

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042623\
 Data File : VW030874.D
 Acq On : 26 Apr 2023 12:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050342

Quant Time: Apr 27 04:42:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 22 00:43:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	249626	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	239785	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	144536	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	65924	36.025	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.040%
7) Chloroethane-d5	1.535	69	59657	38.903	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.800%
11) 1,1-Dichloroethene-d2	2.063	65	32931	37.947	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.900%
21) 2-Butanone-d5	3.799	46	98385	97.884	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.880%
24) Chloroform-d	4.256	84	150311	45.325	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.640%
26) 1,2-Dichloroethane-d4	4.947	65	101396	47.557	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.120%
32) Benzene-d6	4.966	84	264113	46.587	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.180%
36) 1,2-Dichloropropane-d6	5.995	67	78851	44.776	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.560%
41) Toluene-d8	7.249	98	256348	48.160	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.320%
43) trans-1,3-Dichloroprop...	7.558	79	44852	50.533	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.060%
47) 2-Hexanone-d5	8.030	63	61767	89.037	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.040%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	122834	48.070	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.140%
66) 1,2-Dichlorobenzene-d4	11.567	152	112189	48.834	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	87105	40.586	ug/L	100
3) Chloromethane	1.217	50	100544	35.713	ug/L	99
5) Vinyl chloride	1.285	62	91322	40.234	ug/L	99
6) Bromomethane	1.490	94	43227	48.028	ug/L	98
8) Chloroethane	1.552	64	61484	39.493	ug/L	99
9) Trichlorofluoromethane	1.716	101	165083	44.875	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	86440	44.711	ug/L	98
12) 1,1-Dichloroethene	2.072	96	75206	43.026	ug/L	96
13) Acetone	2.124	43	146174	93.983	ug/L	99
14) Carbon disulfide	2.246	76	182861	37.039	ug/L	99
15) Methyl Acetate	2.378	43	90761	43.728	ug/L	98
16) Methylene chloride	2.452	84	83046	41.518	ug/L	95
17) trans-1,2-Dichloroethene	2.699	96	75436	42.751	ug/L	96
18) Methyl tert-butyl Ether	2.709	73	266773	47.200	ug/L	98
19) 1,1-Dichloroethane	3.117	63	150541	41.844	ug/L	98
20) cis-1,2-Dichloroethene	3.822	96	84606	44.077	ug/L	99
22) 2-Butanone	3.876	43	143101	89.033	ug/L	97
23) Bromochloromethane	4.153	128	48655	45.384	ug/L	95
25) Chloroform	4.285	83	166340	44.671	ug/L	97

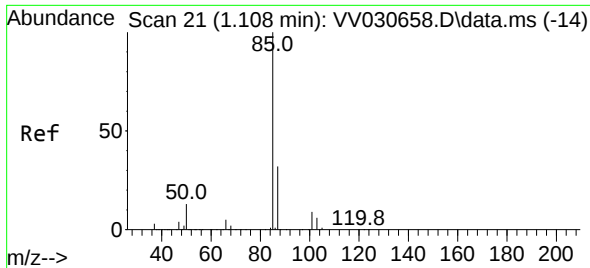
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042623\
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 Quant Title : VOC Analysis
 QLast Update : Sat Apr 22 00:43:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	148058	46.971	ug/L	98
29) Cyclohexane	4.590	56	122554	42.590	ug/L	98
30) 1,1,1-Trichloroethane	4.519	97	155785	46.236	ug/L	100
31) Carbon tetrachloride	4.744	117	137225	45.553	ug/L	99
33) Benzene	5.018	78	327455	44.971	ug/L	100
34) Trichloroethene	5.838	95	83812	44.251	ug/L	96
35) Methylcyclohexane	6.056	83	133176	44.875	ug/L	98
37) 1,2-Dichloropropane	6.098	63	84083	42.903	ug/L	98
38) Bromodichloromethane	6.439	83	123316	44.791	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	131627	44.748	ug/L	98
40) 4-Methyl-2-pentanone	7.165	43	257843	94.182	ug/L	99
42) Toluene	7.320	91	366006	46.928	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	136470	47.223	ug/L	97
45) 1,1,2-Trichloroethane	7.773	97	90172	45.884	ug/L	97
46) Tetrachloroethene	7.911	164	76754	46.298	ug/L	98
48) 2-Hexanone	8.082	43	211153	93.475	ug/L	97
49) Dibromochloromethane	8.181	129	97059	44.775	ug/L	97
50) 1,2-Dibromoethane	8.288	107	90088	44.242	ug/L	98
51) Chlorobenzene	8.818	112	239058	46.281	ug/L	99
52) Ethylbenzene	8.953	91	403553	46.739	ug/L	99
53) m,p-Xylene	9.079	106	158290	48.535	ug/L	97
54) o-Xylene	9.484	106	149968	47.004	ug/L	100
55) Styrene	9.503	104	271158	48.383	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	141928	43.987	ug/L	96
59) Bromoform	9.670	173	79251	43.795	ug/L	100
60) Isopropylbenzene	9.873	105	418895	46.471	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	111125	42.927	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	345502	46.553	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	345755	46.659	ug/L	99
64) 1,3-Dichlorobenzene	11.123	146	213809	47.377	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	220458	46.326	ug/L	100
67) 1,2-Dichlorobenzene	11.586	146	213012	46.787	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	31899	41.591	ug/L	95
69) 1,3,5-Trichlorobenzene	12.590	180	167978	49.273	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	142704	49.301	ug/L	99
71) Naphthalene	13.448	128	399267	50.425	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	145600	50.728	ug/L	99

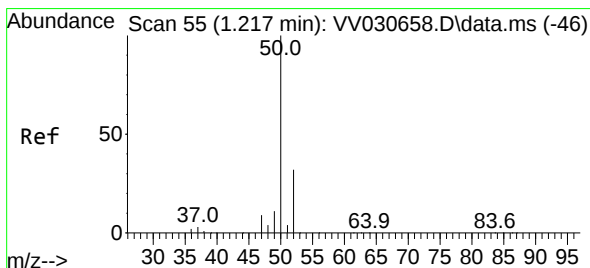
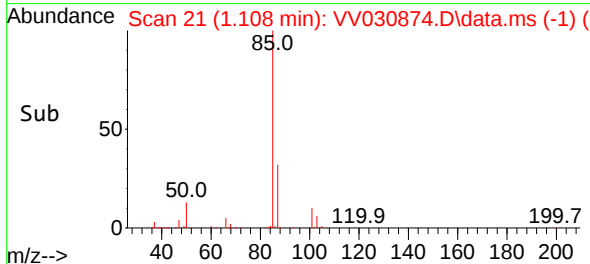
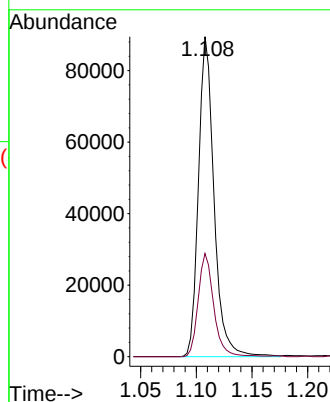
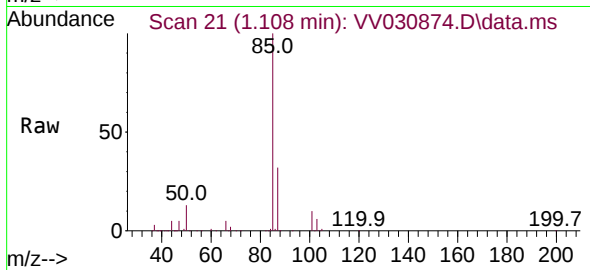
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 40.586 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV030874.D
 Acq: 26 Apr 2023 12:20

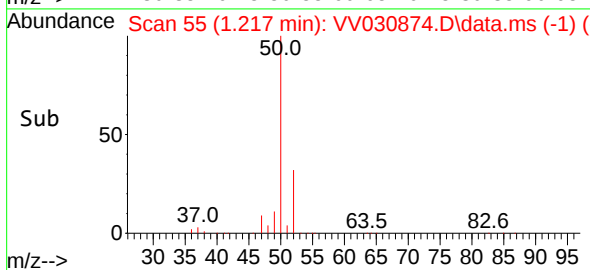
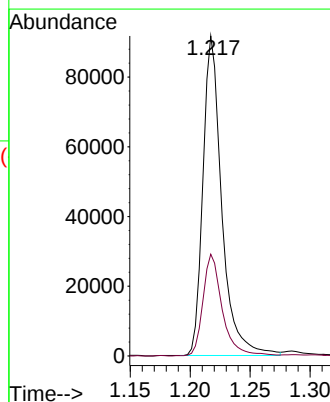
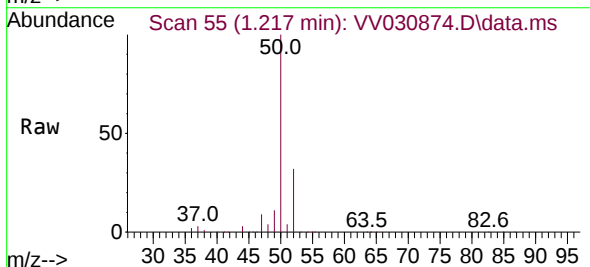
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050342

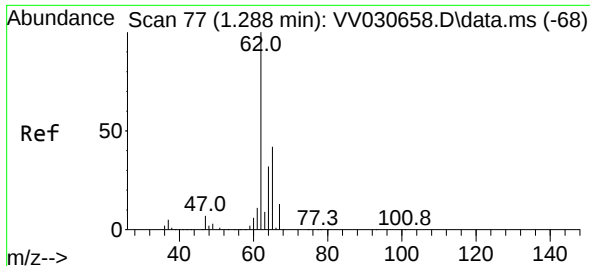
Tgt Ion: 85 Resp: 87105
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.6 38.4



#3
 Chloromethane
 Concen: 35.713 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV030874.D
 Acq: 26 Apr 2023 12:20

Tgt Ion: 50 Resp: 100544
 Ion Ratio Lower Upper
 50 100
 52 31.8 22.5 41.9

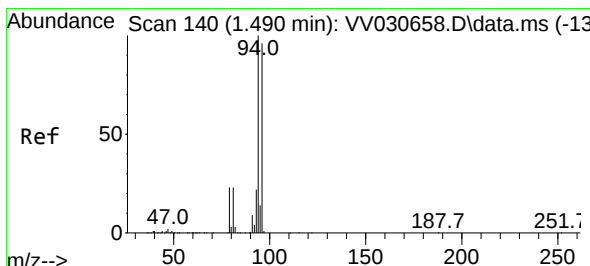
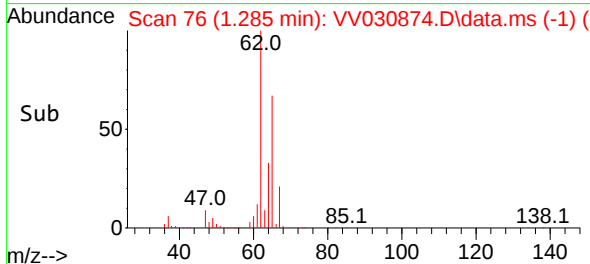
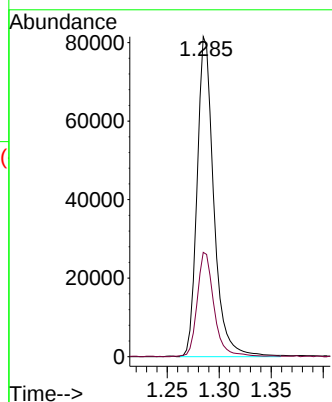
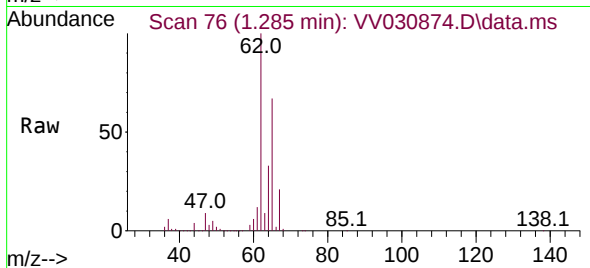




#5
 Vinyl chloride
 Concen: 40.234 ug/L
 RT: 1.285 min Scan# 77
 Delta R.T. -0.003 min
 Lab File: VV030874.D
 Acq: 26 Apr 2023 12:20

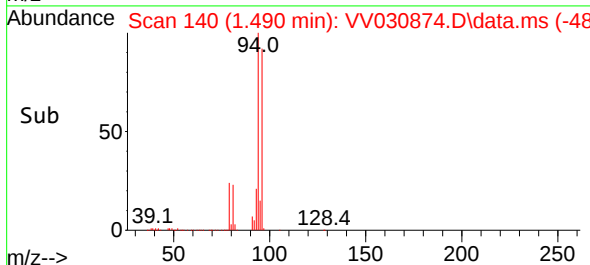
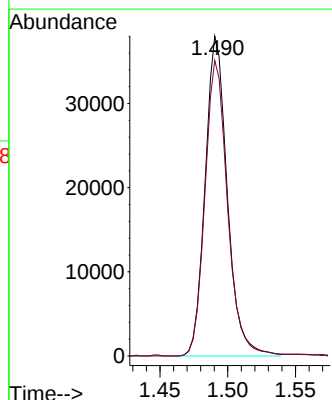
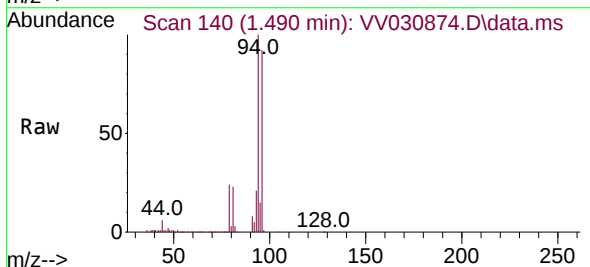
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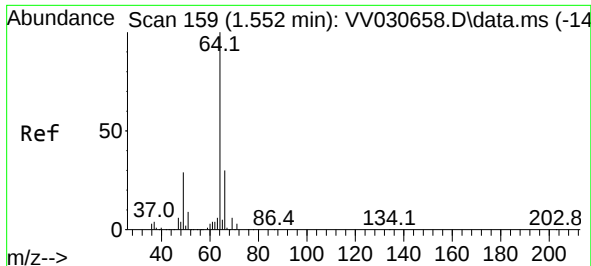
Tgt Ion: 62 Resp: 91322
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.4 43.4



#6
 Bromomethane
 Concen: 48.028 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. -0.003 min
 Lab File: VV030874.D
 Acq: 26 Apr 2023 12:20

Tgt Ion: 94 Resp: 43227
 Ion Ratio Lower Upper
 94 100
 96 92.4 66.3 123.1

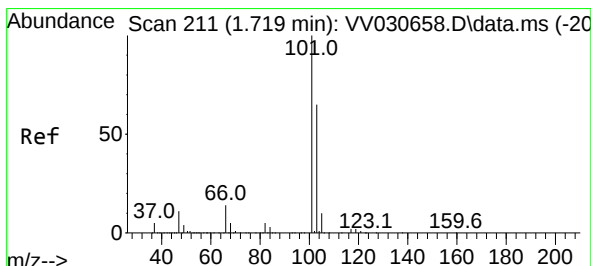
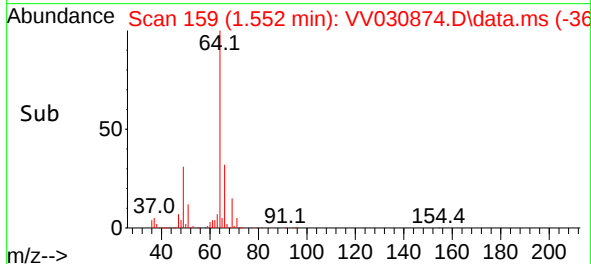
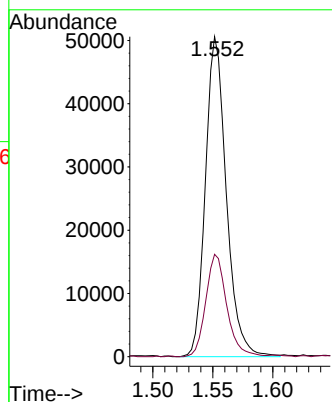
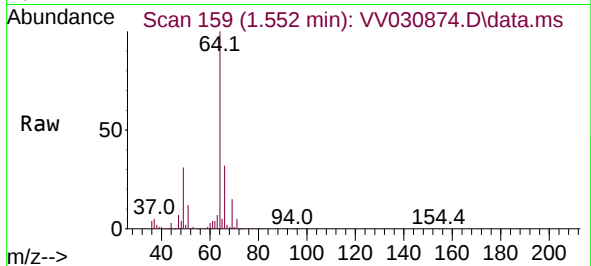




#8
Chloroethane
Concen: 39.493 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV030874.D
Acq: 26 Apr 2023 12:20

