

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061923\
 Data File : VW031598.D
 Acq On : 19 Jun 2023 13:38
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050377

Quant Time: Jun 20 01:56:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 17 02:08:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	233964	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	239955	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	151043	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	87599	56.258	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	112.520%
7) Chloroethane-d5	1.536	69	70054	51.562	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.120%
11) 1,1-Dichloroethene-d2	2.063	65	42263	52.664	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.320%
21) 2-Butanone-d5	3.799	46	109772	87.063	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.060%
24) Chloroform-d	4.256	84	179104	45.928	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.860%
26) 1,2-Dichloroethane-d4	4.947	65	111851	45.843	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.680%
32) Benzene-d6	4.963	84	335543	49.679	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.360%
36) 1,2-Dichloropropane-d6	5.992	67	108378	45.272	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.540%
41) Toluene-d8	7.246	98	321283	51.836	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.680%
43) trans-1,3-Dichloroprop...	7.555	79	52755	45.205	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.420%
47) 2-Hexanone-d5	8.030	63	82724	87.521	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.520%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	157650	43.630	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.260%
66) 1,2-Dichlorobenzene-d4	11.567	152	125646	43.640	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	115547	46.560	ug/L	98
3) Chloromethane	1.217	50	98033	41.863	ug/L	96
5) Vinyl chloride	1.285	62	104997	45.231	ug/L	100
6) Bromomethane	1.491	94	68872	45.521	ug/L	100
8) Chloroethane	1.552	64	63744	42.516	ug/L	97
9) Trichlorofluoromethane	1.716	101	184762	47.842	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	102345	49.451	ug/L	98
12) 1,1-Dichloroethene	2.072	96	84628	48.885	ug/L	95
13) Acetone	2.127	43	99915	80.309	ug/L	98
14) Carbon disulfide	2.246	76	253934	48.492	ug/L	100
15) Methyl Acetate	2.378	43	98882	47.206	ug/L	96
16) Methylene chloride	2.452	84	101265	46.658	ug/L	98
17) trans-1,2-Dichloroethene	2.699	96	88274	48.850	ug/L	96
18) Methyl tert-butyl Ether	2.709	73	293254	48.636	ug/L	98
19) 1,1-Dichloroethane	3.114	63	184855	47.397	ug/L	98
20) cis-1,2-Dichloroethene	3.818	96	95246	48.773	ug/L	94
22) 2-Butanone	3.876	43	131928	84.883	ug/L	97
23) Bromochloromethane	4.153	128	54239	51.381	ug/L	96
25) Chloroform	4.278	83	208243	51.363	ug/L	98

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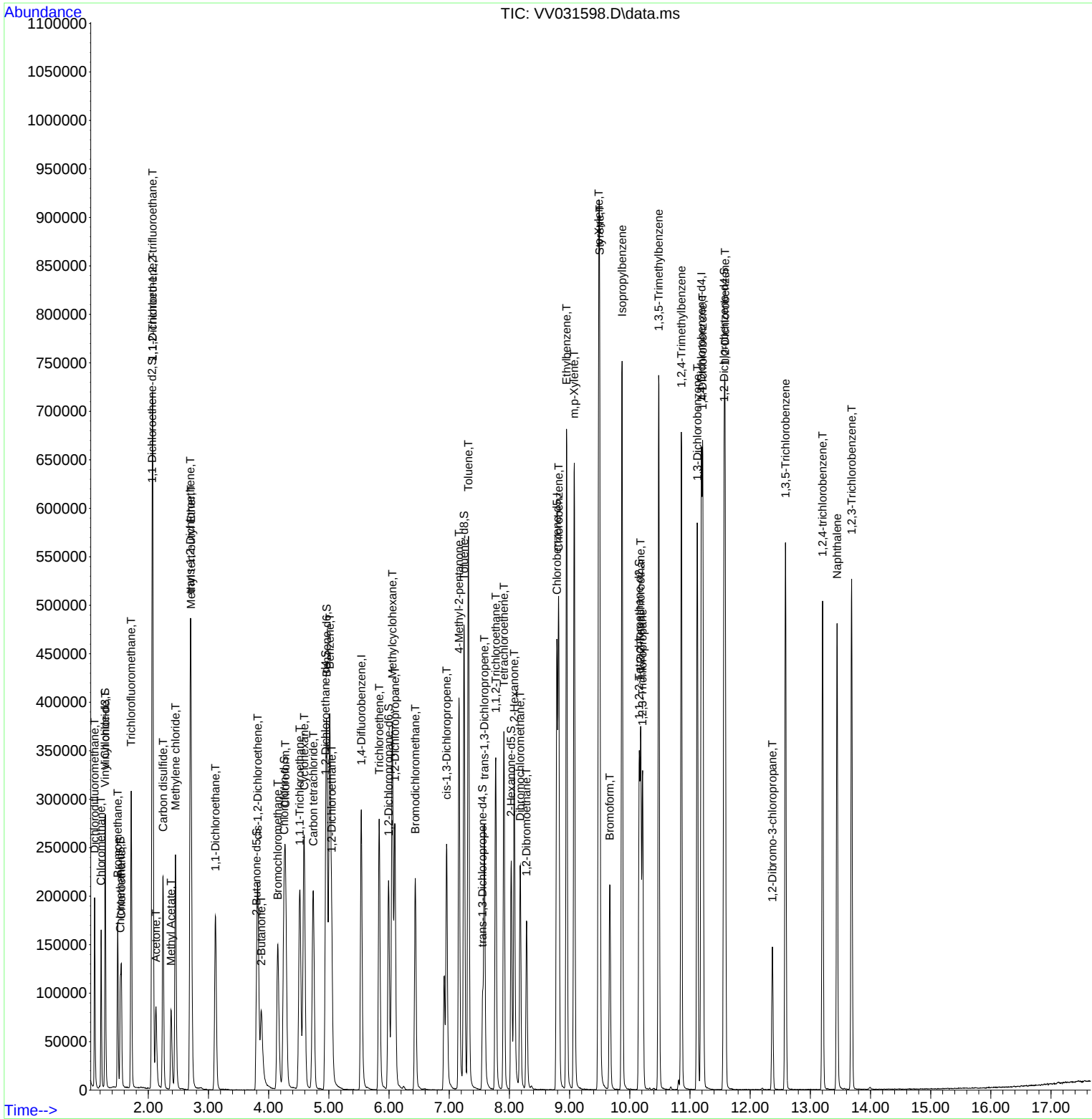
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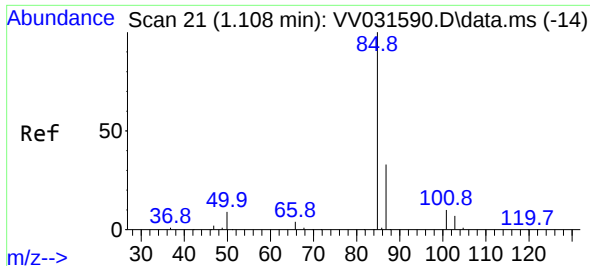
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	150104	47.971	ug/L	98
29) Cyclohexane	4.590	56	140847	45.116	ug/L	99
30) 1,1,1-Trichloroethane	4.516	97	181745	47.241	ug/L	98
31) Carbon tetrachloride	4.741	117	164711	48.320	ug/L	98
33) Benzene	5.014	78	383360	47.986	ug/L	100
34) Trichloroethene	5.838	95	102255	47.899	ug/L	98
35) Methylcyclohexane	6.056	83	148318	47.152	ug/L	99
37) 1,2-Dichloropropane	6.098	63	109399	46.634	ug/L	98
38) Bromodichloromethane	6.436	83	152528	48.102	ug/L	97
39) cis-1,3-Dichloropropene	6.957	75	153565	44.098	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	261796	95.039	ug/L	98
42) Toluene	7.320	91	413557	49.927	ug/L	98
44) trans-1,3-Dichloropropene	7.584	75	163863	48.319	ug/L	98
45) 1,1,2-Trichloroethane	7.773	97	106924	48.249	ug/L	99
46) Tetrachloroethene	7.908	164	80819	48.236	ug/L	97
48) 2-Hexanone	8.082	43	214031	97.287	ug/L	99
49) Dibromochloromethane	8.182	129	121117	49.174	ug/L	97
50) 1,2-Dibromoethane	8.284	107	113663	48.169	ug/L #	99
51) Chlorobenzene	8.818	112	262673	47.880	ug/L	98
52) Ethylbenzene	8.950	91	454697	49.195	ug/L	100
53) m,p-Xylene	9.079	106	171497	50.667	ug/L	95
54) o-Xylene	9.484	106	159657	49.705	ug/L	100
55) Styrene	9.500	104	306309	53.396	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	173200	47.833	ug/L	97
59) Bromoform	9.667	173	95352	50.928	ug/L #	100
60) Isopropylbenzene	9.873	105	453696	47.116	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	134501	45.085	ug/L	100
62) 1,3,5-Trimethylbenzene	10.480	105	377519	47.435	ug/L	98
63) 1,2,4-Trimethylbenzene	10.857	105	352417	47.525	ug/L	98
64) 1,3-Dichlorobenzene	11.124	146	229127	47.461	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	242278	47.095	ug/L	98
67) 1,2-Dichlorobenzene	11.583	146	233702	47.963	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.371	75	38238	43.185	ug/L	97
69) 1,3,5-Trichlorobenzene	12.587	180	168207	45.726	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	145195	45.030	ug/L	99
71) Naphthalene	13.445	128	353400	43.270	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	153496	45.810	ug/L	97

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

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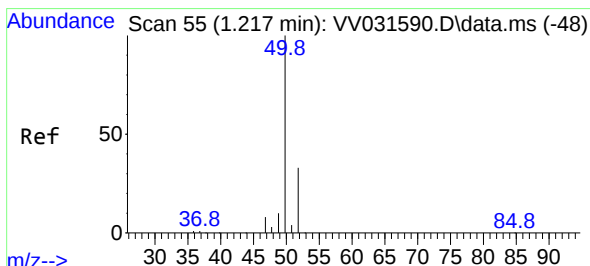
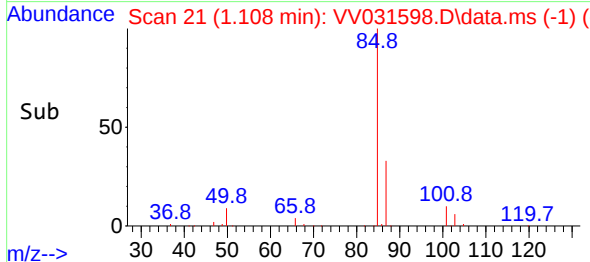
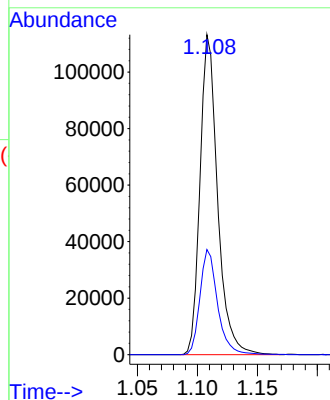
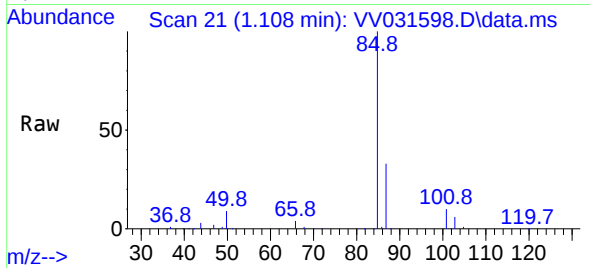




#2
 Dichlorodifluoromethane
 Concen: 46.560 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV031598.D
 Acq: 19 Jun 2023 13:38

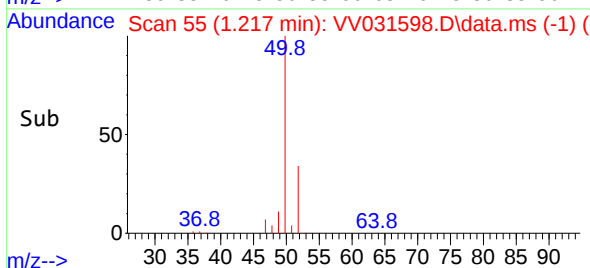
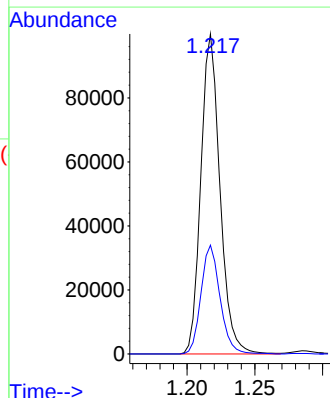
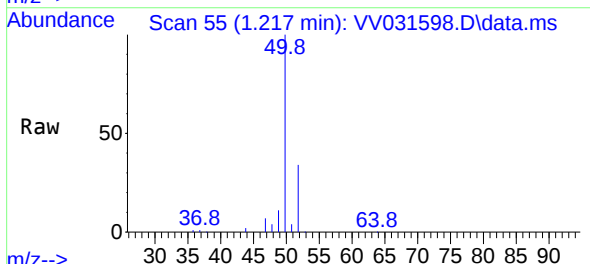
Instrument :
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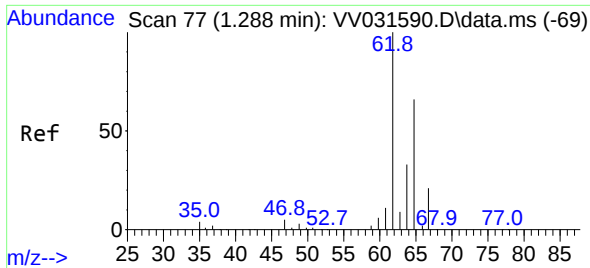
Tgt Ion: 85 Resp: 115547
 Ion Ratio Lower Upper
 85 100
 87 33.0 25.5 38.3



#3
 Chloromethane
 Concen: 41.863 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV031598.D
 Acq: 19 Jun 2023 13:38

Tgt Ion: 50 Resp: 98033
 Ion Ratio Lower Upper
 50 100
 52 34.0 22.3 41.5

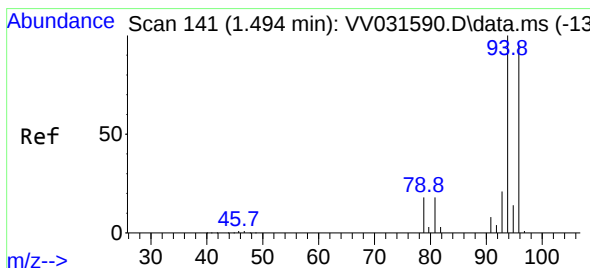
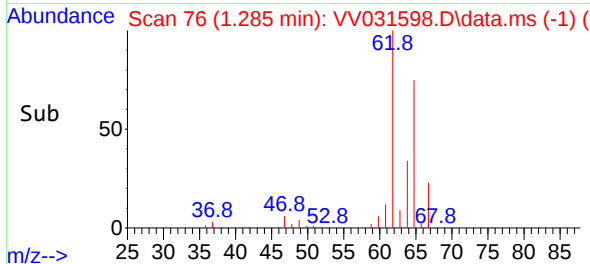
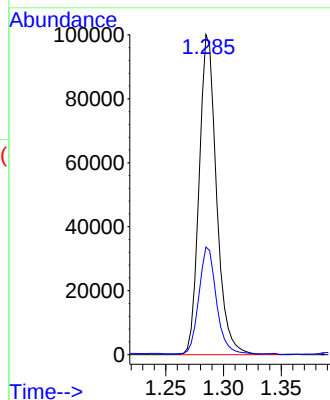
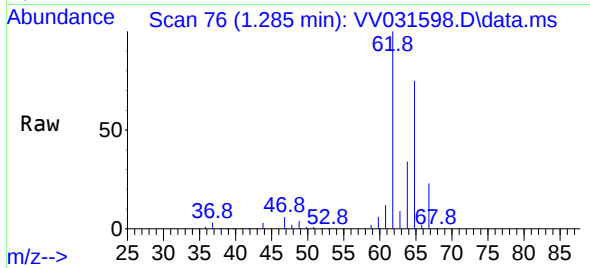




#5
 Vinyl chloride
 Concen: 45.231 ug/L
 RT: 1.285 min Scan# 77
 Delta R.T. -0.003 min
 Lab File: VV031598.D
 Acq: 19 Jun 2023 13:38

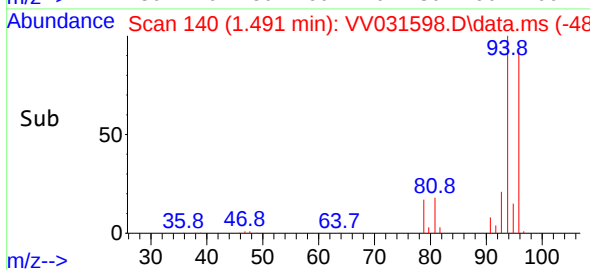
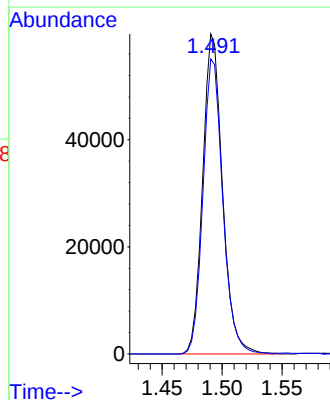
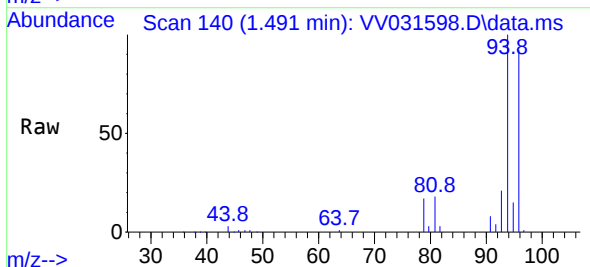
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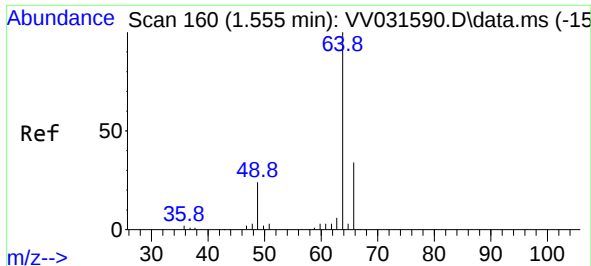
Tgt Ion: 62 Resp: 104997
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.4 43.4



