

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050523\
 Data File : VV030991.D
 Acq On : 05 May 2023 11:37
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005342

Quant Time: May 06 01:42:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 04 05:37:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	124507	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	120634	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	72172	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	43044	4.196	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.000%
7) Chloroethane-d5	1.535	69	38068	4.549	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.063	65	24242	4.465	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	3.834	46	96725	53.173	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.340%
24) Chloroform-d	4.259	84	100741	4.942	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	4.950	65	51571	4.976	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	4.969	84	166004	4.695	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	5.995	67	47528	4.622	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.249	98	154420	4.586	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	7.561	79	19041	4.940	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.800%
46) 2-Hexanone-d5	8.037	63	69020	51.112	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.220%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	40093	5.380	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.600%
66) 1,2-Dichlorobenzene-d4	11.567	152	64385	4.786	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	48683	4.949	ug/L	100
3) Chloromethane	1.217	50	52864	4.580	ug/L	95
5) Vinyl chloride	1.285	62	48692	5.040	ug/L	99
6) Bromomethane	1.490	94	23181	5.038	ug/L	98
8) Chloroethane	1.551	64	29458	5.010	ug/L	98
9) Trichlorofluoromethane	1.715	101	93684	5.256	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	49679	5.460	ug/L	99
12) 1,1-Dichloroethene	2.072	96	44717	5.337	ug/L	90
13) Acetone	2.159	43	74482	47.935	ug/L	86
14) Carbon disulfide	2.246	76	100358	4.578	ug/L	98
15) Methyl Acetate	2.394	43	12686	4.013	ug/L #	83
16) Methylene chloride	2.452	84	51475	5.431	ug/L	96
17) Methyl tert-butyl Ether	2.712	73	85243	5.344	ug/L	97
18) trans-1,2-Dichloroethene	2.699	96	38661	5.051	ug/L	93
19) 1,1-Dichloroethane	3.117	63	78141	5.287	ug/L	99
21) 2-Butanone	3.918	43	82515	48.286	ug/L	96
22) cis-1,2-Dichloroethene	3.825	96	41201	5.102	ug/L	99
23) Bromochloromethane	4.159	128	19757	5.196	ug/L	98
25) Chloroform	4.284	83	88559	5.585	ug/L	99

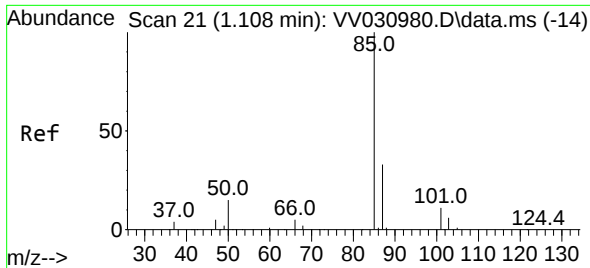
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 Data File : VW030991.D
 Acq On : 05 May 2023 11:37
 Operator : SY/MD
 Sample : VSTDCCC005
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTD005342

Quant Time: May 06 01:42:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 04 05:37:14 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	56588	5.686	ug/L	99
29) 1,1,1-Trichloroethane	4.519	97	84092	5.548	ug/L	99
30) Cyclohexane	4.587	56	56123	4.902	ug/L	98
31) Carbon tetrachloride	4.744	117	77188	5.669	ug/L	97
33) Benzene	5.018	78	167611	5.523	ug/L	100
34) Trichloroethene	5.841	95	42337	5.234	ug/L	96
35) Methylcyclohexane	6.056	83	62818	5.011	ug/L	98
37) 1,2-Dichloropropane	6.101	63	36958	5.135	ug/L #	96
38) Bromodichloromethane	6.439	83	58891	5.590	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	58776	5.452	ug/L	98
40) 4-Methyl-2-pentanone	7.169	43	204486	54.834	ug/L	98
42) Toluene	7.323	91	187218	5.731	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	50746	5.525	ug/L	100
45) 1,1,2-Trichloroethane	7.776	97	29399	5.505	ug/L	98
47) Tetrachloroethene	7.911	164	41604	5.392	ug/L	98
48) 2-Hexanone	8.085	43	160698	56.183	ug/L	98
49) Dibromochloromethane	8.185	129	39054	5.813	ug/L	97
50) 1,2-Dibromoethane	8.288	107	25625	5.380	ug/L	98
51) Chlorobenzene	8.821	112	121534	5.487	ug/L	97
52) Ethylbenzene	8.953	91	193581	5.435	ug/L	96
53) m,p-Xylene	9.079	106	78994	5.558	ug/L	95
54) o-Xylene	9.484	106	76273	5.639	ug/L	93
55) Styrene	9.503	104	127883	5.603	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.188	83	33634	5.634	ug/L #	98
59) Bromoform	9.673	173	24457	5.757	ug/L	98
60) Isopropylbenzene	9.873	105	203887	5.240	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	22863	5.043	ug/L	97
62) 1,3,5-Trimethylbenzene	10.484	105	163524	5.162	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	163527	5.095	ug/L	99
64) 1,3-Dichlorobenzene	11.123	146	107965	5.403	ug/L	97
65) 1,4-Dichlorobenzene	11.217	146	106654	5.290	ug/L	96
67) 1,2-Dichlorobenzene	11.586	146	96086	5.347	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.374	75	5853	5.086	ug/L	94
69) 1,3,5-Trichlorobenzene	12.590	180	84915	5.366	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	66433	5.464	ug/L	98
71) Naphthalene	13.448	128	80202	4.600	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	54955	5.339	ug/L	97

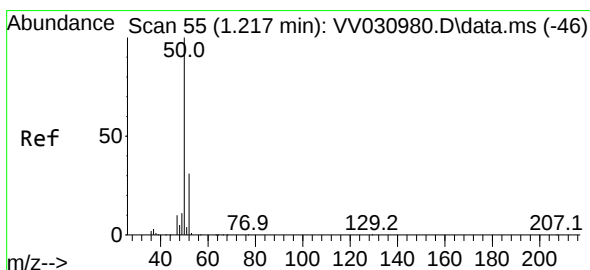
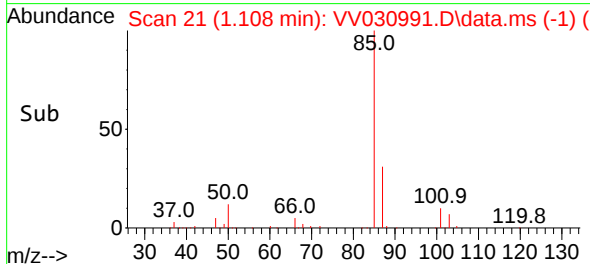
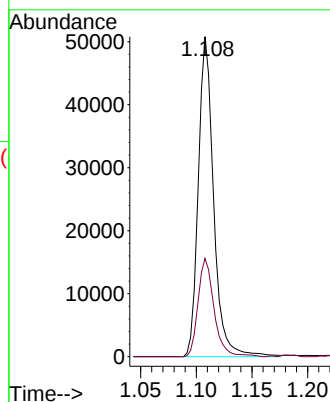
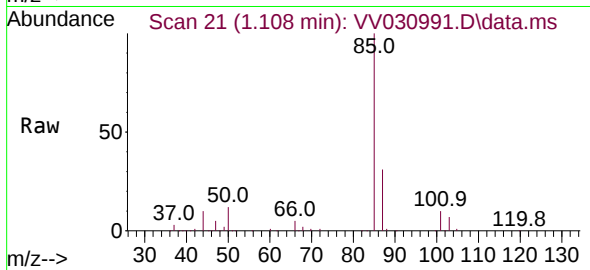
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.949 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV030991.D
 Acq: 05 May 2023 11:37

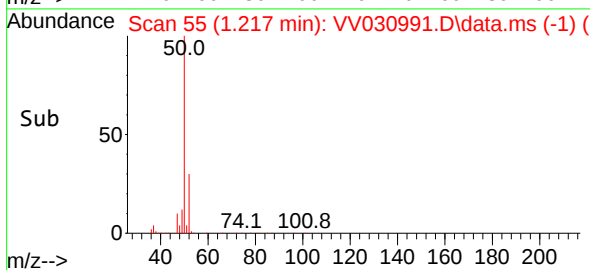
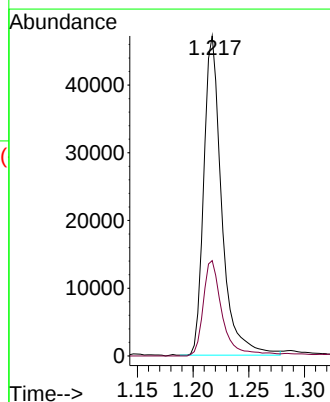
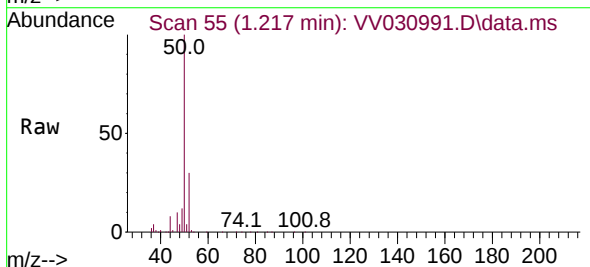
Instrument :
 MSVOA_V
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 VSTD005342

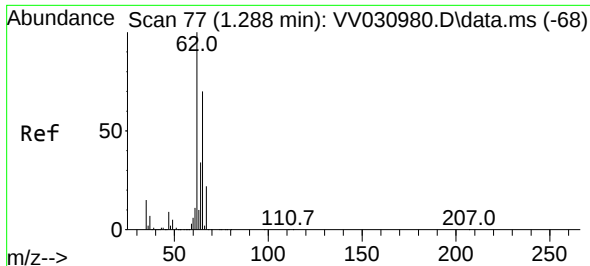
Tgt Ion: 85 Resp: 48683
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.8 38.6



#3
 Chloromethane
 Concen: 4.580 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV030991.D
 Acq: 05 May 2023 11:37

Tgt Ion: 50 Resp: 52864
 Ion Ratio Lower Upper
 50 100
 52 29.8 22.8 42.4

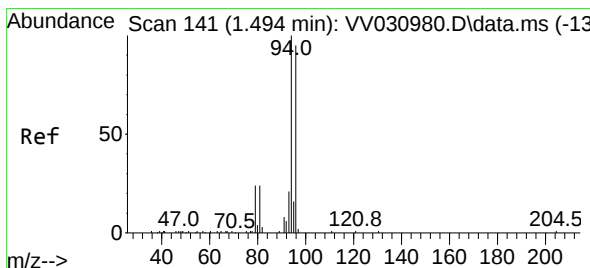
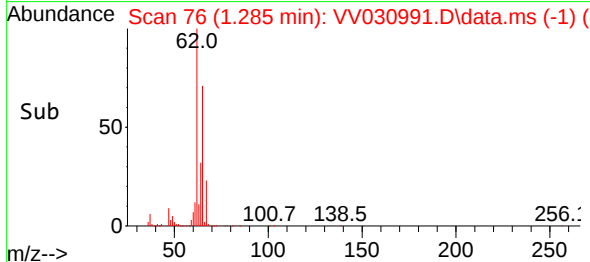
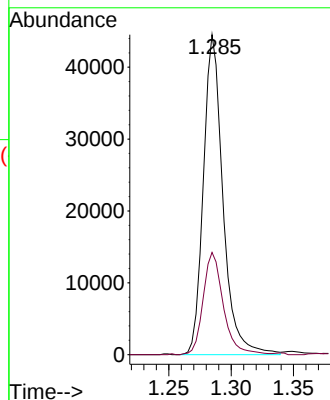
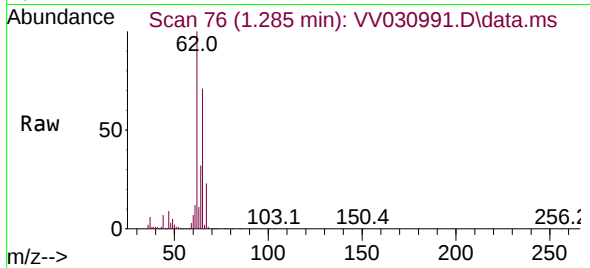




#5
 Vinyl chloride
 Concen: 5.040 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VV030991.D
 Acq: 05 May 2023 11:37

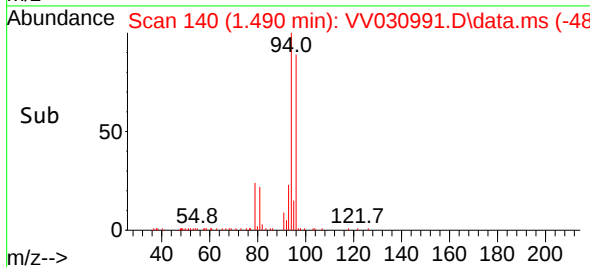
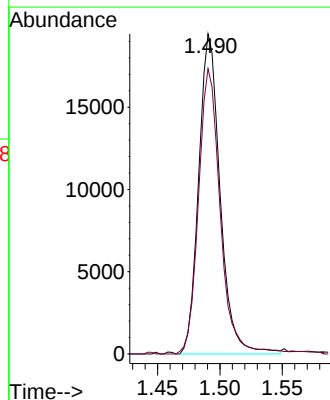
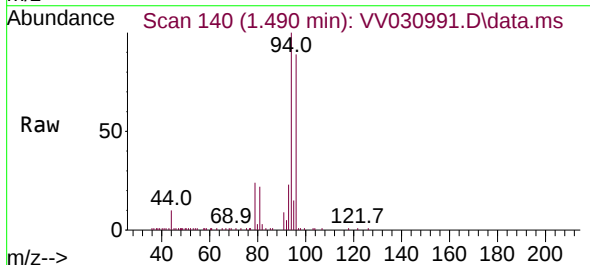
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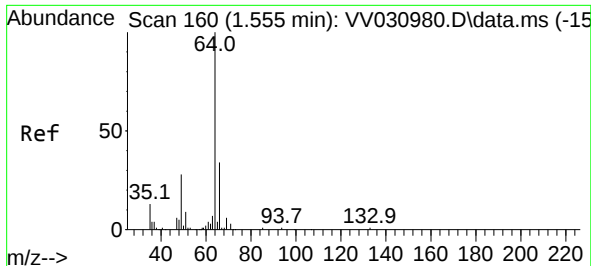
Tgt Ion: 62 Resp: 48692
 Ion Ratio Lower Upper
 62 100
 64 32.0 22.8 42.4



#6
 Bromomethane
 Concen: 5.038 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. -0.003 min
 Lab File: VV030991.D
 Acq: 05 May 2023 11:37

Tgt Ion: 94 Resp: 23181
 Ion Ratio Lower Upper
 94 100
 96 89.1 63.4 117.8

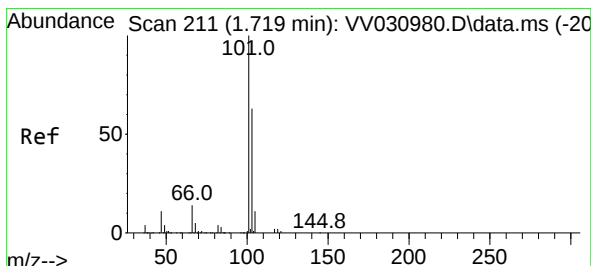
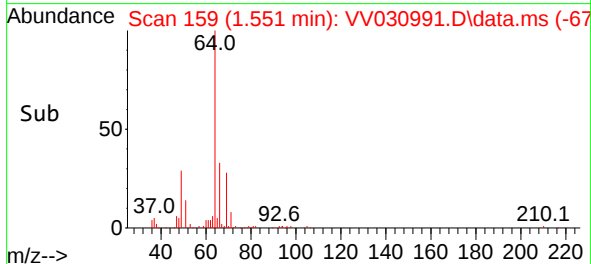
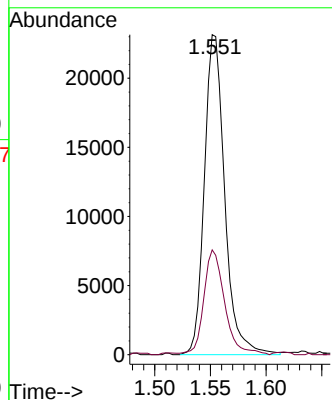
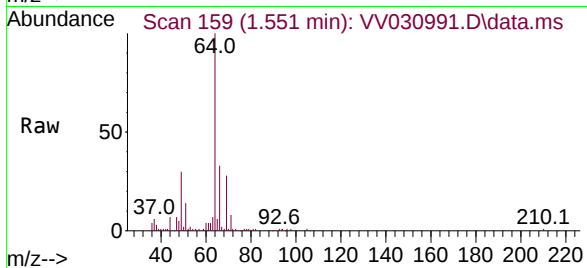




#8
Chloroethane
Concen: 5.010 ug/L
RT: 1.551 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV030991.D
Acq: 05 May 2023 11:37