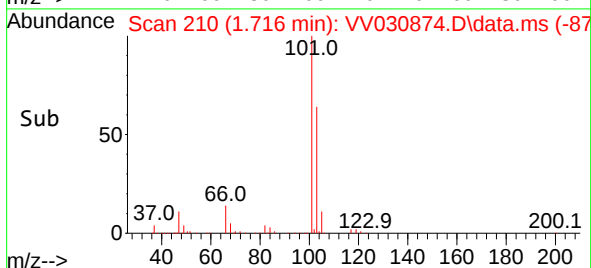
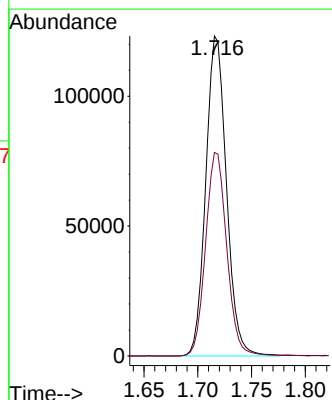
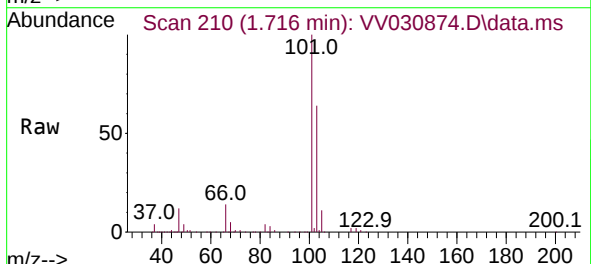
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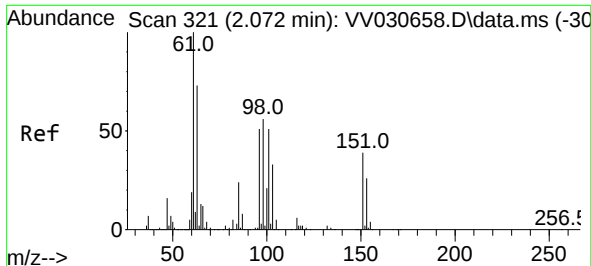
Tgt Ion: 64 Resp: 61484
Ion Ratio Lower Upper
64 100
66 32.0 22.7 42.3



#9
Trichlorofluoromethane
Concen: 44.875 ug/L
RT: 1.716 min Scan# 210
Delta R.T. -0.003 min
Lab File: VV030874.D
Acq: 26 Apr 2023 12:20

Tgt Ion:101 Resp: 165083
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.0

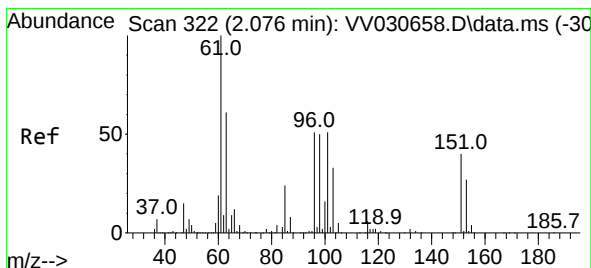
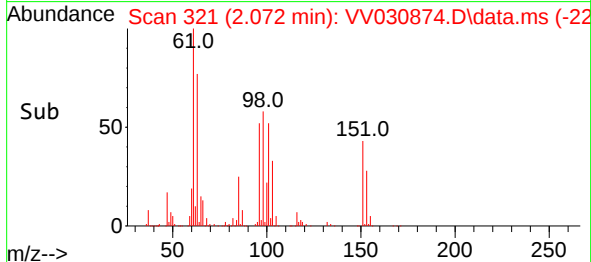
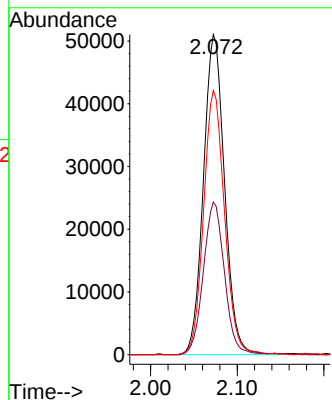
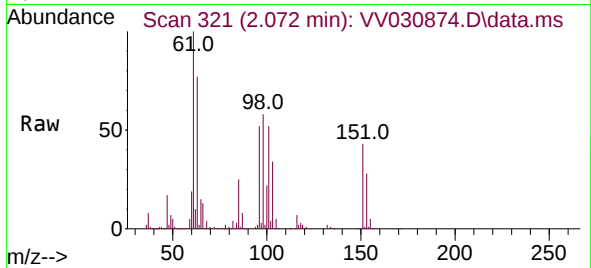




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 44.711 ug/L
 RT: 2.072 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV030874.D
 Acq: 26 Apr 2023 12:20

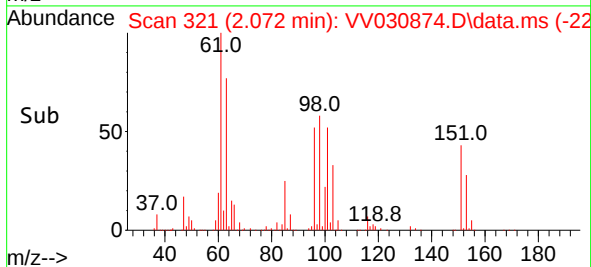
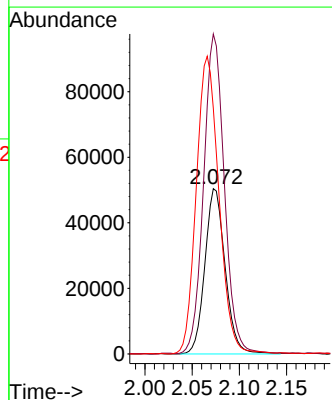
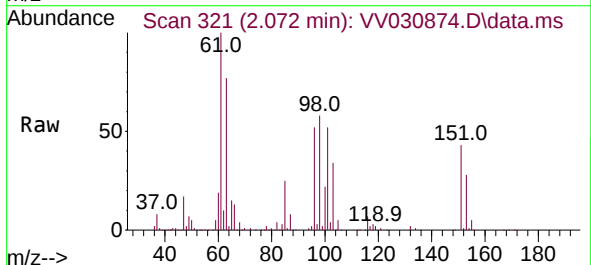
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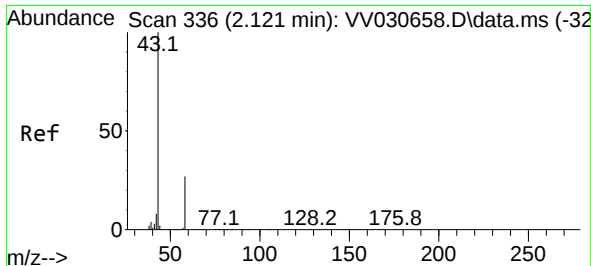
Tgt Ion:101 Resp: 86440
 Ion Ratio Lower Upper
 101 100
 85 47.5 37.5 56.3
 151 81.9 63.5 95.3



#12
 1,1-Dichloroethene
 Concen: 43.026 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. -0.003 min
 Lab File: VV030874.D
 Acq: 26 Apr 2023 12:20

Tgt Ion: 96 Resp: 75206
 Ion Ratio Lower Upper
 96 100
 61 193.6 131.9 245.0
 63 148.6 99.8 185.3





#13

Acetone

Concen: 93.983 ug/L

RT: 2.124 min Scan# 31

Delta R.T. -0.007 min

Lab File: VV030874.D

Acq: 26 Apr 2023 12:20

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MSVOA_V

ClientSampleId :

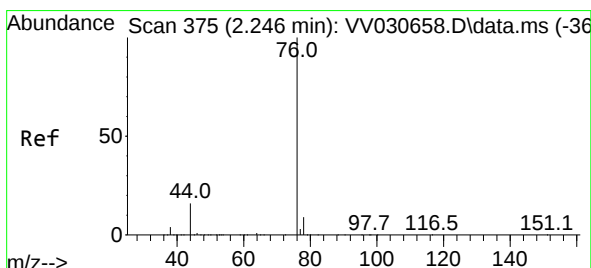
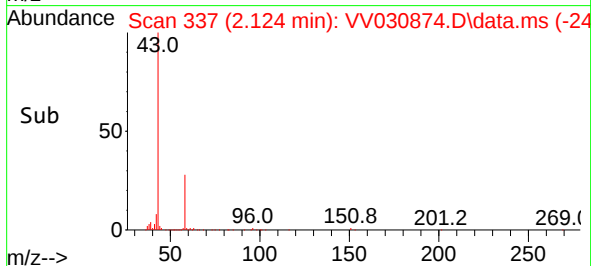
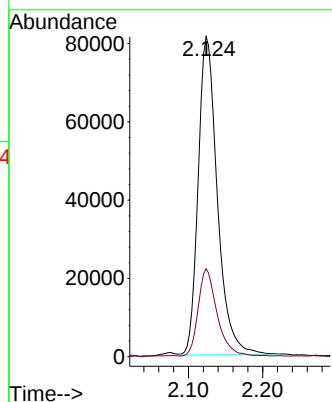
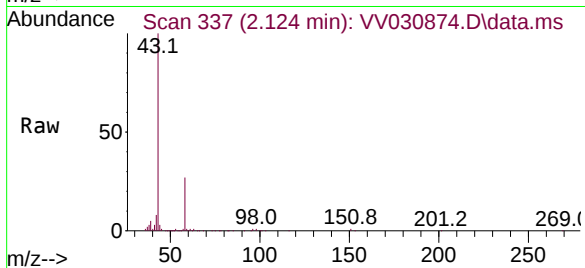
VSTD050342

Tgt Ion: 43 Resp: 146174

Ion Ratio Lower Upper

43 100

58 27.0 0.0 52.8



#14

Carbon disulfide

Concen: 37.039 ug/L

RT: 2.246 min Scan# 375

Delta R.T. -0.000 min

Lab File: VV030874.D

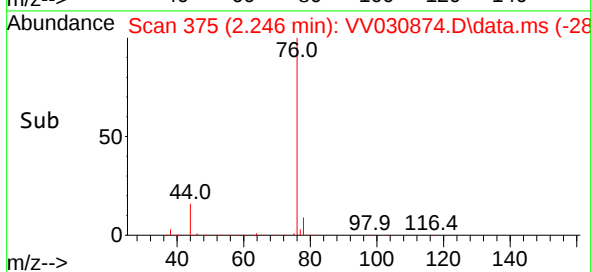
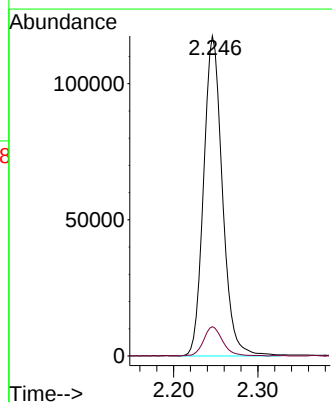
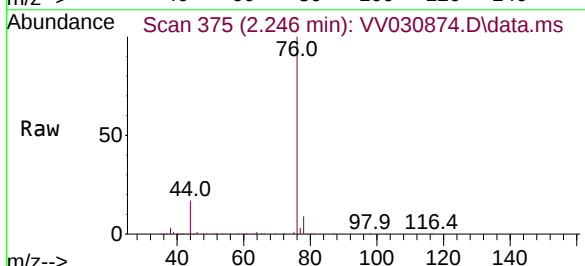
Acq: 26 Apr 2023 12:20

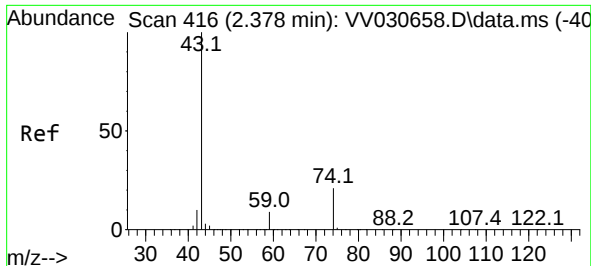
Tgt Ion: 76 Resp: 182861

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.4

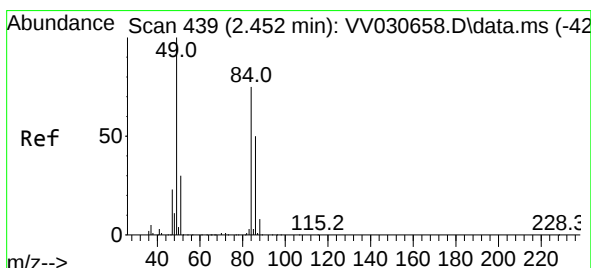
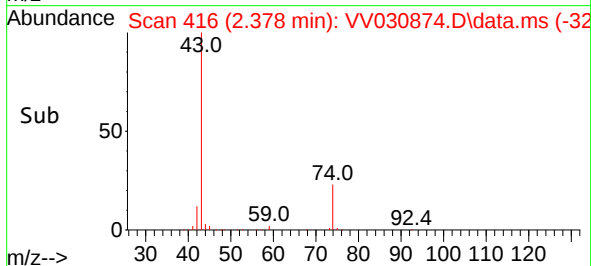
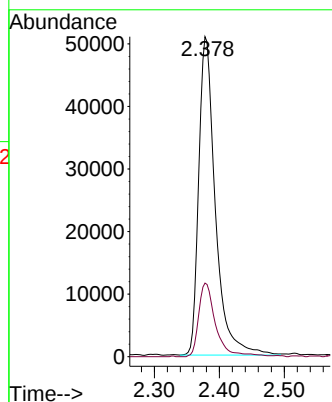
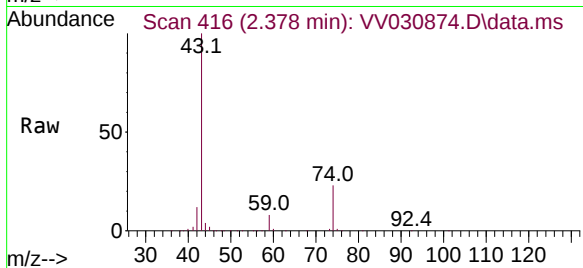




#15
Methyl Acetate
Concen: 43.728 ug/L
RT: 2.378 min Scan# 416
Delta R.T. -0.003 min
Lab File: VV030874.D
Acq: 26 Apr 2023 12:20

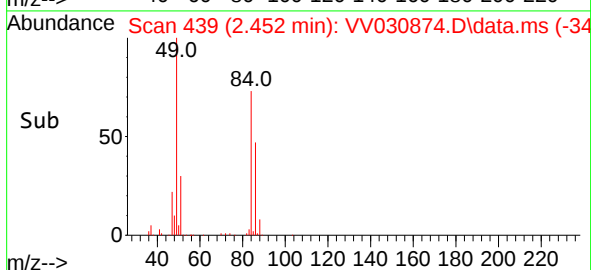
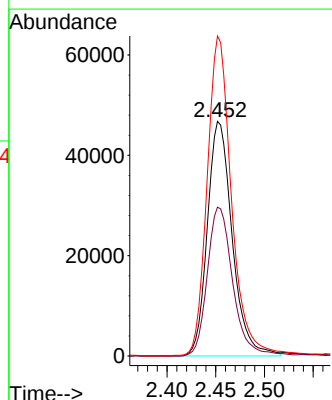
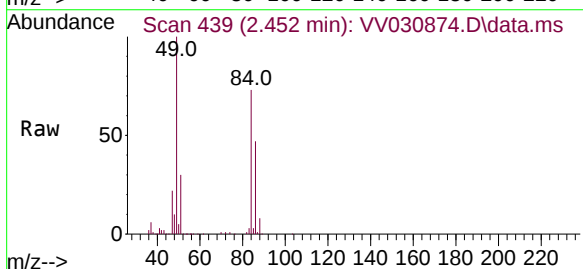
Instrument :
MSVOA_V
ClientSampleId :
VSTD050342

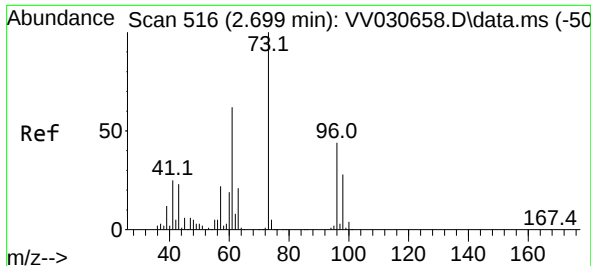
Tgt Ion: 43 Resp: 90761
Ion Ratio Lower Upper
43 100
74 23.0 17.7 26.5



#16
Methylene chloride
Concen: 41.518 ug/L
RT: 2.452 min Scan# 439
Delta R.T. -0.003 min
Lab File: VV030874.D
Acq: 26 Apr 2023 12:20

Tgt Ion: 84 Resp: 83046
Ion Ratio Lower Upper
84 100
86 63.5 45.4 84.2
49 136.5 90.4 168.0