#6
 Bromomethane
 Concen: 45.521 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. -0.003 min
 Lab File: VV031598.D
 Acq: 19 Jun 2023 13:38

Tgt Ion: 94 Resp: 68872
 Ion Ratio Lower Upper
 94 100
 96 93.2 65.4 121.4

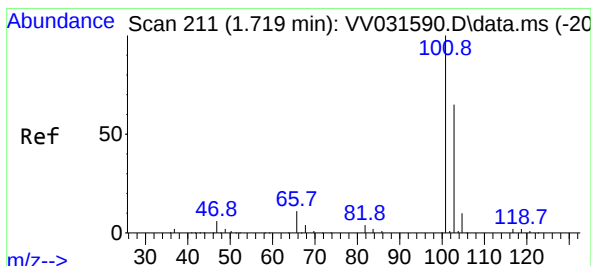
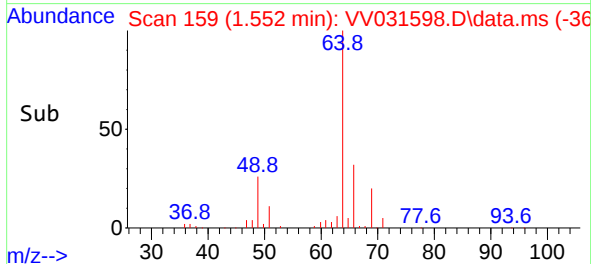
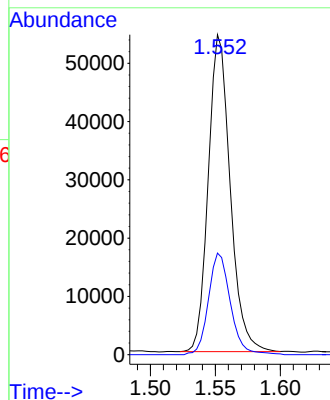
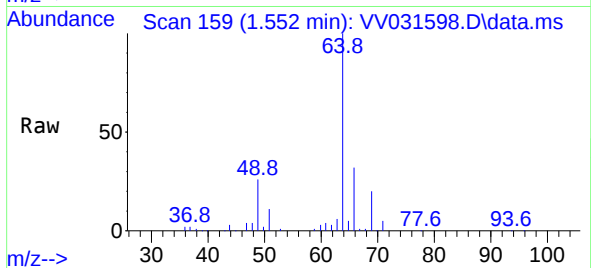




#8
Chloroethane
Concen: 42.516 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV031598.D
Acq: 19 Jun 2023 13:38

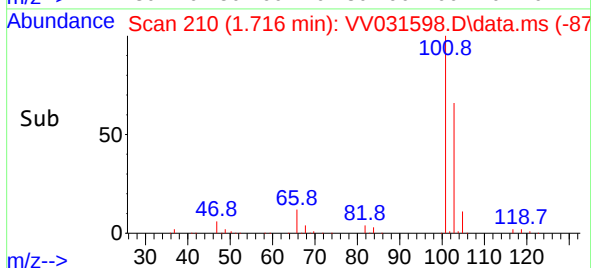
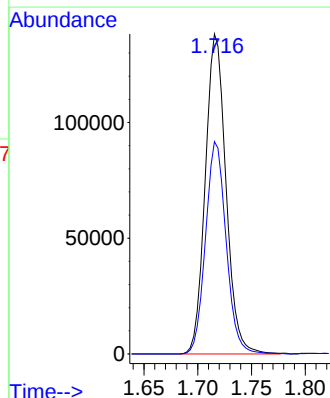
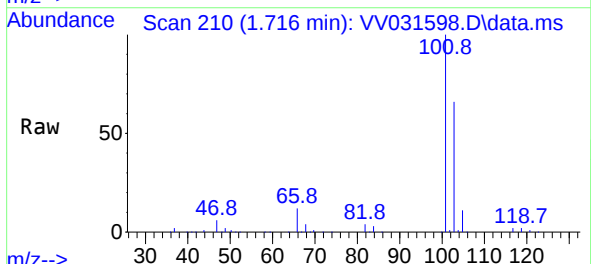
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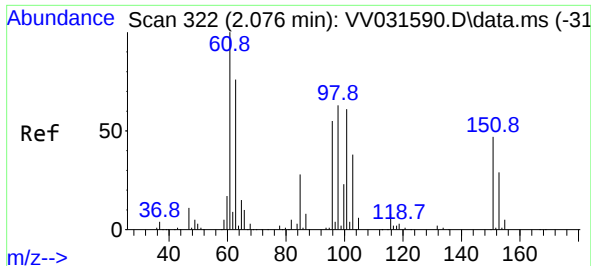
Tgt Ion: 64 Resp: 63744
Ion Ratio Lower Upper
64 100
66 31.8 21.0 39.0



#9
Trichlorofluoromethane
Concen: 47.842 ug/L
RT: 1.716 min Scan# 210
Delta R.T. -0.003 min
Lab File: VV031598.D
Acq: 19 Jun 2023 13:38

Tgt Ion:101 Resp: 184762
Ion Ratio Lower Upper
101 100
103 66.1 50.9 76.3

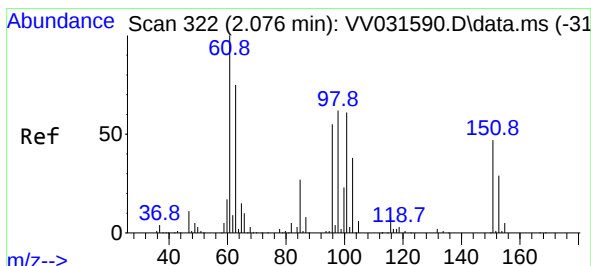
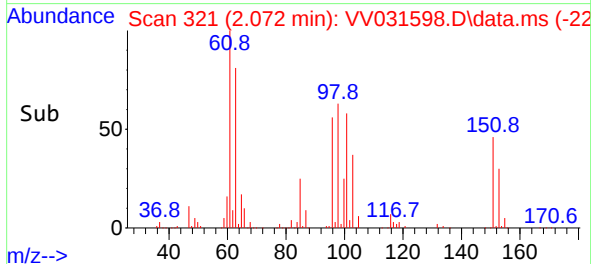
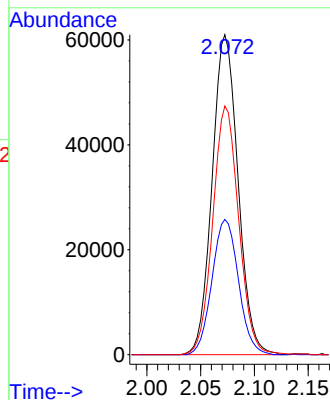
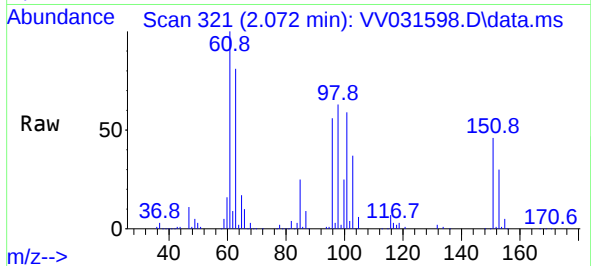




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 49.451 ug/L
RT: 2.072 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV031598.D
Acq: 19 Jun 2023 13:38

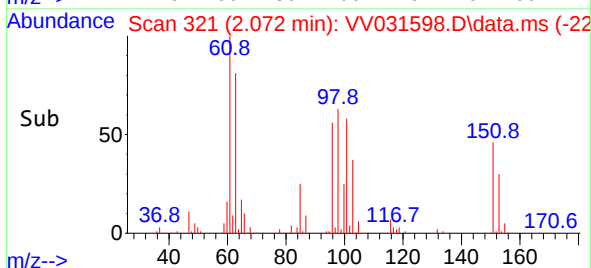
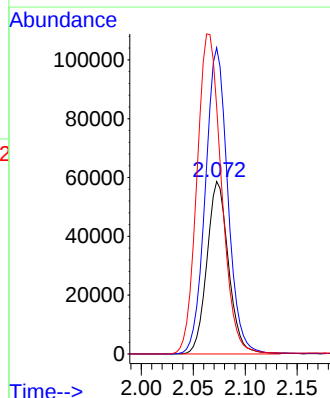
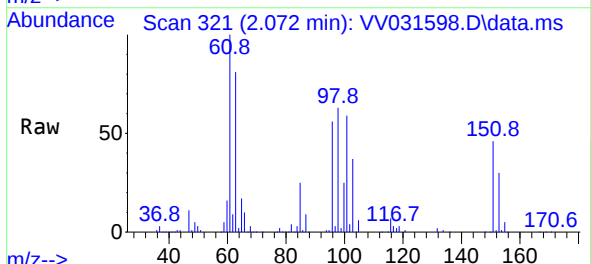
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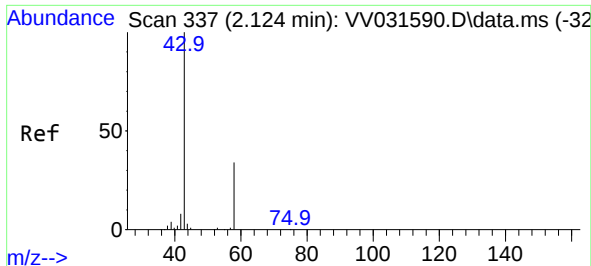
Tgt Ion:101 Resp: 102345
Ion Ratio Lower Upper
101 100
85 43.1 37.4 56.0
151 77.8 62.3 93.5



#12
1,1-Dichloroethene
Concen: 48.885 ug/L
RT: 2.072 min Scan# 321
Delta R.T. -0.003 min
Lab File: VV031598.D
Acq: 19 Jun 2023 13:38

Tgt Ion: 96 Resp: 84628
Ion Ratio Lower Upper
96 100
61 177.6 128.9 239.5
63 143.3 95.3 177.1





#13

Acetone

Concen: 80.309 ug/L

RT: 2.127 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV031598.D

Acq: 19 Jun 2023 13:38

Instrument :

MSVOA_V

ClientSampleId :

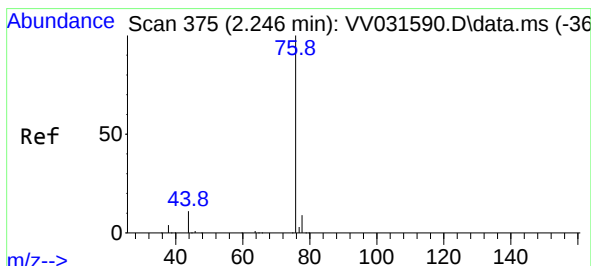
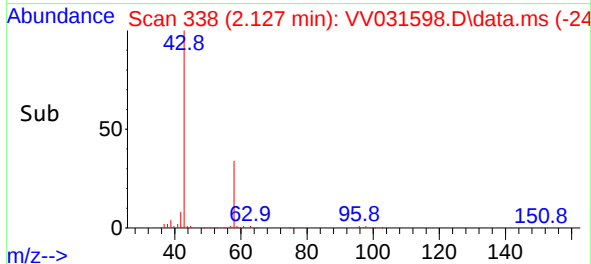
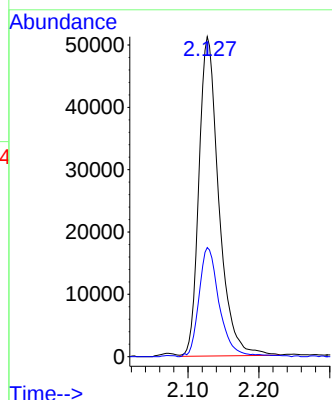
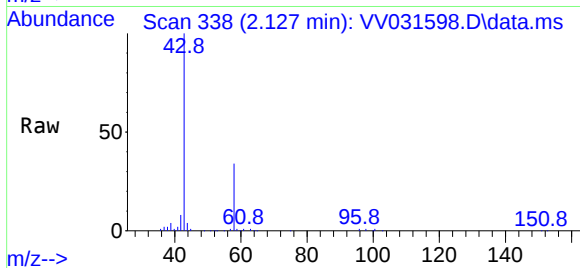
VSTD050377

Tgt Ion: 43 Resp: 99915

Ion Ratio Lower Upper

43 100

58 33.2 0.0 68.6



#14

Carbon disulfide

Concen: 48.492 ug/L

RT: 2.246 min Scan# 375

Delta R.T. 0.000 min

Lab File: VV031598.D

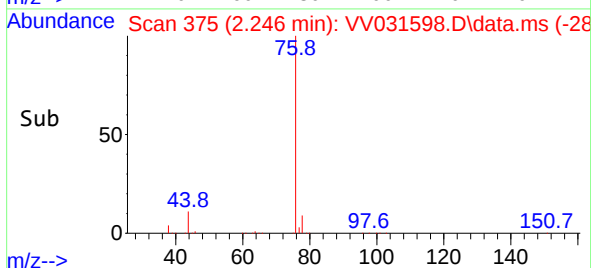
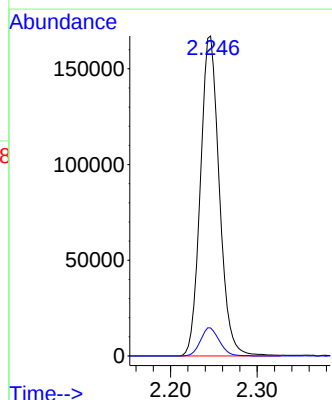
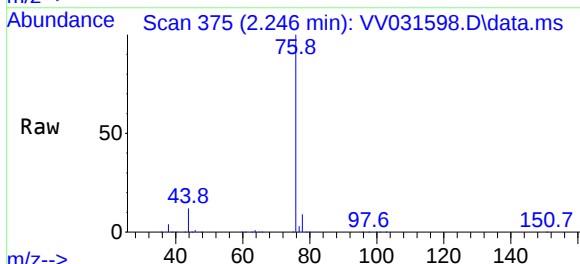
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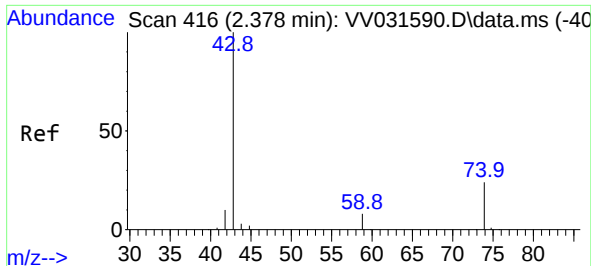
Tgt Ion: 76 Resp: 253934

Ion Ratio Lower Upper

76 100

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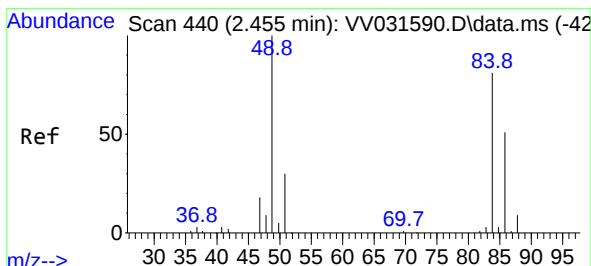
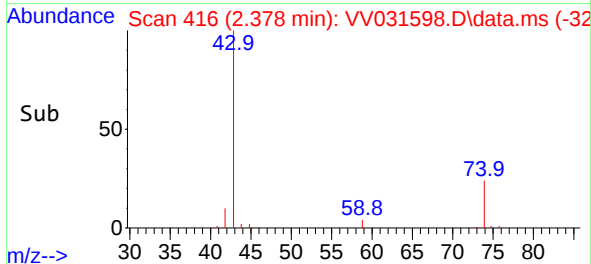
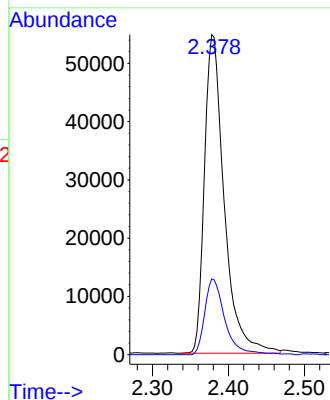
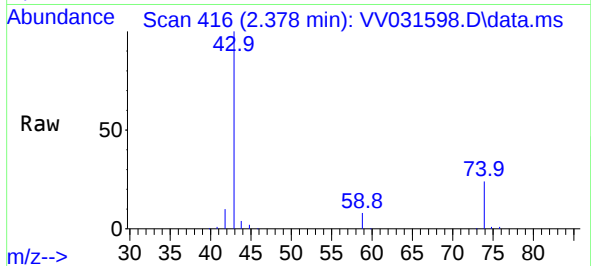




#15
Methyl Acetate
Concen: 47.206 ug/L
RT: 2.378 min Scan# 416
Delta R.T. -0.003 min
Lab File: VV031598.D
Acq: 19 Jun 2023 13:38

