug/l #	70	
64) Tetrachloroethene	9.269	164	165	0.071	ug/l #	79	
65) Chlorobenzene	10.079	112	509	0.074	ug/l	95	
67) Ethyl Benzene	10.195	91	687	0.055	ug/l	95	
68) m/p-Xylenes	10.305	106	566	0.121	ug/l #	72	
69) o-Xylene	10.646	106	218	0.047	ug/l	82	
70) Styrene	10.665	104	500	0.065	ug/l	92	
71) Bromoform	10.799	173	47	0.022	ug/l #	29	
73) Isopropylbenzene	10.970	105	605	0.052	ug/l	83	
74) N-amyl acetate	10.854	43	120	0.022	ug/l #	25	
77) Bromobenzene	11.201	156	200	0.076	ug/l #	40	
78) n-propylbenzene	11.305	91	1103	0.083	ug/l	86	
79) 2-Chlorotoluene	11.366	91	716	0.088	ug/l	81	
80) 1,3,5-Trimethylbenzene	11.451	105	545	0.056	ug/l	88	
82) 4-Chlorotoluene	11.457	91	1231	0.133	ug/l	94	
83) tert-Butylbenzene	11.719	119	451	0.048	ug/l #	54	
84) 1,2,4-Trimethylbenzene	11.756	105	705	0.073	ug/l	94	
85) sec-Butylbenzene	11.890	105	917	0.077	ug/l	95	
86) p-Isopropyltoluene	12.012	119	781	0.080	ug/l #	1	
87) 1,3-Dichlorobenzene	11.969	146	648	0.133	ug/l	94	
88) 1,4-Dichlorobenzene	11.969	146	648	0.134	ug/l	93	
89) n-Butylbenzene	12.335	91	1466	0.168	ug/l	84	
91) 1,2-Dichlorobenzene	12.335	146	481	0.102	ug/l	95	
94) Hexachlorobutadiene	13.725	225	225	0.188	ug/l	88	

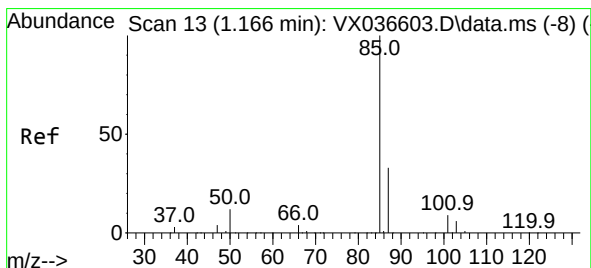
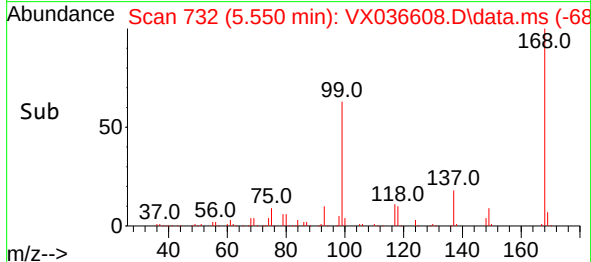
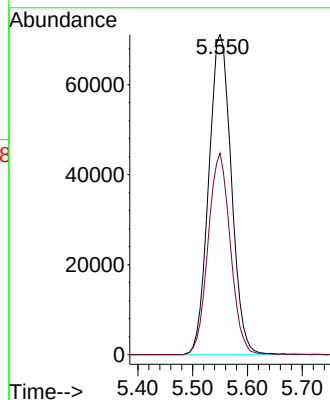
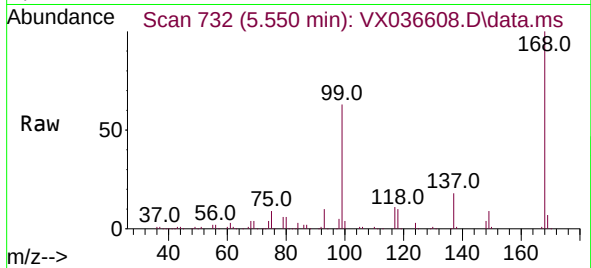
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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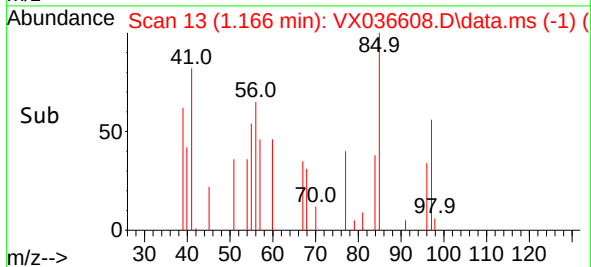
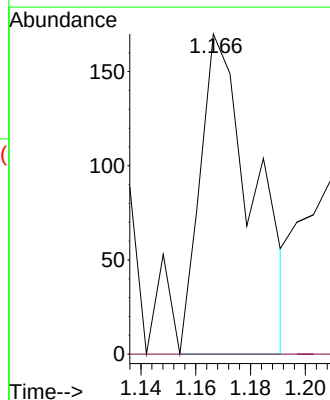
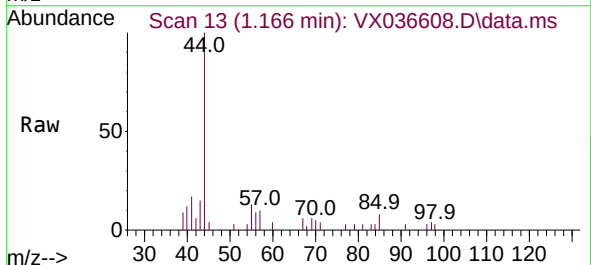
Instrument :
MSVOA_X
ClientSampleId :
VX0721WBL01

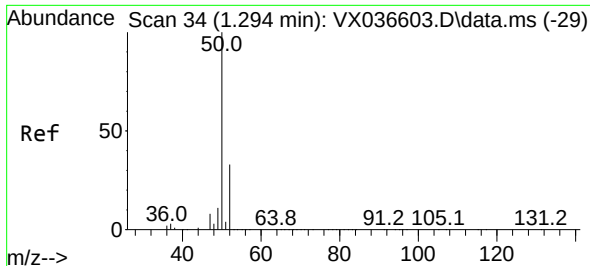
Tgt Ion:168 Resp: 204031
Ion Ratio Lower Upper
168 100
99 63.0 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.085 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

Tgt Ion: 85 Resp: 228
Ion Ratio Lower Upper
85 100
87 0.0 16.7 50.1#

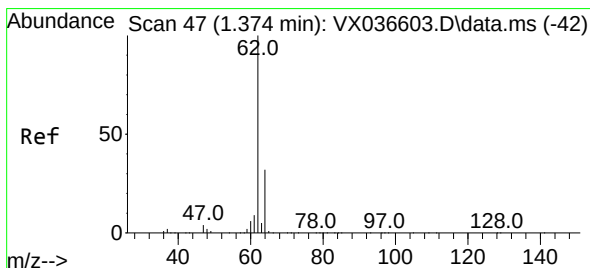
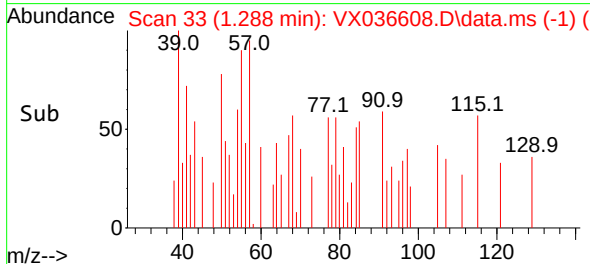
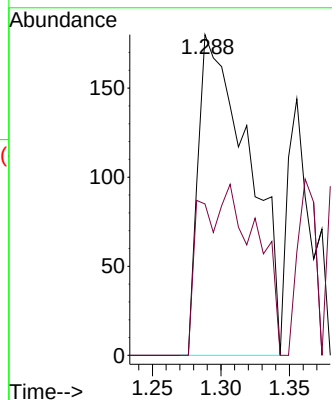
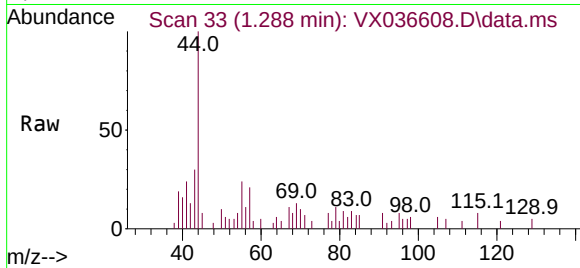




#3
Chloromethane
Concen: 0.187 ug/l
RT: 1.288 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

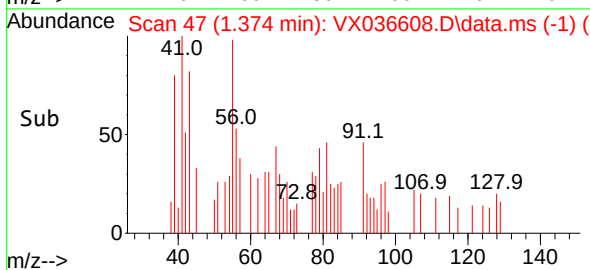
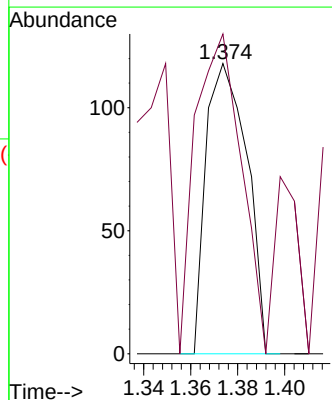
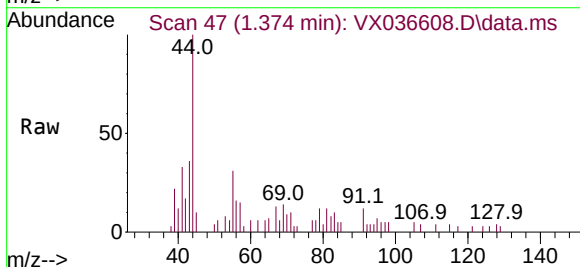
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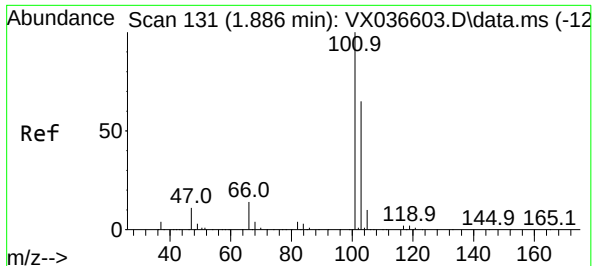
Tgt Ion: 50 Resp: 459
Ion Ratio Lower Upper
50 100
52 47.2 25.5 38.3#



#4
Vinyl Chloride
Concen: 0.057 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

Tgt Ion: 62 Resp: 143
Ion Ratio Lower Upper
62 100
64 110.2 25.4 38.0#

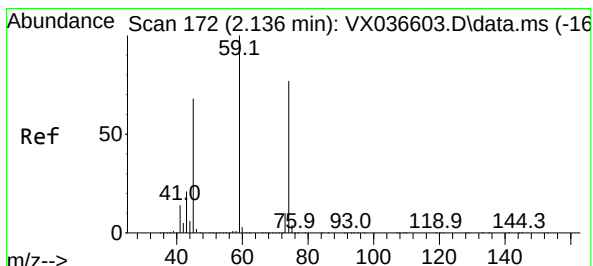
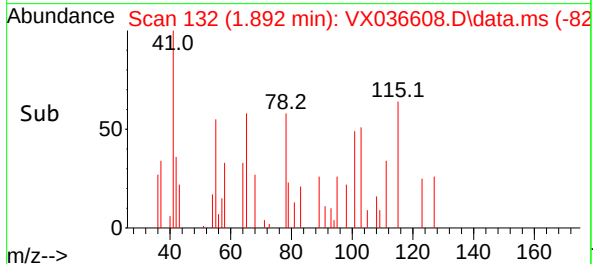
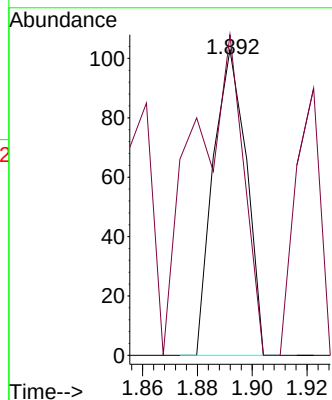
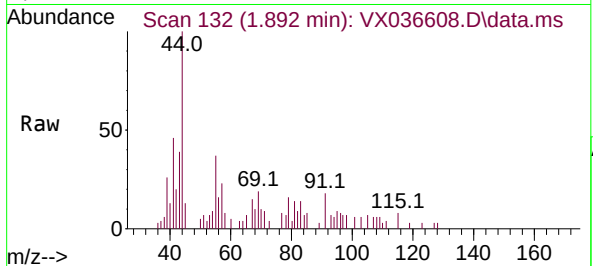




#7
 Trichlorofluoromethane
 Concen: 0.022 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX036608.D
 Acq: 21 Jul 2023 13:32

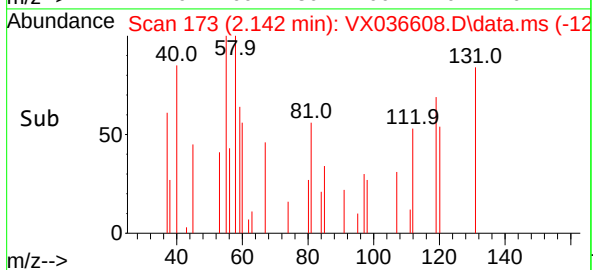
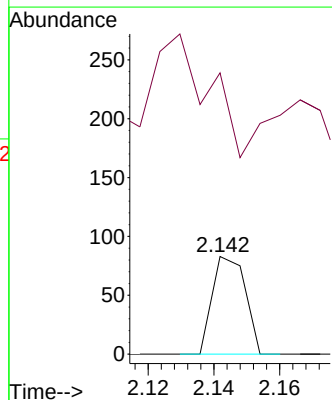
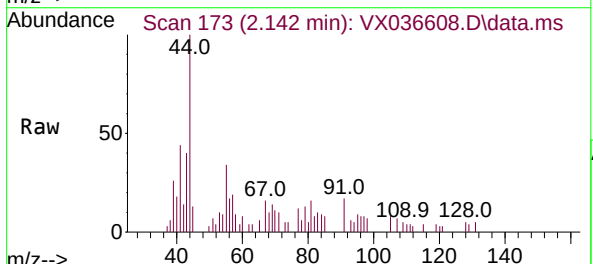
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 ClientSampleId :
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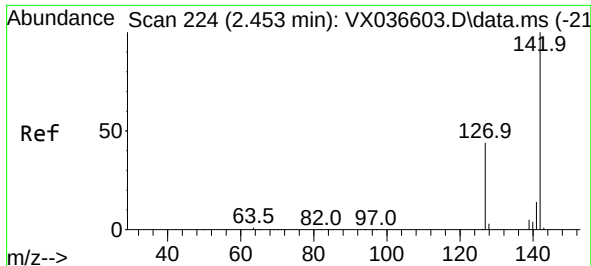
Tgt Ion:101 Resp: 86
 Ion Ratio Lower Upper
 101 100
 103 104.9 51.4 77.2#



#8
 Diethyl Ether
 Concen: 0.039 ug/l
 RT: 2.142 min Scan# 173
 Delta R.T. 0.006 min
 Lab File: VX036608.D
 Acq: 21 Jul 2023 13:32

Tgt Ion: 74 Resp: 58
 Ion Ratio Lower Upper
 74 100
 45 296.6 53.3 159.8#

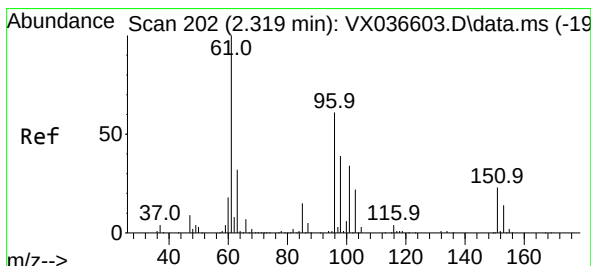
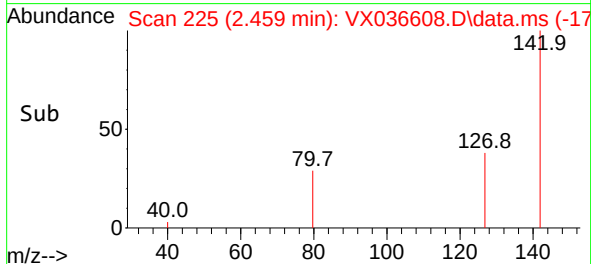
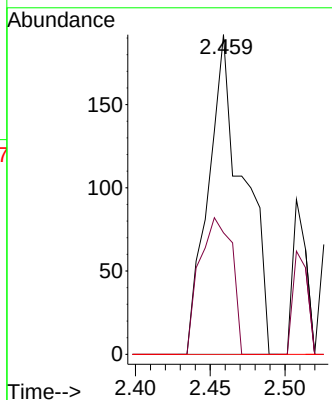
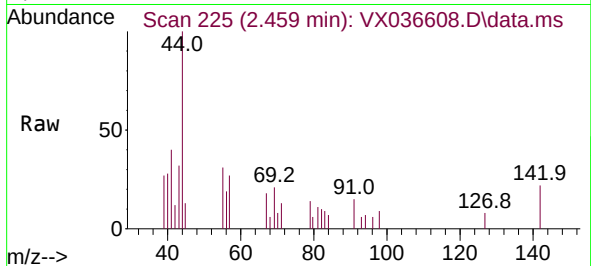




#10
Methyl Iodide
Concen: 0.131 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

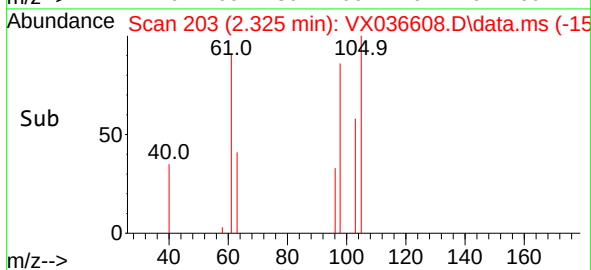
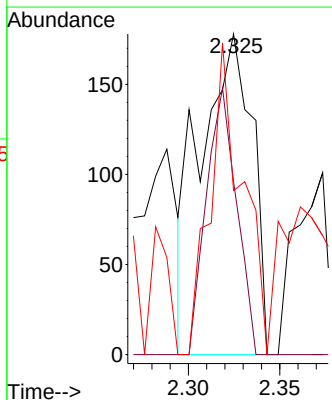
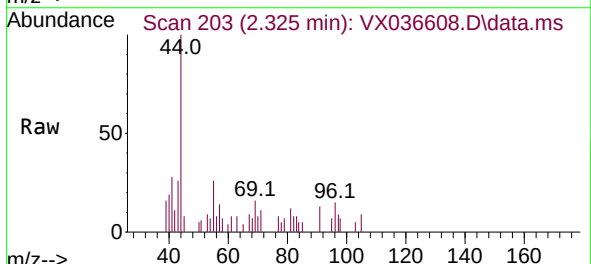
Instrument :
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ClientSampleId :
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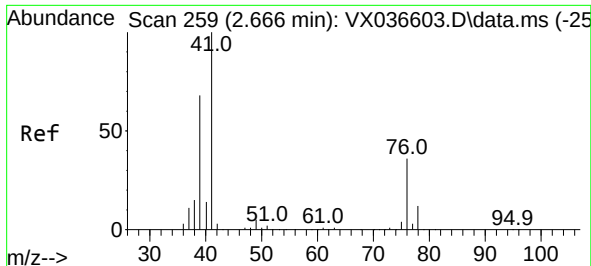
Tgt Ion:142 Resp: 316
Ion Ratio Lower Upper
142 100
127 39.2 41.6 62.4#
141 0.0 11.6 17.4#



#12
1,1-Dichloroethene
Concen: 0.154 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

Tgt Ion: 96 Resp: 351
Ion Ratio Lower Upper
96 100
61 53.9 144.6 216.8#
98 51.1 50.4 75.6