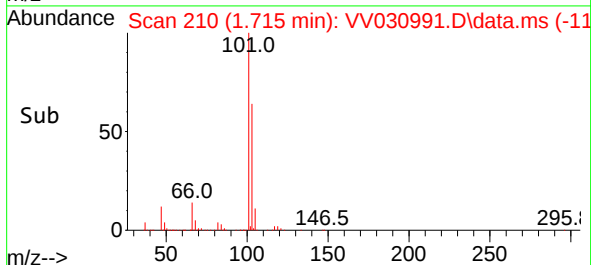
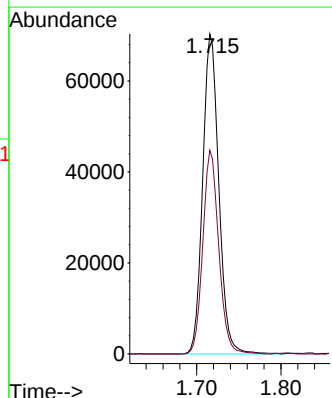
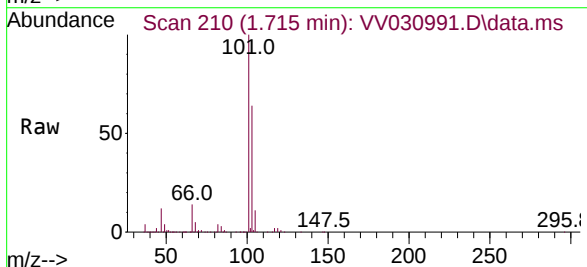
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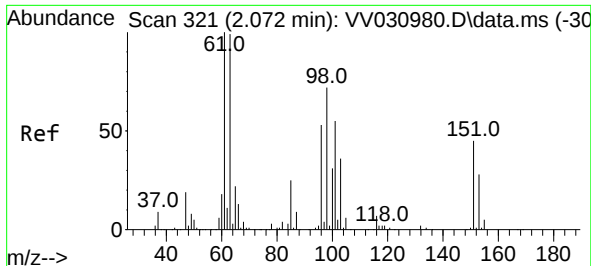
Tgt Ion: 64 Resp: 29458
Ion Ratio Lower Upper
64 100
66 32.7 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.256 ug/L
RT: 1.715 min Scan# 210
Delta R.T. -0.003 min
Lab File: VV030991.D
Acq: 05 May 2023 11:37

Tgt Ion:101 Resp: 93684
Ion Ratio Lower Upper
101 100
103 63.0 51.8 77.8

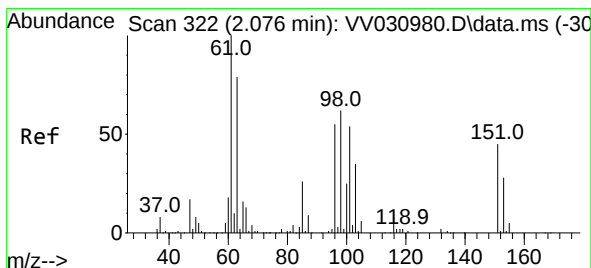
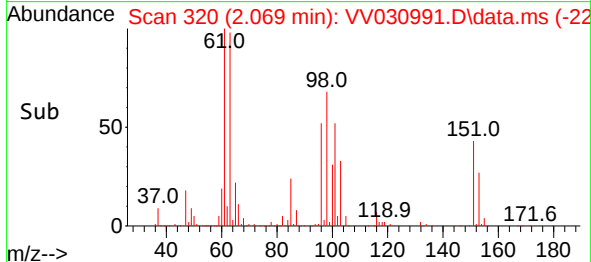
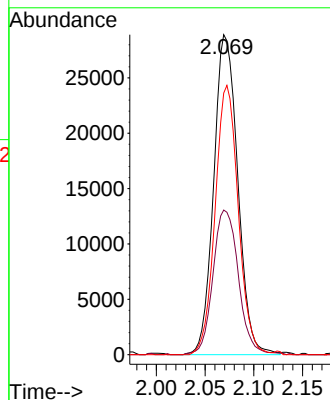
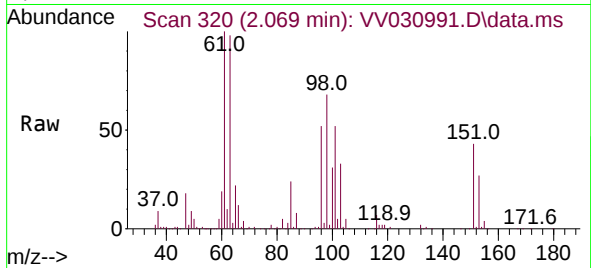




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.460 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV030991.D
 Acq: 05 May 2023 11:37

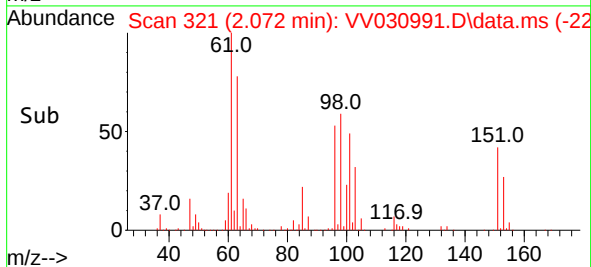
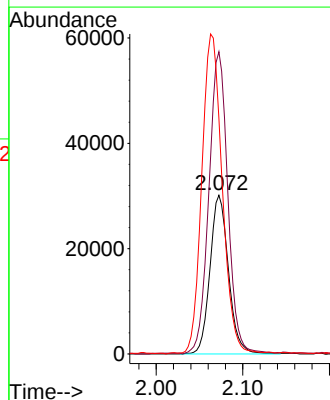
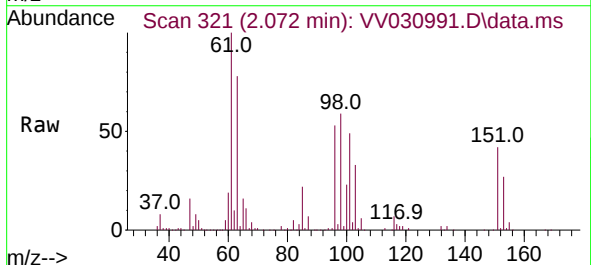
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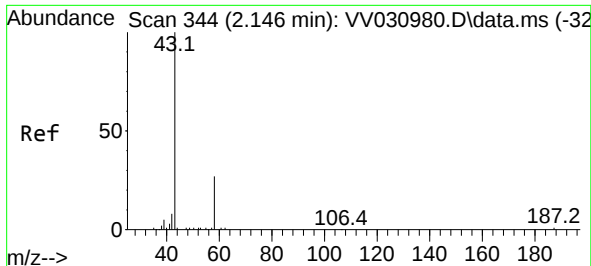
Tgt Ion:101 Resp: 49679
 Ion Ratio Lower Upper
 101 100
 85 47.8 38.7 58.1
 151 81.0 65.1 97.7



#12
 1,1-Dichloroethene
 Concen: 5.337 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. -0.003 min
 Lab File: VV030991.D
 Acq: 05 May 2023 11:37

Tgt Ion: 96 Resp: 44717
 Ion Ratio Lower Upper
 96 100
 61 190.3 135.6 251.8
 63 148.2 121.1 224.9





#13

Acetone

Concen: 47.935 ug/L

RT: 2.159 min Scan# 344

Delta R.T. 0.013 min

Lab File: VV030991.D

Acq: 05 May 2023 11:37

Instrument :

MSVOA_V

ClientSampleId :

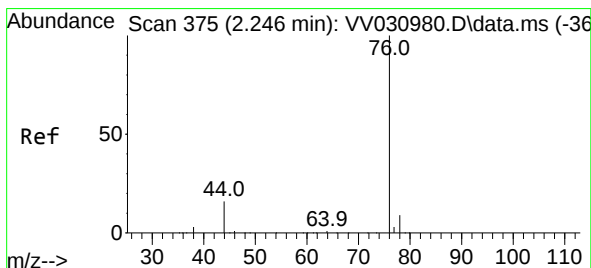
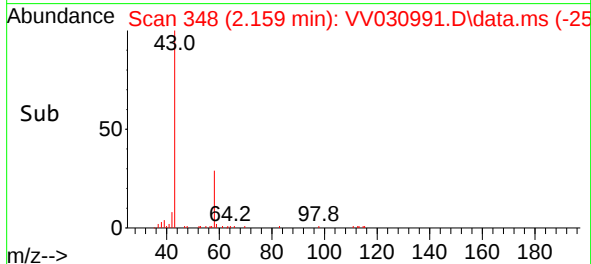
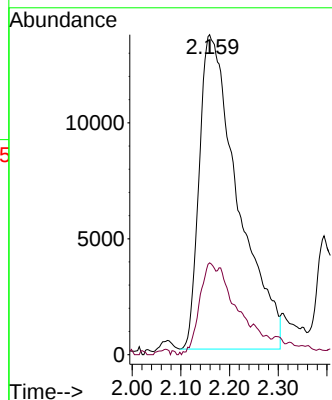
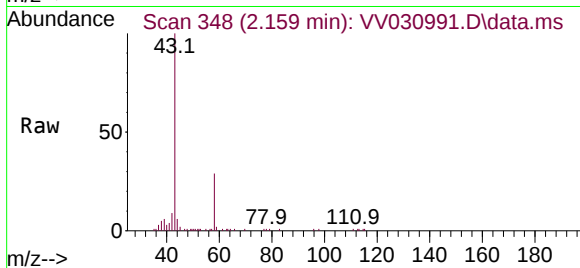
VSTD005342

Tgt Ion: 43 Resp: 74482

Ion Ratio Lower Upper

43 100

58 12.1 0.0 37.0



#14

Carbon disulfide

Concen: 4.578 ug/L

RT: 2.246 min Scan# 375

Delta R.T. -0.000 min

Lab File: VV030991.D

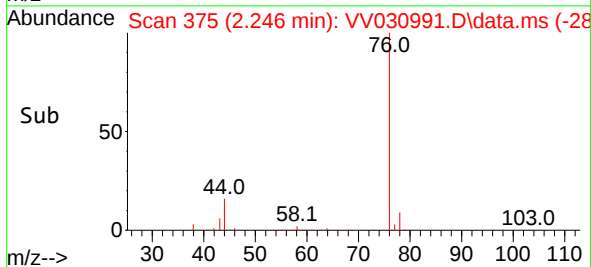
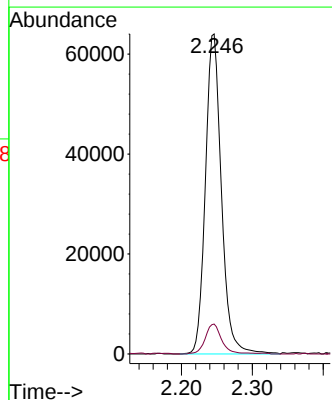
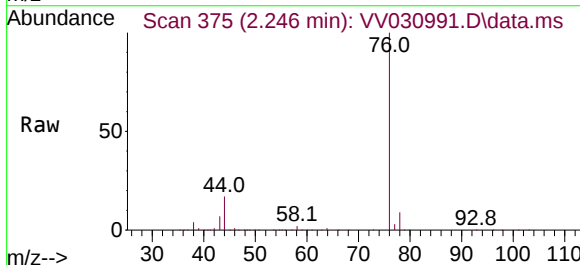
Acq: 05 May 2023 11:37

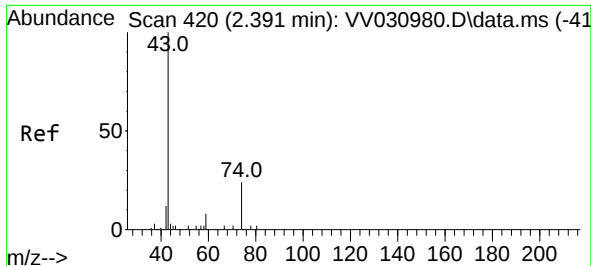
Tgt Ion: 76 Resp: 100358

Ion Ratio Lower Upper

76 100

78 9.4 6.8 10.2

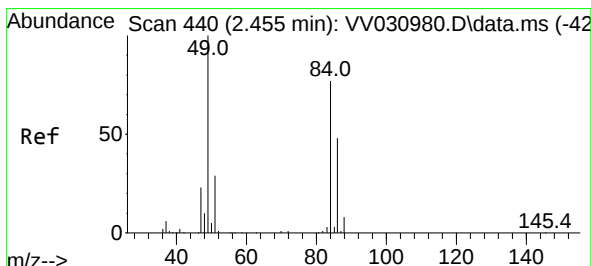
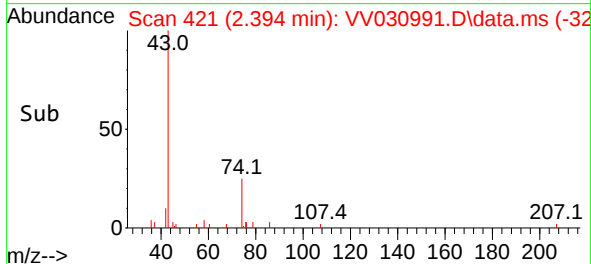
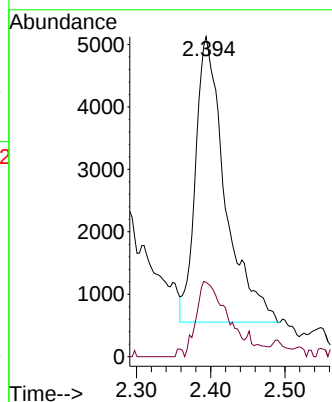
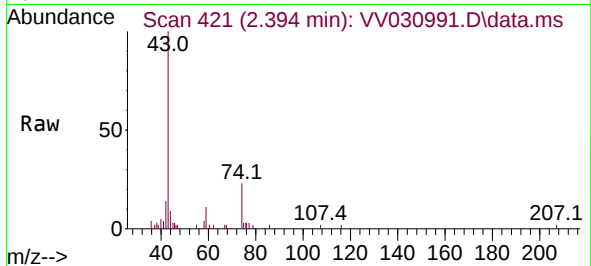




#15
Methyl Acetate
Concen: 4.013 ug/L
RT: 2.394 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV030991.D
Acq: 05 May 2023 11:37

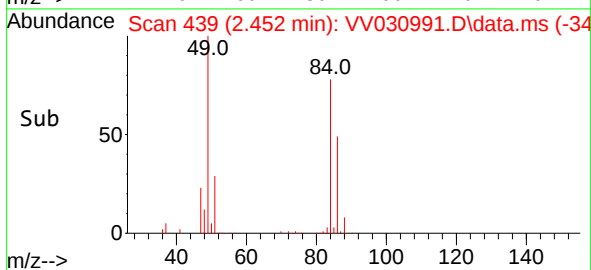
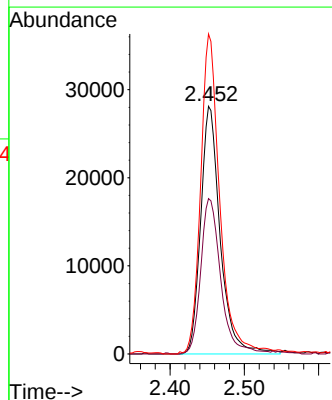
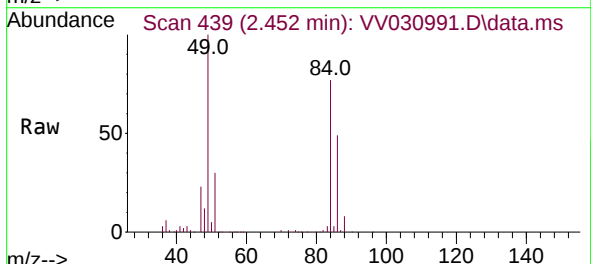
Instrument :
MSVOA_V
ClientSampleId :
VSTD005342

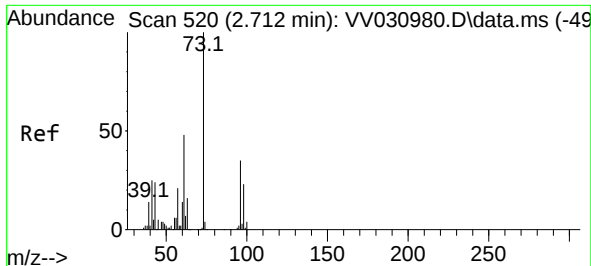
Tgt Ion: 43 Resp: 12686
Ion Ratio Lower Upper
43 100
74 26.6 15.0 22.6#



#16
Methylene chloride
Concen: 5.431 ug/L
RT: 2.452 min Scan# 439
Delta R.T. -0.003 min
Lab File: VV030991.D
Acq: 05 May 2023 11:37

Tgt Ion: 84 Resp: 51475
Ion Ratio Lower Upper
84 100
86 62.7 46.1 85.5
49 129.2 94.3 175.1