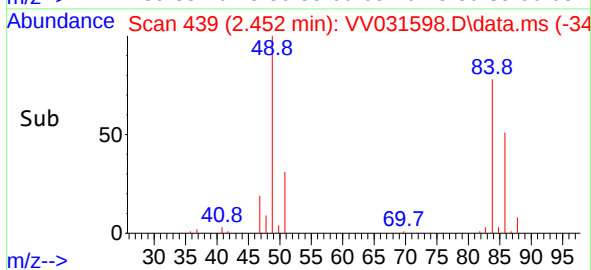
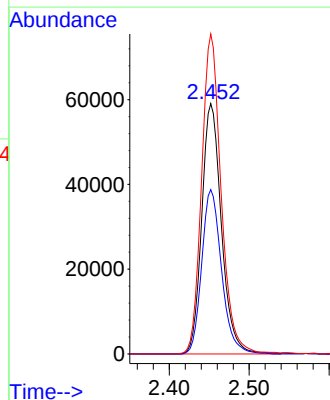
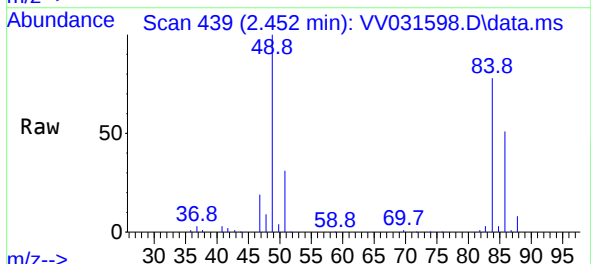
Instrument :
MSVOA_V
ClientSampleId :
VSTD050377

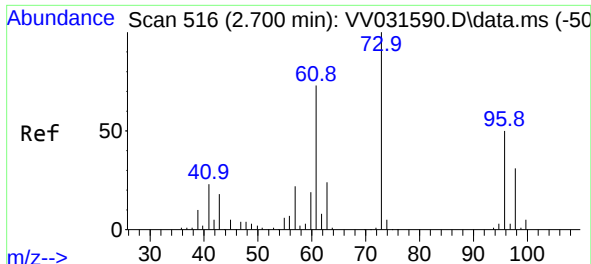
Tgt Ion: 43 Resp: 98882
Ion Ratio Lower Upper
43 100
74 23.9 17.8 26.6



#16
Methylene chloride
Concen: 46.658 ug/L
RT: 2.452 min Scan# 439
Delta R.T. -0.003 min
Lab File: VV031598.D
Acq: 19 Jun 2023 13:38

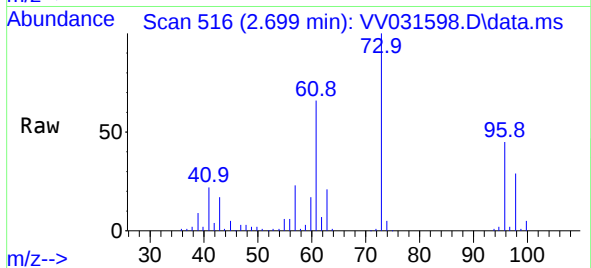
Tgt Ion: 84 Resp: 101265
Ion Ratio Lower Upper
84 100
86 65.6 45.8 85.0
49 127.8 92.1 171.1



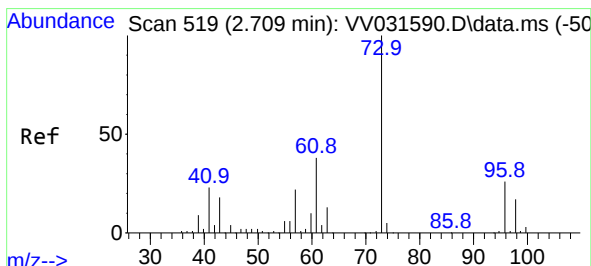
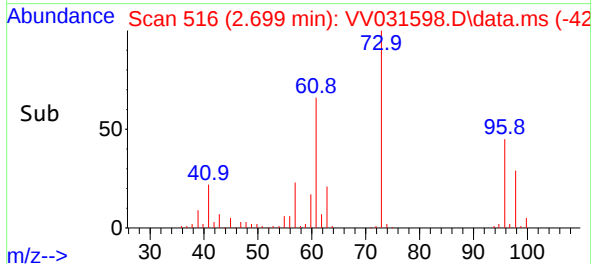
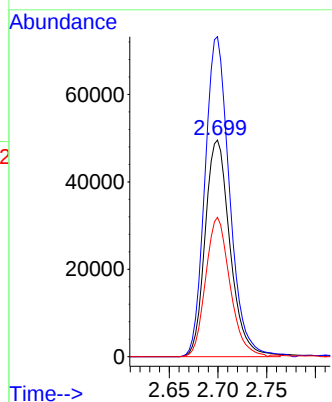


#17
trans-1,2-Dichloroethene
Concen: 48.850 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.003 min
Lab File: VV031598.D
Acq: 19 Jun 2023 13:38

Instrument :
MSVOA_V
ClientSampleId :
VSTD050377

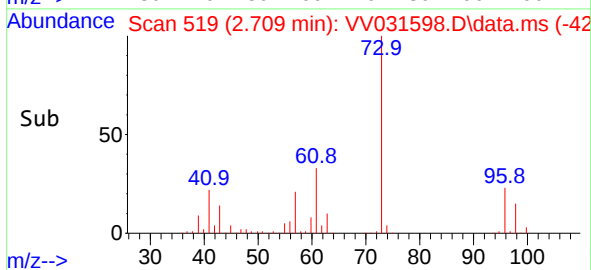
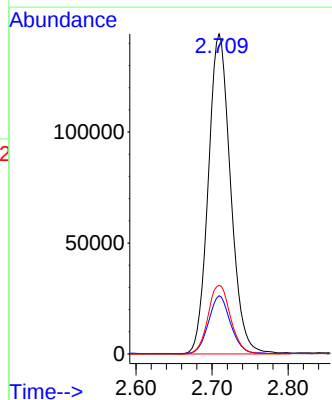
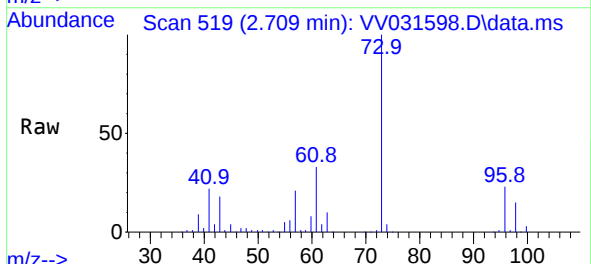


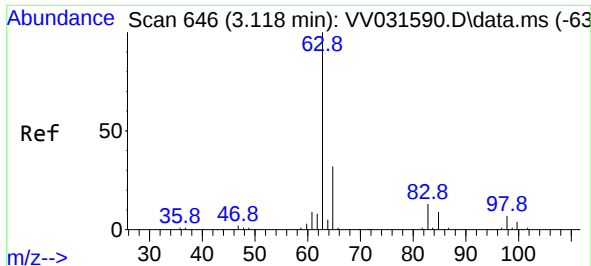
Tgt Ion: 96 Resp: 88274
Ion Ratio Lower Upper
96 100
61 140.3 102.5 190.3
98 61.1 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 48.636 ug/L
RT: 2.709 min Scan# 519
Delta R.T. -0.003 min
Lab File: VV031598.D
Acq: 19 Jun 2023 13:38

Tgt Ion: 73 Resp: 293254
Ion Ratio Lower Upper
73 100
43 17.8 15.0 22.4
57 21.8 18.2 27.4





#19

1,1-Dichloroethane

Concen: 47.397 ug/L

RT: 3.114 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV031598.D

Acq: 19 Jun 2023 13:38

Instrument :

MSVOA_V

ClientSampleId :

VSTD050377

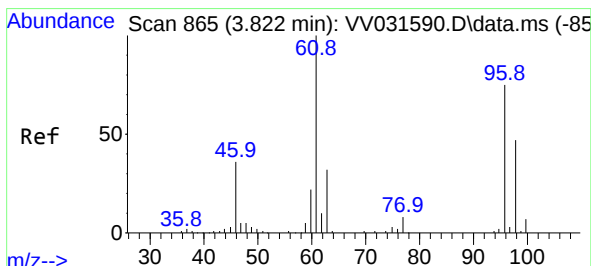
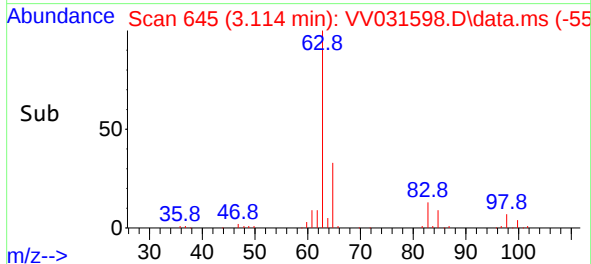
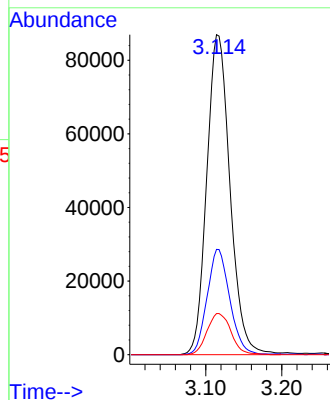
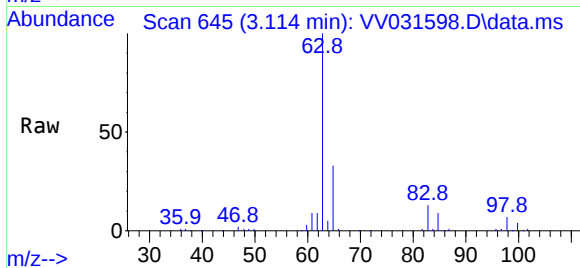
Tgt Ion: 63 Resp: 184855

Ion Ratio Lower Upper

63 100

65 32.9 22.5 41.7

83 13.6 10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 48.773 ug/L

RT: 3.818 min Scan# 864

Delta R.T. -0.006 min

Lab File: VV031598.D

Acq: 19 Jun 2023 13:38

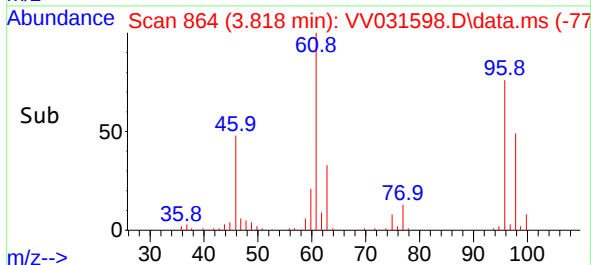
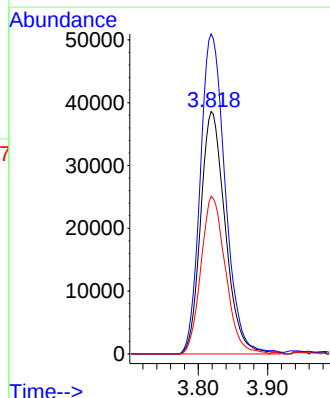
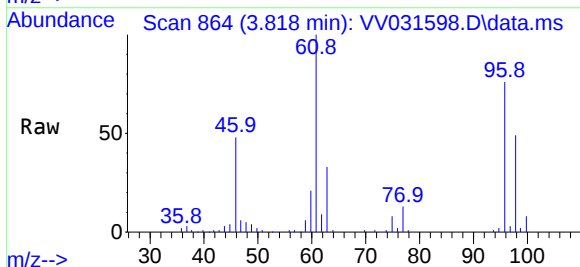
Tgt Ion: 96 Resp: 95246

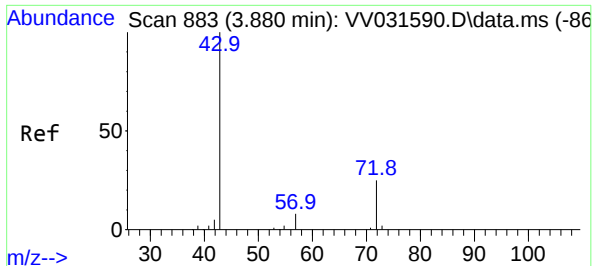
Ion Ratio Lower Upper

96 100

61 132.0 98.6 183.0

98 67.0 45.7 84.9

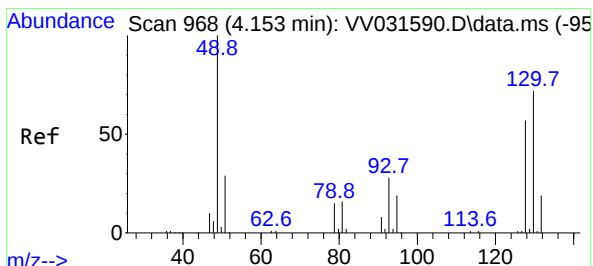
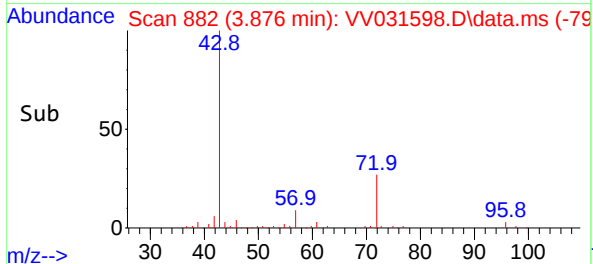
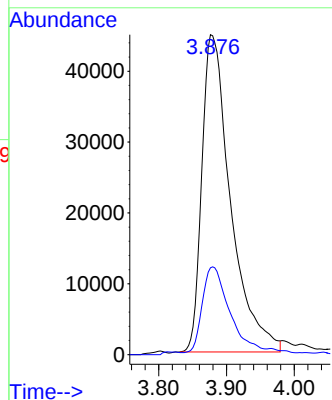
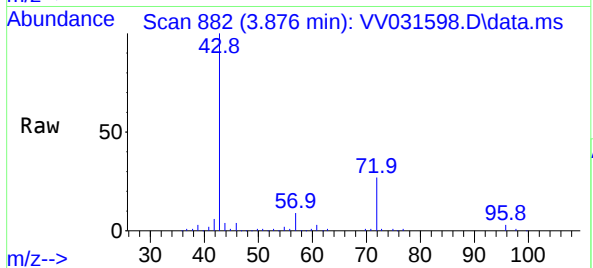




#22
2-Butanone
Concen: 84.883 ug/L
RT: 3.876 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV031598.D
Acq: 19 Jun 2023 13:38

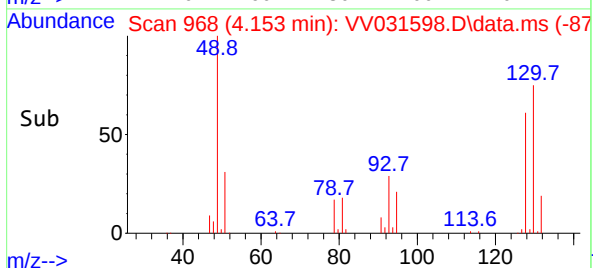
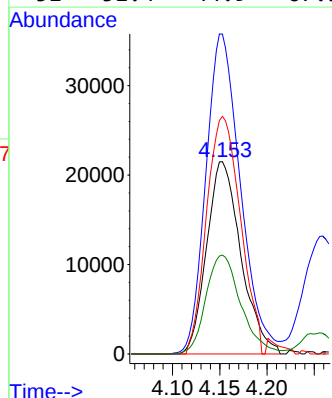
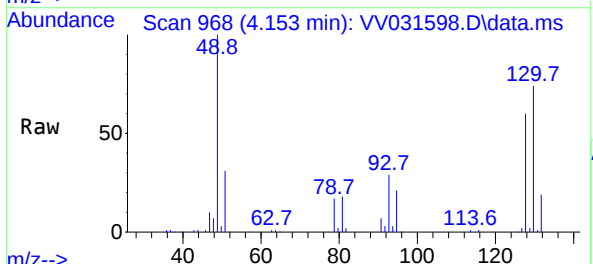
Instrument :
MSVOA_V
ClientSampleId :
VSTD050377

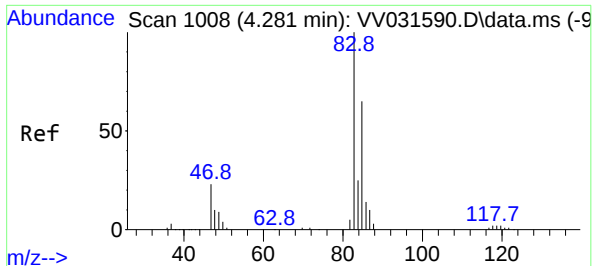
Tgt Ion: 43 Resp: 131928
Ion Ratio Lower Upper
43 100
72 25.6 12.2 36.4



#23
Bromochloromethane
Concen: 51.381 ug/L
RT: 4.153 min Scan# 968
Delta R.T. -0.003 min
Lab File: VV031598.D
Acq: 19 Jun 2023 13:38

Tgt Ion:128 Resp: 54239
Ion Ratio Lower Upper
128 100
49 166.4 120.6 224.0
130 123.6 88.1 163.7
51 51.4 44.9 67.3





#25

Chloroform

Concen: 51.363 ug/L

RT: 4.278 min Scan# 1008

Delta R.T. -0.006 min

Lab File: VV031598.D

Acq: 19 Jun 2023 13:38

Instrument :

MSVOA_V

ClientSampleId :

