

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
 Data File : VV035689.D
 Acq On : 23 May 2024 09:30
 Operator : SY/MD
 Sample : VV0523SBL01
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK303

Quant Time: May 24 01:45:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 01:44:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.593	114	155	25.000	ug/L	# 0.06
28) Chlorobenzene-d5	8.805	117	1525	25.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.197	152	2577	25.000	ug/L	0.02
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	135	56.351	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	225.400%#	
7) Chloroethane-d5	1.529	69	97	50.189	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	200.760%#	
11) 1,1-Dichloroethene-d2	2.053	65	95	89.571	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	358.280%#	
21) 2-Butanone-d5	3.838	46	65	95.605	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	191.200%#	
24) Chloroform-d	0.000	84	0	0.000	ug/L	
Spiked Amount	25.000	Range 40 - 150	Recovery	=	0.000%#	
26) 1,2-Dichloroethane-d4	0.000	65	0	0.000	ug/L	
Spiked Amount	25.000	Range 70 - 130	Recovery	=	0.000%#	
32) Benzene-d6	4.989	84	269	3.222	ug/L	0.04
Spiked Amount	25.000	Range 20 - 135	Recovery	=	12.880%#	
36) 1,2-Dichloropropane-d6	0.000	67	0	0.000	ug/L	
Spiked Amount	25.000	Range 70 - 120	Recovery	=	0.000%#	
41) Toluene-d8	7.272	98	361	4.859	ug/L	0.03
Spiked Amount	25.000	Range 30 - 130	Recovery	=	19.440%#	
43) trans-1,3-Dichloroprop...	0.000	79	0	0.000	ug/L	
Spiked Amount	25.000	Range 30 - 135	Recovery	=	0.000%#	
47) 2-Hexanone-d5	0.000	63	0	0.000	ug/L	
Spiked Amount	50.000	Range 20 - 135	Recovery	=	0.000%#	
56) 1,1,2,2-Tetrachloroeth...	10.152	84	141	5.680	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	22.720%#	
66) 1,2-Dichlorobenzene-d4	11.567	152	1872	20.932	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	83.720%	
Target Compounds						
						Qvalue
3) Chloromethane	1.211	50	1422	449.444	ug/L	85
5) Vinyl chloride	1.275	62	108	33.041	ug/L #	42
6) Bromomethane	1.487	94	1174	567.242	ug/L	91
8) Chloroethane	1.539	64	42	20.844	ug/L #	43
9) Trichlorofluoromethane	1.709	101	164	38.439	ug/L #	1
12) 1,1-Dichloroethene	2.066	96	434	178.494	ug/L	76
13) Acetone	2.150	43	2596	2608.409	ug/L	96
14) Carbon disulfide	2.233	76	1525	198.017	ug/L #	67
15) Methyl Acetate	2.387	43	1050	696.351	ug/L	99
16) Methylene chloride	2.442	84	7843	2194.286	ug/L	94
17) trans-1,2-Dichloroethene	2.687	96	37	13.707	ug/L #	55
18) Methyl tert-butyl Ether	2.703	73	193	29.641	ug/L #	57
19) 1,1-Dichloroethane	3.108	63	251	49.601	ug/L #	49
20) cis-1,2-Dichloroethene	3.831	96	42	14.353	ug/L #	1
22) 2-Butanone	3.899	43	81	87.639	ug/L #	51
25) Chloroform	4.272	83	42	8.038	ug/L #	18
27) 1,2-Dichloroethane	5.075	62	60	18.439	ug/L #	73
33) Benzene	5.024	78	275	2.725	ug/L	100
34) Trichloroethene	5.873	95	129	4.518	ug/L #	5

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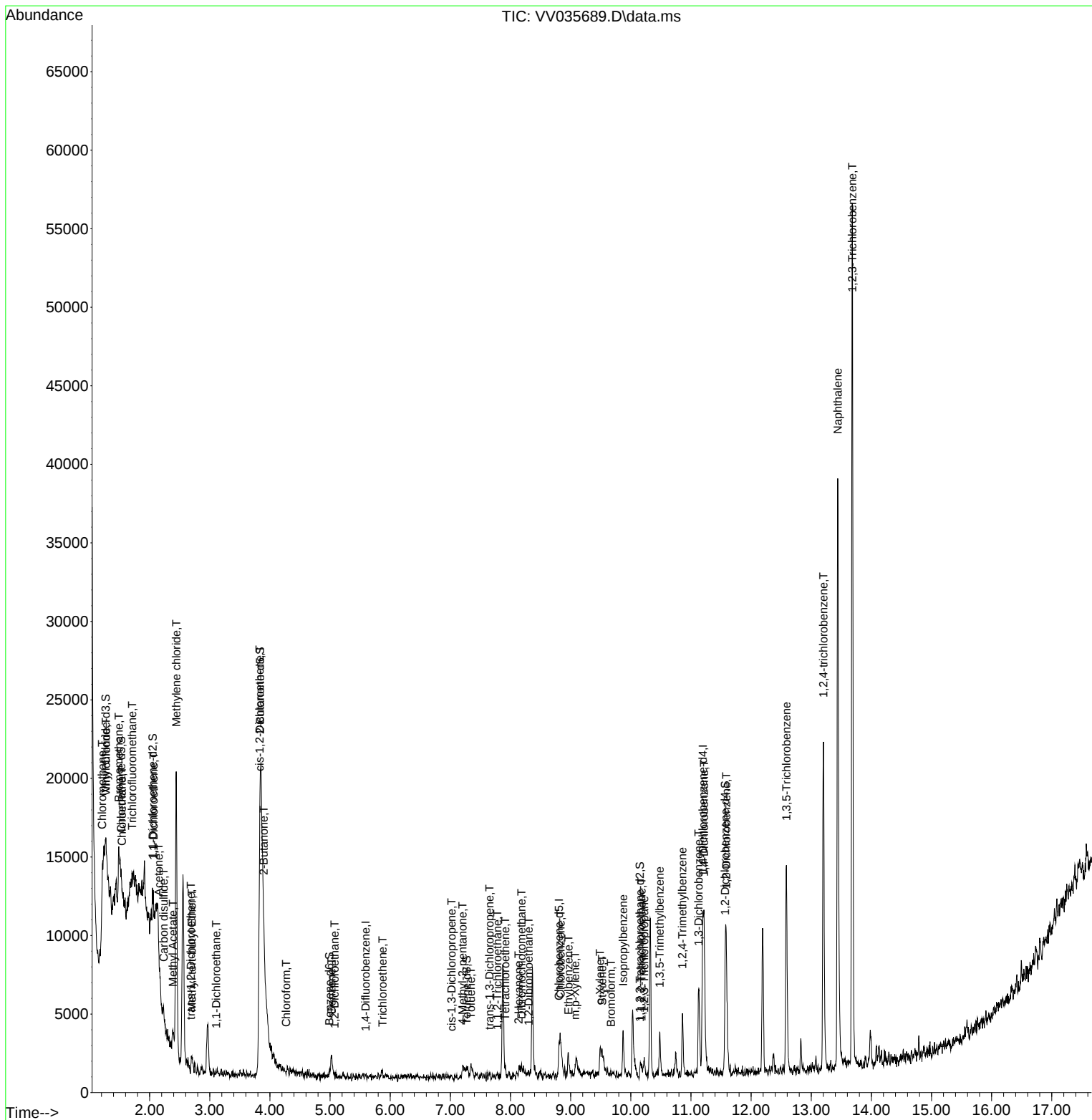
Quant Time: May 24 01:45:09 2024
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 Quant Title : VOC Analysis
 QLast Update : Fri May 24 01:44:38 2024
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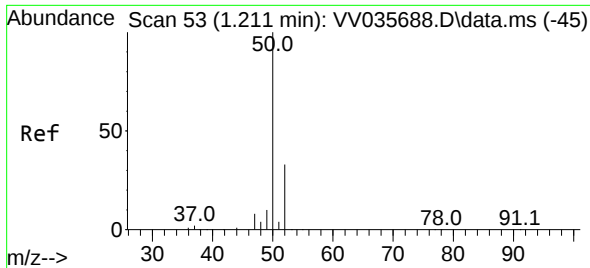
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) cis-1,3-Dichloropropene	7.018	75	111	2.695	ug/L #	42
40) 4-Methyl-2-pentanone	7.201	43	523	33.163	ug/L #	88
42) Toluene	7.342	91	799	7.480	ug/L	91
44) trans-1,3-Dichloropropene	7.651	75	121	3.358	ug/L #	43
45) 1,1,2-Trichloroethane	7.783	97	75	3.352	ug/L #	15
46) Tetrachloroethene	7.915	164	76	3.277	ug/L	81
48) 2-Hexanone	8.136	43	213	18.013	ug/L #	72
49) Dibromochloromethane	8.185	129	86	3.406	ug/L	91
50) 1,2-Dibromoethane	8.300	107	102	4.628	ug/L #	6
51) Chlorobenzene	8.834	112	1667	22.492	ug/L	89
52) Ethylbenzene	8.966	91	1671	14.169	ug/L	98
53) m,p-Xylene	9.075	106	136	3.040	ug/L	64
54) o-Xylene	9.487	106	677	15.965	ug/L	80
55) Styrene	9.525	104	667	9.018	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.181	83	286	10.494	ug/L #	80
59) Bromoform	9.670	173	61	1.204	ug/L #	36
60) Isopropylbenzene	9.873	105	2153	6.272	ug/L #	91
61) 1,2,3-Trichloropropane	10.223	75	741	12.271	ug/L #	65
62) 1,3,5-Trimethylbenzene	10.480	105	1950	7.241	ug/L	94
63) 1,2,4-Trimethylbenzene	10.860	105	2683	9.695	ug/L	95
64) 1,3-Dichlorobenzene	11.130	146	3252	18.052	ug/L	93
65) 1,4-Dichlorobenzene	11.220	146	4116	22.070	ug/L	98
67) 1,2-Dichlorobenzene	11.586	146	3853	22.721	ug/L	90
69) 1,3,5-Trichlorobenzene	12.586	180	4247	30.168	ug/L	95
70) 1,2,4-trichlorobenzene	13.204	180	7782	66.201	ug/L	98
71) Naphthalene	13.442	128	34165	165.555	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	9235	87.329	ug/L	99

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

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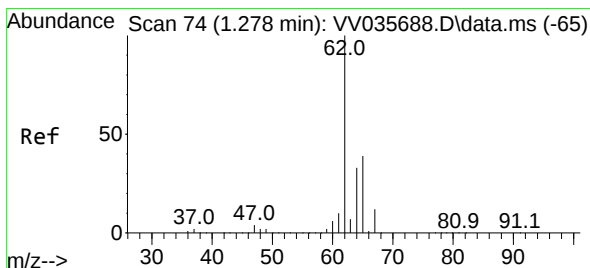
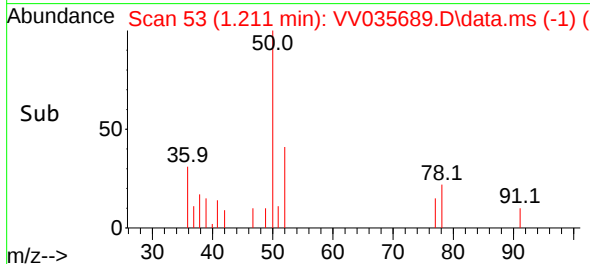
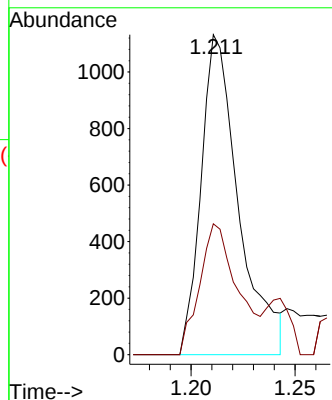
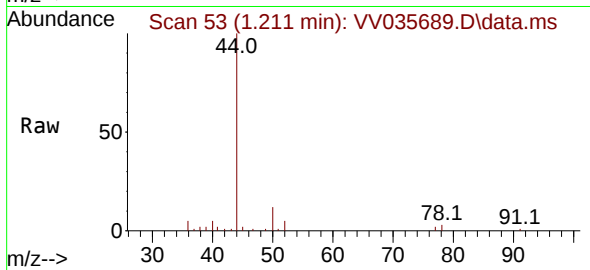




#3
Chloromethane
Concen: 449.444 ug/L
RT: 1.211 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV035689.D
Acq: 23 May 2024 09:30

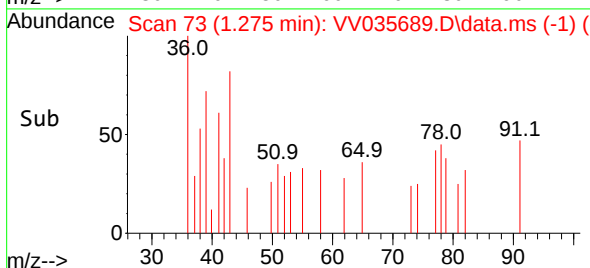
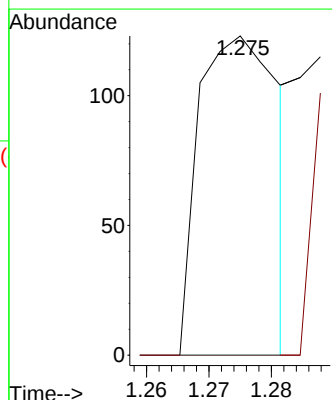
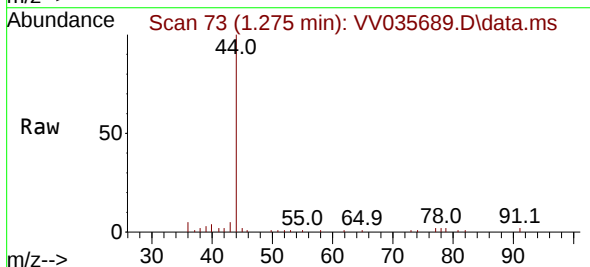
Instrument :
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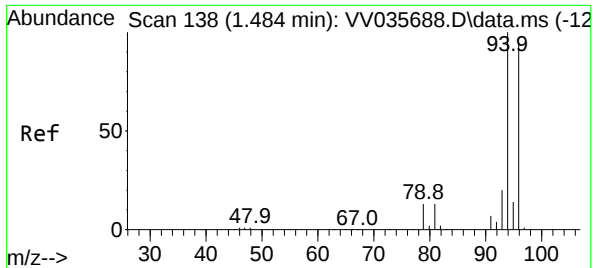
Tgt Ion: 50 Resp: 1422
Ion Ratio Lower Upper
50 100
52 40.9 22.7 42.1



#5
Vinyl chloride
Concen: 33.041 ug/L
RT: 1.275 min Scan# 73
Delta R.T. -0.003 min
Lab File: VV035689.D
Acq: 23 May 2024 09:30