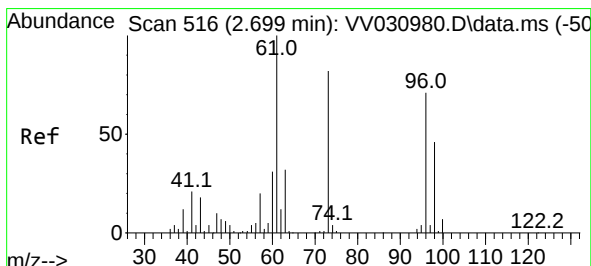
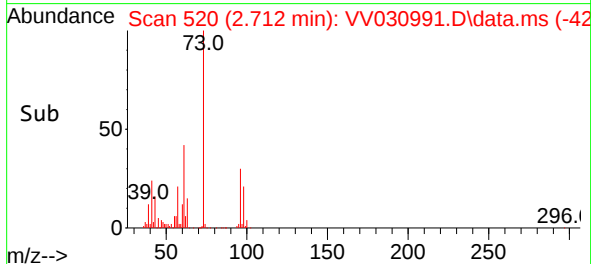
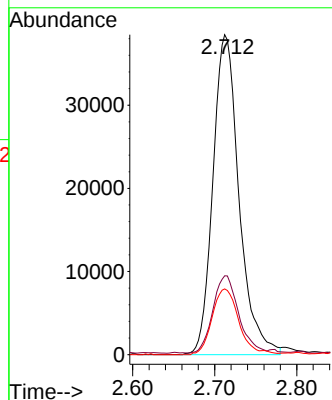
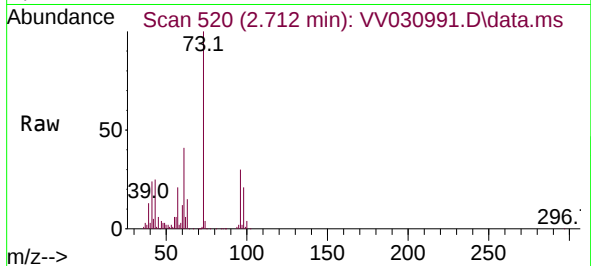




#17
Methyl tert-butyl Ether
Concen: 5.344 ug/L
RT: 2.712 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV030991.D
Acq: 05 May 2023 11:37

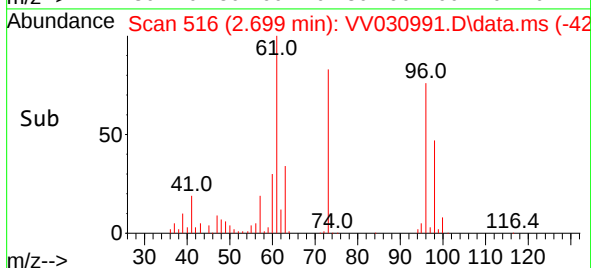
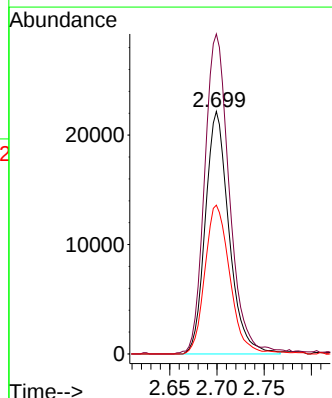
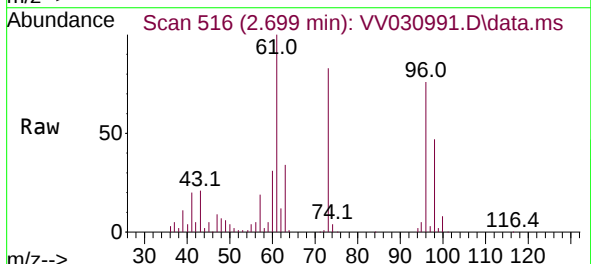
Instrument :
MSVOA_V
ClientSampleId :
VSTD005342

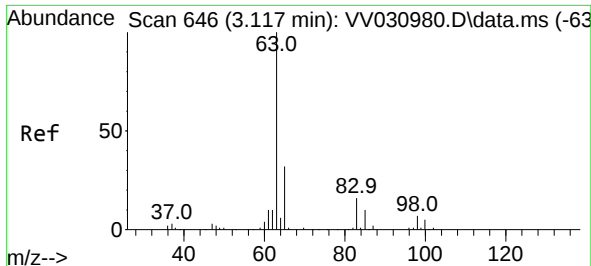
Tgt Ion: 73	Resp: 85243
Ion Ratio	Lower Upper
73 100	
43 23.8	19.9 29.9
57 21.1	18.2 27.4



#18
trans-1,2-Dichloroethene
Concen: 5.051 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV030991.D
Acq: 05 May 2023 11:37

Tgt Ion: 96	Resp: 38661
Ion Ratio	Lower Upper
96 100	
61 131.9	98.9 183.7
98 61.4	46.0 85.4

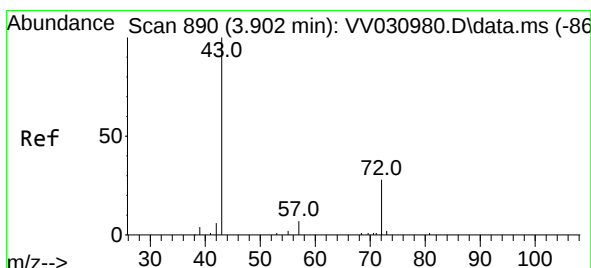
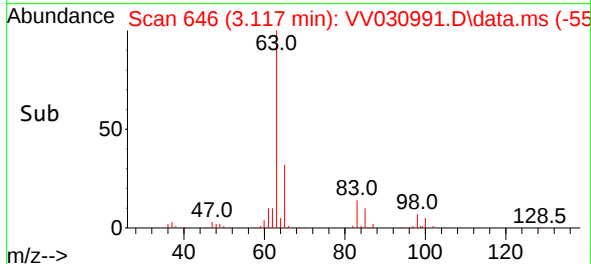
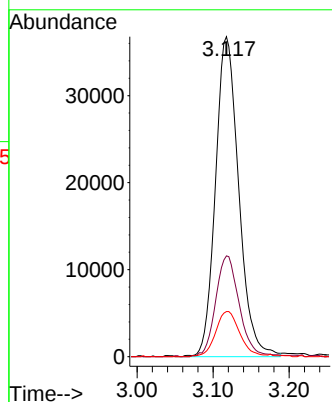
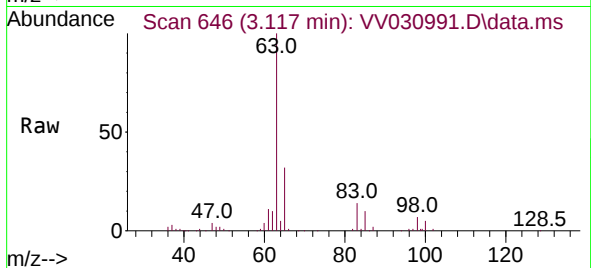




#19
1,1-Dichloroethane
Concen: 5.287 ug/L
RT: 3.117 min Scan# 646
Delta R.T. -0.000 min
Lab File: VV030991.D
Acq: 05 May 2023 11:37

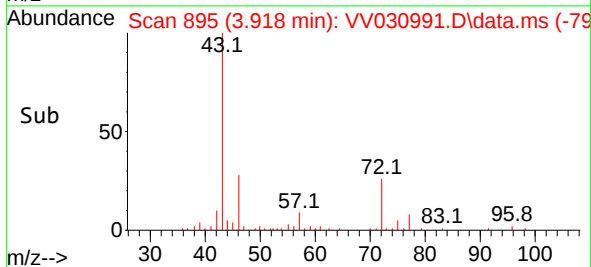
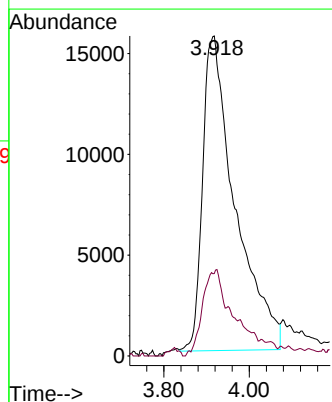
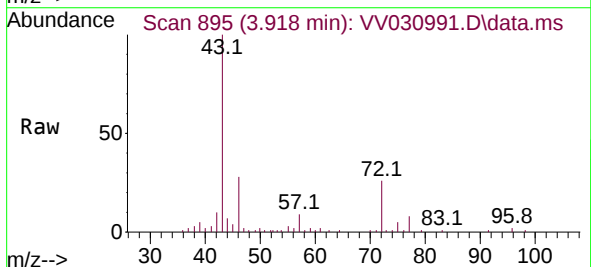
Instrument :
MSVOA_V
ClientSampleId :
VSTD005342

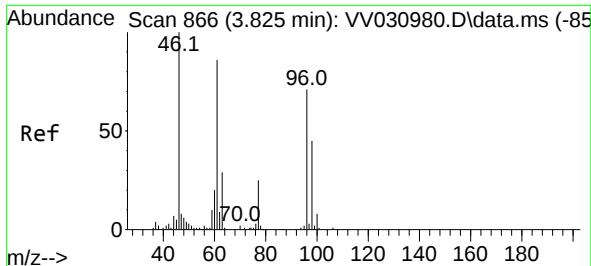
Tgt Ion:	63	Resp:	78141
Ion	Ratio	Lower	Upper
63	100		
65	31.5	21.8	40.6
83	14.1	10.2	19.0



#21
2-Butanone
Concen: 48.286 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.016 min
Lab File: VV030991.D
Acq: 05 May 2023 11:37

Tgt Ion:	43	Resp:	82515
Ion	Ratio	Lower	Upper
43	100		
72	21.0	9.6	28.6



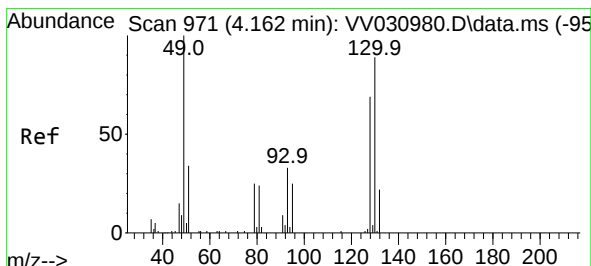
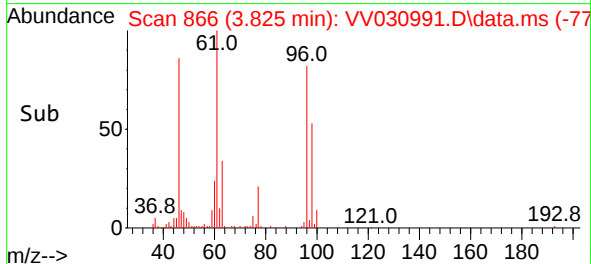
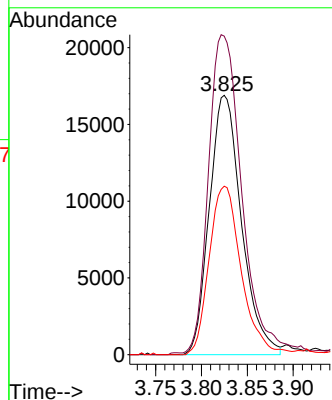
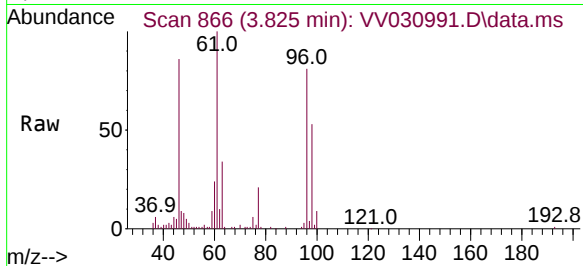


#22
 cis-1,2-Dichloroethene
 Concen: 5.102 ug/L
 RT: 3.825 min Scan# 866
 Delta R.T. -0.000 min
 Lab File: VV030991.D
 Acq: 05 May 2023 11:37

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005342

Tgt Ion: 96 Resp: 41201

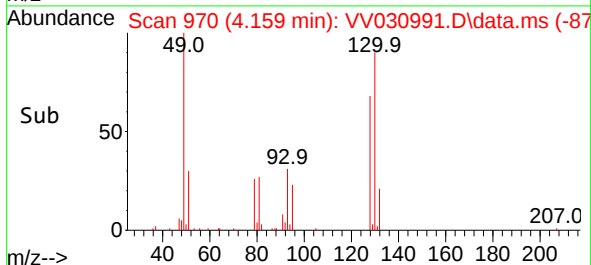
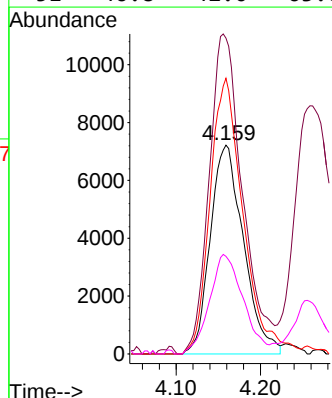
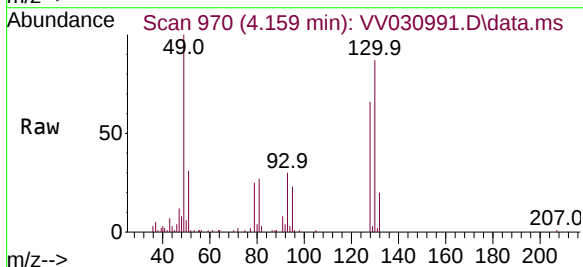
Ion	Ratio	Lower	Upper
96	100		
61	122.8	86.0	159.6
98	65.0	43.2	80.2

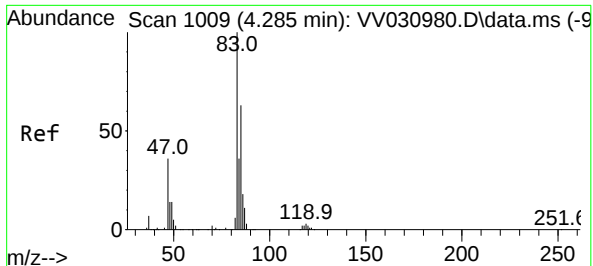


#23
 Bromochloromethane
 Concen: 5.196 ug/L
 RT: 4.159 min Scan# 970
 Delta R.T. -0.003 min
 Lab File: VV030991.D
 Acq: 05 May 2023 11:37

Tgt Ion: 128 Resp: 19757

Ion	Ratio	Lower	Upper
128	100		
49	151.3	104.7	194.5
130	132.0	93.4	173.4
51	46.8	42.0	63.0

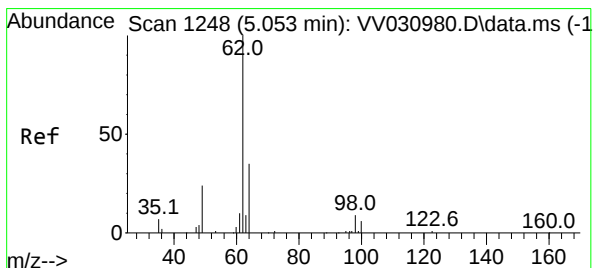
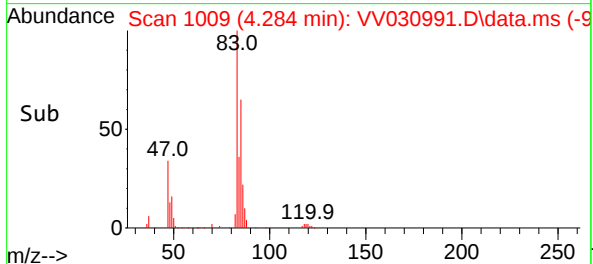
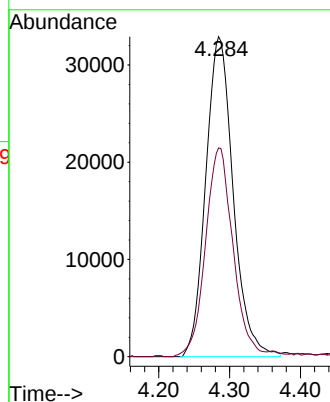
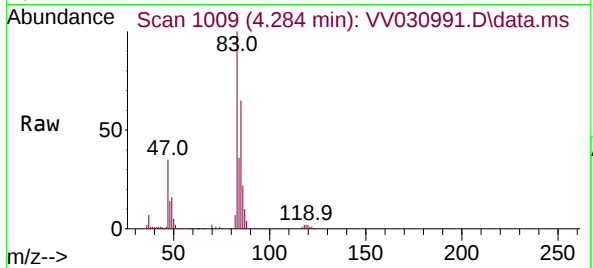




#25
Chloroform
Concen: 5.585 ug/L
RT: 4.284 min Scan# 1009
Delta R.T. -0.000 min
Lab File: VV030991.D
Acq: 05 May 2023 11:37

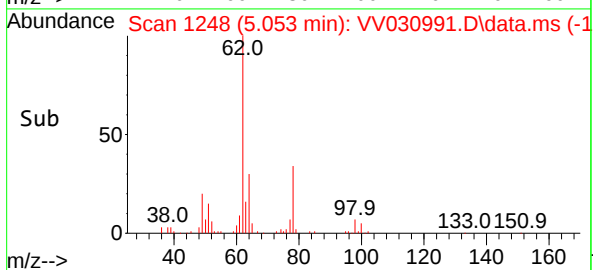
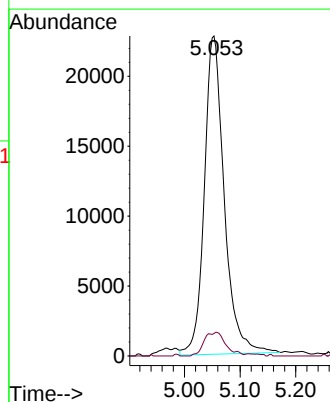
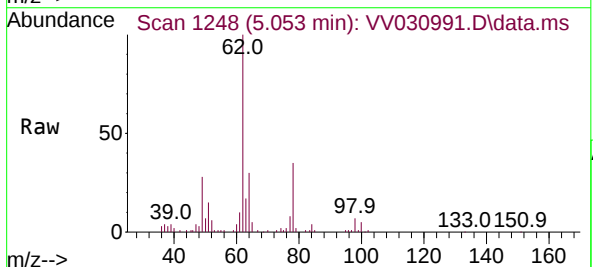
Instrument :
MSVOA_V
ClientSampleId :
VSTD005342

