

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051823\
 Data File : VX035741.D
 Acq On : 18 May 2023 14:45
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: May 19 05:47:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	186702	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	346248	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	313299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141002	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	158472	48.655	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.300%
35) Dibromofluoromethane	5.385	113	111766	47.864	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.720%
50) Toluene-d8	8.647	98	416406	48.271	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.540%
62) 4-Bromofluorobenzene	11.079	95	170343	49.043	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.080%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.179	85	53	0.022	ug/l	# 42
3) Chloromethane	1.295	50	515	0.174	ug/l	# 75
4) Vinyl Chloride	1.374	62	103	0.041	ug/l	# 42
5) Bromomethane	1.624	94	260	0.192	ug/l	95
7) Trichlorofluoromethane	1.886	101	76	0.021	ug/l	# 37
9) 1,1,2-Trichlorotrifluo...	2.325	101	54	0.025	ug/l	# 19
12) 1,1-Dichloroethene	2.325	96	120	0.058	ug/l	# 73
14) Allyl chloride	2.660	41	121	0.027	ug/l	# 37
15) Acrylonitrile	3.087	53	333	0.263	ug/l	# 76
16) Acetone	2.398	43	1097	0.784	ug/l	98
18) Methyl Acetate	2.721	43	662	0.128	ug/l	# 60
21) trans-1,2-Dichloroethene	3.087	96	281	0.123	ug/l	# 69
23) Vinyl Acetate	3.745	43	514	0.083	ug/l	# 72
25) 2-Butanone	4.587	43	63	0.033	ug/l	# 51
27) cis-1,2-Dichloroethene	4.489	96	50	0.018	ug/l	# 29
29) Tetrahydrofuran	5.044	42	212	0.174	ug/l	# 42
30) Chloroform	5.087	83	116	0.024	ug/l	# 79
32) 1,1,1-Trichloroethane	5.416	97	19	0.005	ug/l	# 23
37) Ethyl Acetate	4.739	43	33	0.009	ug/l	# 70
39) Methylcyclohexane	7.385	83	178	0.041	ug/l	# 18
40) Benzene	6.050	78	165	0.016	ug/l	# 52
41) Methacrylonitrile	4.952	41	52	0.023	ug/l	# 24
42) 1,2-Dichloroethane	6.092	62	445	0.100	ug/l	# 75
43) Isopropyl Acetate	6.348	43	19	0.003	ug/l	# 62
44) Trichloroethene	7.129	130	257	0.098	ug/l	90
51) 4-Methyl-2-Pentanone	8.586	43	204	0.053	ug/l	# 37
52) Toluene	8.720	92	220	0.034	ug/l	84
53) t-1,3-Dichloropropene	8.976	75	134	0.034	ug/l	# 43
54) cis-1,3-Dichloropropene	8.373	75	49	0.012	ug/l	# 1
56) Ethyl methacrylate	9.116	69	21	0.005	ug/l	# 1
57) 1,3-Dichloropropane	9.311	76	72	0.016	ug/l	# 42
58) 2-Chloroethyl Vinyl ether	8.257	63	254	0.121	ug/l	# 47
59) 2-Hexanone	9.439	43	286	0.098	ug/l	# 60
60) Dibromochloromethane	9.275	129	84	0.034	ug/l	# 10
61) 1,2-Dibromoethane	9.628	107	88	0.033	ug/l	# 60
65) Chlorobenzene	10.080	112	355	0.052	ug/l	# 42

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051823\
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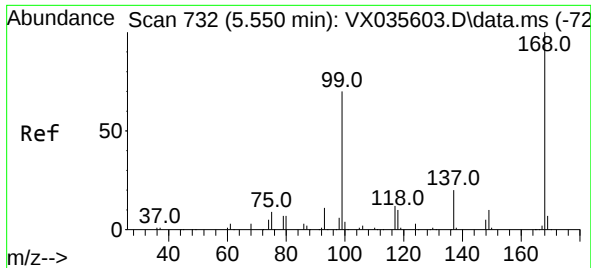
Instrument :
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 ClientSampleId :
 IBLK

Quant Time: May 19 05:47:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

67) Ethyl Benzene	10.189	91	560	0.044	ug/l	95
68) m/p-Xylenes	10.299	106	395	0.083	ug/l	82
69) o-Xylene	10.634	106	132	0.028	ug/l	85
70) Styrene	10.653	104	386	0.051	ug/l #	80
73) Isopropylbenzene	10.964	105	538	0.045	ug/l #	61
74) N-amyl acetate	10.860	43	105	0.019	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	11.073	83	175	0.045	ug/l #	1
77) Bromobenzene	11.195	156	167	0.062	ug/l #	56
78) n-propylbenzene	11.305	91	907	0.065	ug/l	95
79) 2-Chlorotoluene	11.366	91	485	0.055	ug/l	89
80) 1,3,5-Trimethylbenzene	11.451	105	439	0.043	ug/l	88
82) 4-Chlorotoluene	11.451	91	820	0.081	ug/l	95
83) tert-Butylbenzene	11.707	119	481	0.049	ug/l #	83
84) 1,2,4-Trimethylbenzene	11.750	105	518	0.051	ug/l	92
85) sec-Butylbenzene	11.896	105	672	0.055	ug/l	99
86) p-Isopropyltoluene	12.006	119	740	0.073	ug/l #	25
87) 1,3-Dichlorobenzene	11.969	146	583	0.114	ug/l	86
88) 1,4-Dichlorobenzene	11.969	146	583	0.113	ug/l	86
89) n-Butylbenzene	12.329	91	1108	0.120	ug/l	99
91) 1,2-Dichlorobenzene	12.341	146	489	0.097	ug/l	90
92) 1,2-Dibromo-3-Chloropr...	12.805	75	22	0.026	ug/l #	5
95) Naphthalene	13.774	128	1701	0.164	ug/l #	95

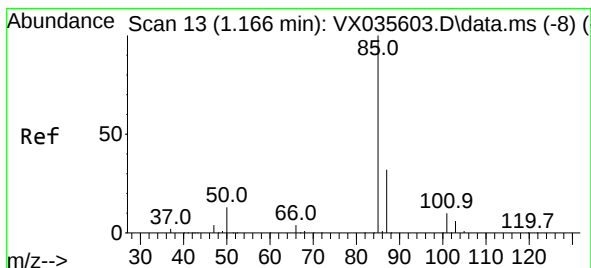
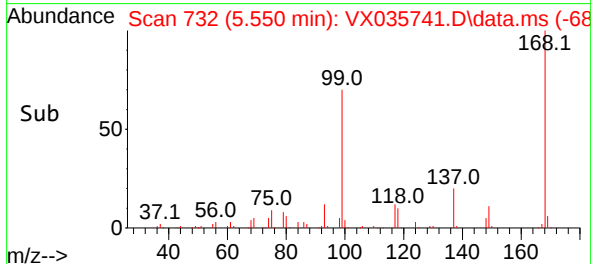
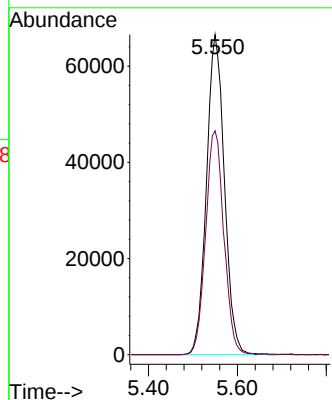
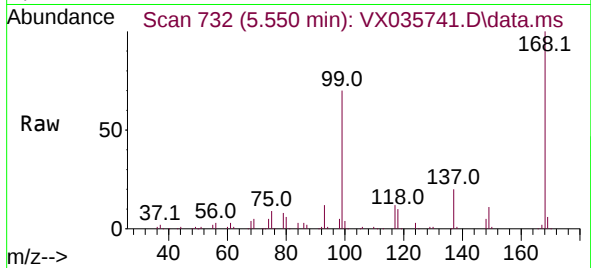
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035741.D
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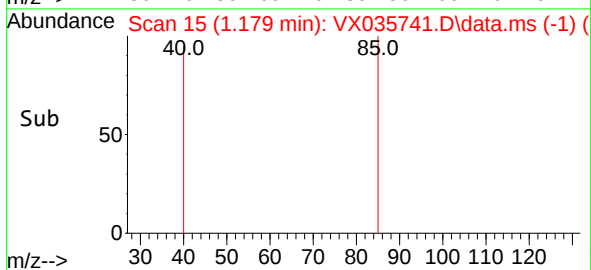
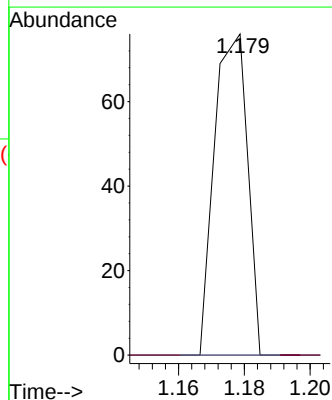
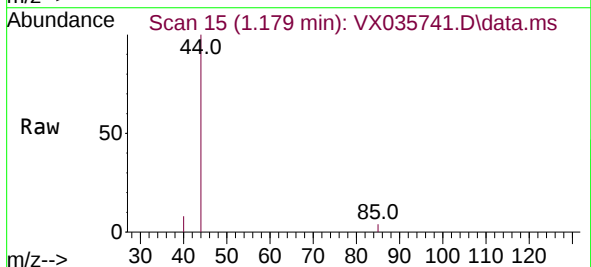
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IBLK

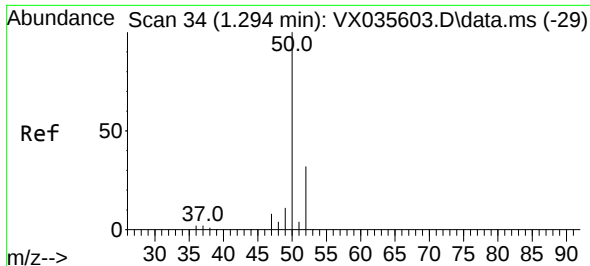
Tgt Ion:168 Resp: 186702
Ion Ratio Lower Upper
168 100
99 70.0 45.7 68.5#



#2
Dichlorodifluoromethane
Concen: 0.022 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.013 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

Tgt Ion: 85 Resp: 53
Ion Ratio Lower Upper
85 100
87 0.0 16.4 49.1#

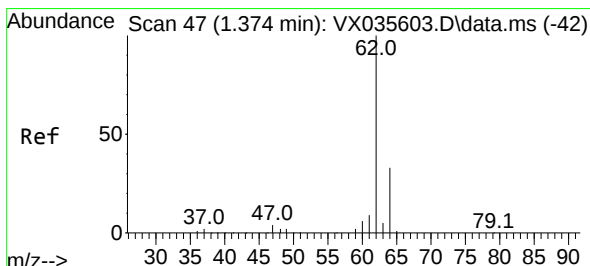
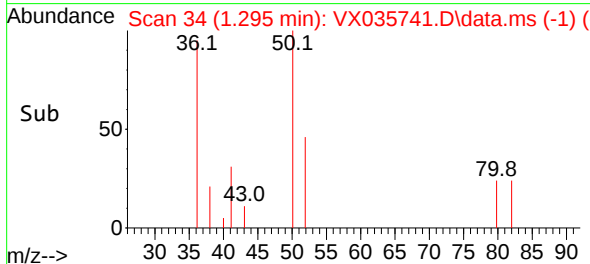
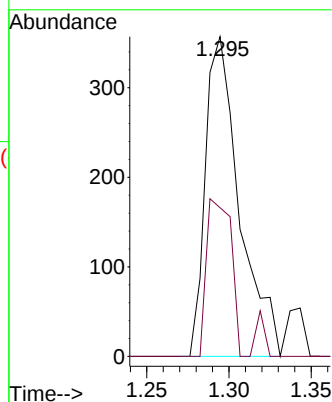
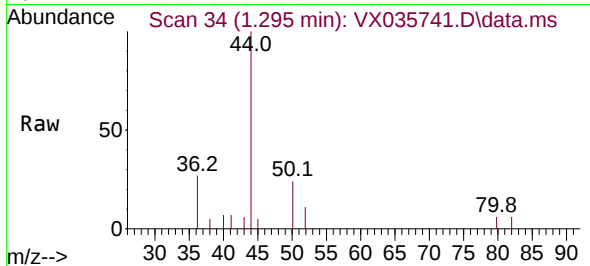




#3
Chloromethane
Concen: 0.174 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

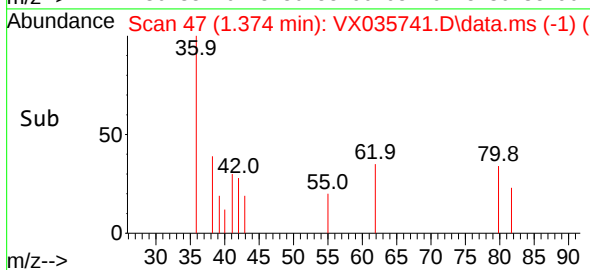
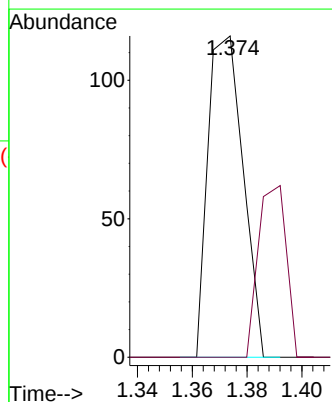
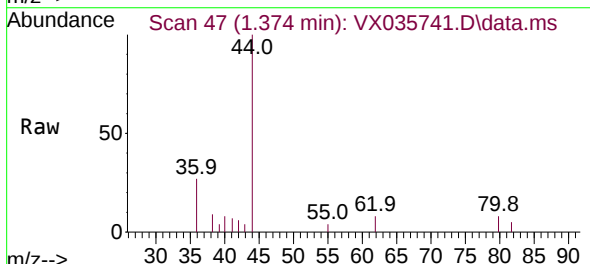
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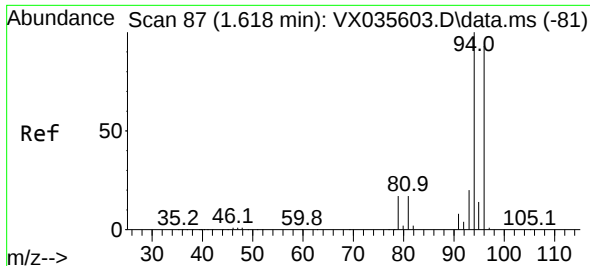
Tgt Ion: 50 Resp: 515
Ion Ratio Lower Upper
50 100
52 46.5 25.9 38.9#



#4
Vinyl Chloride
Concen: 0.041 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

Tgt Ion: 62 Resp: 103
Ion Ratio Lower Upper
62 100
64 0.0 26.4 39.6#

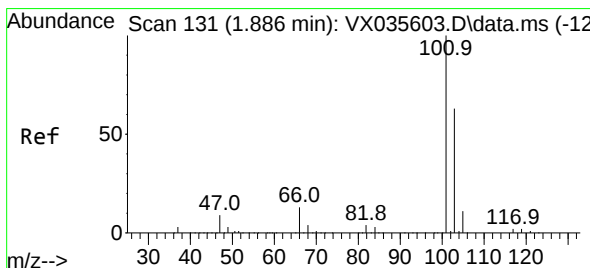
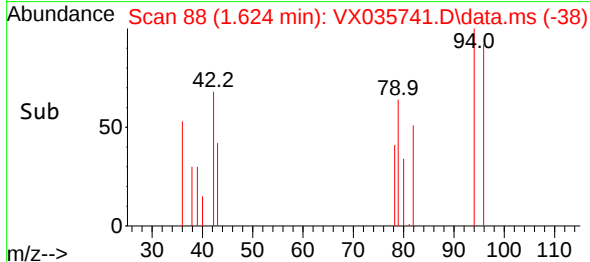
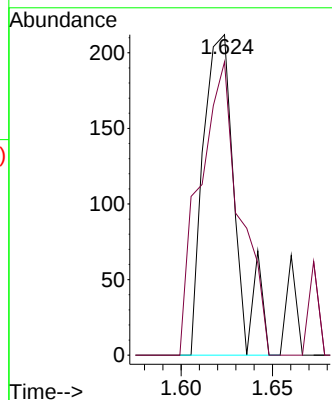
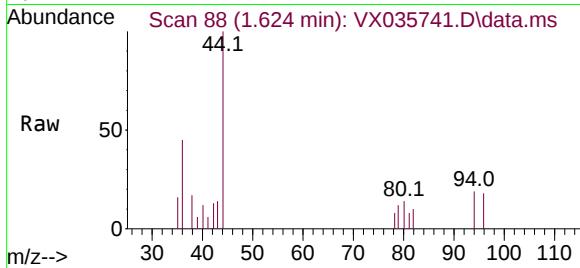




#5
 Bromomethane
 Concen: 0.192 ug/l
 RT: 1.624 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VX035741.D
 Acq: 18 May 2023 14:45

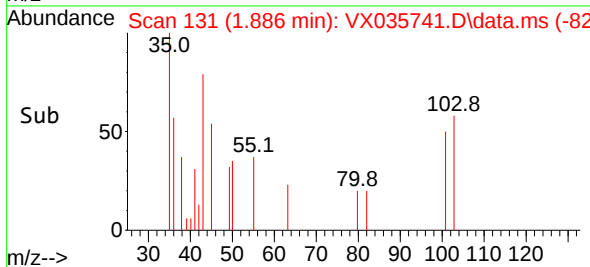
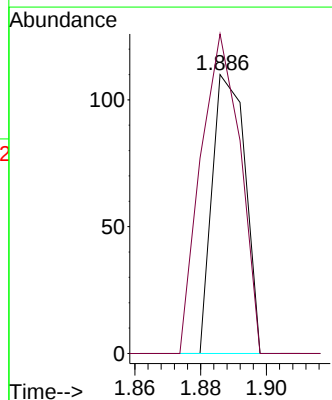
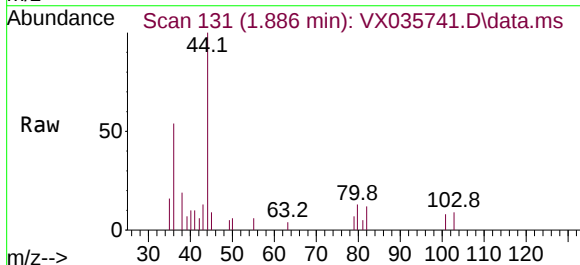
Instrument :
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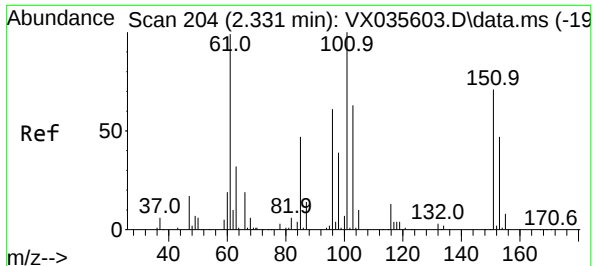
Tgt Ion: 94 Resp: 260
 Ion Ratio Lower Upper
 94 100
 96 91.5 77.0 115.6



#7
 Trichlorofluoromethane
 Concen: 0.021 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. -0.000 min
 Lab File: VX035741.D
 Acq: 18 May 2023 14:45

