

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061423\
 Data File : VW031515.D
 Acq On : 14 Jun 2023 14:40
 Operator : SY/MD
 Sample : VSTD10036
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100236

Quant Time: Jun 15 00:18:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 15 00:16:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	255869	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	248519	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	153497	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.285	65	162323	77.082	ug/L	0.00
7) Chloroethane-d5	1.535	69	144896	86.977	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.066	65	82537	82.866	ug/L	0.00
21) 2-Butanone-d5	3.796	46	284239	235.177	ug/L	0.00
24) Chloroform-d	4.259	84	409795	103.161	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	260813	98.861	ug/L	0.00
32) Benzene-d6	4.969	84	725080	105.950	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	247504	116.584	ug/L	0.00
41) Toluene-d8	7.249	98	680312	107.042	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	130084	122.909	ug/L	0.00
47) 2-Hexanone-d5	8.030	63	228978	273.941	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	366645	114.959	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	292164	103.869	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.111	85	259586	139.085	ug/L	98
3) Chloromethane	1.217	50	243312	124.486	ug/L	98
5) Vinyl chloride	1.288	62	245250	136.701	ug/L	98
6) Bromomethane	1.490	94	161207	150.804	ug/L	98
8) Chloroethane	1.551	64	156798	135.219	ug/L	98
9) Trichlorofluoromethane	1.719	101	404957	119.742	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	220415	123.707	ug/L	97
12) 1,1-Dichloroethene	2.076	96	187226	122.485	ug/L	99
13) Acetone	2.124	43	237794	159.347	ug/L	97
14) Carbon disulfide	2.249	76	569267	176.665	ug/L	98
15) Methyl Acetate	2.378	43	228409	124.927	ug/L	100
16) Methylene chloride	2.455	84	221594	127.920	ug/L	99
17) trans-1,2-Dichloroethene	2.703	96	198343	136.365	ug/L	98
18) Methyl tert-butyl Ether	2.712	73	693637	128.418	ug/L	99
19) 1,1-Dichloroethane	3.121	63	417833	128.709	ug/L	99
20) cis-1,2-Dichloroethene	3.825	96	223291	128.754	ug/L	99
22) 2-Butanone	3.876	43	335982	225.661	ug/L	100
23) Bromochloromethane	4.156	128	115961	122.426	ug/L	97
25) Chloroform	4.284	83	434709	121.709	ug/L	100
27) 1,2-Dichloroethane	5.047	62	337858	114.541	ug/L	98
29) Cyclohexane	4.593	56	362659	162.757	ug/L	99
30) 1,1,1-Trichloroethane	4.522	97	394358	121.871	ug/L	100
31) Carbon tetrachloride	4.744	117	354222	124.599	ug/L	99
33) Benzene	5.018	78	860464	133.658	ug/L	100
34) Trichloroethene	5.841	95	227238	131.679	ug/L	89
35) Methylcyclohexane	6.059	83	360223	152.372	ug/L	98
37) 1,2-Dichloropropane	6.101	63	247642	137.509	ug/L	100
38) Bromodichloromethane	6.439	83	332727	123.287	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	399750	144.210	ug/L	99
40) 4-Methyl-2-pentanone	7.165	43	629391	239.963	ug/L	99
42) Toluene	7.323	91	930659	134.162	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	388992	140.634	ug/L	99

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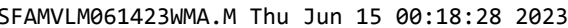
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100236