#17

trans-1,2-Dichloroethene

Concen: 42.751 ug/L

RT: 2.699 min Scan# 516

Delta R.T. -0.000 min

Lab File: VV030874.D

Acq: 26 Apr 2023 12:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD050342

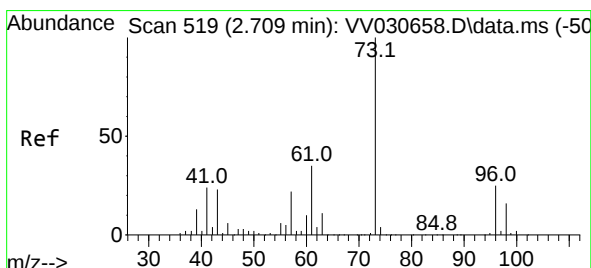
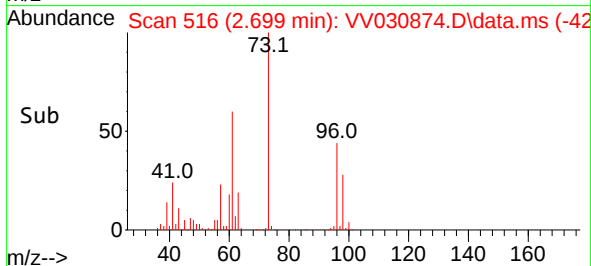
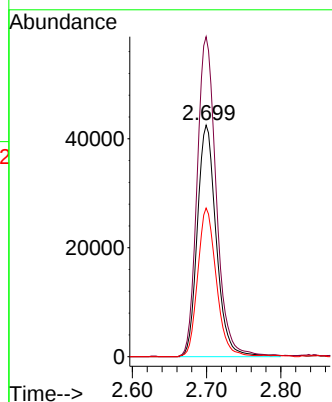
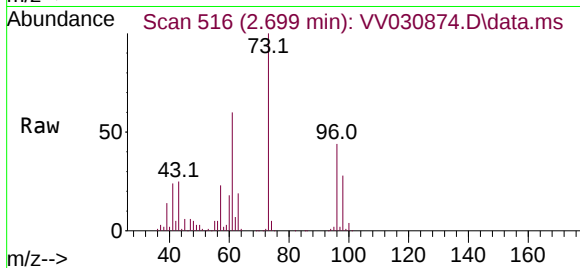
Tgt Ion: 96 Resp: 75436

Ion Ratio Lower Upper

96 100

61 138.2 101.0 187.6

98 64.2 45.4 84.2



#18

Methyl tert-butyl Ether

Concen: 47.200 ug/L

RT: 2.709 min Scan# 519

Delta R.T. -0.003 min

Lab File: VV030874.D

Acq: 26 Apr 2023 12:20

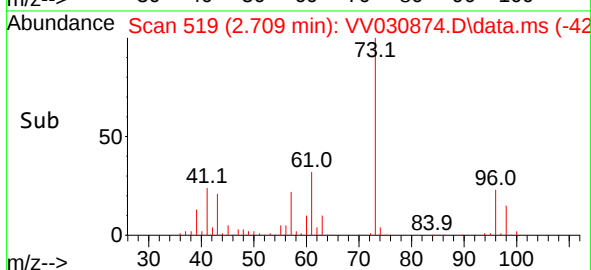
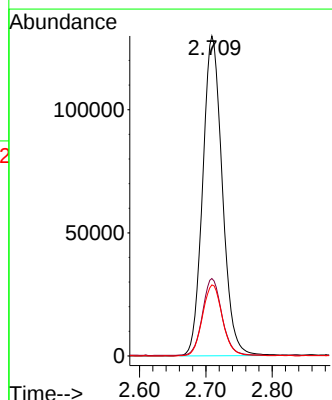
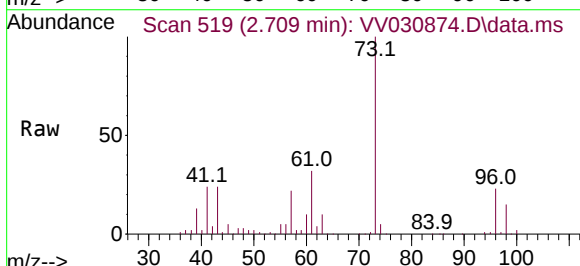
Tgt Ion: 73 Resp: 266773

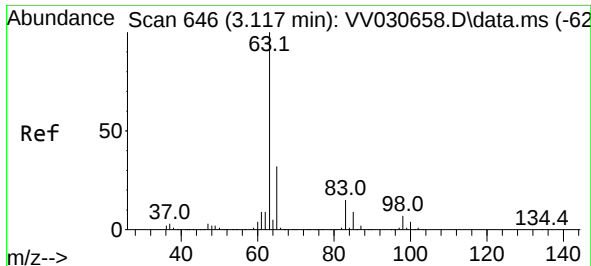
Ion Ratio Lower Upper

73 100

43 23.7 17.6 26.4

57 22.7 18.2 27.2





#19

1,1-Dichloroethane

Concen: 41.844 ug/L

RT: 3.117 min Scan# 646

Delta R.T. -0.003 min

Lab File: VV030874.D

Acq: 26 Apr 2023 12:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD050342

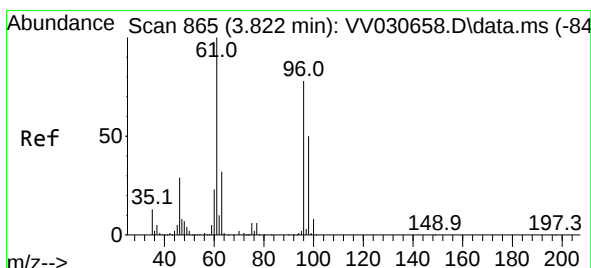
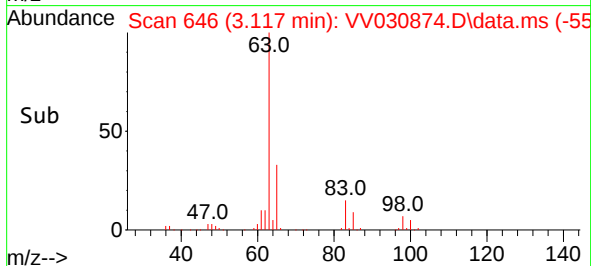
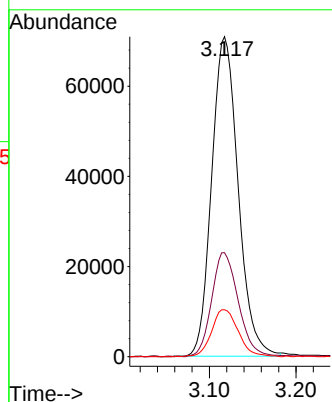
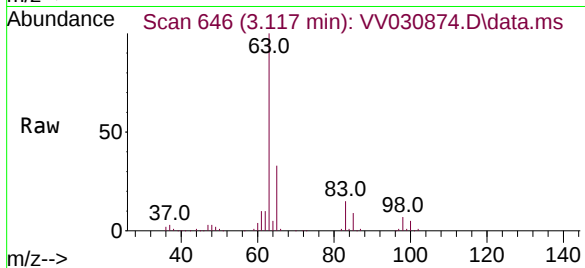
Tgt Ion: 63 Resp: 150541

Ion Ratio Lower Upper

63 100

65 32.5 21.8 40.6

83 14.6 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 44.077 ug/L

RT: 3.822 min Scan# 865

Delta R.T. -0.003 min

Lab File: VV030874.D

Acq: 26 Apr 2023 12:20

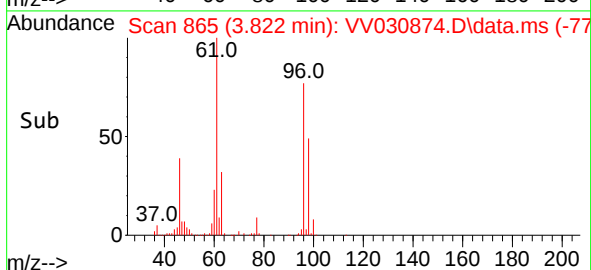
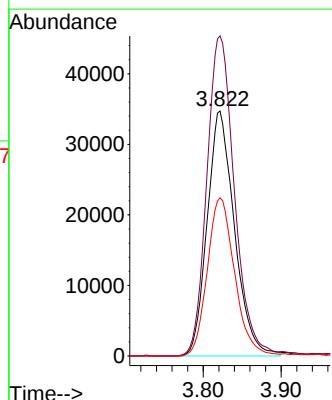
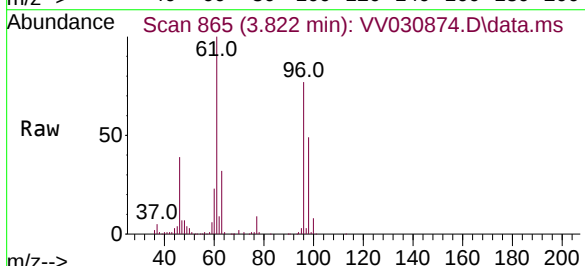
Tgt Ion: 96 Resp: 84606

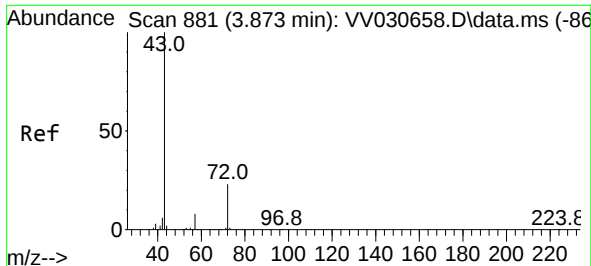
Ion Ratio Lower Upper

96 100

61 130.6 92.3 171.3

98 64.5 45.9 85.3

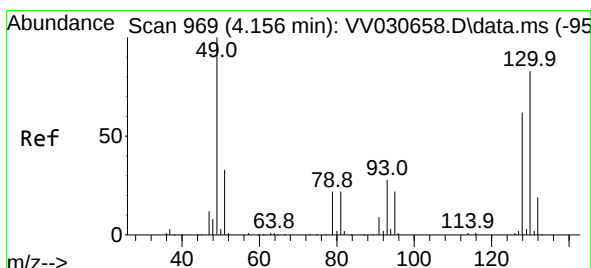
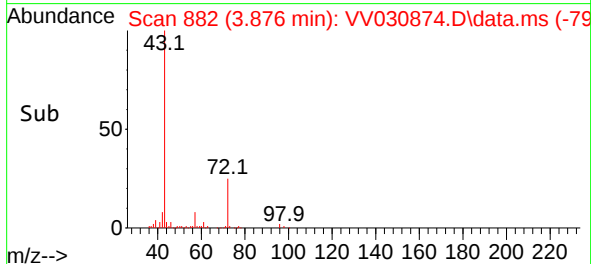
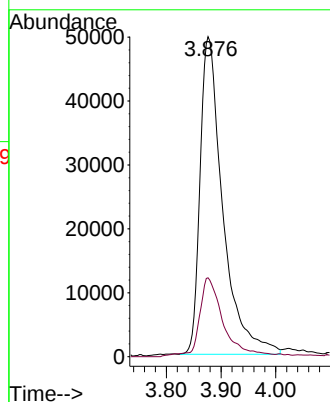
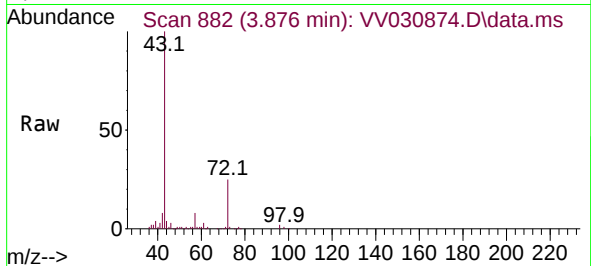




#22
2-Butanone
Concen: 89.033 ug/L
RT: 3.876 min Scan# 881
Delta R.T. -0.007 min
Lab File: VV030874.D
Acq: 26 Apr 2023 12:20

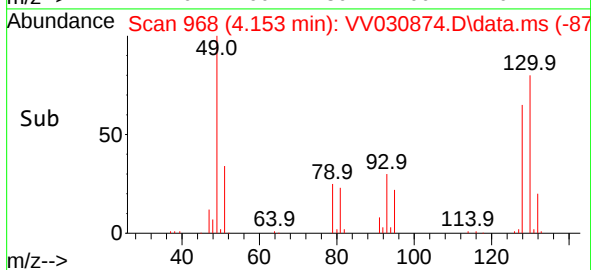
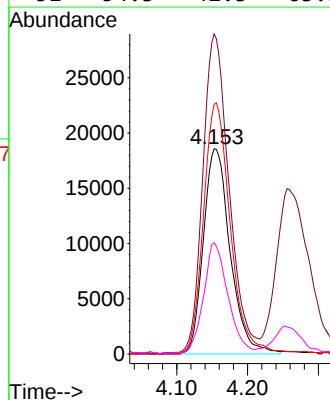
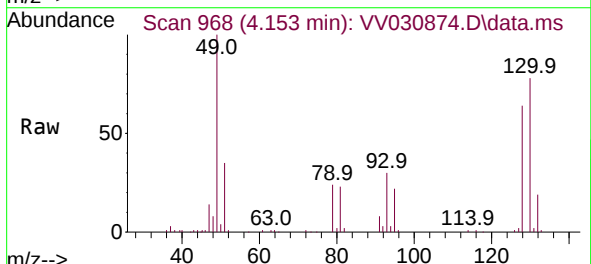
Instrument :
MSVOA_V
ClientSampleId :
VSTD050342

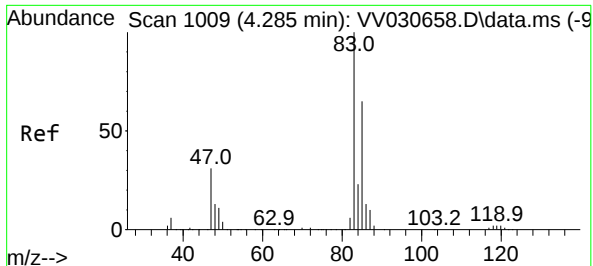
Tgt Ion: 43 Resp: 143101
Ion Ratio Lower Upper
43 100
72 21.2 11.5 34.4



#23
Bromochloromethane
Concen: 45.384 ug/L
RT: 4.153 min Scan# 968
Delta R.T. -0.007 min
Lab File: VV030874.D
Acq: 26 Apr 2023 12:20

Tgt Ion: 128 Resp: 48655
Ion Ratio Lower Upper
128 100
49 156.1 114.7 213.1
130 121.7 89.0 165.2
51 54.3 42.3 63.5

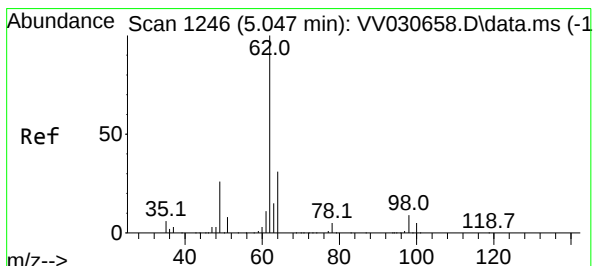
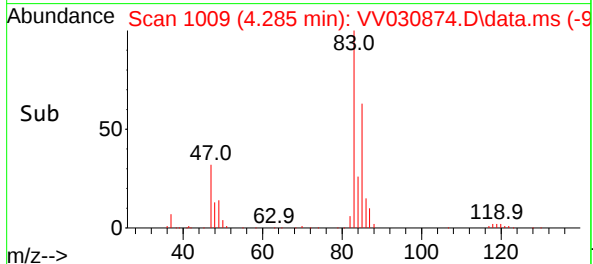
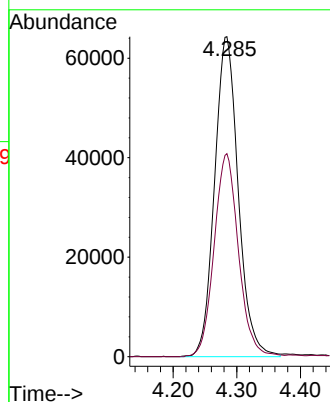
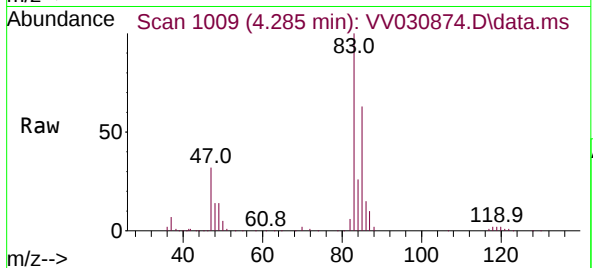




#25
Chloroform
Concen: 44.671 ug/L
RT: 4.285 min Scan# 1009
Delta R.T. -0.000 min
Lab File: VV030874.D
Acq: 26 Apr 2023 12:20

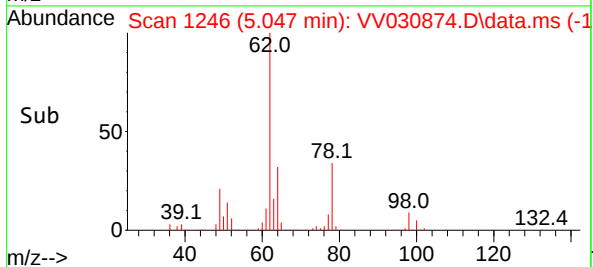
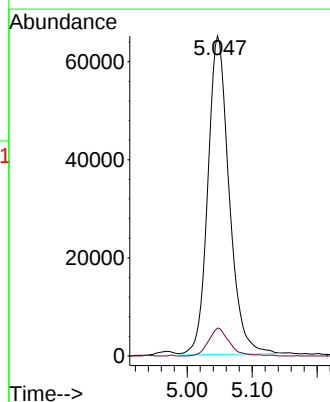
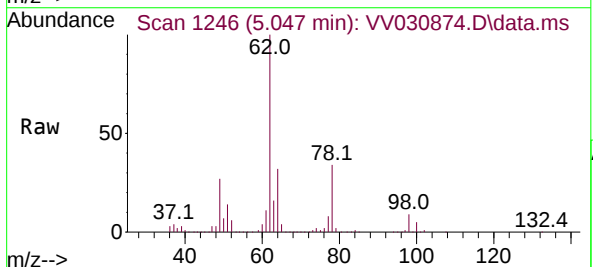
Instrument :
MSVOA_V
ClientSampleId :
VSTD050342