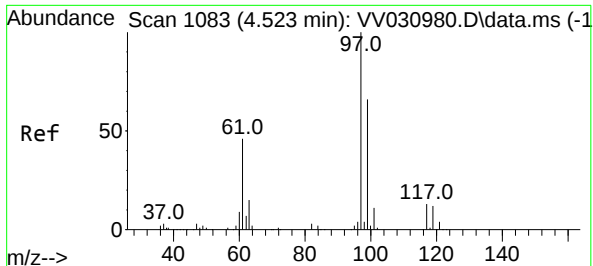
Tgt Ion: 83 Resp: 88559
Ion Ratio Lower Upper
83 100
85 65.2 46.4 86.2



#27
1,2-Dichloroethane
Concen: 5.686 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VV030991.D
Acq: 05 May 2023 11:37

Tgt Ion: 62 Resp: 56588
Ion Ratio Lower Upper
62 100
98 7.0 6.0 9.0





#29

1,1,1-Trichloroethane

Concen: 5.548 ug/L

RT: 4.519 min Scan# 1103

Delta R.T. -0.003 min

Lab File: VV030991.D

Acq: 05 May 2023 11:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD005342

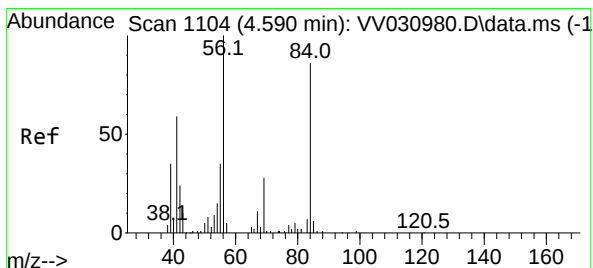
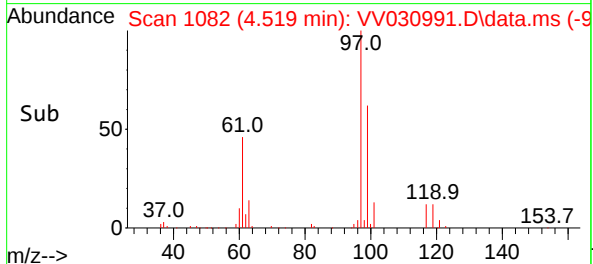
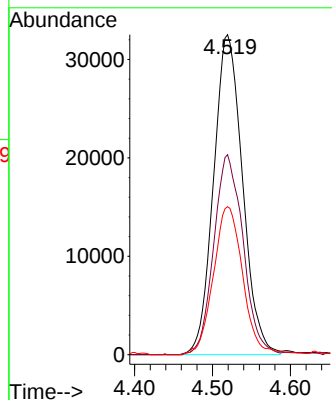
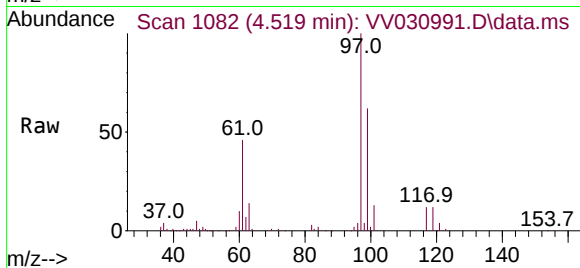
Tgt Ion: 97 Resp: 84092

Ion Ratio Lower Upper

97 100

99 63.1 51.4 77.2

61 47.1 37.4 56.0



#30

Cyclohexane

Concen: 4.902 ug/L

RT: 4.587 min Scan# 1103

Delta R.T. -0.003 min

Lab File: VV030991.D

Acq: 05 May 2023 11:37

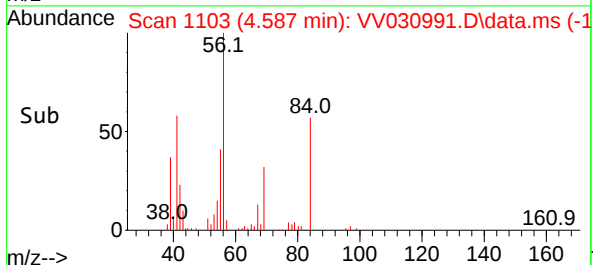
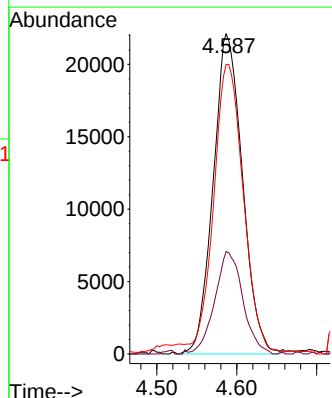
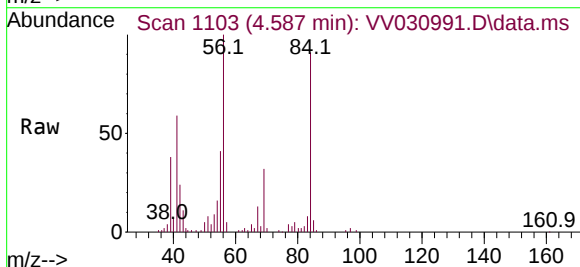
Tgt Ion: 56 Resp: 56123

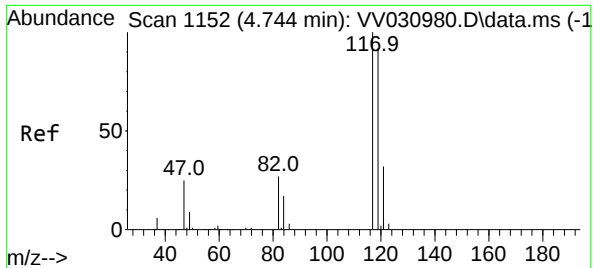
Ion Ratio Lower Upper

56 100

69 30.7 25.0 37.6

84 90.3 74.2 111.2

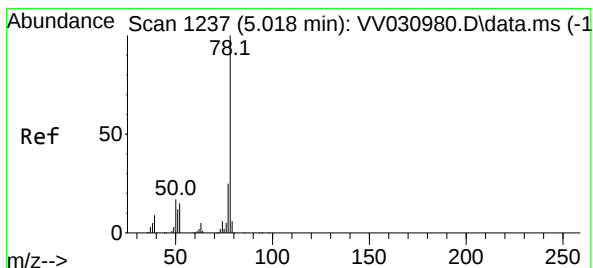
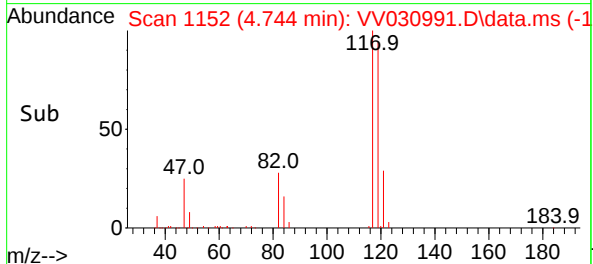
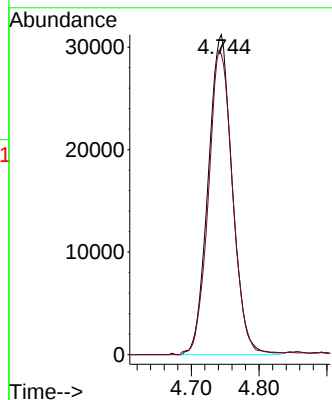
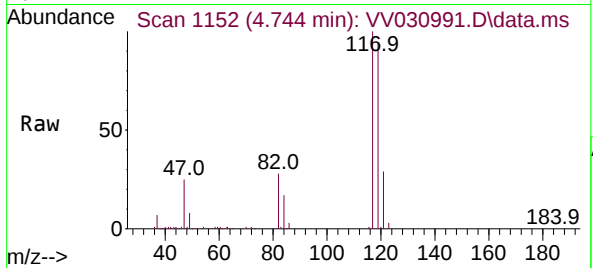




#31
Carbon tetrachloride
Concen: 5.669 ug/L
RT: 4.744 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VV030991.D
Acq: 05 May 2023 11:37

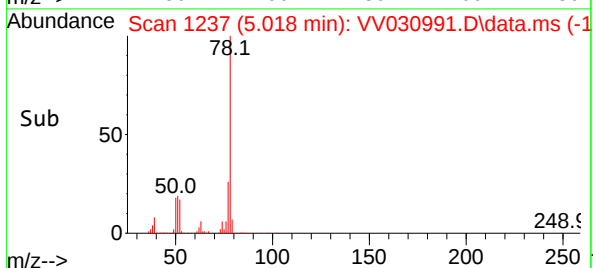
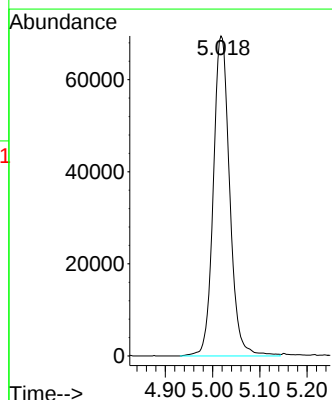
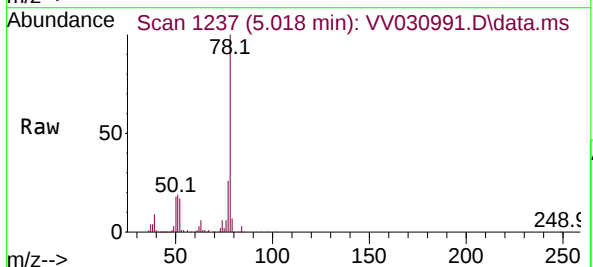
Instrument : MSVOA_V
ClientSampleId : VSTD005342

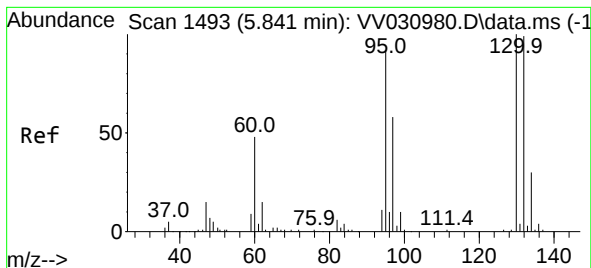
Tgt Ion:117 Resp: 77188
Ion Ratio Lower Upper
117 100
119 95.1 78.4 117.6



#33
Benzene
Concen: 5.523 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. -0.000 min
Lab File: VV030991.D
Acq: 05 May 2023 11:37

Tgt Ion: 78 Resp: 167611





#34

Trichloroethene

Concen: 5.234 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VV030991.D

Acq: 05 May 2023 11:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD005342

Tgt Ion: 95 Resp: 42337

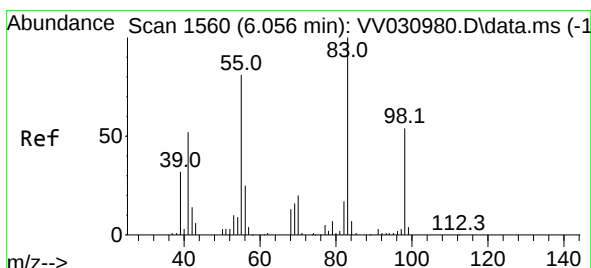
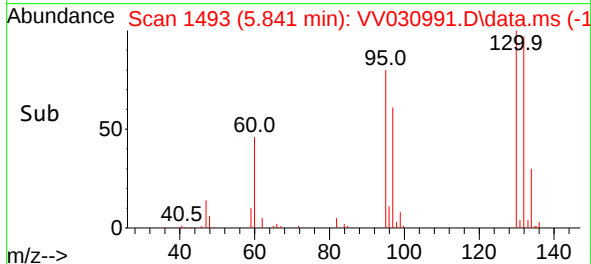
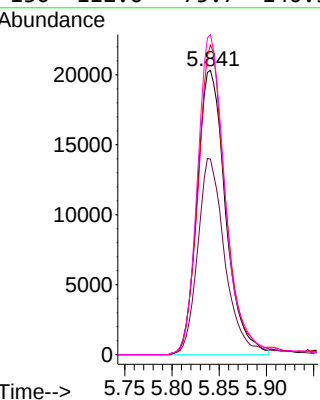
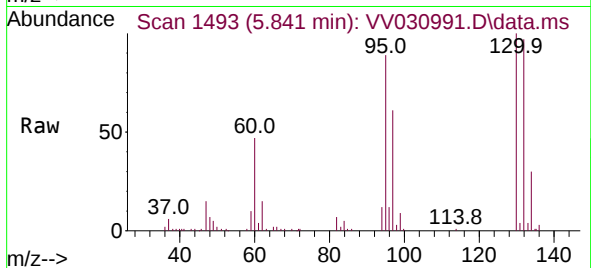
Ion Ratio Lower Upper

95 100

97 68.8 46.2 85.8

132 108.9 72.7 135.1

130 112.6 75.7 140.5



#35

Methylcyclohexane

Concen: 5.011 ug/L

RT: 6.056 min Scan# 1560

Delta R.T. -0.000 min

Lab File: VV030991.D

Acq: 05 May 2023 11:37

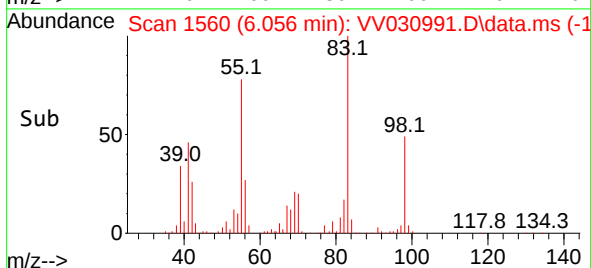
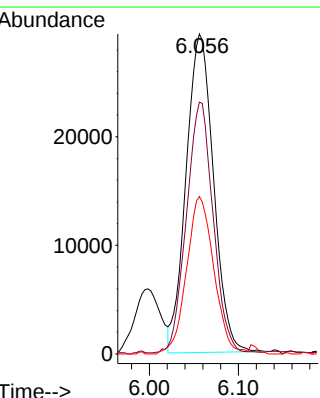
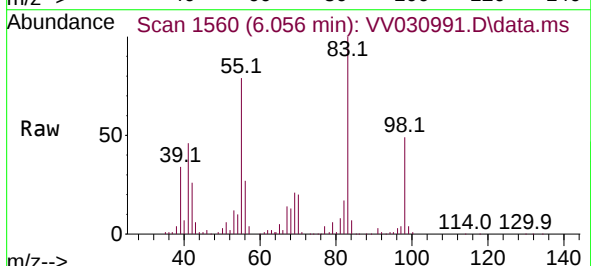
Tgt Ion: 83 Resp: 62818

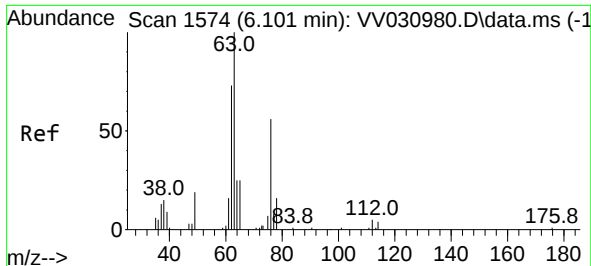
Ion Ratio Lower Upper

83 100

55 76.5 62.9 94.3

98 49.0 40.5 60.7





#37

1,2-Dichloropropane

Concen: 5.135 ug/L

RT: 6.101 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV030991.D

Acq: 05 May 2023 11:37

Instrument :

MSVOA_V

ClientSampleId :