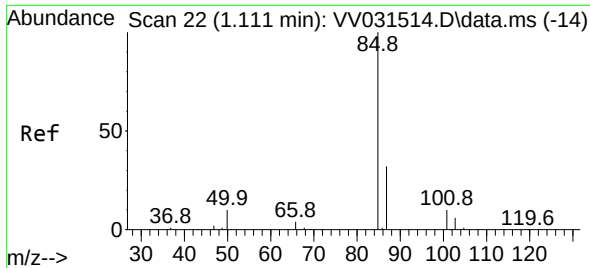
Quant Time: Jun 15 00:18:18 2023
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.773	97	231845	122.220	ug/L	99
46) Tetrachloroethene	7.911	164	174792	120.265	ug/L	97
48) 2-Hexanone	8.082	43	500108	232.579	ug/L	99
49) Dibromochloromethane	8.181	129	261738	122.554	ug/L	99
50) 1,2-Dibromoethane	8.288	107	250499	129.924	ug/L	100
51) Chlorobenzene	8.818	112	576173	119.376	ug/L	99
52) Ethylbenzene	8.953	91	1058259	133.999	ug/L	100
53) m,p-Xylene	9.079	106	387925	128.064	ug/L	98
54) o-Xylene	9.484	106	375458	126.747	ug/L	99
55) Styrene	9.500	104	676992	128.653	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.185	83	378537	121.114	ug/L	96
59) Bromoform	9.670	173	196953	107.100	ug/L #	98
60) Isopropylbenzene	9.873	105	1068593	123.515	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	296239	118.770	ug/L	100
62) 1,3,5-Trimethylbenzene	10.484	105	907572	126.952	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	848448	122.834	ug/L	99
64) 1,3-Dichlorobenzene	11.123	146	502602	115.042	ug/L	99
65) 1,4-Dichlorobenzene	11.213	146	515782	113.423	ug/L	99
67) 1,2-Dichlorobenzene	11.586	146	501446	113.647	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	88767	116.231	ug/L	95
69) 1,3,5-Trichlorobenzene	12.590	180	381319	113.197	ug/L	100
70) 1,2,4-trichlorobenzene	13.204	180	351492	122.731	ug/L	99
71) Naphthalene	13.445	128	945477	126.327	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	357389	123.082	ug/L	98

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

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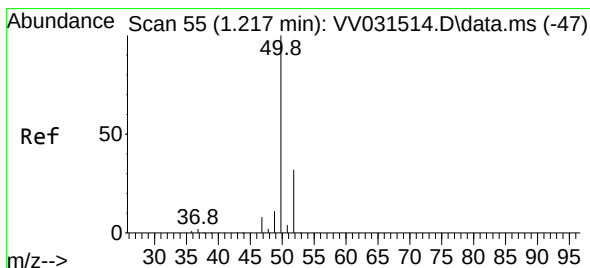
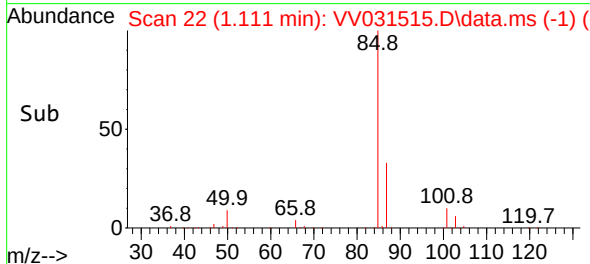
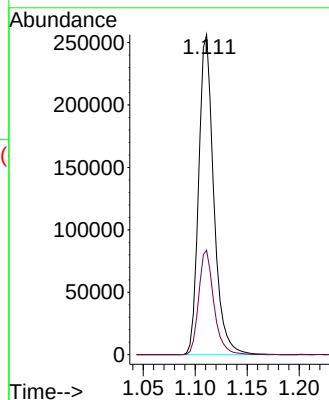
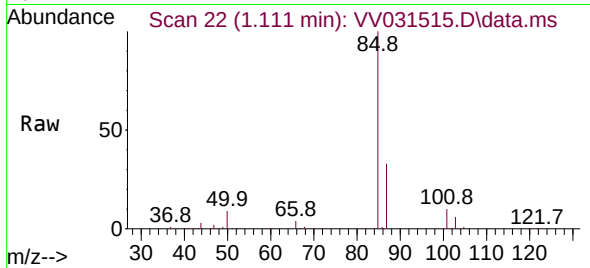




#2
 Dichlorodifluoromethane
 Concen: 139.085 ug/L
 RT: 1.111 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV031515.D
 Acq: 14 Jun 2023 14:40