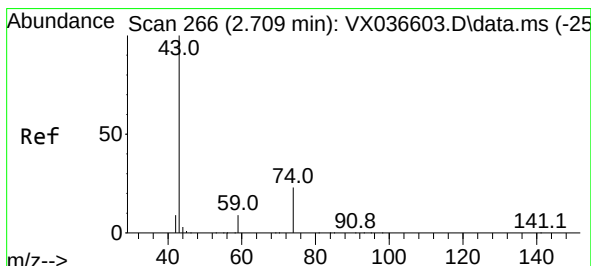
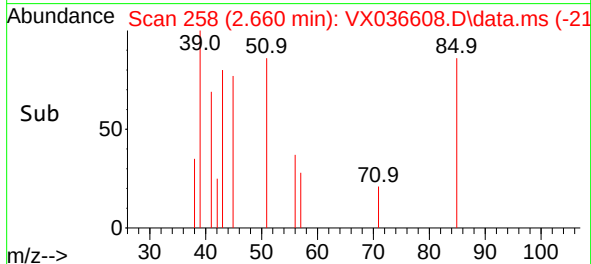
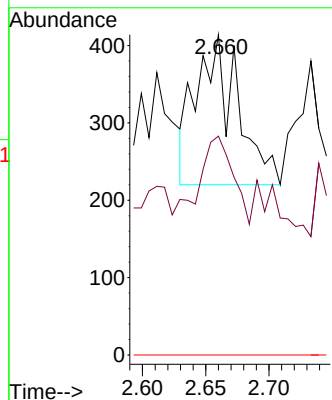
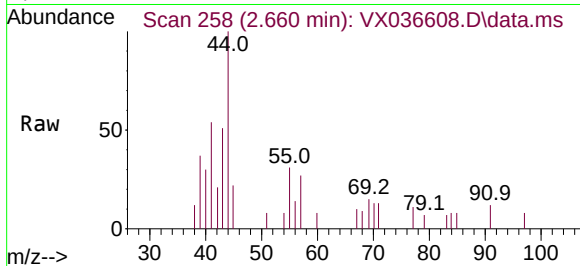




#14
 Allyl chloride
 Concen: 0.098 ug/l
 RT: 2.660 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VX036608.D
 Acq: 21 Jul 2023 13:32

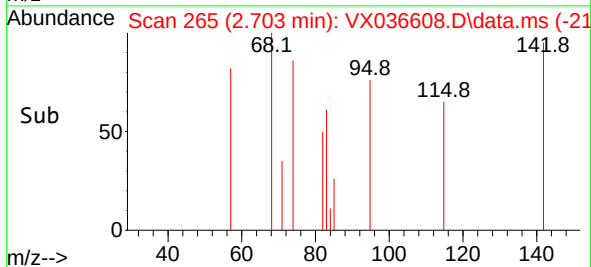
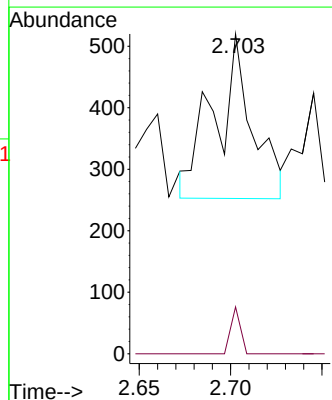
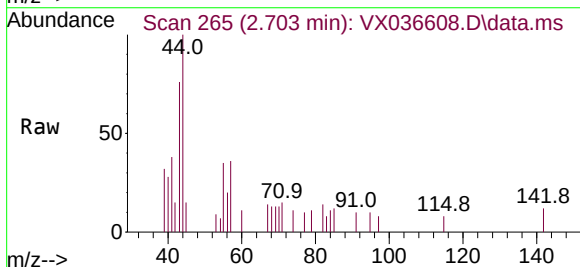
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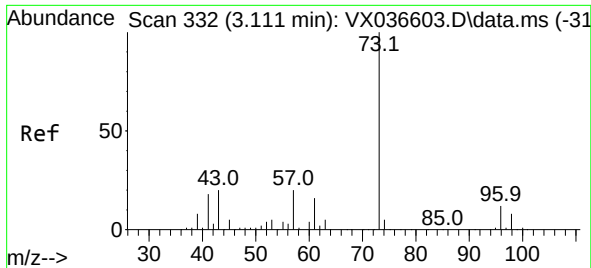
Tgt Ion: 41 Resp: 439
 Ion Ratio Lower Upper
 41 100
 39 40.1 55.8 83.6#
 76 0.0 24.3 36.5#



#18
 Methyl Acetate
 Concen: 0.073 ug/l
 RT: 2.703 min Scan# 265
 Delta R.T. -0.006 min
 Lab File: VX036608.D
 Acq: 21 Jul 2023 13:32

Tgt Ion: 43 Resp: 384
 Ion Ratio Lower Upper
 43 100
 74 7.3 17.8 26.8#

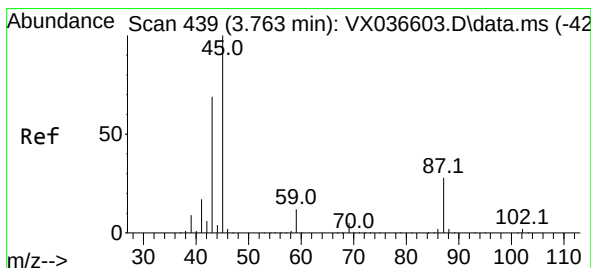
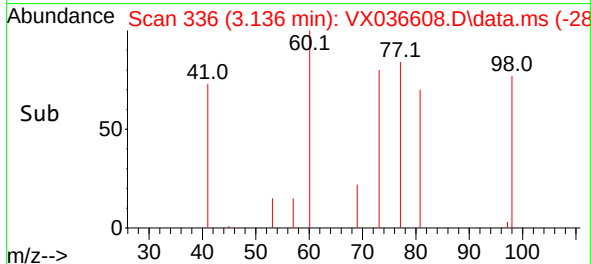
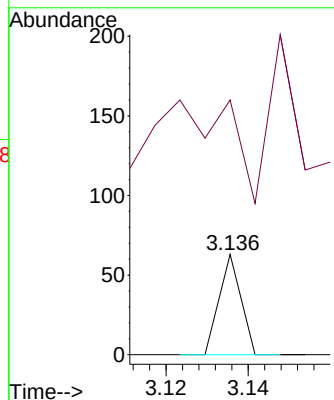
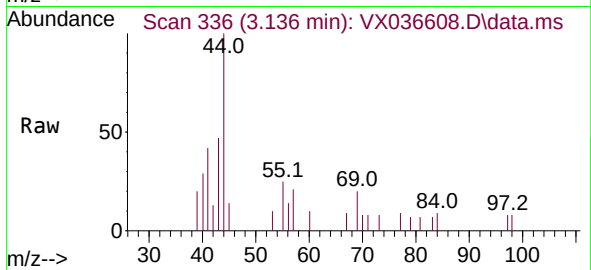




#19
Methyl tert-butyl Ether
Concen: 0.003 ug/l
RT: 3.136 min Scan# 31
Delta R.T. 0.024 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

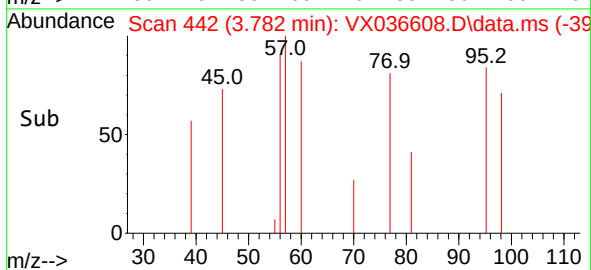
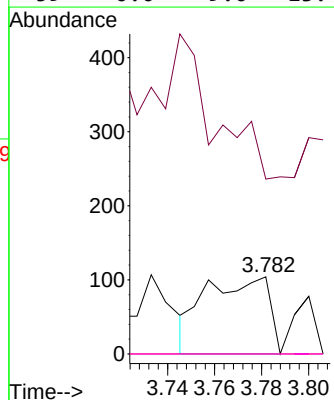
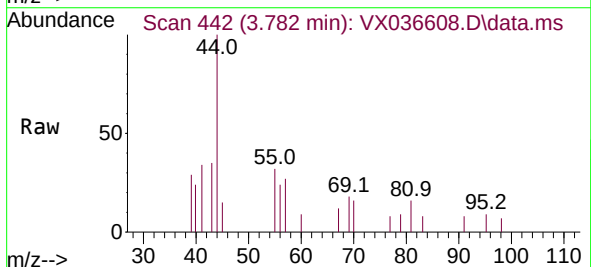
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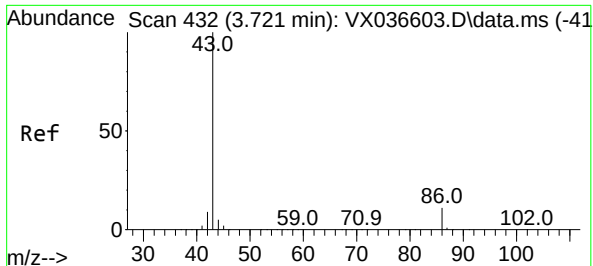
Tgt Ion: 73 Resp: 23
Ion Ratio Lower Upper
73 100
57 0.0 17.3 25.9#



#22
Diisopropyl ether
Concen: 0.023 ug/l
RT: 3.782 min Scan# 442
Delta R.T. 0.018 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

Tgt Ion: 45 Resp: 194
Ion Ratio Lower Upper
45 100
43 0.0 69.7 104.5#
87 0.0 20.8 31.2#
59 0.0 9.0 13.4#

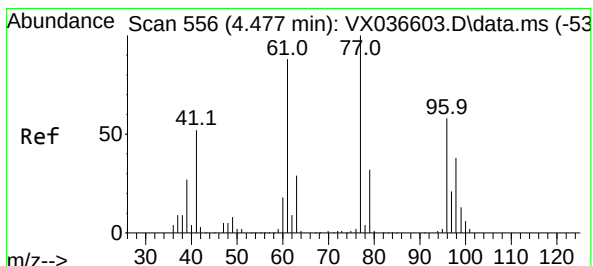
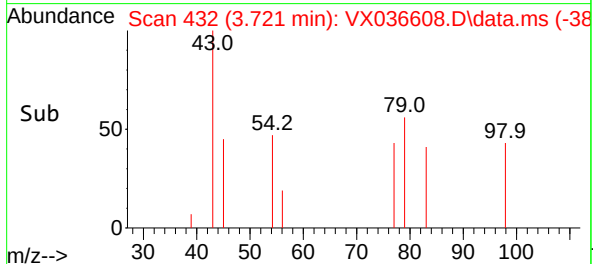
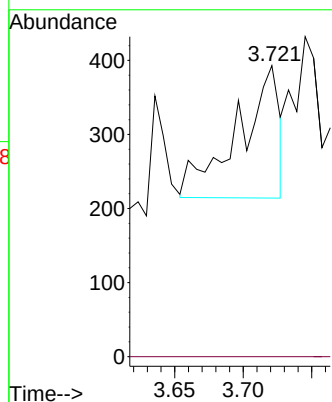
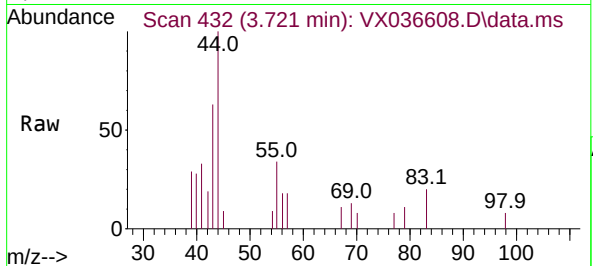




#23
 Vinyl Acetate
 Concen: 0.056 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX036608.D
 Acq: 21 Jul 2023 13:32

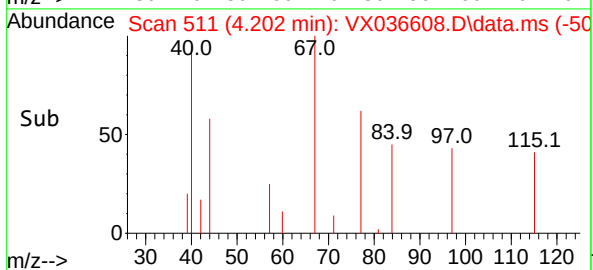
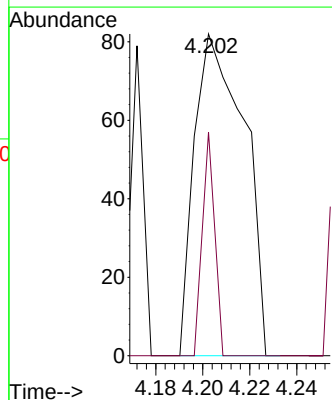
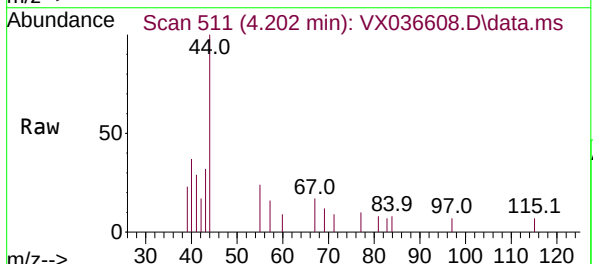
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0721WBL01

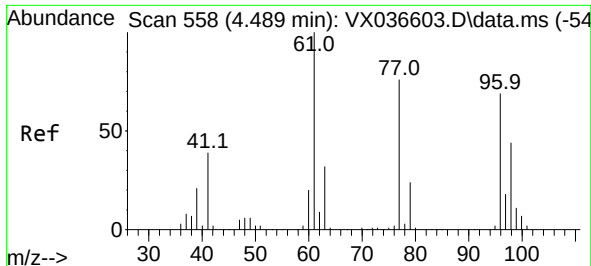
Tgt Ion: 43 Resp: 370
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.8 11.8#



#26
 2,2-Dichloropropane
 Concen: 0.027 ug/l
 RT: 4.202 min Scan# 511
 Delta R.T. -0.274 min
 Lab File: VX036608.D
 Acq: 21 Jul 2023 13:32

Tgt Ion: 77 Resp: 120
 Ion Ratio Lower Upper
 77 100
 97 17.5 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 0.064 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX036608.D

Acq: 21 Jul 2023 13:32

Instrument :

MSVOA_X

ClientSampleId :

VX0721WBL01

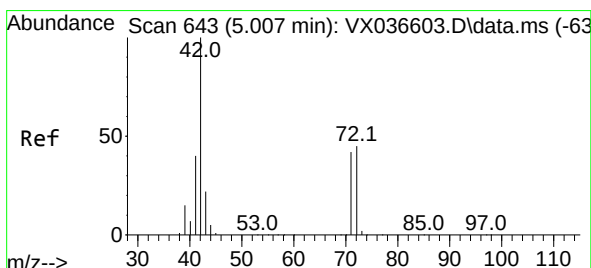
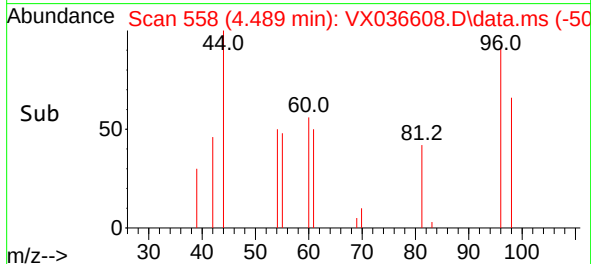
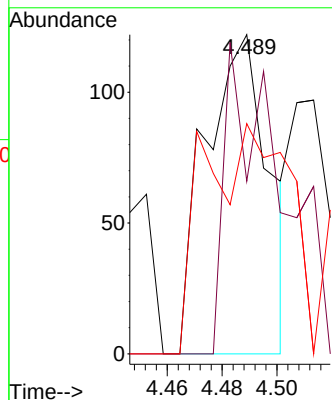
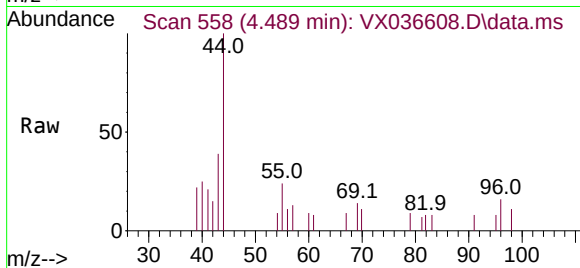
Tgt Ion: 96 Resp: 195

Ion Ratio Lower Upper

96 100

61 86.7 0.0 312.2

98 57.4 0.0 129.0



#29

Tetrahydrofuran

Concen: 0.074 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.006 min

Lab File: VX036608.D

Acq: 21 Jul 2023 13:32

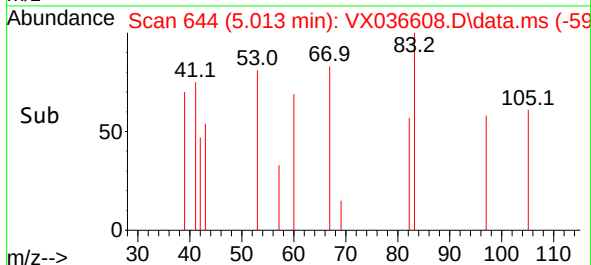
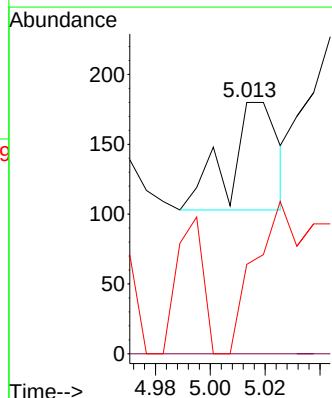
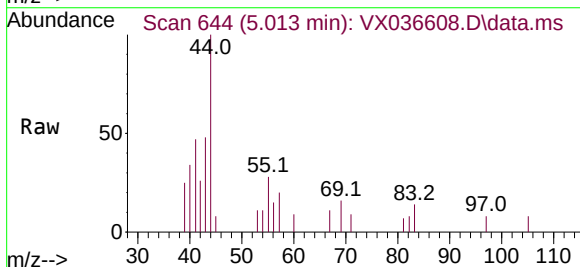
Tgt Ion: 42 Resp: 97

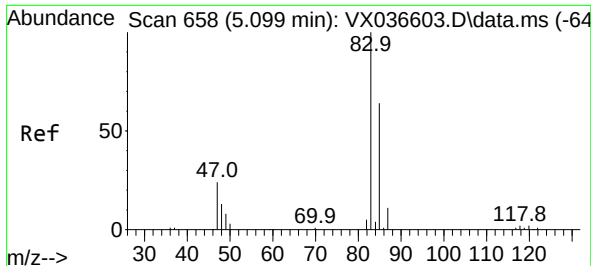
Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

71 244.3 32.2 48.2#





#30

Chloroform

Concen: 0.099 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX036608.D

Acq: 21 Jul 2023 13:32

Instrument :

MSVOA_X

ClientSampleId :

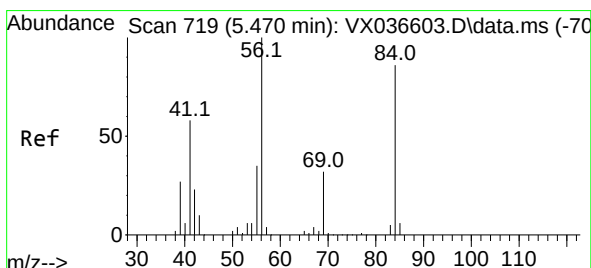
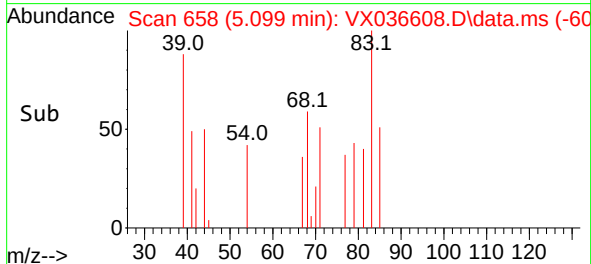
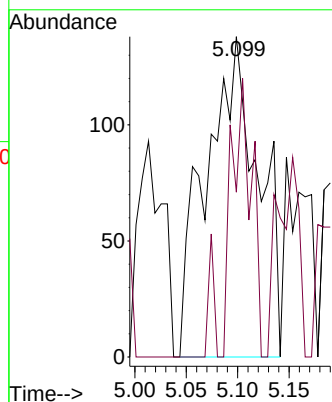
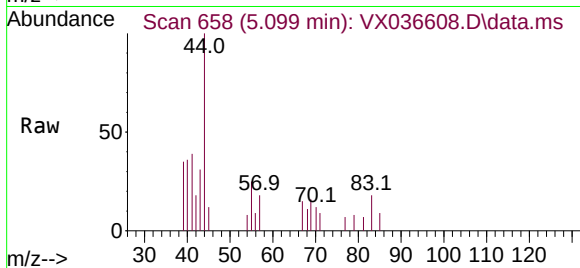
VX0721WBL01