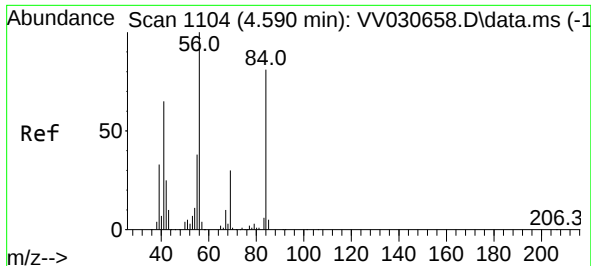
Tgt Ion: 83 Resp: 166340
Ion Ratio Lower Upper
83 100
85 63.4 45.8 85.2



#27
1,2-Dichloroethane
Concen: 46.971 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. -0.003 min
Lab File: VV030874.D
Acq: 26 Apr 2023 12:20

Tgt Ion: 62 Resp: 148058
Ion Ratio Lower Upper
62 100
98 8.7 6.4 9.6





#29

Cyclohexane

Concen: 42.590 ug/L

RT: 4.590 min Scan# 1104

Delta R.T. -0.003 min

Lab File: VV030874.D

Acq: 26 Apr 2023 12:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD050342

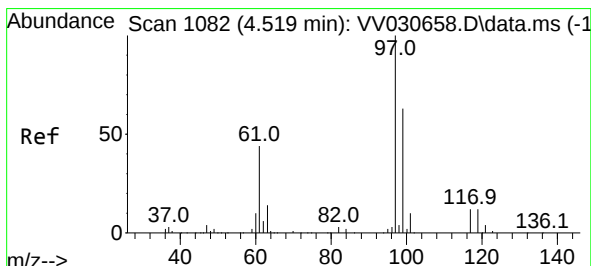
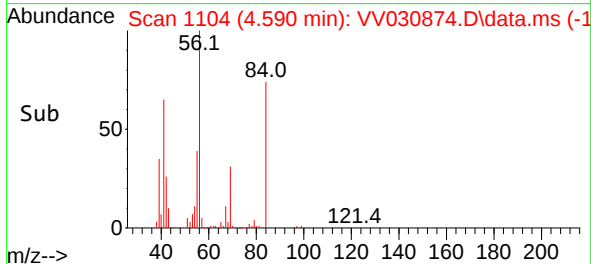
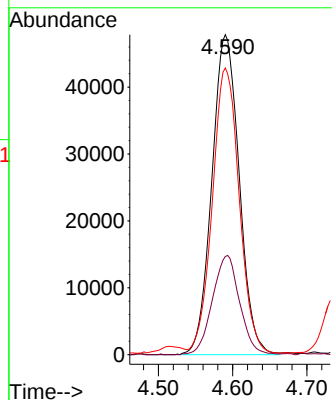
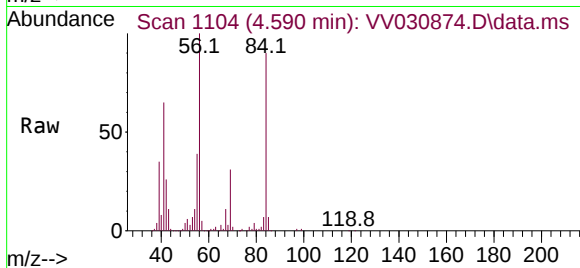
Tgt Ion: 56 Resp: 122554

Ion Ratio Lower Upper

56 100

69 30.5 24.0 36.0

84 87.3 68.2 102.2



#30

1,1,1-Trichloroethane

Concen: 46.236 ug/L

RT: 4.519 min Scan# 1082

Delta R.T. -0.003 min

Lab File: VV030874.D

Acq: 26 Apr 2023 12:20

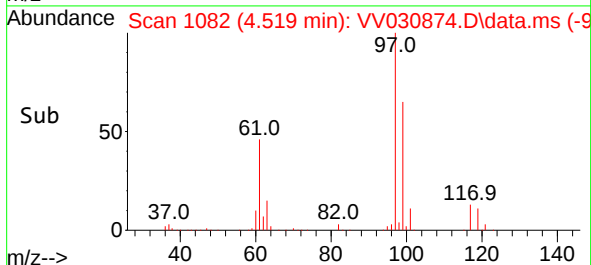
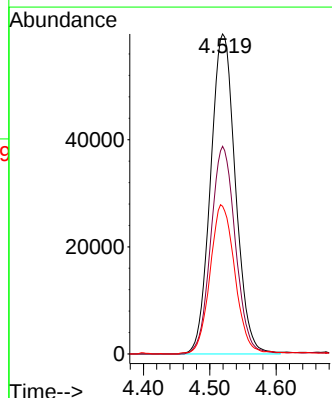
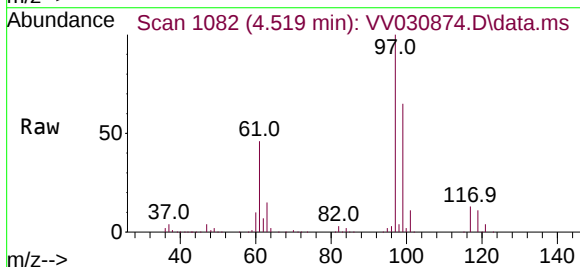
Tgt Ion: 97 Resp: 155785

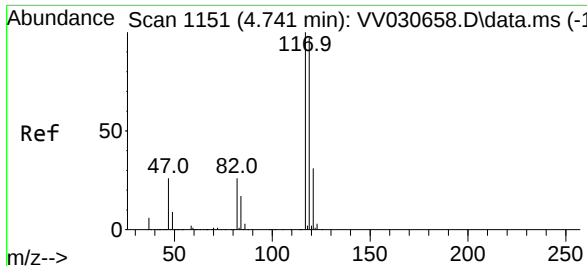
Ion Ratio Lower Upper

97 100

99 64.1 51.4 77.0

61 46.4 37.0 55.6

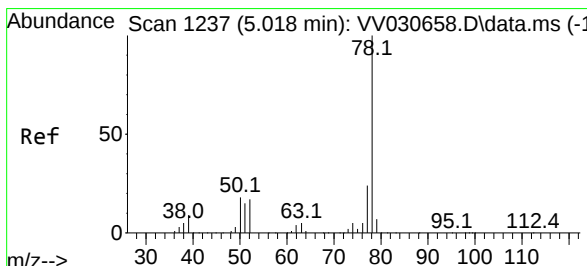
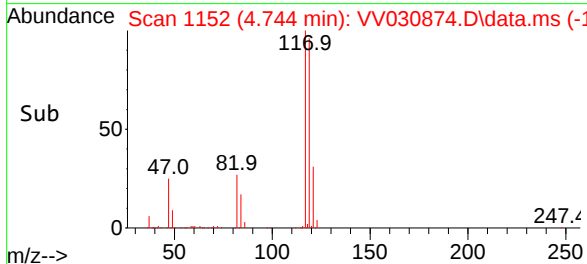
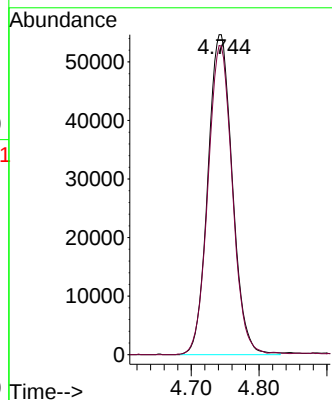
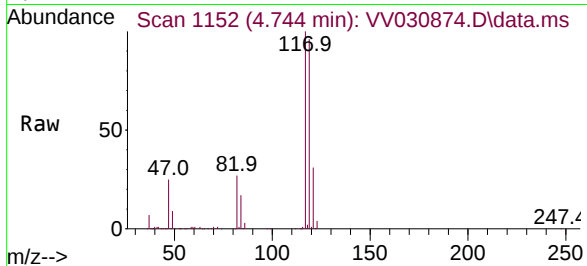




#31
Carbon tetrachloride
Concen: 45.553 ug/L
RT: 4.744 min Scan# 1151
Delta R.T. -0.000 min
Lab File: VV030874.D
Acq: 26 Apr 2023 12:20

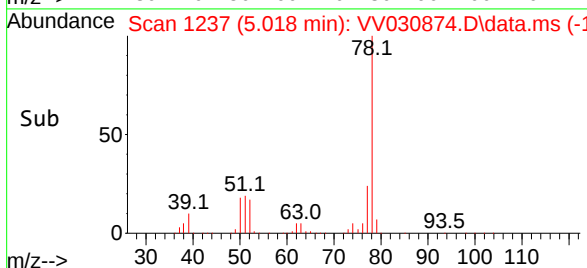
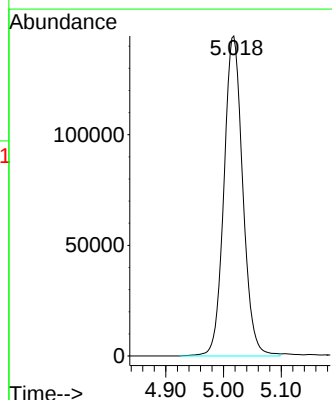
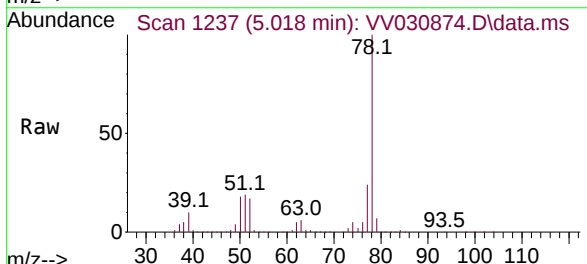
Instrument :
MSVOA_V
ClientSampleId :
VSTD050342

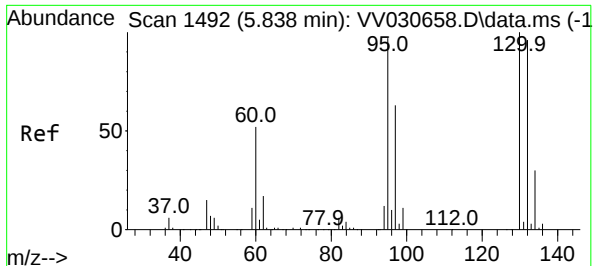
Tgt Ion:117 Resp: 137225
Ion Ratio Lower Upper
117 100
119 95.8 75.9 113.9



#33
Benzene
Concen: 44.971 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. -0.000 min
Lab File: VV030874.D
Acq: 26 Apr 2023 12:20

Tgt Ion: 78 Resp: 327455

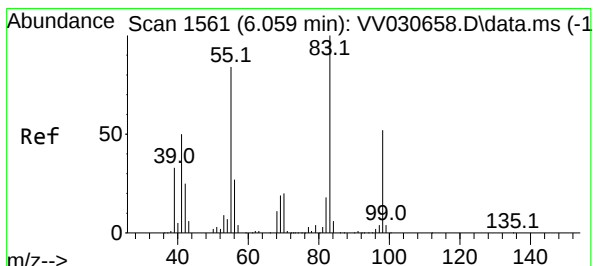
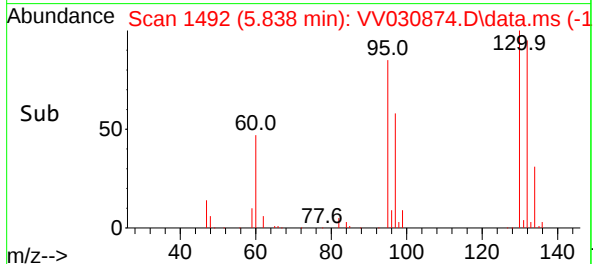
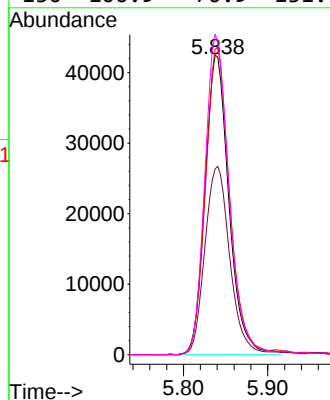
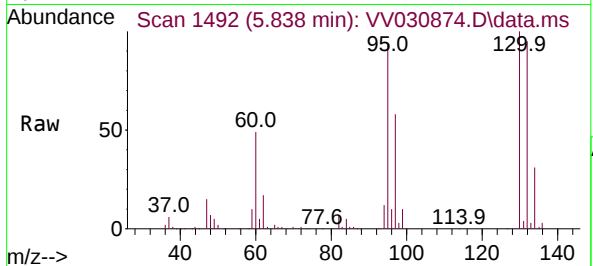




#34
Trichloroethene
Concen: 44.251 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. -0.003 min
Lab File: VV030874.D
Acq: 26 Apr 2023 12:20

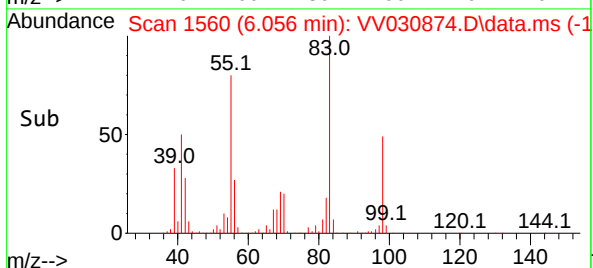
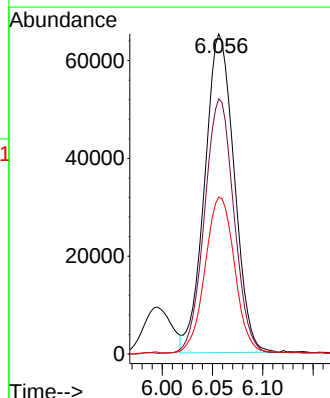
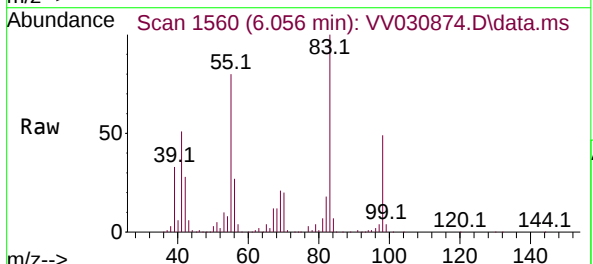
Instrument :
MSVOA_V
ClientSampleId :
VSTD050342

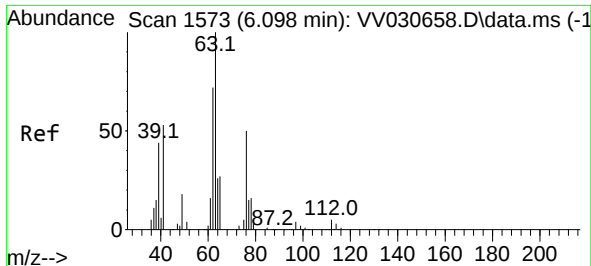
Tgt Ion: 95 Resp: 83812
Ion Ratio Lower Upper
95 100
97 62.1 45.8 85.2
132 101.9 70.6 131.2
130 106.9 70.9 131.7



#35
Methylcyclohexane
Concen: 44.875 ug/L
RT: 6.056 min Scan# 1560
Delta R.T. -0.003 min
Lab File: VV030874.D
Acq: 26 Apr 2023 12:20

Tgt Ion: 83 Resp: 133176
Ion Ratio Lower Upper
83 100
55 80.0 65.5 98.3
98 49.7 38.7 58.1





#37

1,2-Dichloropropane

Concen: 42.903 ug/L

RT: 6.098 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV030874.D

Acq: 26 Apr 2023 12:20

Instrument :

MSVOA_V

ClientSampleId :