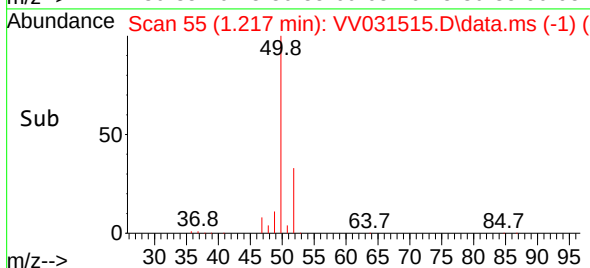
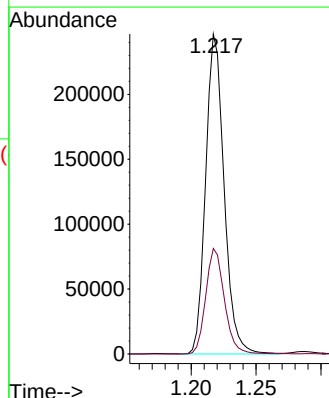
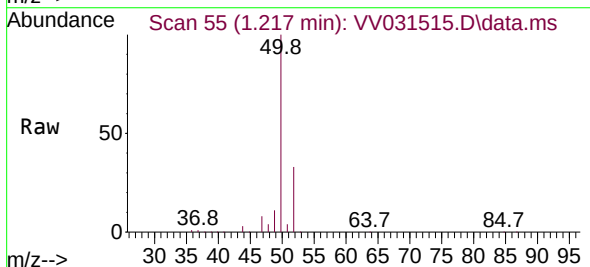
Instrument :
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 ClientSampleId :
 VSTD100236

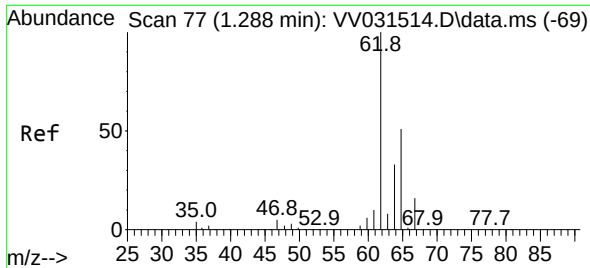
Tgt Ion: 85 Resp: 259586
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.5 38.3



#3
 Chloromethane
 Concen: 124.486 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV031515.D
 Acq: 14 Jun 2023 14:40

Tgt Ion: 50 Resp: 243312
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.3 41.5

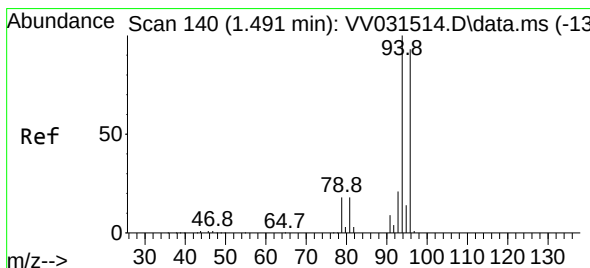
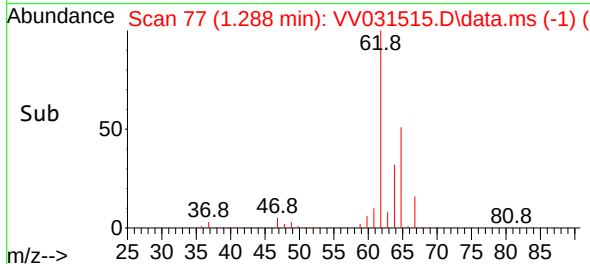
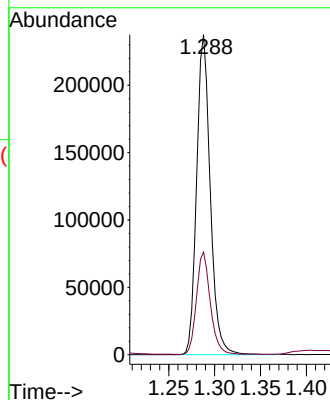
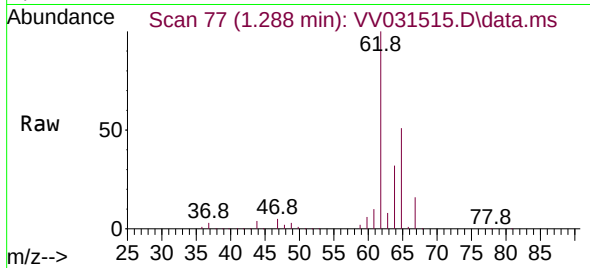




#5
 Vinyl chloride
 Concen: 136.701 ug/L
 RT: 1.288 min Scan# 77
 Delta R.T. -0.000 min
 Lab File: VV031515.D
 Acq: 14 Jun 2023 14:40