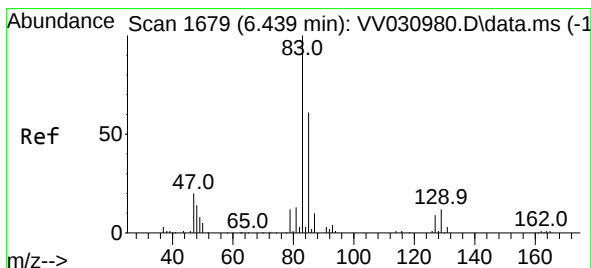
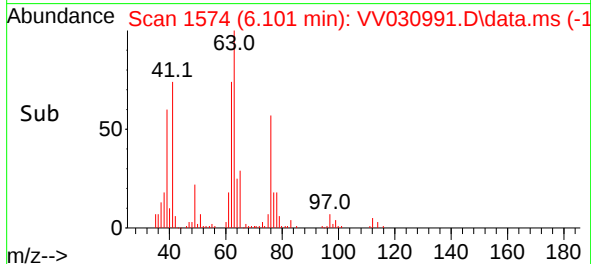
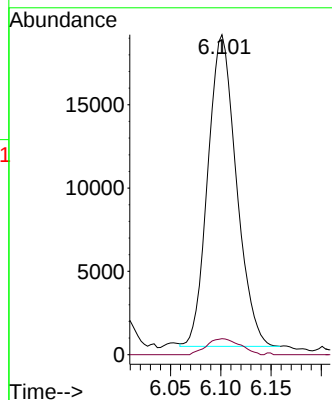
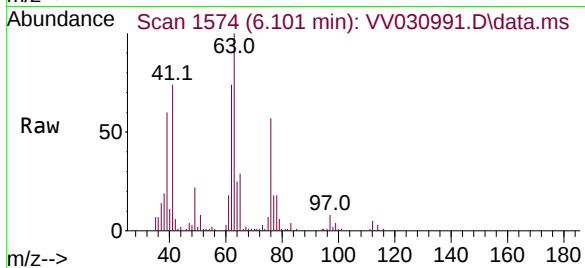
VSTD005342

Tgt Ion: 63 Resp: 36958

Ion Ratio Lower Upper

63 100

112 6.0 3.8 5.8#



#38

Bromodichloromethane

Concen: 5.590 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VV030991.D

Acq: 05 May 2023 11:37

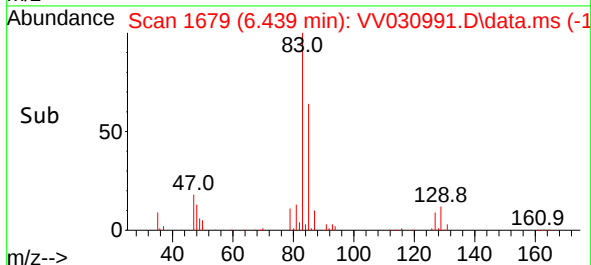
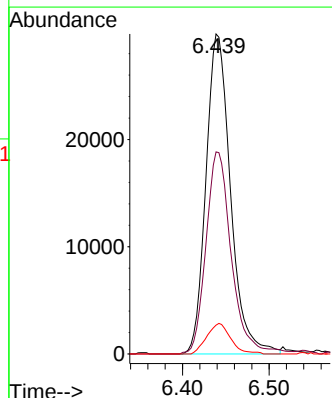
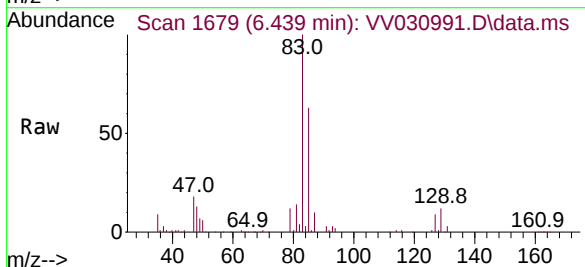
Tgt Ion: 83 Resp: 58891

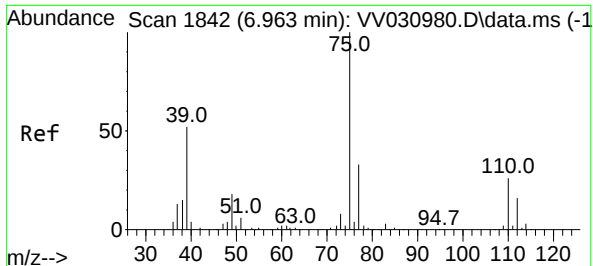
Ion Ratio Lower Upper

83 100

85 63.2 44.4 82.4

127 9.0 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 5.452 ug/L

RT: 6.960 min Scan# 1842

Delta R.T. -0.003 min

Lab File: VV030991.D

Acq: 05 May 2023 11:37

Instrument :

MSVOA_V

ClientSampleId :

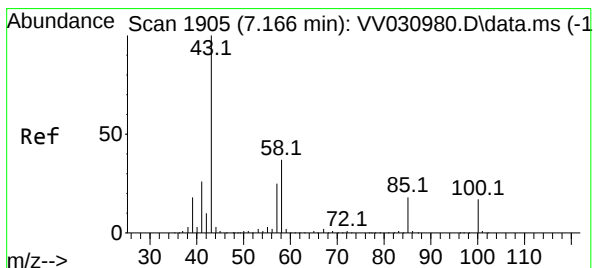
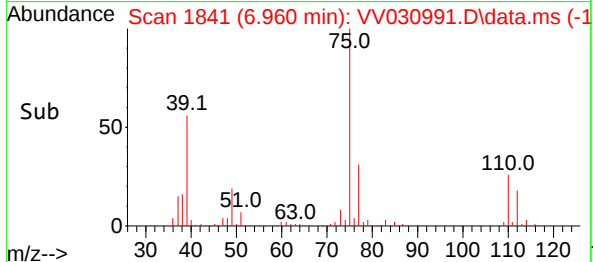
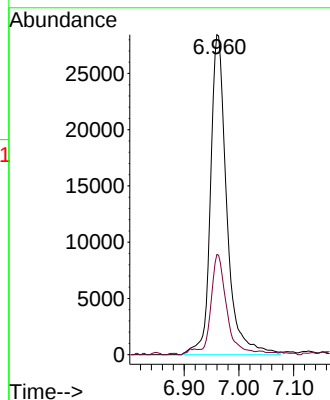
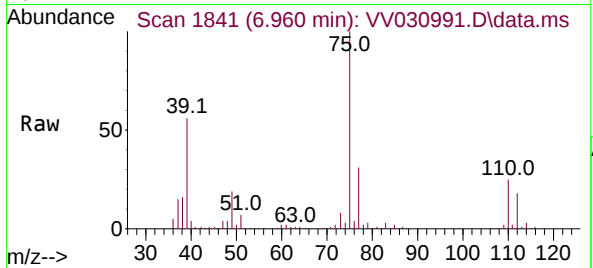
VSTD005342

Tgt Ion: 75 Resp: 58776

Ion Ratio Lower Upper

75 100

77 31.3 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 54.834 ug/L

RT: 7.169 min Scan# 1906

Delta R.T. 0.003 min

Lab File: VV030991.D

Acq: 05 May 2023 11:37

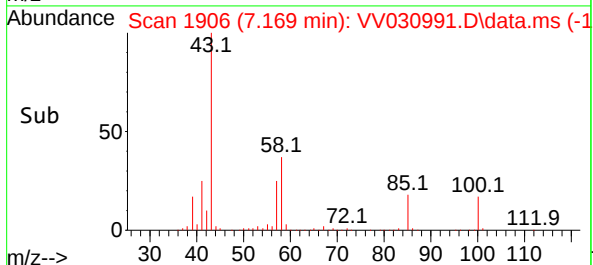
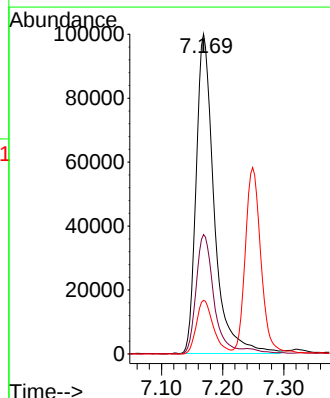
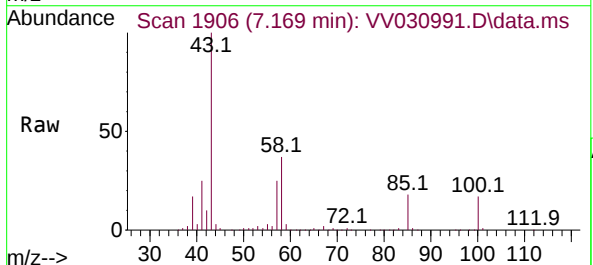
Tgt Ion: 43 Resp: 204486

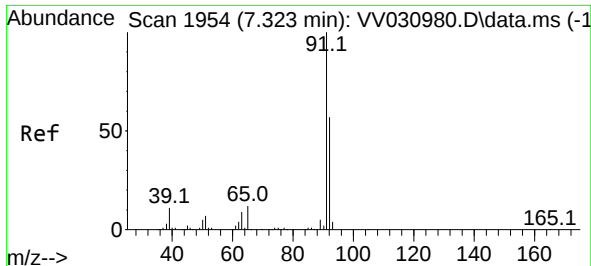
Ion Ratio Lower Upper

43 100

58 36.6 28.3 42.5

100 15.9 11.8 17.8





#42

Toluene

Concen: 5.731 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. -0.000 min

Lab File: VV030991.D

Acq: 05 May 2023 11:37

Instrument :

MSVOA_V

ClientSampleId :

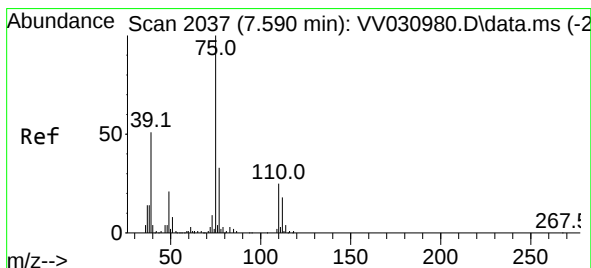
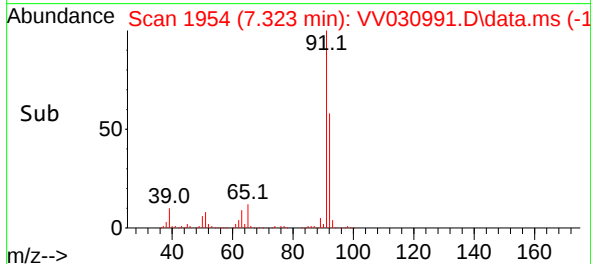
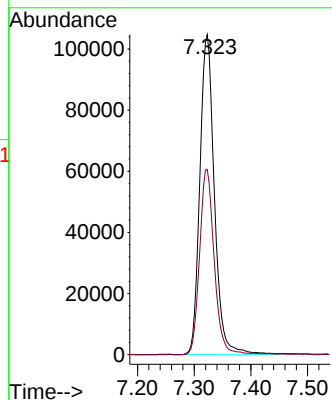
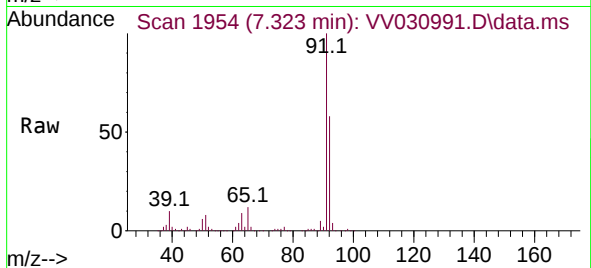
VSTD005342

Tgt Ion: 91 Resp: 187218

Ion Ratio Lower Upper

91 100

92 57.9 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 5.525 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. -0.000 min

Lab File: VV030991.D

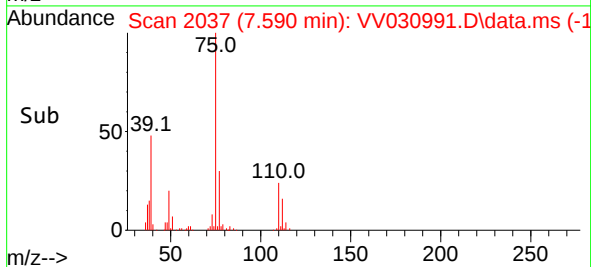
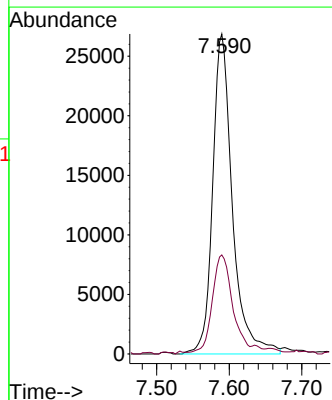
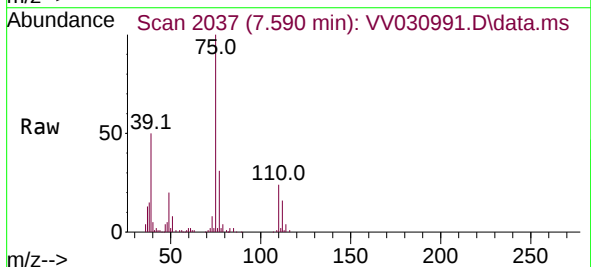
Acq: 05 May 2023 11:37

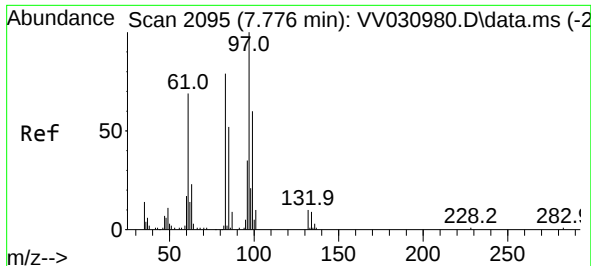
Tgt Ion: 75 Resp: 50746

Ion Ratio Lower Upper

75 100

77 30.9 21.6 40.0

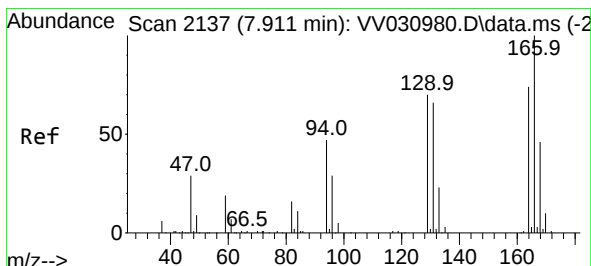
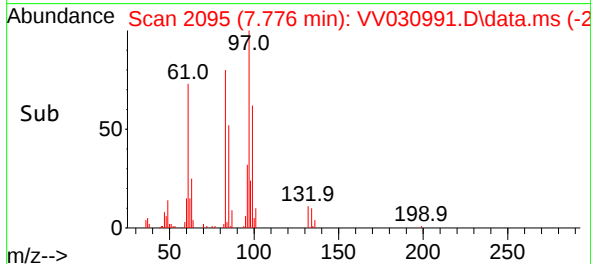
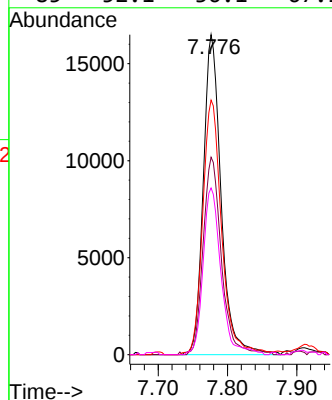
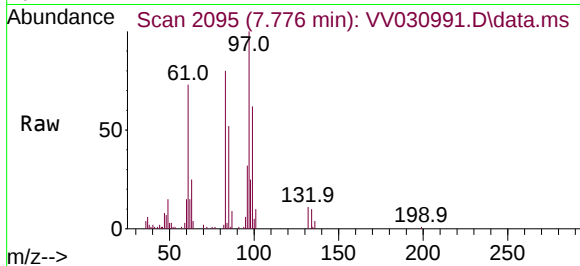




#45
1,1,2-Trichloroethane
Concen: 5.505 ug/L
RT: 7.776 min Scan# 2095
Delta R.T. -0.000 min
Lab File: VV030991.D
Acq: 05 May 2023 11:37

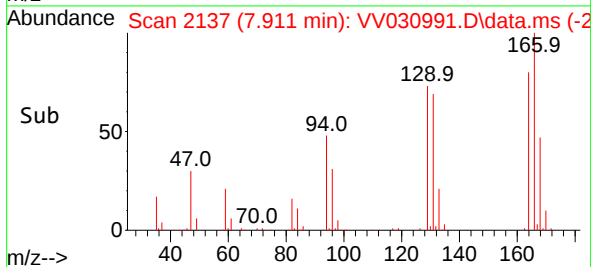
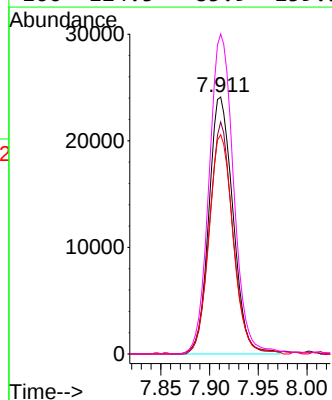
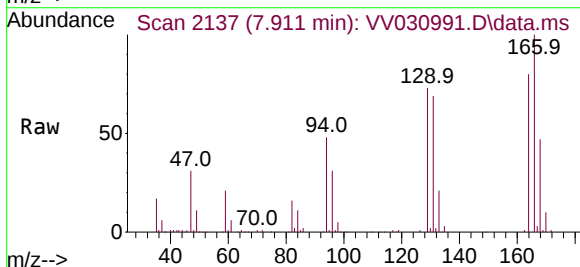
Instrument :
MSVOA_V
ClientSampleId :
VSTD005342