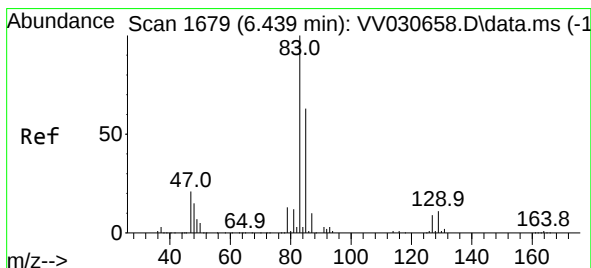
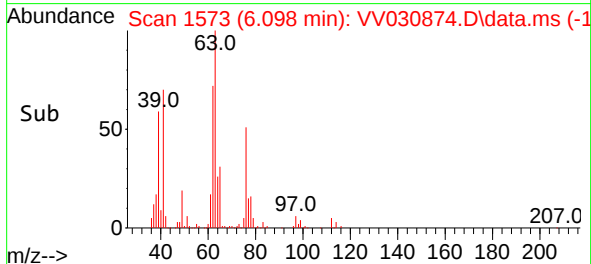
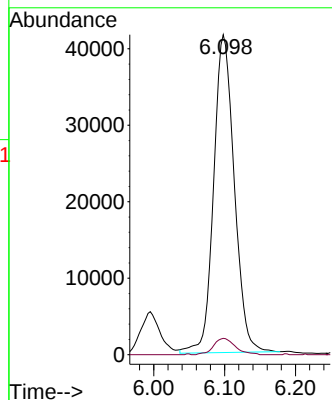
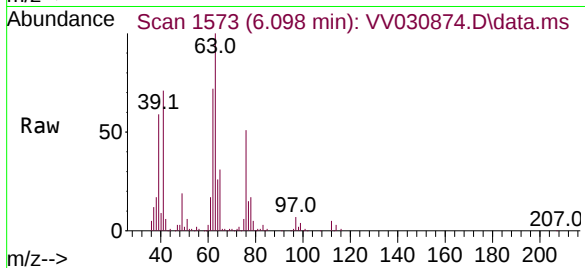
VSTD050342

Tgt Ion: 63 Resp: 84083

Ion Ratio Lower Upper

63 100

112 5.4 3.8 5.8



#38

Bromodichloromethane

Concen: 44.791 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VV030874.D

Acq: 26 Apr 2023 12:20

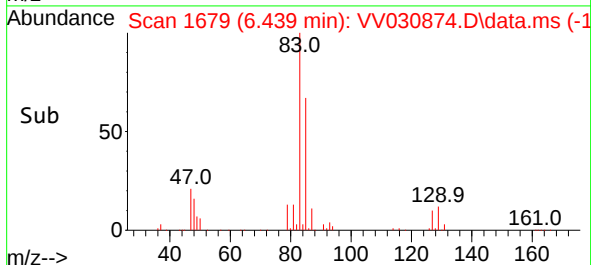
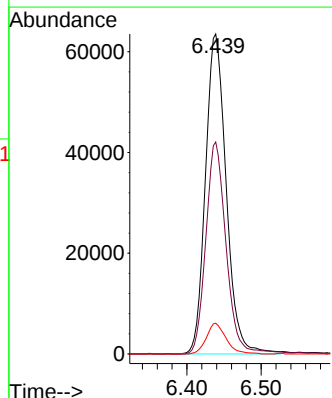
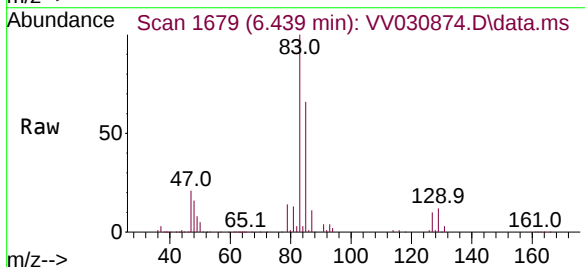
Tgt Ion: 83 Resp: 123316

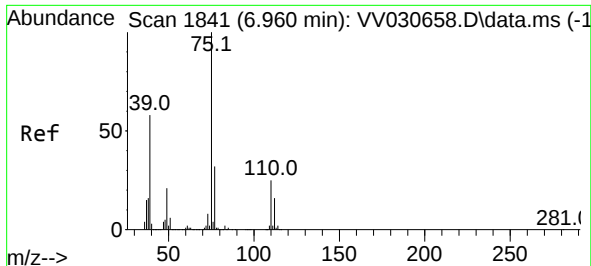
Ion Ratio Lower Upper

83 100

85 66.3 45.4 84.4

127 9.6 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 44.748 ug/L

RT: 6.960 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VV030874.D

Acq: 26 Apr 2023 12:20

Instrument :

MSVOA_V

ClientSampleId :

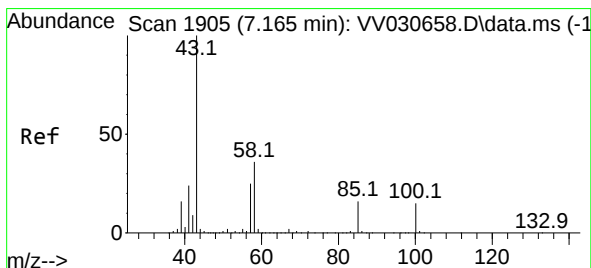
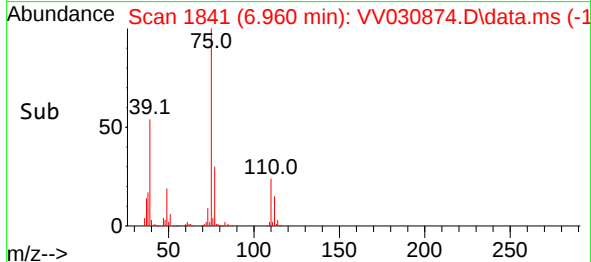
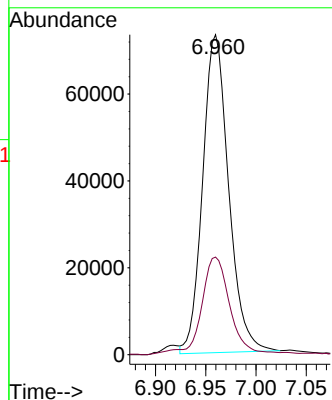
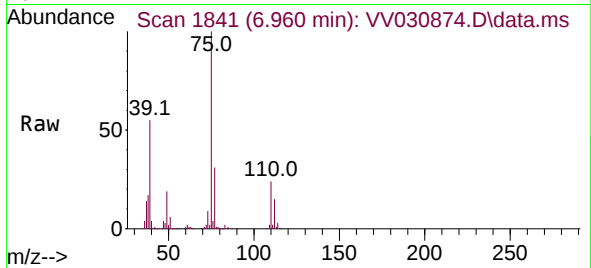
VSTD050342

Tgt Ion: 75 Resp: 131627

Ion Ratio Lower Upper

75 100

77 30.5 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 94.182 ug/L

RT: 7.165 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VV030874.D

Acq: 26 Apr 2023 12:20

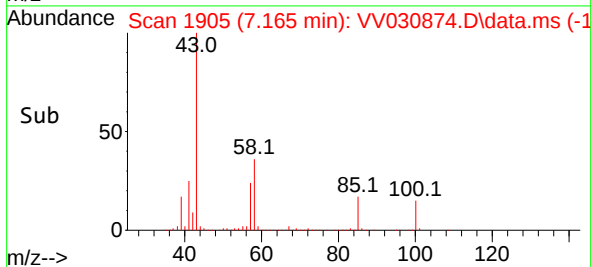
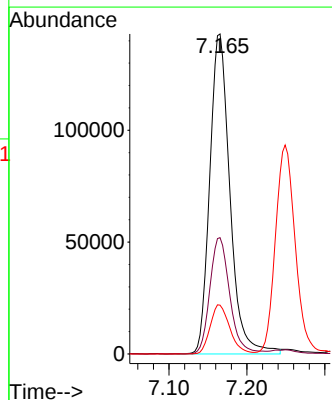
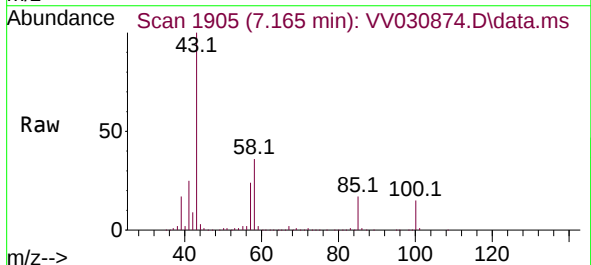
Tgt Ion: 43 Resp: 257843

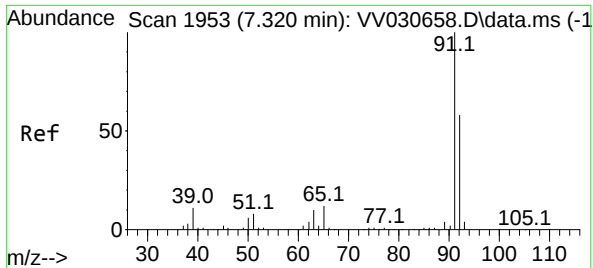
Ion Ratio Lower Upper

43 100

58 36.0 29.2 43.8

100 15.0 11.3 16.9

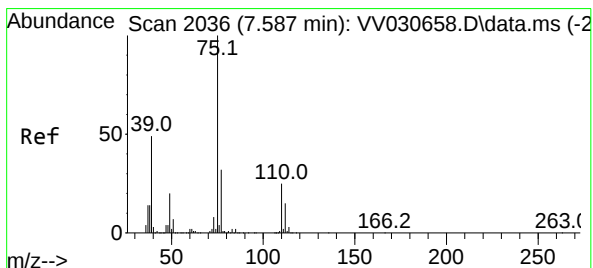
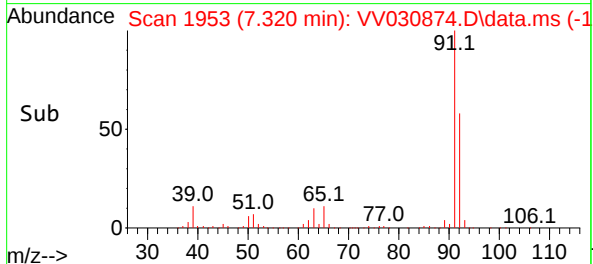
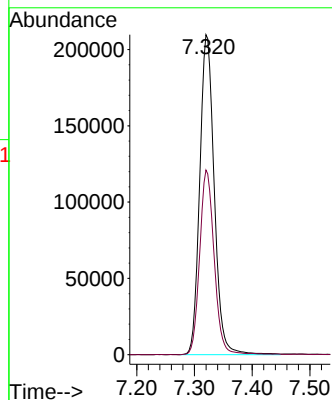
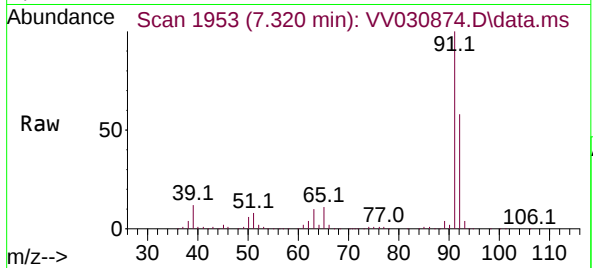




#42
Toluene
Concen: 46.928 ug/L
RT: 7.320 min Scan# 1953
Delta R.T. -0.003 min
Lab File: VV030874.D
Acq: 26 Apr 2023 12:20

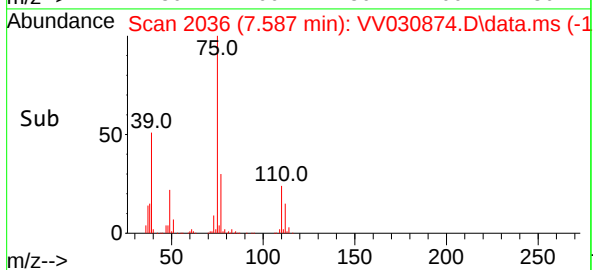
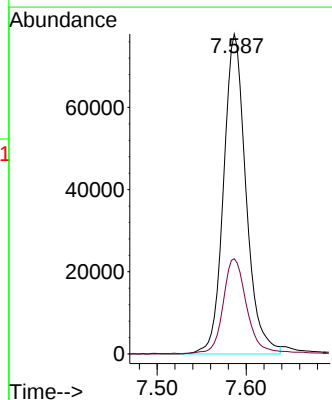
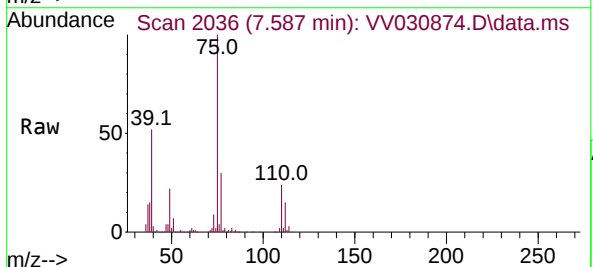
Instrument :
MSVOA_V
ClientSampleId :
VSTD050342

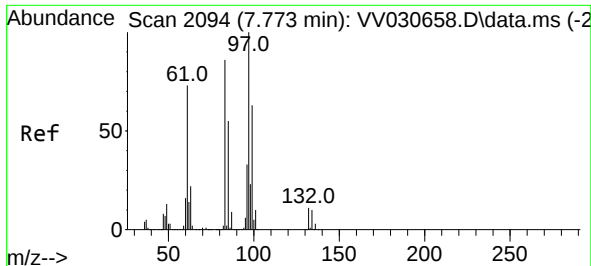
Tgt Ion: 91 Resp: 366006
Ion Ratio Lower Upper
91 100
92 57.7 39.8 73.8



#44
trans-1,3-Dichloropropene
Concen: 47.223 ug/L
RT: 7.587 min Scan# 2036
Delta R.T. -0.000 min
Lab File: VV030874.D
Acq: 26 Apr 2023 12:20

Tgt Ion: 75 Resp: 136470
Ion Ratio Lower Upper
75 100
77 29.7 22.1 41.1

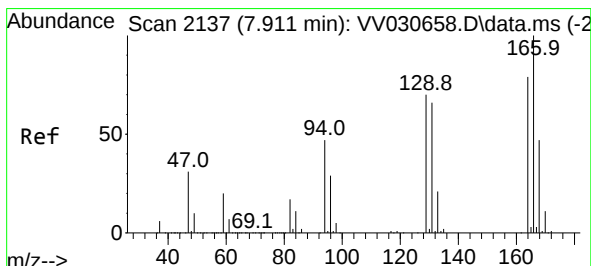
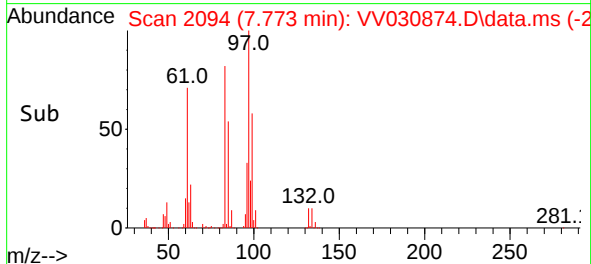
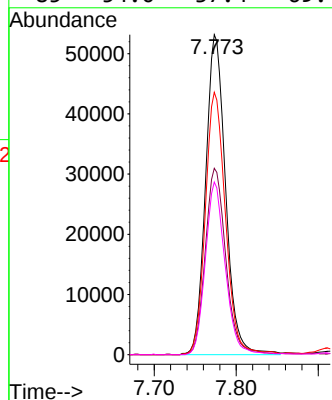
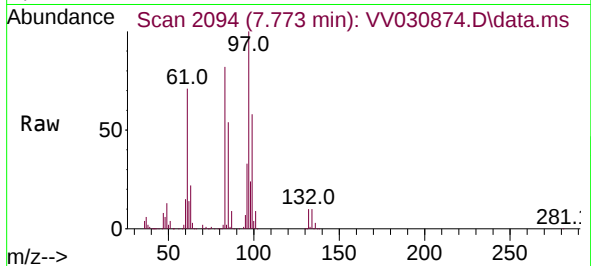




#45
1,1,2-Trichloroethane
Concen: 45.884 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. -0.003 min
Lab File: VV030874.D
Acq: 26 Apr 2023 12:20

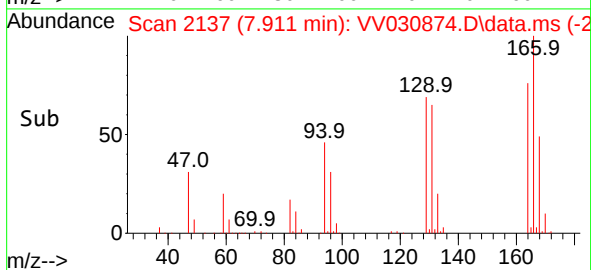
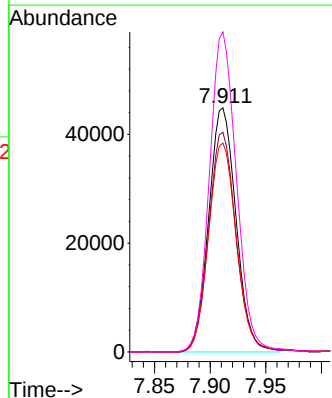
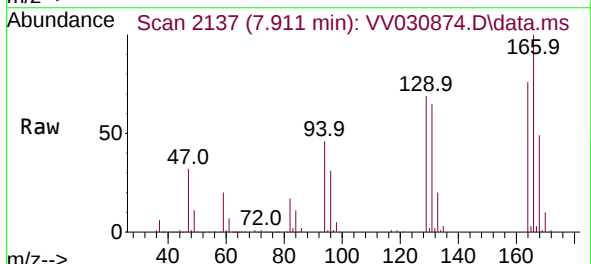
Instrument :
MSVOA_V
ClientSampleId :
VSTD050342