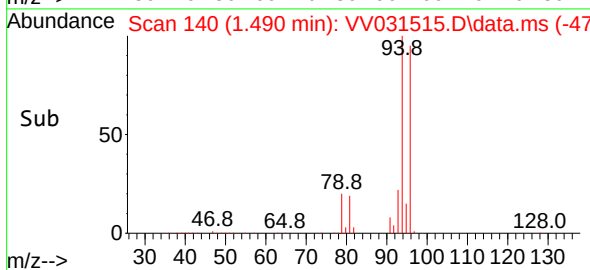
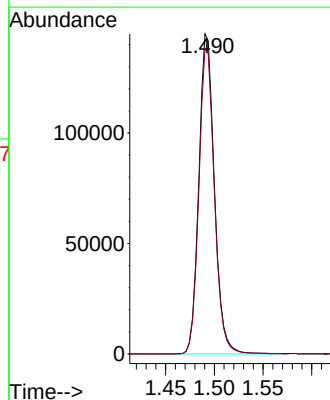
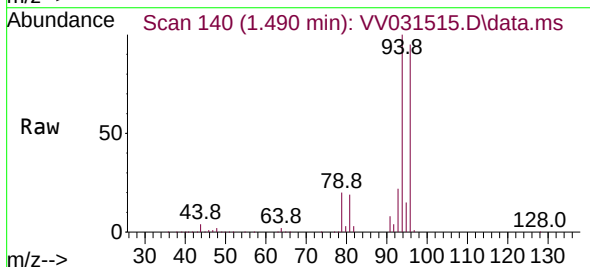
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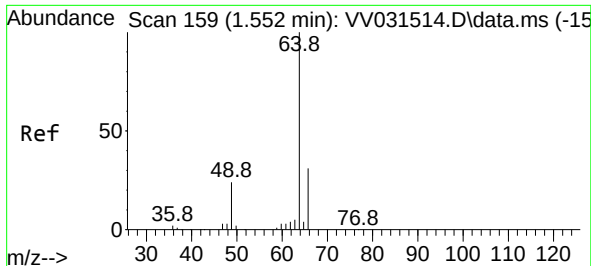
Tgt Ion: 62 Resp: 245250
 Ion Ratio Lower Upper
 62 100
 64 32.0 23.4 43.4



#6
 Bromomethane
 Concen: 150.804 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. -0.000 min
 Lab File: VV031515.D
 Acq: 14 Jun 2023 14:40

Tgt Ion: 94 Resp: 161207
 Ion Ratio Lower Upper
 94 100
 96 95.4 65.4 121.4

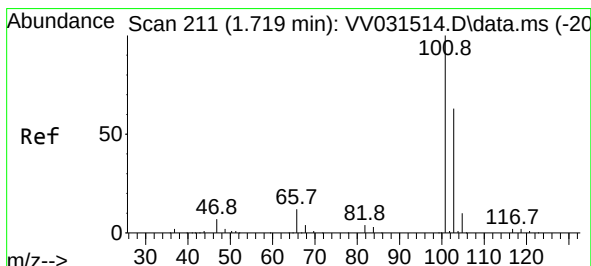
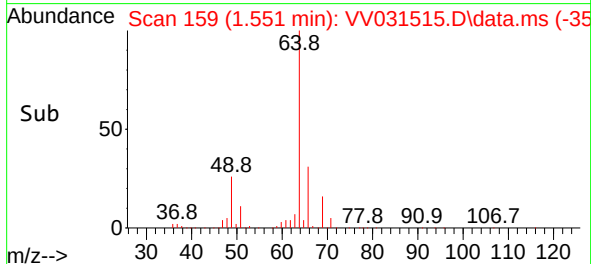
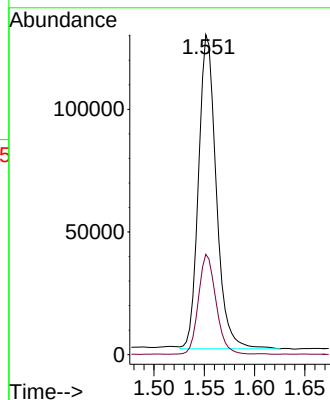
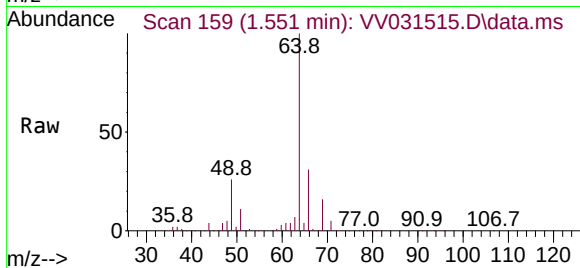