Tgt Ion: 101 Resp: 76
 Ion Ratio Lower Upper
 101 100
 103 114.5 52.0 78.0#

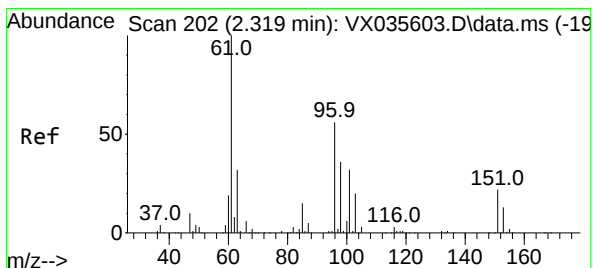
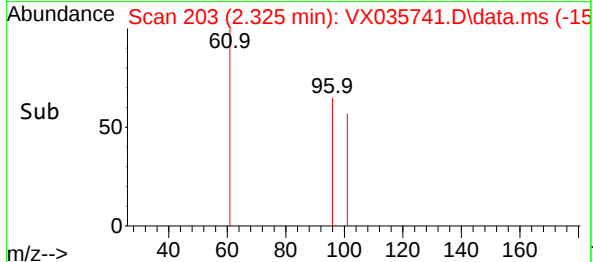
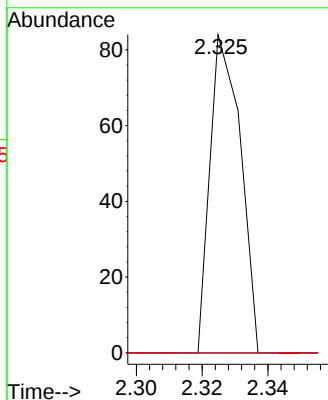
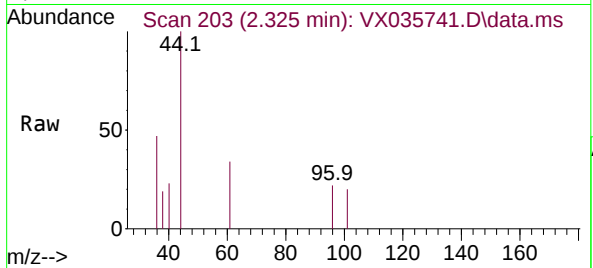




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.025 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

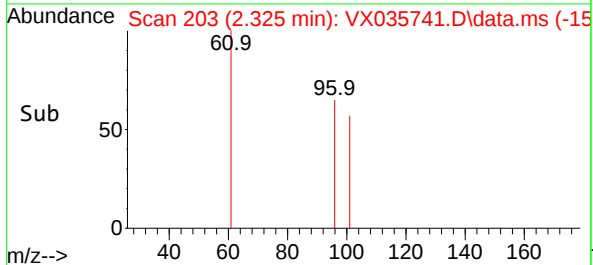
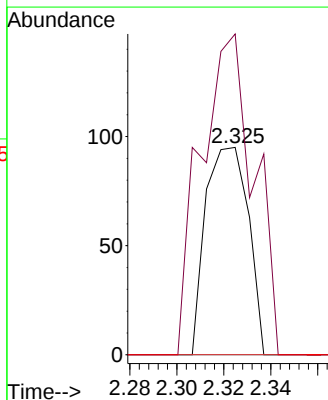
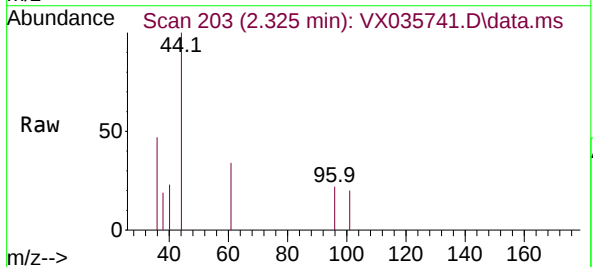
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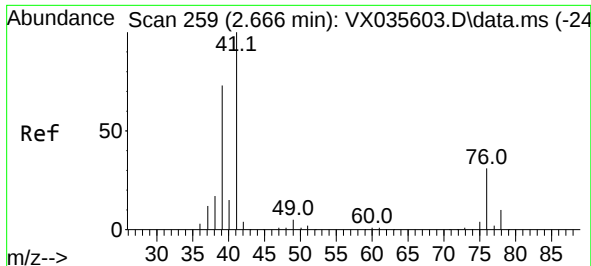
Tgt Ion:101 Resp: 54
Ion Ratio Lower Upper
101 100
85 0.0 35.4 53.2#
151 0.0 60.2 90.4#



#12
1,1-Dichloroethene
Concen: 0.058 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

Tgt Ion: 96 Resp: 120
Ion Ratio Lower Upper
96 100
61 154.7 128.8 193.2
98 0.0 51.4 77.0#

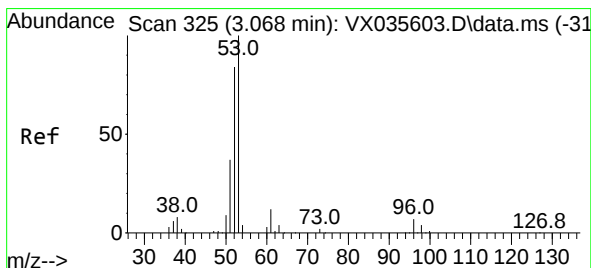
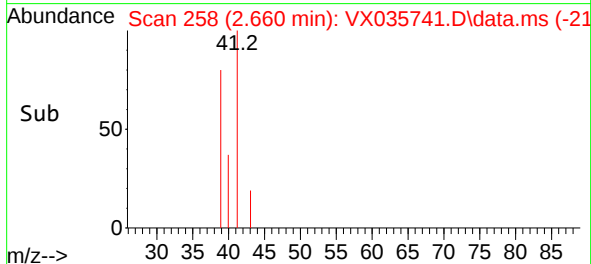
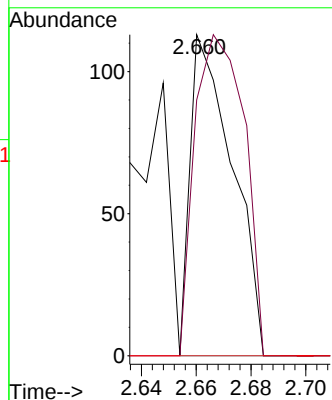
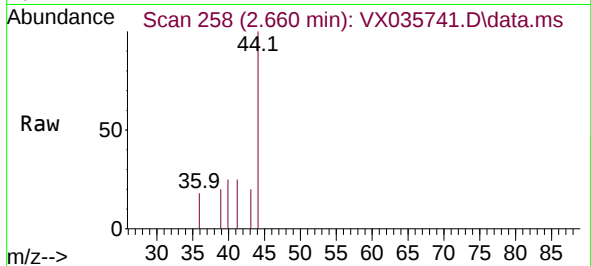




#14
 Allyl chloride
 Concen: 0.027 ug/l
 RT: 2.660 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VX035741.D
 Acq: 18 May 2023 14:45

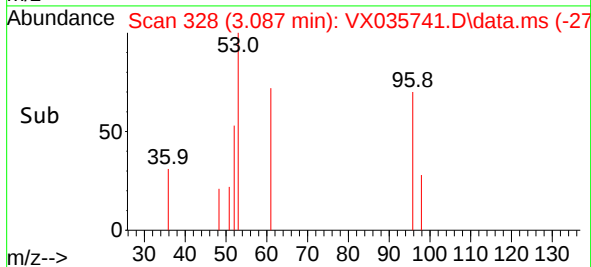
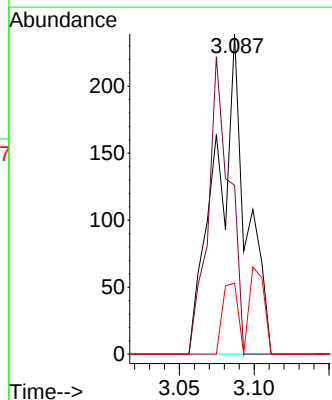
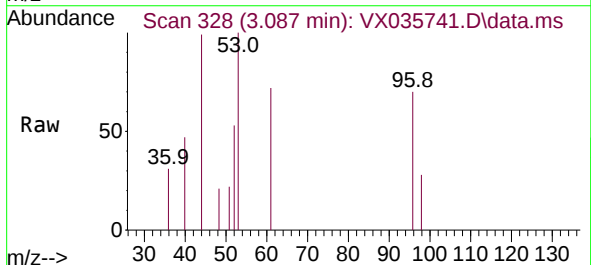
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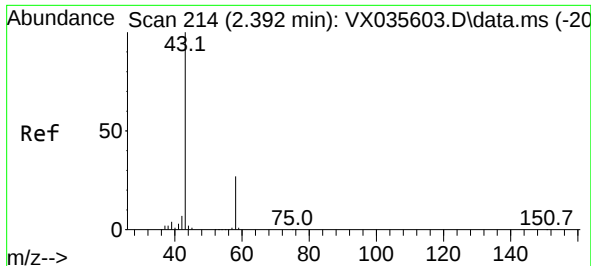
Tgt Ion: 41 Resp: 121
 Ion Ratio Lower Upper
 41 100
 39 117.4 52.4 78.6#
 76 0.0 26.0 39.0#



#15
 Acrylonitrile
 Concen: 0.263 ug/l
 RT: 3.087 min Scan# 328
 Delta R.T. 0.019 min
 Lab File: VX035741.D
 Acq: 18 May 2023 14:45

Tgt Ion: 53 Resp: 333
 Ion Ratio Lower Upper
 53 100
 52 67.3 66.2 99.2
 51 11.4 28.3 42.5#

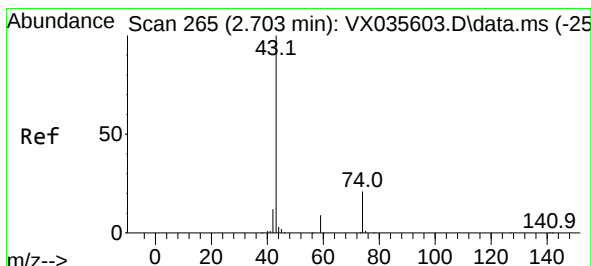
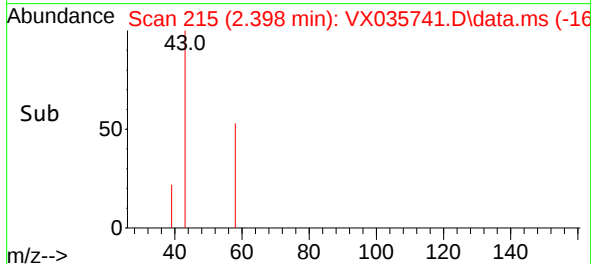
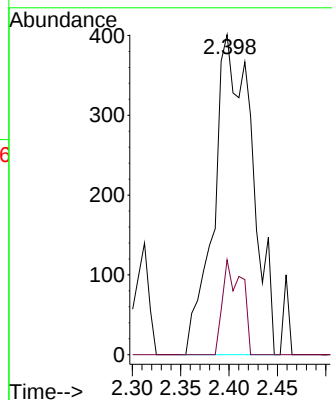
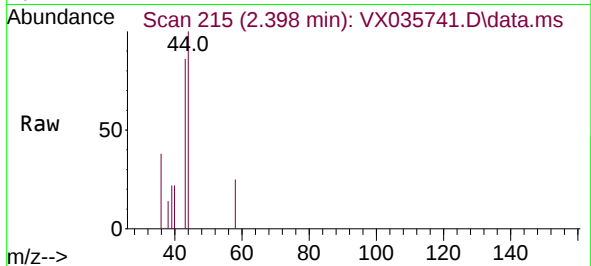




#16
Acetone
Concen: 0.784 ug/l
RT: 2.398 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

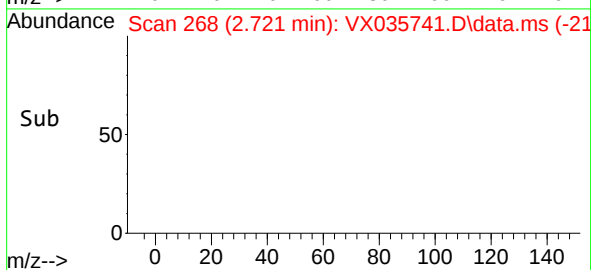
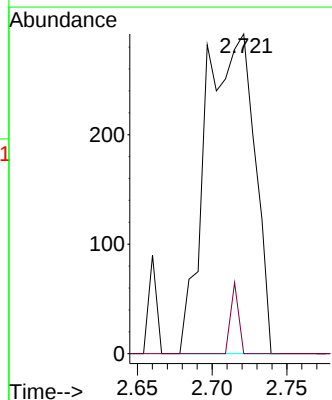
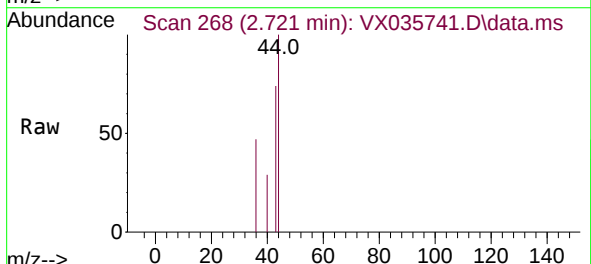
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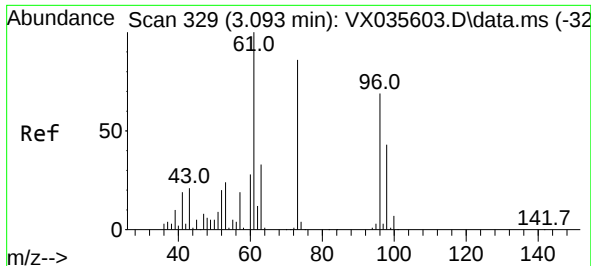
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Ion Ratio Lower Upper
43 100
58 29.7 24.7 37.1



#18
Methyl Acetate
Concen: 0.128 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.018 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

Tgt Ion: 43 Resp: 662
Ion Ratio Lower Upper
43 100
74 3.6 18.3 27.5#

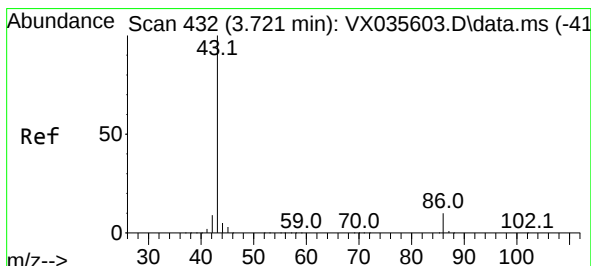
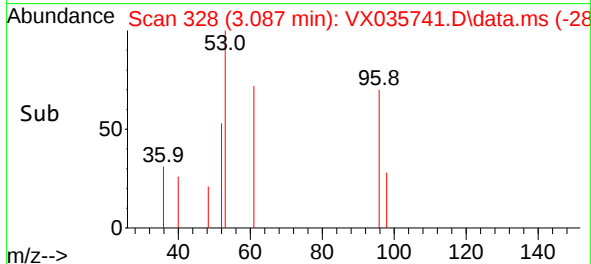
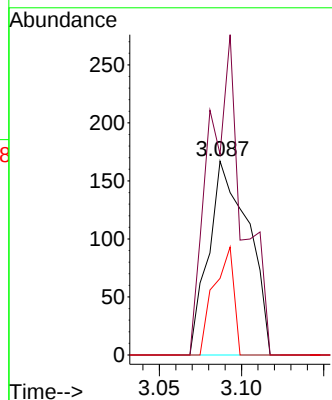
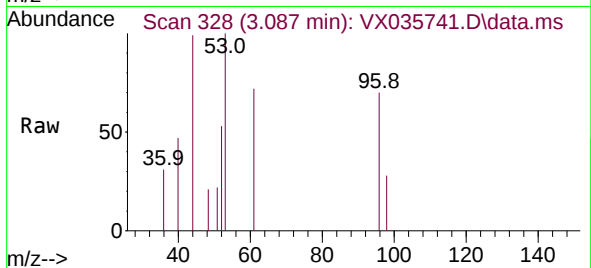




#21
trans-1,2-Dichloroethene
Concen: 0.123 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

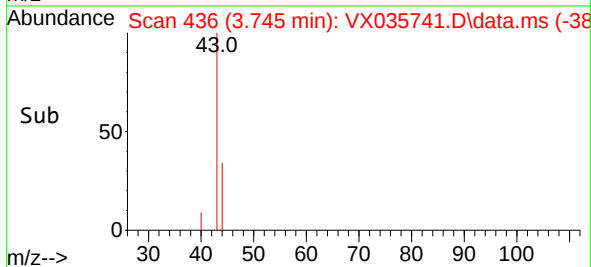
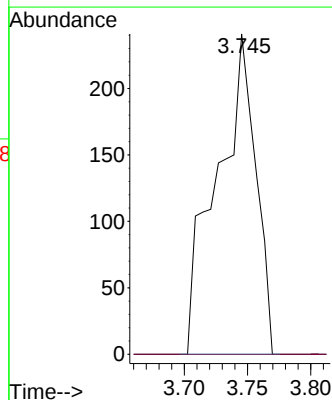
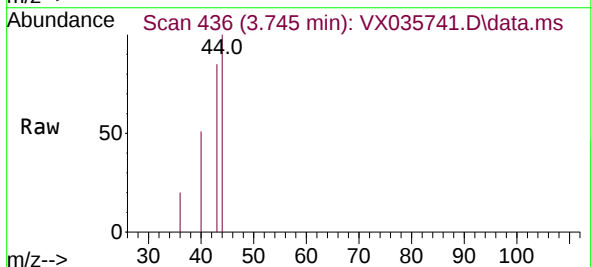
Instrument :
MSVOA_X
ClientSampleId :
IBLK

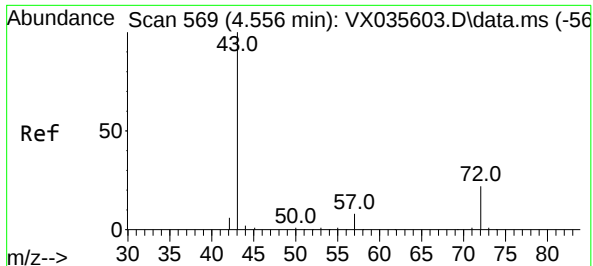
Tgt Ion: 96 Resp: 281
Ion Ratio Lower Upper
96 100
61 103.6 113.0 169.6#
98 39.5 52.1 78.1#



#23
Vinyl Acetate
Concen: 0.083 ug/l
RT: 3.745 min Scan# 436
Delta R.T. 0.024 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

Tgt Ion: 43 Resp: 514
Ion Ratio Lower Upper
43 100
86 0.0 8.5 12.7#





#25

2-Butanone

Concen: 0.033 ug/l

RT: 4.587 min Scan# 5

Delta R.T. 0.031 min

Lab File: VX035741.D

Acq: 18 May 2023 14:45

Instrument :

MSVOA_X

ClientSampleId :

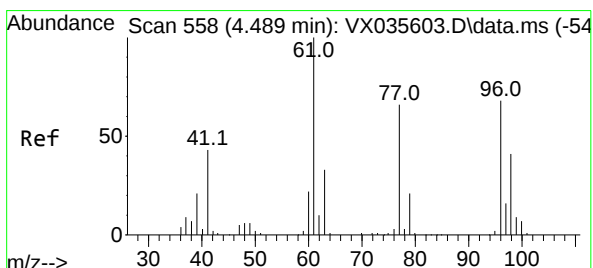
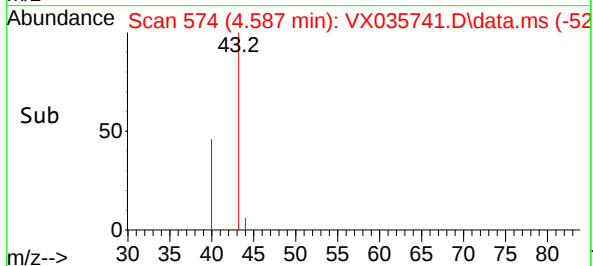
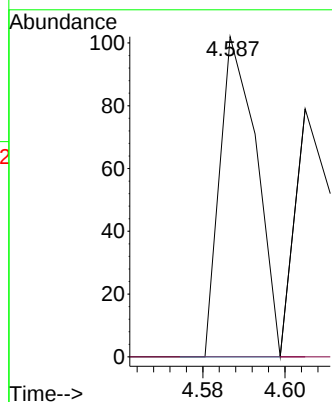
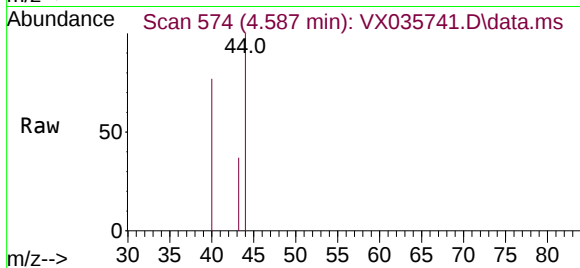
IBLK