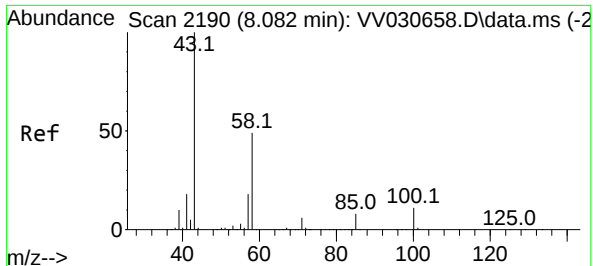
Tgt Ion: 97	Resp: 90172
Ion Ratio	Lower Upper
97 100	
99 58.3	43.8 81.4
83 82.0	59.6 110.6
85 54.0	37.4 69.4



#46
Tetrachloroethene
Concen: 46.298 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VV030874.D
Acq: 26 Apr 2023 12:20

Tgt	Ion:164	Resp:	76754
Ion	Ratio	Lower	Upper
164	100		
129	90.0	63.8	118.6
131	85.6	60.3	111.9
166	131.1	89.5	166.1



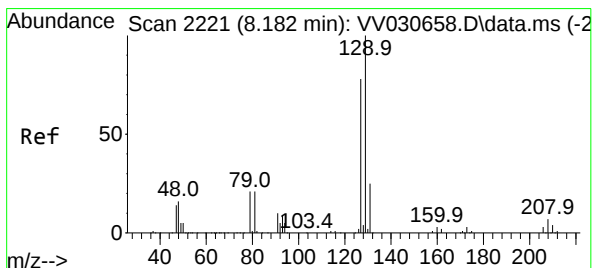
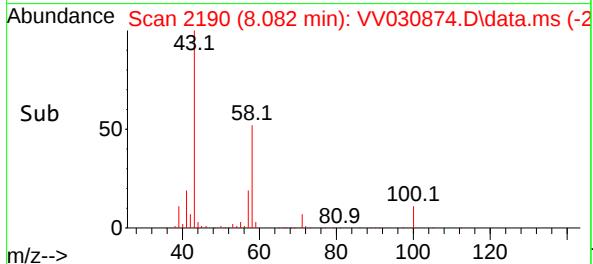
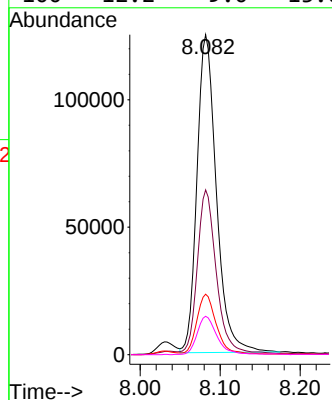
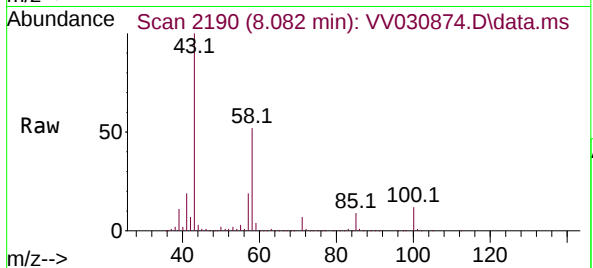


#48
2-Hexanone
Concen: 93.475 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. -0.000 min
Lab File: VV030874.D
Acq: 26 Apr 2023 12:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD050342

Tgt Ion: 43 Resp: 211153

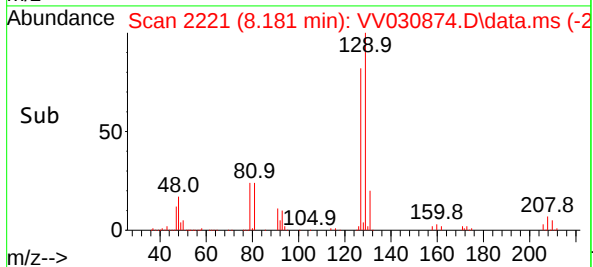
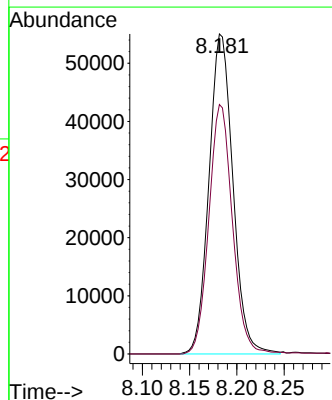
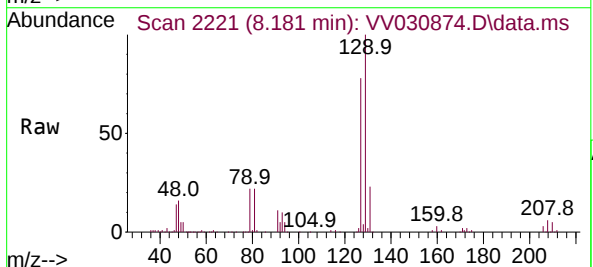
Ion	Ratio	Lower	Upper
43	100		
58	49.1	41.4	62.0
57	19.0	14.9	22.3
100	12.2	9.0	13.6

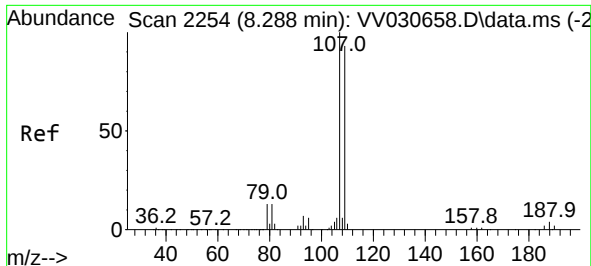


#49
Dibromochloromethane
Concen: 44.775 ug/L
RT: 8.181 min Scan# 2221
Delta R.T. -0.003 min
Lab File: VV030874.D
Acq: 26 Apr 2023 12:20

Tgt Ion: 129 Resp: 97059

Ion	Ratio	Lower	Upper
129	100		
127	78.0	52.8	98.2





#50

1,2-Dibromoethane

Concen: 44.242 ug/L

RT: 8.288 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV030874.D

Acq: 26 Apr 2023 12:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD050342

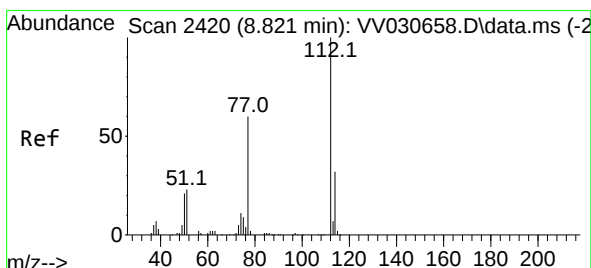
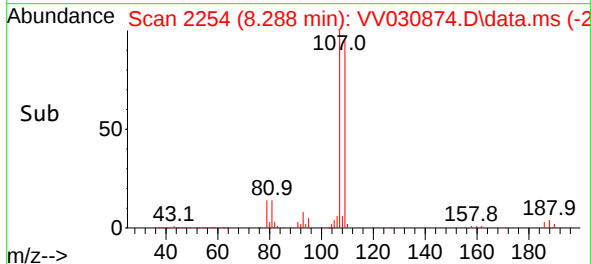
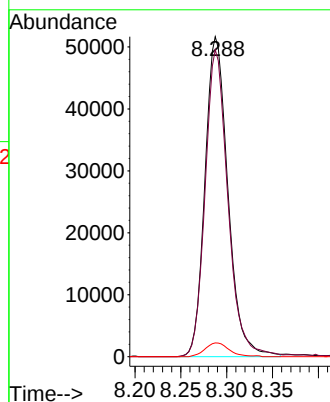
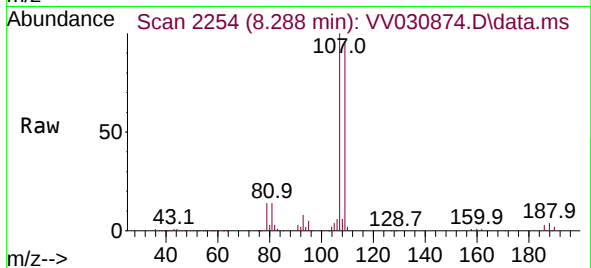
Tgt Ion:107 Resp: 90088

Ion Ratio Lower Upper

107 100

109 95.9 65.7 121.9

188 4.3 3.2 4.8



#51

Chlorobenzene

Concen: 46.281 ug/L

RT: 8.818 min Scan# 2419

Delta R.T. -0.003 min

Lab File: VV030874.D

Acq: 26 Apr 2023 12:20

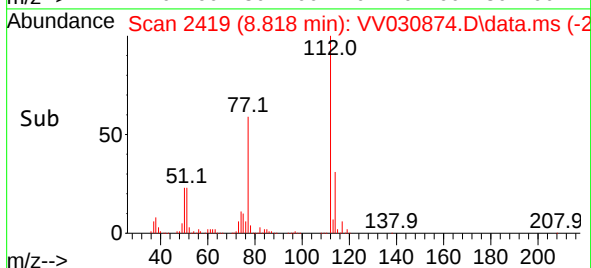
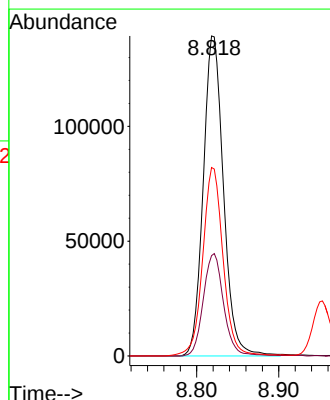
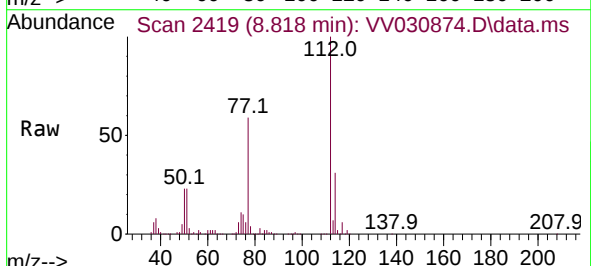
Tgt Ion:112 Resp: 239058

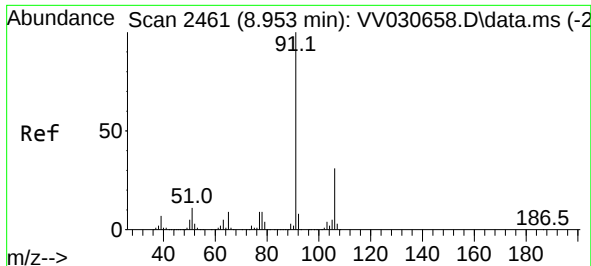
Ion Ratio Lower Upper

112 100

114 31.4 22.4 41.6

77 58.9 47.4 71.0

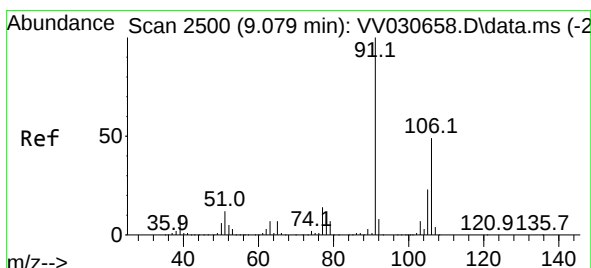
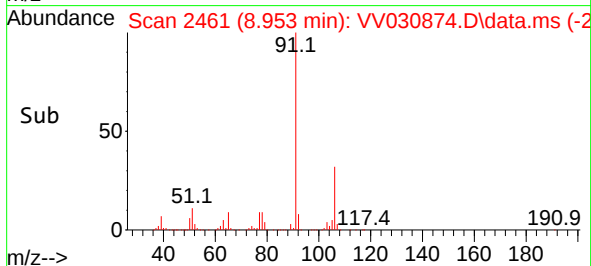
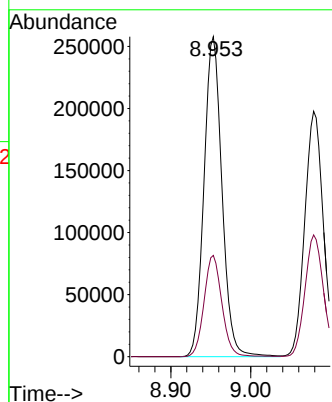
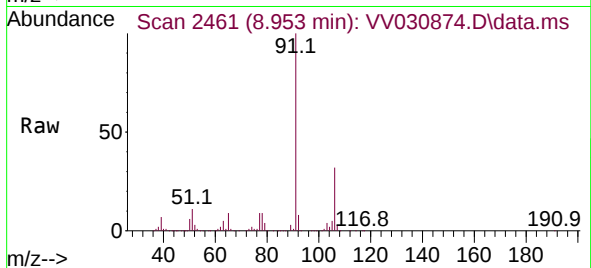




#52
Ethylbenzene
Concen: 46.739 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. -0.000 min
Lab File: VV030874.D
Acq: 26 Apr 2023 12:20

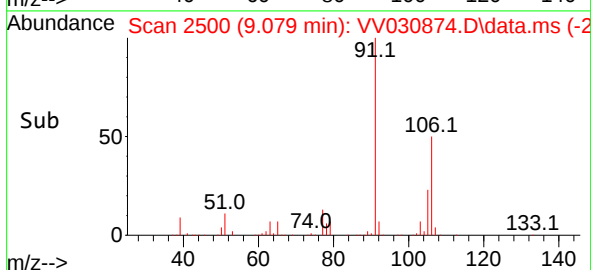
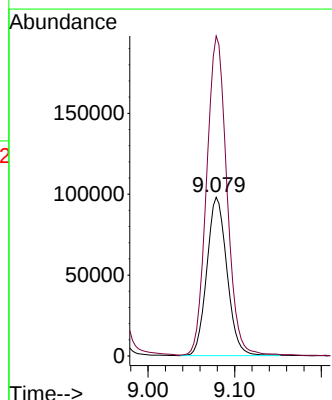
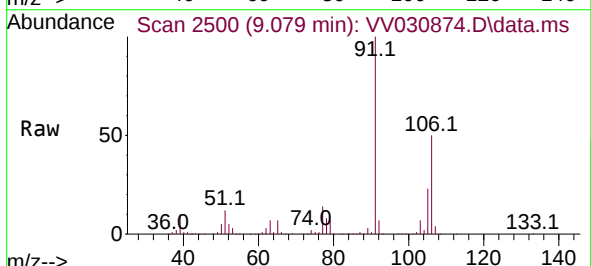
Instrument :
MSVOA_V
ClientSampleId :
VSTD050342

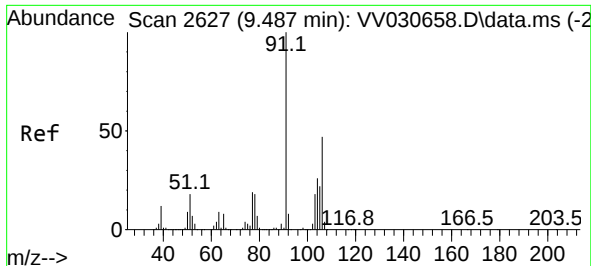
Tgt Ion: 91 Resp: 403553
Ion Ratio Lower Upper
91 100
106 31.7 21.8 40.4



#53
m,p-Xylene
Concen: 48.535 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. -0.000 min
Lab File: VV030874.D
Acq: 26 Apr 2023 12:20

Tgt Ion: 106 Resp: 158290
Ion Ratio Lower Upper
106 100
91 201.5 144.7 268.7

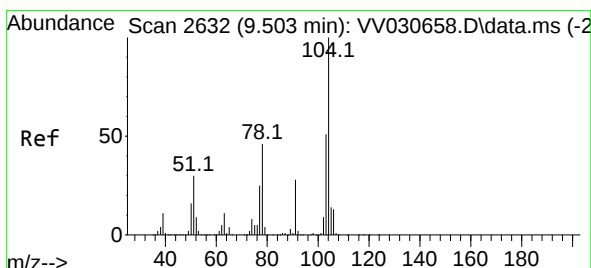
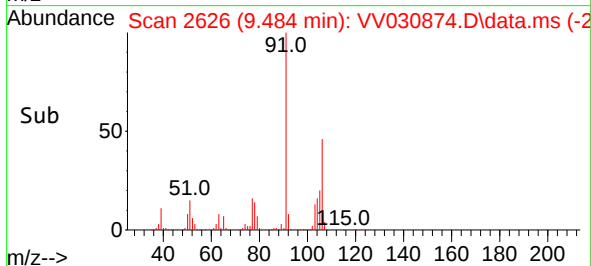
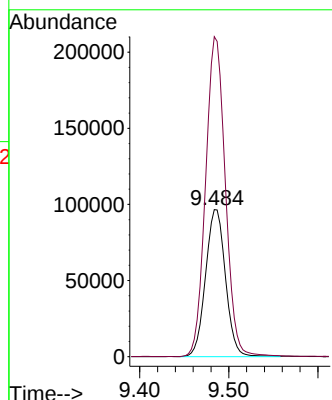
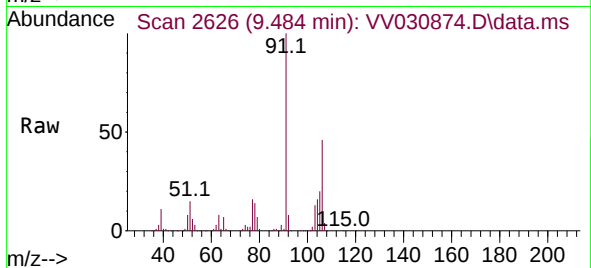