#8
Chloroethane
Concen: 135.219 ug/L
RT: 1.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV031515.D
Acq: 14 Jun 2023 14:40

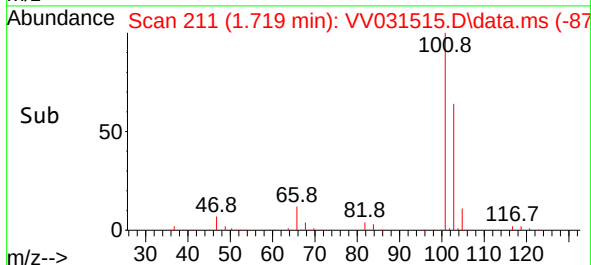
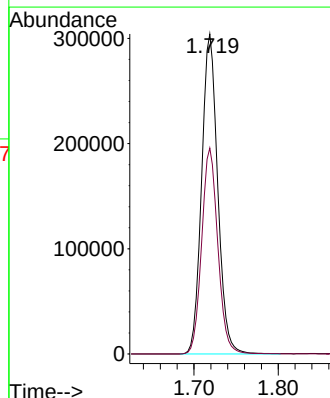
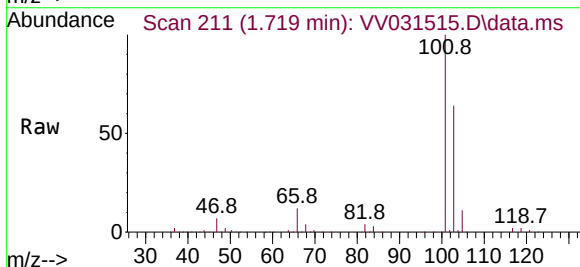
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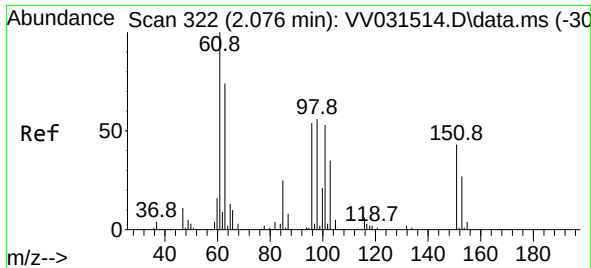
Tgt Ion: 64 Resp: 156798
Ion Ratio Lower Upper
64 100
66 31.3 21.0 39.0



#9
Trichlorofluoromethane
Concen: 119.742 ug/L
RT: 1.719 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV031515.D
Acq: 14 Jun 2023 14:40