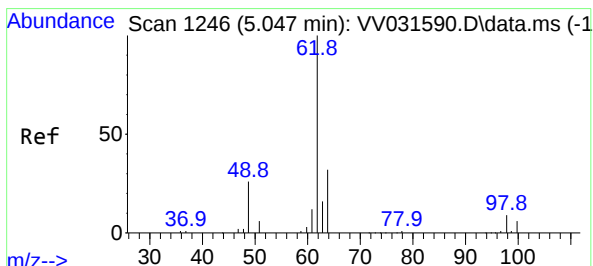
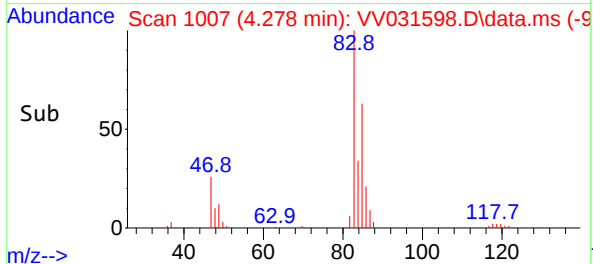
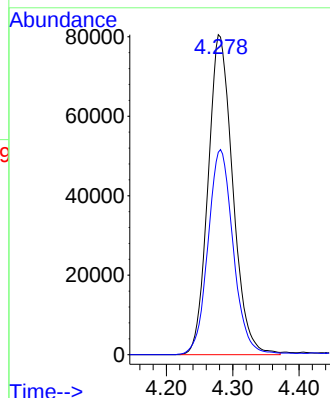
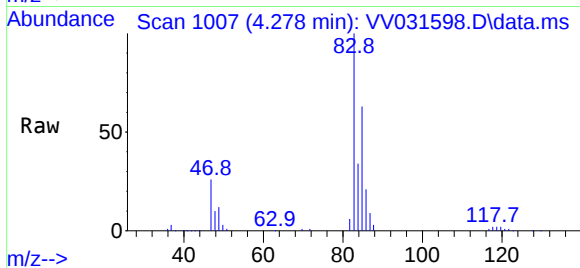
VSTD050377

Tgt Ion: 83 Resp: 208243

Ion Ratio Lower Upper

83 100

85 63.2 45.3 84.1



#27

1,2-Dichloroethane

Concen: 47.971 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. 0.000 min

Lab File: VV031598.D

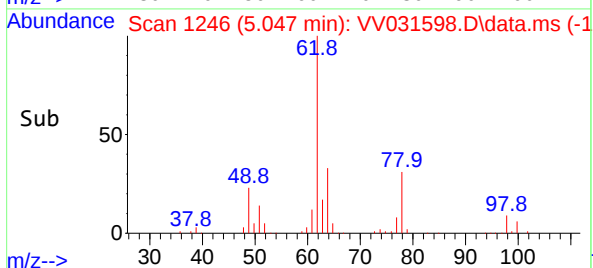
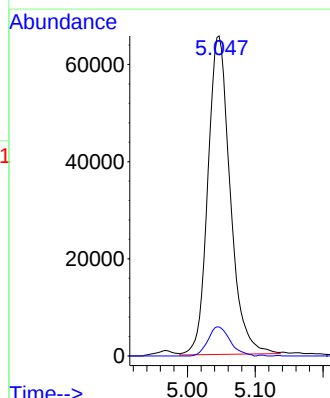
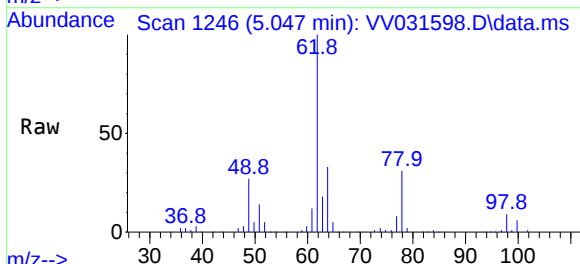
Acq: 19 Jun 2023 13:38

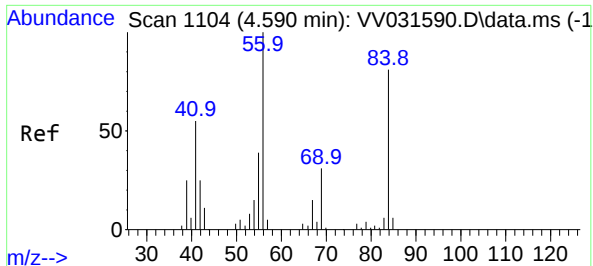
Tgt Ion: 62 Resp: 150104

Ion Ratio Lower Upper

62 100

98 9.1 6.6 9.8





#29

Cyclohexane

Concen: 45.116 ug/L

RT: 4.590 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VV031598.D

Acq: 19 Jun 2023 13:38

Instrument :

MSVOA_V

ClientSampleId :

VSTD050377

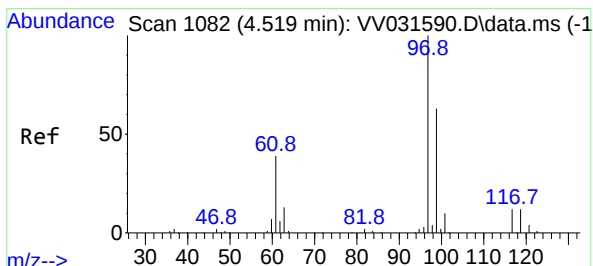
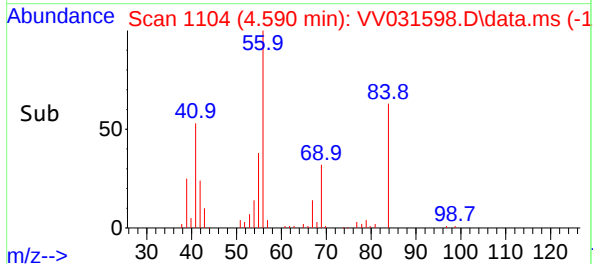
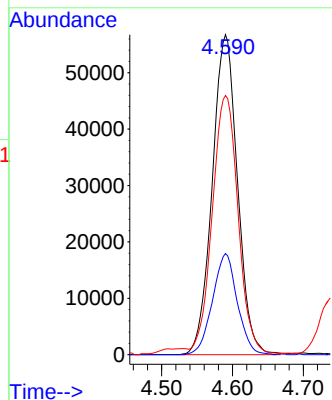
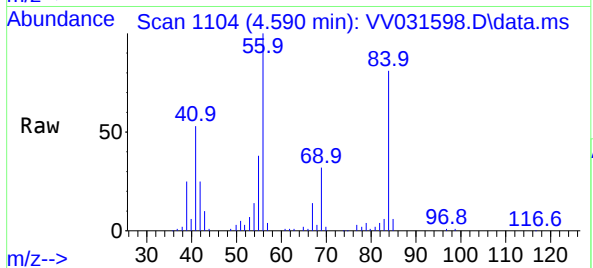
Tgt Ion: 56 Resp: 140847

Ion Ratio Lower Upper

56 100

69 30.9 24.3 36.5

84 81.8 65.0 97.6



#30

1,1,1-Trichloroethane

Concen: 47.241 ug/L

RT: 4.516 min Scan# 1081

Delta R.T. -0.003 min

Lab File: VV031598.D

Acq: 19 Jun 2023 13:38

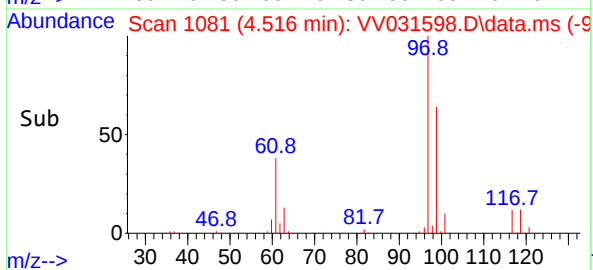
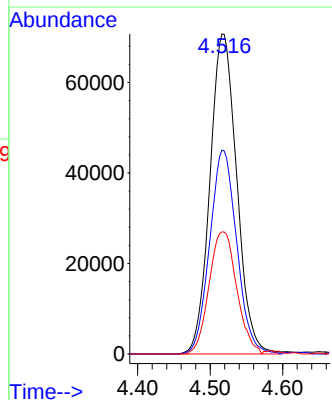
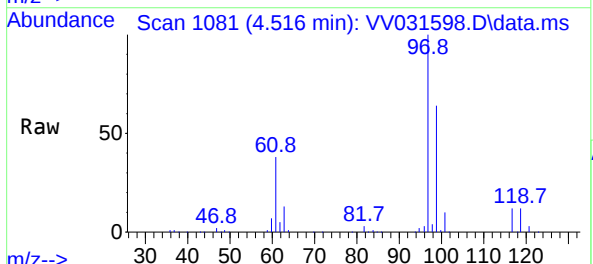
Tgt Ion: 97 Resp: 181745

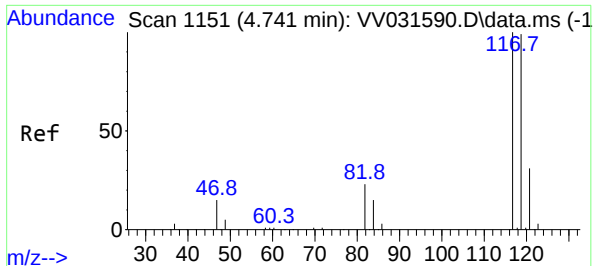
Ion Ratio Lower Upper

97 100

99 64.1 51.8 77.6

61 39.4 33.0 49.6

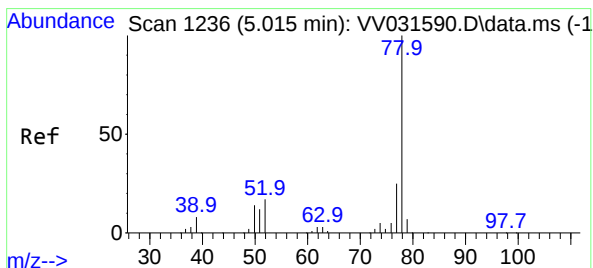
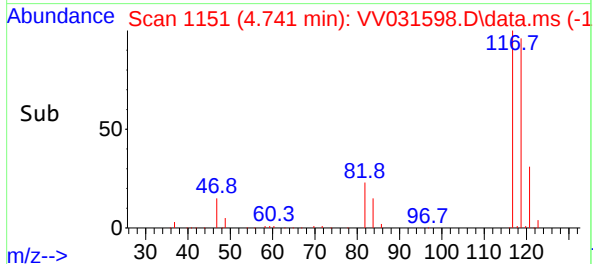
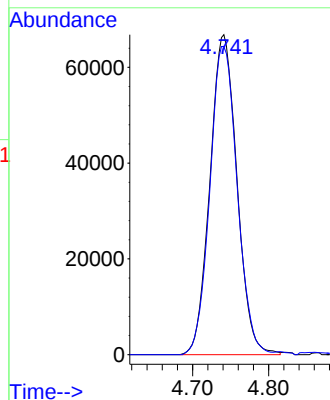
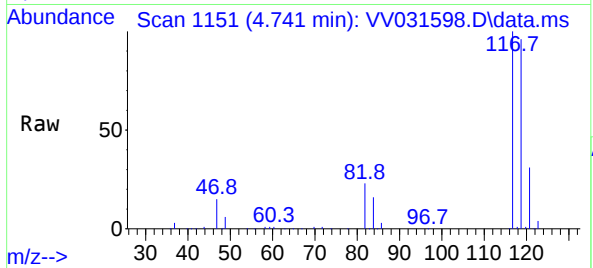




#31
Carbon tetrachloride
Concen: 48.320 ug/L
RT: 4.741 min Scan# 1151
Delta R.T. -0.003 min
Lab File: VV031598.D
Acq: 19 Jun 2023 13:38

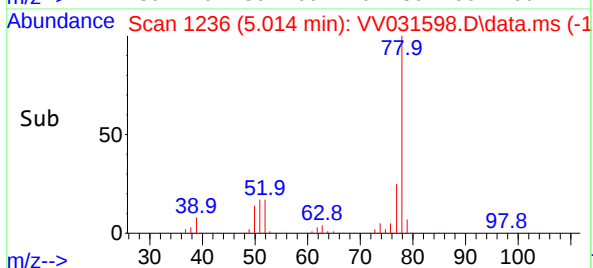
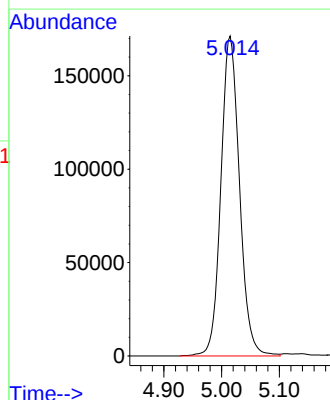
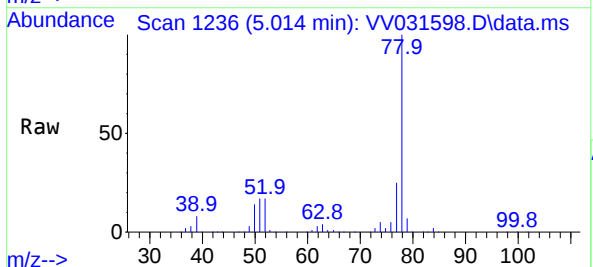
Instrument :
MSVOA_V
ClientSampleId :
VSTD050377

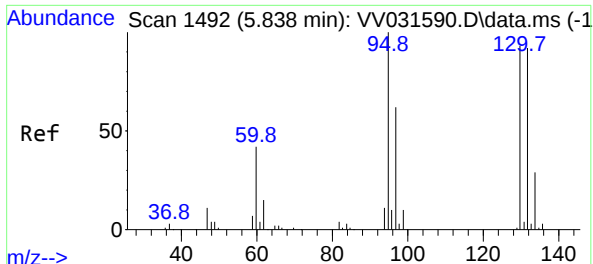
Tgt Ion:117 Resp: 164711
Ion Ratio Lower Upper
117 100
119 97.5 76.2 114.4



#33
Benzene
Concen: 47.986 ug/L
RT: 5.014 min Scan# 1236
Delta R.T. -0.003 min
Lab File: VV031598.D
Acq: 19 Jun 2023 13:38

Tgt Ion: 78 Resp: 383360

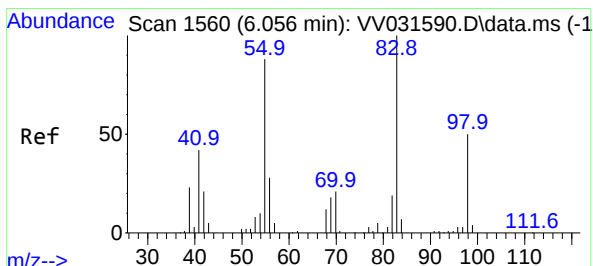
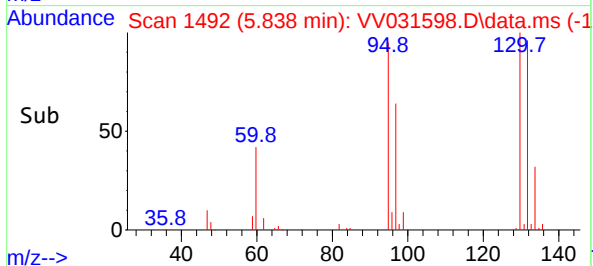
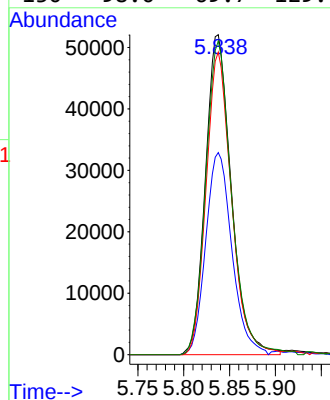
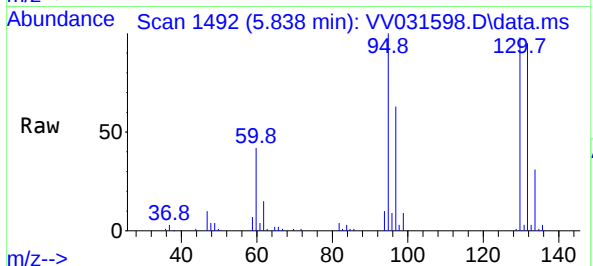




#34
Trichloroethene
Concen: 47.899 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.000 min
Lab File: VV031598.D
Acq: 19 Jun 2023 13:38

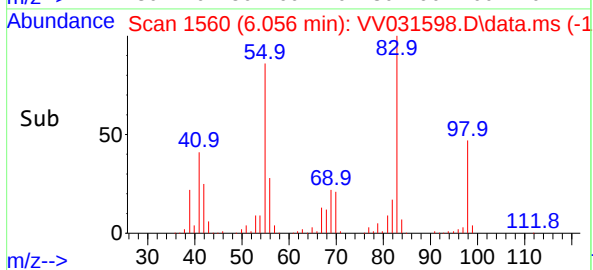
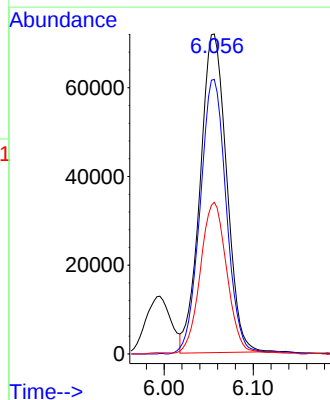
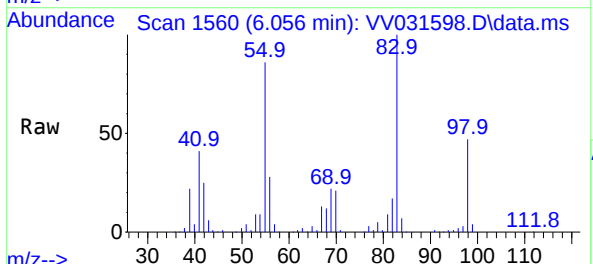
Instrument :
MSVOA_V
ClientSampleId :
VSTD050377