Tgt Ion: 62 Resp: 108
Ion Ratio Lower Upper
62 100
64 0.0 23.0 42.6#

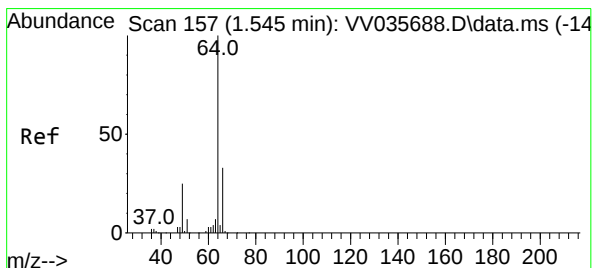
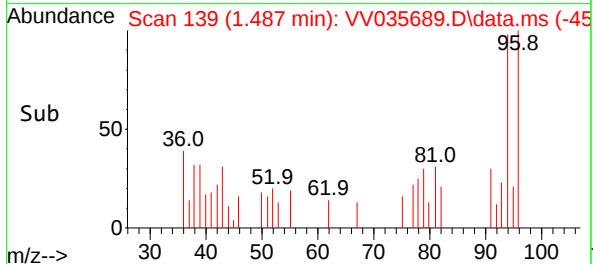
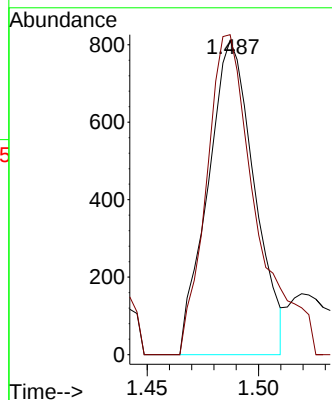
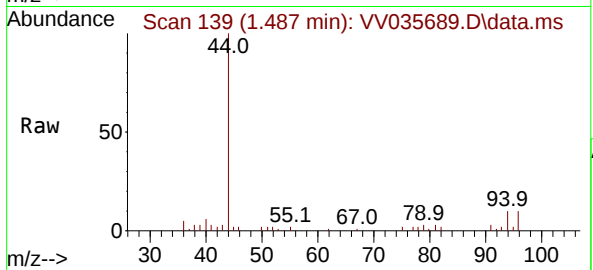




#6
Bromomethane
Concen: 567.242 ug/L
RT: 1.487 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV035689.D
Acq: 23 May 2024 09:30

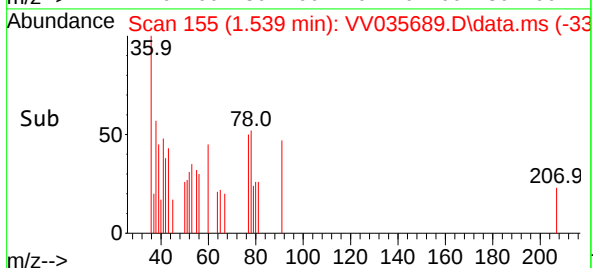
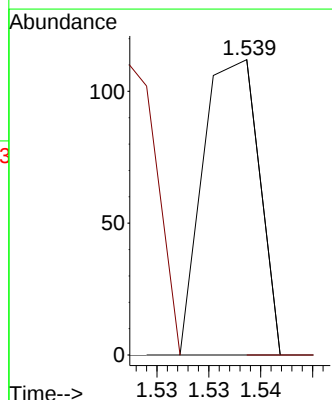
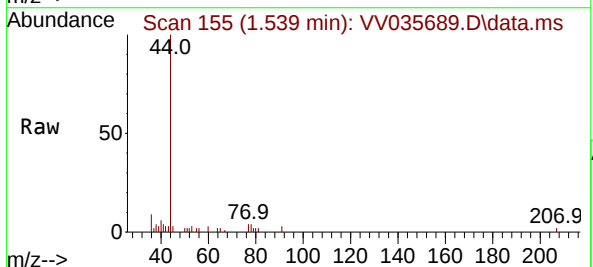
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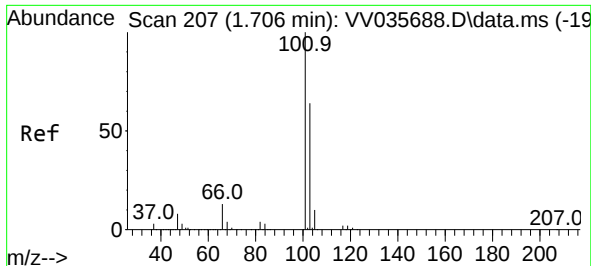
Tgt Ion: 94 Resp: 1174
Ion Ratio Lower Upper
94 100
96 101.8 65.2 121.0



#8
Chloroethane
Concen: 20.844 ug/L
RT: 1.539 min Scan# 155
Delta R.T. -0.006 min
Lab File: VV035689.D
Acq: 23 May 2024 09:30

Tgt Ion: 64 Resp: 42
Ion Ratio Lower Upper
64 100
66 0.0 22.0 40.8#

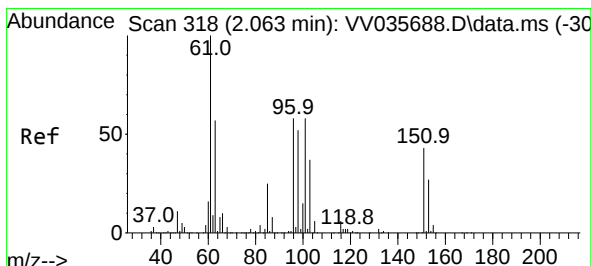
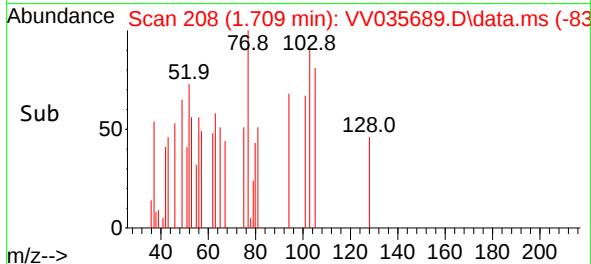
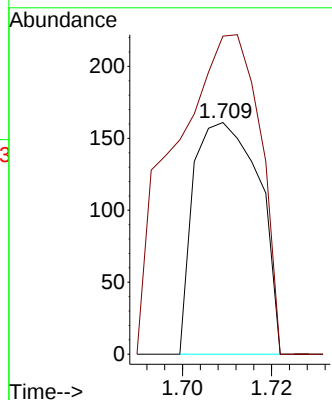
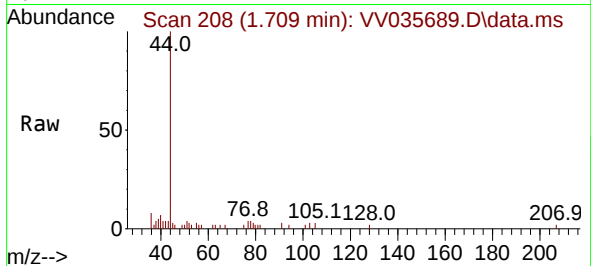




#9
Trichlorofluoromethane
Concen: 38.439 ug/L
RT: 1.709 min Scan# 207
Delta R.T. 0.003 min
Lab File: VV035689.D
Acq: 23 May 2024 09:30

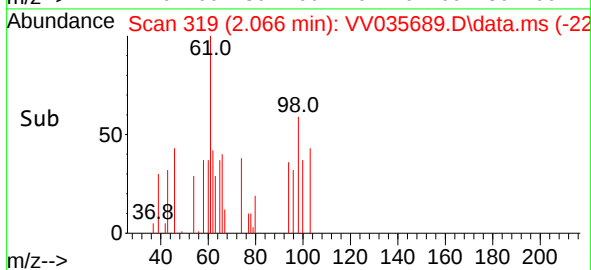
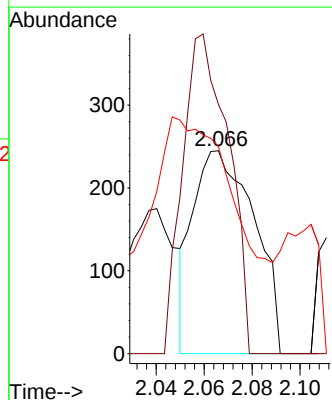
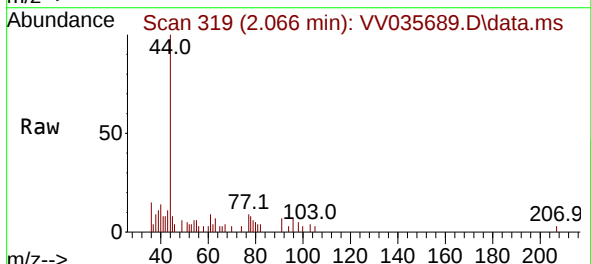
Instrument :
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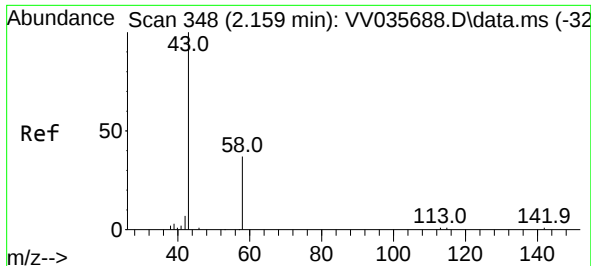
Tgt Ion:101 Resp: 164
Ion Ratio Lower Upper
101 100
103 181.7 51.5 77.3#



#12
1,1-Dichloroethene
Concen: 178.494 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV035689.D
Acq: 23 May 2024 09:30

Tgt Ion: 96 Resp: 434
Ion Ratio Lower Upper
96 100
61 122.9 119.8 222.4
63 102.0 75.6 140.4





#13

Acetone

Concen: 2608.409 ug/L

RT: 2.150 min Scan# 34

Delta R.T. -0.010 min

Lab File: VV035689.D

Acq: 23 May 2024 09:30

Instrument :

MSVOA_V

ClientSampleId :

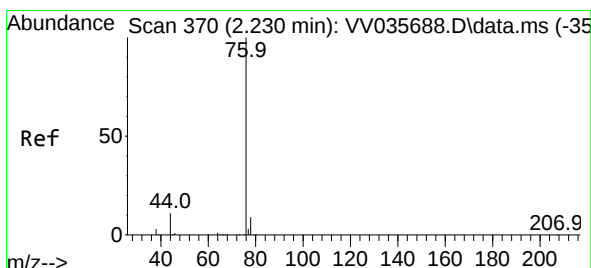
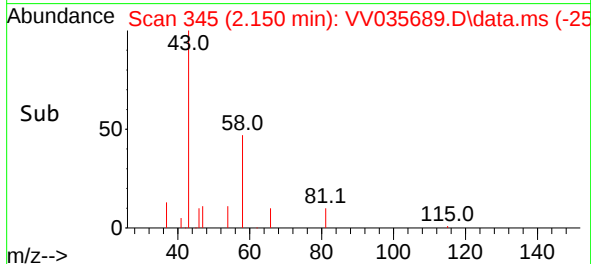
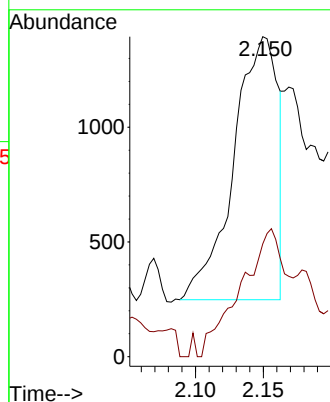
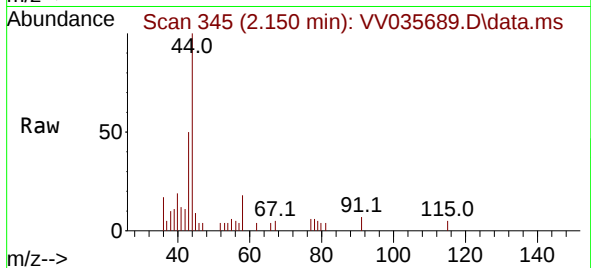
VBLK303

Tgt Ion: 43 Resp: 2596

Ion Ratio Lower Upper

43 100

58 12.9 0.0 22.8



#14

Carbon disulfide

Concen: 198.017 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.003 min

Lab File: VV035689.D

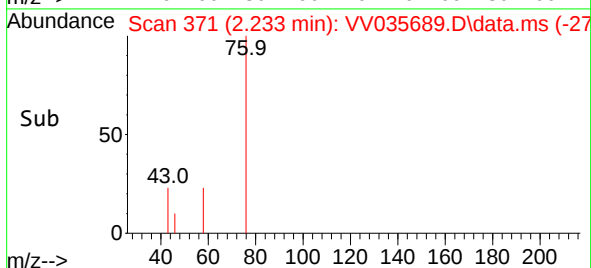
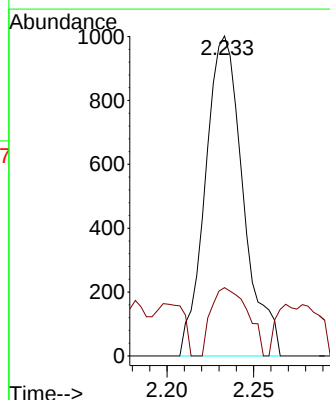
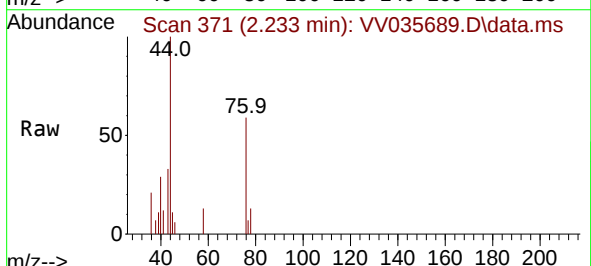
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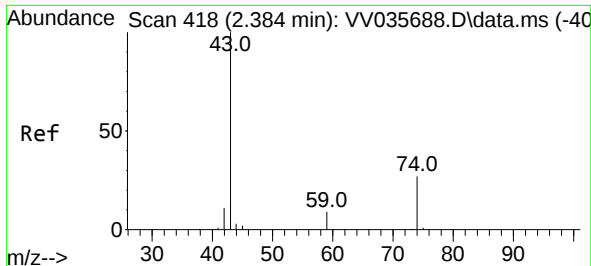
Tgt Ion: 76 Resp: 1525