#54
o-Xylene
Concen: 47.004 ug/L
RT: 9.484 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV030874.D
Acq: 26 Apr 2023 12:20

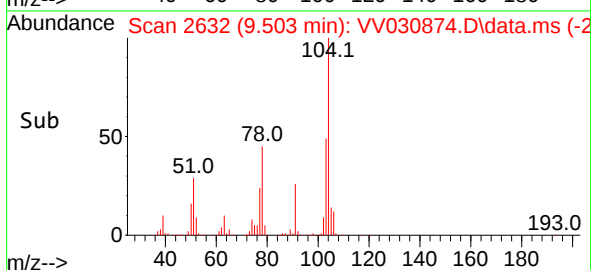
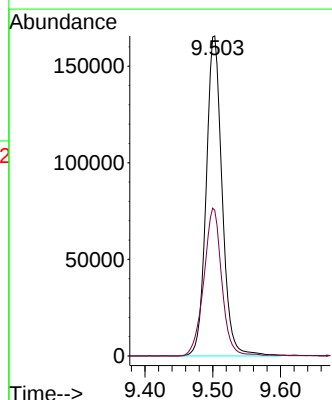
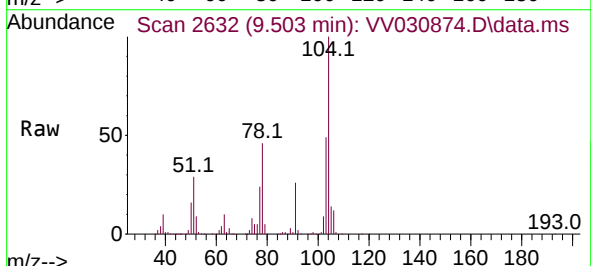
Instrument :
MSVOA_V
ClientSampleId :
VSTD050342

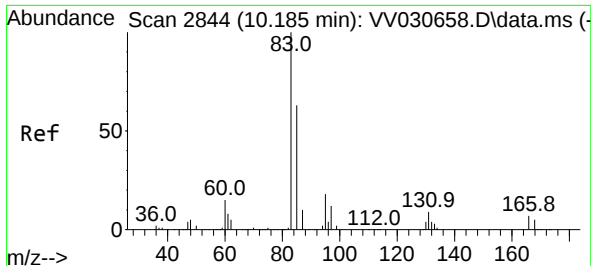
Tgt Ion:106 Resp: 149968
Ion Ratio Lower Upper
106 100
91 217.7 152.6 283.4



#55
Styrene
Concen: 48.383 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. -0.000 min
Lab File: VV030874.D
Acq: 26 Apr 2023 12:20

Tgt Ion:104 Resp: 271158
Ion Ratio Lower Upper
104 100
78 45.5 32.3 59.9

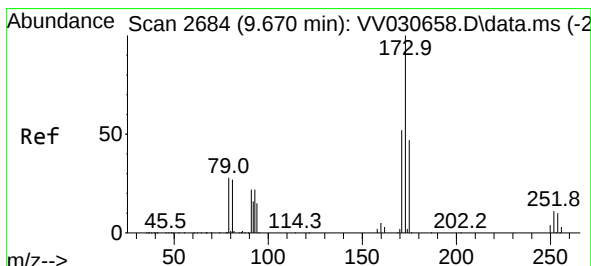
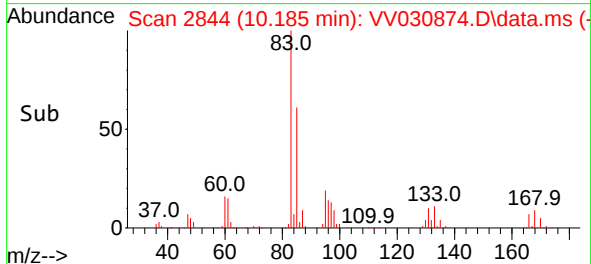
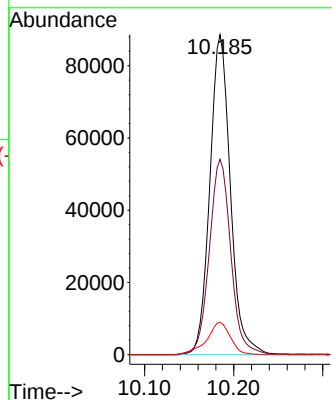
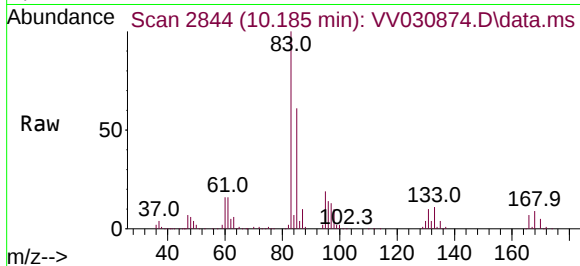




#57
1,1,2,2-Tetrachloroethane
Concen: 43.987 ug/L
RT: 10.185 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VV030874.D
Acq: 26 Apr 2023 12:20

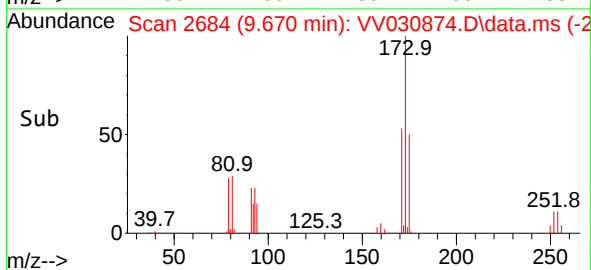
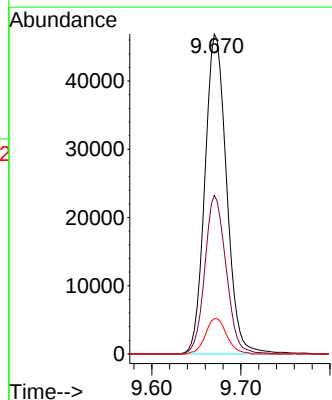
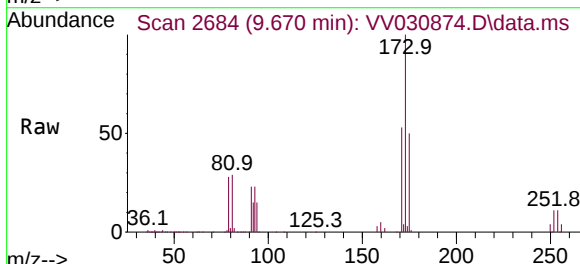
Instrument :
MSVOA_V
ClientSampleId :
VSTD050342

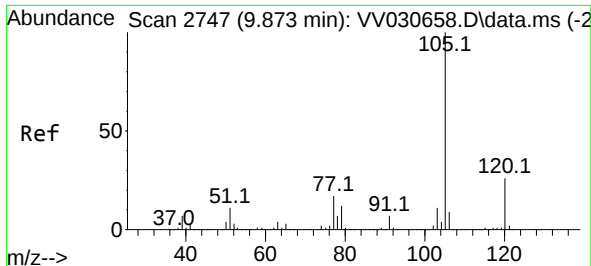
Tgt Ion: 83 Resp: 141928
Ion Ratio Lower Upper
83 100
85 61.1 45.1 83.7
131 10.2 8.0 12.0



#59
Bromoform
Concen: 43.795 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. -0.000 min
Lab File: VV030874.D
Acq: 26 Apr 2023 12:20

Tgt Ion: 173 Resp: 79251
Ion Ratio Lower Upper
173 100
175 48.6 38.8 58.2
254 10.9 8.2 12.4

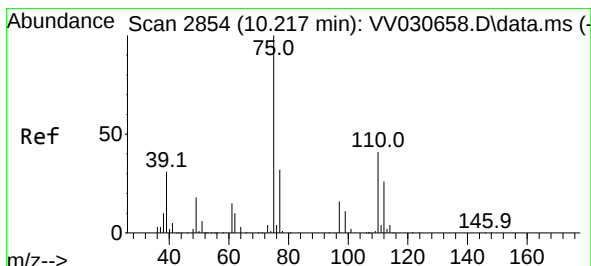
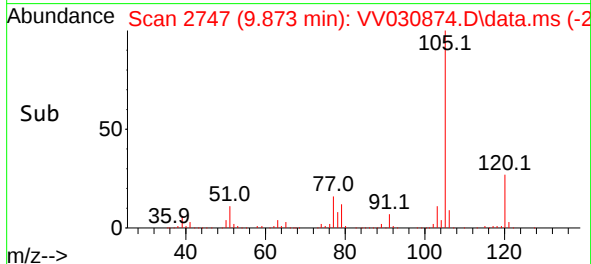
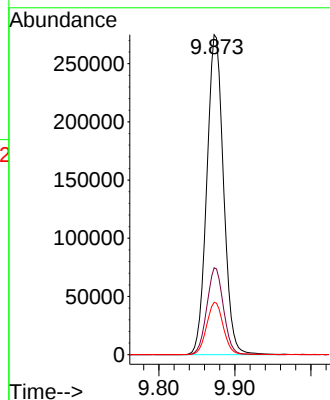
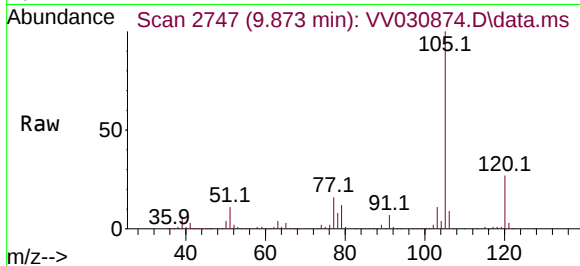




#60
Isopropylbenzene
Concen: 46.471 ug/L
RT: 9.873 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV030874.D
Acq: 26 Apr 2023 12:20

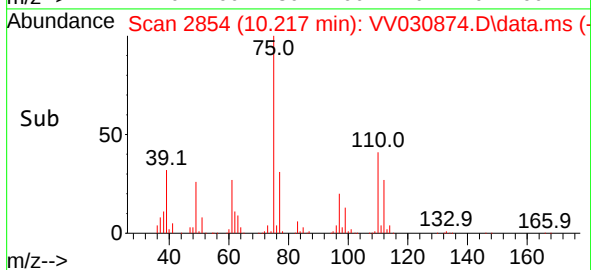
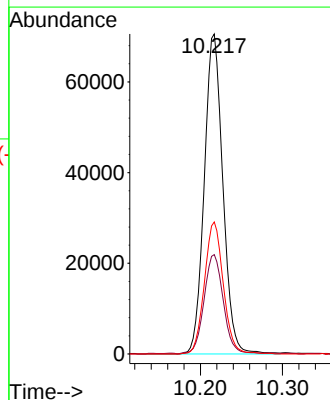
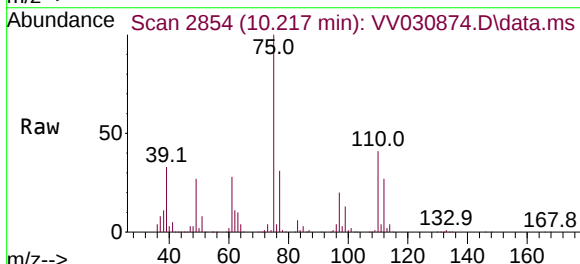
Instrument :
MSVOA_V
ClientSampleId :
VSTD050342

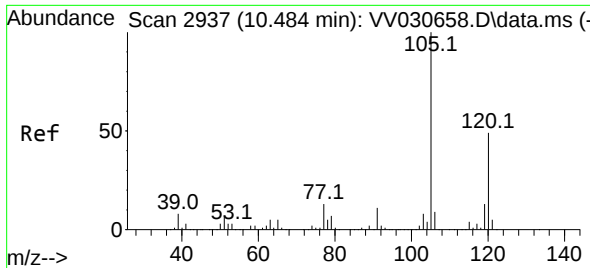
Tgt Ion:105 Resp: 418895
Ion Ratio Lower Upper
105 100
120 27.2 20.9 31.3
77 16.2 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 42.927 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. -0.000 min
Lab File: VV030874.D
Acq: 26 Apr 2023 12:20

Tgt Ion: 75 Resp: 111125
Ion Ratio Lower Upper
75 100
77 32.2 25.7 38.5
110 41.9 32.8 49.2

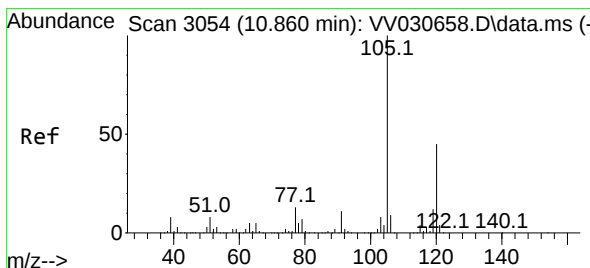
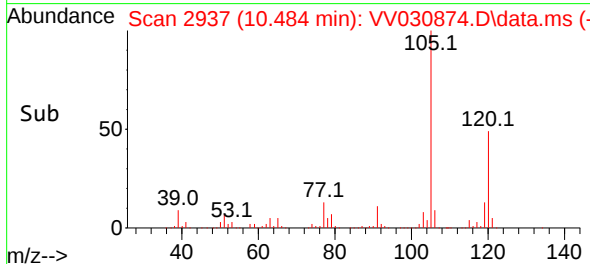
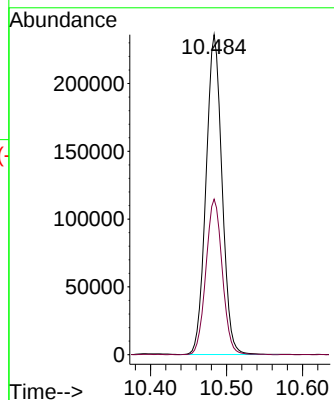
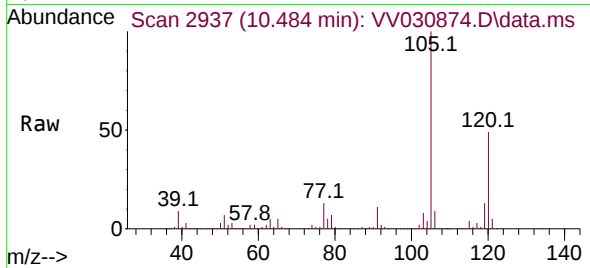




#62
 1,3,5-Trimethylbenzene
 Concen: 46.553 ug/L
 RT: 10.484 min Scan# 2937
 Delta R.T. -0.000 min
 Lab File: VV030874.D
 Acq: 26 Apr 2023 12:20

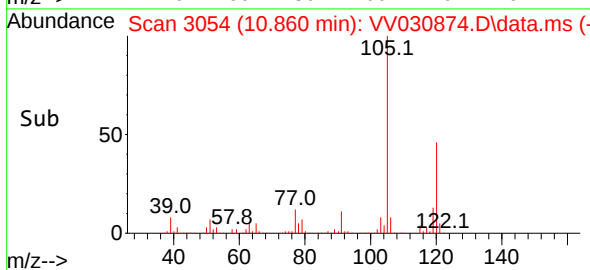
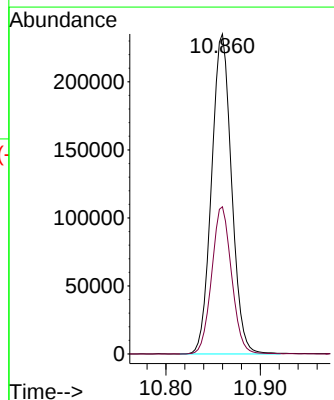
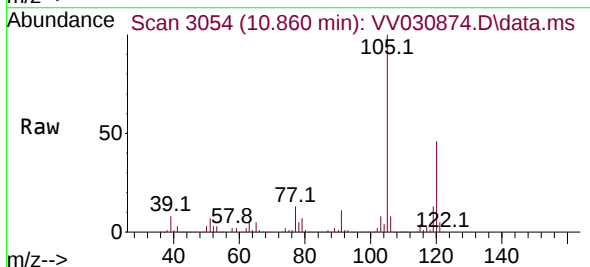
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050342

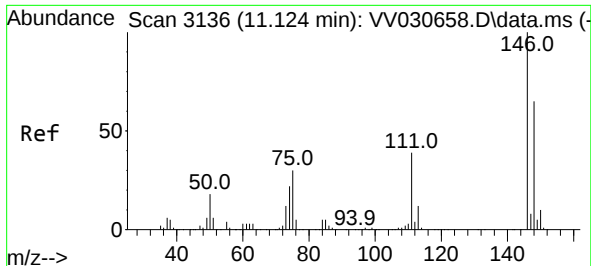
Tgt Ion:105 Resp: 345502
 Ion Ratio Lower Upper
 105 100
 120 49.6 39.2 58.8



#63
 1,2,4-Trimethylbenzene
 Concen: 46.659 ug/L
 RT: 10.860 min Scan# 3054
 Delta R.T. -0.000 min
 Lab File: VV030874.D
 Acq: 26 Apr 2023 12:20