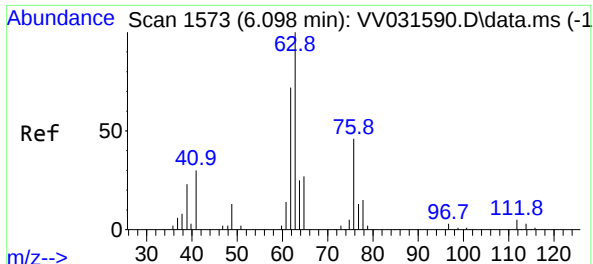
Tgt Ion: 95 Resp: 102255
Ion Ratio Lower Upper
95 100
97 65.9 46.8 86.8
132 97.0 66.4 123.2
130 98.0 69.7 129.4



#35
Methylcyclohexane
Concen: 47.152 ug/L
RT: 6.056 min Scan# 1560
Delta R.T. 0.000 min
Lab File: VV031598.D
Acq: 19 Jun 2023 13:38

Tgt Ion: 83 Resp: 148318
Ion Ratio Lower Upper
83 100
55 85.3 68.7 103.1
98 47.2 37.0 55.4

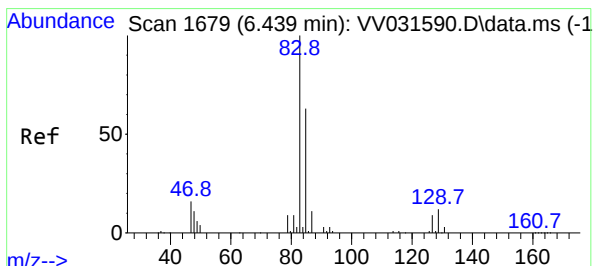
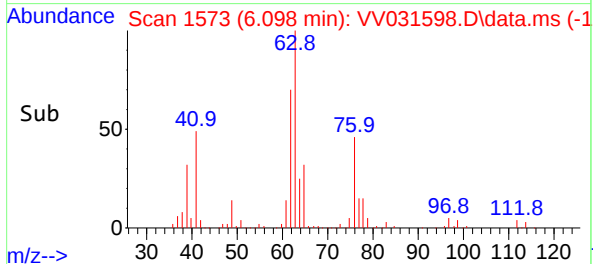
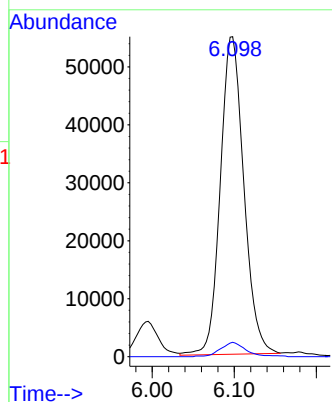
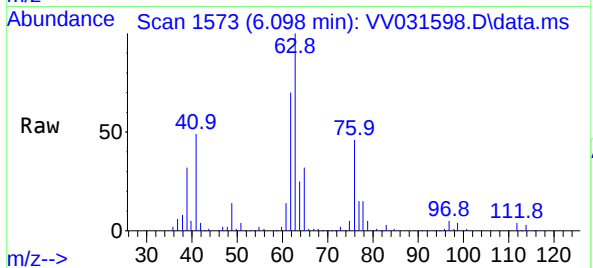




#37
1,2-Dichloropropane
Concen: 46.634 ug/L
RT: 6.098 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV031598.D
Acq: 19 Jun 2023 13:38

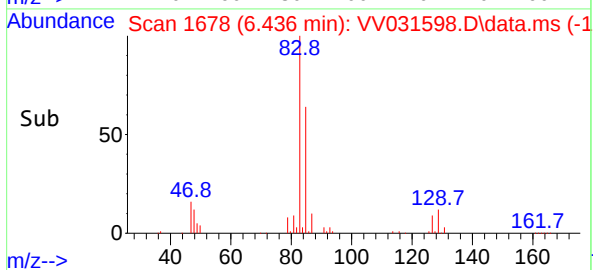
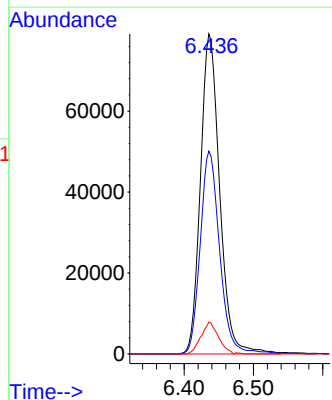
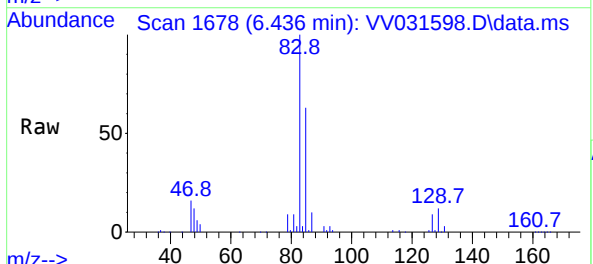
Instrument :
MSVOA_V
ClientSampleId :
VSTD050377

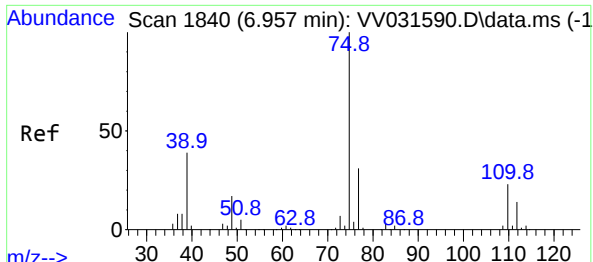
Tgt Ion: 63 Resp: 109399
Ion Ratio Lower Upper
63 100
112 4.9 3.3 4.9



#38
Bromodichloromethane
Concen: 48.102 ug/L
RT: 6.436 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VV031598.D
Acq: 19 Jun 2023 13:38

Tgt Ion: 83 Resp: 152528
Ion Ratio Lower Upper
83 100
85 61.8 45.3 84.1
127 9.7 7.6 11.4

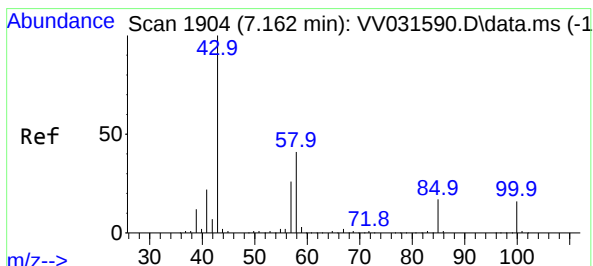
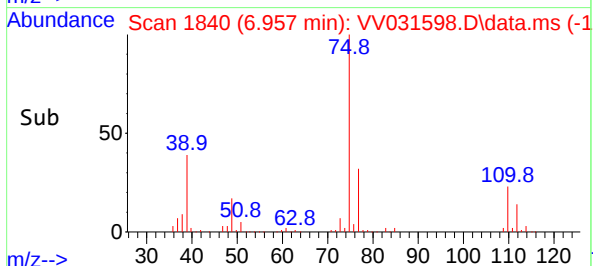
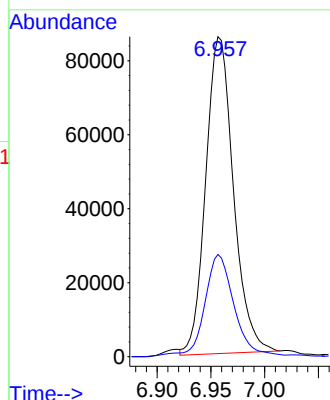
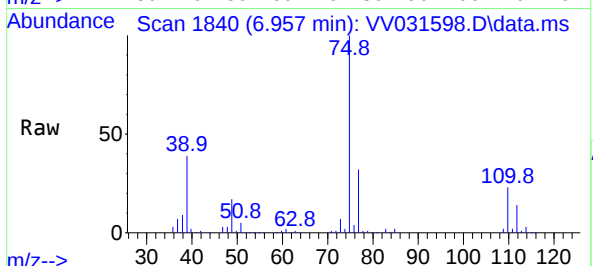




#39
cis-1,3-Dichloropropene
Concen: 44.098 ug/L
RT: 6.957 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV031598.D
Acq: 19 Jun 2023 13:38

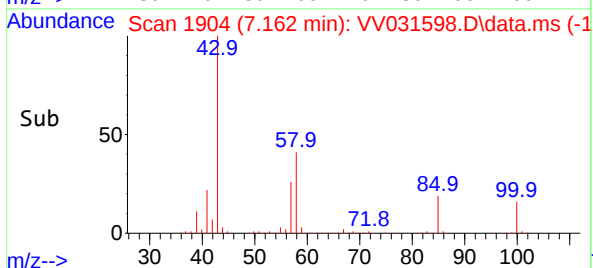
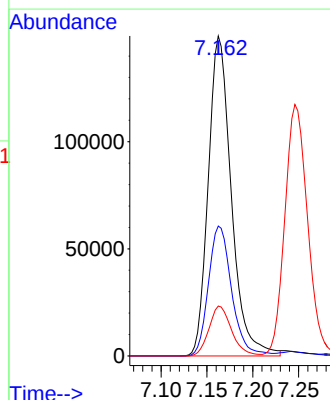
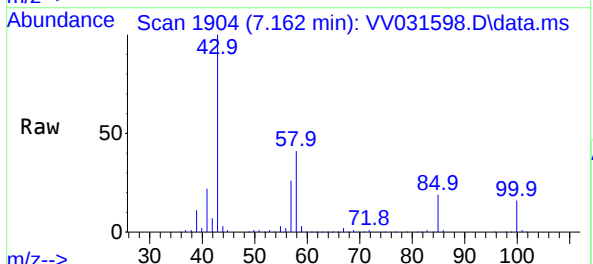
Instrument :
MSVOA_V
ClientSampleId :
VSTD050377

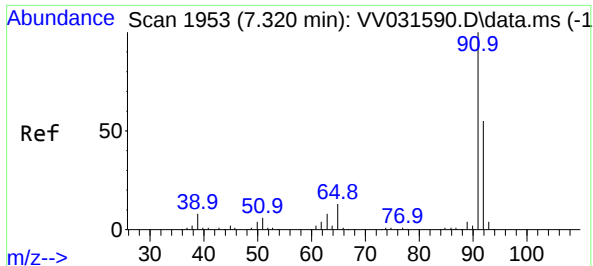
Tgt Ion: 75 Resp: 153565
Ion Ratio Lower Upper
75 100
77 32.0 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 95.039 ug/L
RT: 7.162 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VV031598.D
Acq: 19 Jun 2023 13:38

Tgt Ion: 43 Resp: 261796
Ion Ratio Lower Upper
43 100
58 40.9 31.8 47.8
100 15.3 11.1 16.7





#42

Toluene

Concen: 49.927 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VV031598.D

Acq: 19 Jun 2023 13:38

Instrument :

MSVOA_V

ClientSampleId :

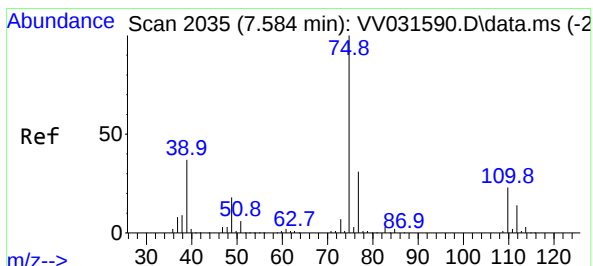
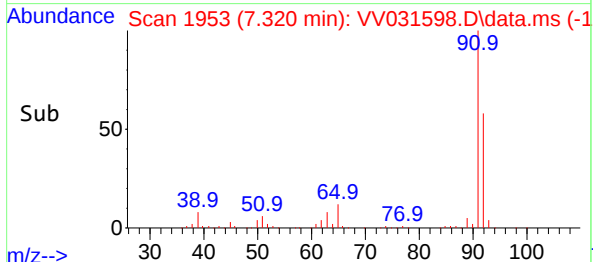
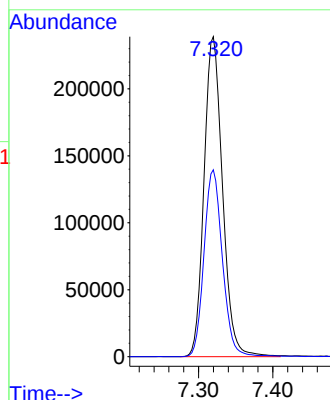
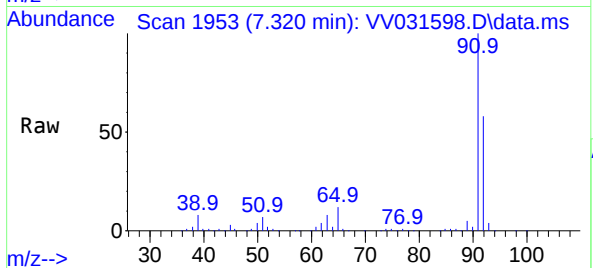
VSTD050377

Tgt Ion: 91 Resp: 413557

Ion Ratio Lower Upper

91 100

92 58.4 39.6 73.6



#44

trans-1,3-Dichloropropene

Concen: 48.319 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. -0.003 min

Lab File: VV031598.D

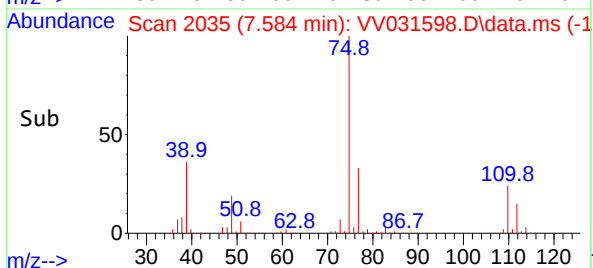
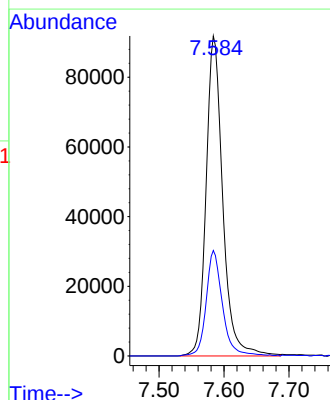
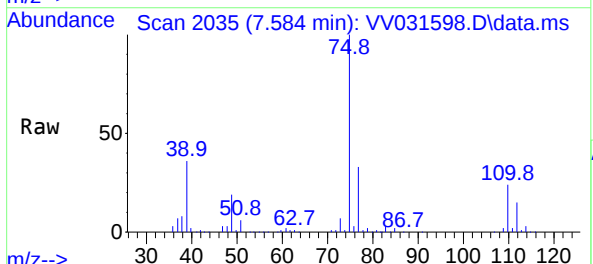
Acq: 19 Jun 2023 13:38

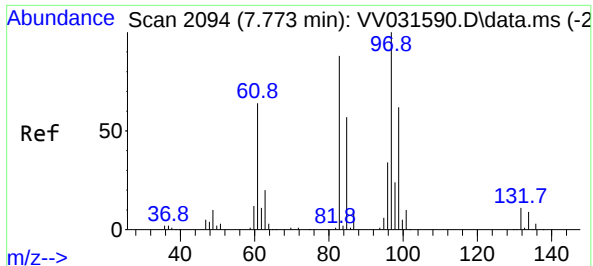
Tgt Ion: 75 Resp: 163863

Ion Ratio Lower Upper

75 100

77 33.0 22.1 41.1



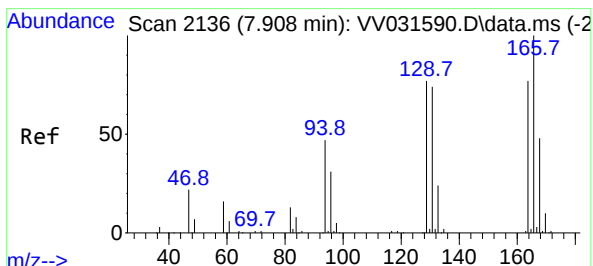
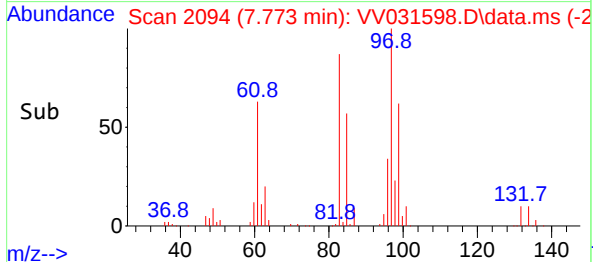
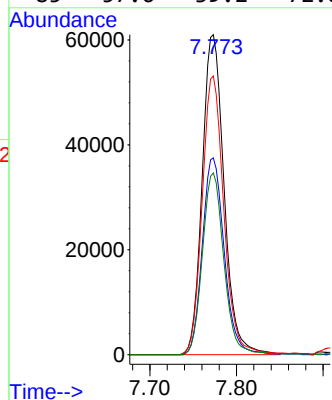
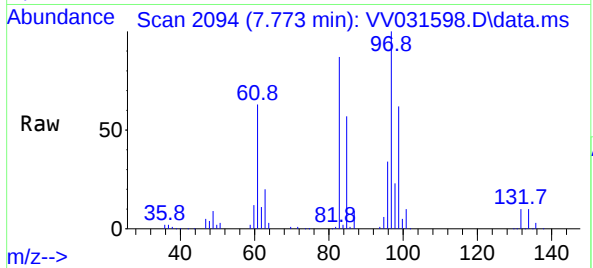


#45
1,1,2-Trichloroethane
Concen: 48.249 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. 0.000 min
Lab File: VV031598.D
Acq: 19 Jun 2023 13:38