Ion Ratio Lower Upper

76 100

78 21.4 7.5 11.3#

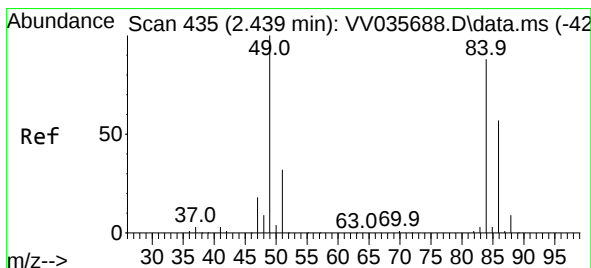
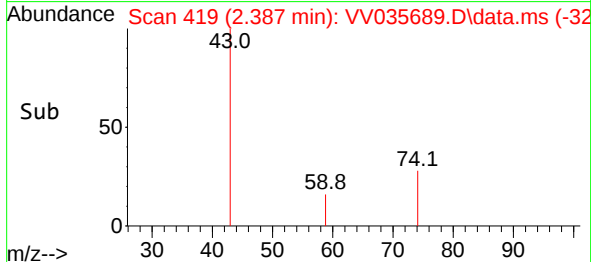
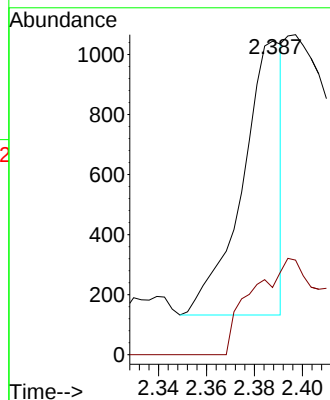
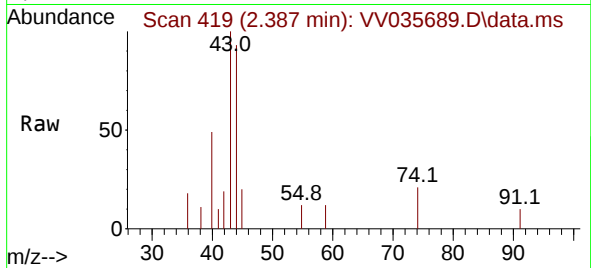




#15
Methyl Acetate
Concen: 696.351 ug/L
RT: 2.387 min Scan# 418
Delta R.T. 0.003 min
Lab File: VV035689.D
Acq: 23 May 2024 09:30

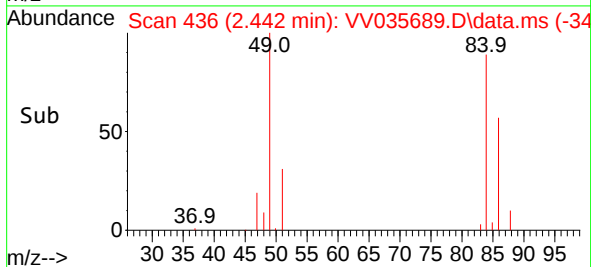
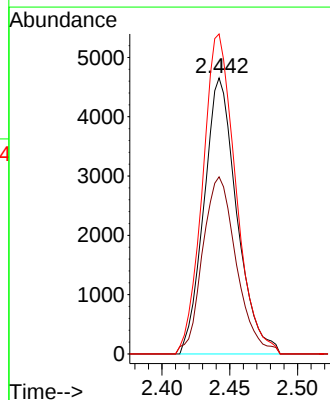
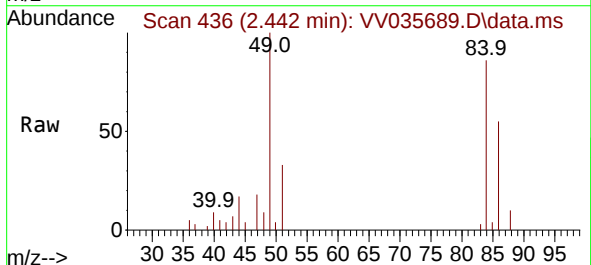
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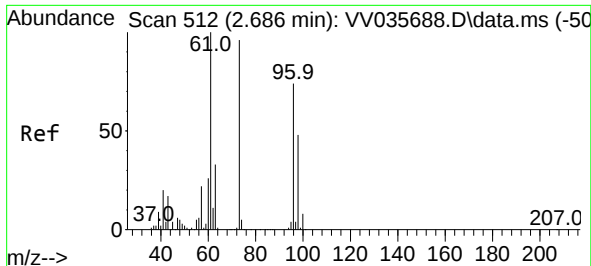
Tgt Ion: 43 Resp: 1050
Ion Ratio Lower Upper
43 100
74 22.8 18.6 27.8



#16
Methylene chloride
Concen: 2194.286 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV035689.D
Acq: 23 May 2024 09:30

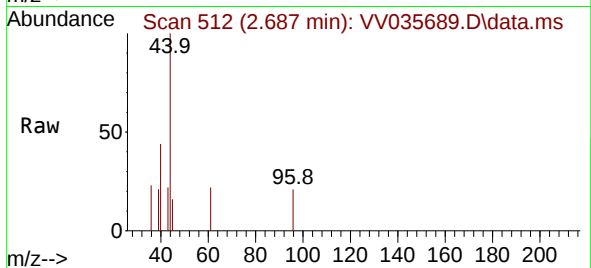
Tgt Ion: 84 Resp: 7843
Ion Ratio Lower Upper
84 100
86 64.1 43.8 81.3
49 115.9 75.3 139.9



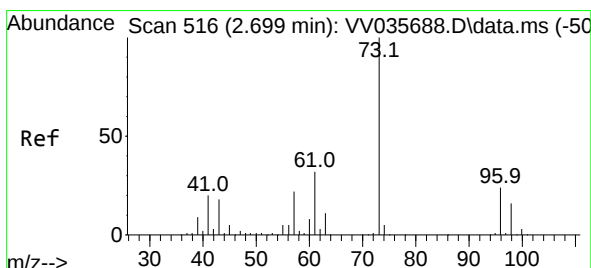
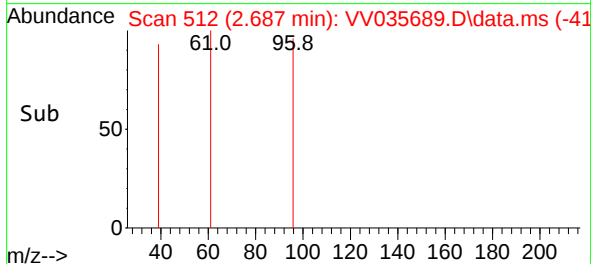
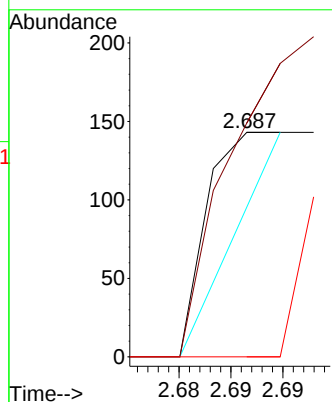


#17
trans-1,2-Dichloroethene
Concen: 13.707 ug/L
RT: 2.687 min Scan# 512
Delta R.T. 0.000 min
Lab File: VV035689.D
Acq: 23 May 2024 09:30

Instrument :
MSVOA_V
ClientSampleId :
VBLK303

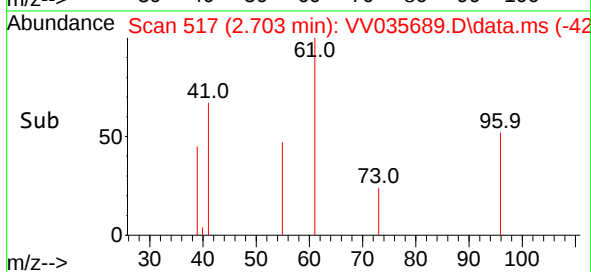
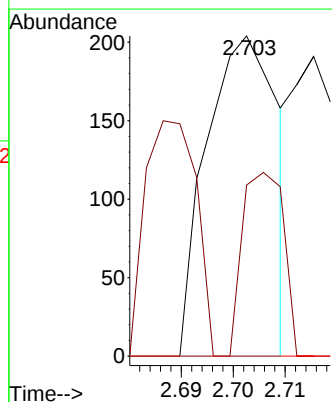
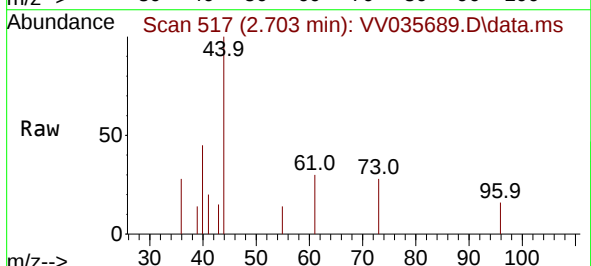


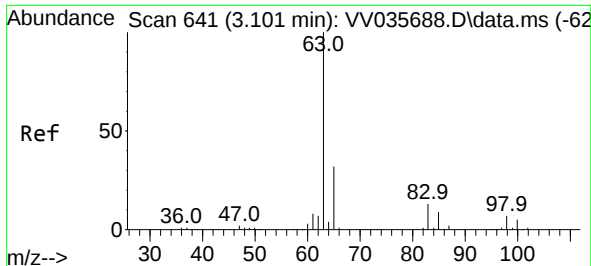
Tgt Ion: 96 Resp: 37
Ion Ratio Lower Upper
96 100
61 104.2 95.5 177.4
98 0.0 46.0 85.4#



#18
Methyl tert-butyl Ether
Concen: 29.641 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV035689.D
Acq: 23 May 2024 09:30

Tgt Ion: 73 Resp: 193
Ion Ratio Lower Upper
73 100
43 33.2 13.3 19.9#
57 0.0 17.4 26.2#





#19

1,1-Dichloroethane

Concen: 49.601 ug/L

RT: 3.108 min Scan# 641

Delta R.T. 0.006 min

Lab File: VV035689.D

Acq: 23 May 2024 09:30

Instrument :

MSVOA_V

ClientSampleId :

VBLK303

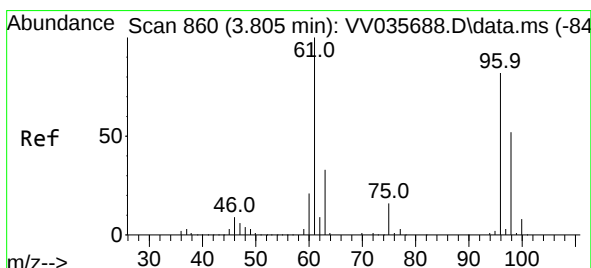
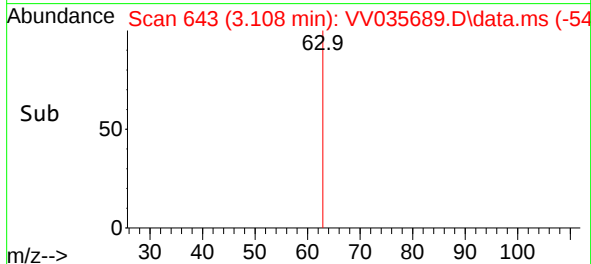
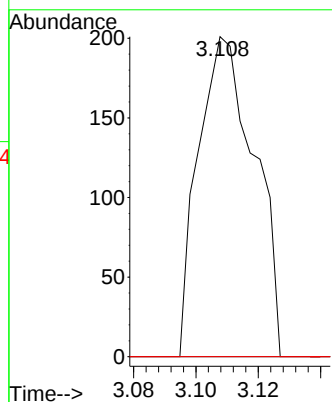
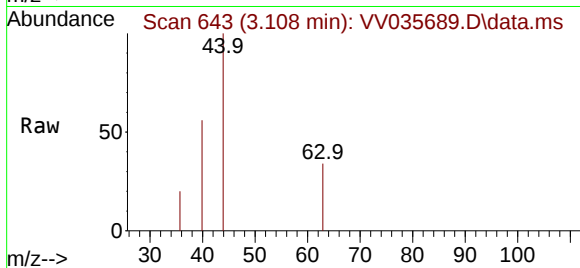
Tgt Ion: 63 Resp: 251

Ion Ratio Lower Upper

63 100

65 0.0 22.7 42.3#

83 0.0 9.7 17.9#



#20

cis-1,2-Dichloroethene

Concen: 14.353 ug/L

RT: 3.831 min Scan# 868

Delta R.T. 0.026 min

Lab File: VV035689.D

Acq: 23 May 2024 09:30

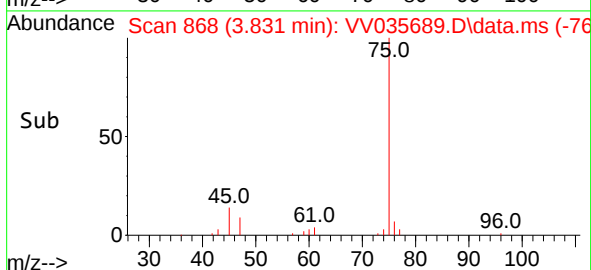
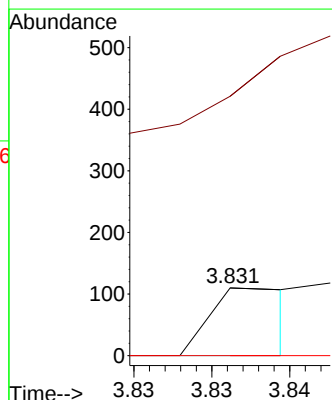
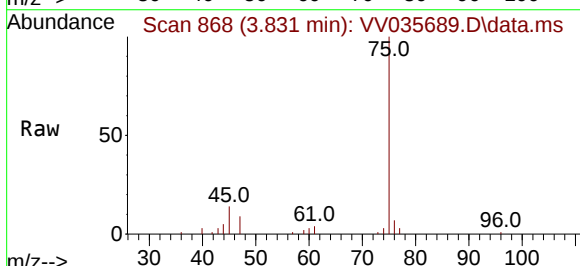
Tgt Ion: 96 Resp: 42

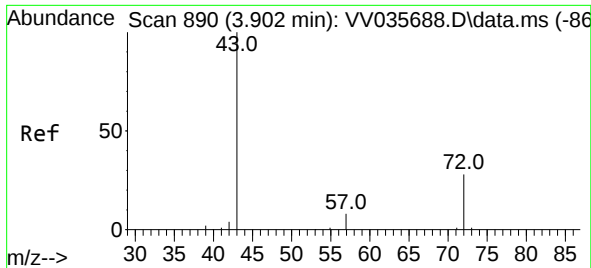
Ion Ratio Lower Upper

96 100

61 382.7 83.9 155.9#

98 0.0 44.0 81.8#

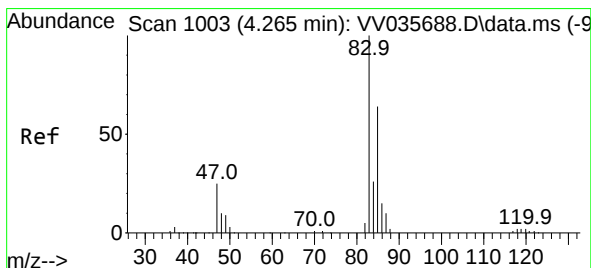
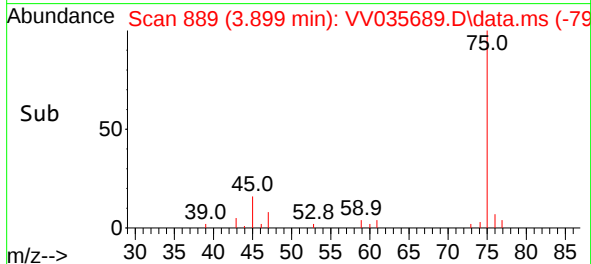
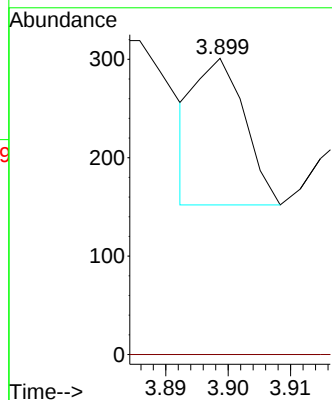
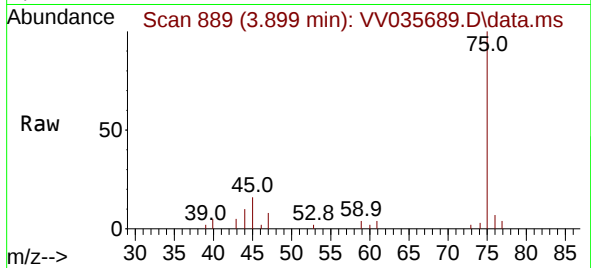