Tgt Ion: 83 Resp: 486

Ion Ratio Lower Upper

83 100

85 51.4 50.3 75.5



#31

Cyclohexane

Concen: 0.048 ug/l

RT: 5.464 min Scan# 718

Delta R.T. -0.006 min

Lab File: VX036608.D

Acq: 21 Jul 2023 13:32

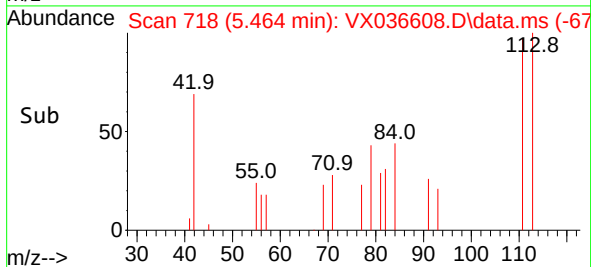
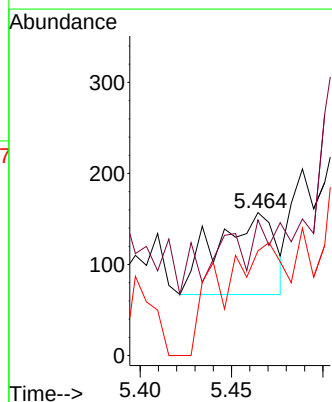
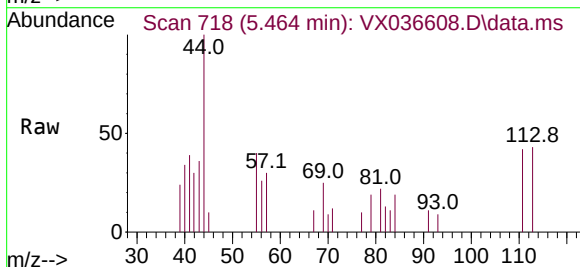
Tgt Ion: 56 Resp: 201

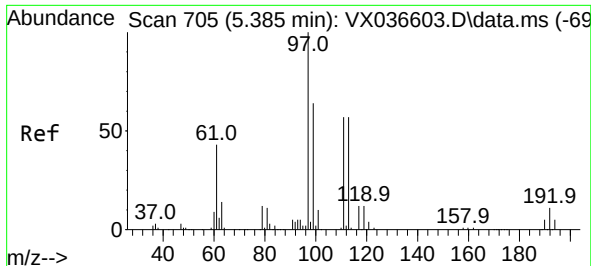
Ion Ratio Lower Upper

56 100

69 91.1 23.4 35.2#

84 127.8 65.9 98.9#

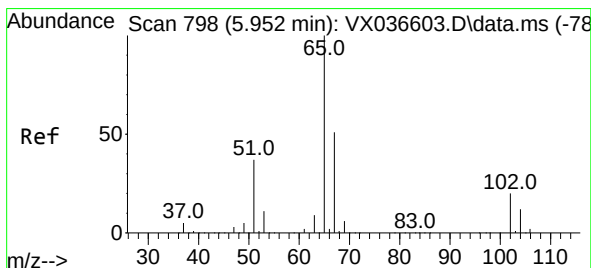
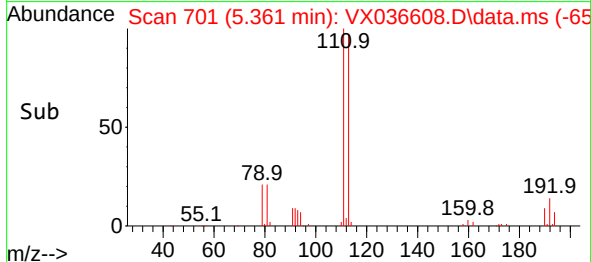
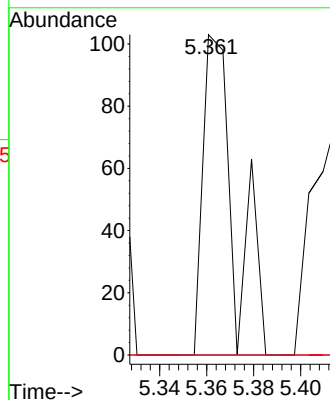
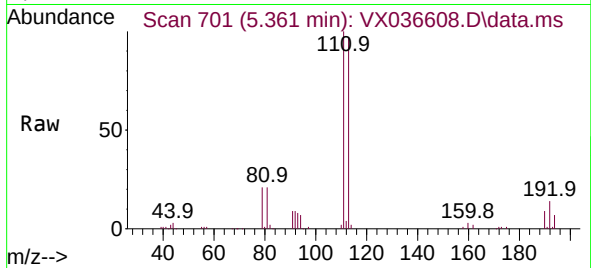




#32
1,1,1-Trichloroethane
Concen: 0.022 ug/l
RT: 5.361 min Scan# 705
Delta R.T. -0.024 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

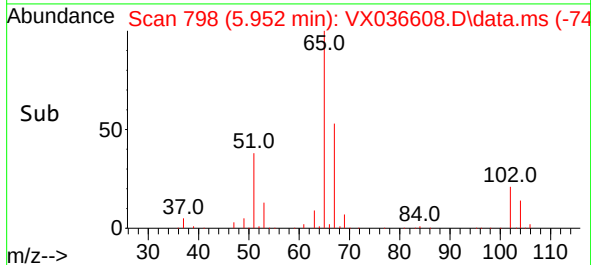
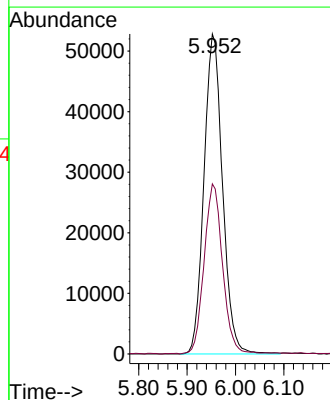
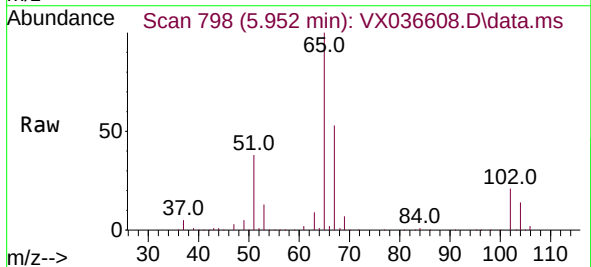
Instrument :
MSVOA_X
ClientSampleId :
VX0721WBL01

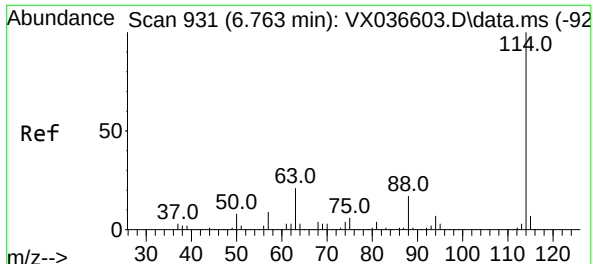
Tgt Ion: 97 Resp: 97
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 0.0 36.4 54.6#



#33
1,2-Dichloroethane-d4
Concen: 46.646 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

Tgt Ion: 65 Resp: 140820
Ion Ratio Lower Upper
65 100
67 52.9 0.0 100.2

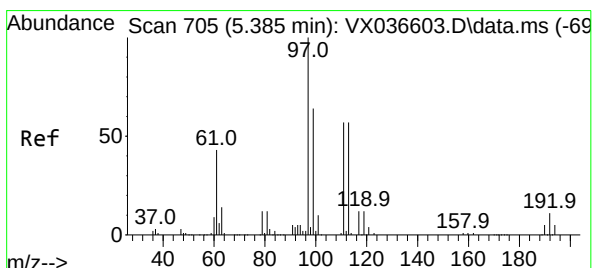
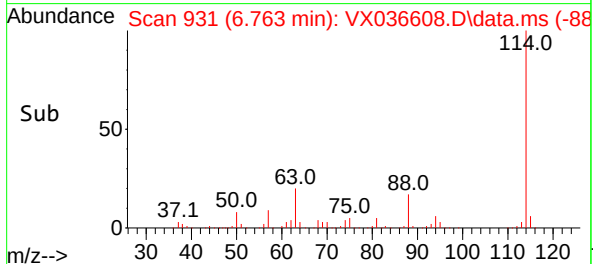
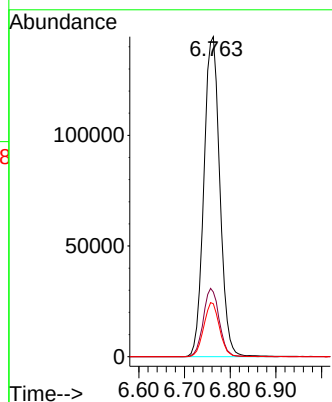
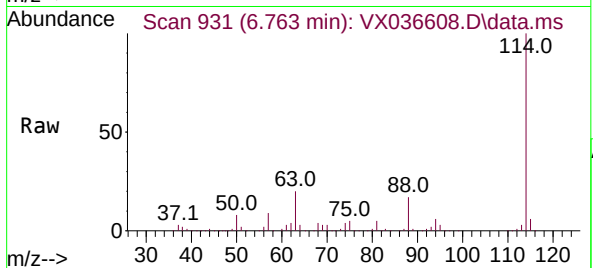




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

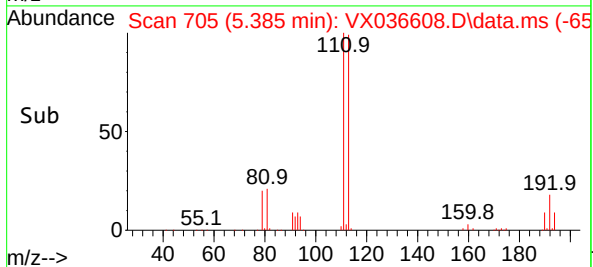
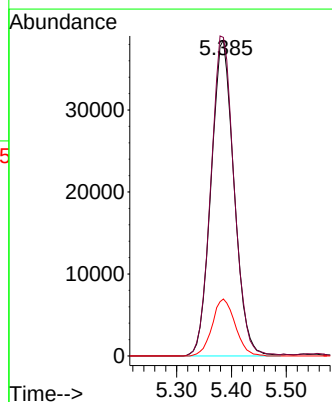
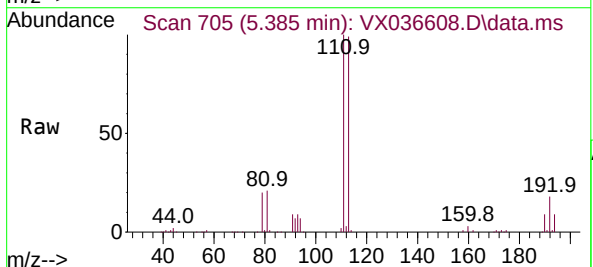
Instrument :
MSVOA_X
ClientSampleId :
VX0721WBL01

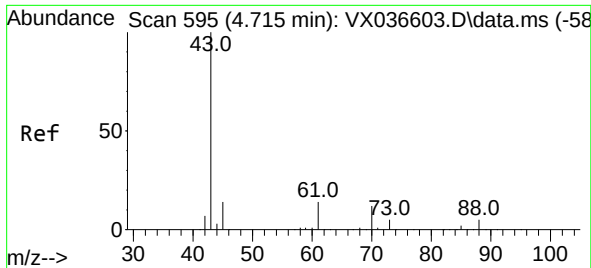
Tgt Ion:114 Resp: 350273
Ion Ratio Lower Upper
114 100
63 20.2 0.0 45.0
88 16.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.561 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

Tgt Ion:113 Resp: 112100
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 18.0 13.3 19.9





#37

Ethyl Acetate

Concen: 0.053 ug/l

RT: 4.696 min Scan# 595

Delta R.T. -0.018 min

Lab File: VX036608.D

Acq: 21 Jul 2023 13:32

Instrument :

MSVOA_X

ClientSampleId :

VX0721WBL01

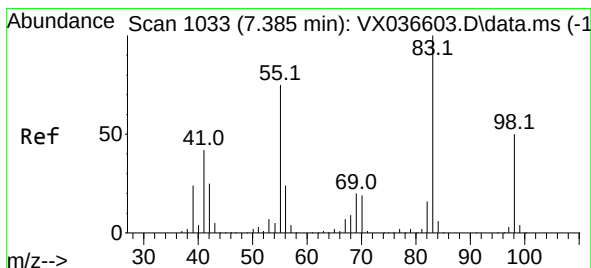
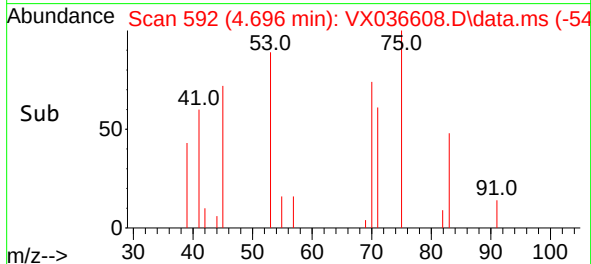
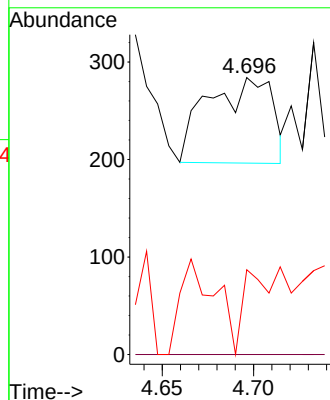
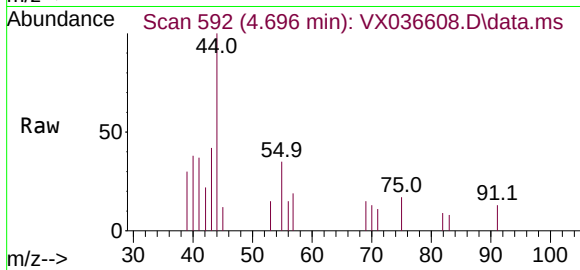
Tgt Ion: 43 Resp: 215

Ion Ratio Lower Upper

43 100

61 0.0 10.6 16.0#

70 38.6 8.3 12.5#



#39

Methylcyclohexane

Concen: 0.062 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.012 min

Lab File: VX036608.D

Acq: 21 Jul 2023 13:32

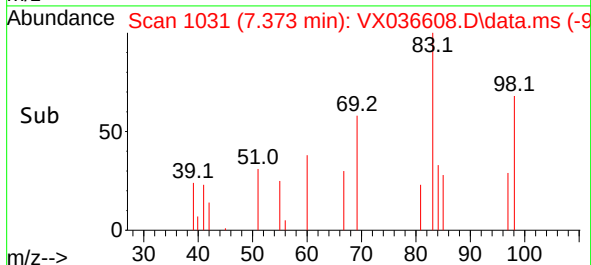
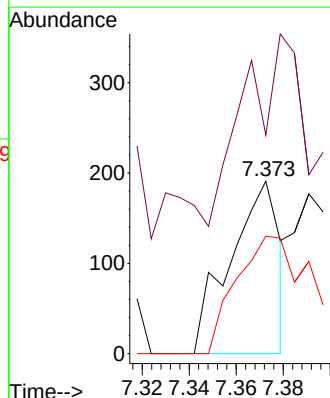
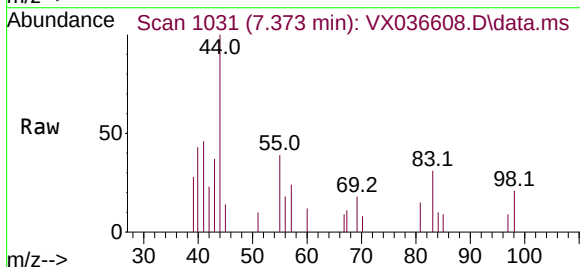
Tgt Ion: 83 Resp: 278

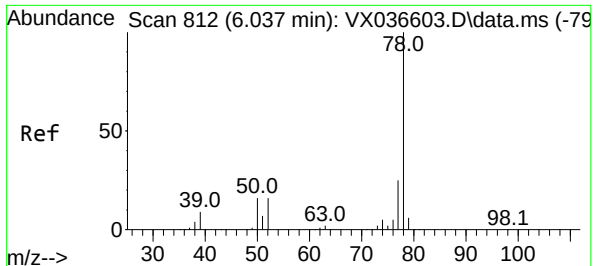
Ion Ratio Lower Upper

83 100

55 36.1 64.6 97.0#

98 68.1 36.7 55.1#





#40

Benzene

Concen: 0.027 ug/l

RT: 6.044 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX036608.D

Acq: 21 Jul 2023 13:32

Instrument :

MSVOA_X

ClientSampleId :

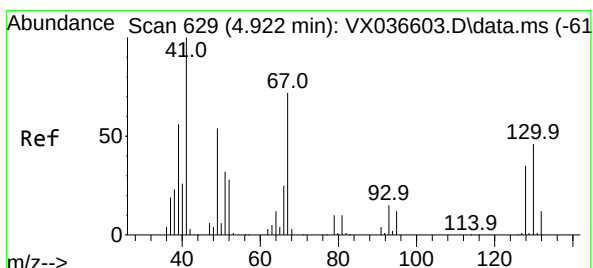
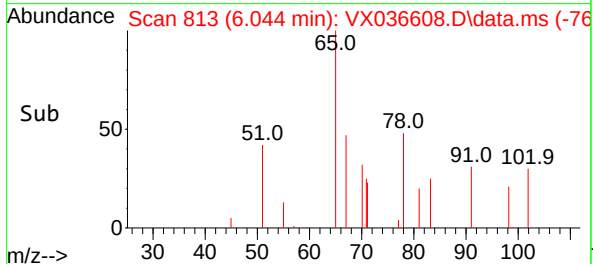
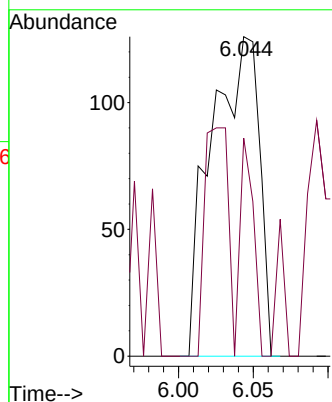
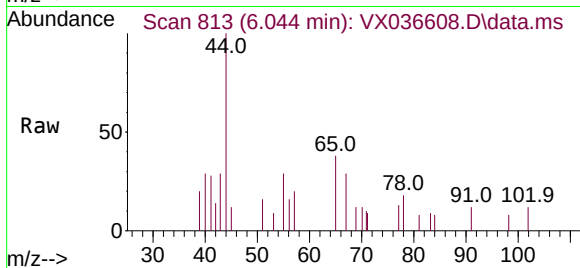
VX0721WBL01

Tgt Ion: 78 Resp: 281

Ion Ratio Lower Upper

78 100

77 68.3 19.3 28.9#



#41

Methacrylonitrile

Concen: 0.067 ug/l

RT: 4.922 min Scan# 629

Delta R.T. 0.000 min

Lab File: VX036608.D

Acq: 21 Jul 2023 13:32

Tgt Ion: 41 Resp: 145

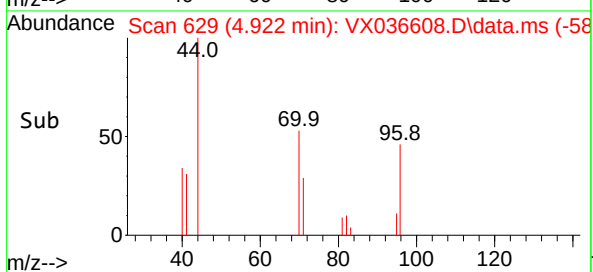
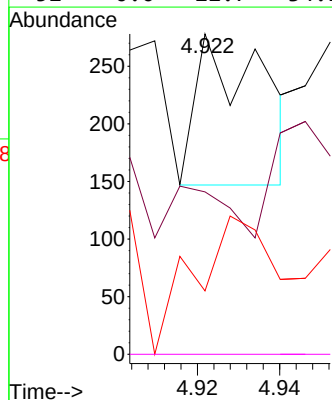
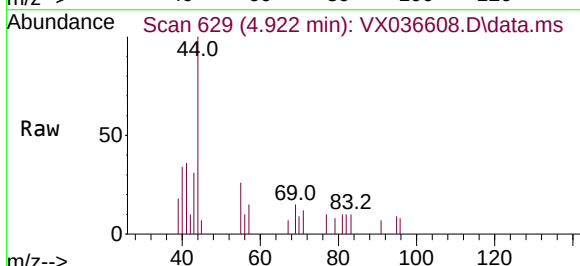
Ion Ratio Lower Upper