Instrument :
MSVOA_V
ClientSampleId :
VSTD050377

Tgt Ion: 97 Resp: 106924

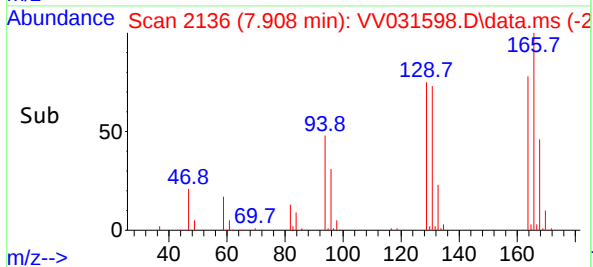
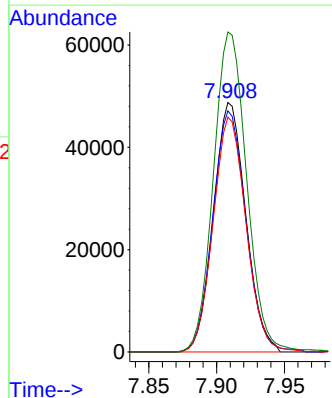
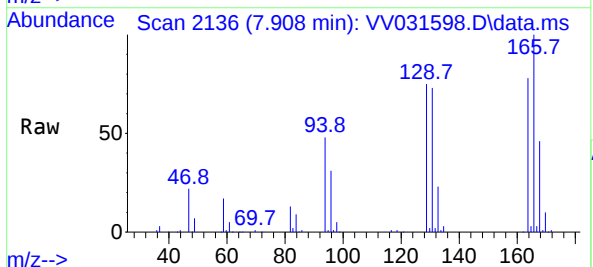
Ion	Ratio	Lower	Upper
97	100		
99	61.5	43.7	81.1
83	87.1	60.9	113.1
85	57.6	39.2	72.8

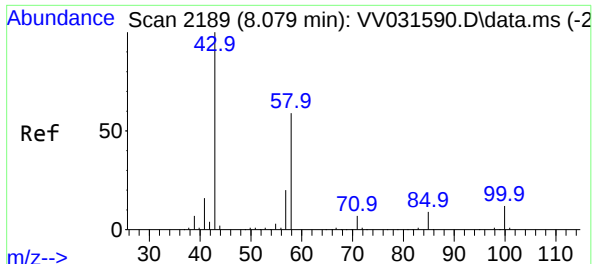


#46
Tetrachloroethene
Concen: 48.236 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.003 min
Lab File: VV031598.D
Acq: 19 Jun 2023 13:38

Tgt Ion: 164 Resp: 80819

Ion	Ratio	Lower	Upper
164	100		
129	93.5	68.4	127.0
131	93.3	67.6	125.6
166	127.3	91.3	169.5

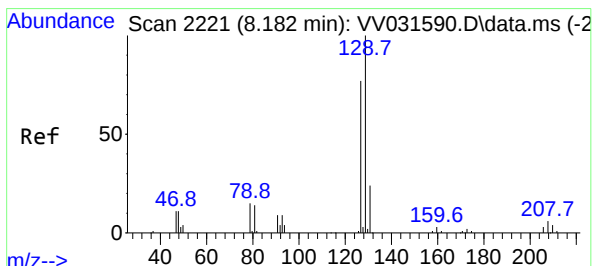
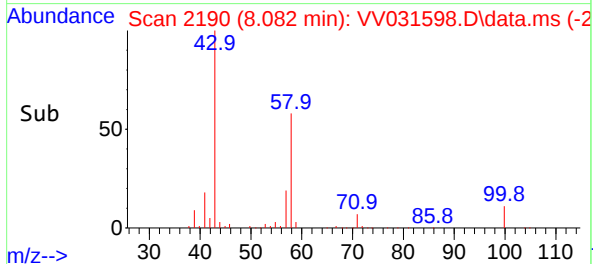
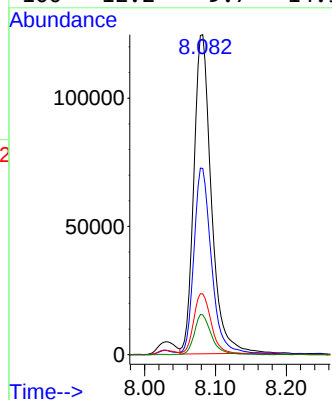
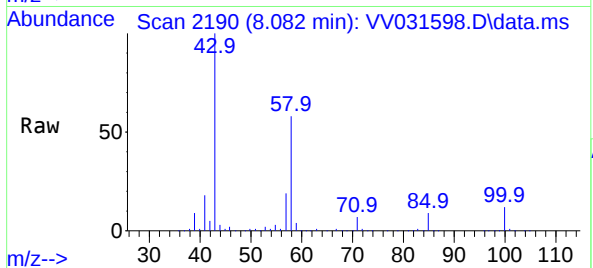




#48
2-Hexanone
Concen: 97.287 ug/L
RT: 8.082 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV031598.D
Acq: 19 Jun 2023 13:38

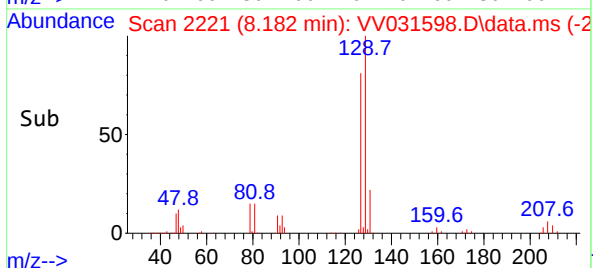
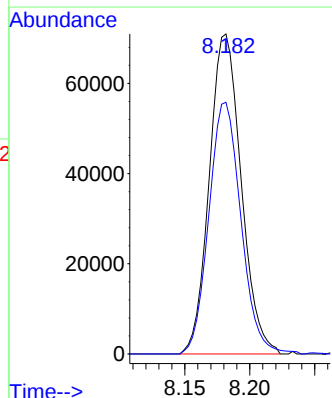
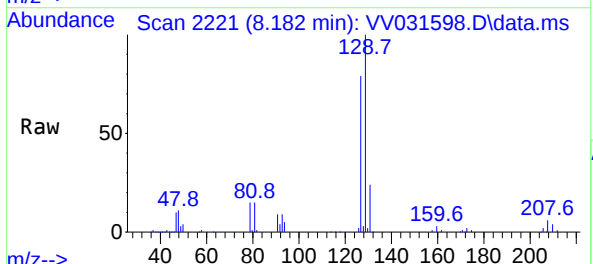
Instrument :
MSVOA_V
ClientSampleId :
VSTD050377

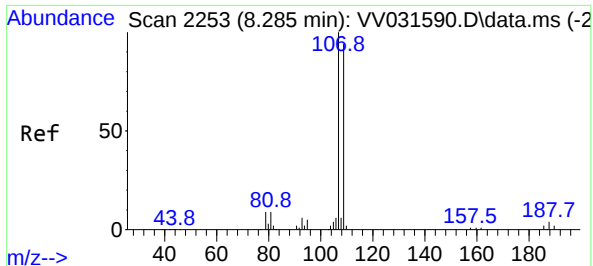
Tgt Ion: 43 Resp: 214031
Ion Ratio Lower Upper
43 100
58 57.8 46.7 70.1
57 19.0 15.5 23.3
100 12.2 9.7 14.5



#49
Dibromochloromethane
Concen: 49.174 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. 0.000 min
Lab File: VV031598.D
Acq: 19 Jun 2023 13:38

Tgt Ion: 129 Resp: 121117
Ion Ratio Lower Upper
129 100
127 77.4 55.8 103.6

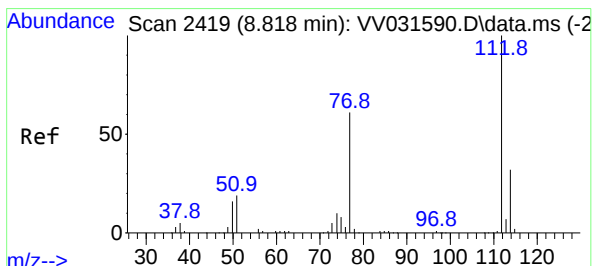
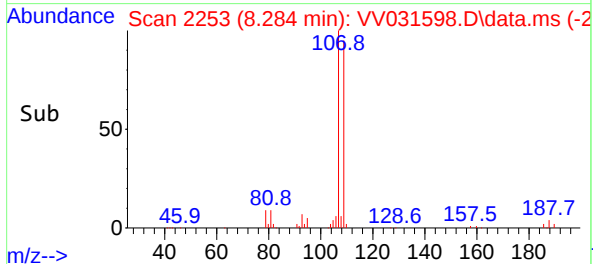
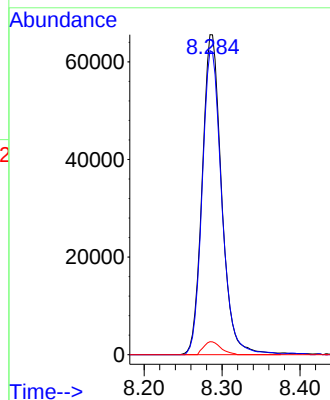
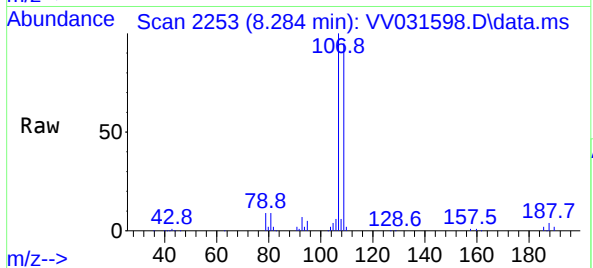




#50
1,2-Dibromoethane
Concen: 48.169 ug/L
RT: 8.284 min Scan# 211
Delta R.T. -0.003 min
Lab File: VV031598.D
Acq: 19 Jun 2023 13:38

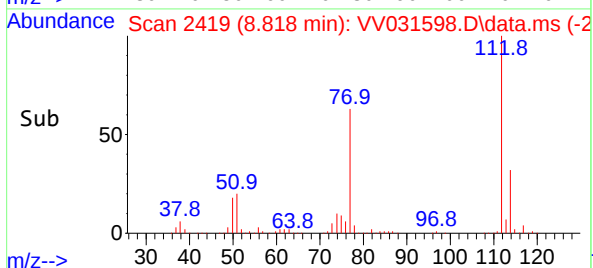
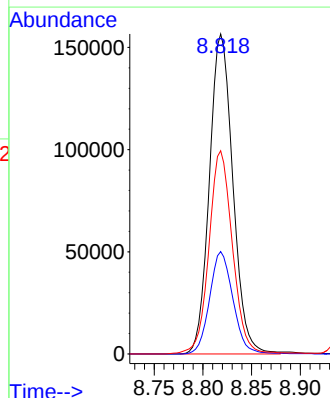
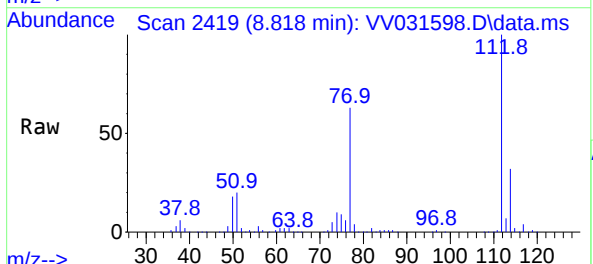
Instrument :
MSVOA_V
ClientSampleId :
VSTD050377

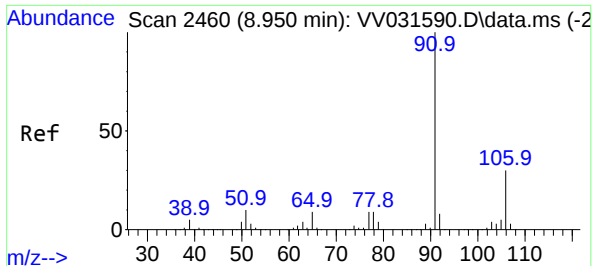
Tgt Ion:107 Resp: 113663
Ion Ratio Lower Upper
107 100
109 95.0 65.7 122.1
188 4.0 2.6 4.0#



#51
Chlorobenzene
Concen: 47.880 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.000 min
Lab File: VV031598.D
Acq: 19 Jun 2023 13:38

Tgt Ion:112 Resp: 262673
Ion Ratio Lower Upper
112 100
114 32.0 22.9 42.5
77 63.5 52.5 78.7

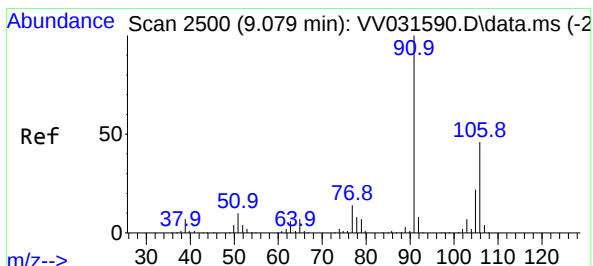
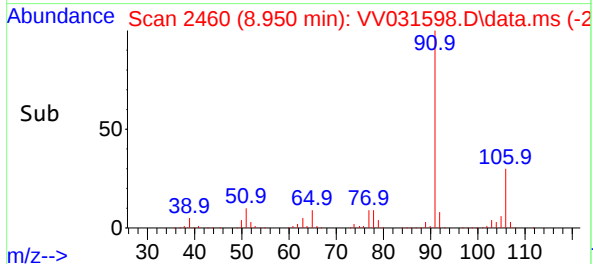
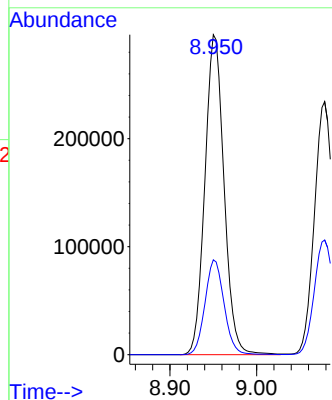
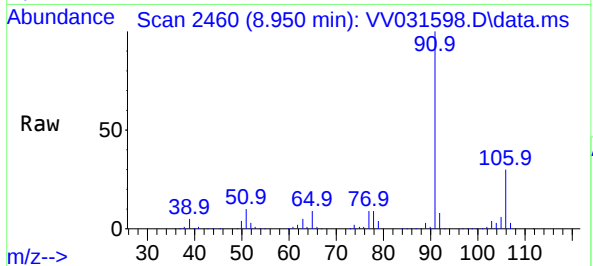




#52
Ethylbenzene
Concen: 49.195 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. 0.000 min
Lab File: VV031598.D
Acq: 19 Jun 2023 13:38

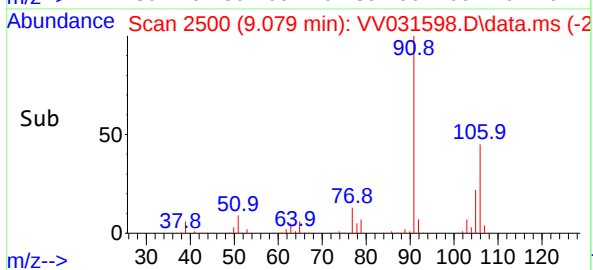
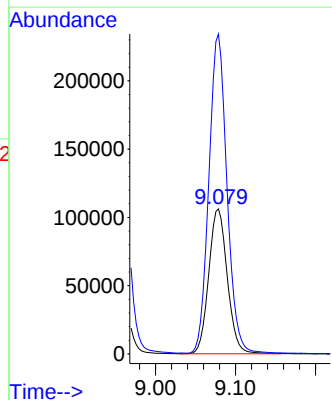
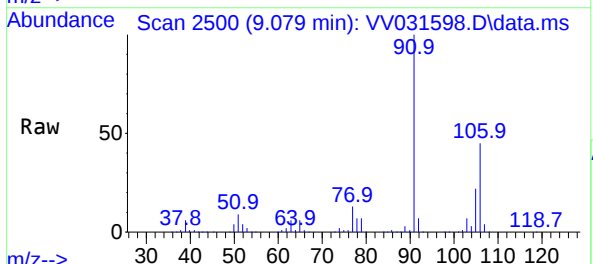
Instrument :
MSVOA_V
ClientSampleId :
VSTD050377

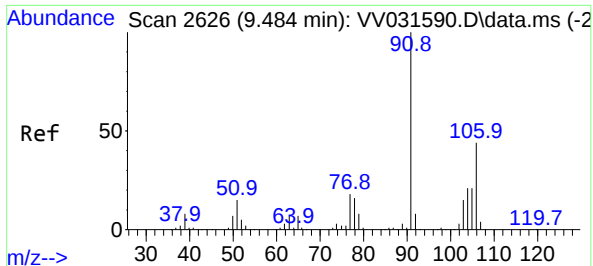
Tgt Ion: 91 Resp: 454697
Ion Ratio Lower Upper
91 100
106 29.6 20.8 38.6



#53
m,p-Xylene
Concen: 50.667 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.000 min
Lab File: VV031598.D
Acq: 19 Jun 2023 13:38