#22
2-Butanone
Concen: 87.639 ug/L
RT: 3.899 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV035689.D
Acq: 23 May 2024 09:30

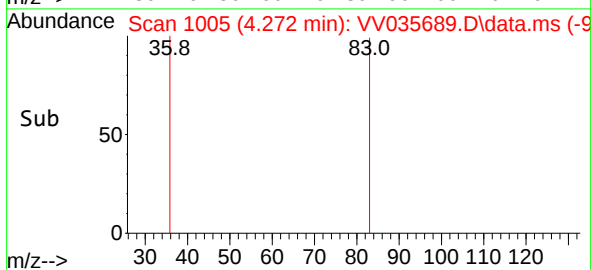
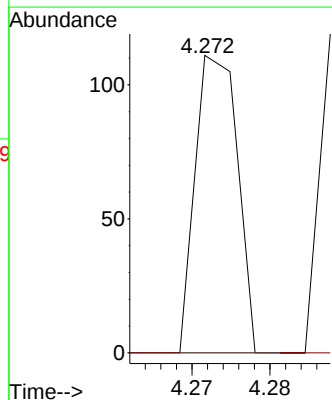
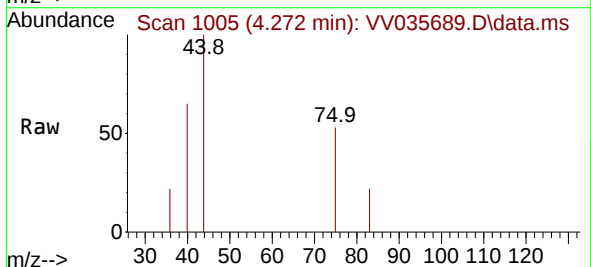
Instrument :
MSVOA_V
ClientSampleId :
VBLK303

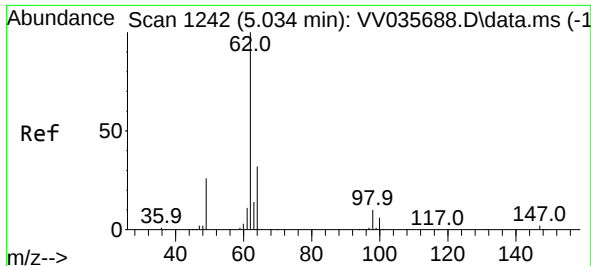
Tgt Ion: 43 Resp: 81
Ion Ratio Lower Upper
43 100
72 0.0 12.3 36.9#



#25
Chloroform
Concen: 8.038 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VV035689.D
Acq: 23 May 2024 09:30

Tgt Ion: 83 Resp: 42
Ion Ratio Lower Upper
83 100
85 0.0 44.7 82.9#

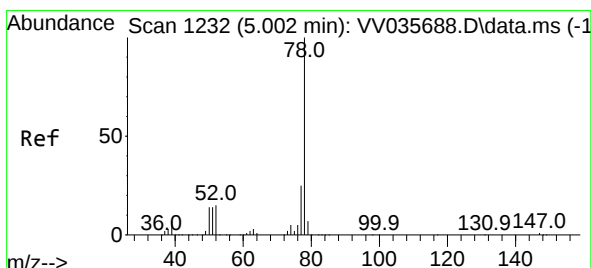
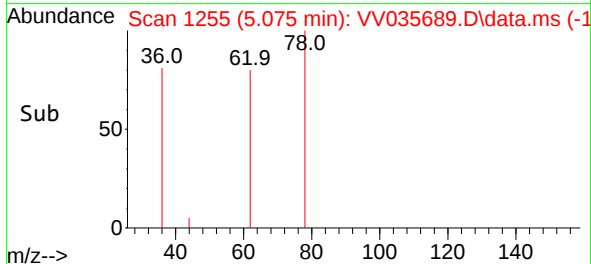
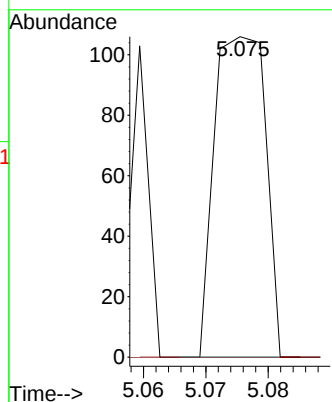
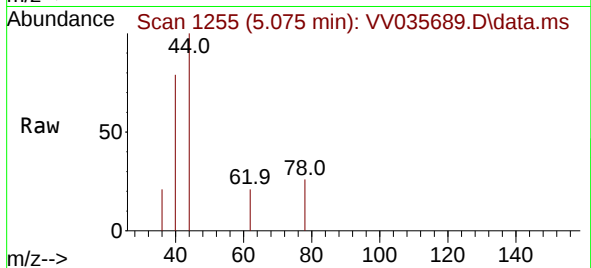




#27
1,2-Dichloroethane
Concen: 18.439 ug/L
RT: 5.075 min Scan# 11
Delta R.T. 0.042 min
Lab File: VV035689.D
Acq: 23 May 2024 09:30

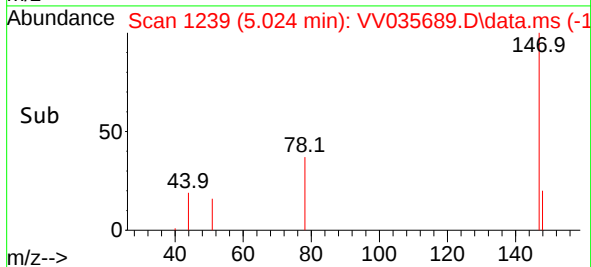
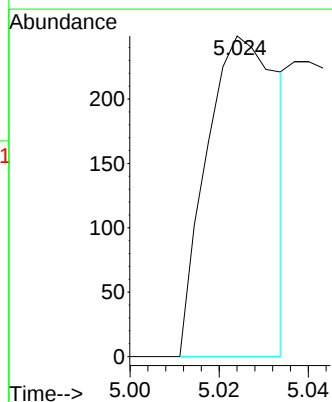
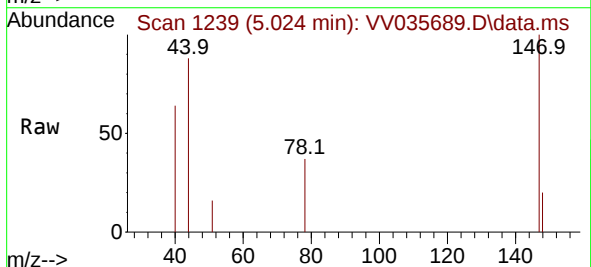
Instrument :
MSVOA_V
ClientSampleId :
VBLK303

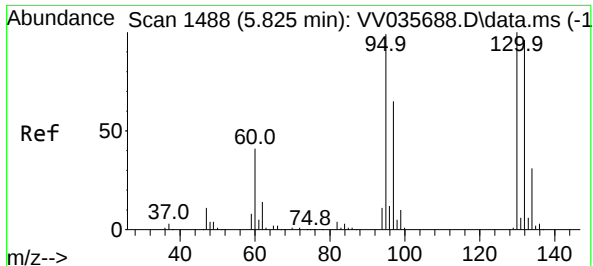
Tgt Ion: 62 Resp: 60
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.2#



#33
Benzene
Concen: 2.725 ug/L
RT: 5.024 min Scan# 1239
Delta R.T. 0.023 min
Lab File: VV035689.D
Acq: 23 May 2024 09:30

Tgt Ion: 78 Resp: 275

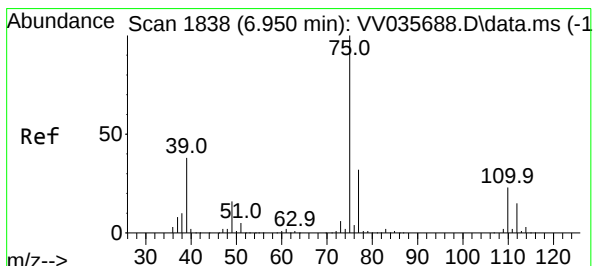
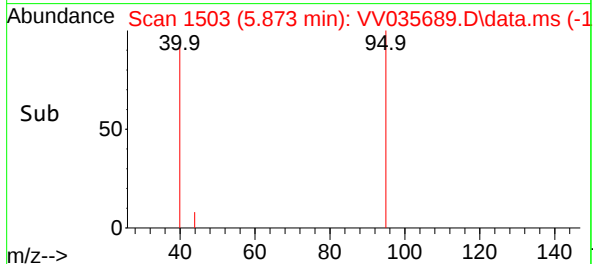
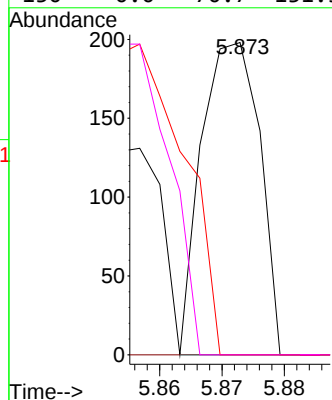
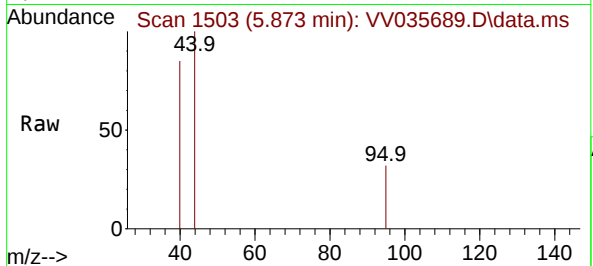




#34
 Trichloroethene
 Concen: 4.518 ug/L
 RT: 5.873 min Scan# 11
 Delta R.T. 0.048 min
 Lab File: VV035689.D
 Acq: 23 May 2024 09:30

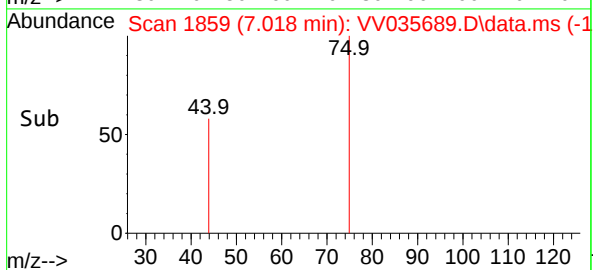
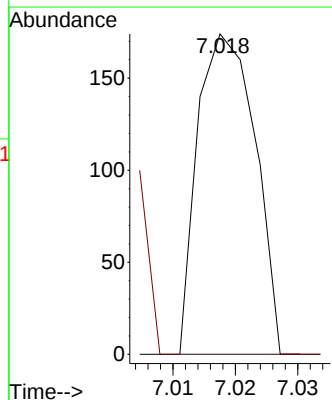
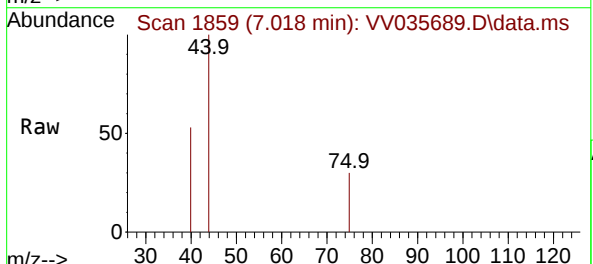
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK303

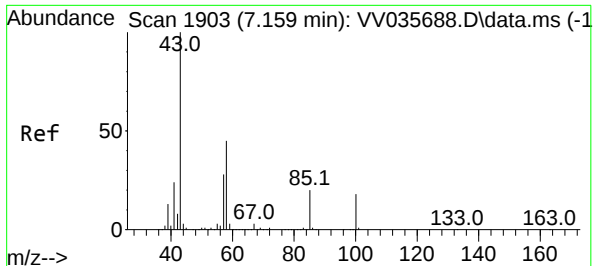
Tgt Ion: 95	Resp: 129
Ion Ratio	Lower Upper
95 100	
97 0.0	43.8 81.4#
132 0.0	67.1 124.7#
130 0.0	70.7 131.3#



#39
 cis-1,3-Dichloropropene
 Concen: 2.695 ug/L
 RT: 7.018 min Scan# 1859
 Delta R.T. 0.068 min
 Lab File: VV035689.D
 Acq: 23 May 2024 09:30

Tgt Ion: 75	Resp:	111	
Ion	Ratio	Lower	Upper
75	100		
77	0.0	22.5	41.9#





#40

4-Methyl-2-pentanone

Concen: 33.163 ug/L

RT: 7.201 min Scan# 1903

Delta R.T. 0.042 min

Lab File: VV035689.D

Acq: 23 May 2024 09:30

Instrument :

MSVOA_V

ClientSampleId :

VBLK303

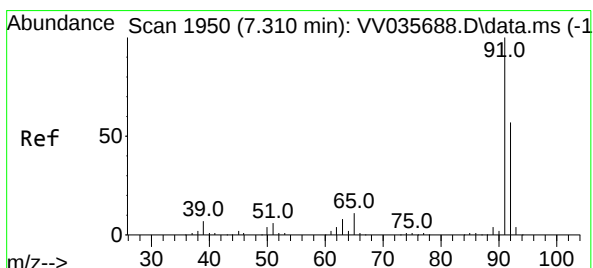
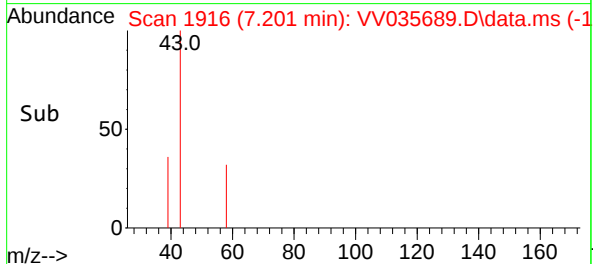
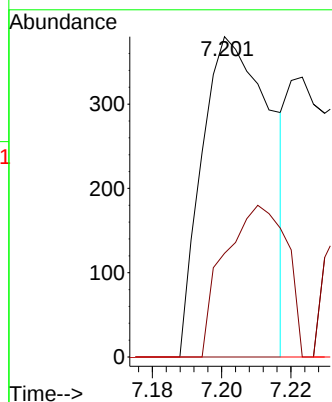
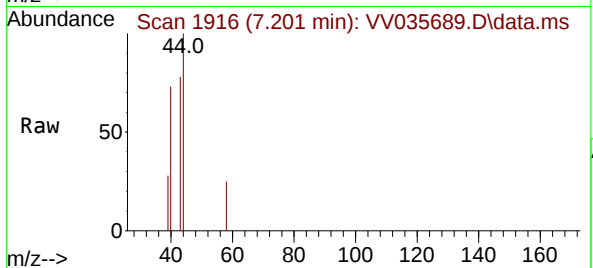
Tgt Ion: 43 Resp: 523