Tgt Ion: 43 Resp: 63

Ion Ratio Lower Upper

43 100

72 0.0 19.3 28.9#



#27

cis-1,2-Dichloroethene

Concen: 0.018 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX035741.D

Acq: 18 May 2023 14:45

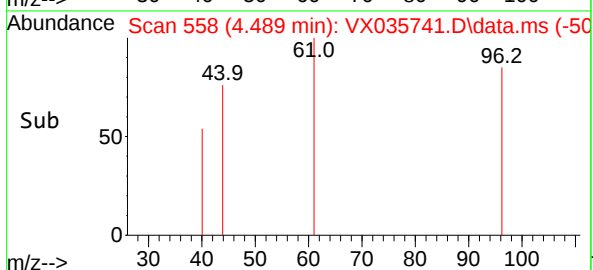
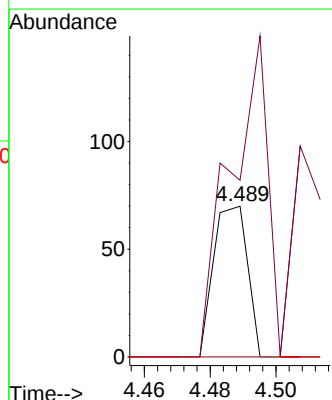
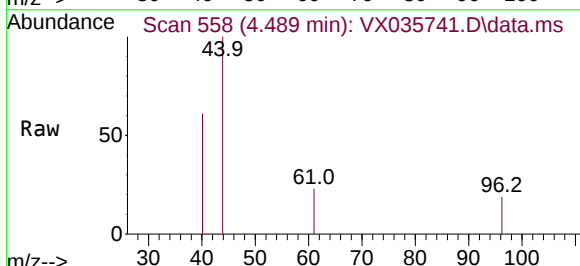
Tgt Ion: 96 Resp: 50

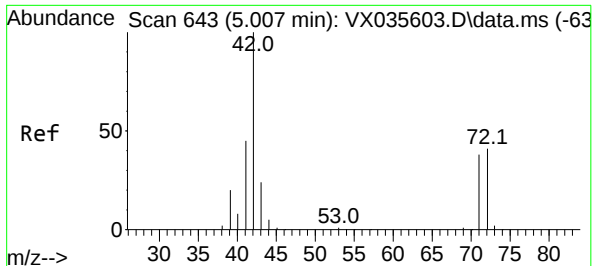
Ion Ratio Lower Upper

96 100

61 234.0 0.0 300.4

98 0.0 0.0 129.0





#29

Tetrahydrofuran

Concen: 0.174 ug/l

RT: 5.044 min Scan# 643

Delta R.T. 0.037 min

Lab File: VX035741.D

Acq: 18 May 2023 14:45

Instrument :

MSVOA_X

ClientSampleId :

IBLK

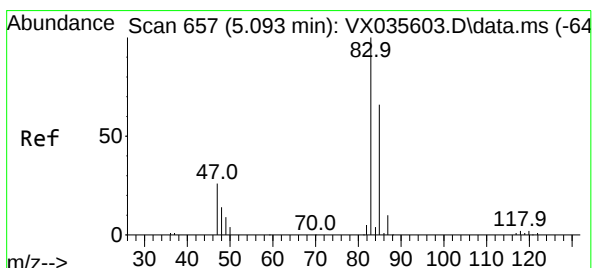
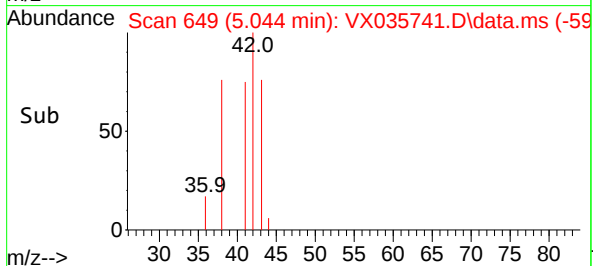
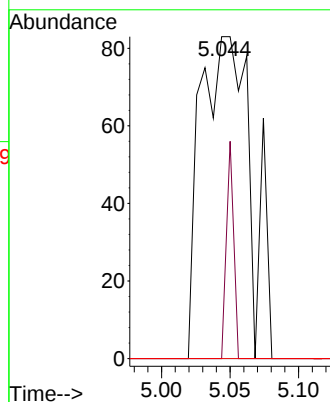
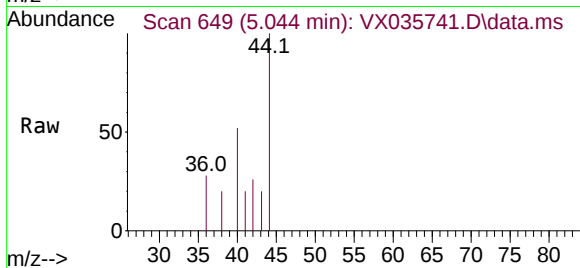
Tgt Ion: 42 Resp: 212

Ion Ratio Lower Upper

42 100

72 9.4 34.5 51.7#

71 0.0 32.1 48.1#



#30

Chloroform

Concen: 0.024 ug/l

RT: 5.087 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX035741.D

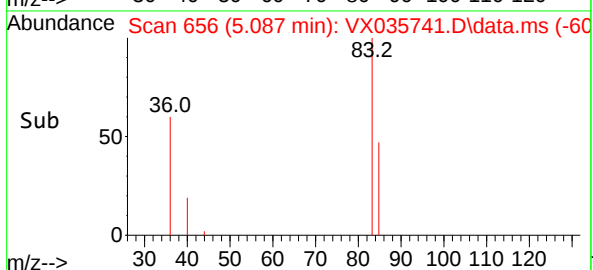
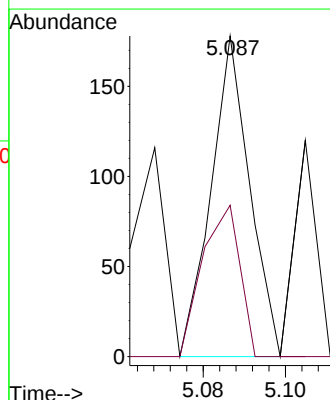
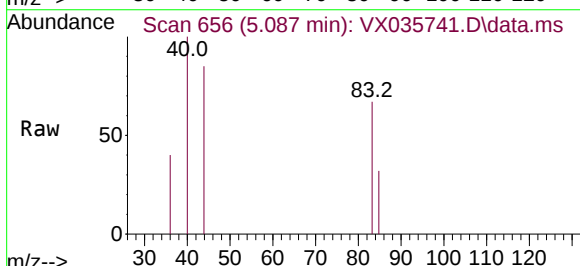
Acq: 18 May 2023 14:45

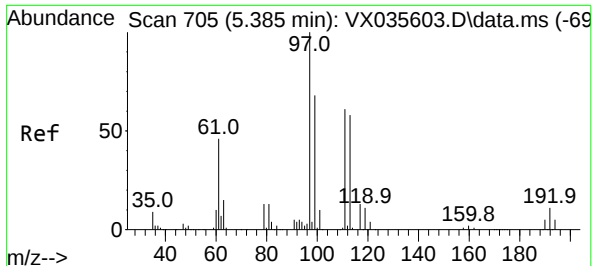
Tgt Ion: 83 Resp: 116

Ion Ratio Lower Upper

83 100

85 47.2 50.6 76.0#





#32

1,1,1-Trichloroethane

Concen: 0.005 ug/l

RT: 5.416 min Scan# 710

Delta R.T. 0.031 min

Lab File: VX035741.D

Acq: 18 May 2023 14:45

Instrument :

MSVOA_X

ClientSampleId :

IBLK

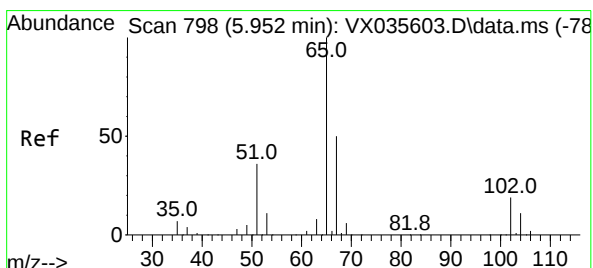
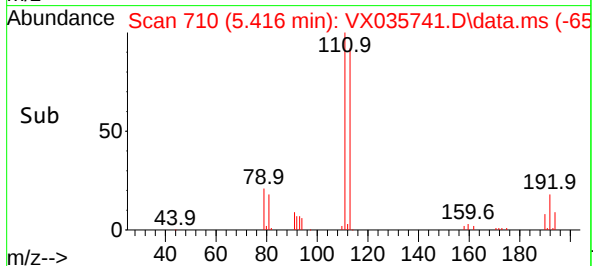
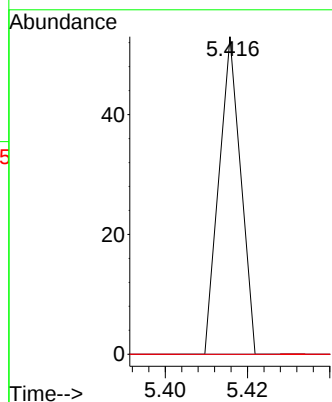
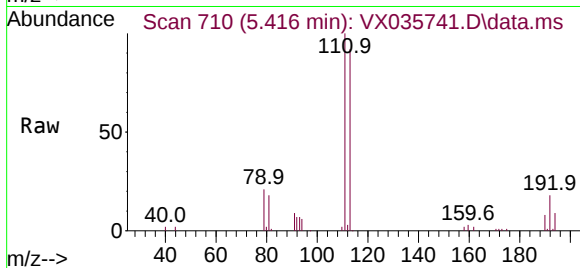
Tgt Ion: 97 Resp: 19

Ion Ratio Lower Upper

97 100

99 0.0 51.1 76.7#

61 0.0 36.5 54.7#



#33

1,2-Dichloroethane-d4

Concen: 48.655 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035741.D

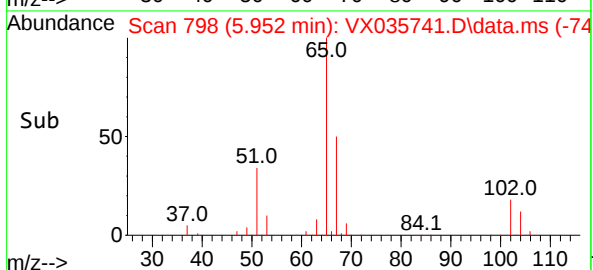
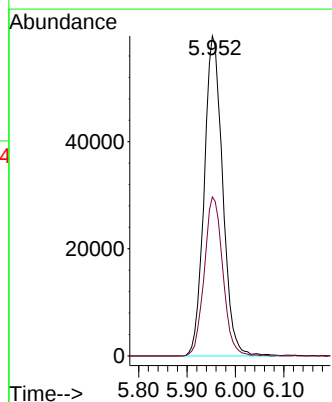
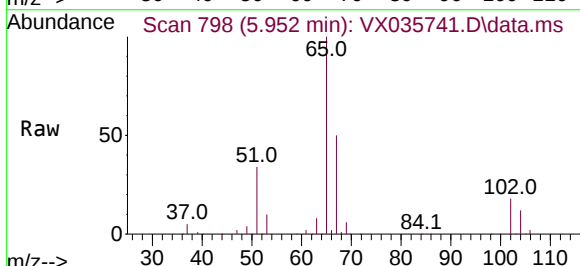
Acq: 18 May 2023 14:45

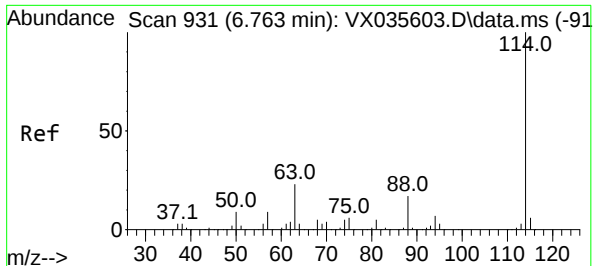
Tgt Ion: 65 Resp: 158472

Ion Ratio Lower Upper

65 100

67 49.9 0.0 104.0

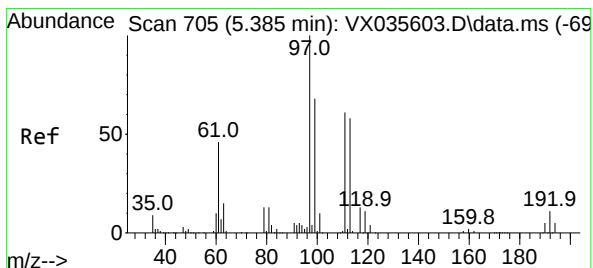
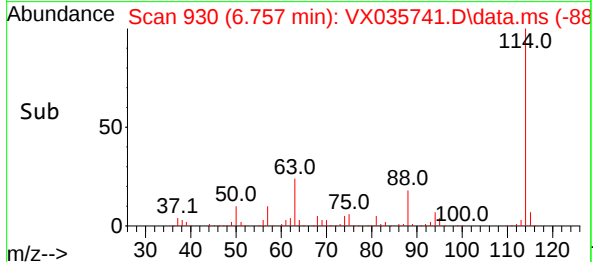
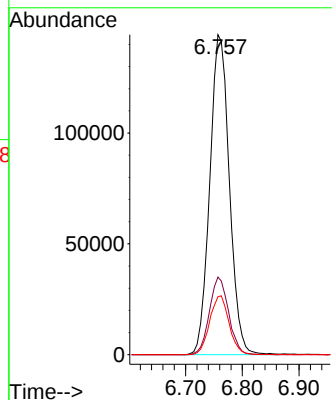
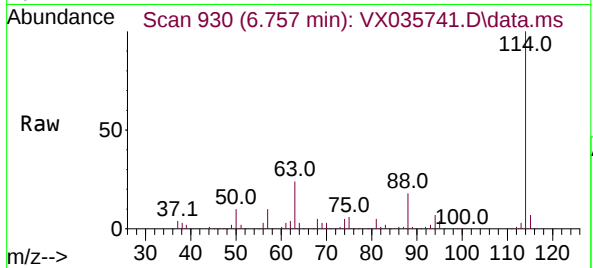




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

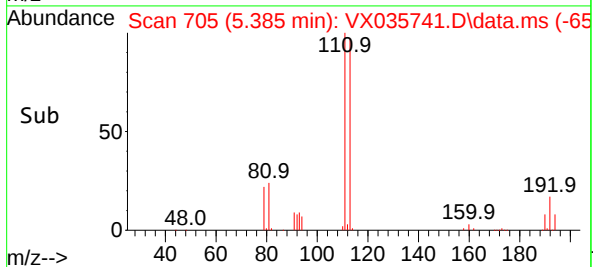
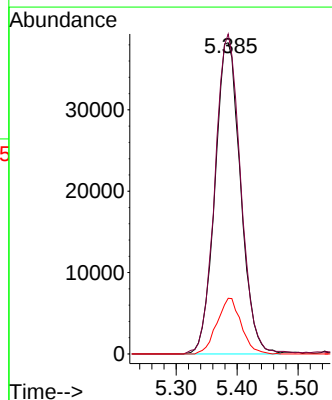
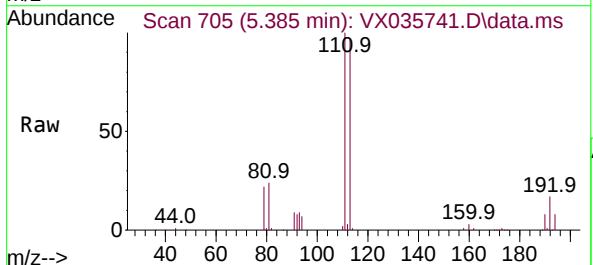
Instrument :
MSVOA_X
ClientSampleId :
IBLK

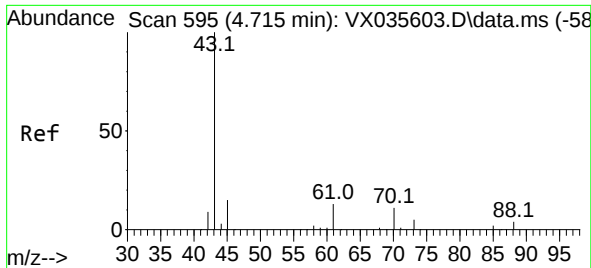
Tgt Ion:114 Resp: 346248
Ion Ratio Lower Upper
114 100
63 24.2 0.0 42.2
88 18.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.864 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

Tgt Ion:113 Resp: 111766
Ion Ratio Lower Upper
113 100
111 103.2 83.7 125.5
192 17.0 15.4 23.2





#37

Ethyl Acetate

Concen: 0.009 ug/l

RT: 4.739 min Scan# 595

Delta R.T. 0.024 min

Lab File: VX035741.D

Acq: 18 May 2023 14:45

Instrument :

MSVOA_X

ClientSampleId :

IBLK

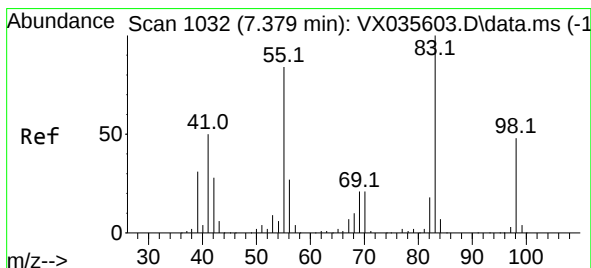
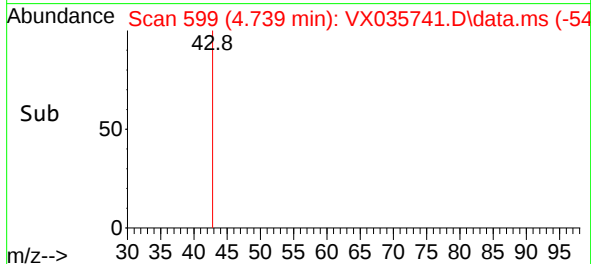
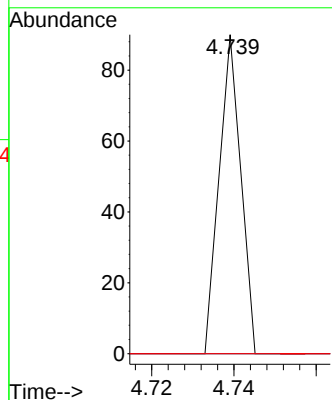
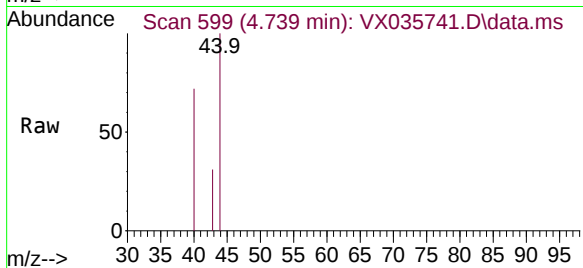
Tgt Ion: 43 Resp: 33