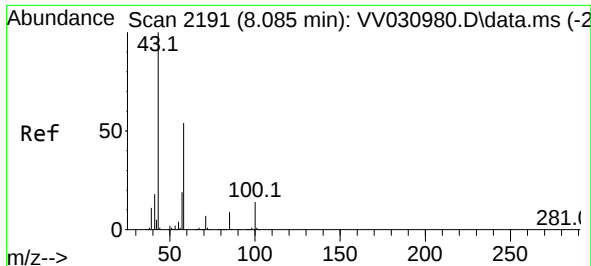
Tgt Ion: 97	Resp: 29399
Ion Ratio	Lower Upper
97 100	
99 61.7	42.8 79.6
83 79.6	57.5 106.7
85 52.1	36.1 67.1



#47
Tetrachloroethene
Concen: 5.392 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VV030991.D
Acq: 05 May 2023 11:37

Tgt Ion:164	Resp:	41604	
Ion	Ratio	Lower	Upper
164	100		
129	90.3	60.5	112.3
131	85.3	60.8	112.8
166	124.5	85.9	159.5

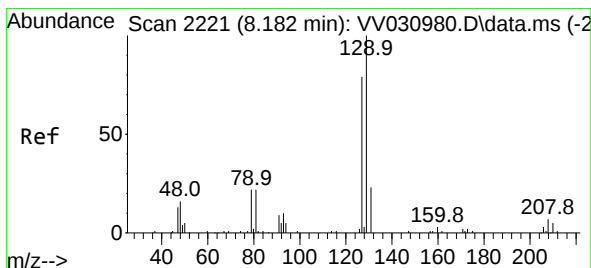
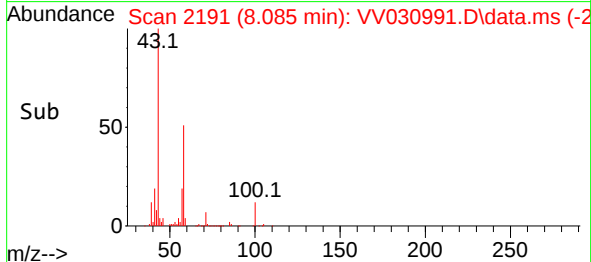
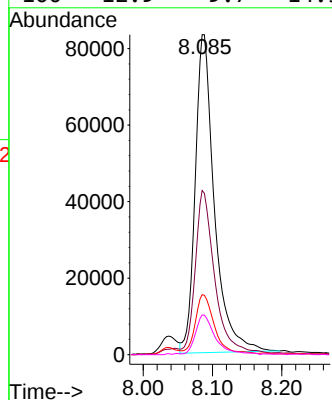
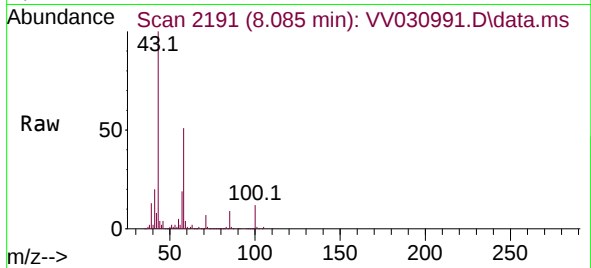




#48
2-Hexanone
Concen: 56.183 ug/L
RT: 8.085 min Scan# 2191
Delta R.T. -0.000 min
Lab File: VV030991.D
Acq: 05 May 2023 11:37

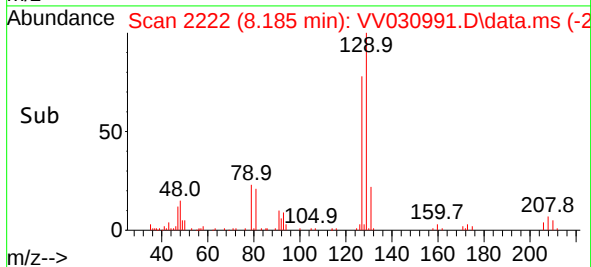
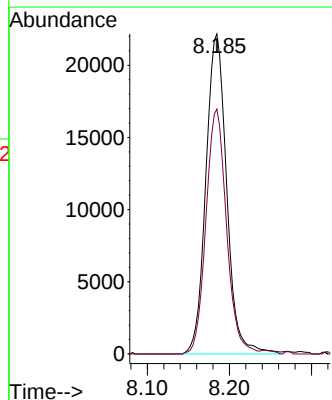
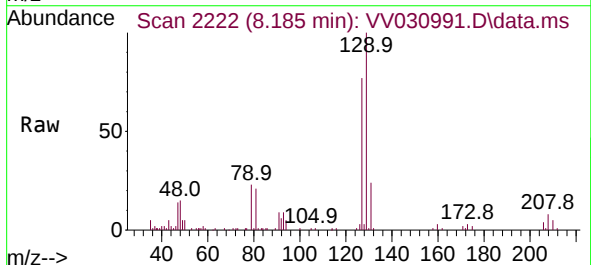
Instrument :
MSVOA_V
ClientSampleId :
VSTD005342

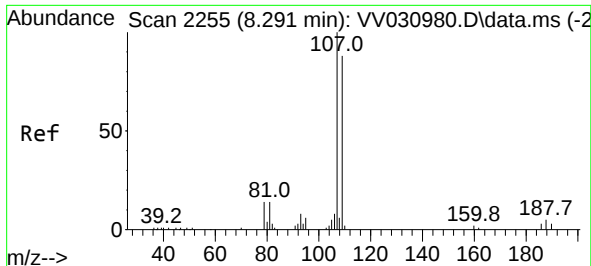
Tgt Ion: 43 Resp: 160698
Ion Ratio Lower Upper
43 100
58 51.3 39.9 59.9
57 18.3 14.1 21.1
100 12.9 9.7 14.5



#49
Dibromochloromethane
Concen: 5.813 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. 0.003 min
Lab File: VV030991.D
Acq: 05 May 2023 11:37

Tgt Ion: 129 Resp: 39054
Ion Ratio Lower Upper
129 100
127 76.5 55.3 102.7





#50

1,2-Dibromoethane

Concen: 5.380 ug/L

RT: 8.288 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV030991.D

Acq: 05 May 2023 11:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD005342

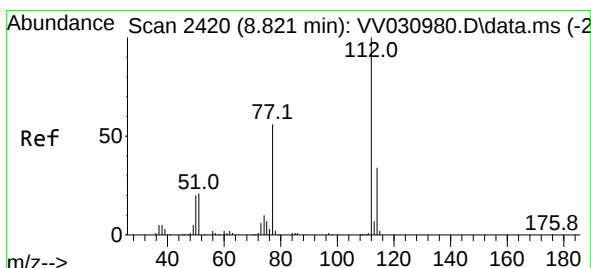
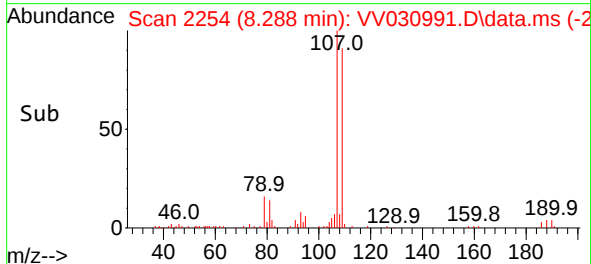
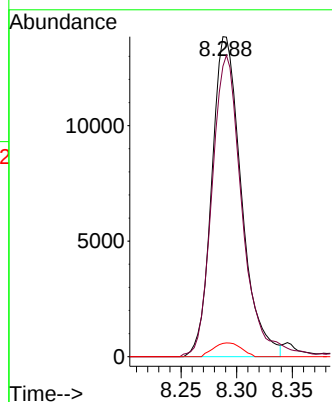
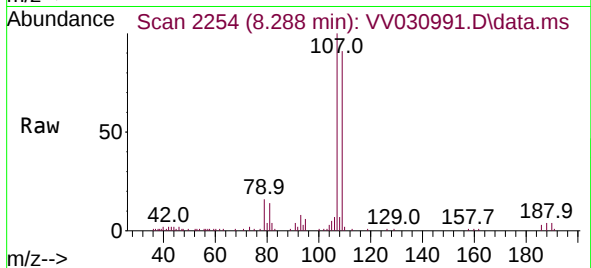
Tgt Ion:107 Resp: 25625

Ion Ratio Lower Upper

107 100

109 90.8 64.9 120.5

188 4.2 3.2 4.8



#51

Chlorobenzene

Concen: 5.487 ug/L

RT: 8.821 min Scan# 2420

Delta R.T. -0.000 min

Lab File: VV030991.D

Acq: 05 May 2023 11:37

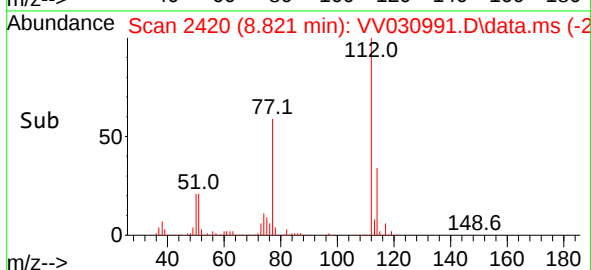
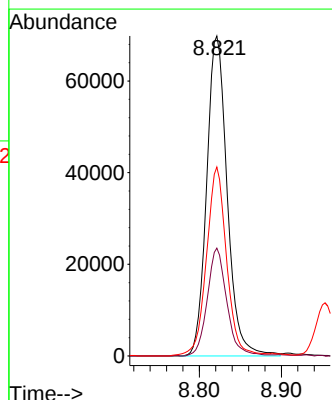
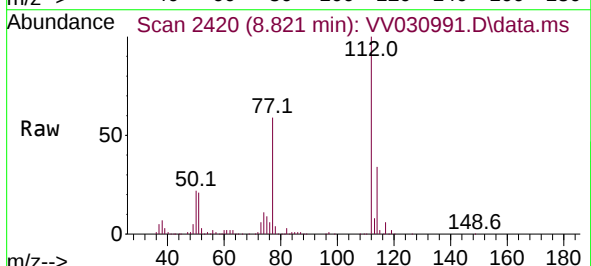
Tgt Ion:112 Resp: 121534

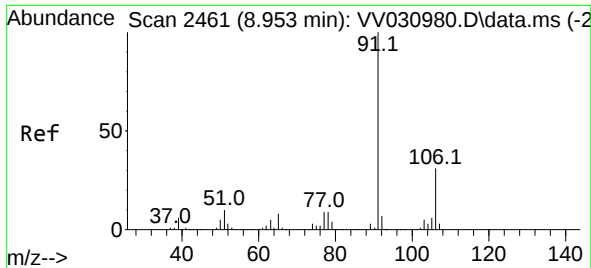
Ion Ratio Lower Upper

112 100

114 33.7 22.5 41.9

77 59.1 45.3 67.9

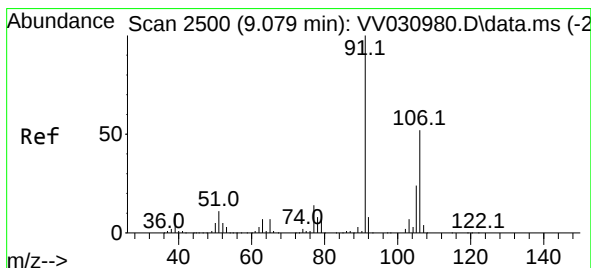
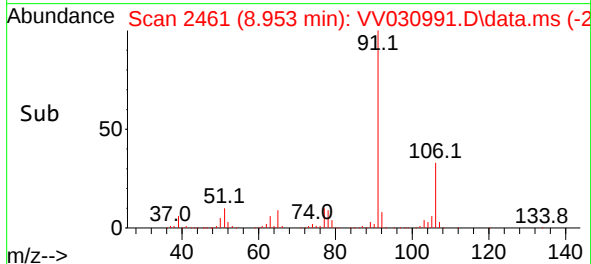
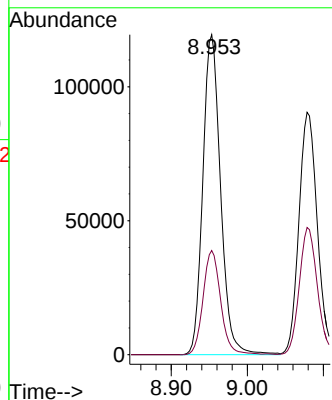
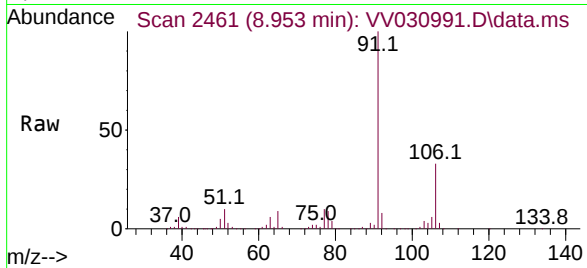




#52
Ethylbenzene
Concen: 5.435 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. -0.000 min
Lab File: VV030991.D
Acq: 05 May 2023 11:37

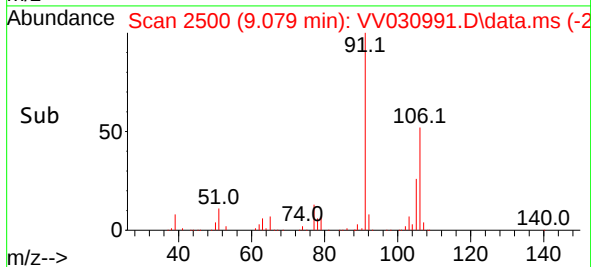
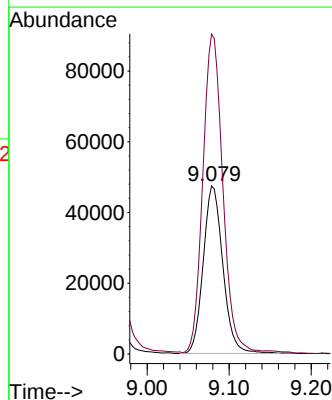
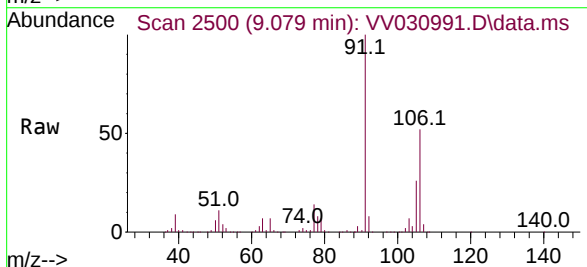
Instrument :
MSVOA_V
ClientSampleId :
VSTD005342

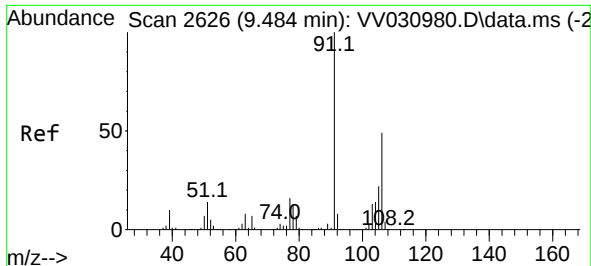
Tgt Ion: 91 Resp: 193581
Ion Ratio Lower Upper
91 100
106 32.5 21.4 39.8



#53
m,p-Xylene
Concen: 5.558 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. -0.000 min
Lab File: VV030991.D
Acq: 05 May 2023 11:37

Tgt Ion: 106 Resp: 78994
Ion Ratio Lower Upper
106 100
91 190.5 138.7 257.5

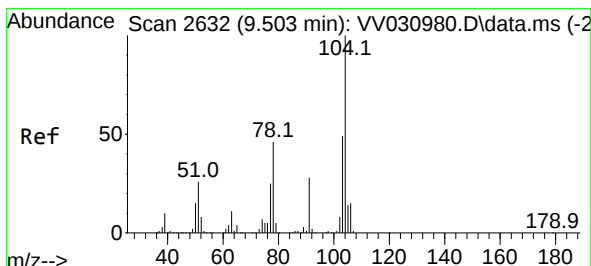
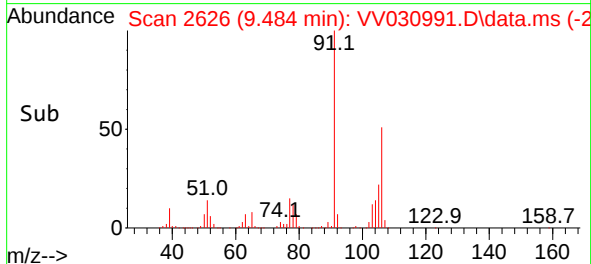
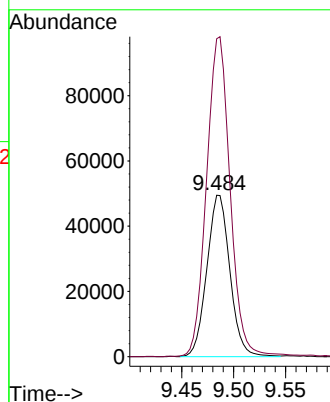
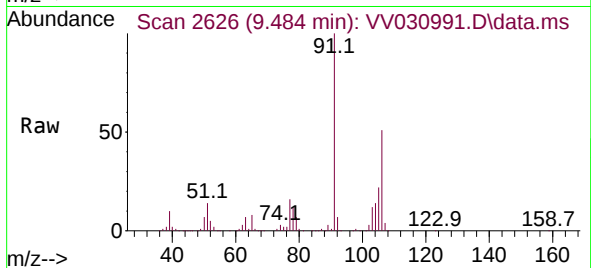