Ion Ratio Lower Upper

43 100

58 42.8 34.8 52.2

100 0.0 13.9 20.9#



#42

Toluene

Concen: 7.480 ug/L

RT: 7.342 min Scan# 1960

Delta R.T. 0.032 min

Lab File: VV035689.D

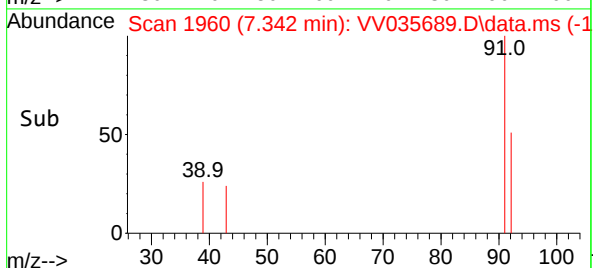
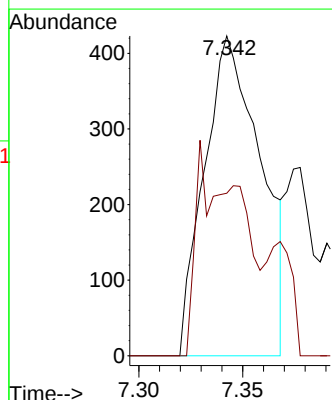
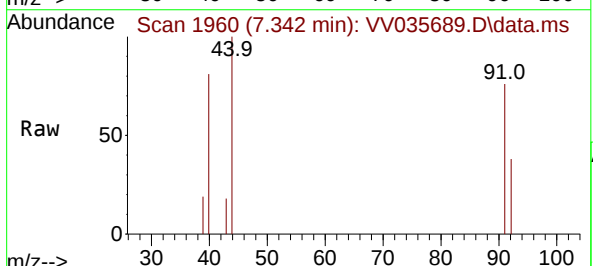
Acq: 23 May 2024 09:30

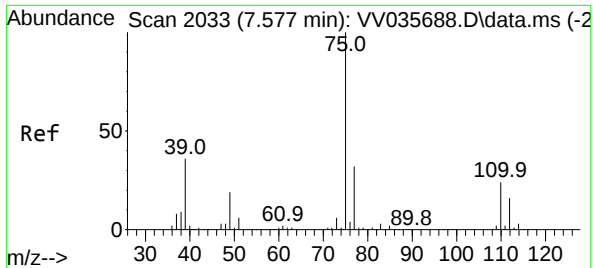
Tgt Ion: 91 Resp: 799

Ion Ratio Lower Upper

91 100

92 50.8 40.2 74.6

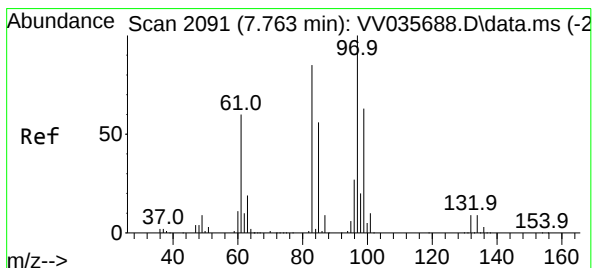
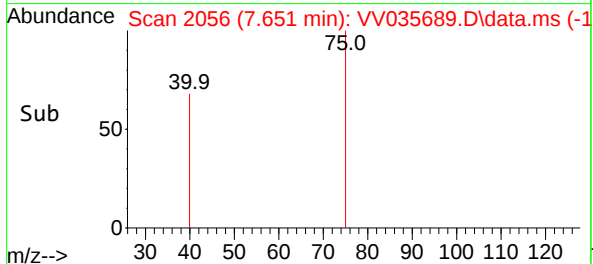
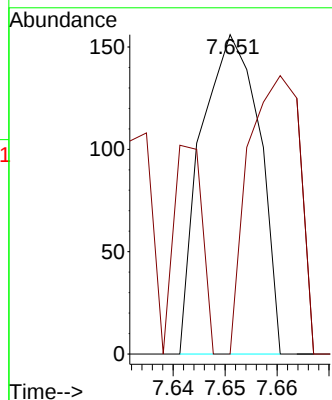
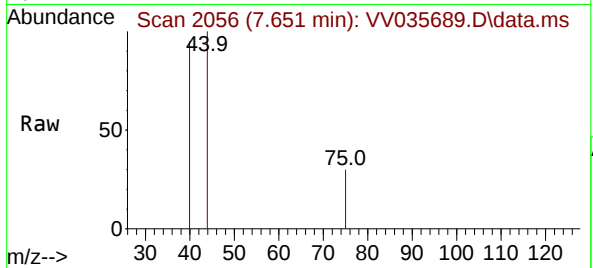




#44
trans-1,3-Dichloropropene
Concen: 3.358 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.074 min
Lab File: VV035689.D
Acq: 23 May 2024 09:30

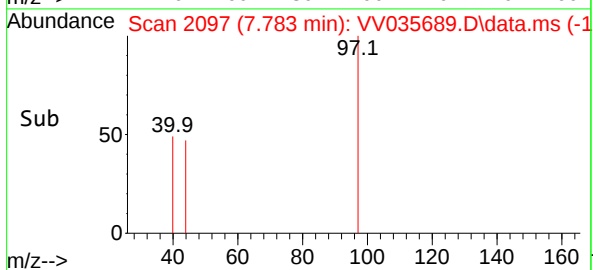
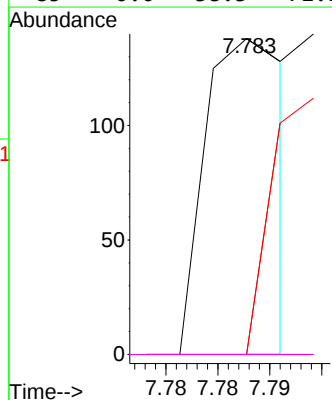
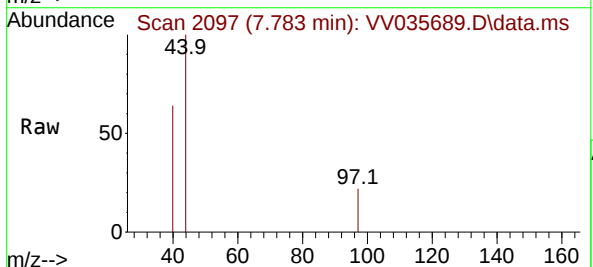
Instrument :
MSVOA_V
ClientSampleId :
VBLK303

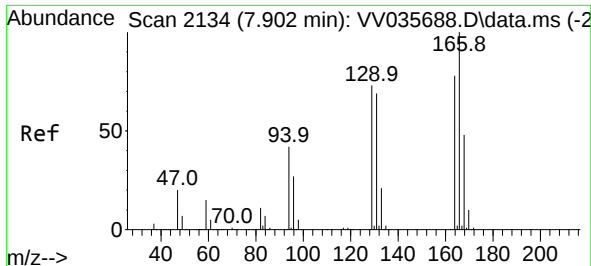
Tgt Ion: 75 Resp: 121
Ion Ratio Lower Upper
75 100
77 0.0 22.4 41.6#



#45
1,1,2-Trichloroethane
Concen: 3.352 ug/L
RT: 7.783 min Scan# 2097
Delta R.T. 0.019 min
Lab File: VV035689.D
Acq: 23 May 2024 09:30

Tgt Ion: 97 Resp: 75
Ion Ratio Lower Upper
97 100
99 0.0 43.3 80.3#
83 0.0 60.3 111.9#
85 0.0 38.3 71.1#



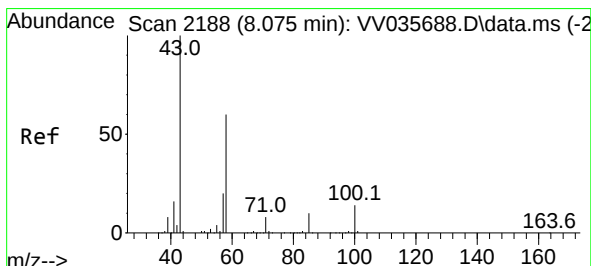
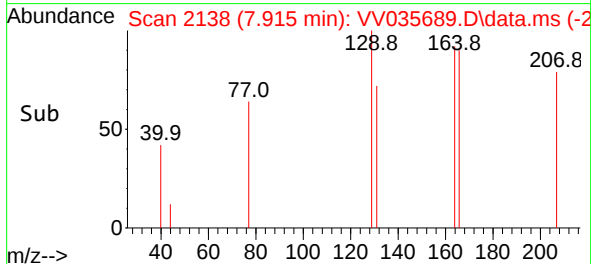
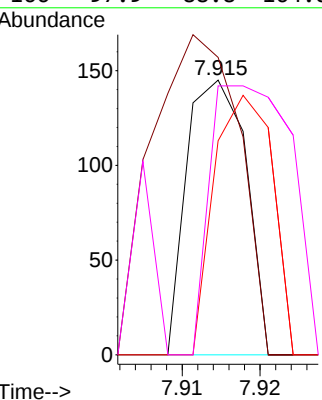
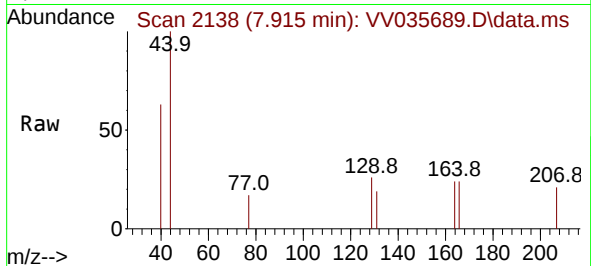


#46
Tetrachloroethene
Concen: 3.277 ug/L
RT: 7.915 min Scan# 2134
Delta R.T. 0.013 min
Lab File: VV035689.D
Acq: 23 May 2024 09:30

Instrument :
MSVOA_V
ClientSampleId :
VBLK303

Tgt Ion:164 Resp: 76

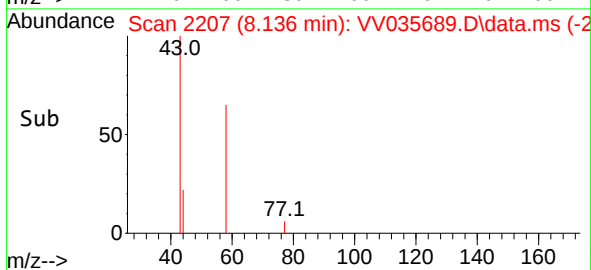
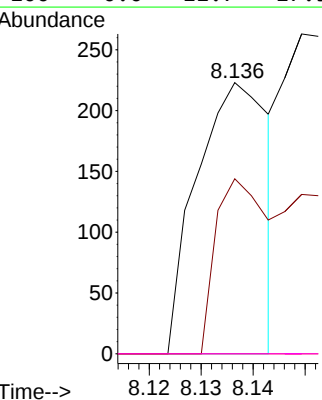
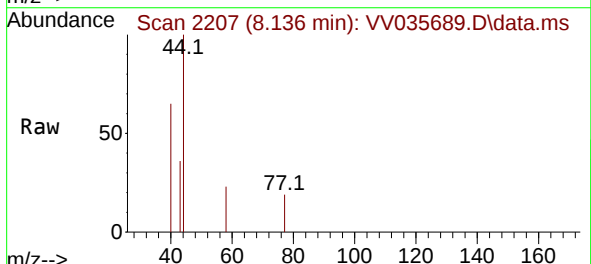
Ion	Ratio	Lower	Upper
164	100		
129	108.3	63.4	117.8
131	77.9	61.0	113.4
166	97.9	88.8	164.8

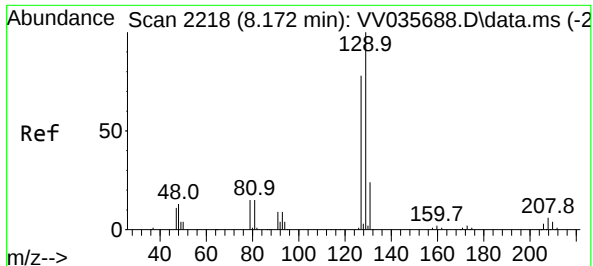


#48
2-Hexanone
Concen: 18.013 ug/L
RT: 8.136 min Scan# 2207
Delta R.T. 0.061 min
Lab File: VV035689.D
Acq: 23 May 2024 09:30

Tgt Ion: 43 Resp: 213

Ion	Ratio	Lower	Upper
43	100		
58	45.5	48.8	73.2#
57	0.0	16.9	25.3#
100	0.0	11.7	17.5#





#49

Dibromochloromethane

Concen: 3.406 ug/L

RT: 8.185 min Scan# 21

Delta R.T. 0.013 min

Lab File: VV035689.D

Acq: 23 May 2024 09:30

Instrument :

MSVOA_V

ClientSampleId :

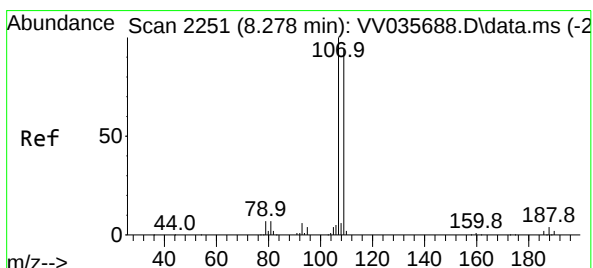
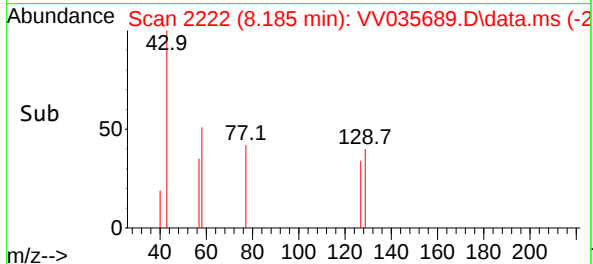
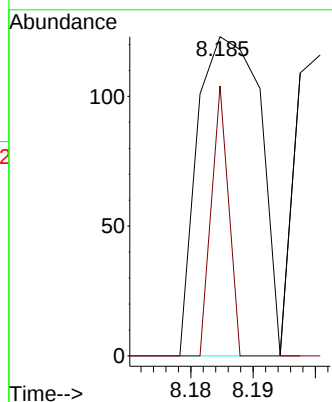
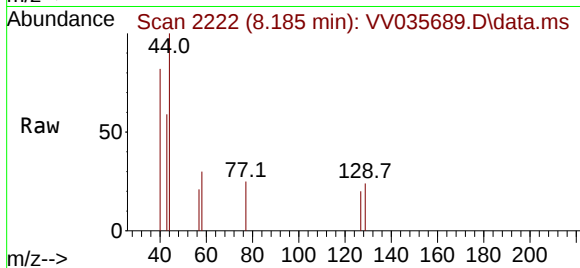
VBLK303