Tgt Ion:105 Resp: 345755
 Ion Ratio Lower Upper
 105 100
 120 45.7 36.2 54.4

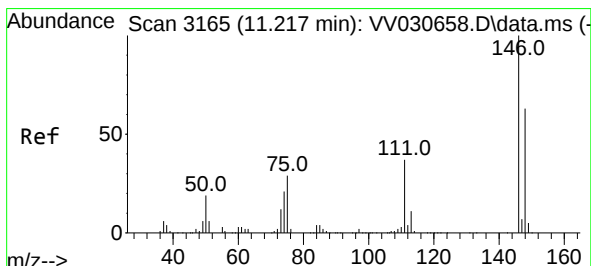
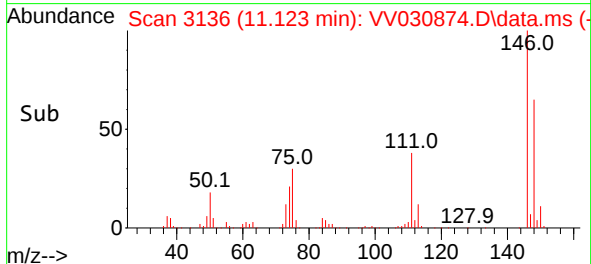
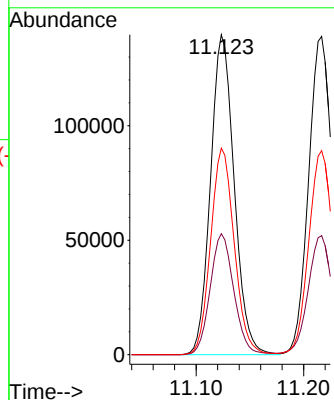
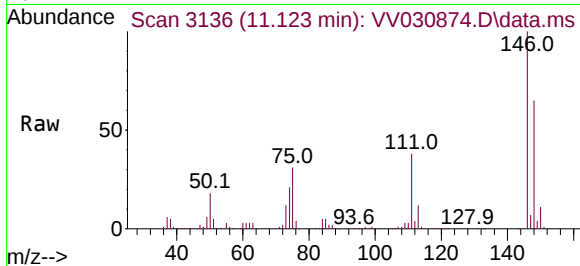




#64
1,3-Dichlorobenzene
Concen: 47.377 ug/L
RT: 11.123 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VV030874.D
Acq: 26 Apr 2023 12:20

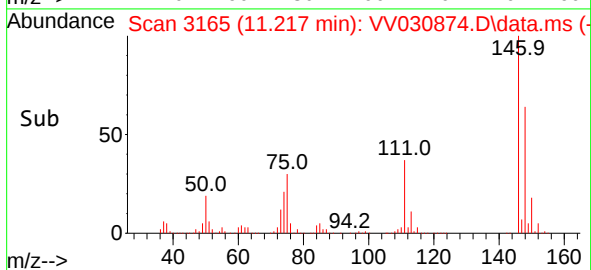
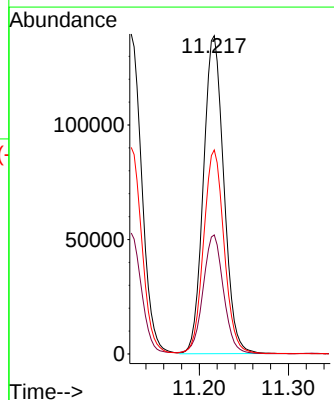
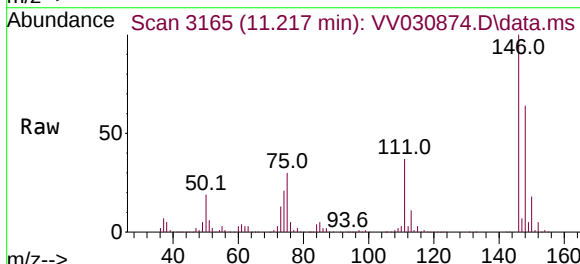
Instrument :
MSVOA_V
ClientSampleId :
VSTD050342

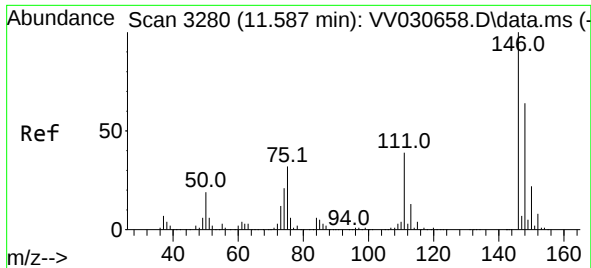
Tgt Ion:146 Resp: 213809
Ion Ratio Lower Upper
146 100
111 37.8 27.0 50.2
148 64.5 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 46.326 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030874.D
Acq: 26 Apr 2023 12:20

Tgt Ion:146 Resp: 220458
Ion Ratio Lower Upper
146 100
111 37.4 26.5 49.1
148 64.1 44.7 83.1

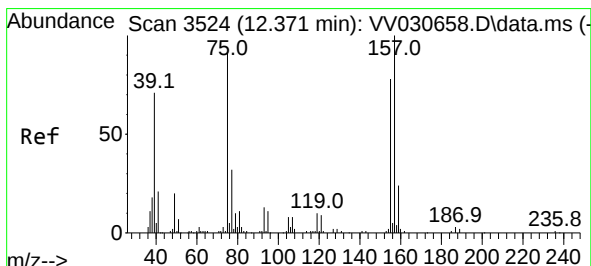
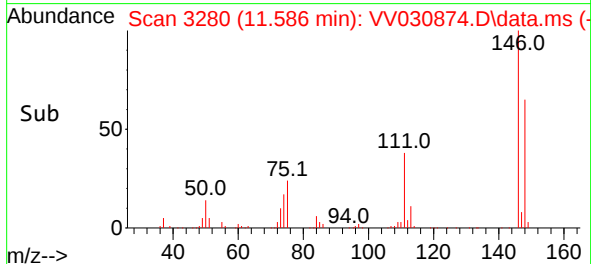
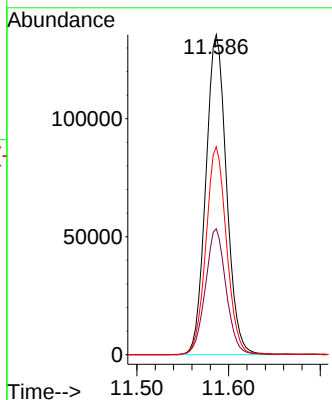
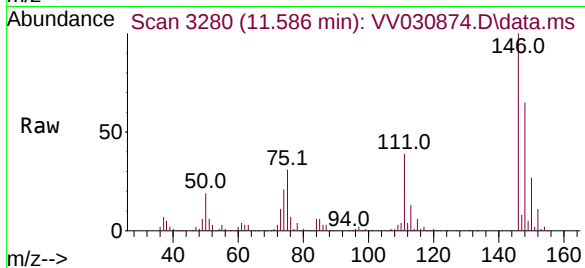




#67
1,2-Dichlorobenzene
Concen: 46.787 ug/L
RT: 11.586 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV030874.D
Acq: 26 Apr 2023 12:20

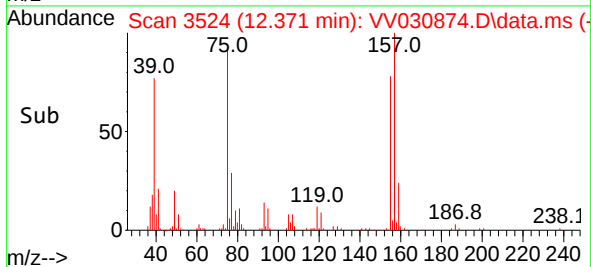
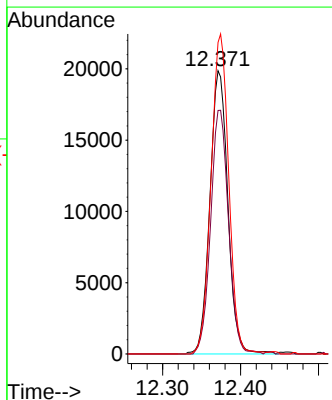
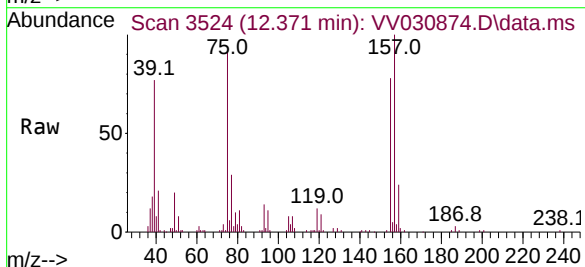
Instrument :
MSVOA_V
ClientSampleId :
VSTD050342

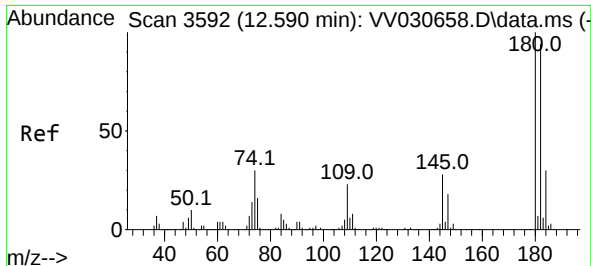
Tgt Ion:146 Resp: 213012
Ion Ratio Lower Upper
146 100
111 39.3 32.0 48.0
148 65.0 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 41.591 ug/L
RT: 12.371 min Scan# 3524
Delta R.T. -0.000 min
Lab File: VV030874.D
Acq: 26 Apr 2023 12:20

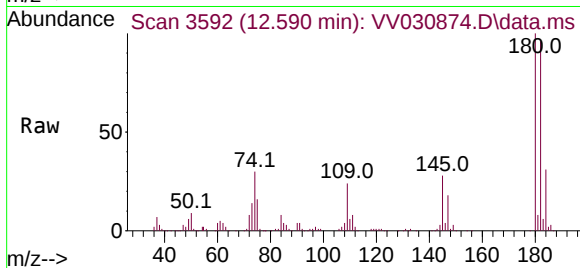
Tgt Ion: 75 Resp: 31899
Ion Ratio Lower Upper
75 100
155 86.0 65.0 97.6
157 110.0 84.4 126.6





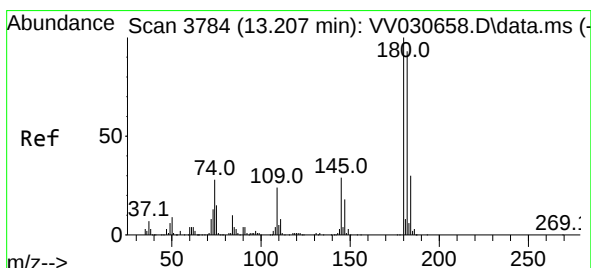
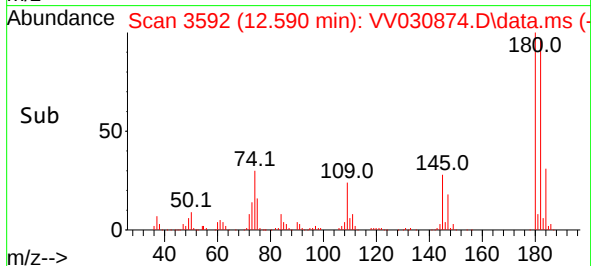
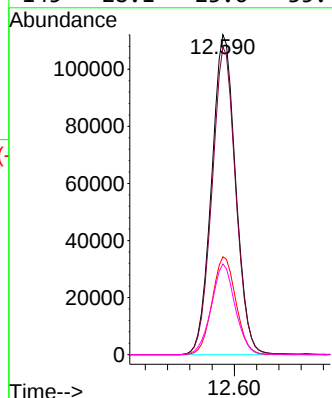
#69
 1,3,5-Trichlorobenzene
 Concen: 49.273 ug/L
 RT: 12.590 min Scan# 3592
 Delta R.T. -0.000 min
 Lab File: VV030874.D
 Acq: 26 Apr 2023 12:20

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050342



Tgt Ion:180 Resp: 167978

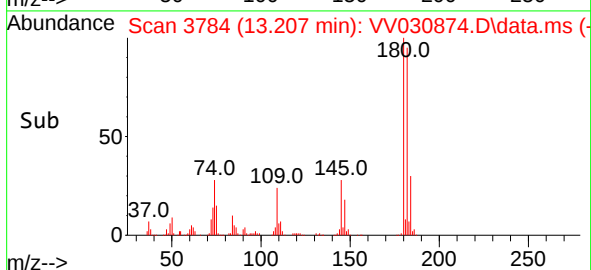
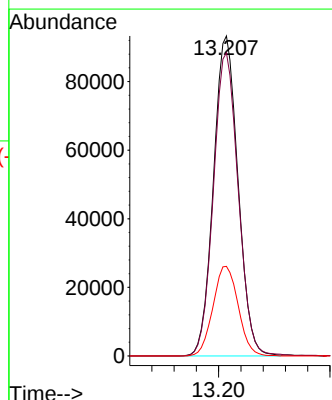
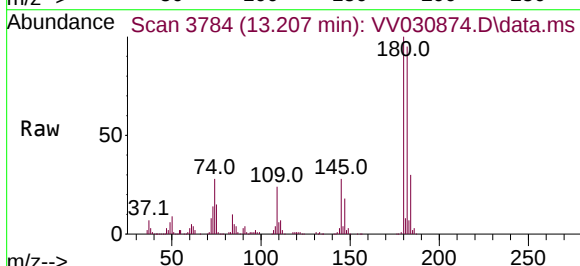
Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.4	114.6
184	30.2	24.1	36.1
145	28.1	23.6	35.4

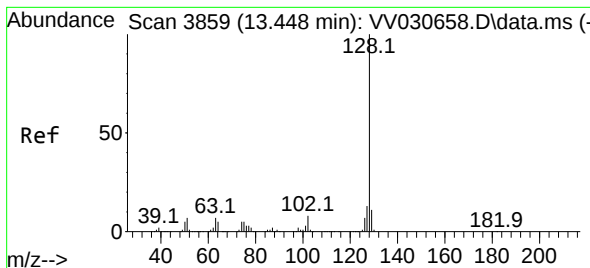


#70
 1,2,4-trichlorobenzene
 Concen: 49.301 ug/L
 RT: 13.207 min Scan# 3784
 Delta R.T. -0.000 min
 Lab File: VV030874.D
 Acq: 26 Apr 2023 12:20

Tgt Ion:180 Resp: 142704

Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.9	113.9
145	28.8	23.4	35.2





#71

Naphthalene

Concen: 50.425 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. -0.000 min

Lab File: VV030874.D

Acq: 26 Apr 2023 12:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD050342

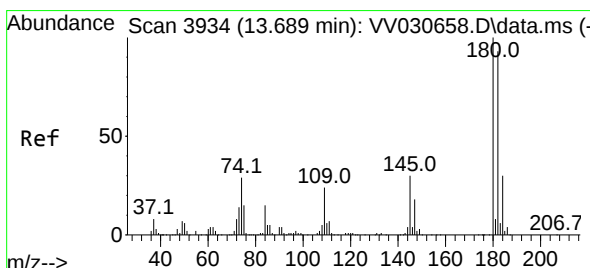
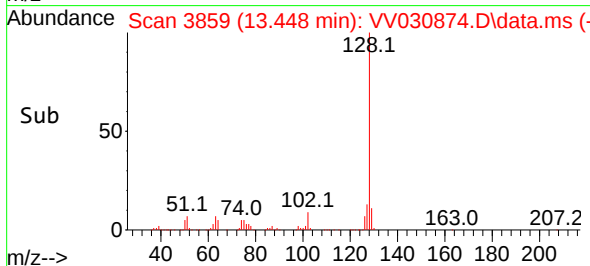
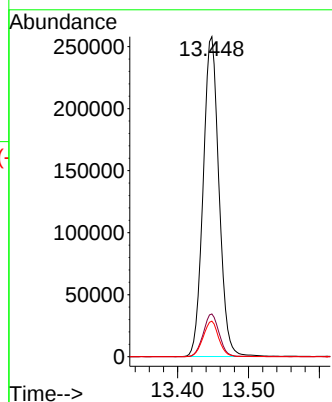
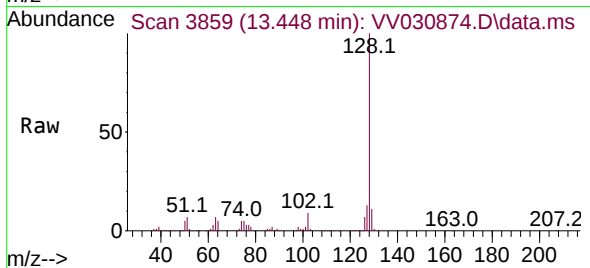
Tgt Ion:128 Resp: 399267

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

129 11.0 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 50.728 ug/L

RT: 13.689 min Scan# 3934

Delta R.T. -0.000 min

Lab File: VV030874.D

Acq: 26 Apr 2023 12:20

Tgt Ion:180 Resp: 145600

Ion Ratio Lower Upper

180 100

182 96.1 76.2 114.4

145 31.0 25.1 37.7