#54
o-Xylene
Concen: 5.639 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. -0.000 min
Lab File: VV030991.D
Acq: 05 May 2023 11:37

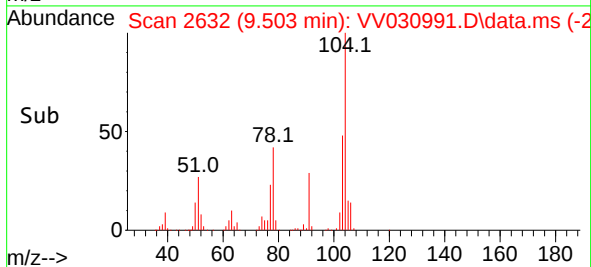
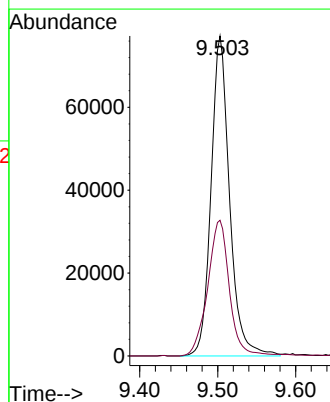
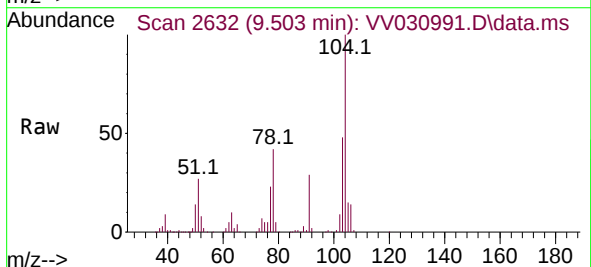
Instrument :
MSVOA_V
ClientSampleId :
VSTD005342

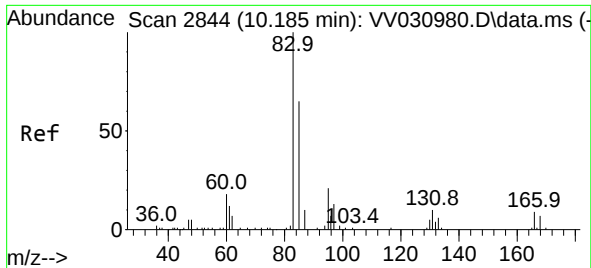
Tgt Ion:106 Resp: 76273
Ion Ratio Lower Upper
106 100
91 197.0 145.1 269.5



#55
Styrene
Concen: 5.603 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. -0.000 min
Lab File: VV030991.D
Acq: 05 May 2023 11:37

Tgt Ion:104 Resp: 127883
Ion Ratio Lower Upper
104 100
78 42.4 31.4 58.2

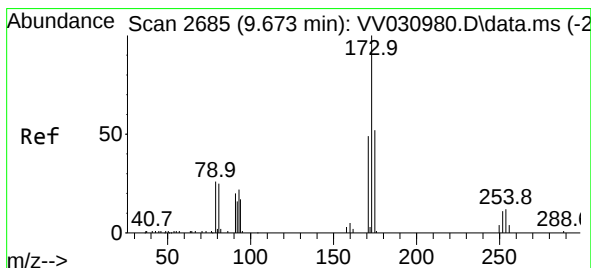
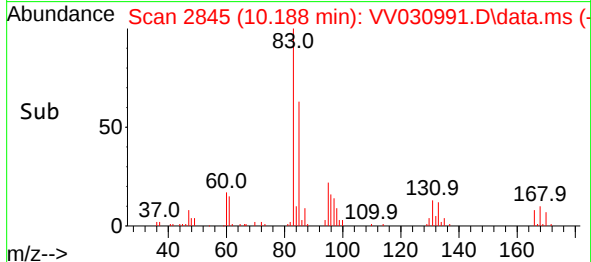
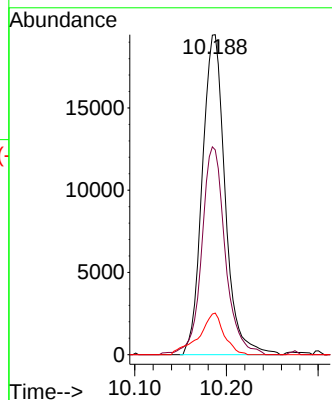
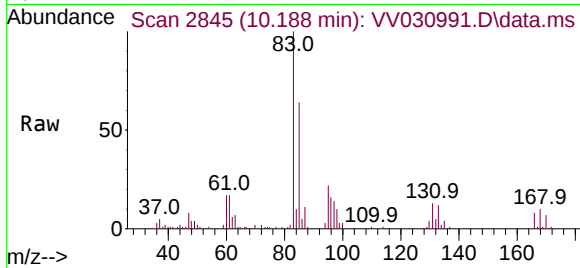




#57
1,1,2,2-Tetrachloroethane
Concen: 5.634 ug/L
RT: 10.188 min Scan# 2844
Delta R.T. 0.003 min
Lab File: VV030991.D
Acq: 05 May 2023 11:37

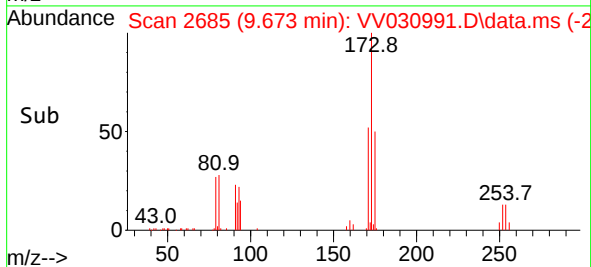
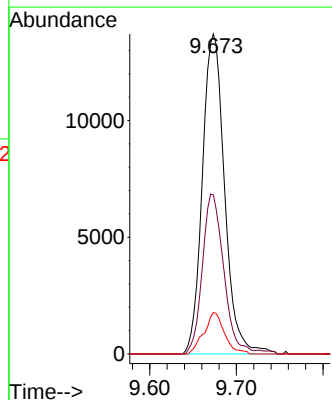
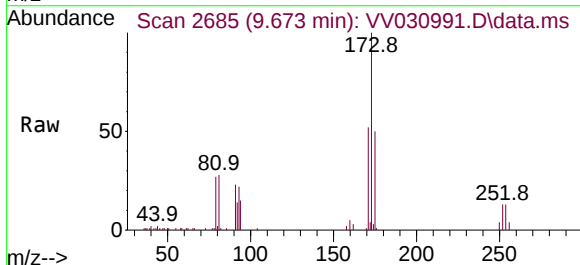
Instrument :
MSVOA_V
ClientSampleId :
VSTD005342

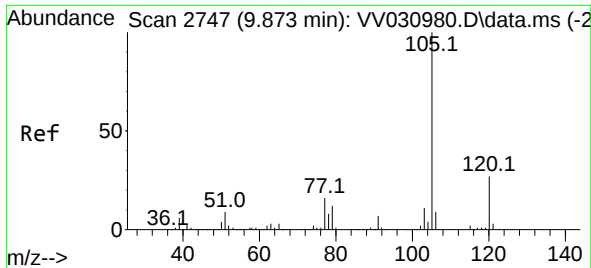
Tgt Ion: 83 Resp: 33634
Ion Ratio Lower Upper
83 100
85 64.0 45.2 84.0
131 13.0 8.3 12.5#



#59
Bromoform
Concen: 5.757 ug/L
RT: 9.673 min Scan# 2685
Delta R.T. -0.000 min
Lab File: VV030991.D
Acq: 05 May 2023 11:37

Tgt Ion: 173 Resp: 24457
Ion Ratio Lower Upper
173 100
175 47.9 39.9 59.9
254 12.0 9.7 14.5

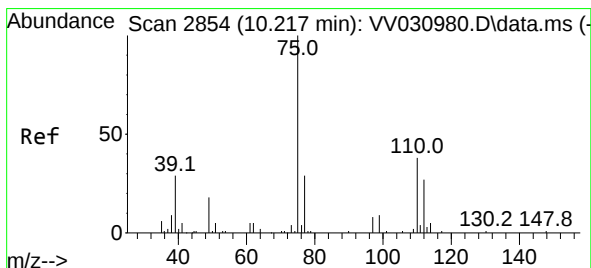
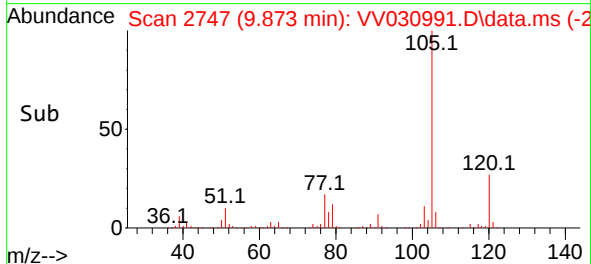
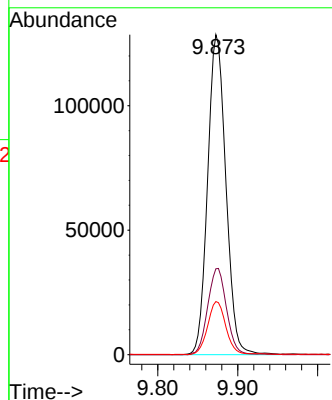
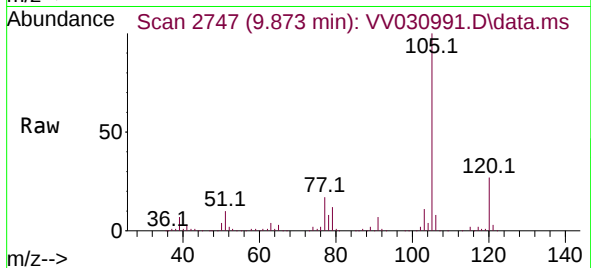




#60
Isopropylbenzene
Concen: 5.240 ug/L
RT: 9.873 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030991.D
Acq: 05 May 2023 11:37

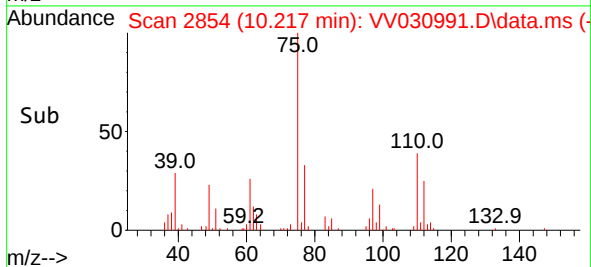
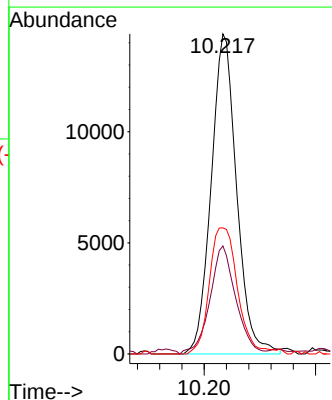
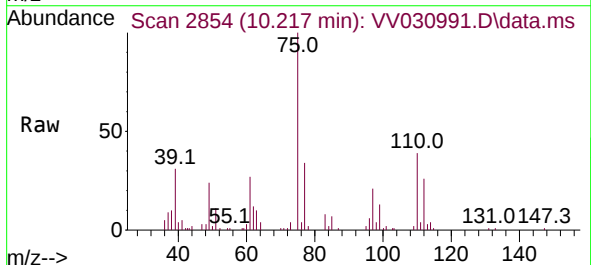
Instrument :
MSVOA_V
ClientSampleId :
VSTD005342

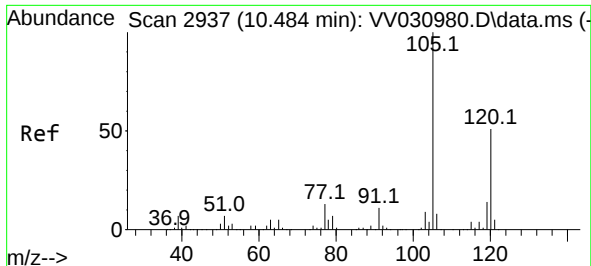
Tgt Ion:105 Resp: 203887
Ion Ratio Lower Upper
105 100
120 27.7 22.2 33.4
77 16.6 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.043 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. -0.000 min
Lab File: VV030991.D
Acq: 05 May 2023 11:37

Tgt Ion: 75 Resp: 22863
Ion Ratio Lower Upper
75 100
77 34.2 25.3 37.9
110 44.1 34.0 51.0





#62

1,3,5-Trimethylbenzene

Concen: 5.162 ug/L

RT: 10.484 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VV030991.D

Acq: 05 May 2023 11:37

Instrument :

MSVOA_V

ClientSampleId :

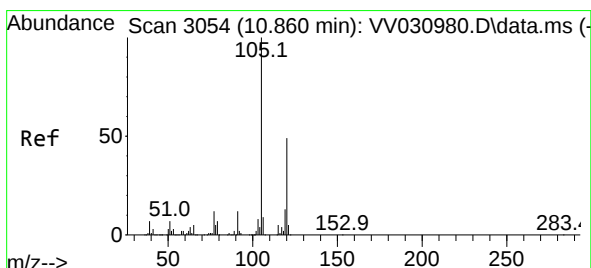
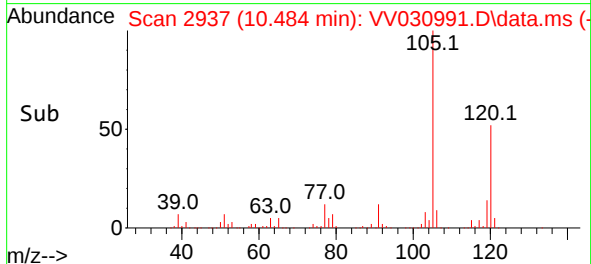
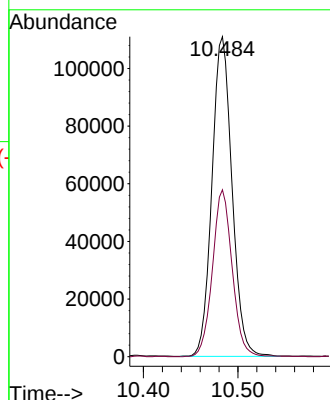
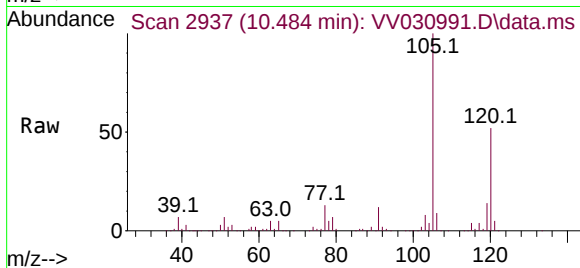
VSTD005342

Tgt Ion:105 Resp: 163524

Ion Ratio Lower Upper

105 100

120 51.3 40.2 60.4



#63

1,2,4-Trimethylbenzene

Concen: 5.095 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. -0.000 min

Lab File: VV030991.D

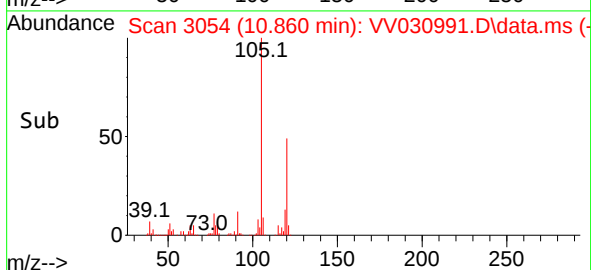
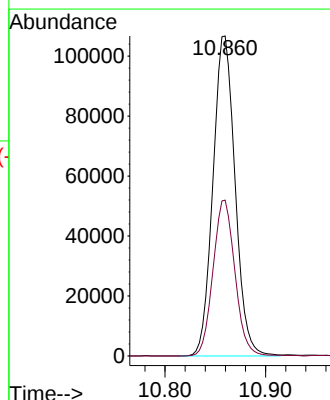
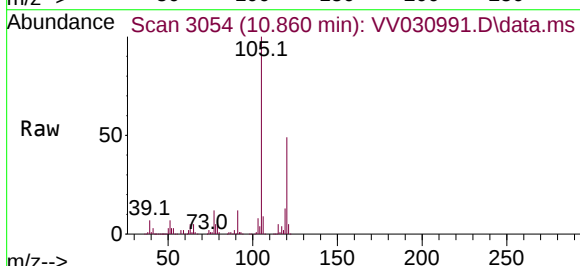
Acq: 05 May 2023 11:37