Tgt Ion:129 Resp: 86

Ion Ratio Lower Upper

129 100

127 84.6 53.8 99.8



#50

1,2-Dibromoethane

Concen: 4.628 ug/L

RT: 8.300 min Scan# 2258

Delta R.T. 0.023 min

Lab File: VV035689.D

Acq: 23 May 2024 09:30

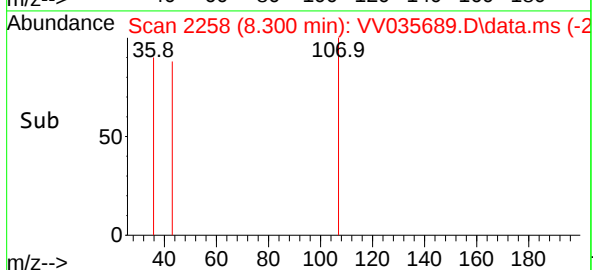
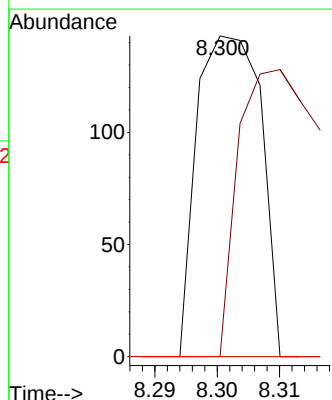
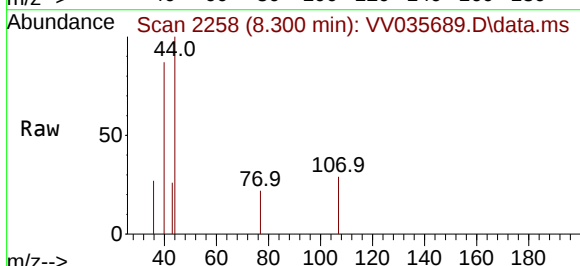
Tgt Ion:107 Resp: 102

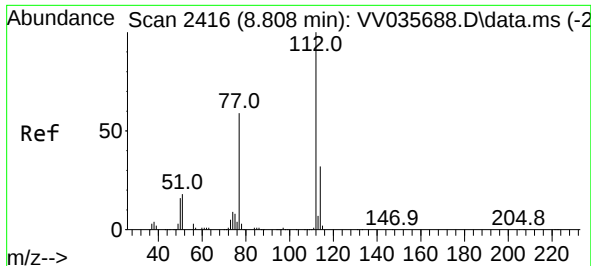
Ion Ratio Lower Upper

107 100

109 0.0 65.4 121.4#

188 0.0 2.9 4.3#

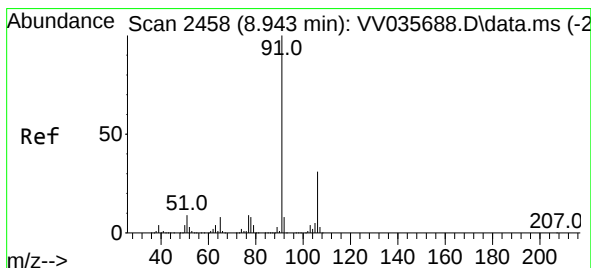
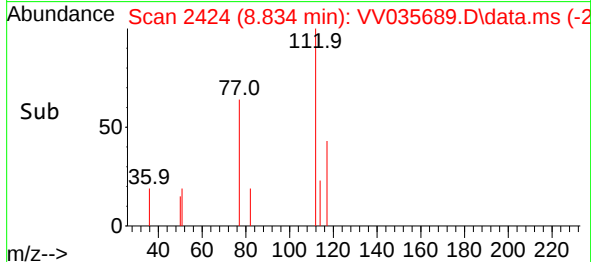
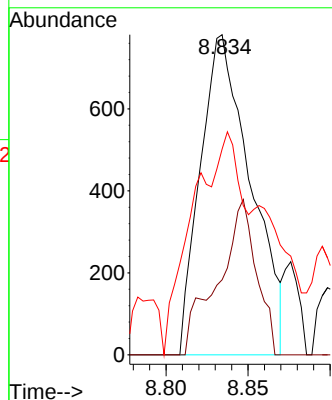
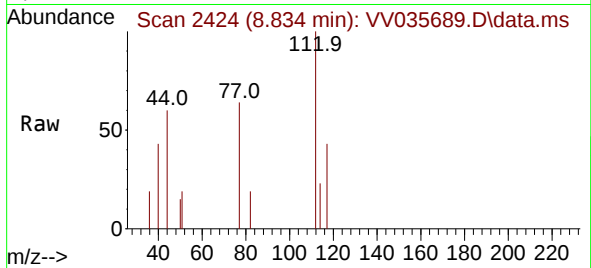




#51
Chlorobenzene
Concen: 22.492 ug/L
RT: 8.834 min Scan# 2416
Delta R.T. 0.026 min
Lab File: VV035689.D
Acq: 23 May 2024 09:30

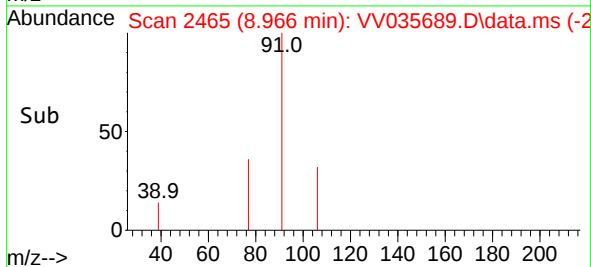
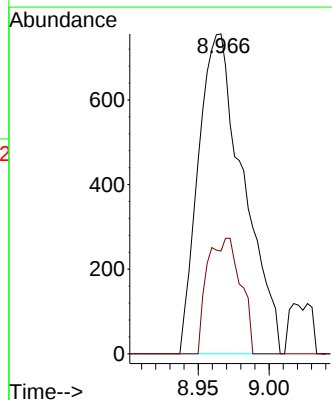
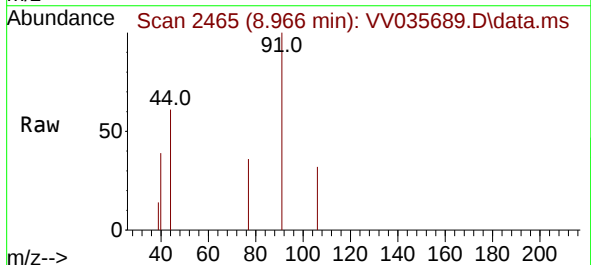
Instrument :
MSVOA_V
ClientSampleId :
VBLK303

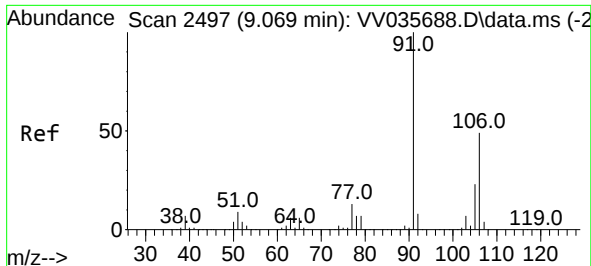
Tgt Ion:112	Resp:	1667
Ion	Ratio	Lower Upper
112	100	
114	23.4	22.5 41.7
77	64.3	46.6 69.8



#52
Ethylbenzene
Concen: 14.169 ug/L
RT: 8.966 min Scan# 2465
Delta R.T. 0.023 min
Lab File: VV035689.D
Acq: 23 May 2024 09:30

Tgt Ion: 91	Resp:	1671
Ion	Ratio	Lower Upper
91	100	
106	32.1	21.7 40.3





#53

m,p-Xylene

Concen: 3.040 ug/L

RT: 9.075 min Scan# 2499

Delta R.T. 0.006 min

Lab File: VV035689.D

Acq: 23 May 2024 09:30

Instrument :

MSVOA_V

ClientSampleId :

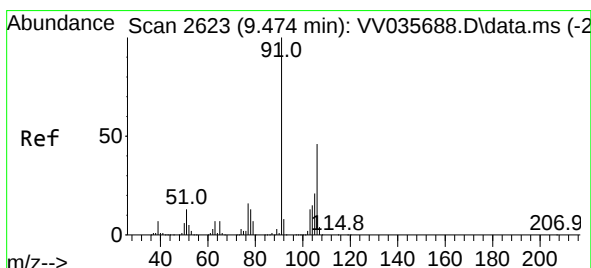
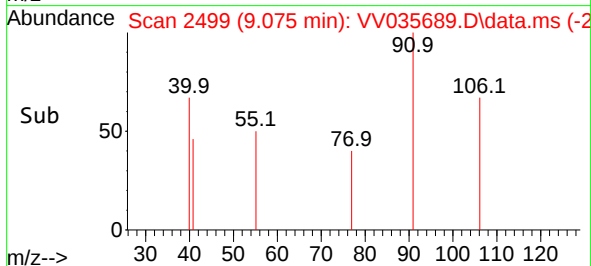
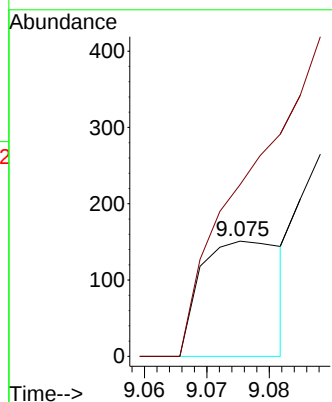
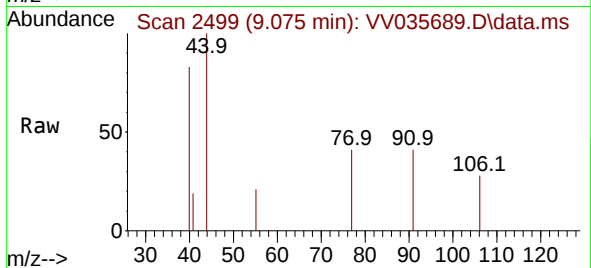
VBLK303

Tgt Ion:106 Resp: 136

Ion Ratio Lower Upper

106 100

91 149.0 142.7 264.9



#54

o-Xylene

Concen: 15.965 ug/L

RT: 9.487 min Scan# 2627

Delta R.T. 0.013 min

Lab File: VV035689.D

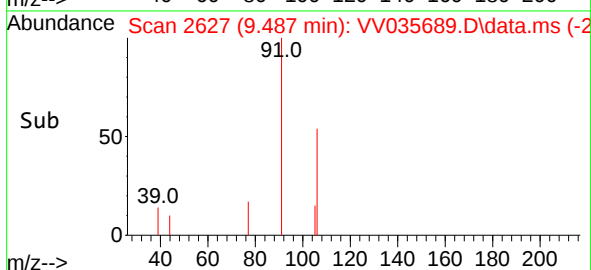
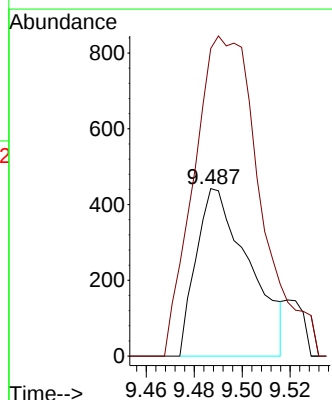
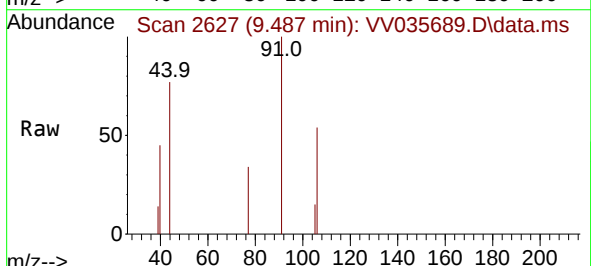
Acq: 23 May 2024 09:30

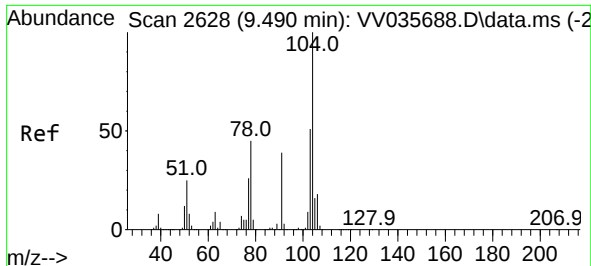
Tgt Ion:106 Resp: 677

Ion Ratio Lower Upper

106 100

91 183.7 150.9 280.3

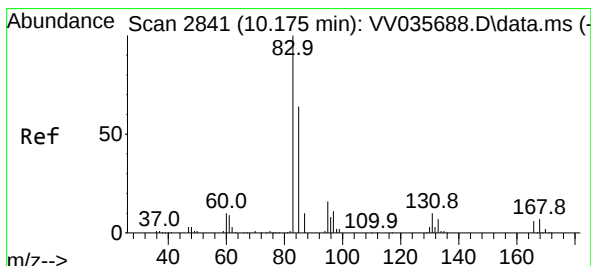
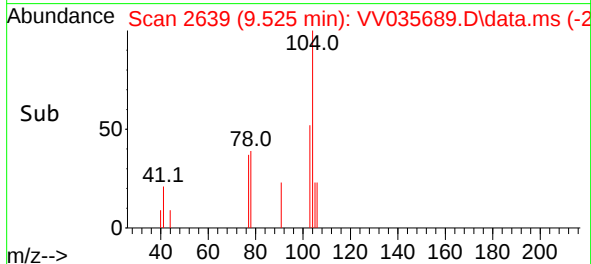
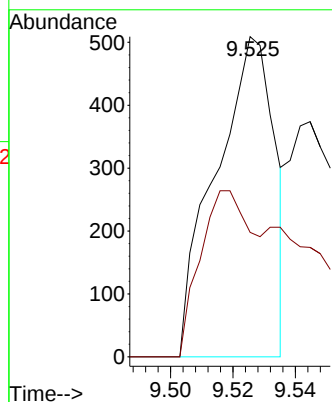
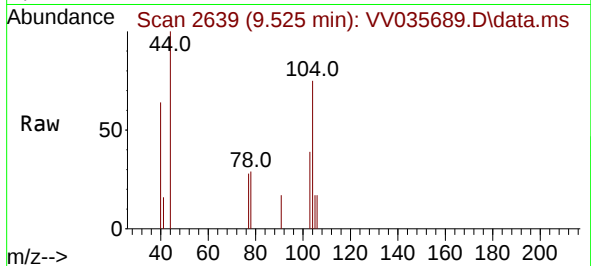