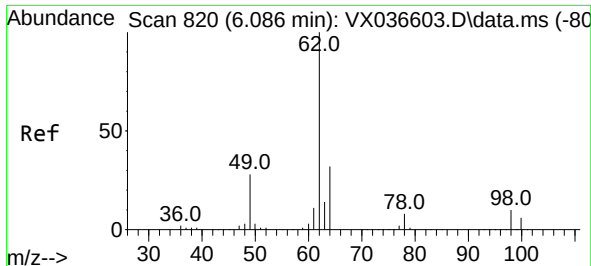
41 100

39 0.0 45.2 67.8#

67 126.2 52.6 78.8#

52 0.0 22.7 34.1#





#42

1,2-Dichloroethane

Concen: 0.118 ug/l

RT: 6.092 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX036608.D

Acq: 21 Jul 2023 13:32

Instrument :

MSVOA_X

ClientSampleId :

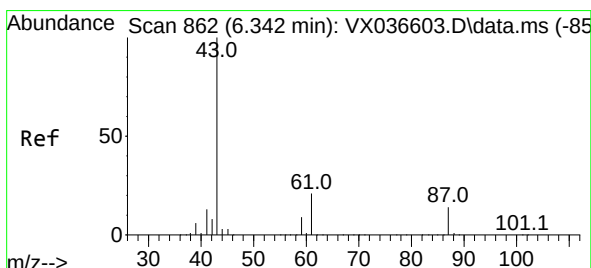
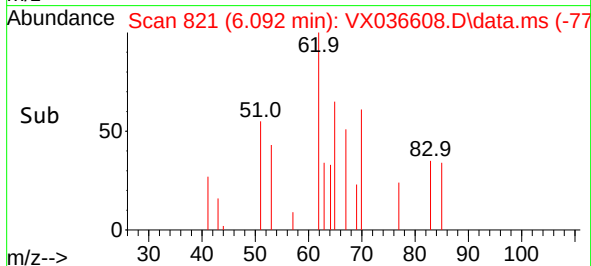
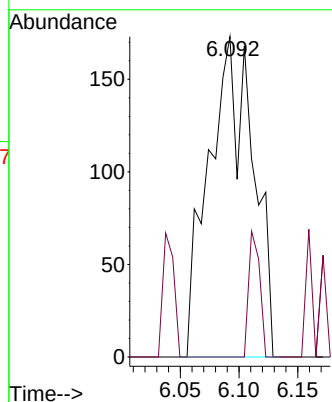
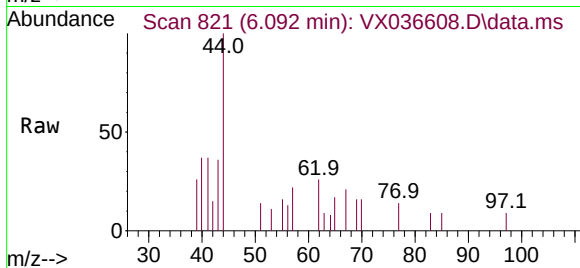
VX0721WBL01

Tgt Ion: 62 Resp: 452

Ion Ratio Lower Upper

62 100

98 9.7 0.0 16.0



#43

Isopropyl Acetate

Concen: 0.028 ug/l

RT: 6.354 min Scan# 864

Delta R.T. 0.012 min

Lab File: VX036608.D

Acq: 21 Jul 2023 13:32

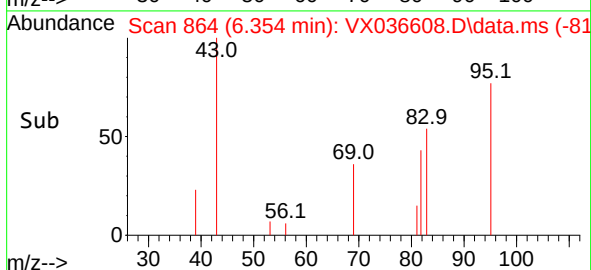
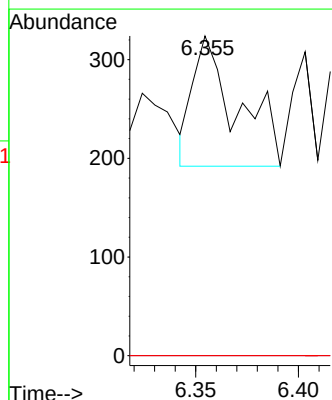
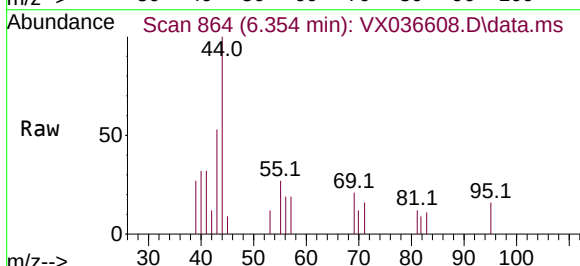
Tgt Ion: 43 Resp: 196

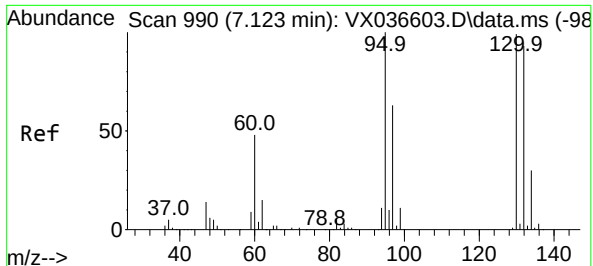
Ion Ratio Lower Upper

43 100

61 0.0 15.2 22.8#

87 0.0 9.8 14.6#

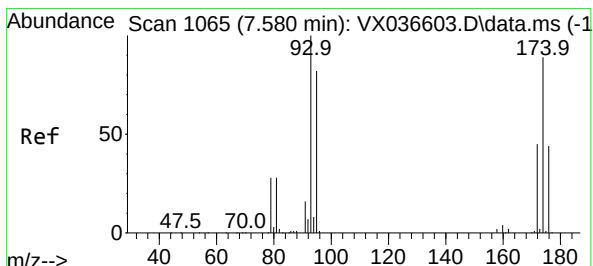
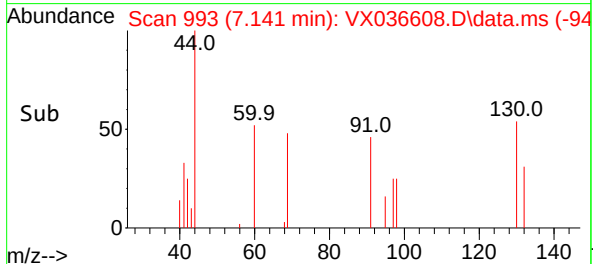
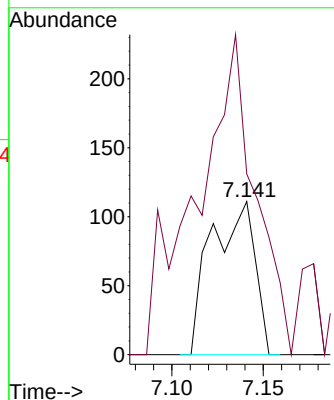
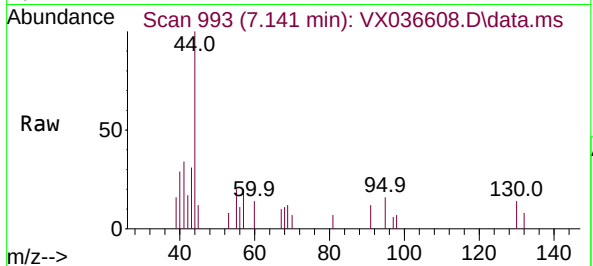




#44
Trichloroethene
Concen: 0.067 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.018 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

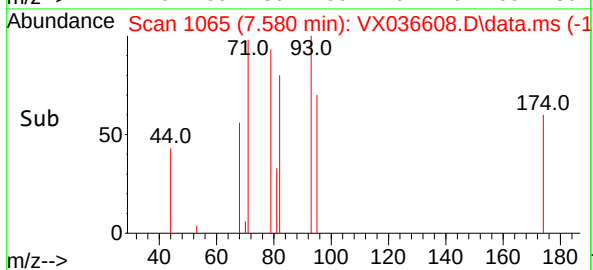
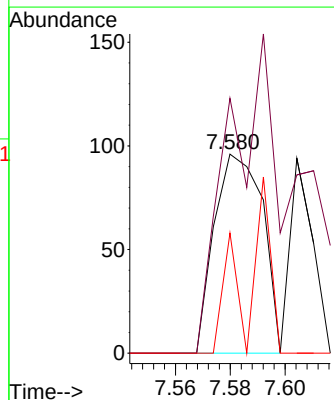
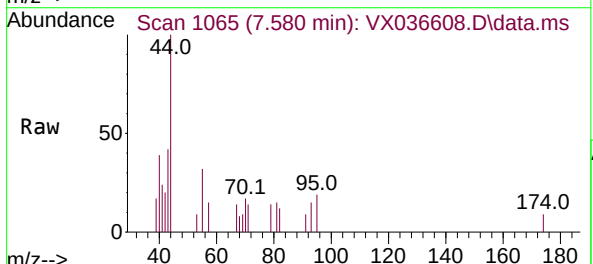
Instrument :
MSVOA_X
ClientSampleId :
VX0721WBL01

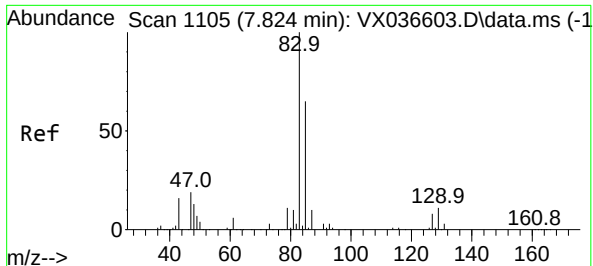
Tgt Ion:130 Resp: 184
Ion Ratio Lower Upper
130 100
95 71.2 0.0 204.4



#46
Dibromomethane
Concen: 0.060 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

Tgt Ion: 93 Resp: 117
Ion Ratio Lower Upper
93 100
95 0.0 66.6 100.0#
174 17.9 69.4 104.0#

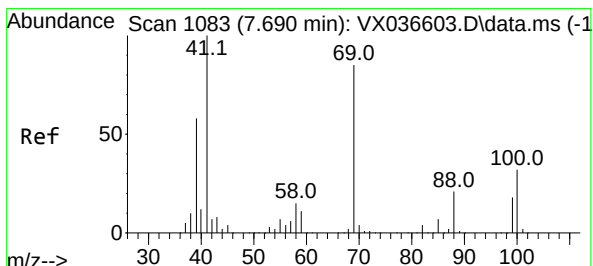
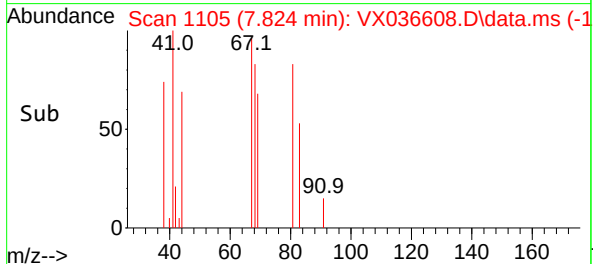
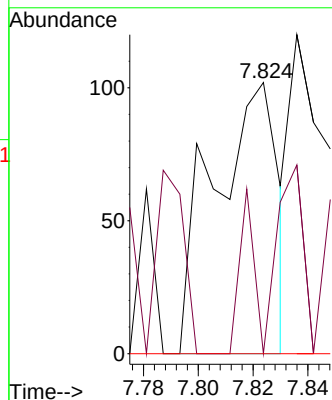
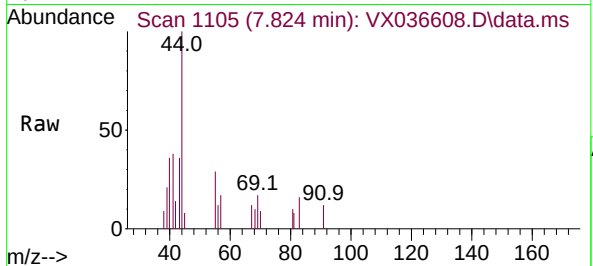




#47
Bromodichloromethane
Concen: 0.042 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

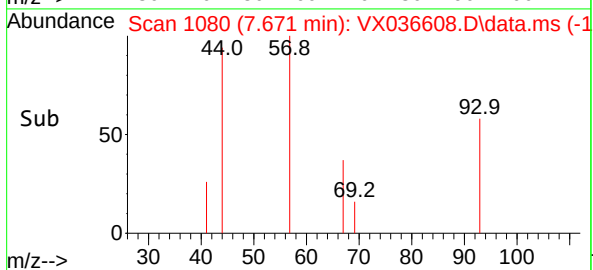
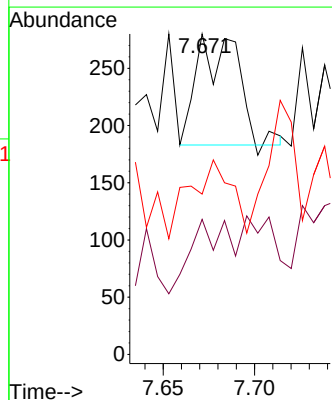
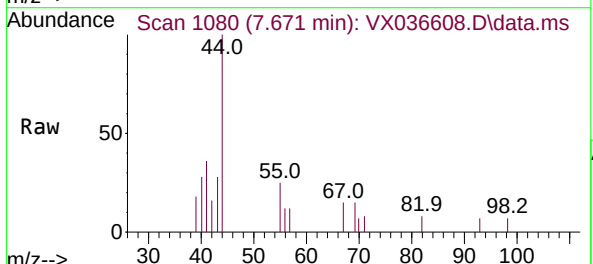
Instrument :
MSVOA_X
ClientSampleId :
VX0721WBL01

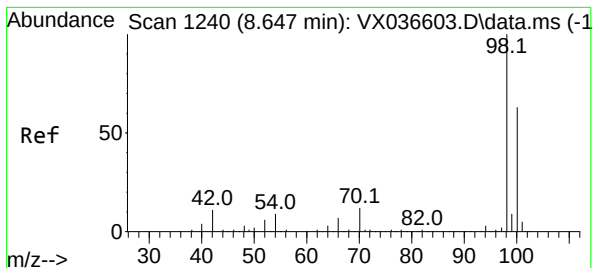
Tgt Ion: 83 Resp: 167
Ion Ratio Lower Upper
83 100
85 0.0 49.8 74.6#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 0.047 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.018 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

Tgt Ion: 41 Resp: 153
Ion Ratio Lower Upper
41 100
69 37.9 59.2 88.8#
39 71.2 47.7 71.5





#50

Toluene-d8

Concen: 49.141 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX036608.D

Acq: 21 Jul 2023 13:32

Instrument :

MSVOA_X

ClientSampleId :

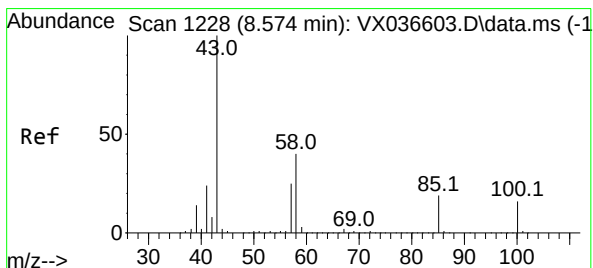
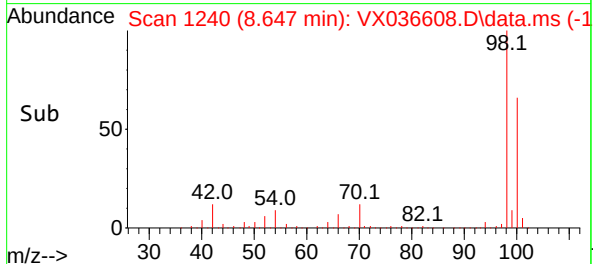
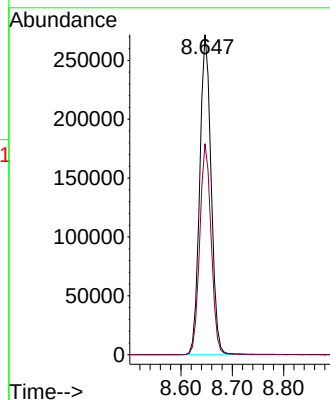
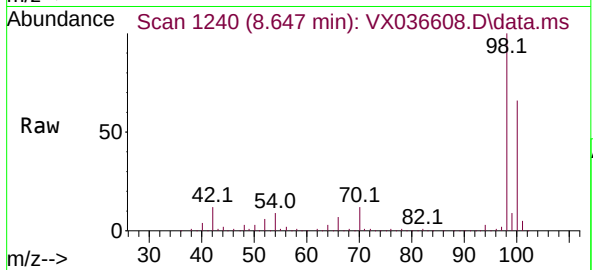
VX0721WBL01

Tgt Ion: 98 Resp: 419560

Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.160 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX036608.D

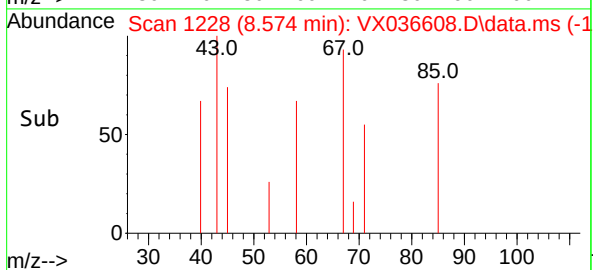
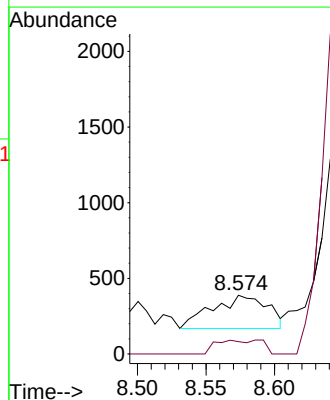
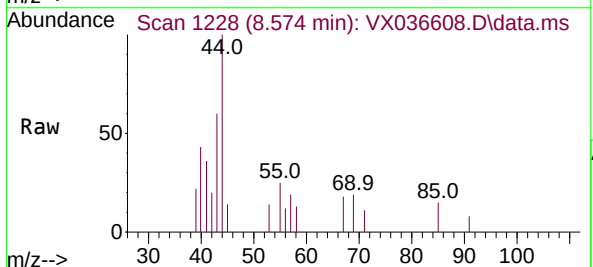
Acq: 21 Jul 2023 13:32