Tgt Ion: 106 Resp: 171497
Ion Ratio Lower Upper
106 100
91 220.6 149.0 276.6

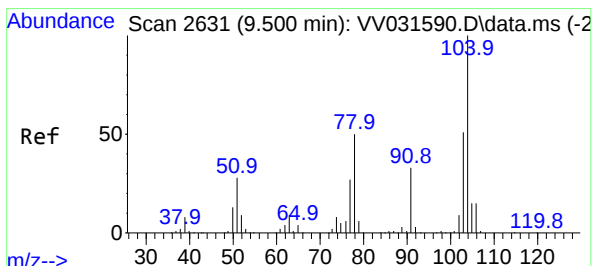
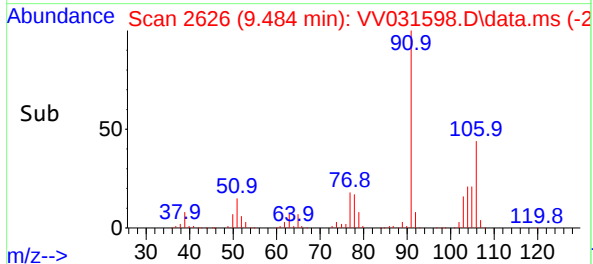
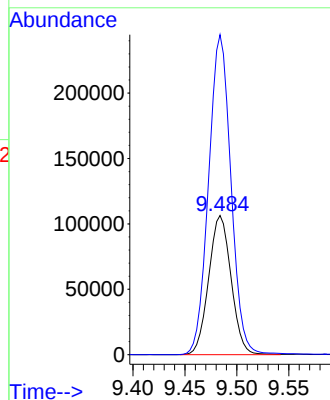
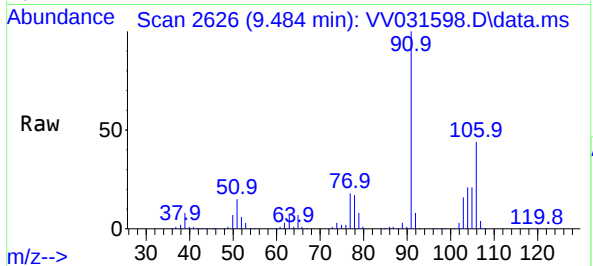




#54
o-Xylene
Concen: 49.705 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV031598.D
Acq: 19 Jun 2023 13:38

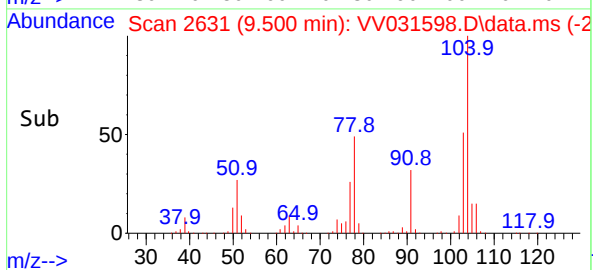
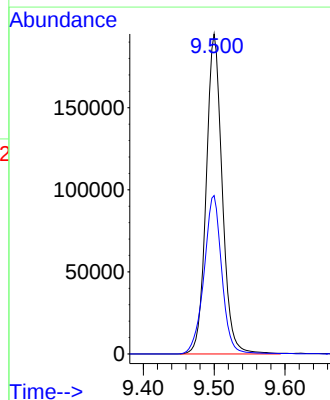
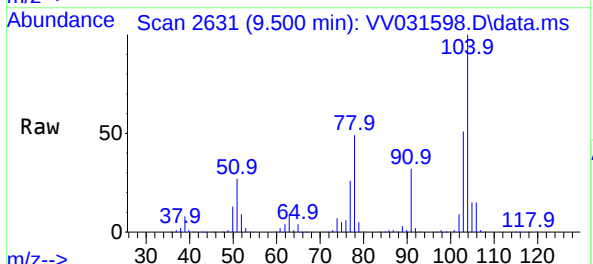
Instrument :
MSVOA_V
ClientSampleId :
VSTD050377

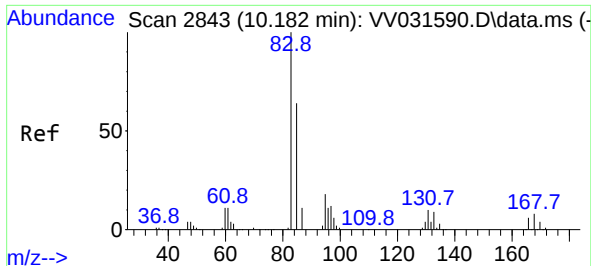
Tgt Ion:106 Resp: 159657
Ion Ratio Lower Upper
106 100
91 229.8 161.3 299.7



#55
Styrene
Concen: 53.396 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV031598.D
Acq: 19 Jun 2023 13:38

Tgt Ion:104 Resp: 306309
Ion Ratio Lower Upper
104 100
78 49.5 35.1 65.3

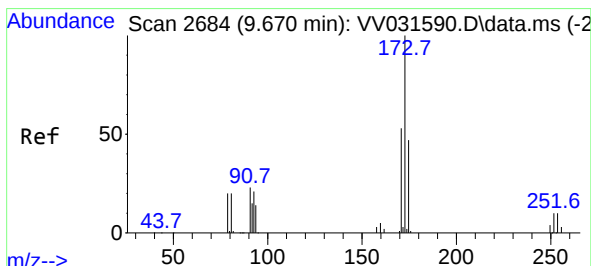
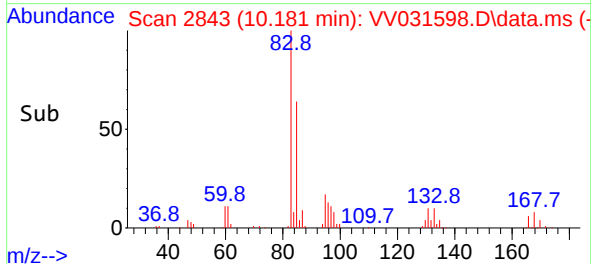
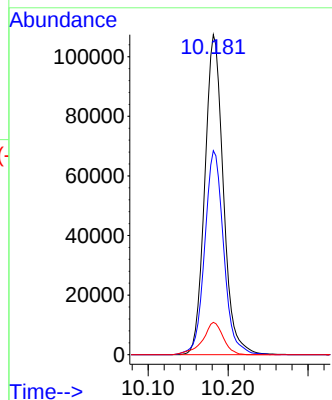
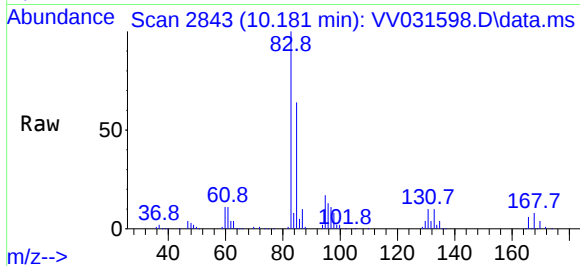




#57
1,1,2,2-Tetrachloroethane
Concen: 47.833 ug/L
RT: 10.181 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VV031598.D
Acq: 19 Jun 2023 13:38

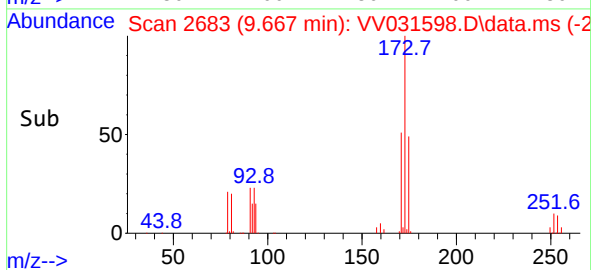
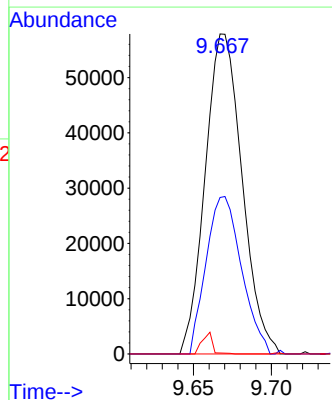
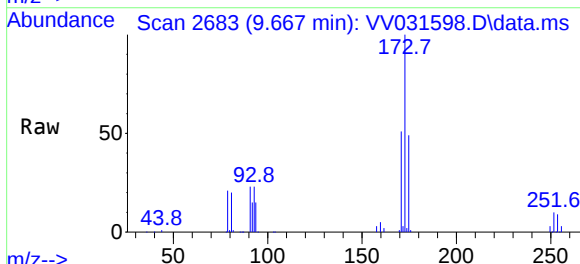
Instrument :
MSVOA_V
ClientSampleId :
VSTD050377

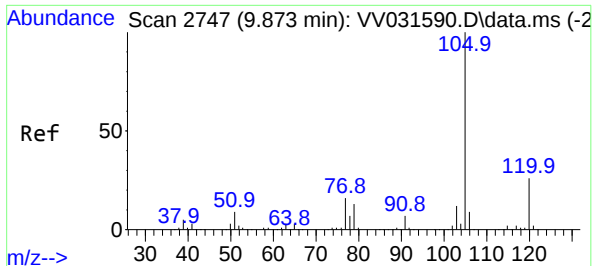
Tgt Ion: 83 Resp: 173200
Ion Ratio Lower Upper
83 100
85 63.7 43.1 80.1
131 13.8 10.6 16.0



#59
Bromoform
Concen: 50.928 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. -0.003 min
Lab File: VV031598.D
Acq: 19 Jun 2023 13:38

Tgt Ion: 173 Resp: 95352
Ion Ratio Lower Upper
173 100
175 47.1 37.7 56.5
254 1.9 0.1 0.1#

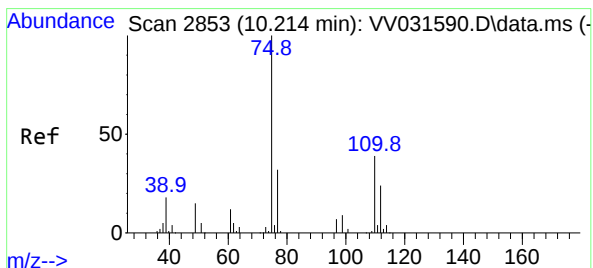
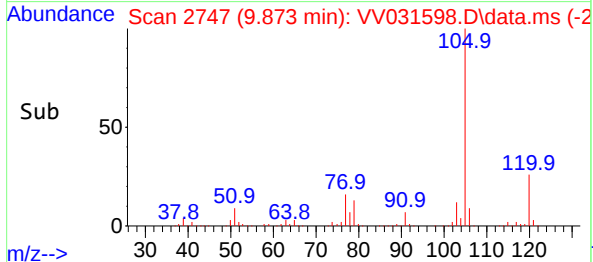
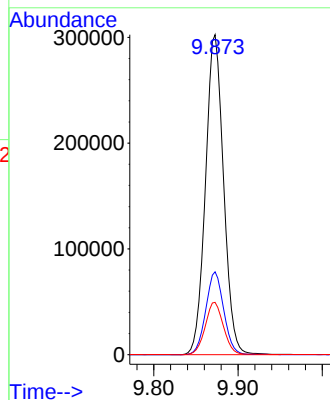
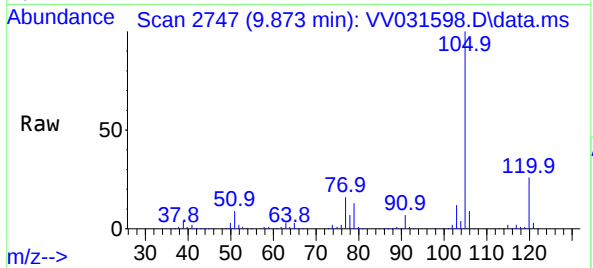




#60
Isopropylbenzene
Concen: 47.116 ug/L
RT: 9.873 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031598.D
Acq: 19 Jun 2023 13:38

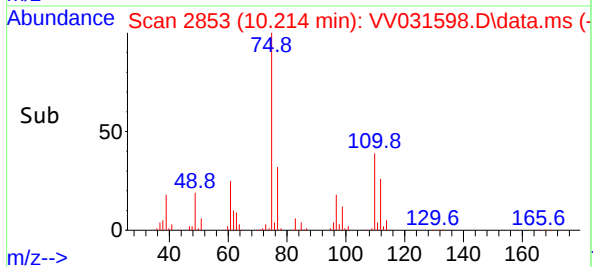
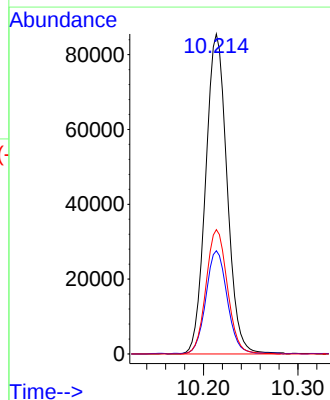
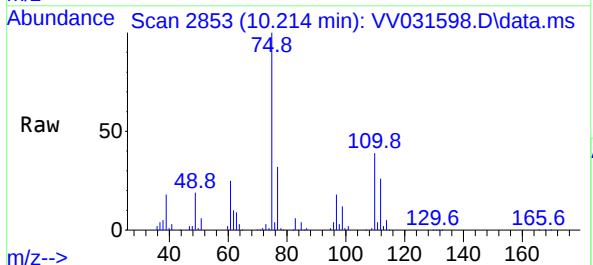
Instrument :
MSVOA_V
ClientSampleId :
VSTD050377

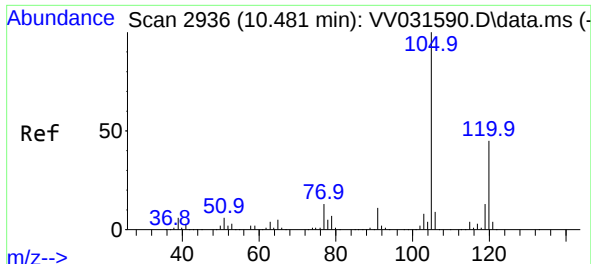
Tgt Ion:105 Resp: 453696
Ion Ratio Lower Upper
105 100
120 25.6 20.2 30.2
77 16.5 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 45.085 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV031598.D
Acq: 19 Jun 2023 13:38

Tgt Ion: 75 Resp: 134501
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0
110 38.9 31.3 46.9

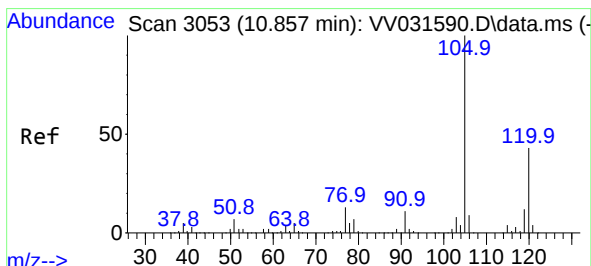
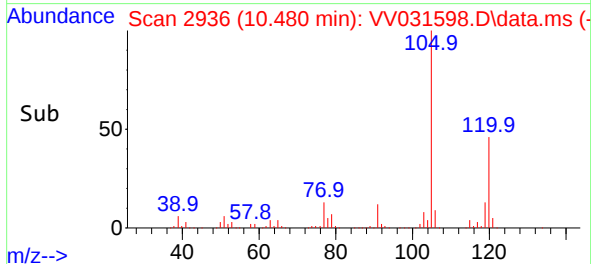
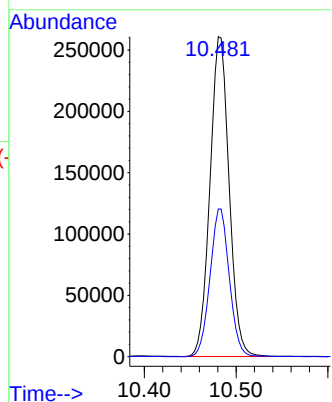
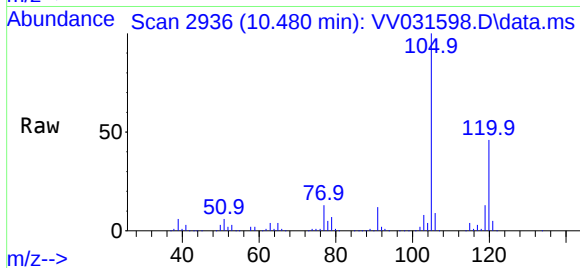




#62
1,3,5-Trimethylbenzene
Concen: 47.435 ug/L
RT: 10.480 min Scan# 2936
Delta R.T. -0.003 min
Lab File: VV031598.D
Acq: 19 Jun 2023 13:38

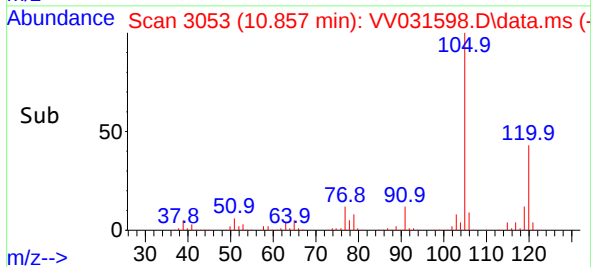
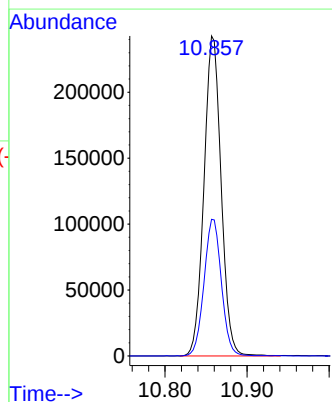
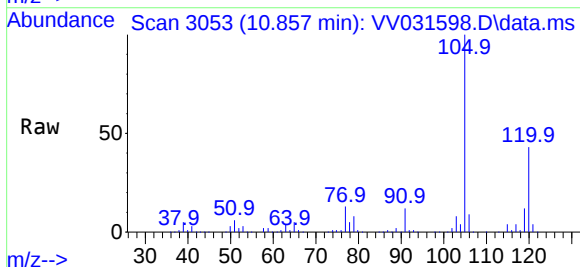
Instrument :
MSVOA_V
ClientSampleId :
VSTD050377