#55
Styrene
Concen: 9.018 ug/L
RT: 9.525 min Scan# 2639
Delta R.T. 0.035 min
Lab File: VV035689.D
Acq: 23 May 2024 09:30

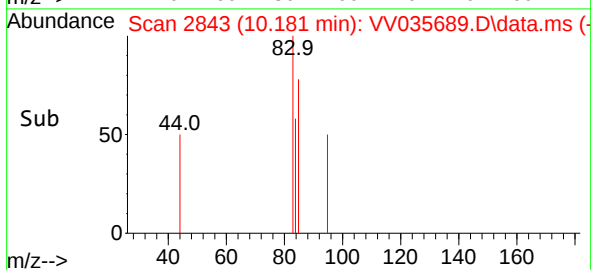
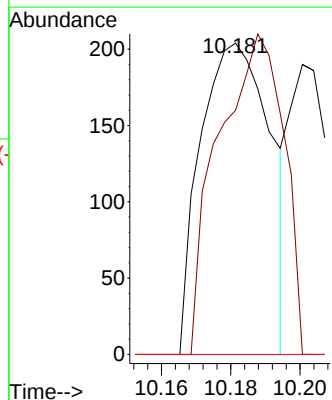
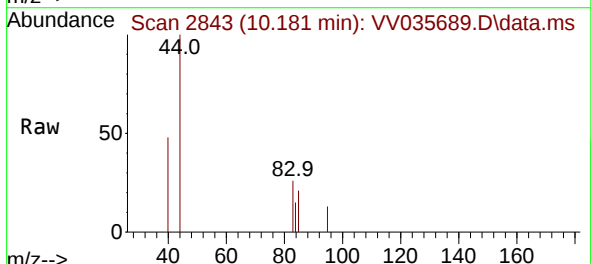
Instrument :
MSVOA_V
ClientSampleId :
VBLK303

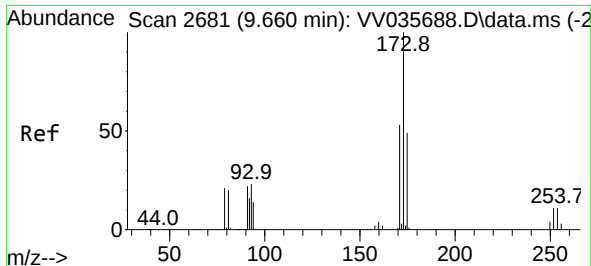
Tgt Ion:104 Resp: 667
Ion Ratio Lower Upper
104 100
78 38.9 30.0 55.6



#57
1,1,2,2-Tetrachloroethane
Concen: 10.494 ug/L
RT: 10.181 min Scan# 2843
Delta R.T. 0.006 min
Lab File: VV035689.D
Acq: 23 May 2024 09:30

Tgt Ion: 83 Resp: 286
Ion Ratio Lower Upper
83 100
85 78.4 44.7 83.1
131 0.0 8.0 12.0#





#59

Bromoform

Concen: 1.204 ug/L

RT: 9.670 min Scan# 2

Delta R.T. 0.010 min

Lab File: VV035689.D

Acq: 23 May 2024 09:30

Instrument :

MSVOA_V

ClientSampleId :

VBLK303

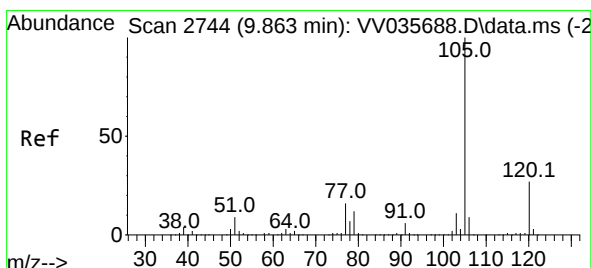
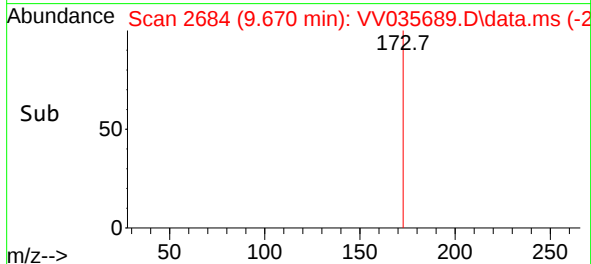
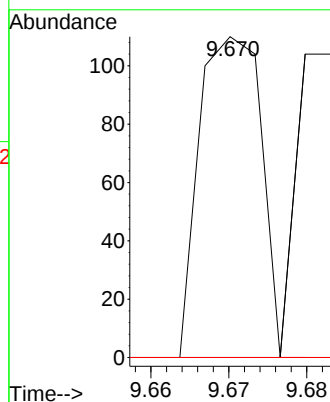
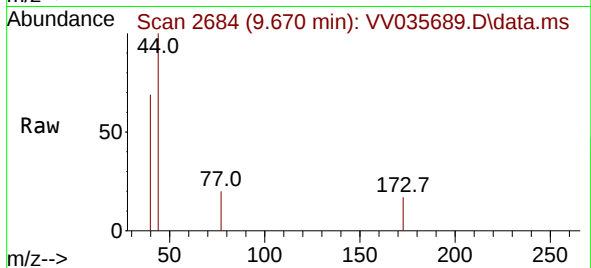
Tgt Ion:173 Resp: 61

Ion Ratio Lower Upper

173 100

175 0.0 38.7 58.1#

254 0.0 8.3 12.5#



#60

Isopropylbenzene

Concen: 6.272 ug/L

RT: 9.873 min Scan# 2747

Delta R.T. 0.010 min

Lab File: VV035689.D

Acq: 23 May 2024 09:30

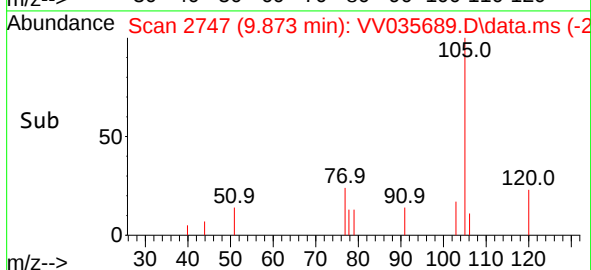
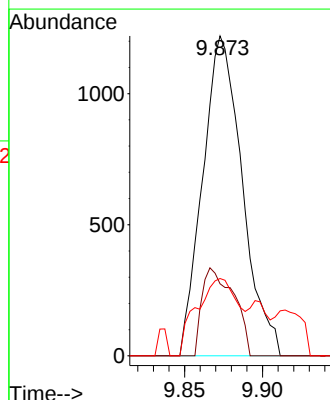
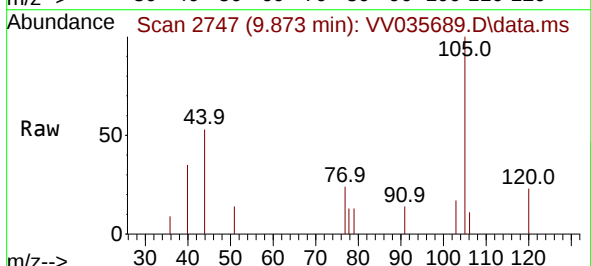
Tgt Ion:105 Resp: 2153

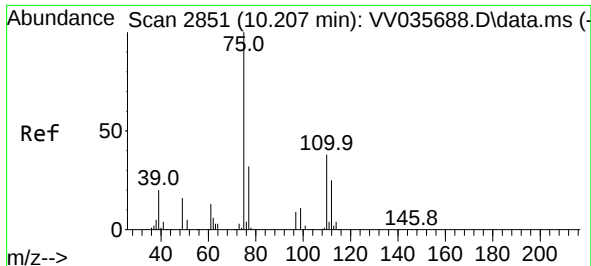
Ion Ratio Lower Upper

105 100

120 22.0 21.3 31.9

77 19.5 12.2 18.2#

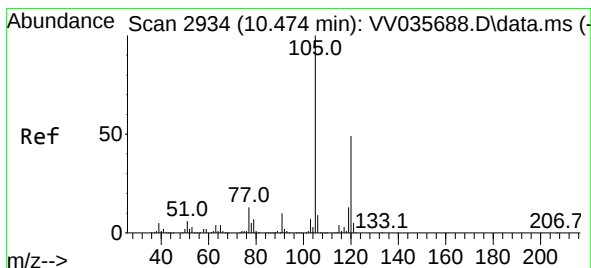
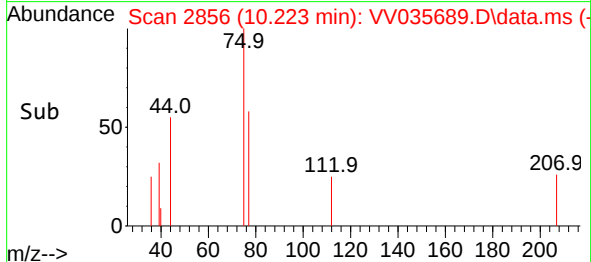
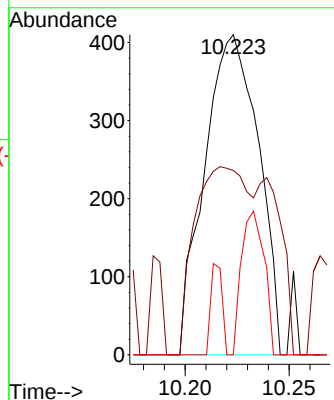
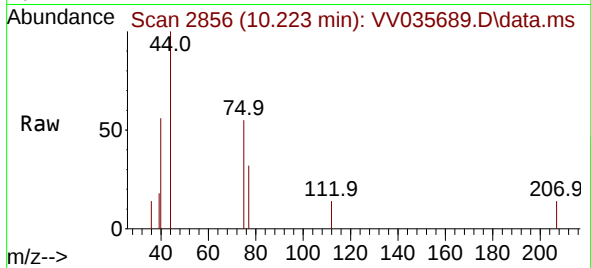




#61
 1,2,3-Trichloropropane
 Concen: 12.271 ug/L
 RT: 10.223 min Scan# 21
 Delta R.T. 0.016 min
 Lab File: VV035689.D
 Acq: 23 May 2024 09:30

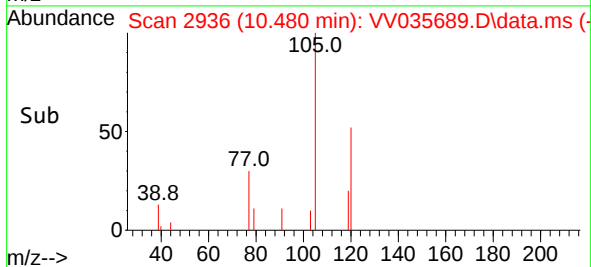
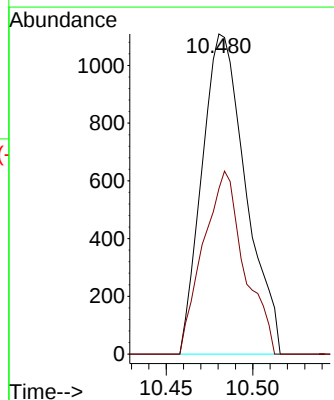
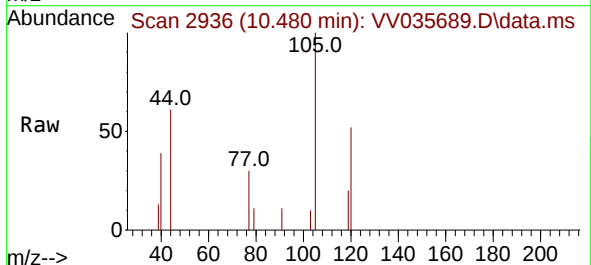
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK303

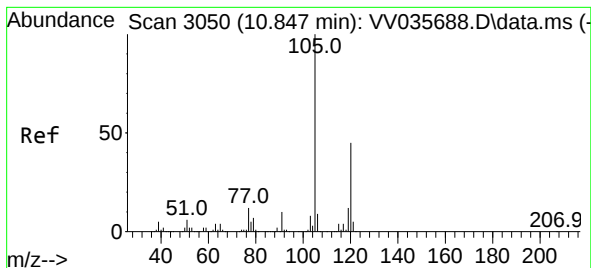
Tgt Ion: 75 Resp: 741
 Ion Ratio Lower Upper
 75 100
 77 11.7 25.7 38.5#
 110 18.9 31.8 47.8#



#62
 1,3,5-Trimethylbenzene
 Concen: 7.241 ug/L
 RT: 10.480 min Scan# 2936
 Delta R.T. 0.006 min
 Lab File: VV035689.D
 Acq: 23 May 2024 09:30

Tgt Ion: 105 Resp: 1950
 Ion Ratio Lower Upper
 105 100
 120 53.6 39.4 59.0





#63

1,2,4-Trimethylbenzene

Concen: 9.695 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. 0.013 min

Lab File: VV035689.D

Acq: 23 May 2024 09:30

Instrument :

MSVOA_V

ClientSampleId :

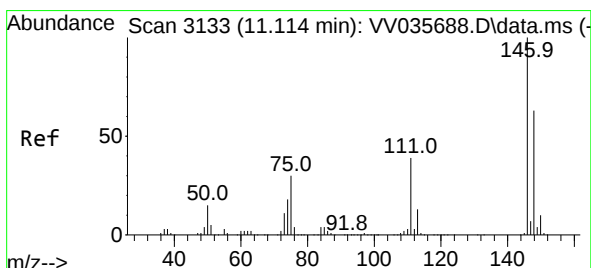
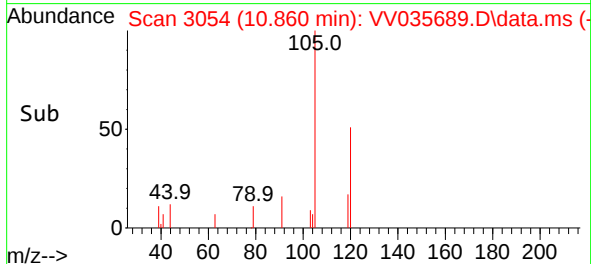
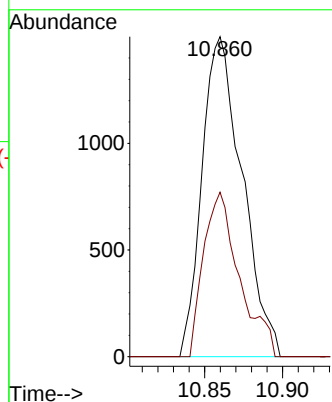
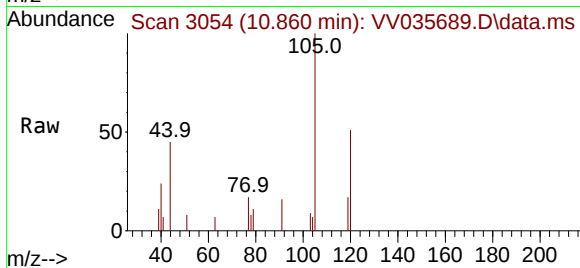
VBLK303