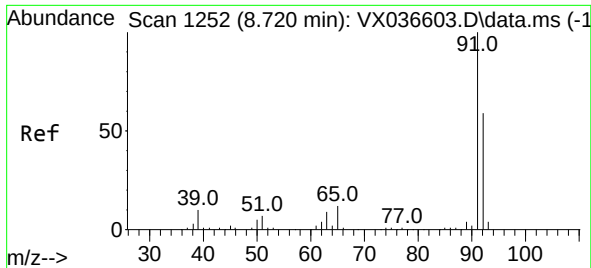
Tgt Ion: 43 Resp: 618

Ion Ratio Lower Upper

43 100

58 34.8 30.4 45.6

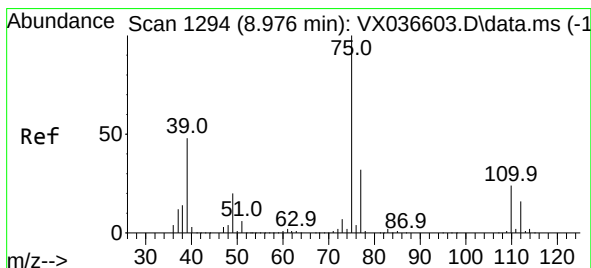
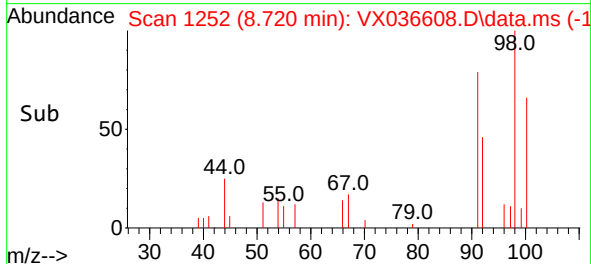
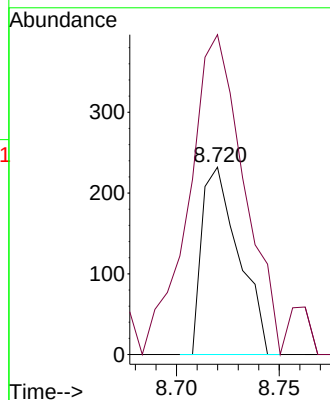
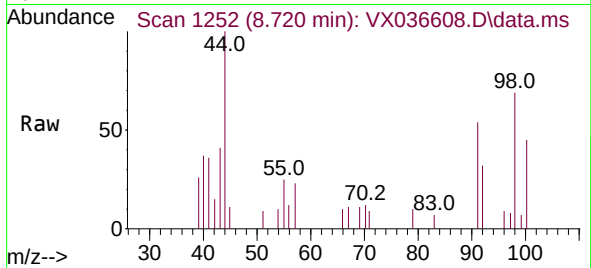




#52
Toluene
Concen: 0.044 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

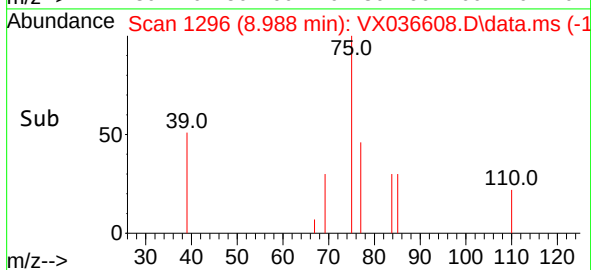
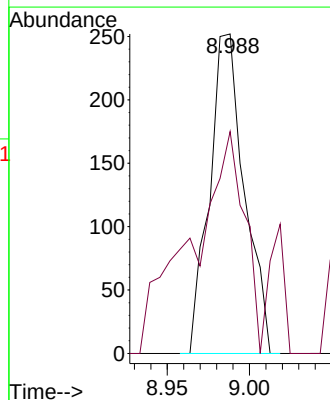
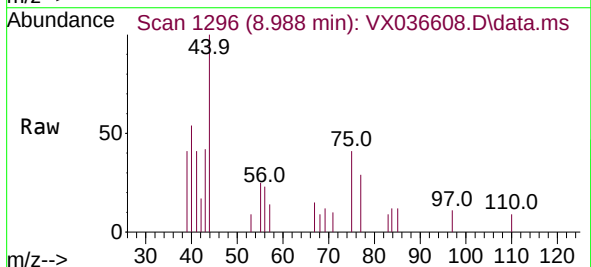
Instrument :
MSVOA_X
ClientSampleId :
VX0721WBL01

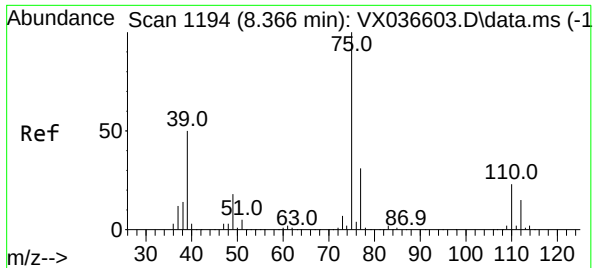
Tgt Ion: 92 Resp: 289
Ion Ratio Lower Upper
92 100
91 278.2 134.2 201.2#



#53
t-1,3-Dichloropropene
Concen: 0.082 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.012 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

Tgt Ion: 75 Resp: 372
Ion Ratio Lower Upper
75 100
77 36.9 25.7 38.5

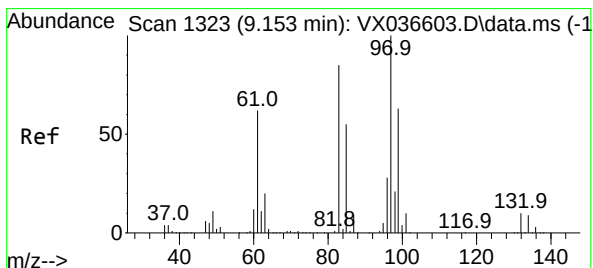
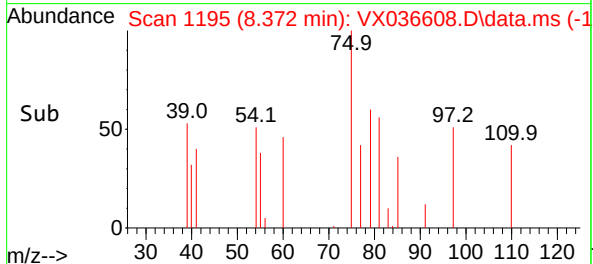
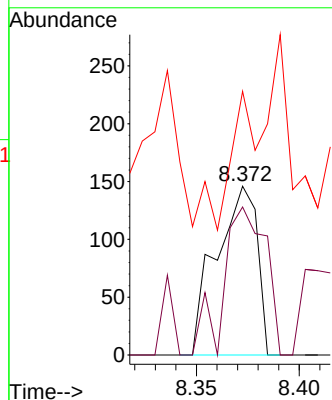
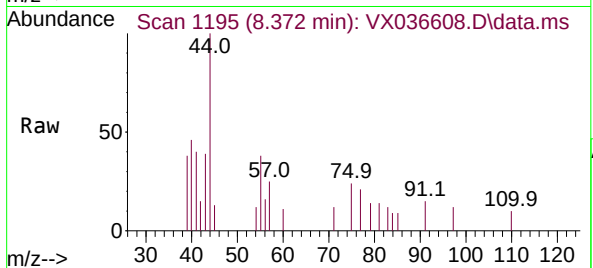




#54
 cis-1,3-Dichloropropene
 Concen: 0.042 ug/l
 RT: 8.372 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX036608.D
 Acq: 21 Jul 2023 13:32

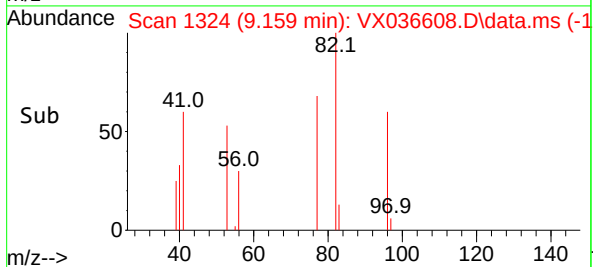
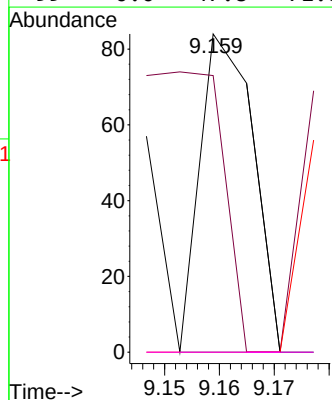
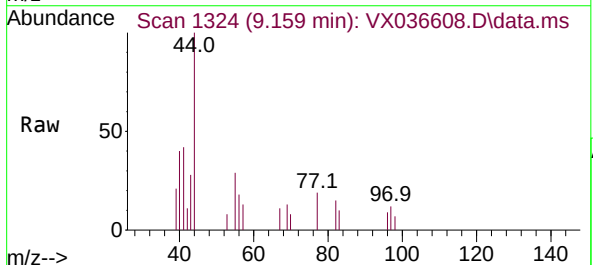
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0721WBL01

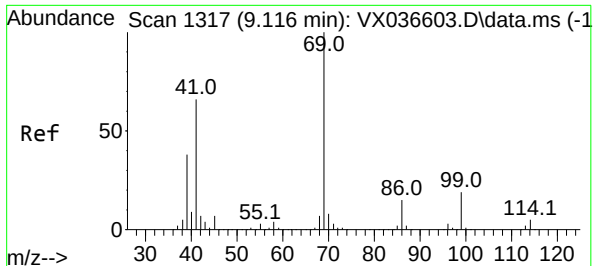
Tgt Ion: 75 Resp: 202
 Ion Ratio Lower Upper
 75 100
 77 87.7 25.3 37.9#
 39 41.8 46.7 70.1#



#55
 1,1,2-Trichloroethane
 Concen: 0.021 ug/l
 RT: 9.159 min Scan# 1324
 Delta R.T. 0.006 min
 Lab File: VX036608.D
 Acq: 21 Jul 2023 13:32

Tgt Ion: 97 Resp: 57
 Ion Ratio Lower Upper
 97 100
 83 86.9 65.8 98.8
 85 0.0 41.6 62.4#
 99 0.0 47.8 71.8#

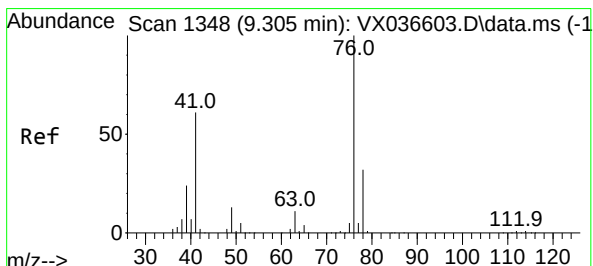
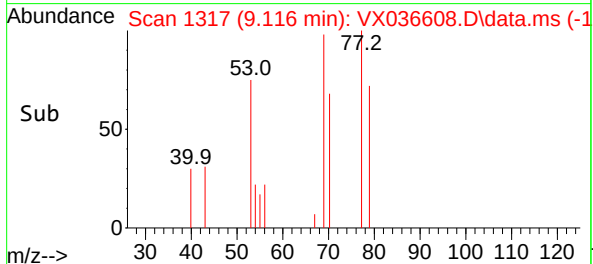
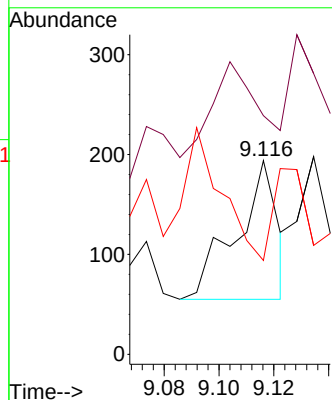
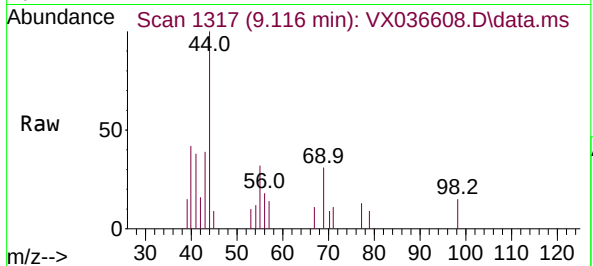




#56
Ethyl methacrylate
Concen: 0.032 ug/l
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

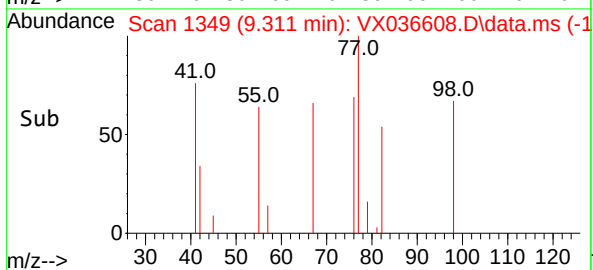
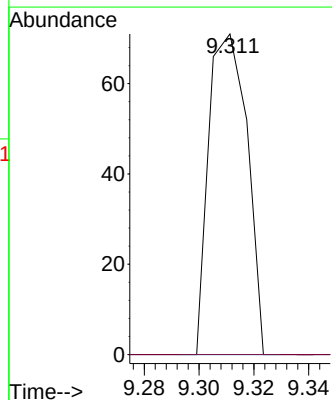
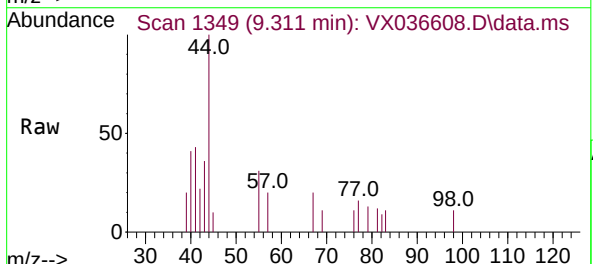
Instrument :
MSVOA_X
ClientSampleId :
VX0721WBL01

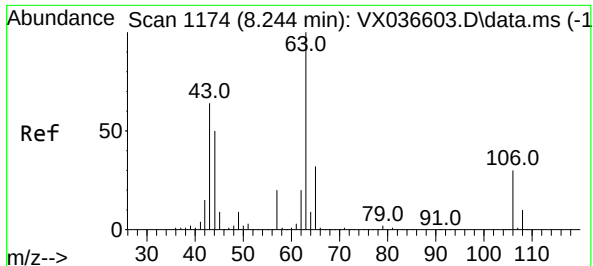
Tgt Ion: 69 Resp: 145
Ion Ratio Lower Upper
69 100
41 68.3 56.8 85.2
39 56.6 32.0 48.0#



#57
1,3-Dichloropropane
Concen: 0.015 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

Tgt Ion: 76 Resp: 69
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#

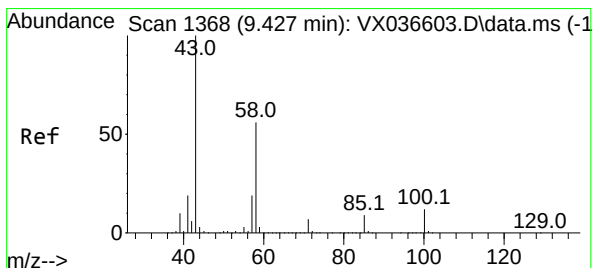
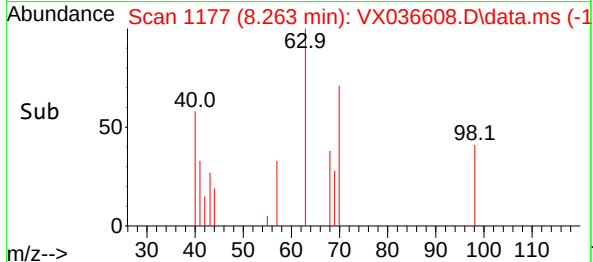
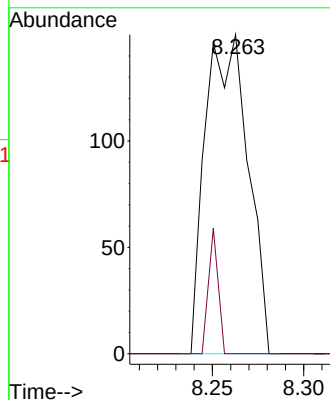
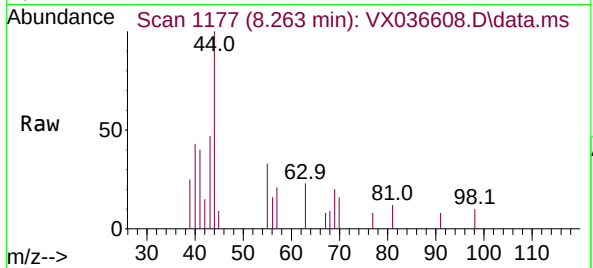




#58
2-Chloroethyl Vinyl ether
Concen: 0.111 ug/l
RT: 8.263 min Scan# 1177
Delta R.T. 0.018 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

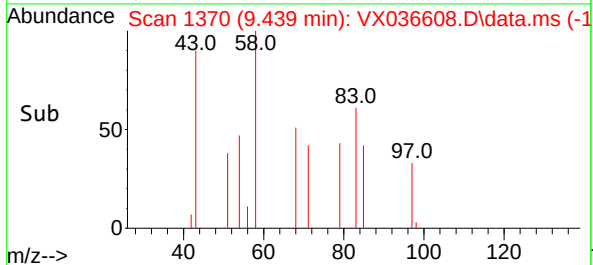
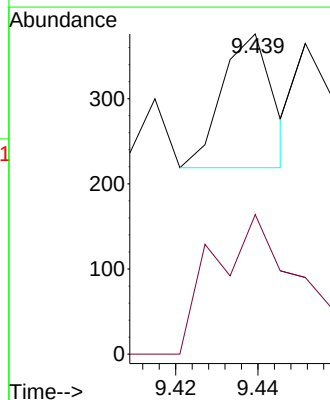
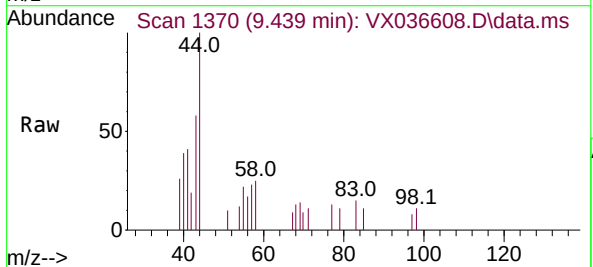
Instrument :
MSVOA_X
ClientSampleId :
VX0721WBL01

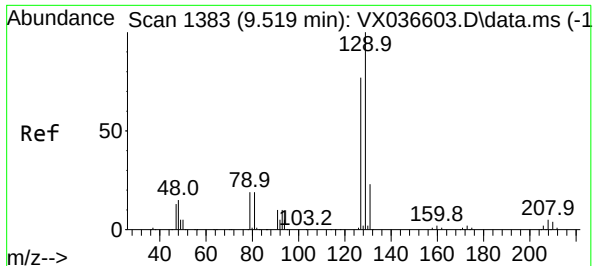
Tgt Ion: 63 Resp: 244
Ion Ratio Lower Upper
63 100
106 9.0 22.5 33.7#



#59
2-Hexanone
Concen: 0.047 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.012 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

Tgt Ion: 43 Resp: 135
Ion Ratio Lower Upper
43 100
58 170.4 26.2 78.5#

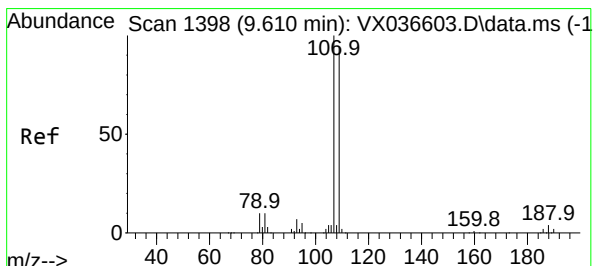
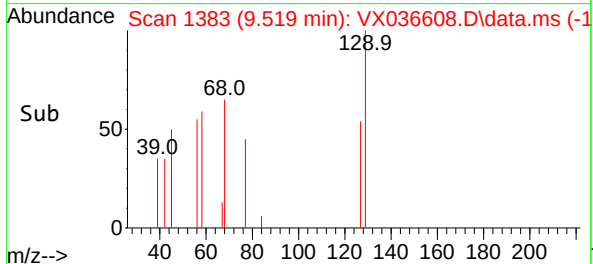
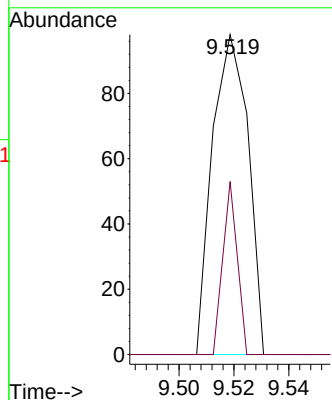
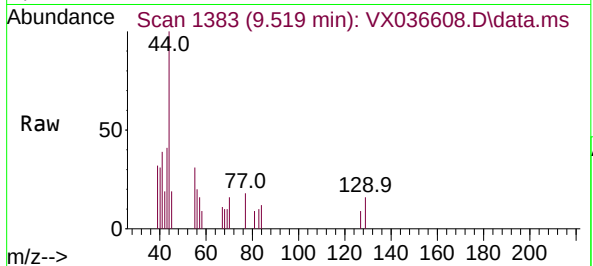