Ion Ratio Lower Upper

43 100

61 0.0 10.2 15.4#

70 0.0 8.2 12.4#



#39

Methylcyclohexane

Concen: 0.041 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.006 min

Lab File: VX035741.D

Acq: 18 May 2023 14:45

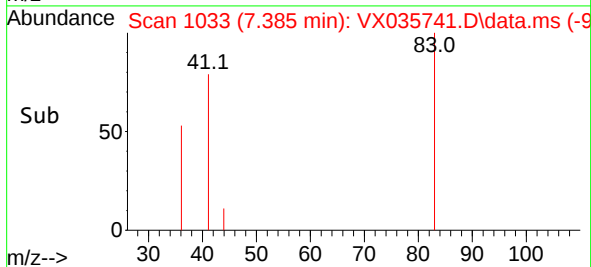
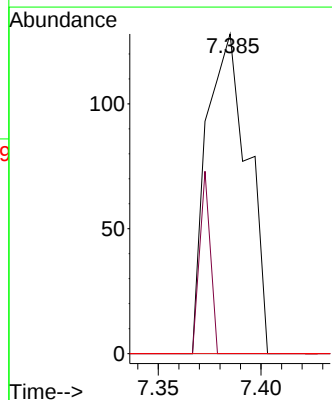
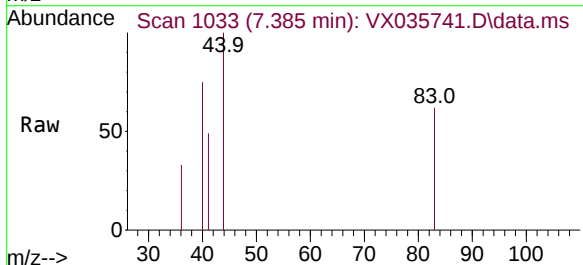
Tgt Ion: 83 Resp: 178

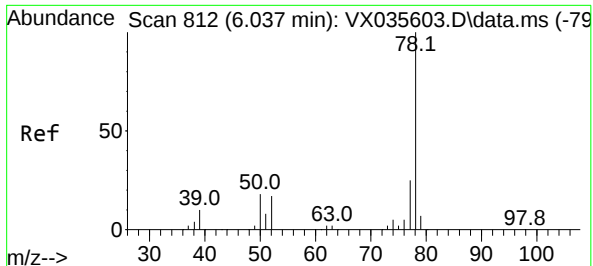
Ion Ratio Lower Upper

83 100

55 0.0 60.5 90.7#

98 0.0 40.4 60.6#





#40

Benzene

Concen: 0.016 ug/l

RT: 6.050 min Scan# 812

Delta R.T. 0.013 min

Lab File: VX035741.D

Acq: 18 May 2023 14:45

Instrument :

MSVOA_X

ClientSampleId :

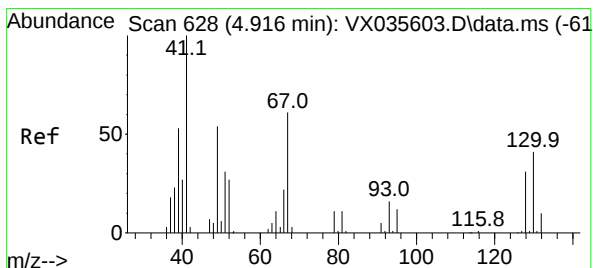
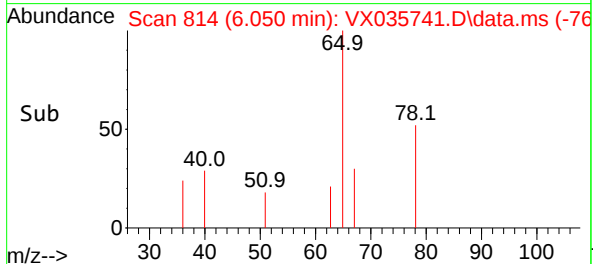
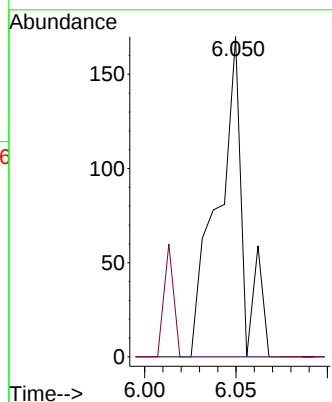
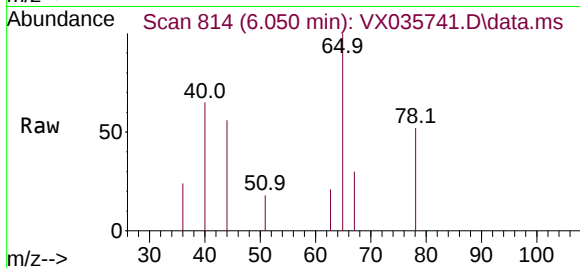
IBLK

Tgt Ion: 78 Resp: 165

Ion Ratio Lower Upper

78 100

77 0.0 19.0 28.4#



#41

Methacrylonitrile

Concen: 0.023 ug/l

RT: 4.952 min Scan# 634

Delta R.T. 0.036 min

Lab File: VX035741.D

Acq: 18 May 2023 14:45

Tgt Ion: 41 Resp: 52

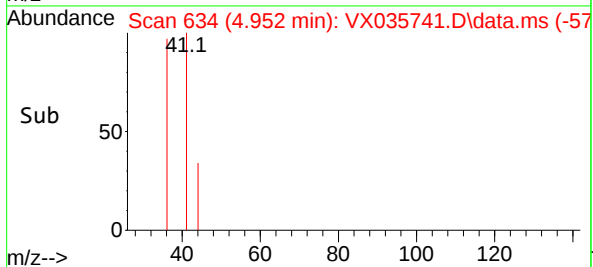
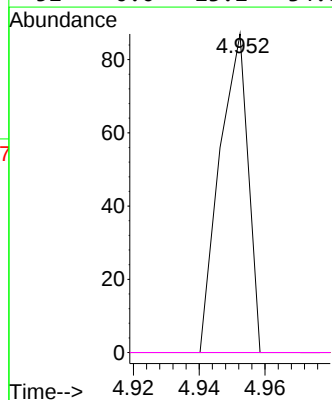
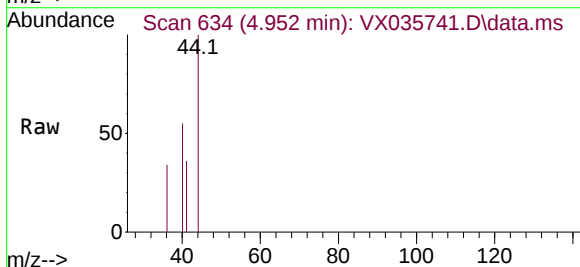
Ion Ratio Lower Upper

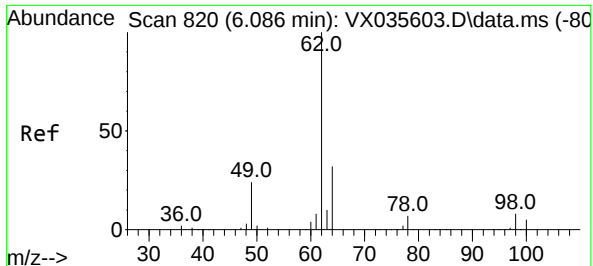
41 100

39 0.0 45.0 67.6#

67 0.0 55.6 83.4#

52 0.0 23.2 34.8#





#42

1,2-Dichloroethane

Concen: 0.100 ug/l

RT: 6.092 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX035741.D

Acq: 18 May 2023 14:45

Instrument :

MSVOA_X

ClientSampleId :

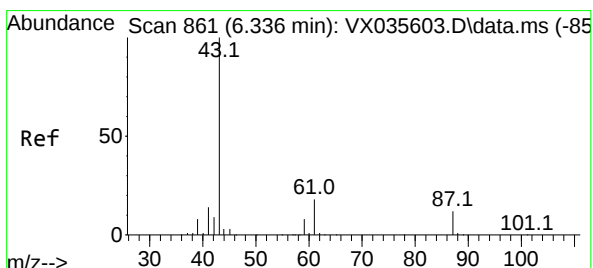
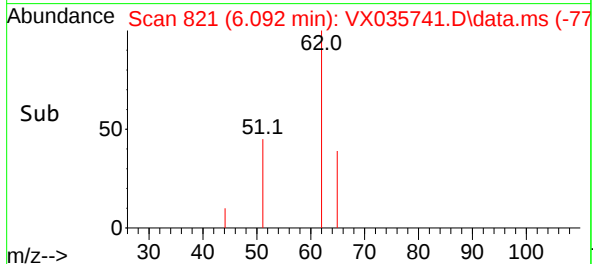
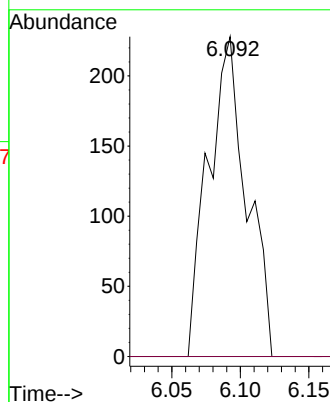
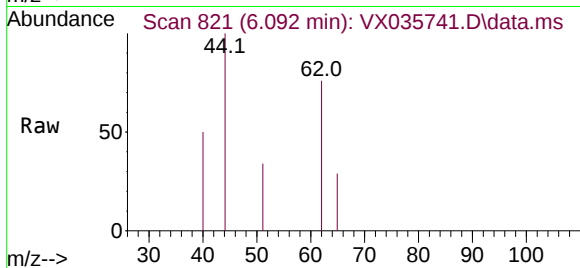
IBLK

Tgt Ion: 62 Resp: 445

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.0



#43

Isopropyl Acetate

Concen: 0.003 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.012 min

Lab File: VX035741.D

Acq: 18 May 2023 14:45

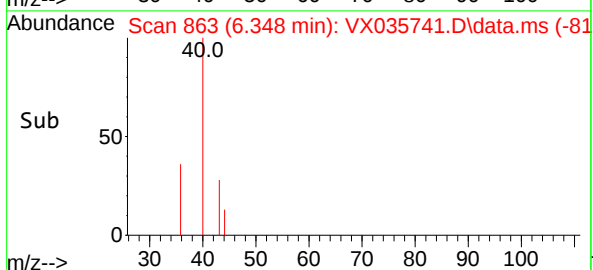
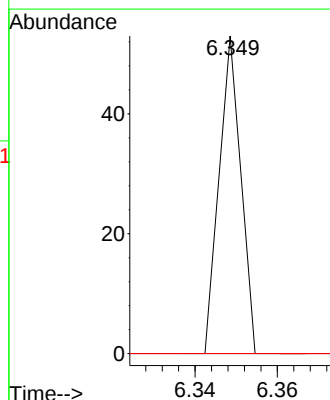
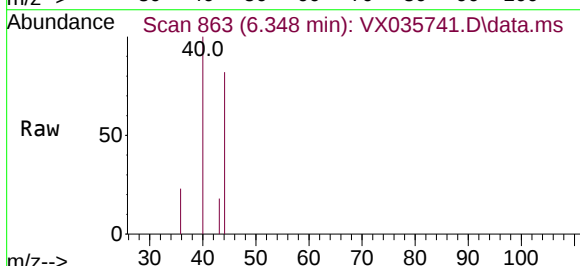
Tgt Ion: 43 Resp: 19

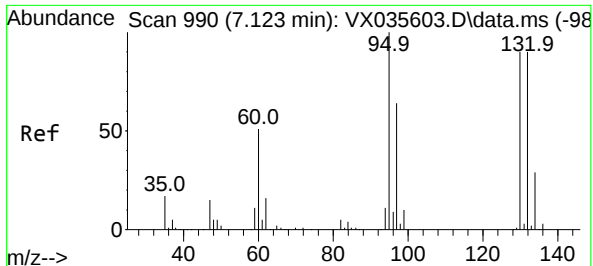
Ion Ratio Lower Upper

43 100

61 0.0 15.2 22.8#

87 0.0 9.8 14.8#

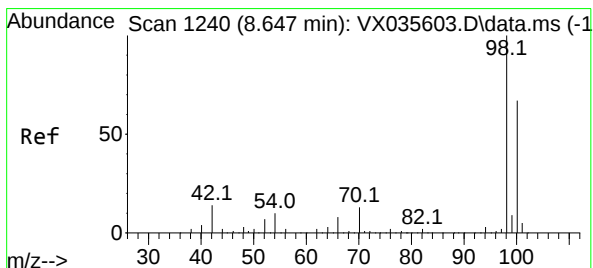
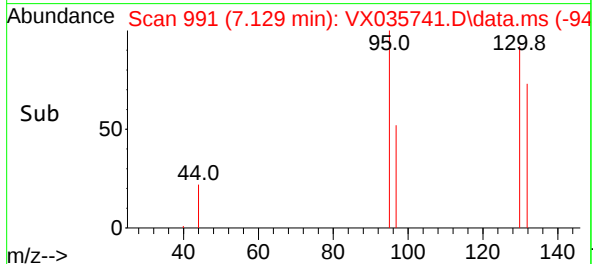
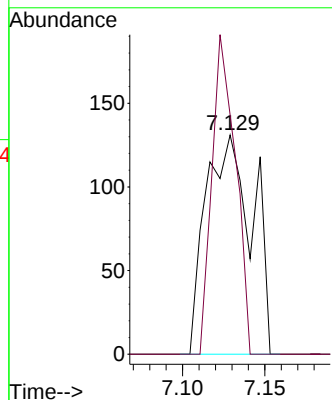
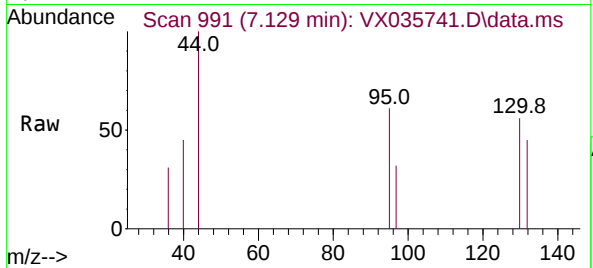




#44
Trichloroethene
Concen: 0.098 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

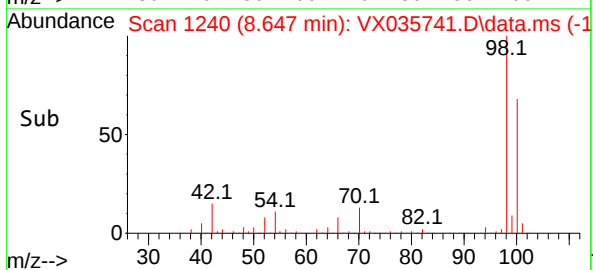
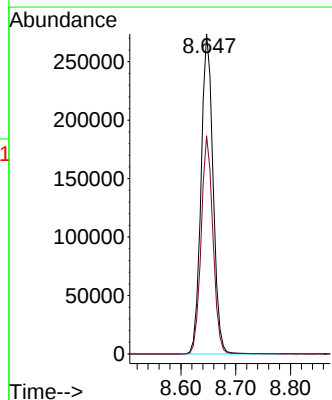
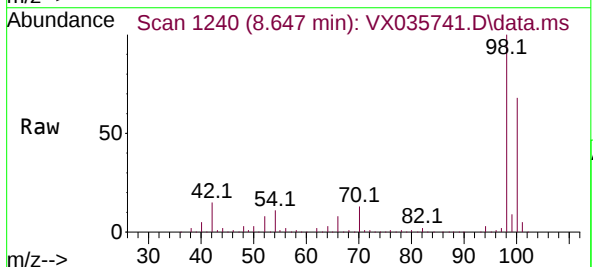
Instrument :
MSVOA_X
ClientSampleId :
IBLK

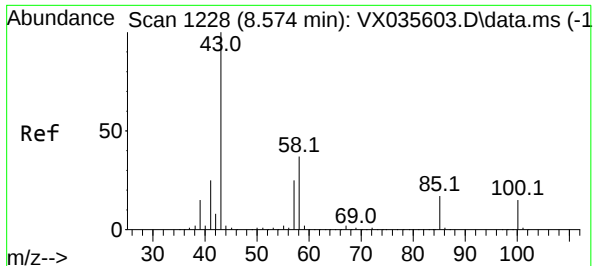
Tgt Ion:130 Resp: 257
Ion Ratio Lower Upper
130 100
95 109.2 0.0 198.4



#50
Toluene-d8
Concen: 48.271 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

Tgt Ion: 98 Resp: 416406
Ion Ratio Lower Upper
98 100
100 67.1 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.053 ug/l

RT: 8.586 min Scan# 1230

Delta R.T. 0.012 min

Lab File: VX035741.D

Acq: 18 May 2023 14:45

Instrument :

MSVOA_X

ClientSampleId :

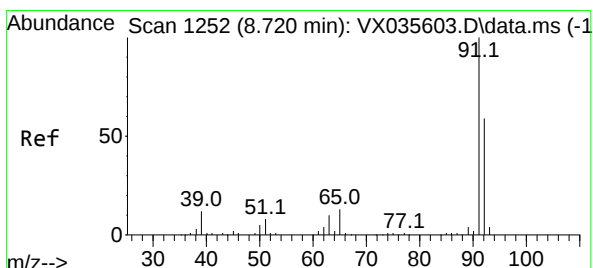
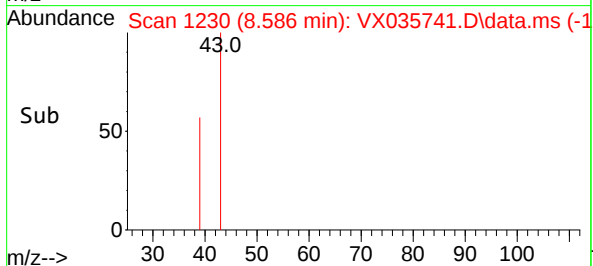
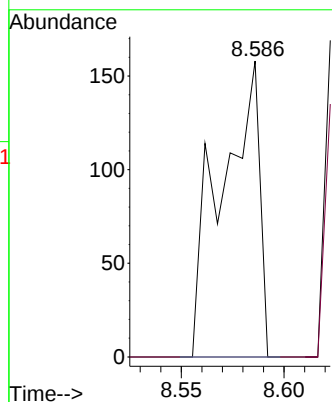
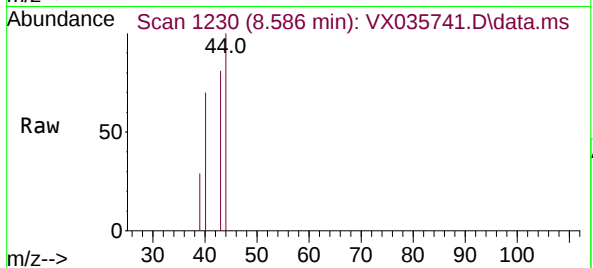
IBLK