Tgt Ion:105 Resp: 2683

Ion Ratio Lower Upper

105 100

120 42.3 36.6 55.0



#64

1,3-Dichlorobenzene

Concen: 18.052 ug/L

RT: 11.130 min Scan# 3138

Delta R.T. 0.016 min

Lab File: VV035689.D

Acq: 23 May 2024 09:30

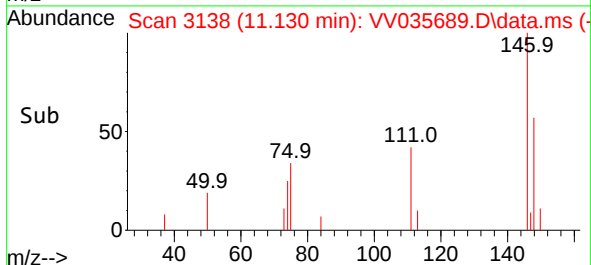
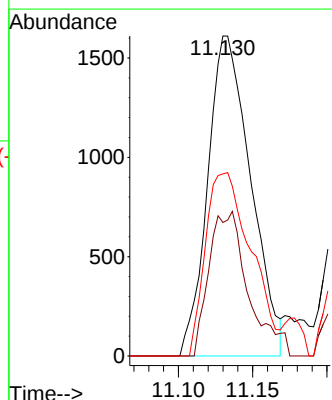
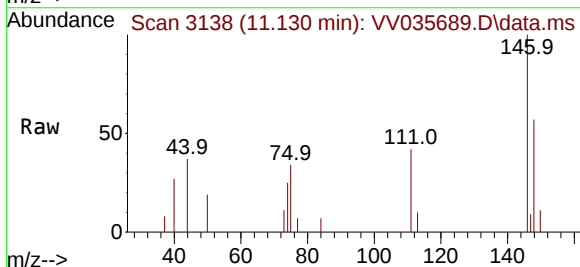
Tgt Ion:146 Resp: 3252

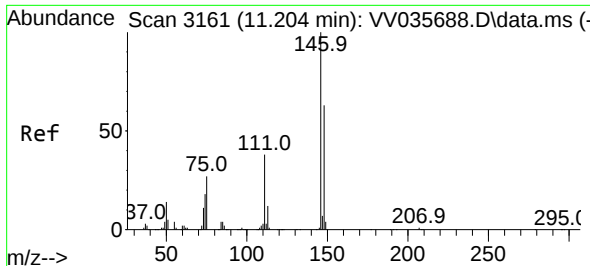
Ion Ratio Lower Upper

146 100

111 41.7 27.0 50.2

148 56.9 44.3 82.3

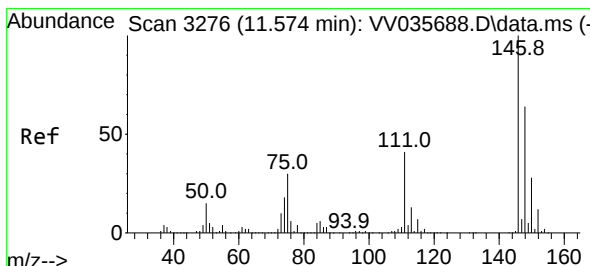
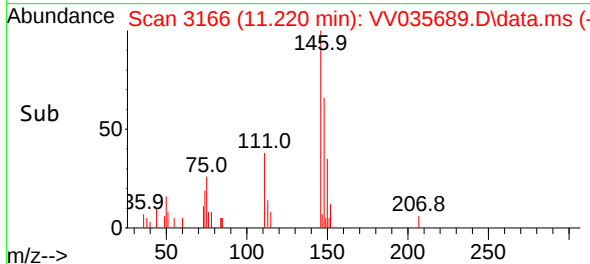
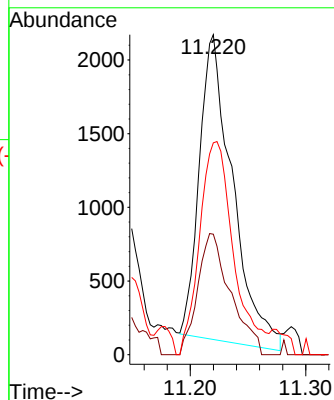
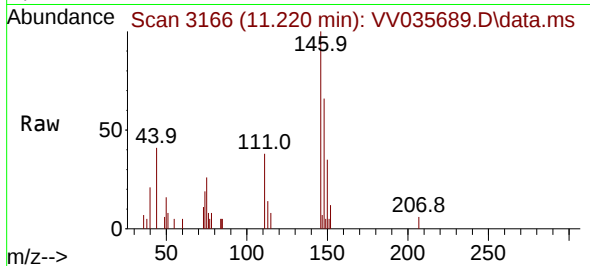




#65
1,4-Dichlorobenzene
Concen: 22.070 ug/L
RT: 11.220 min Scan# 3161
Delta R.T. 0.016 min
Lab File: VV035689.D
Acq: 23 May 2024 09:30

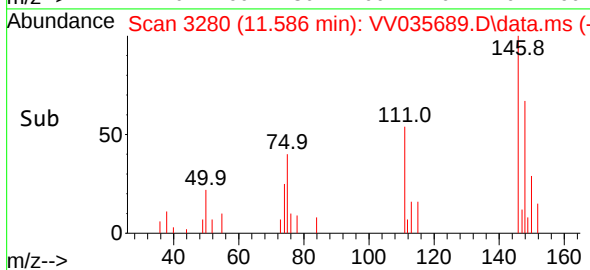
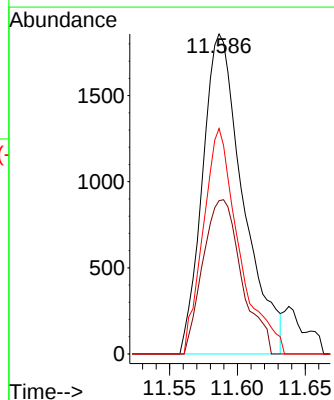
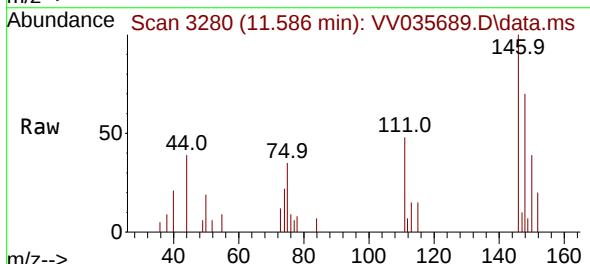
Instrument :
MSVOA_V
ClientSampleId :
VBLK303

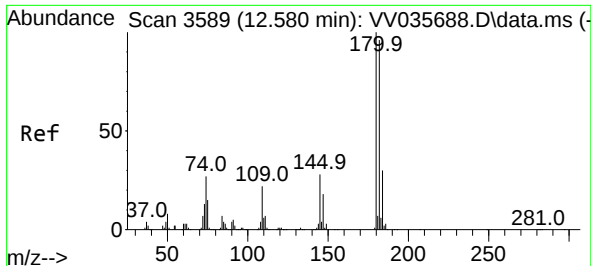
Tgt Ion:	146	Resp:	4116
Ion Ratio	Lower	Upper	
146	100		
111	37.7	26.2	48.6
148	66.2	44.9	83.3



#67
1,2-Dichlorobenzene
Concen: 22.721 ug/L
RT: 11.586 min Scan# 3280
Delta R.T. 0.013 min
Lab File: VV035689.D
Acq: 23 May 2024 09:30

Tgt Ion:	146	Resp:	3853
Ion Ratio	Lower	Upper	
146	100		
111	47.9	32.6	48.8
148	70.5	51.1	76.7

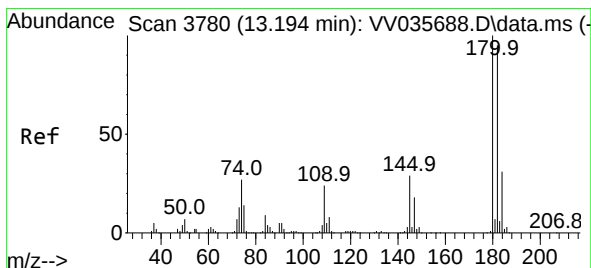
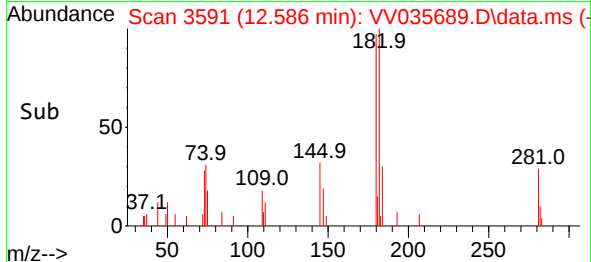
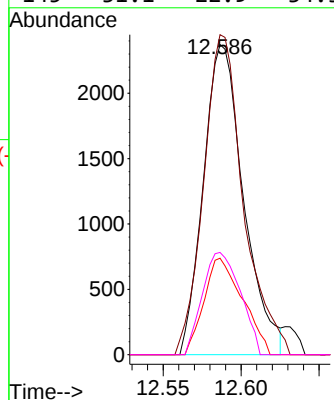
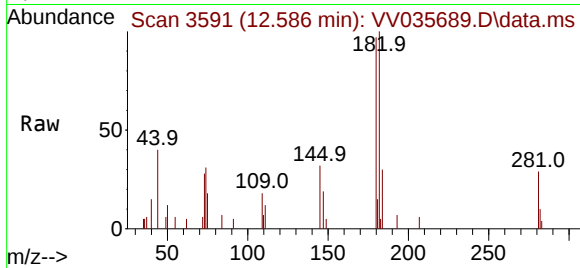




#69
 1,3,5-Trichlorobenzene
 Concen: 30.168 ug/L
 RT: 12.586 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VV035689.D
 Acq: 23 May 2024 09:30

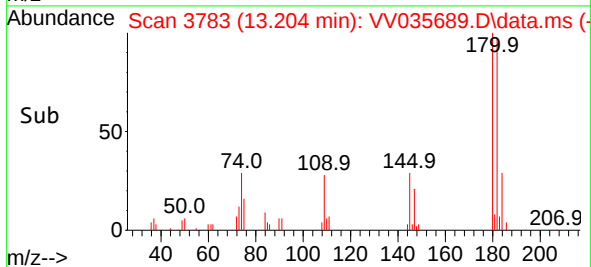
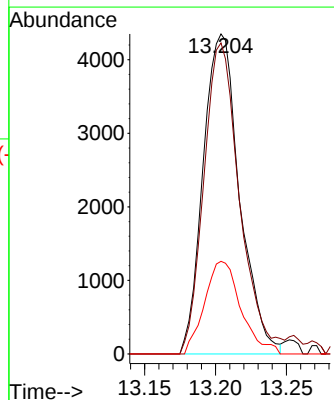
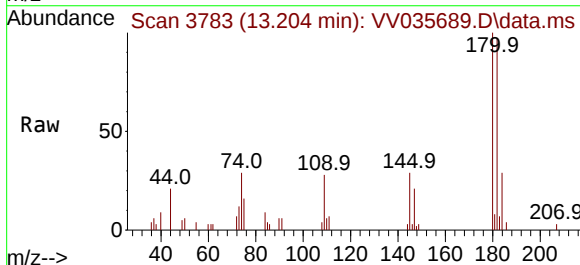
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK303

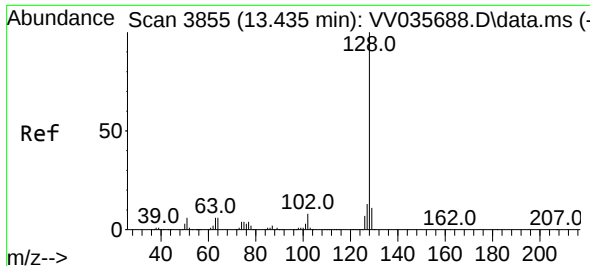
Tgt Ion:180	Resp:	4247
Ion Ratio	Lower	Upper
180	100	
182	101.9	76.2 114.2
184	29.9	24.1 36.1
145	31.1	22.9 34.3



#70
 1,2,4-trichlorobenzene
 Concen: 66.201 ug/L
 RT: 13.204 min Scan# 3783
 Delta R.T. 0.010 min
 Lab File: VV035689.D
 Acq: 23 May 2024 09:30

Tgt Ion:180	Resp:	7782
Ion Ratio	Lower	Upper
180	100	
182	93.8	76.6 114.8
145	28.3	23.2 34.8

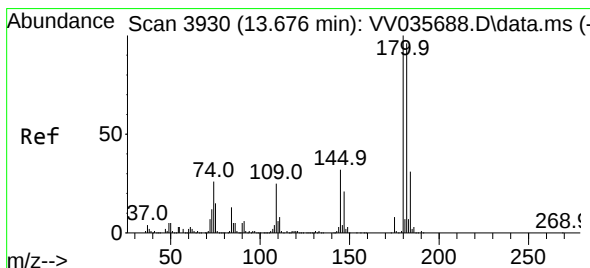
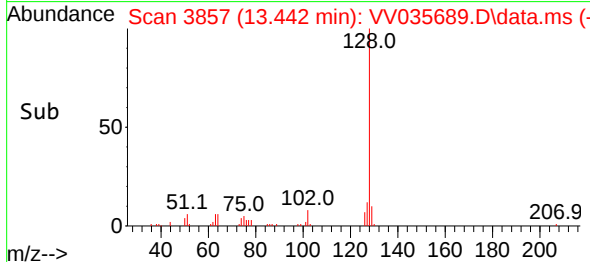
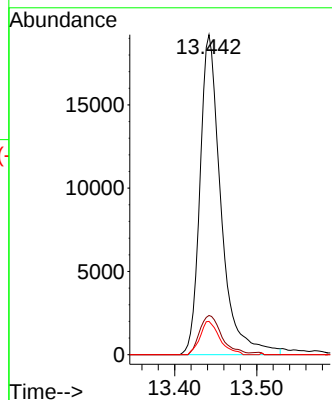
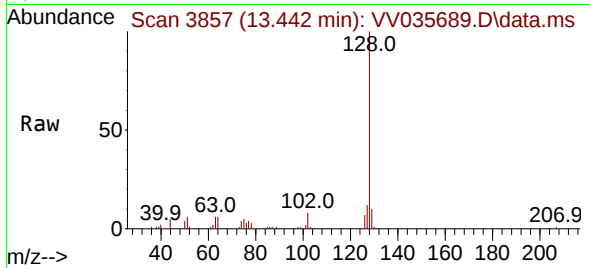




#71
Naphthalene
Concen: 165.555 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.006 min
Lab File: VV035689.D
Acq: 23 May 2024 09:30

Instrument :
MSVOA_V
ClientSampleId :
VBLK303

Tgt Ion:	128	Resp:	34165
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	9.8	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 87.329 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.006 min
Lab File: VV035689.D
Acq: 23 May 2024 09:30

Tgt Ion:	180	Resp:	9235
Ion Ratio	Lower	Upper	
180	100		
182	94.1	75.8	113.6
145	33.0	25.2	37.8