#60
Dibromochloromethane
Concen: 0.029 ug/l
RT: 9.519 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

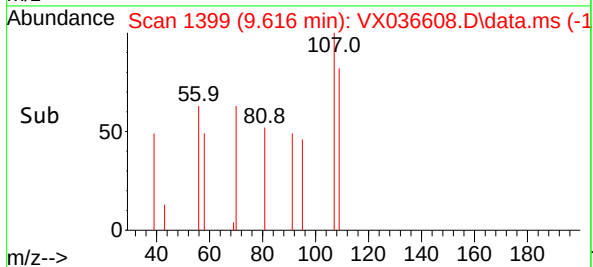
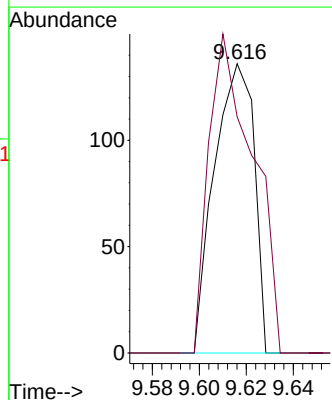
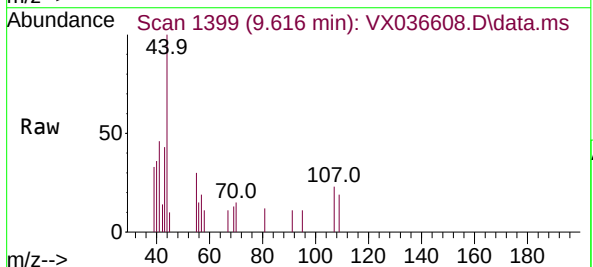
Instrument :
MSVOA_X
ClientSampleId :
VX0721WBL01

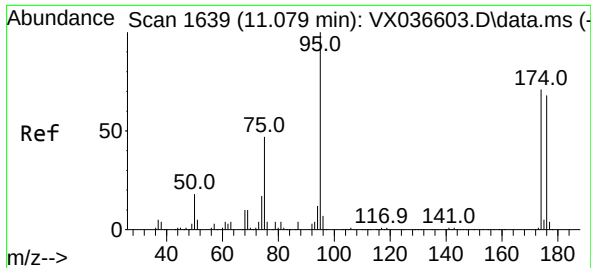
Tgt Ion:129 Resp: 88
Ion Ratio Lower Upper
129 100
127 21.6 38.8 116.4#



#61
1,2-Dibromoethane
Concen: 0.056 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

Tgt Ion:107 Resp: 160
Ion Ratio Lower Upper
107 100
109 122.5 75.2 112.8#

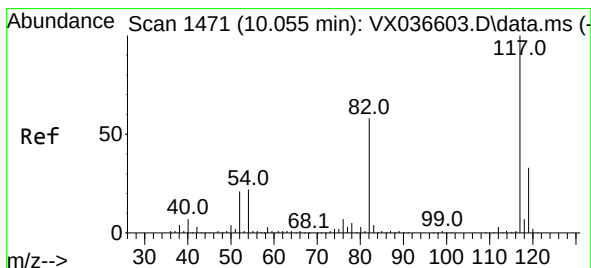
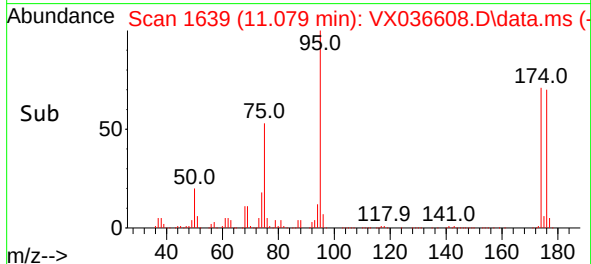
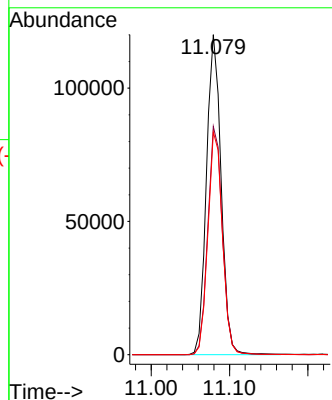
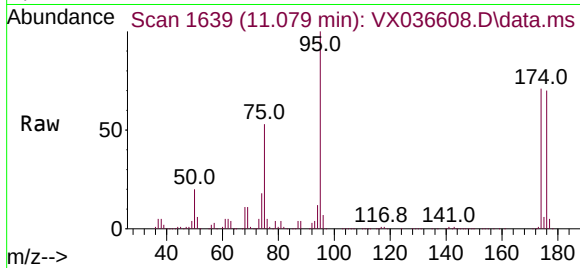




#62
4-Bromofluorobenzene
Concen: 48.233 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

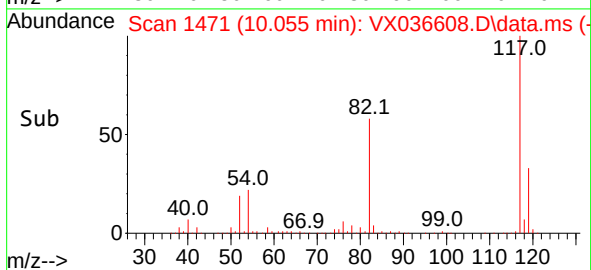
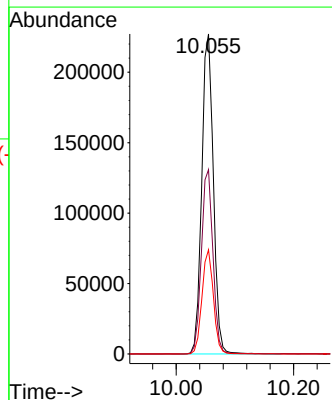
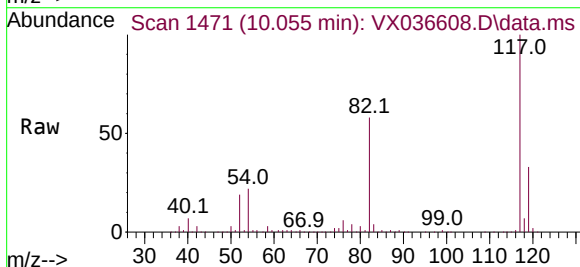
Instrument :
MSVOA_X
ClientSampleId :
VX0721WBL01

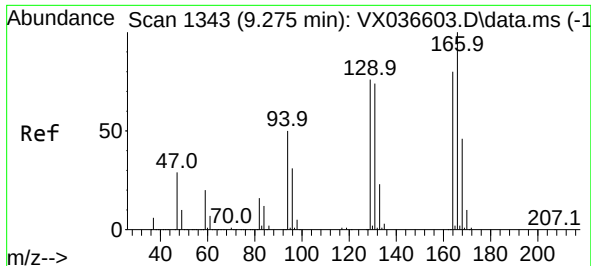
Tgt Ion: 95 Resp: 155366
Ion Ratio Lower Upper
95 100
174 71.2 0.0 135.6
176 69.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

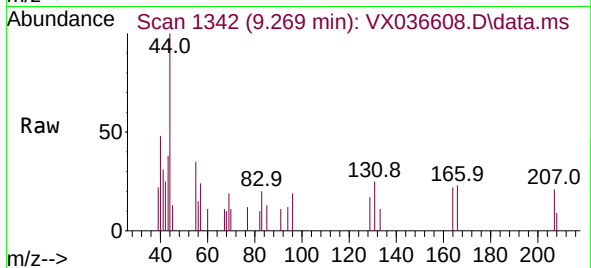
Tgt Ion: 117 Resp: 311785
Ion Ratio Lower Upper
117 100
82 57.6 46.2 69.4
119 32.6 25.5 38.3



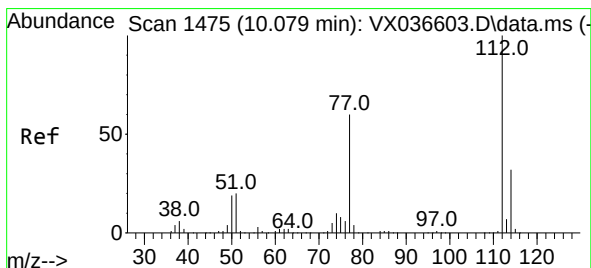
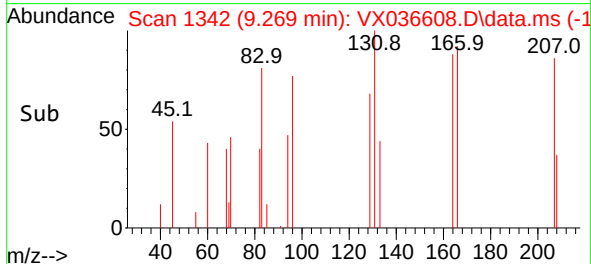
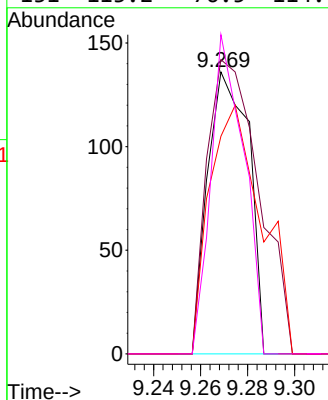


#64
Tetrachloroethene
Concen: 0.071 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

Instrument :
MSVOA_X
ClientSampleId :
VX0721WBL01

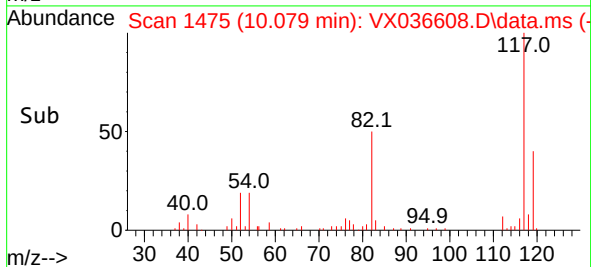
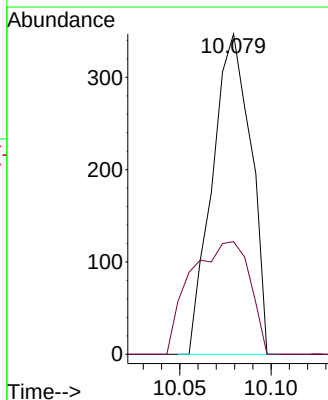
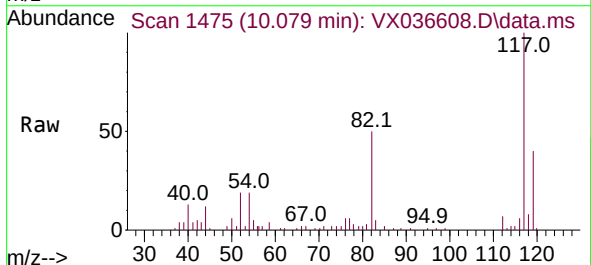


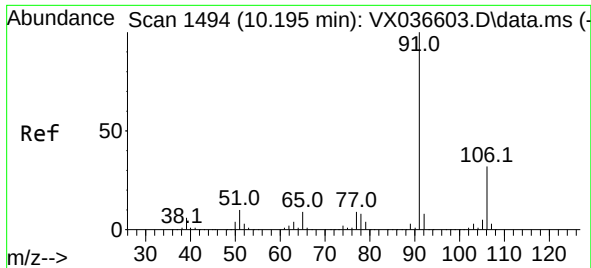
Tgt Ion:164 Resp: 165
Ion Ratio Lower Upper
164 100
166 104.4 102.7 154.1
129 77.2 80.4 120.6#
131 113.2 76.5 114.7



#65
Chlorobenzene
Concen: 0.074 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

Tgt Ion:112 Resp: 509
Ion Ratio Lower Upper
112 100
114 35.2 25.7 38.5

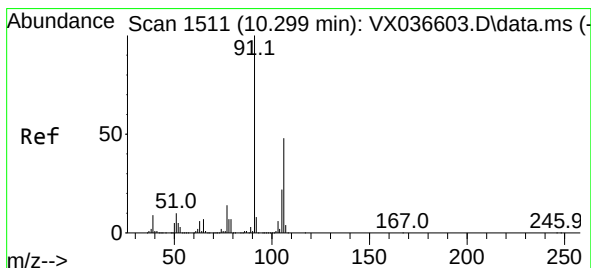
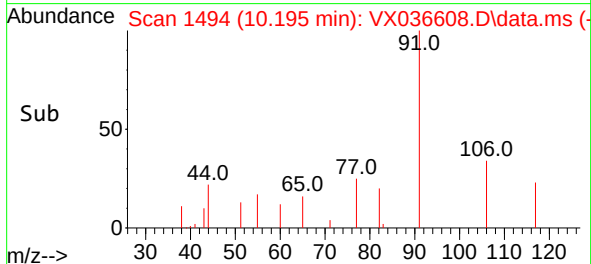
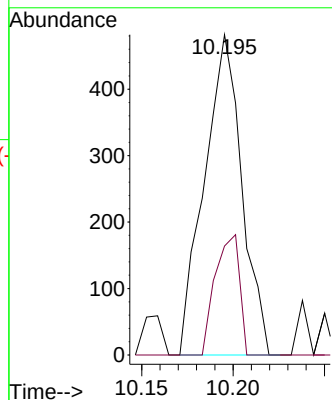
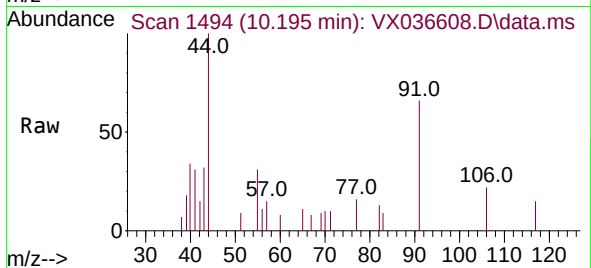




#67
Ethyl Benzene
Concen: 0.055 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

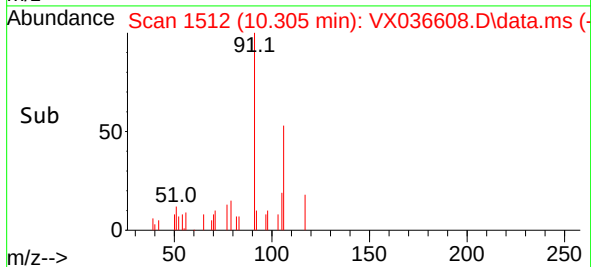
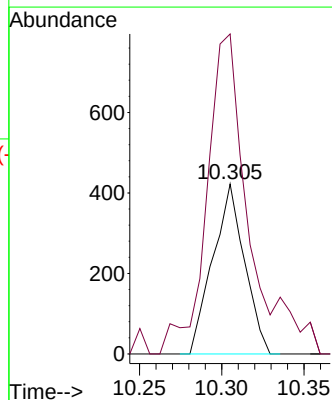
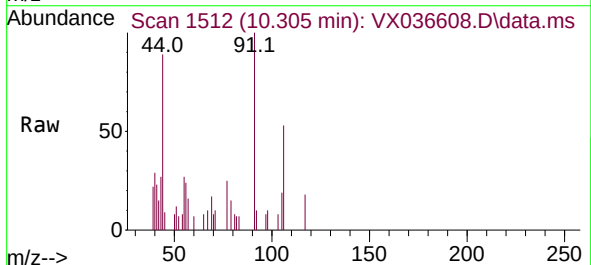
Instrument :
MSVOA_X
ClientSampleId :
VX0721WBL01

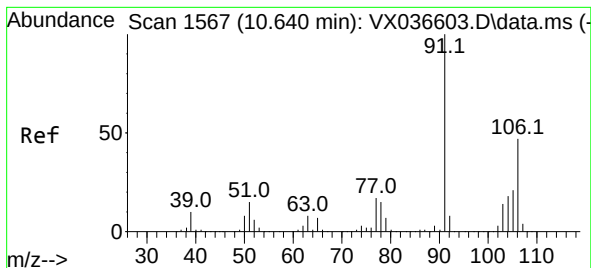
Tgt Ion: 91 Resp: 687
Ion Ratio Lower Upper
91 100
106 34.0 24.9 37.3



#68
m/p-Xylenes
Concen: 0.121 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

Tgt Ion: 106 Resp: 566
Ion Ratio Lower Upper
106 100
91 249.6 165.5 248.3#





#69

o-Xylene

Concen: 0.047 ug/l

RT: 10.646 min Scan# 1568

Delta R.T. 0.006 min

Lab File: VX036608.D

Acq: 21 Jul 2023 13:32

Instrument :

MSVOA_X

ClientSampleId :

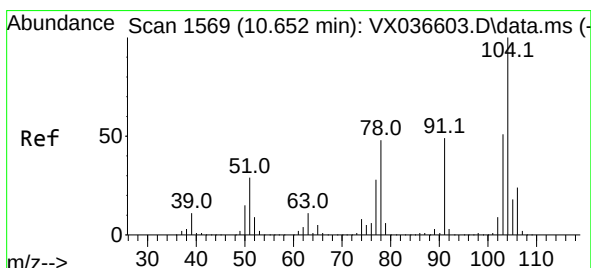
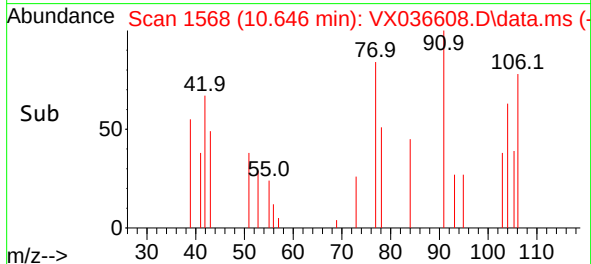
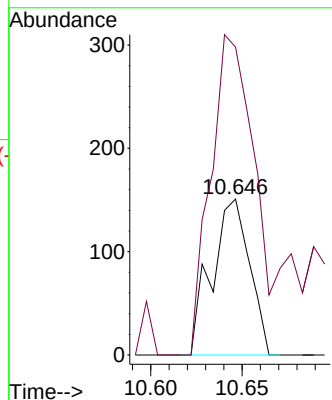
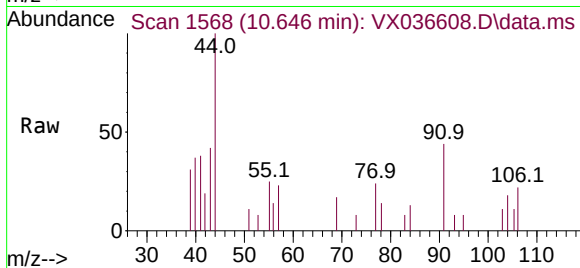
VX0721WBL01

Tgt Ion:106 Resp: 218

Ion Ratio Lower Upper

106 100

91 247.2 108.9 326.8



#70

Styrene

Concen: 0.065 ug/l

RT: 10.665 min Scan# 1571

Delta R.T. 0.012 min

Lab File: VX036608.D

Acq: 21 Jul 2023 13:32

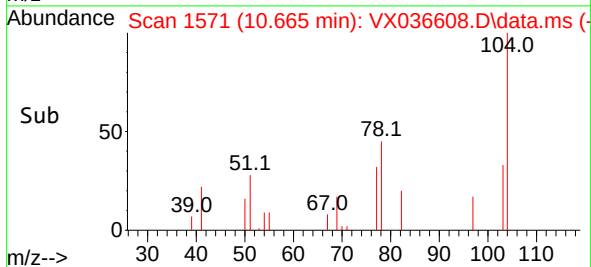
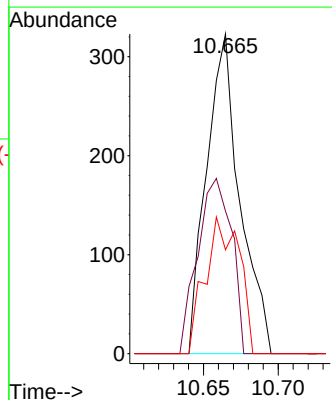
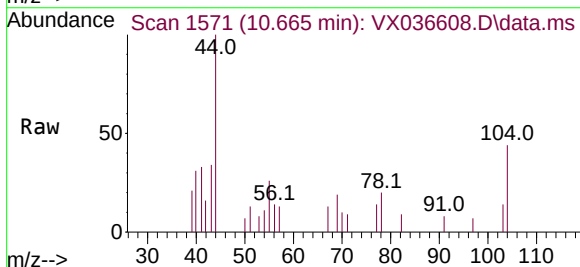
Tgt Ion:104 Resp: 500