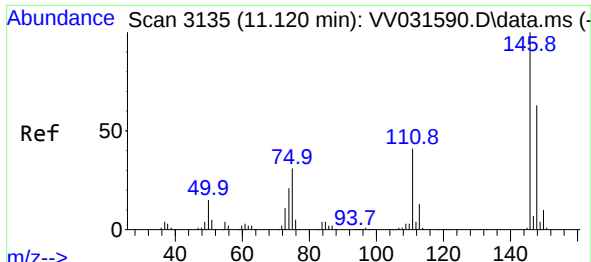
Tgt Ion:105 Resp: 377519
Ion Ratio Lower Upper
105 100
120 46.4 36.2 54.2



#63
1,2,4-Trimethylbenzene
Concen: 47.525 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. -0.003 min
Lab File: VV031598.D
Acq: 19 Jun 2023 13:38

Tgt Ion:105 Resp: 352417
Ion Ratio Lower Upper
105 100
120 43.2 33.4 50.2

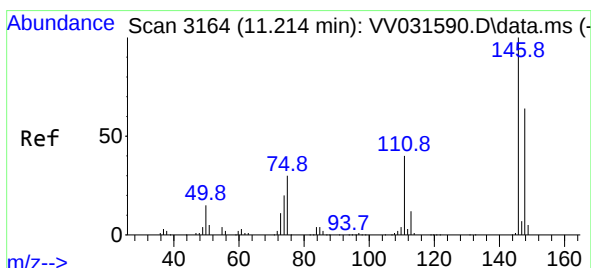
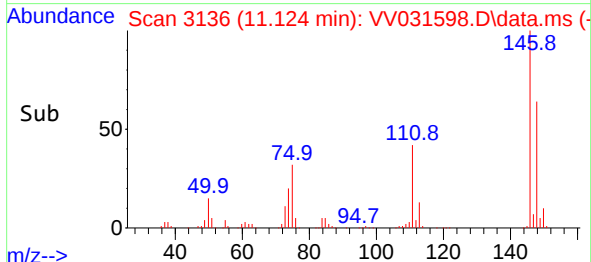
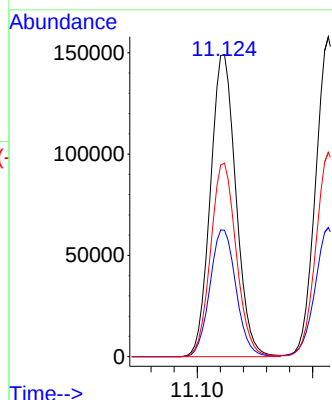
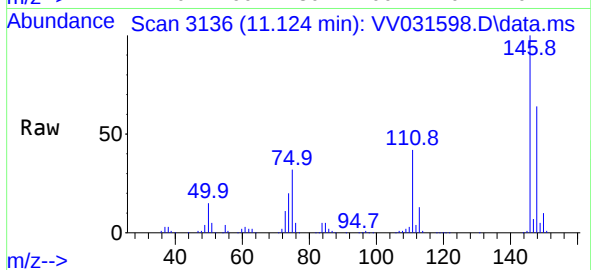




#64
1,3-Dichlorobenzene
Concen: 47.461 ug/L
RT: 11.124 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VV031598.D
Acq: 19 Jun 2023 13:38

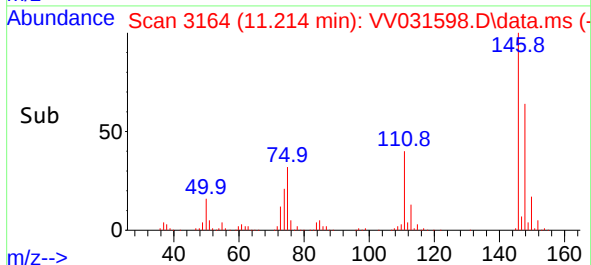
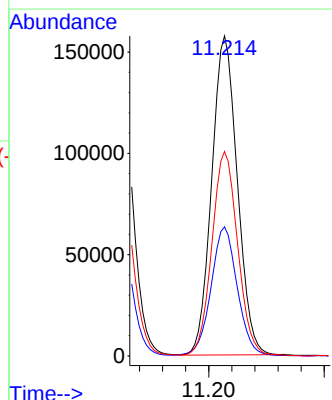
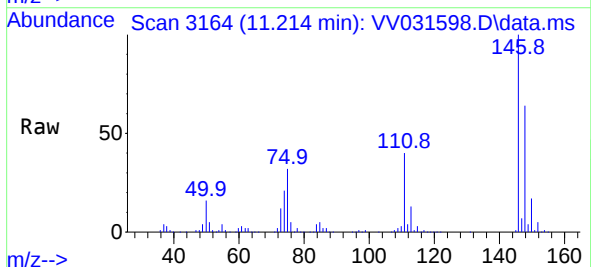
Instrument :
MSVOA_V
ClientSampleId :
VSTD050377

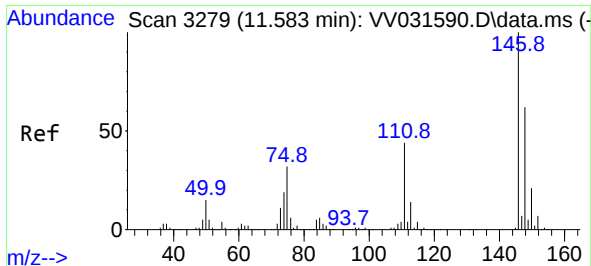
Tgt Ion:146 Resp: 229127
Ion Ratio Lower Upper
146 100
111 41.8 30.4 56.5
148 64.0 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 47.095 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VV031598.D
Acq: 19 Jun 2023 13:38

Tgt Ion:146 Resp: 242278
Ion Ratio Lower Upper
146 100
111 40.3 27.9 51.7
148 63.9 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 47.963 ug/L

RT: 11.583 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV031598.D

Acq: 19 Jun 2023 13:38

Instrument :

MSVOA_V

ClientSampleId :

VSTD050377

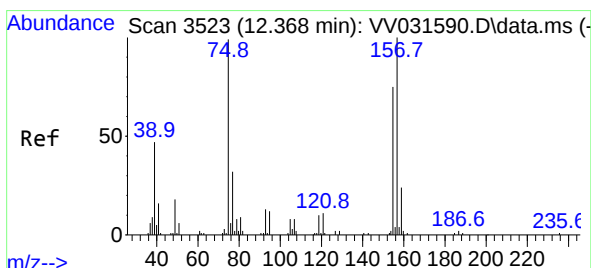
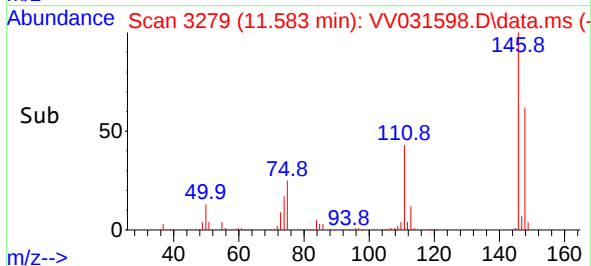
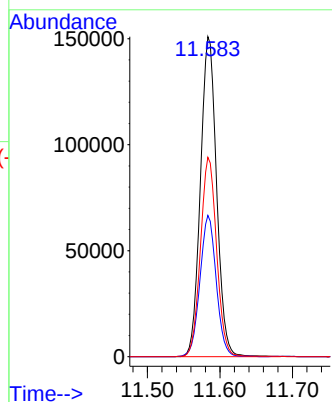
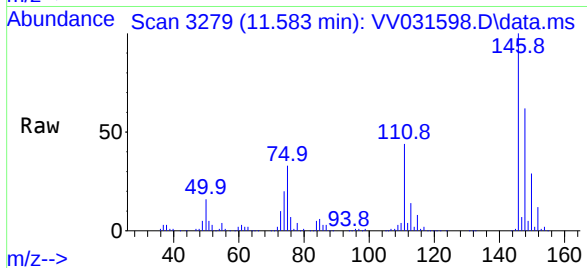
Tgt Ion:146 Resp: 233702

Ion Ratio Lower Upper

146 100

111 44.1 35.9 53.9

148 62.3 52.6 78.8



#68

1,2-Dibromo-3-chloropropane

Concen: 43.185 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. 0.000 min

Lab File: VV031598.D

Acq: 19 Jun 2023 13:38

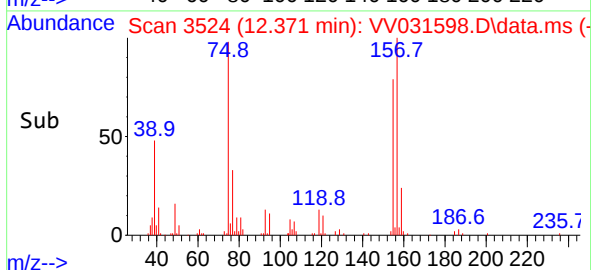
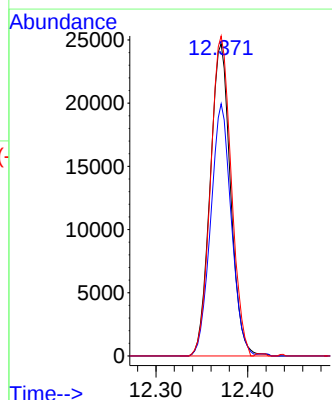
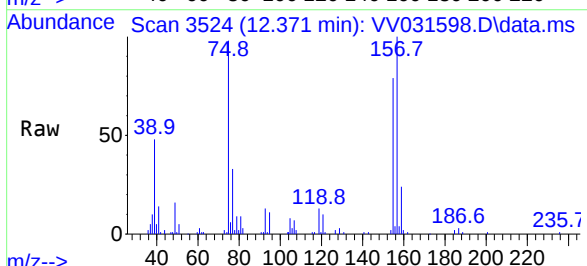
Tgt Ion: 75 Resp: 38238

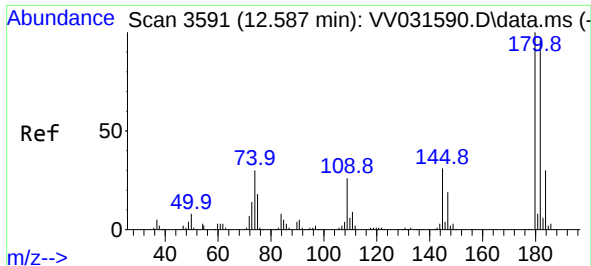
Ion Ratio Lower Upper

75 100

155 84.8 63.2 94.8

157 106.3 85.3 127.9



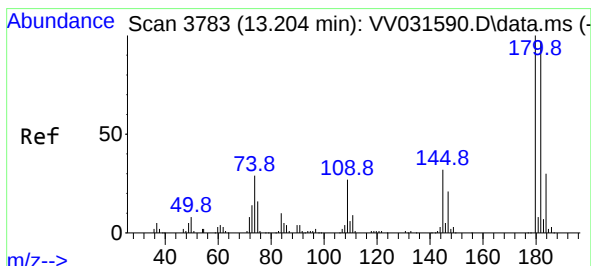
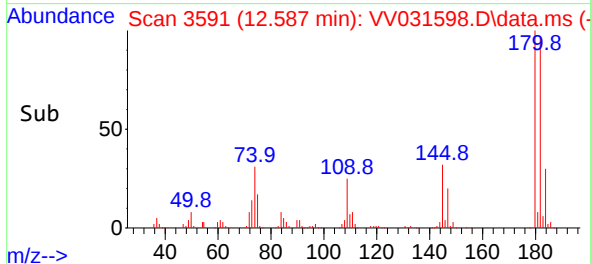
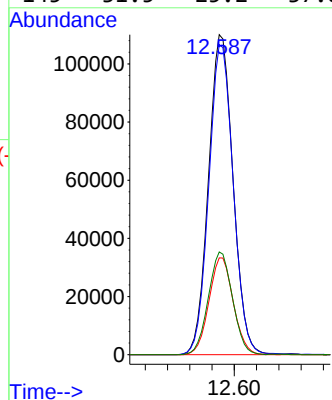
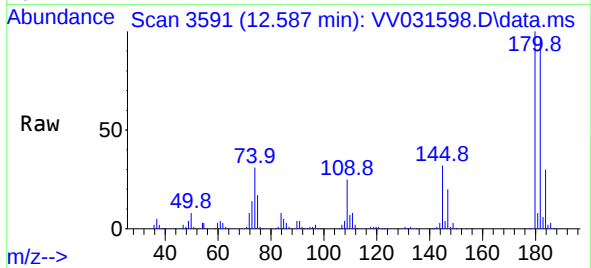


#69
1,3,5-Trichlorobenzene
Concen: 45.726 ug/L
RT: 12.587 min Scan# 3591
Delta R.T. 0.000 min
Lab File: VV031598.D
Acq: 19 Jun 2023 13:38

Instrument :
MSVOA_V
ClientSampleId :
VSTD050377

Tgt Ion:180 Resp: 168207

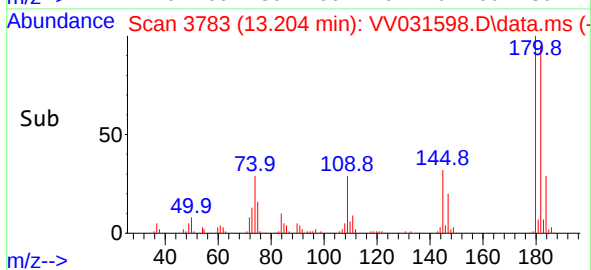
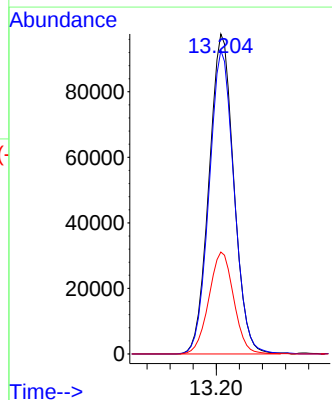
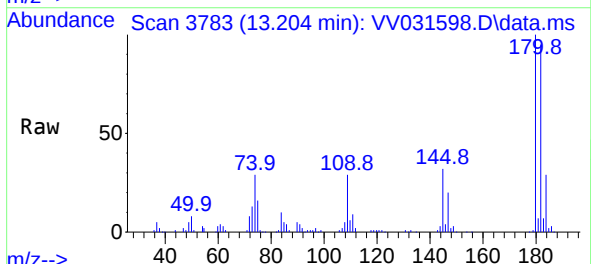
Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.6	115.0
184	30.0	24.7	37.1
145	31.5	25.2	37.8

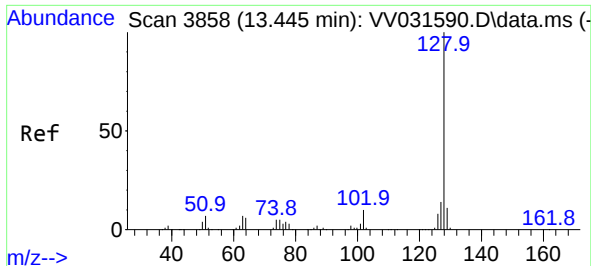


#70
1,2,4-trichlorobenzene
Concen: 45.030 ug/L
RT: 13.204 min Scan# 3783
Delta R.T. 0.000 min
Lab File: VV031598.D
Acq: 19 Jun 2023 13:38

Tgt Ion:180 Resp: 145195

Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.7	116.5
145	32.0	26.1	39.1



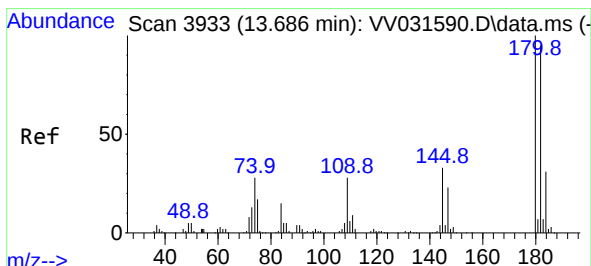
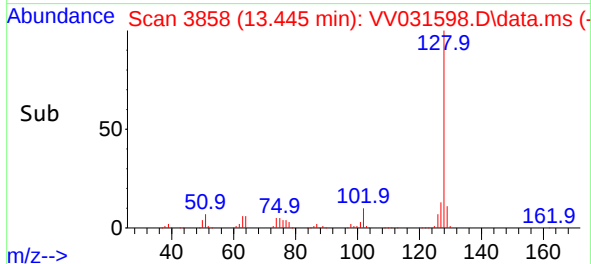
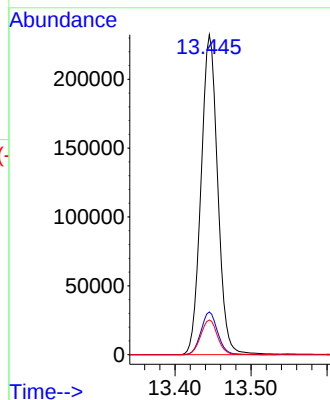
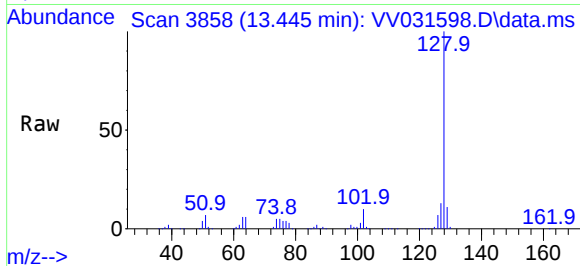


#71
Naphthalene
Concen: 43.270 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. 0.000 min
Lab File: VV031598.D
Acq: 19 Jun 2023 13:38

Instrument :
MSVOA_V
ClientSampleId :
VSTD050377

Tgt Ion:128 Resp: 353400

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	16.0
129	11.0	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 45.810 ug/L
RT: 13.686 min Scan# 3933
Delta R.T. 0.000 min
Lab File: VV031598.D
Acq: 19 Jun 2023 13:38

Tgt Ion:180 Resp: 153496

Ion	Ratio	Lower	Upper
180	100		
182	96.4	74.0	111.0
145	33.2	26.2	39.2