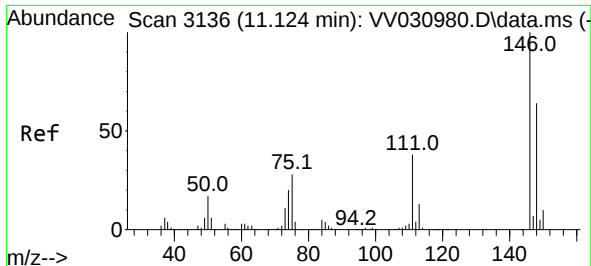
Tgt Ion:105 Resp: 163527

Ion Ratio Lower Upper

105 100

120 48.2 37.9 56.9

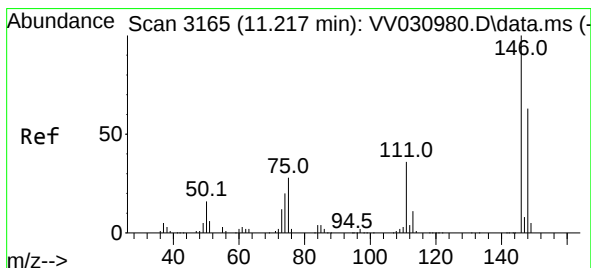
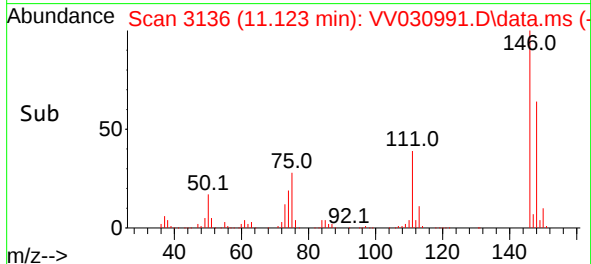
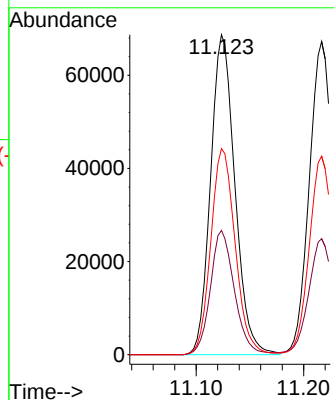
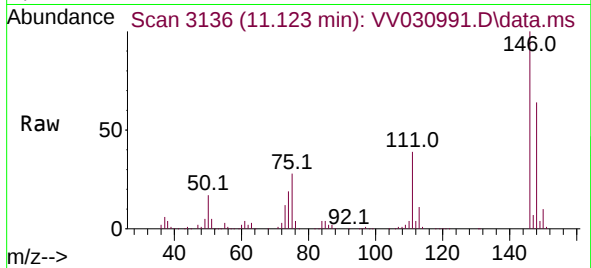




#64
1,3-Dichlorobenzene
Concen: 5.403 ug/L
RT: 11.123 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VV030991.D
Acq: 05 May 2023 11:37

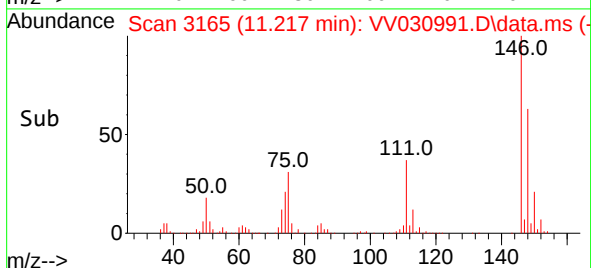
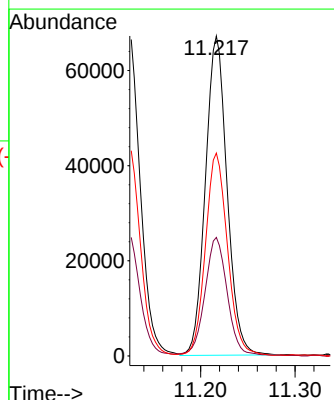
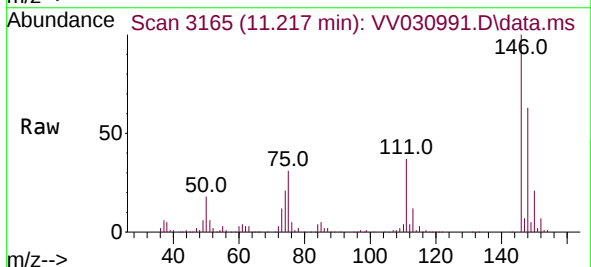
Instrument :
MSVOA_V
ClientSampleId :
VSTD005342

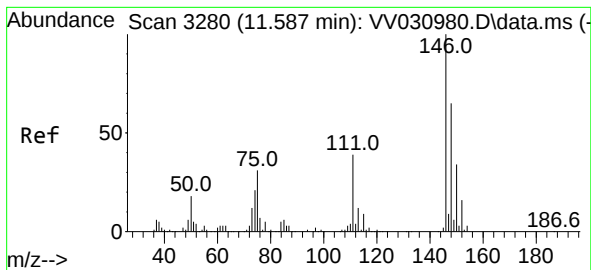
Tgt Ion:146 Resp: 107965
Ion Ratio Lower Upper
146 100
111 38.8 26.5 49.3
148 64.4 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 5.290 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030991.D
Acq: 05 May 2023 11:37

Tgt Ion:146 Resp: 106654
Ion Ratio Lower Upper
146 100
111 37.0 23.9 44.5
148 63.4 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 5.347 ug/L

RT: 11.586 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV030991.D

Acq: 05 May 2023 11:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD005342

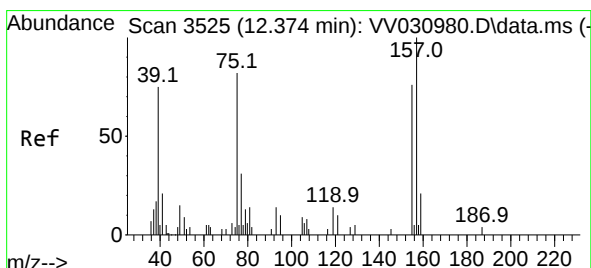
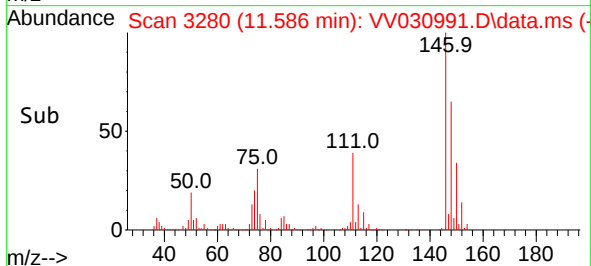
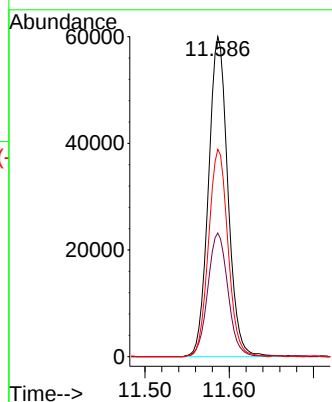
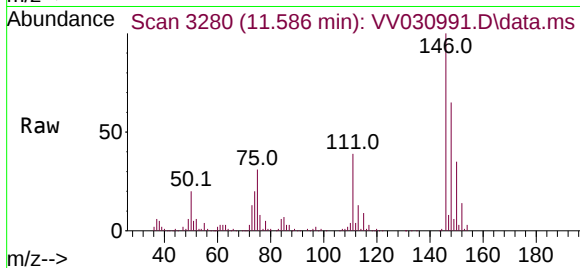
Tgt Ion:146 Resp: 96086

Ion Ratio Lower Upper

146 100

111 38.6 34.0 51.0

148 64.8 53.8 80.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.086 ug/L

RT: 12.374 min Scan# 3525

Delta R.T. -0.000 min

Lab File: VV030991.D

Acq: 05 May 2023 11:37

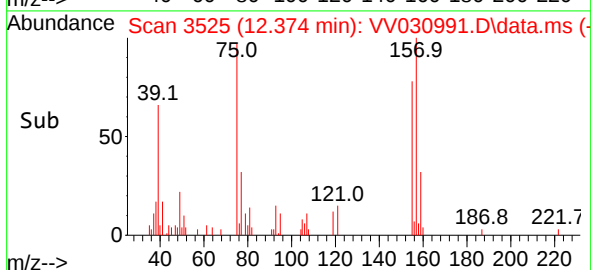
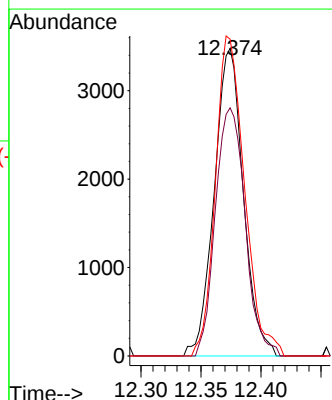
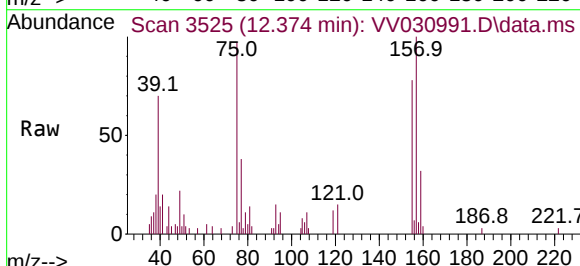
Tgt Ion: 75 Resp: 5853

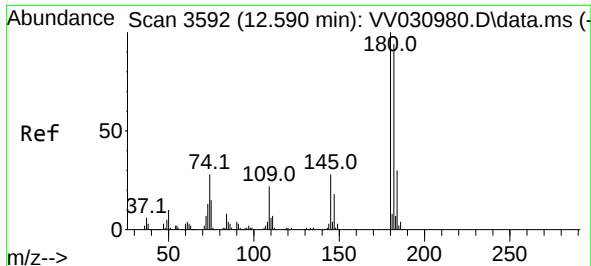
Ion Ratio Lower Upper

75 100

155 80.7 56.2 84.4

157 103.0 83.1 124.7

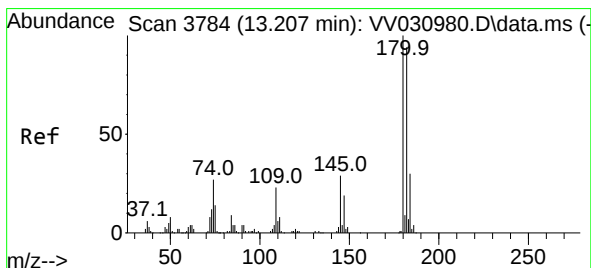
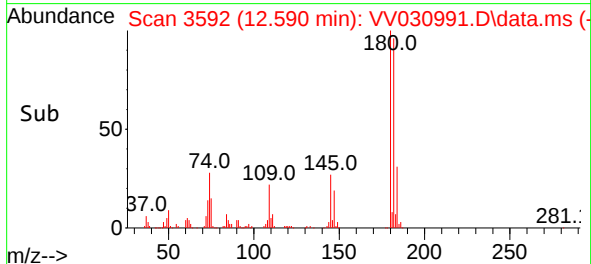
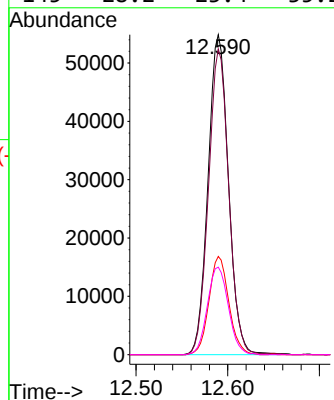
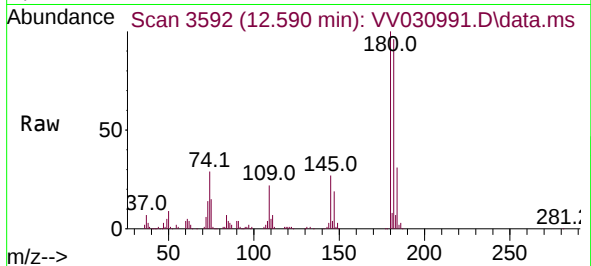




#69
 1,3,5-Trichlorobenzene
 Concen: 5.366 ug/L
 RT: 12.590 min Scan# 3592
 Delta R.T. -0.000 min
 Lab File: VV030991.D
 Acq: 05 May 2023 11:37

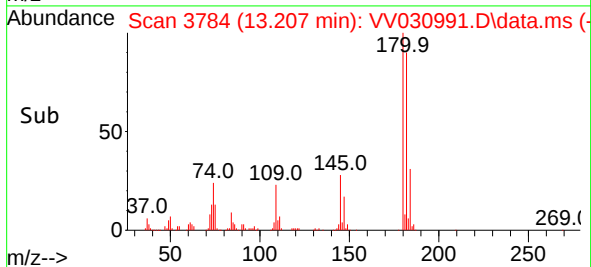
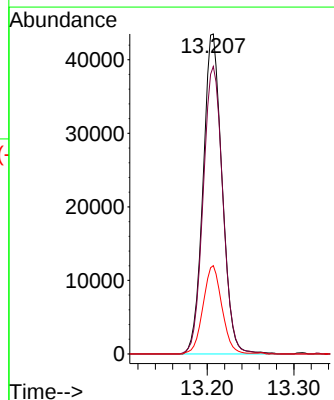
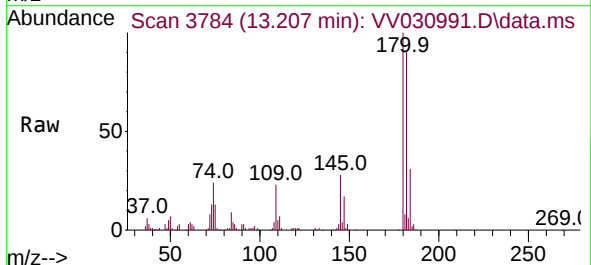
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005342

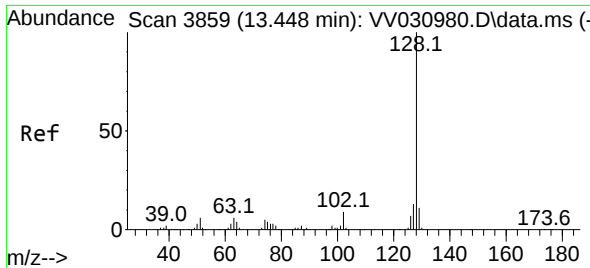
Tgt Ion:180	Resp:	84915
Ion Ratio	Lower	Upper
180	100	
182	94.6	75.1 112.7
184	29.9	24.1 36.1
145	28.2	23.4 35.2



#70
 1,2,4-trichlorobenzene
 Concen: 5.464 ug/L
 RT: 13.207 min Scan# 3784
 Delta R.T. -0.000 min
 Lab File: VV030991.D
 Acq: 05 May 2023 11:37

Tgt Ion:180	Resp:	66433
Ion Ratio	Lower	Upper
180	100	
182	92.9	76.0 114.0
145	27.3	22.9 34.3

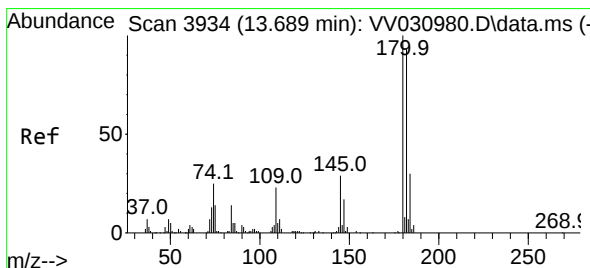
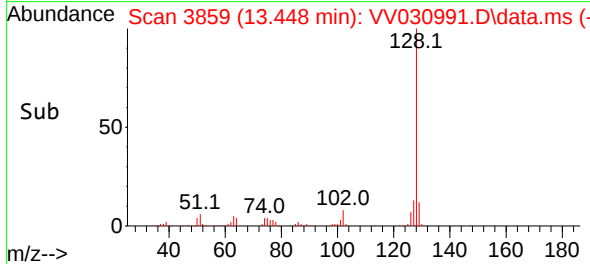
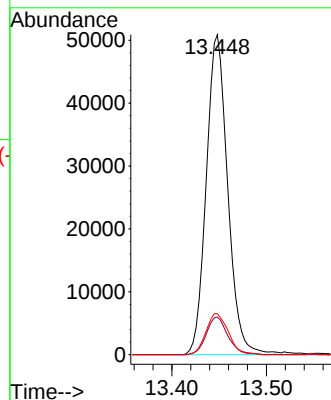
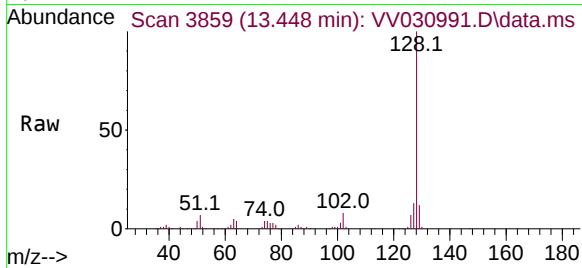




#71
Naphthalene
Concen: 4.600 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. -0.000 min
Lab File: VV030991.D
Acq: 05 May 2023 11:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD005342

Tgt Ion:128 Resp: 80202
Ion Ratio Lower Upper
128 100
129 11.9 8.6 13.0
127 13.3 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 5.339 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. -0.000 min
Lab File: VV030991.D
Acq: 05 May 2023 11:37

Tgt Ion:180 Resp: 54955
Ion Ratio Lower Upper
180 100
182 93.1 77.3 115.9
145 30.7 24.7 37.1