Tgt Ion: 43 Resp: 204

Ion Ratio Lower Upper

43 100

58 0.0 30.6 46.0#



#52

Toluene

Concen: 0.034 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX035741.D

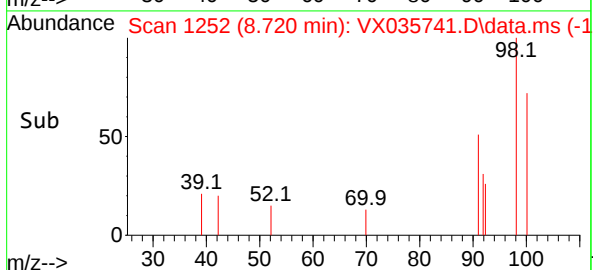
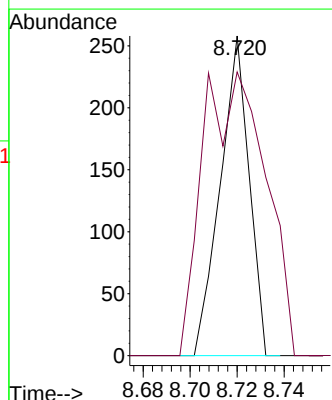
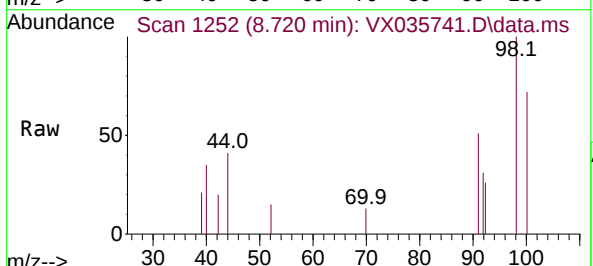
Acq: 18 May 2023 14:45

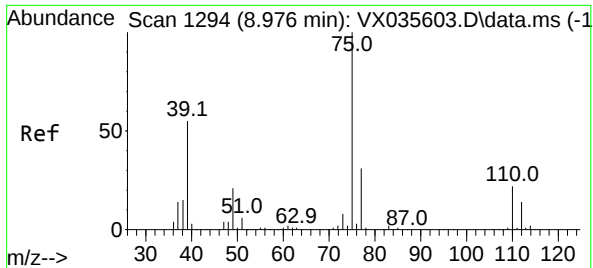
Tgt Ion: 92 Resp: 220

Ion Ratio Lower Upper

92 100

91 193.6 136.8 205.2

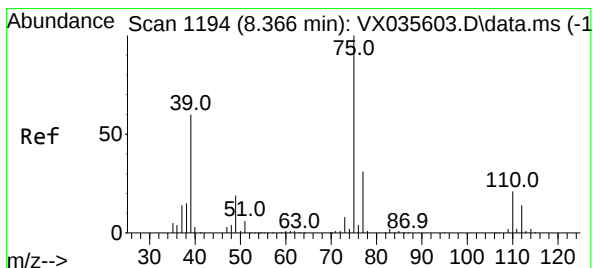
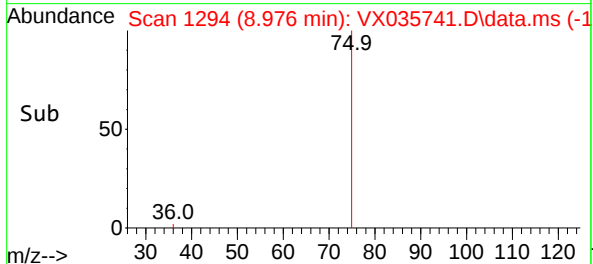
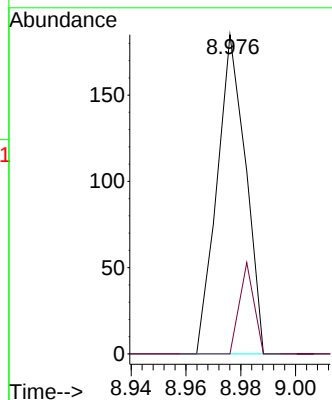
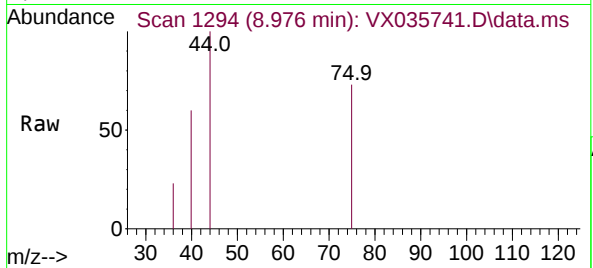




#53
t-1,3-Dichloropropene
Concen: 0.034 ug/l
RT: 8.976 min Scan# 1195
Delta R.T. 0.000 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

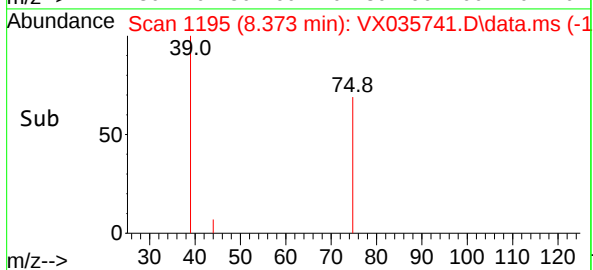
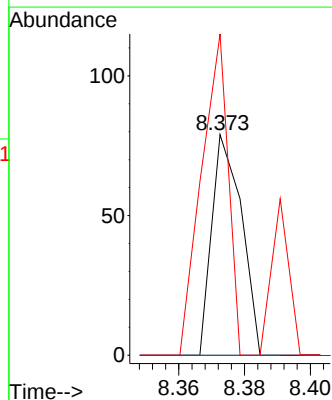
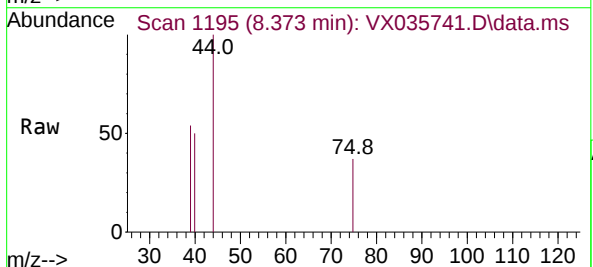
Instrument :
MSVOA_X
ClientSampleId :
IBLK

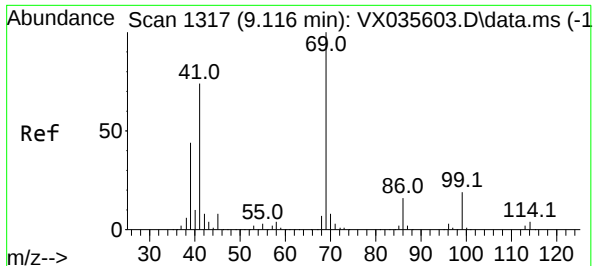
Tgt Ion: 75 Resp: 134
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.2#



#54
cis-1,3-Dichloropropene
Concen: 0.012 ug/l
RT: 8.373 min Scan# 1195
Delta R.T. 0.007 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

Tgt Ion: 75 Resp: 49
Ion Ratio Lower Upper
75 100
77 0.0 25.0 37.4#
39 145.6 44.6 66.8#

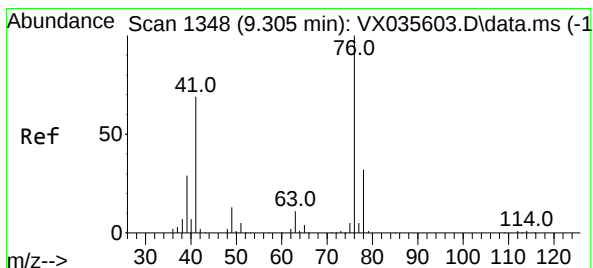
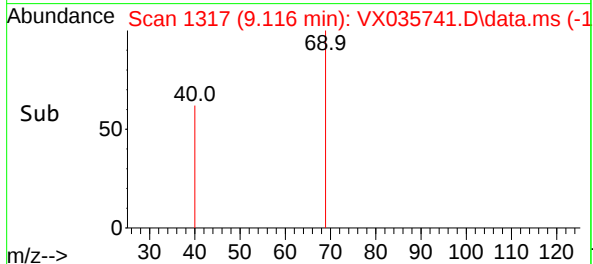
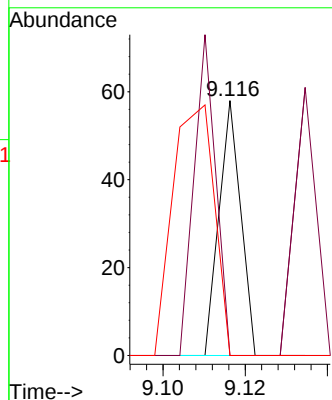
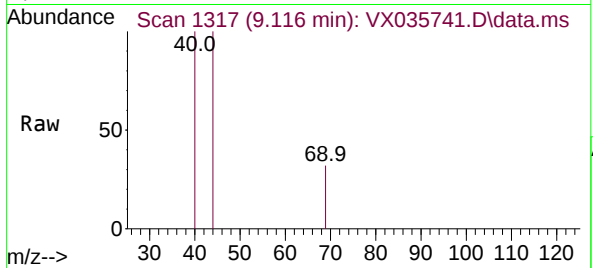




#56
Ethyl methacrylate
Concen: 0.005 ug/l
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

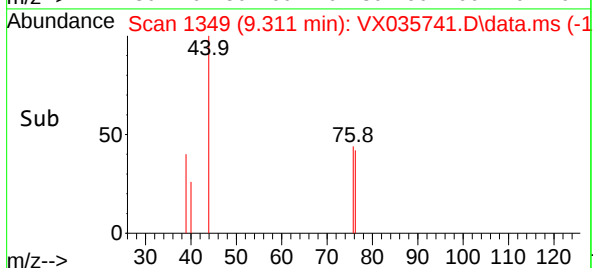
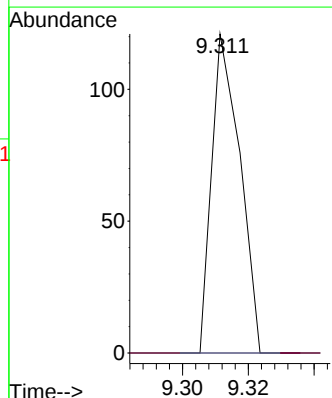
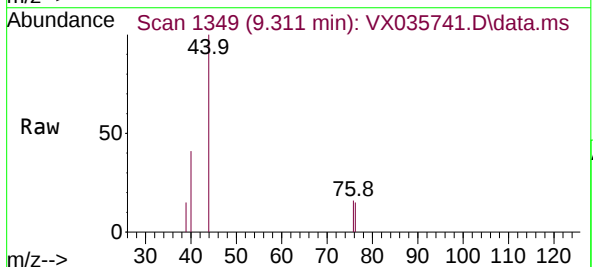
Instrument :
MSVOA_X
ClientSampleId :
IBLK

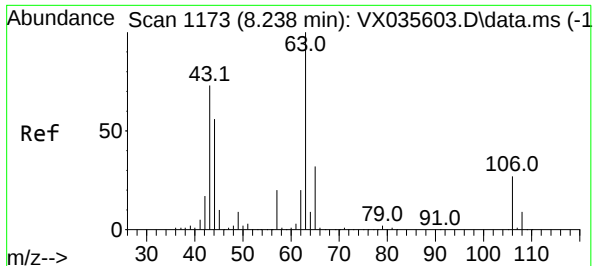
Tgt Ion: 69 Resp: 21
Ion Ratio Lower Upper
69 100
41 128.6 57.4 86.0#
39 190.5 33.7 50.5#



#57
1,3-Dichloropropane
Concen: 0.016 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

Tgt Ion: 76 Resp: 72
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.8#

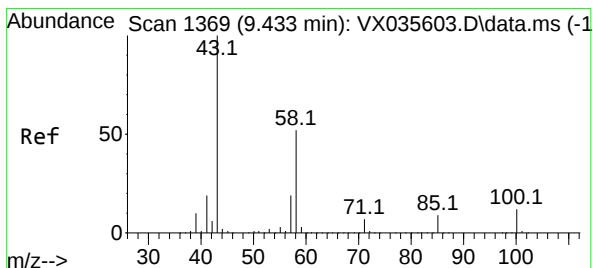
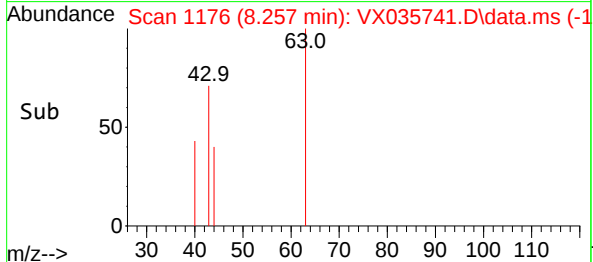
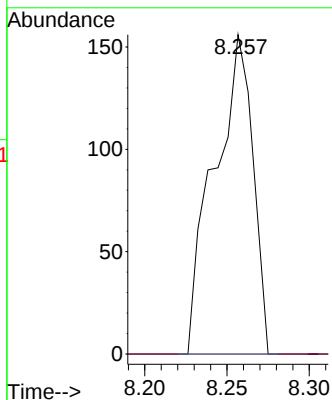
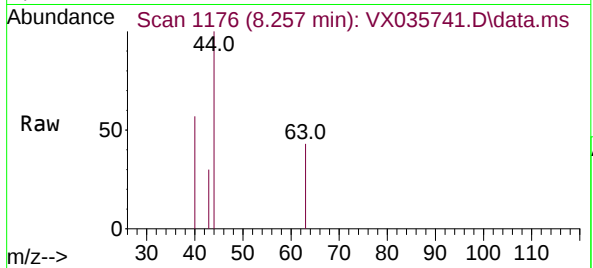




#58
2-Chloroethyl Vinyl ether
Concen: 0.121 ug/l
RT: 8.257 min Scan# 1173
Delta R.T. 0.019 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

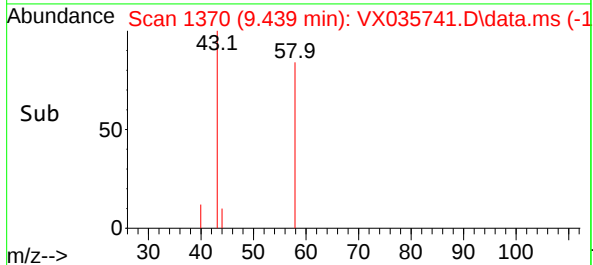
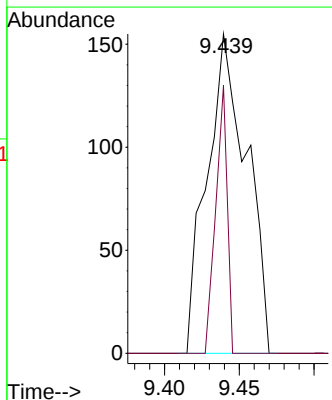
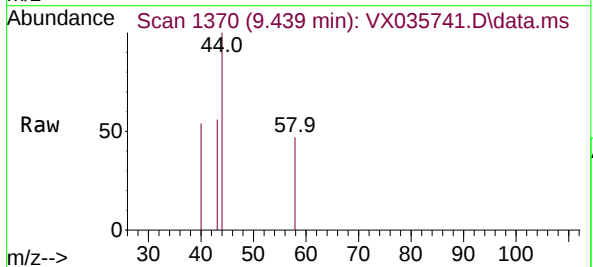
Instrument :
MSVOA_X
ClientSampleId :
IBLK

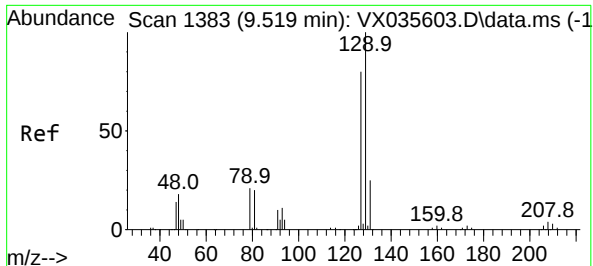
Tgt Ion: 63 Resp: 254
Ion Ratio Lower Upper
63 100
106 0.0 22.2 33.2#



#59
2-Hexanone
Concen: 0.098 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

Tgt Ion: 43 Resp: 286
Ion Ratio Lower Upper
43 100
58 24.5 26.3 78.9#

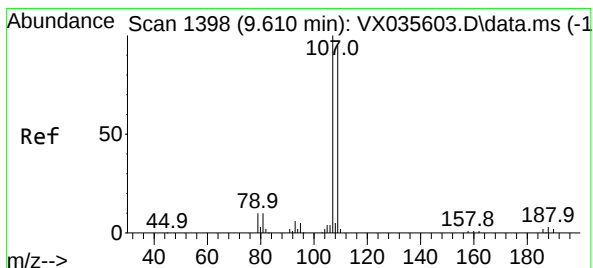
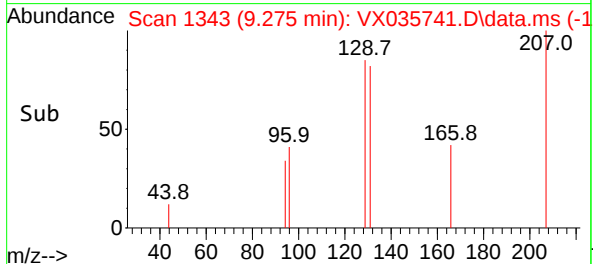
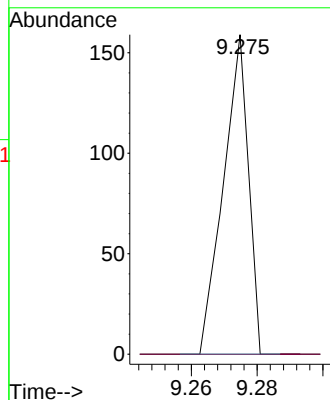
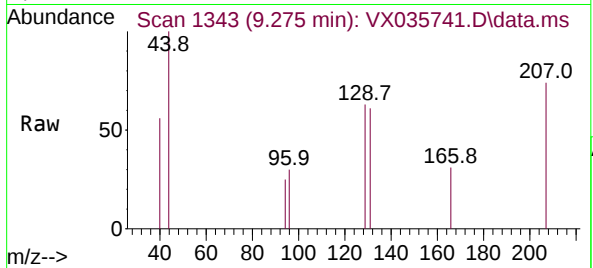




#60
Dibromochloromethane
Concen: 0.034 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

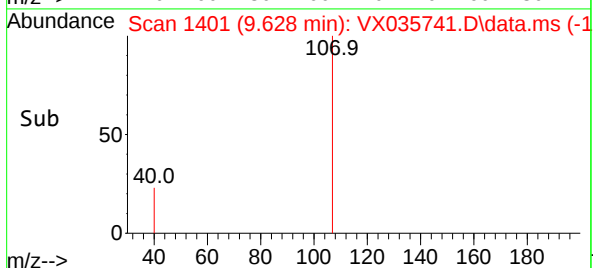
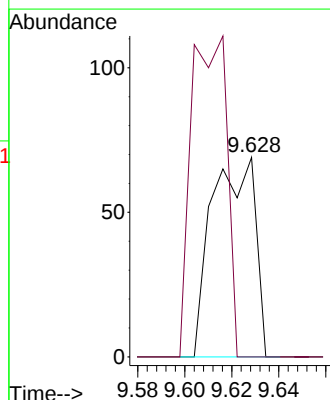
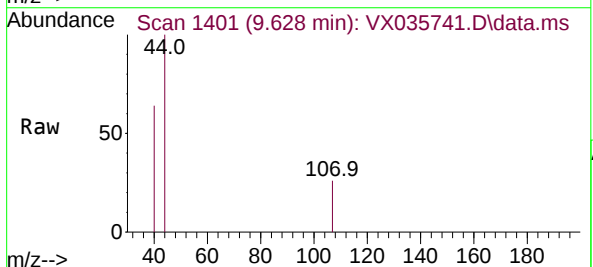
Instrument :
MSVOA_X
ClientSampleId :
IBLK