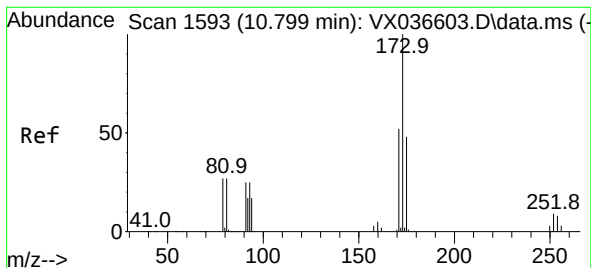
Ion Ratio Lower Upper

104 100

78 56.0 43.6 65.4

103 43.8 43.6 65.4





#71

Bromoform

Concen: 0.022 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX036608.D

Acq: 21 Jul 2023 13:32

Instrument :

MSVOA_X

ClientSampleId :

VX0721WBL01

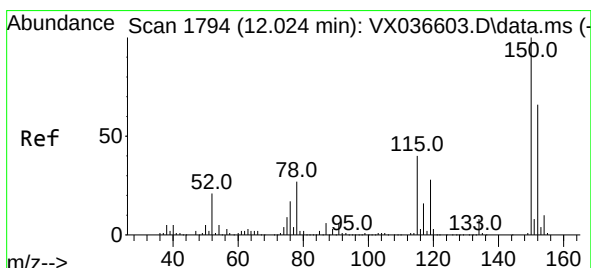
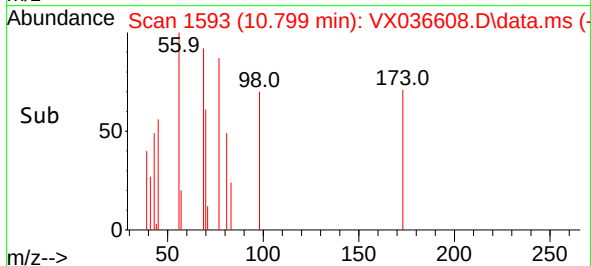
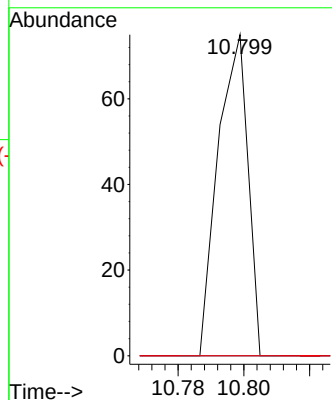
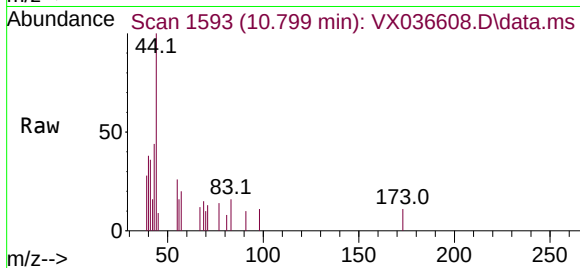
Tgt Ion:173 Resp: 47

Ion Ratio Lower Upper

173 100

175 0.0 24.1 72.4#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX036608.D

Acq: 21 Jul 2023 13:32

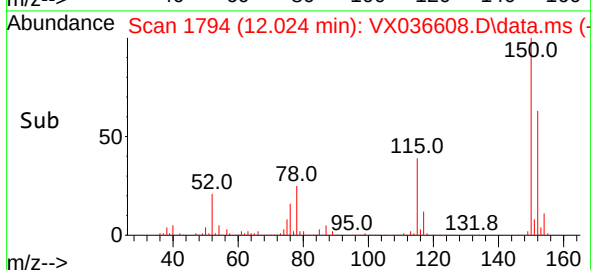
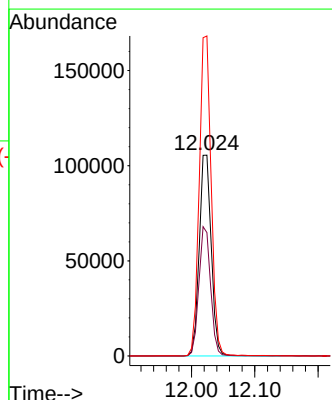
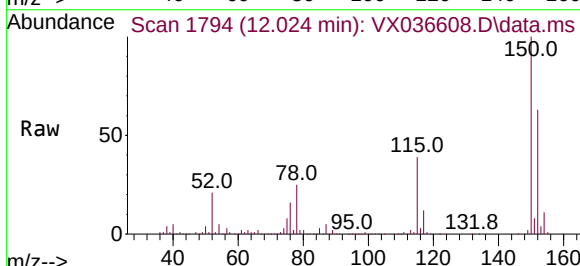
Tgt Ion:152 Resp: 139555

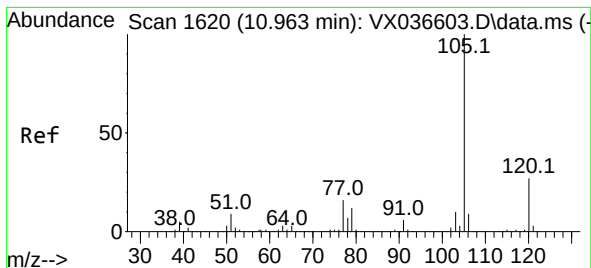
Ion Ratio Lower Upper

152 100

115 62.9 43.3 129.9

150 158.2 0.0 345.0





#73

Isopropylbenzene

Concen: 0.052 ug/l

RT: 10.970 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX036608.D

Acq: 21 Jul 2023 13:32

Instrument :

MSVOA_X

ClientSampleId :

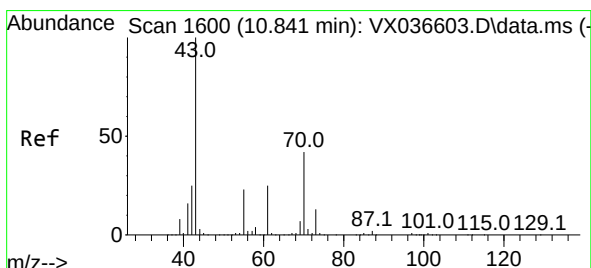
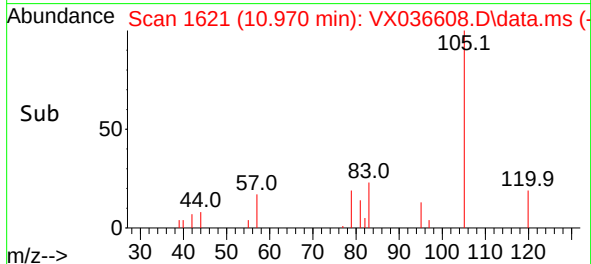
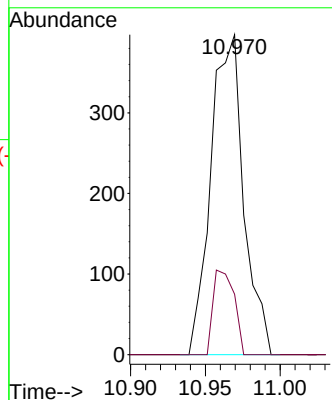
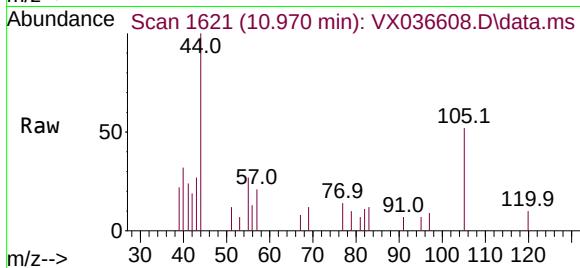
VX0721WBL01

Tgt Ion:105 Resp: 605

Ion Ratio Lower Upper

105 100

120 16.9 12.9 38.6



#74

N-ethyl acetate

Concen: 0.022 ug/l

RT: 10.854 min Scan# 1602

Delta R.T. 0.012 min

Lab File: VX036608.D

Acq: 21 Jul 2023 13:32

Tgt Ion: 43 Resp: 120

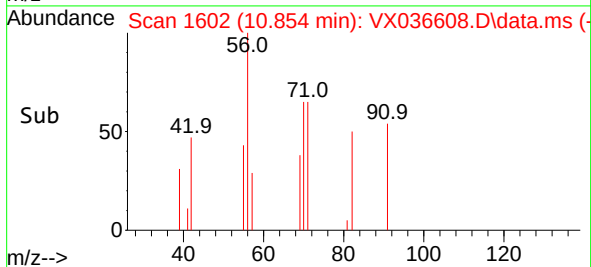
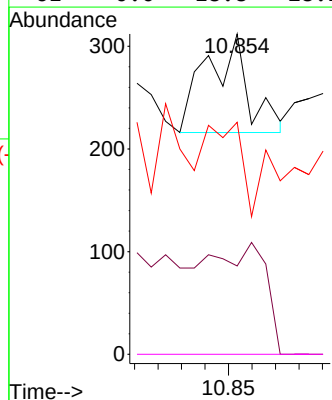
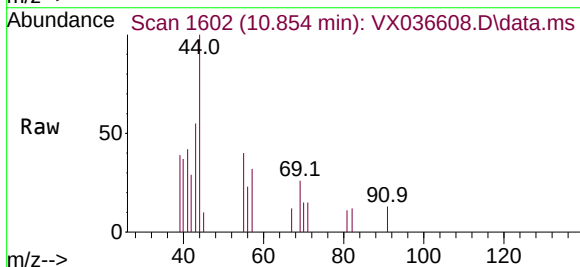
Ion Ratio Lower Upper

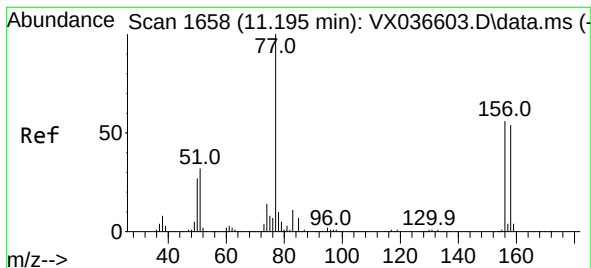
43 100

70 0.0 32.9 49.3#

55 81.7 19.3 28.9#

61 0.0 18.8 28.2#





#77

Bromobenzene

Concen: 0.076 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX036608.D

Acq: 21 Jul 2023 13:32

Instrument :

MSVOA_X

ClientSampleId :

VX0721WBL01

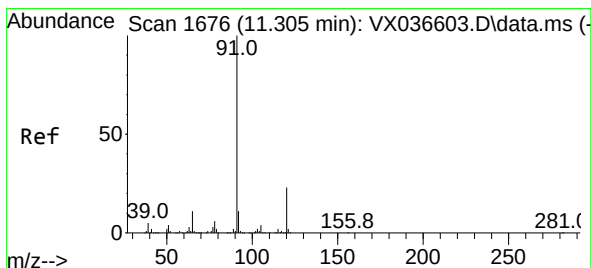
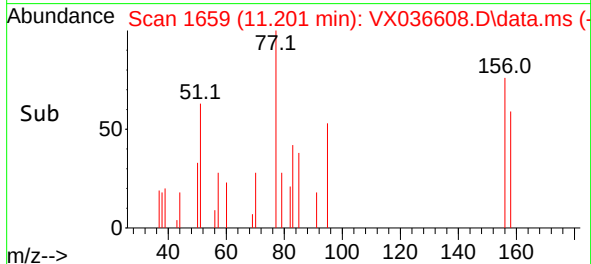
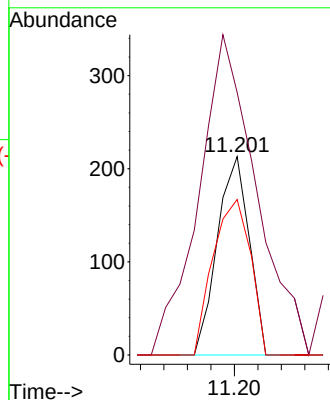
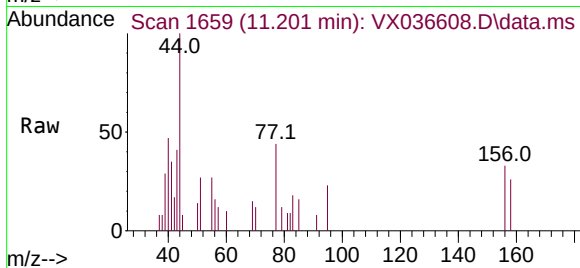
Tgt Ion:156 Resp: 200

Ion Ratio Lower Upper

156 100

77 304.5 88.4 265.3#

158 92.5 48.0 144.0



#78

n-propylbenzene

Concen: 0.083 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX036608.D

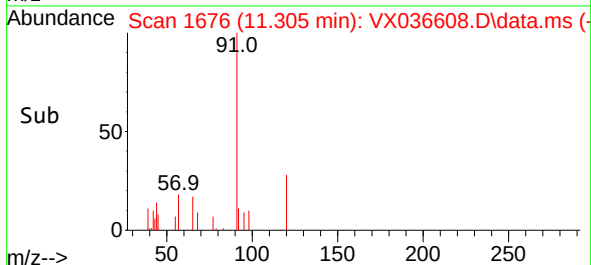
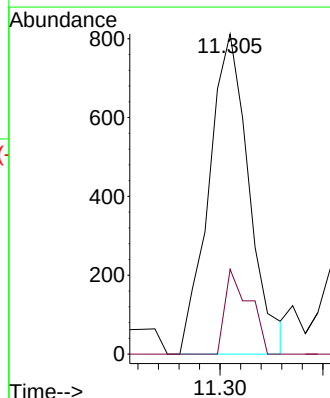
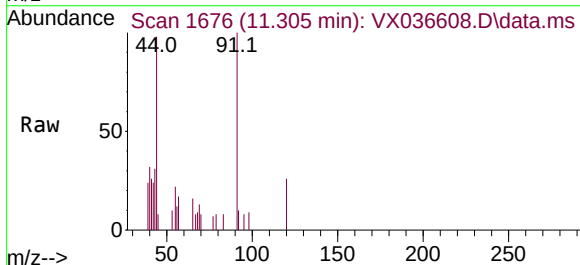
Acq: 21 Jul 2023 13:32

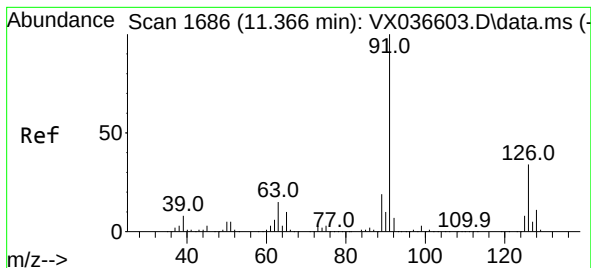
Tgt Ion: 91 Resp: 1103

Ion Ratio Lower Upper

91 100

120 16.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 0.088 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036608.D

Acq: 21 Jul 2023 13:32

Instrument :

MSVOA_X

ClientSampleId :

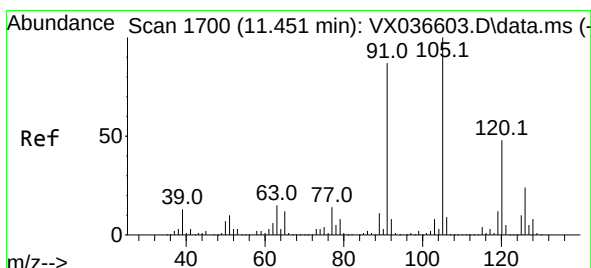
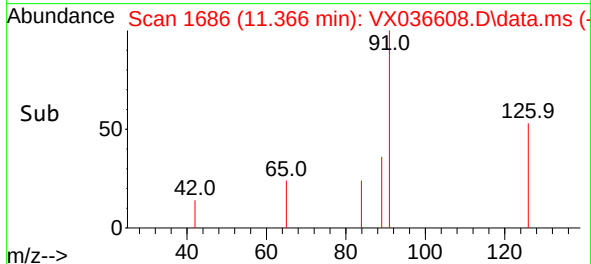
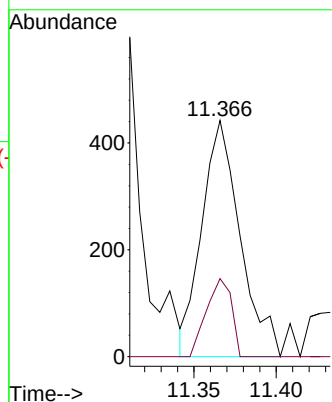
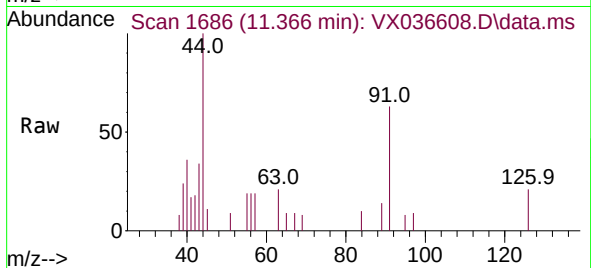
VX0721WBL01

Tgt Ion: 91 Resp: 716

Ion Ratio Lower Upper

91 100

126 21.6 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 0.056 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX036608.D

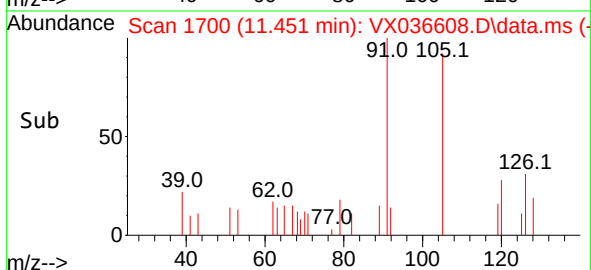
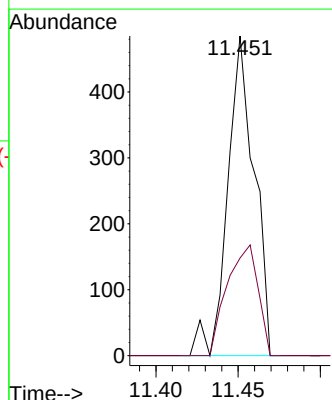
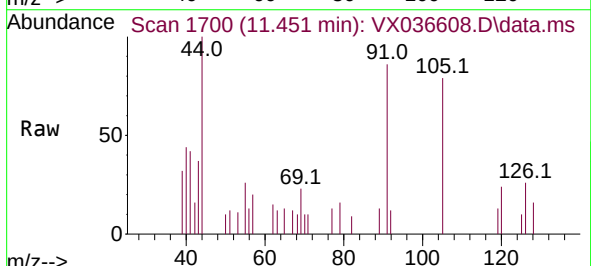
Acq: 21 Jul 2023 13:32

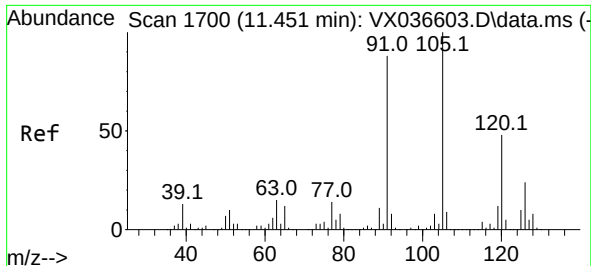
Tgt Ion: 105 Resp: 545

Ion Ratio Lower Upper

105 100

120 40.2 24.1 72.3

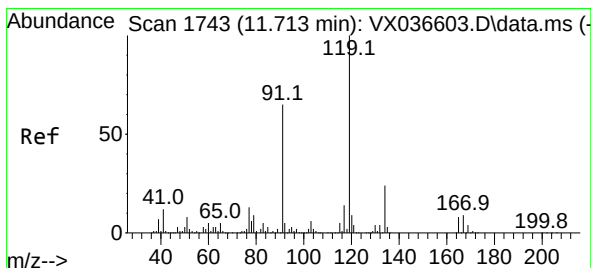
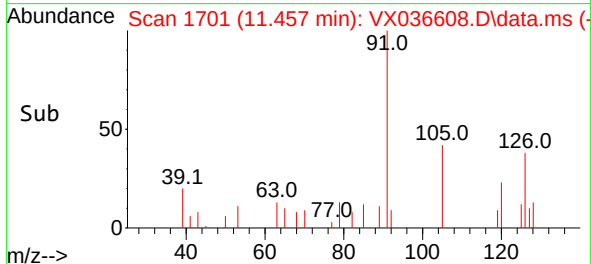
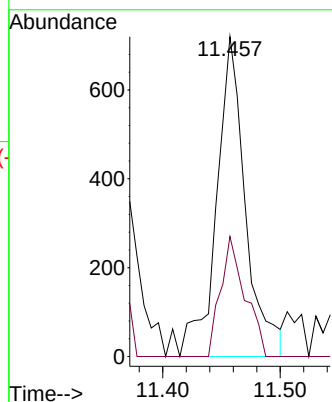
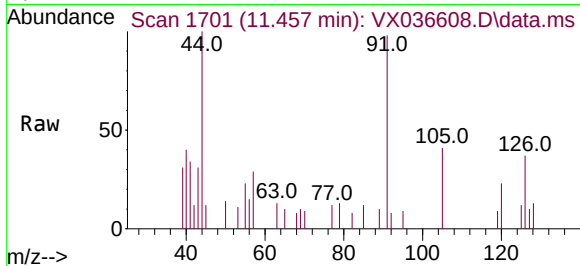