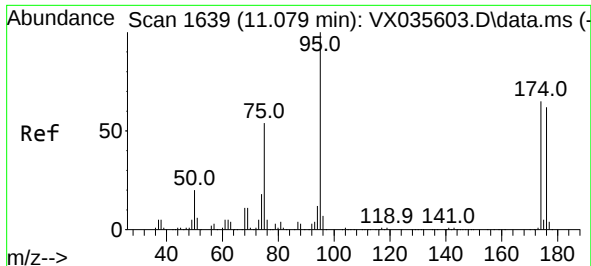
Tgt Ion:129 Resp: 84
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#



#61
1,2-Dibromoethane
Concen: 0.033 ug/l
RT: 9.628 min Scan# 1401
Delta R.T. 0.018 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

Tgt Ion:107 Resp: 88
Ion Ratio Lower Upper
107 100
109 133.0 75.3 112.9#

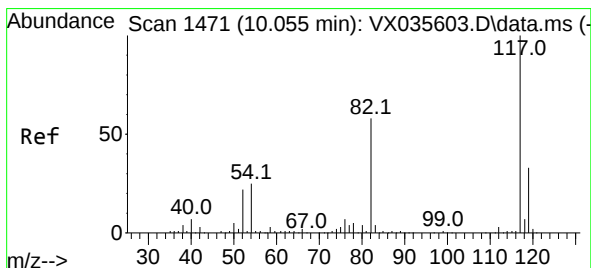
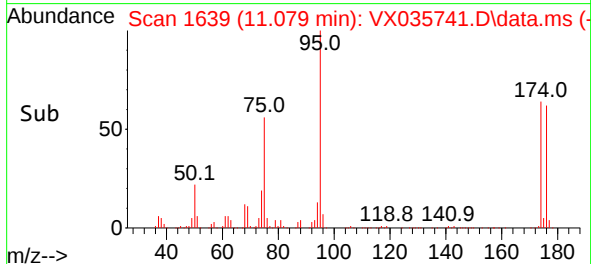
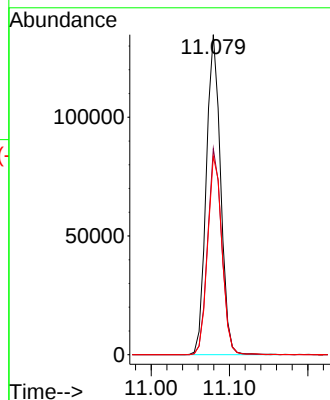
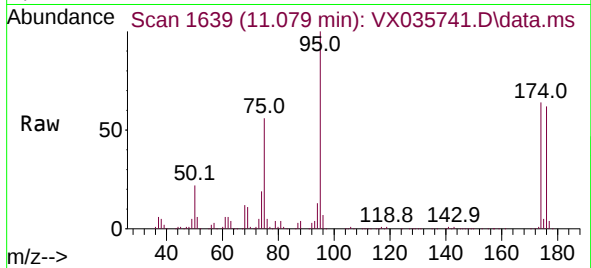




#62
4-Bromofluorobenzene
Concen: 49.043 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

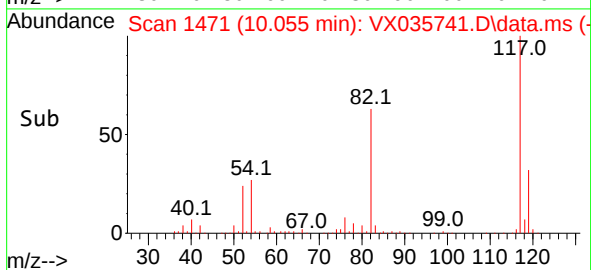
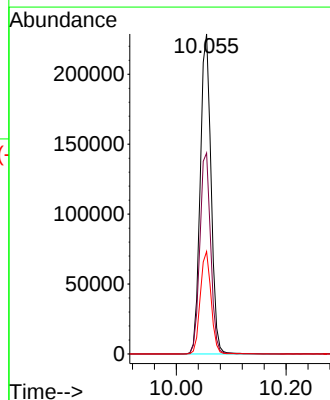
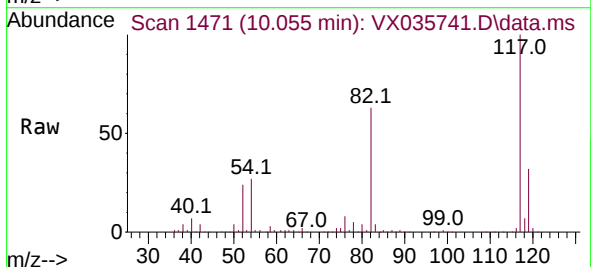
Instrument :
MSVOA_X
ClientSampleId :
IBLK

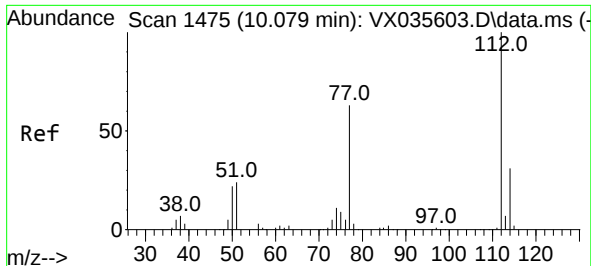
Tgt Ion: 95 Resp: 170343
Ion Ratio Lower Upper
95 100
174 63.5 0.0 147.4
176 62.1 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

Tgt Ion: 117 Resp: 313299
Ion Ratio Lower Upper
117 100
82 62.8 45.0 67.4
119 32.0 26.0 39.0

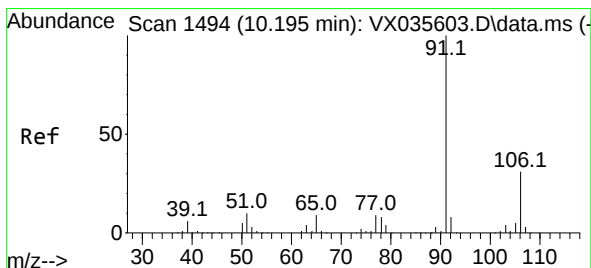
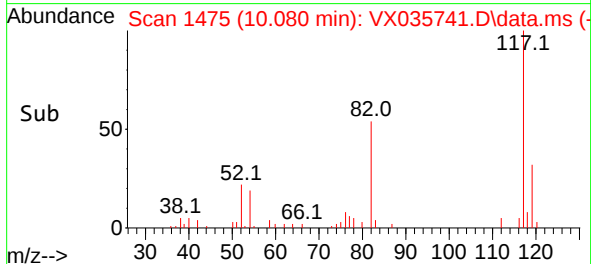
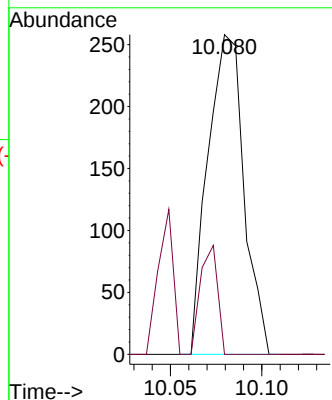
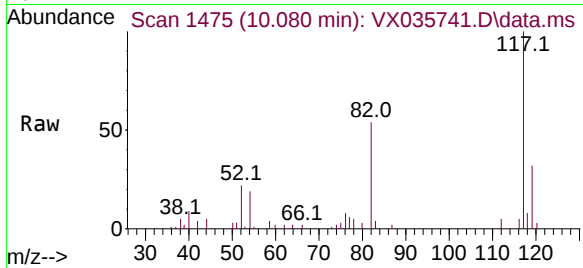




#65
Chlorobenzene
Concen: 0.052 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

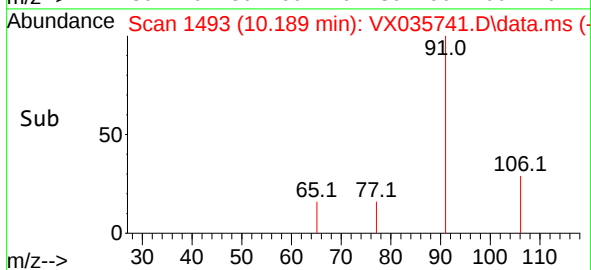
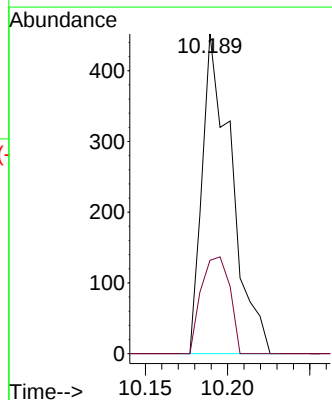
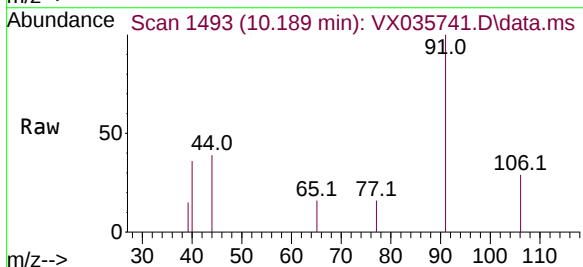
Instrument :
MSVOA_X
ClientSampleId :
IBLK

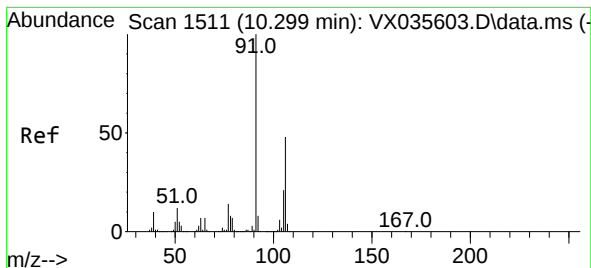
Tgt Ion:112 Resp: 355
Ion Ratio Lower Upper
112 100
114 0.0 26.2 39.2#



#67
Ethyl Benzene
Concen: 0.044 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

Tgt Ion: 91 Resp: 560
Ion Ratio Lower Upper
91 100
106 29.2 25.6 38.4

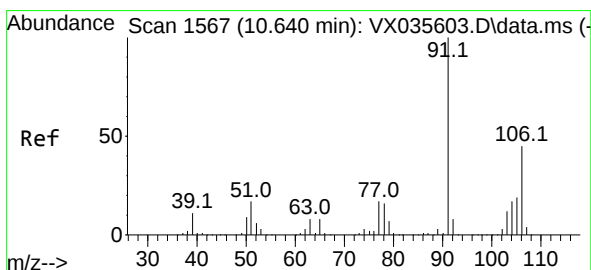
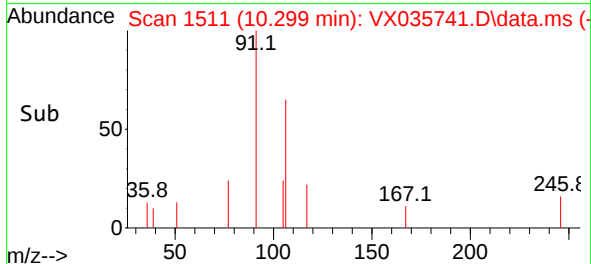
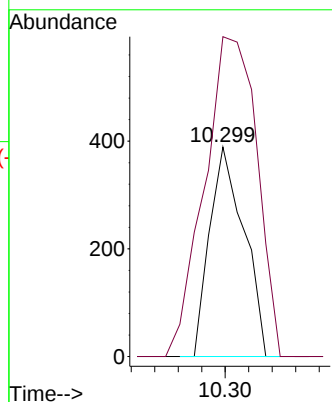
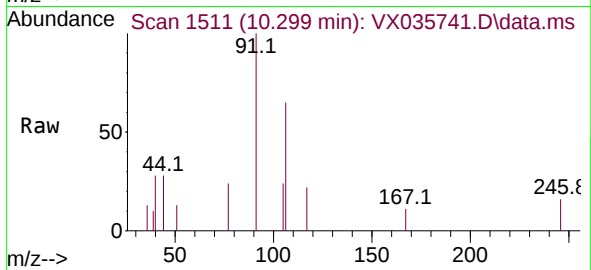




#68
m/p-Xylenes
Concen: 0.083 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

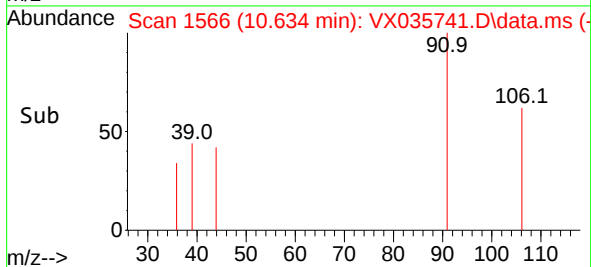
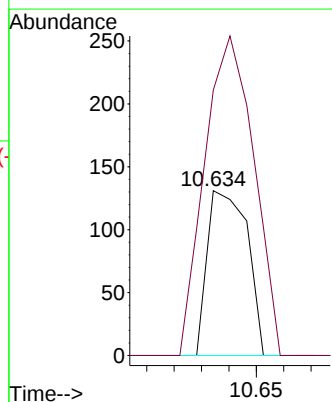
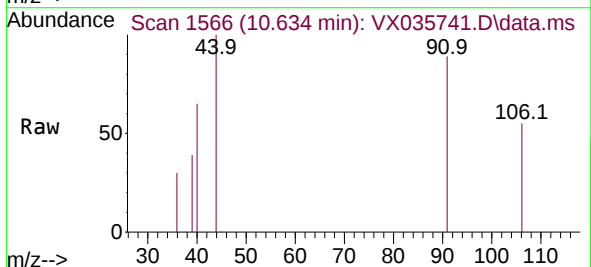
Instrument :
MSVOA_X
ClientSampleId :
IBLK

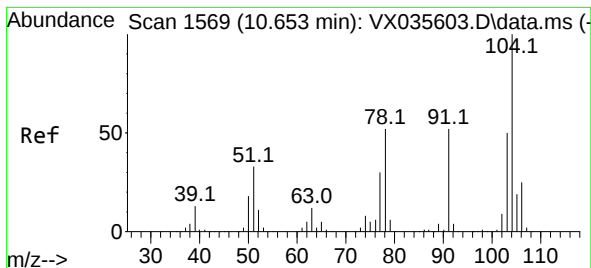
Tgt Ion:106 Resp: 395
Ion Ratio Lower Upper
106 100
91 233.4 164.0 246.0



#69
o-Xylene
Concen: 0.028 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

Tgt Ion:106 Resp: 132
Ion Ratio Lower Upper
106 100
91 240.2 108.5 325.3





#70

Styrene

Concen: 0.051 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX035741.D

Acq: 18 May 2023 14:45

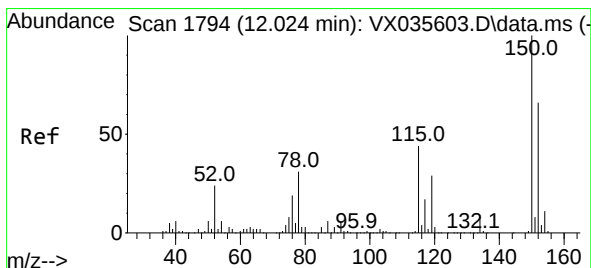
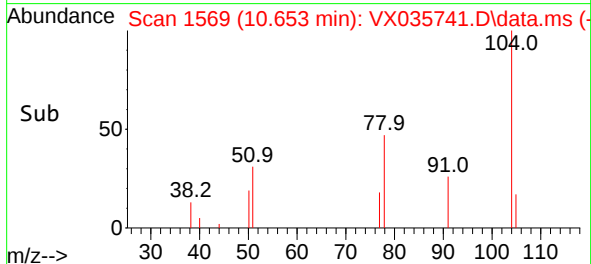
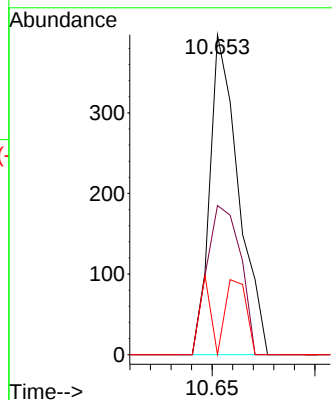
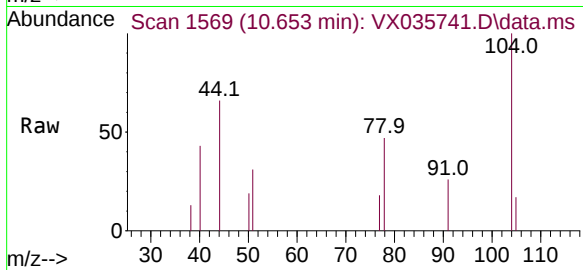
Instrument :

MSVOA_X

ClientSampleId :

IBLK

Tgt Ion:104	Resp:	386
Ion Ratio	Lower	Upper
104	100	
78	54.1	43.4 65.2
103	26.4	44.2 66.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

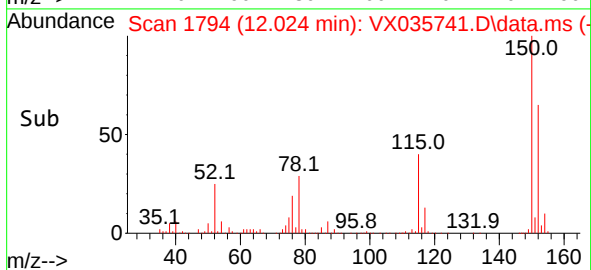
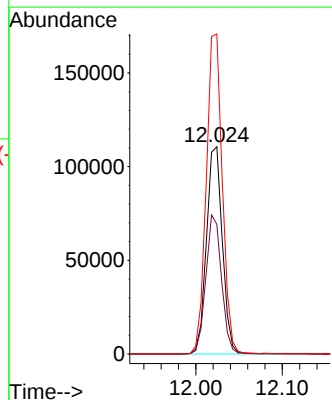
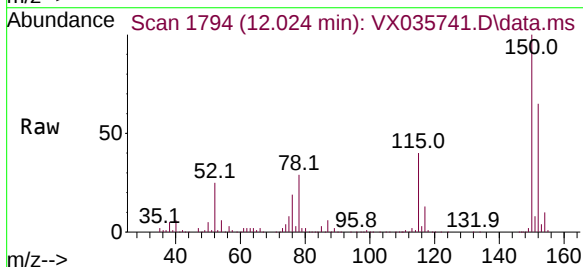
RT: 12.024 min Scan# 1794

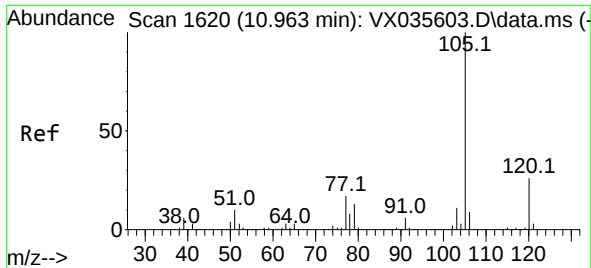
Delta R.T. 0.000 min

Lab File: VX035741.D

Acq: 18 May 2023 14:45

Tgt Ion:152	Resp:	141002
Ion Ratio	Lower	Upper
152	100	
115	66.1	45.0 135.0
150	155.6	0.0 352.4