#82
4-Chlorotoluene
Concen: 0.133 ug/l
RT: 11.457 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

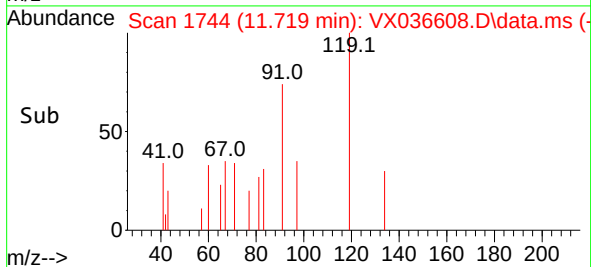
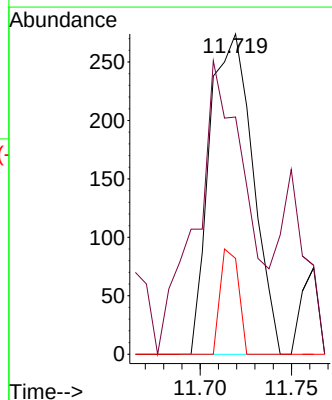
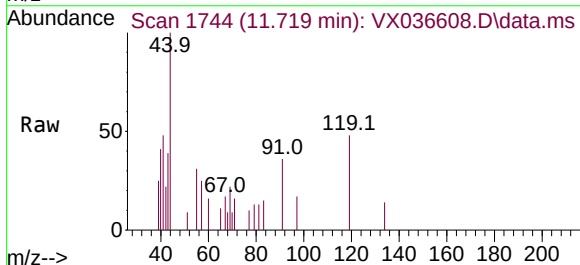
Instrument :
MSVOA_X
ClientSampleId :
VX0721WBL01

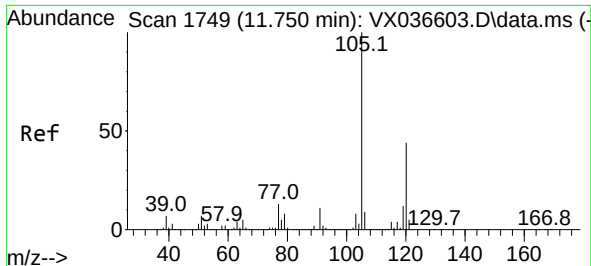
Tgt Ion: 91 Resp: 1231
Ion Ratio Lower Upper
91 100
126 31.7 14.2 42.6



#83
tert-Butylbenzene
Concen: 0.048 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.006 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

Tgt Ion: 119 Resp: 451
Ion Ratio Lower Upper
119 100
91 105.8 31.2 93.6#
134 14.0 11.7 35.0

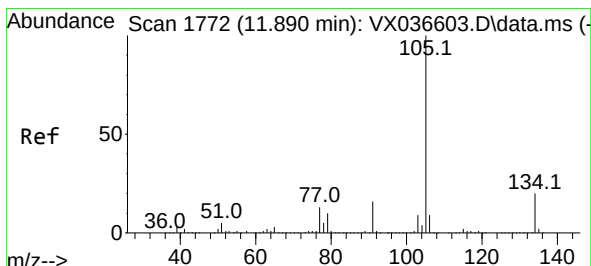
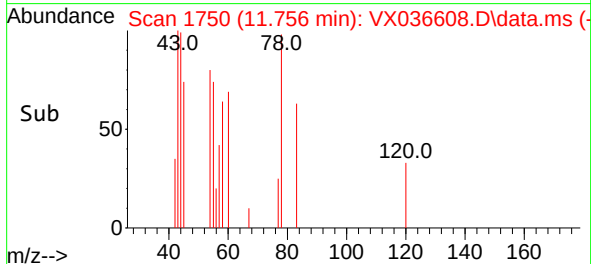
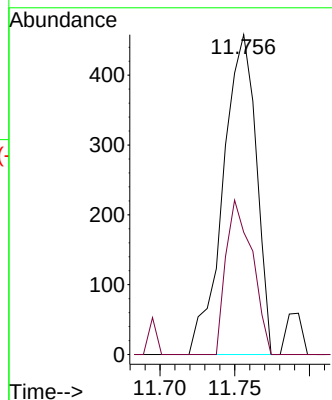
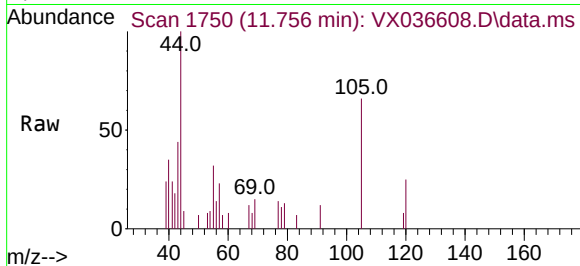




#84
1,2,4-Trimethylbenzene
Concen: 0.073 ug/l
RT: 11.756 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

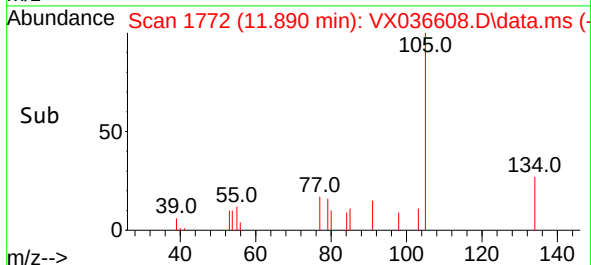
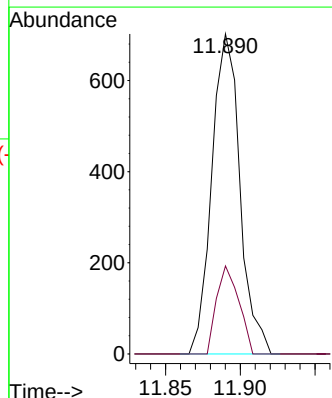
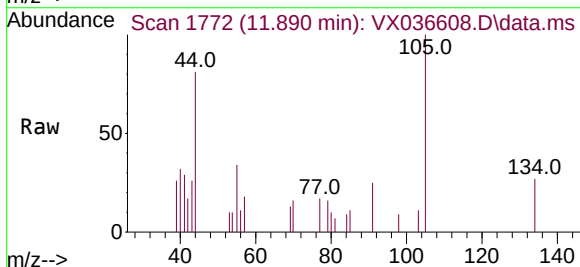
Instrument :
MSVOA_X
ClientSampleId :
VX0721WBL01

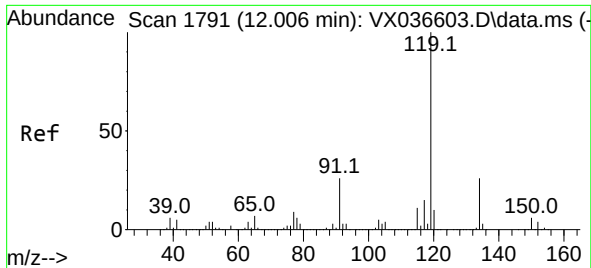
Tgt Ion:105 Resp: 705
Ion Ratio Lower Upper
105 100
120 38.4 21.2 63.6



#85
sec-Butylbenzene
Concen: 0.077 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

Tgt Ion:105 Resp: 917
Ion Ratio Lower Upper
105 100
134 21.7 9.8 29.4

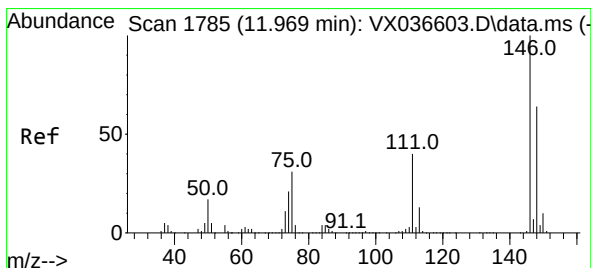
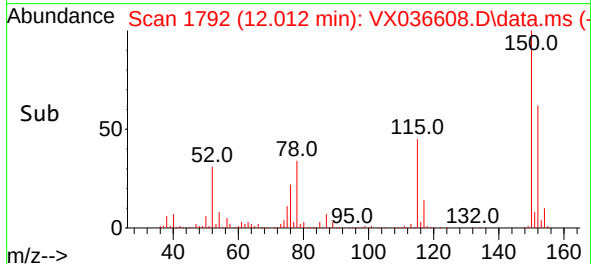
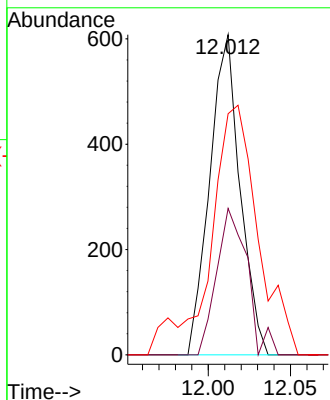
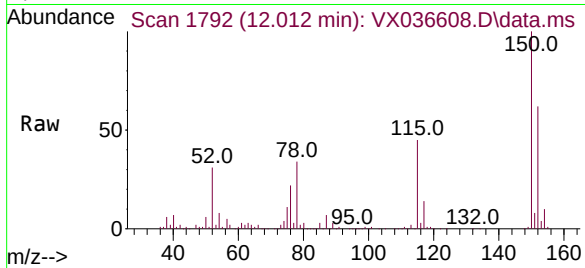




#86
p-Isopropyltoluene
Concen: 0.080 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

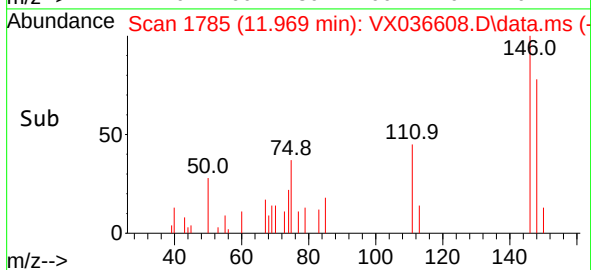
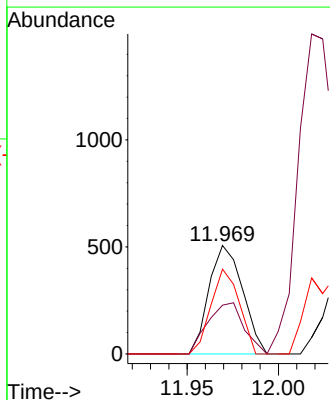
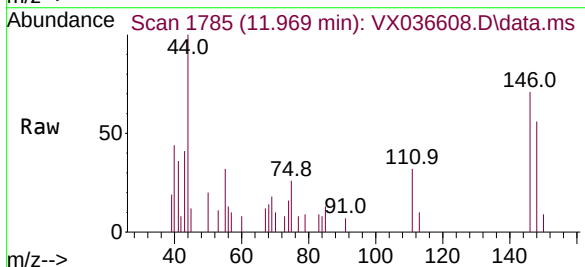
Instrument :
MSVOA_X
ClientSampleId :
VX0721WBL01

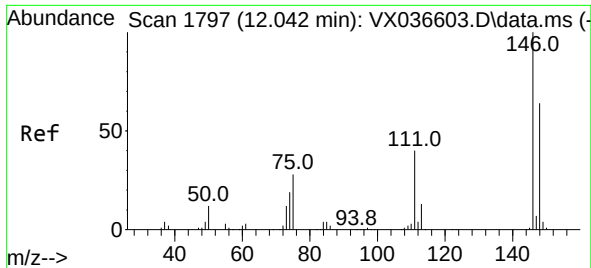
Tgt Ion:119 Resp: 781
Ion Ratio Lower Upper
119 100
134 45.8 12.8 38.3#
91 122.2 13.1 39.3#



#87
1,3-Dichlorobenzene
Concen: 0.133 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

Tgt Ion:146 Resp: 648
Ion Ratio Lower Upper
146 100
111 50.6 22.1 66.1
148 66.0 31.8 95.3

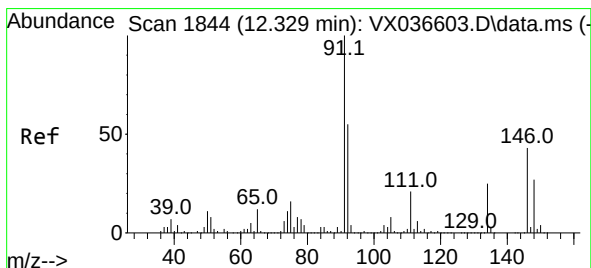
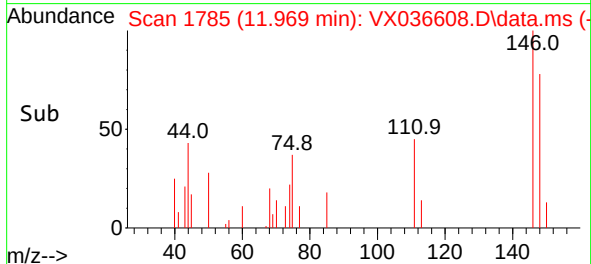
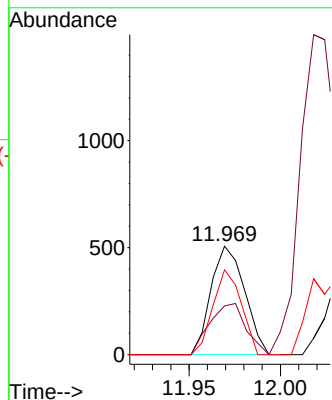
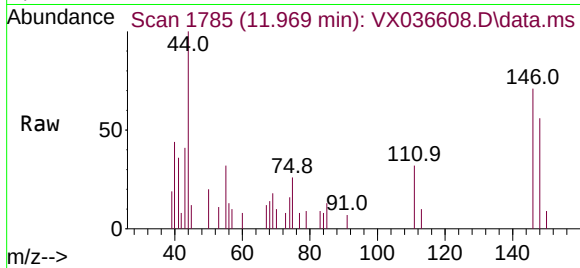




#88
1,4-Dichlorobenzene
Concen: 0.134 ug/l
RT: 11.969 min Scan# 11
Delta R.T. -0.073 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

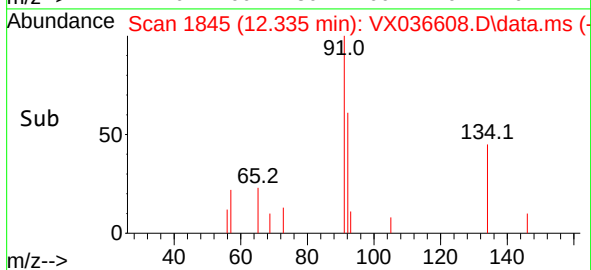
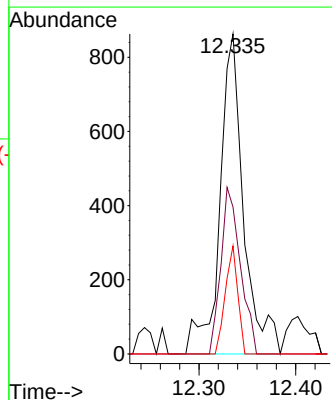
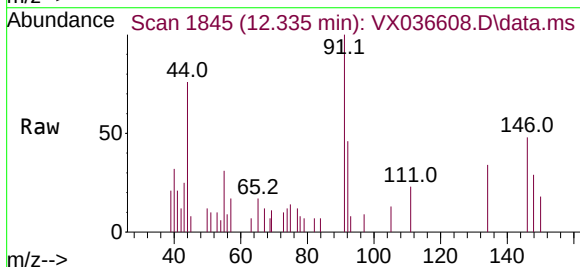
Instrument :
MSVOA_X
ClientSampleId :
VX0721WBL01

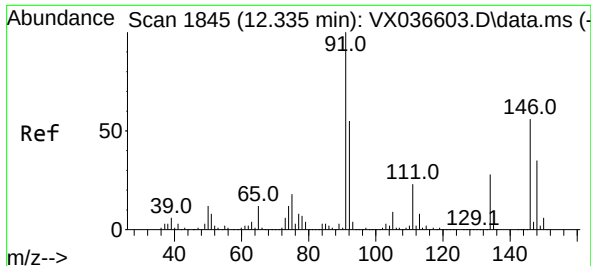
Tgt Ion:146 Resp: 648
Ion Ratio Lower Upper
146 100
111 50.6 21.3 63.7
148 66.0 31.8 95.4



#89
n-Butylbenzene
Concen: 0.168 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

Tgt Ion: 91 Resp: 1466
Ion Ratio Lower Upper
91 100
92 42.8 27.4 82.0
134 17.7 12.6 37.8

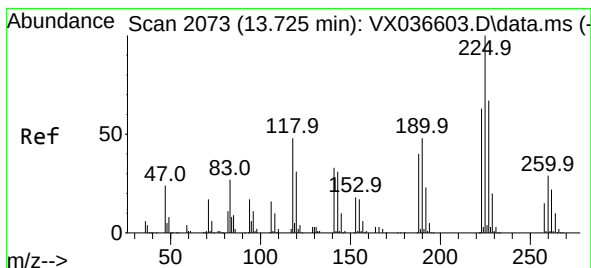
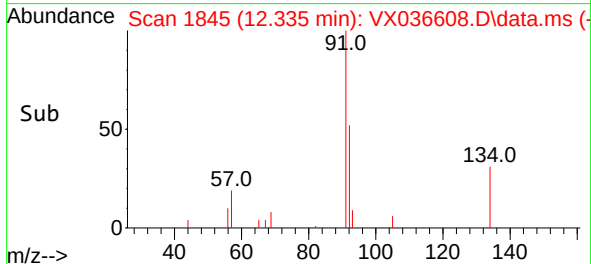
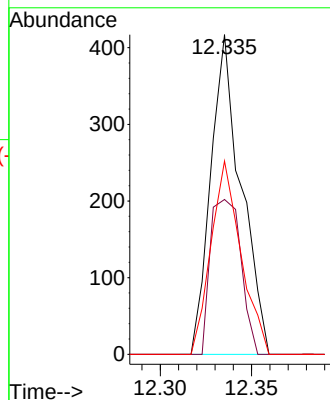
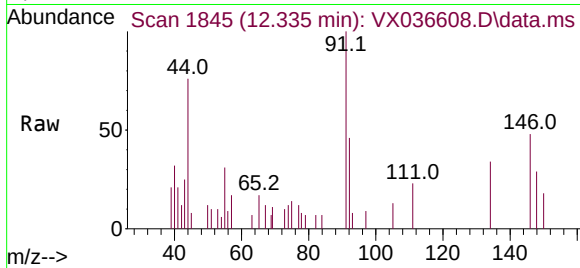




#91
1,2-Dichlorobenzene
Concen: 0.102 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

Instrument :
MSVOA_X
ClientSampleId :
VX0721WBL01

Tgt Ion:146 Resp: 481
Ion Ratio Lower Upper
146 100
111 48.9 22.4 67.0
148 59.9 31.6 95.0



#94
Hexachlorobutadiene
Concen: 0.188 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX036608.D
Acq: 21 Jul 2023 13:32

Tgt Ion:225 Resp: 225
Ion Ratio Lower Upper
225 100
223 59.1 31.1 93.2
227 49.3 32.5 97.5