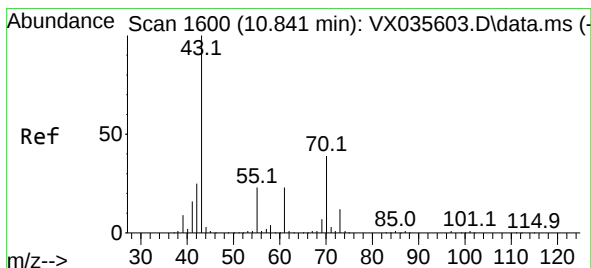
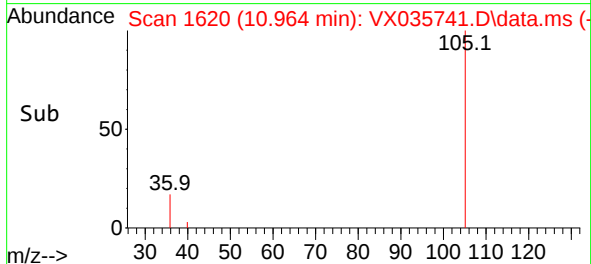
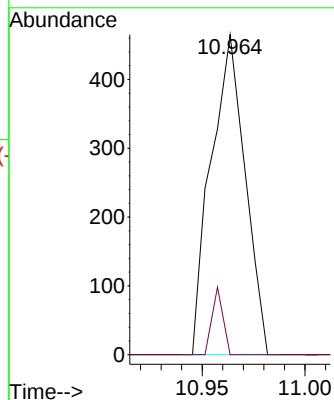
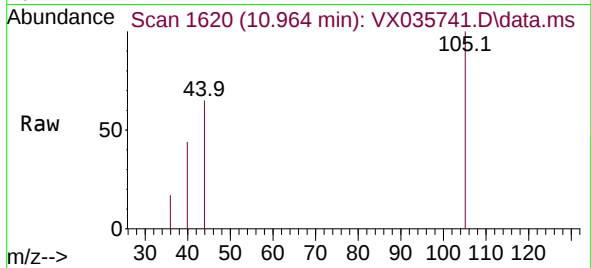




#73
Isopropylbenzene
Concen: 0.045 ug/l
RT: 10.964 min Scan# 1603
Delta R.T. 0.001 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

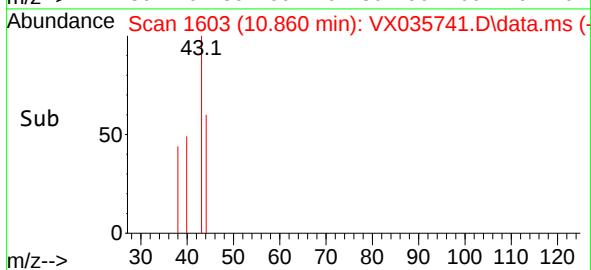
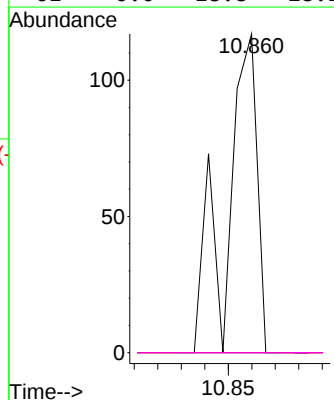
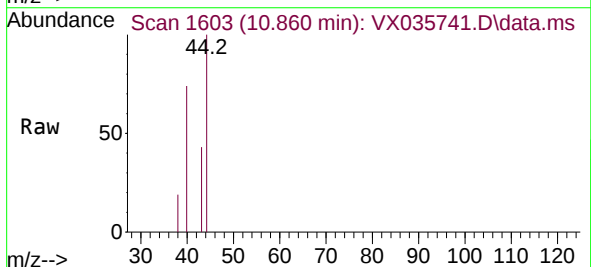
Instrument :
MSVOA_X
ClientSampleId :
IBLK

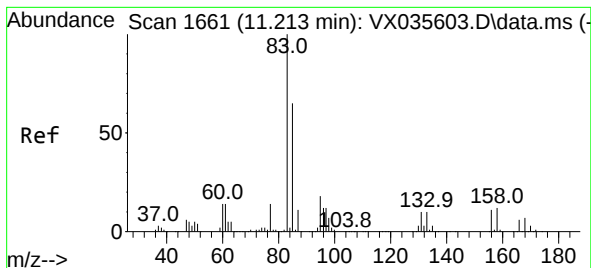
Tgt Ion:105 Resp: 538
Ion Ratio Lower Upper
105 100
120 6.7 13.3 39.9#



#74
N-ethyl acetate
Concen: 0.019 ug/l
RT: 10.860 min Scan# 1603
Delta R.T. 0.019 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

Tgt Ion: 43 Resp: 105
Ion Ratio Lower Upper
43 100
70 0.0 32.1 48.1#
55 0.0 18.3 27.5#
61 0.0 18.8 28.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.045 ug/l

RT: 11.073 min Scan# 1

Delta R.T. -0.140 min

Lab File: VX035741.D

Acq: 18 May 2023 14:45

Instrument :

MSVOA_X

ClientSampleId :

IBLK

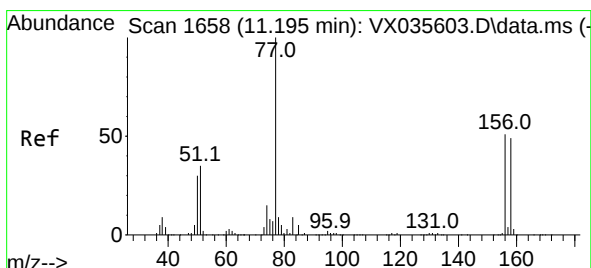
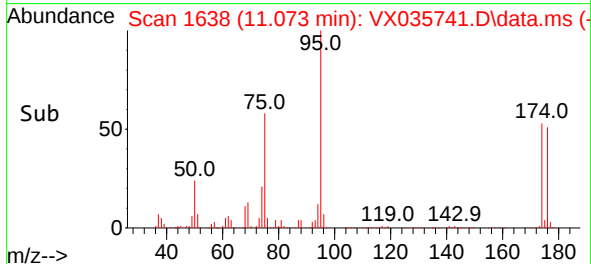
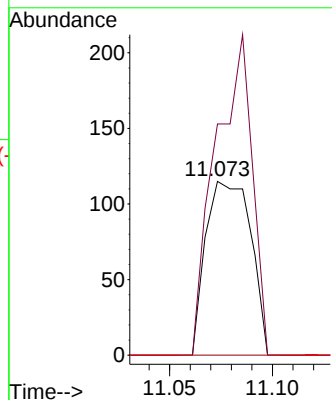
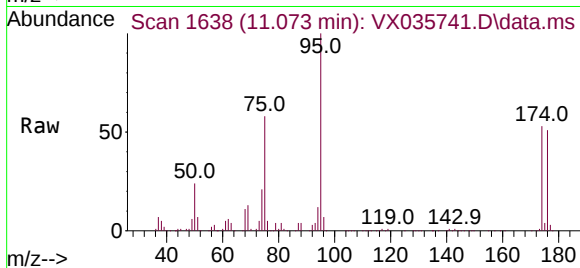
Tgt Ion: 83 Resp: 175

Ion Ratio Lower Upper

83 100

131 150.3 4.8 14.3#

85 0.0 32.0 96.0#



#77

Bromobenzene

Concen: 0.062 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035741.D

Acq: 18 May 2023 14:45

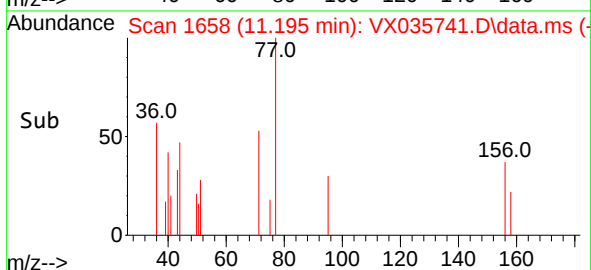
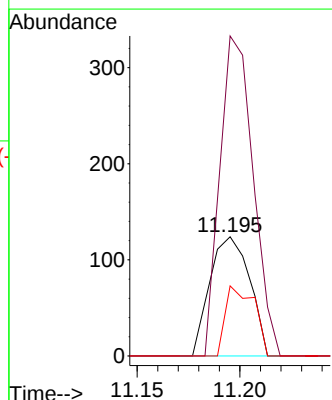
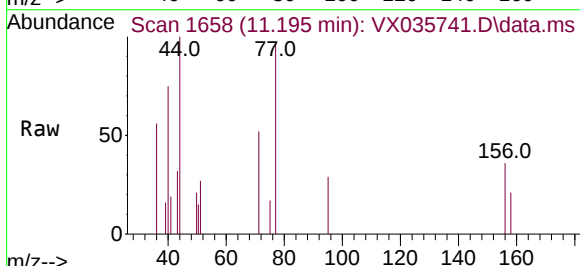
Tgt Ion:156 Resp: 167

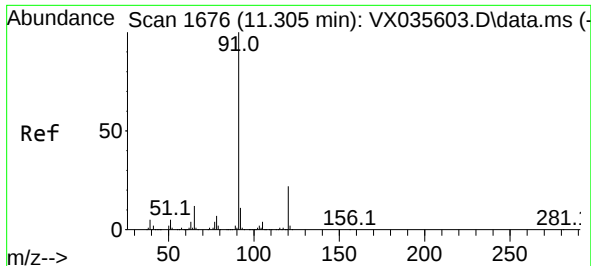
Ion Ratio Lower Upper

156 100

77 225.1 86.7 259.9

158 42.5 48.0 144.0#

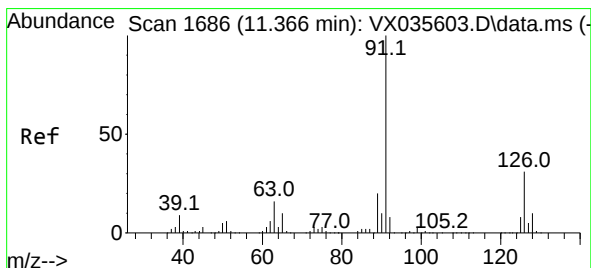
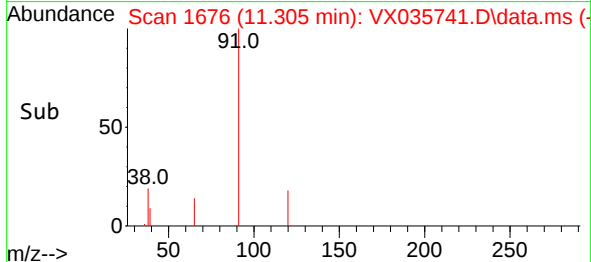
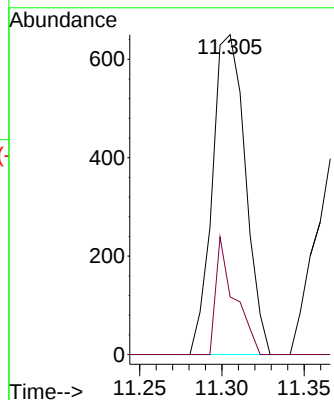
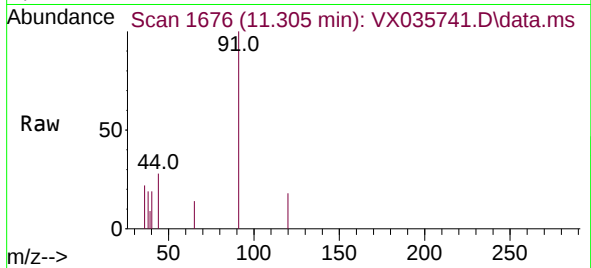




#78
n-propylbenzene
Concen: 0.065 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

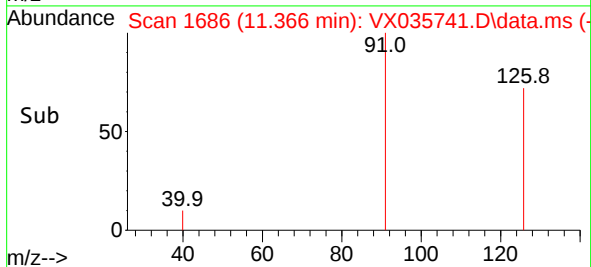
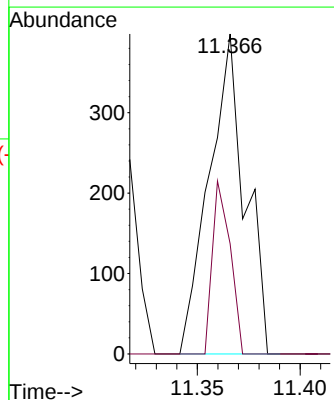
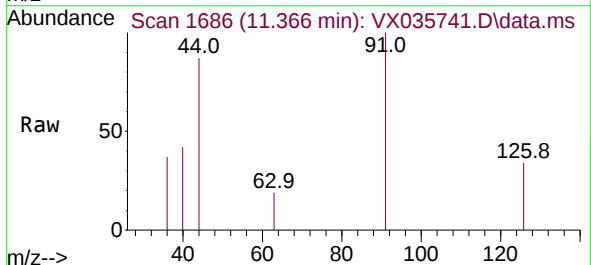
Instrument :
MSVOA_X
ClientSampleId :
IBLK

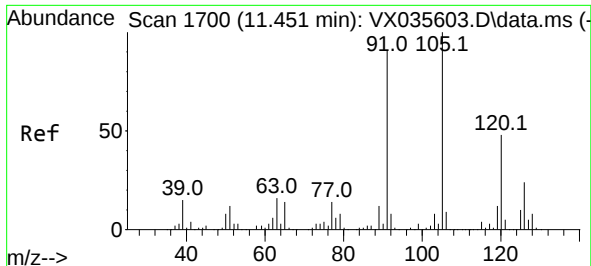
Tgt Ion: 91 Resp: 907
Ion Ratio Lower Upper
91 100
120 20.7 11.5 34.5



#79
2-Chlorotoluene
Concen: 0.055 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

Tgt Ion: 91 Resp: 485
Ion Ratio Lower Upper
91 100
126 26.6 16.3 48.9

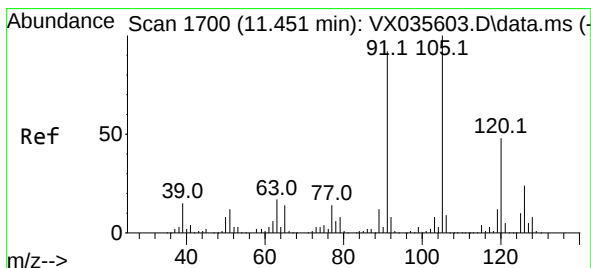
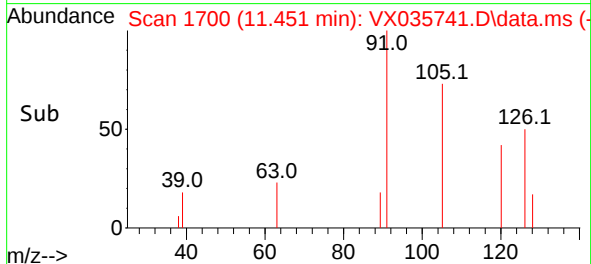
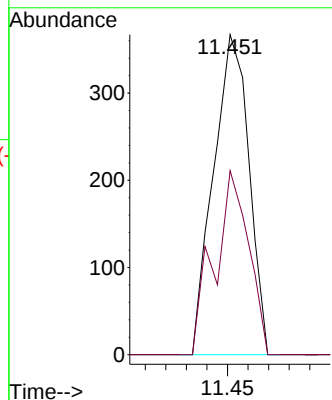
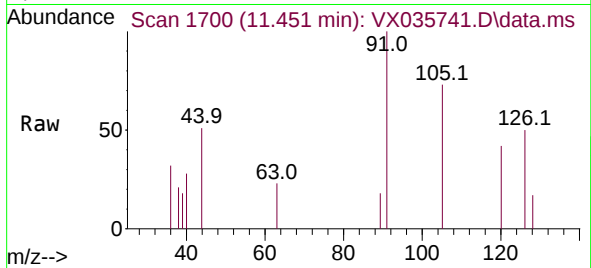




#80
1,3,5-Trimethylbenzene
Concen: 0.043 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

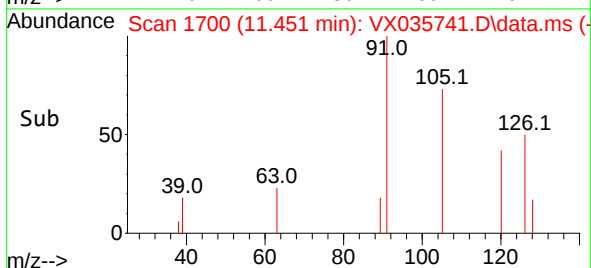
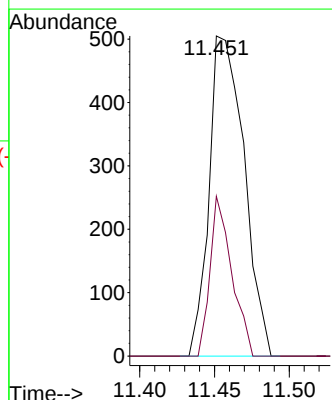
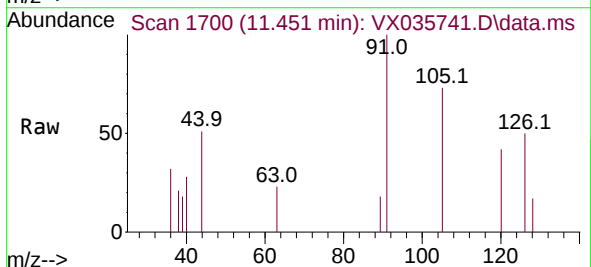
Instrument :
MSVOA_X
ClientSampleId :
IBLK

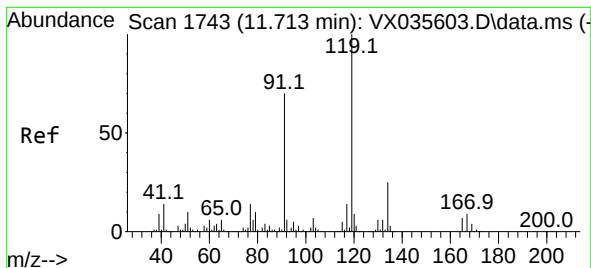
Tgt Ion:105 Resp: 439
Ion Ratio Lower Upper
105 100
120 55.6 23.7 71.1



#82
4-Chlorotoluene
Concen: 0.081 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

Tgt Ion: 91 Resp: 820
Ion Ratio Lower Upper
91 100
126 31.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 0.049 ug/l

RT: 11.707 min Scan# 1742

Delta R.T. -0.006 min

Lab File: VX035741.D

Acq: 18 May 2023 14:45

Instrument :

MSVOA_X

ClientSampleId :

IBLK

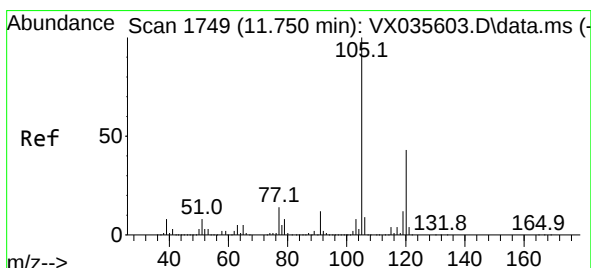
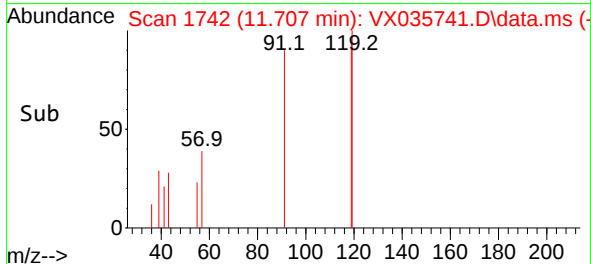
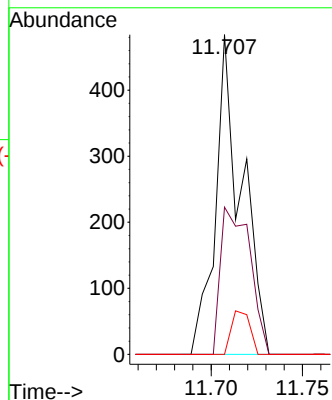
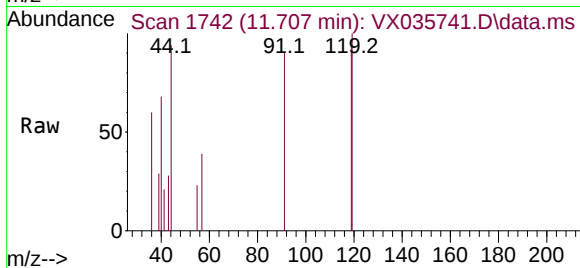
Tgt Ion:119 Resp: 481

Ion Ratio Lower Upper

119 100

91 51.8 30.6 92.0

134 9.6 11.8 35.4#



#84

1,2,4-Trimethylbenzene

Concen: 0.051 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX035741.D

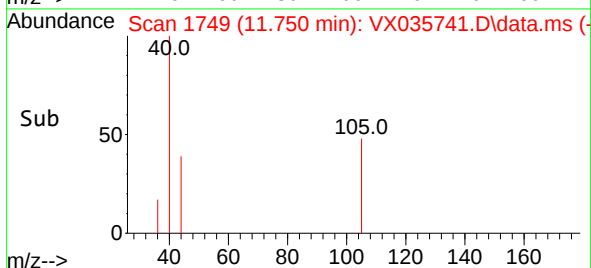
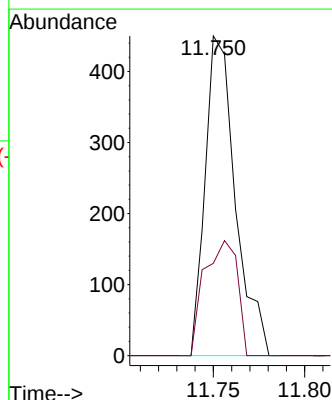
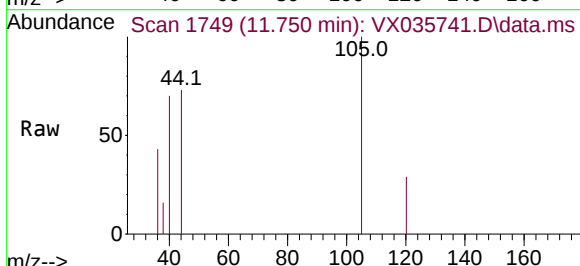
Acq: 18 May 2023 14:45

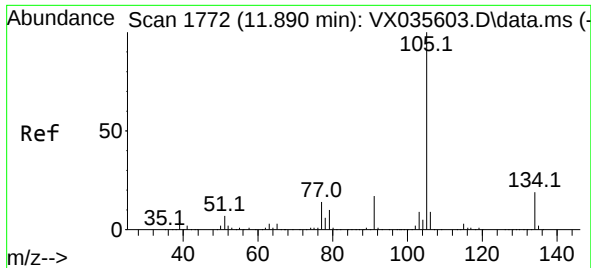
Tgt Ion:105 Resp: 518

Ion Ratio Lower Upper

105 100

120 39.2 22.4 67.0

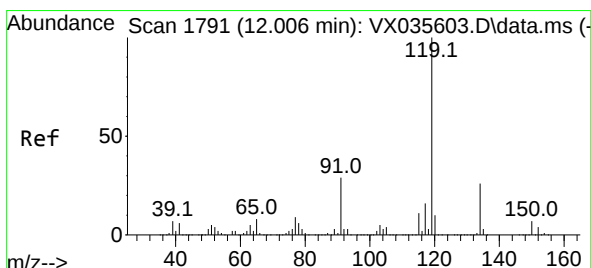
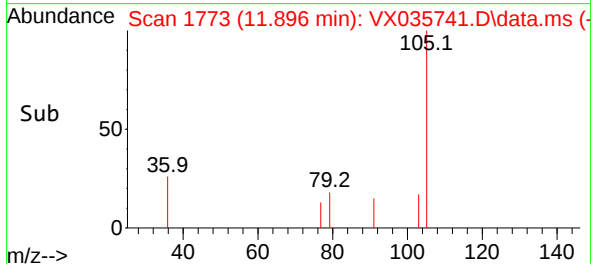
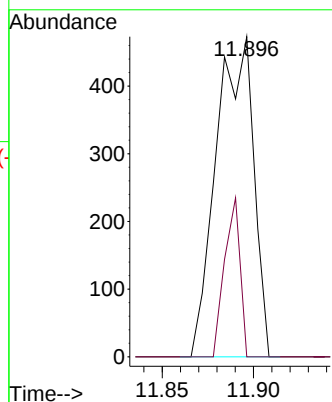
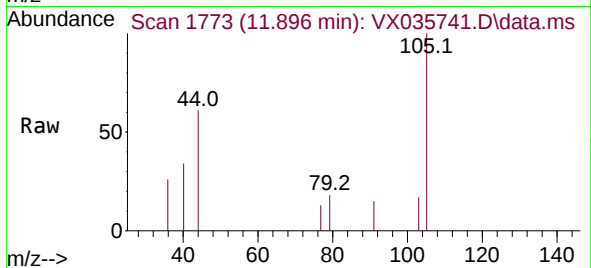




#85
 sec-Butylbenzene
 Concen: 0.055 ug/l
 RT: 11.896 min Scan# 1773
 Delta R.T. 0.006 min
 Lab File: VX035741.D
 Acq: 18 May 2023 14:45

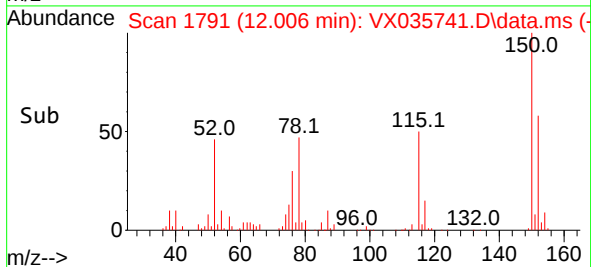
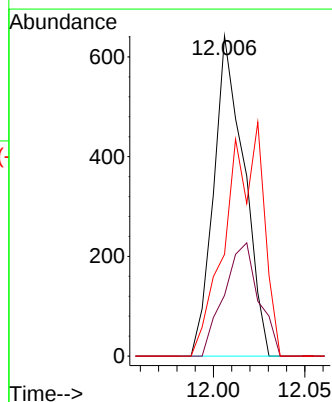
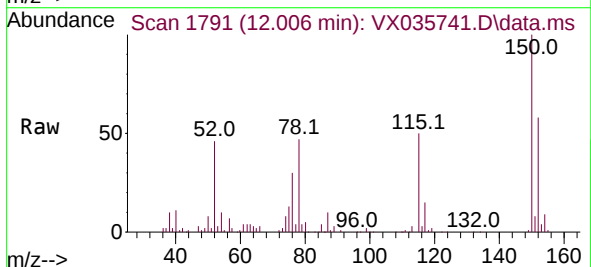
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

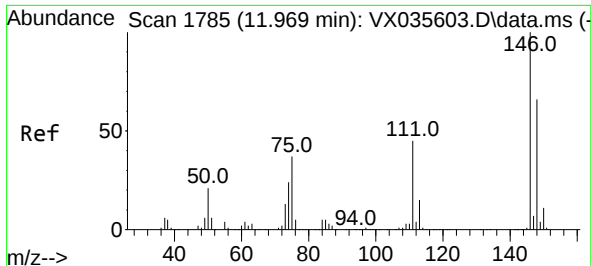
Tgt Ion:105 Resp: 672
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 0.073 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX035741.D
 Acq: 18 May 2023 14:45

Tgt Ion:119 Resp: 740
 Ion Ratio Lower Upper
 119 100
 134 40.5 13.2 39.5#
 91 88.6 12.9 38.7#





#87

1,3-Dichlorobenzene

Concen: 0.114 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035741.D

Acq: 18 May 2023 14:45

Instrument :

MSVOA_X

ClientSampleId :

IBLK

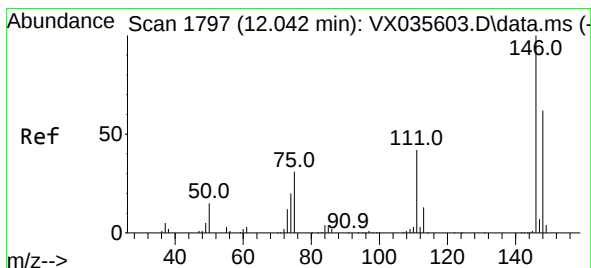
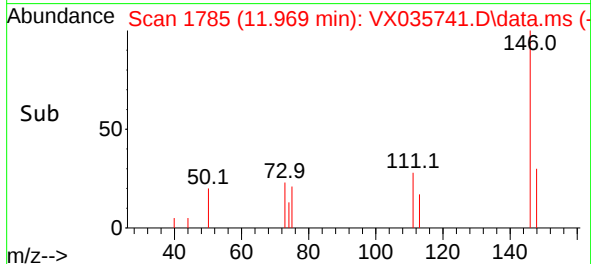
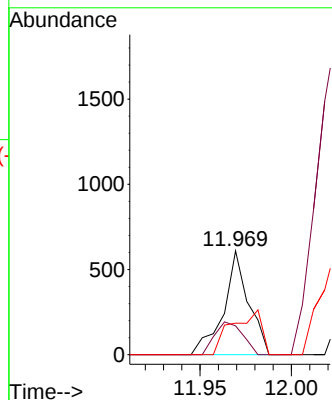
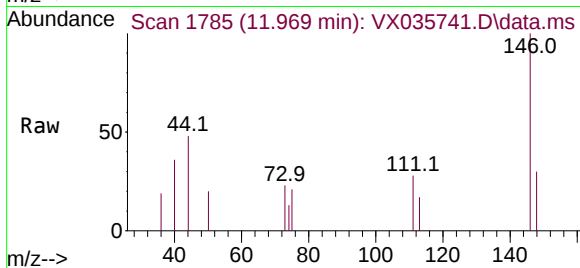
Tgt Ion:146 Resp: 583

Ion Ratio Lower Upper

146 100

111 35.0 20.9 62.8

148 50.6 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 0.113 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.073 min

Lab File: VX035741.D

Acq: 18 May 2023 14:45

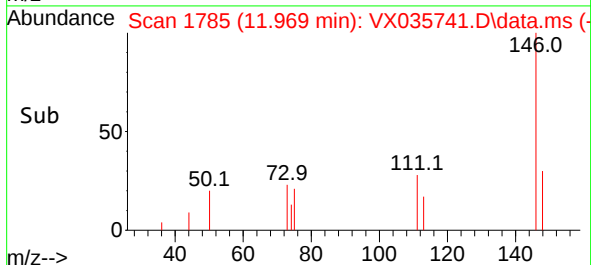
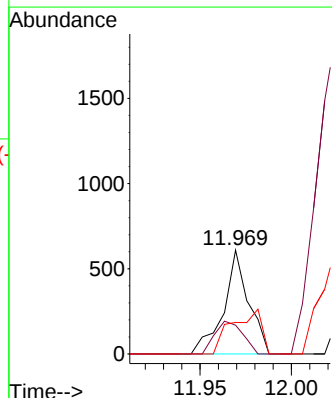
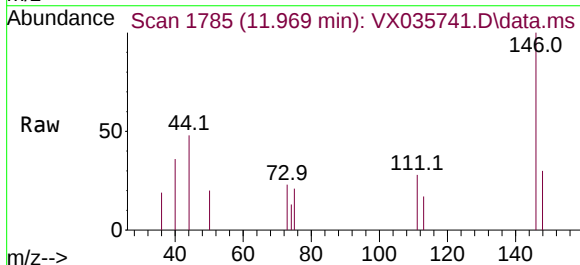
Tgt Ion:146 Resp: 583

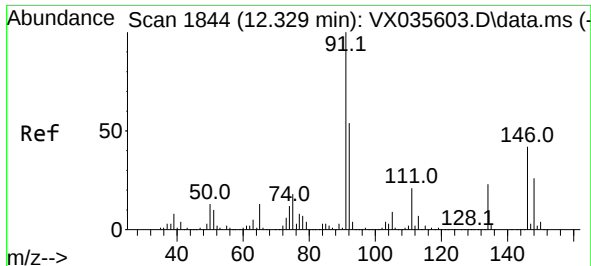
Ion Ratio Lower Upper

146 100

111 35.0 20.6 61.9

148 50.6 31.8 95.4





#89

n-Butylbenzene

Concen: 0.120 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX035741.D

Acq: 18 May 2023 14:45

Instrument :

MSVOA_X

ClientSampleId :

IBLK

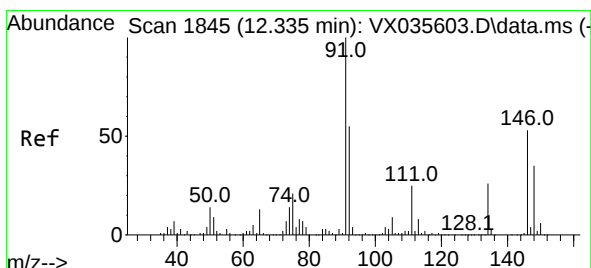
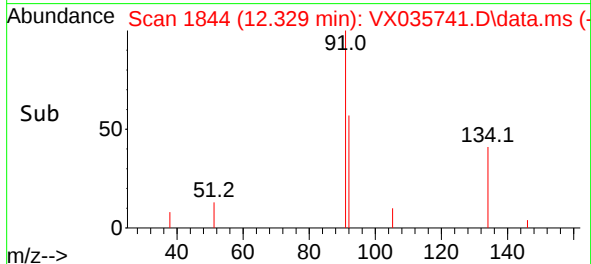
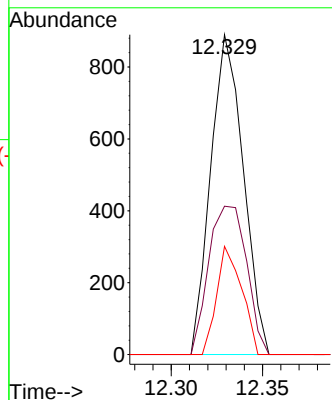
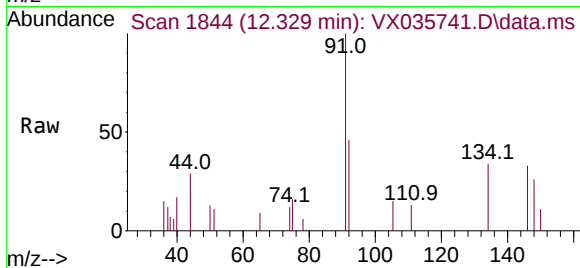
Tgt Ion: 91 Resp: 1108

Ion Ratio Lower Upper

91 100

92 53.9 27.7 83.0

134 25.9 13.0 38.9



#91

1,2-Dichlorobenzene

Concen: 0.097 ug/l

RT: 12.341 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VX035741.D

Acq: 18 May 2023 14:45

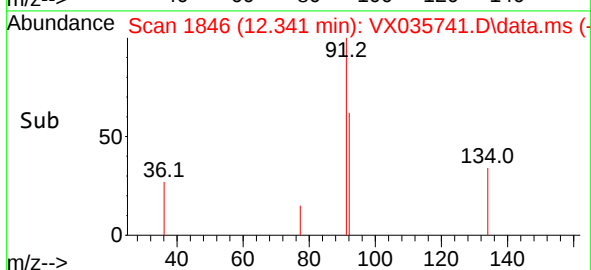
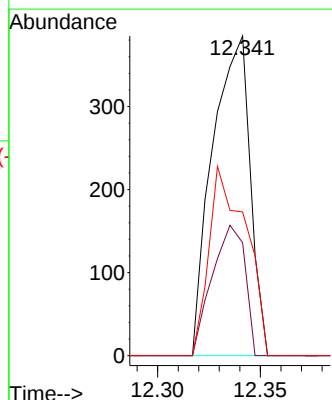
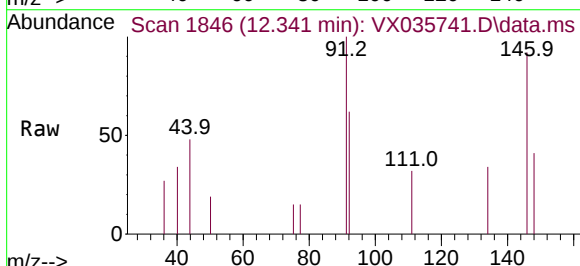
Tgt Ion:146 Resp: 489

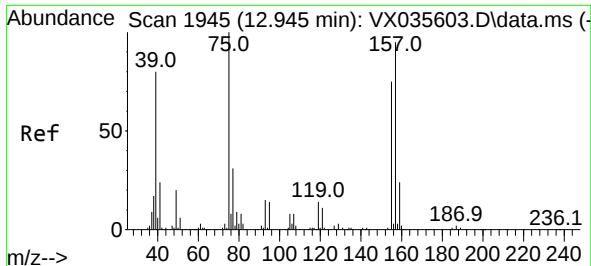
Ion Ratio Lower Upper

146 100

111 35.8 22.0 66.0

148 58.3 32.0 96.0

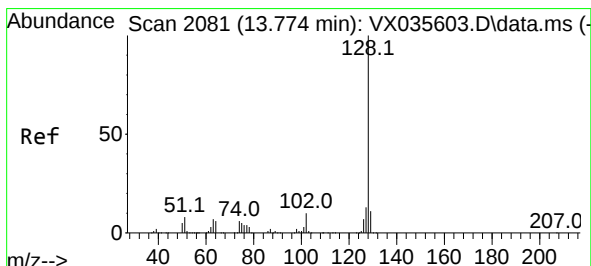
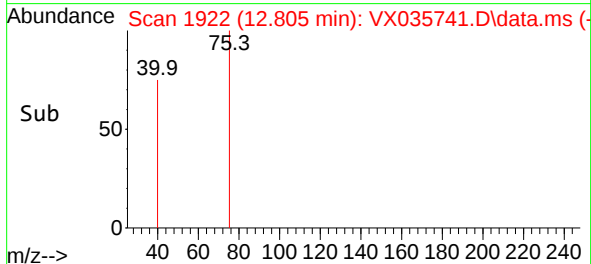
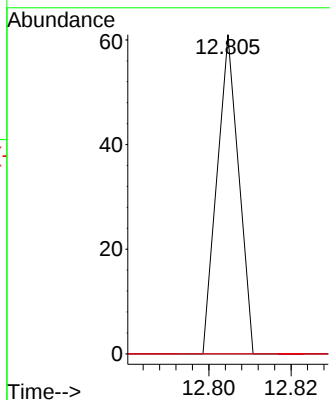
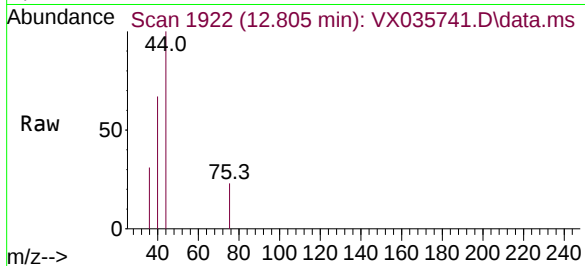




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.026 ug/l
RT: 12.805 min Scan# 1945
Delta R.T. -0.140 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 22
Ion Ratio Lower Upper
75 100
155 0.0 38.4 115.1#
157 0.0 49.9 149.7#



#95
Naphthalene
Concen: 0.164 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035741.D
Acq: 18 May 2023 14:45

Tgt Ion: 128 Resp: 1701
Ion Ratio Lower Upper
128 100
127 11.8 10.2 15.4
129 13.5 8.6 13.0#