Tgt Ion:101 Resp: 404957
Ion Ratio Lower Upper
101 100
103 64.6 50.9 76.3

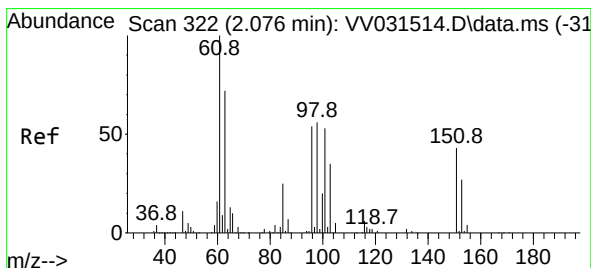
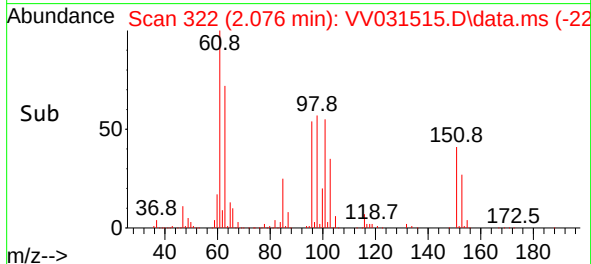
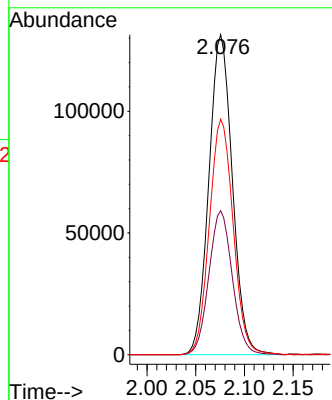
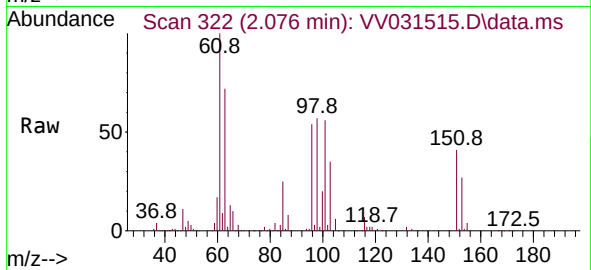




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 123.707 ug/L
 RT: 2.076 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VV031515.D
 Acq: 14 Jun 2023 14:40

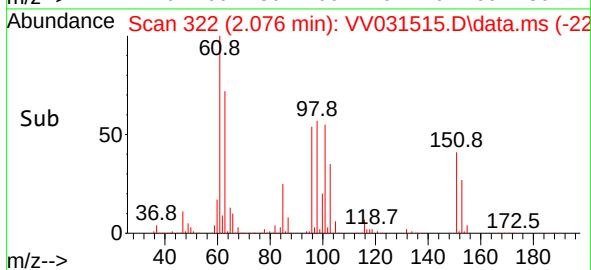
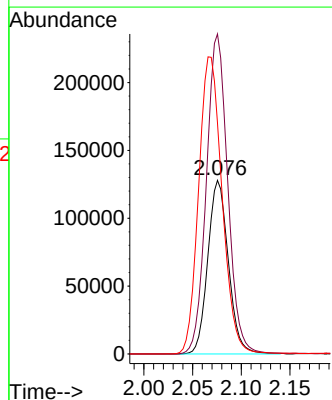
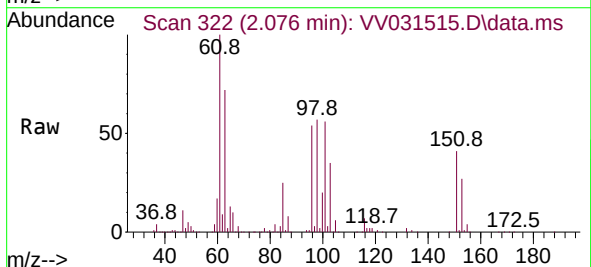
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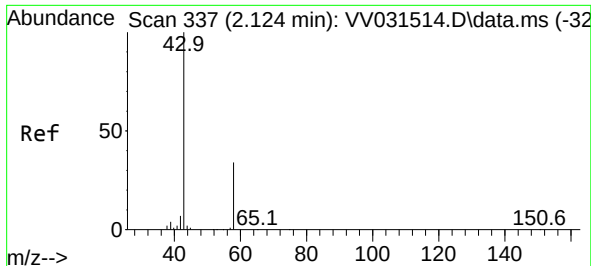
Tgt Ion:101 Resp: 220415
 Ion Ratio Lower Upper
 101 100
 85 44.9 37.4 56.0
 151 74.6 62.3 93.5



#12
 1,1-Dichloroethene
 Concen: 122.485 ug/L
 RT: 2.076 min Scan# 322
 Delta R.T. -0.000 min
 Lab File: VV031515.D
 Acq: 14 Jun 2023 14:40

Tgt Ion: 96 Resp: 187226
 Ion Ratio Lower Upper
 96 100
 61 184.3 128.9 239.5
 63 133.0 95.3 177.1





#13

Acetone

Concen: 159.347 ug/L

RT: 2.124 min Scan# 316

Delta R.T. -0.000 min

Lab File: VV031515.D

Acq: 14 Jun 2023 14:40

Instrument :

MSVOA_V

ClientSampleId :

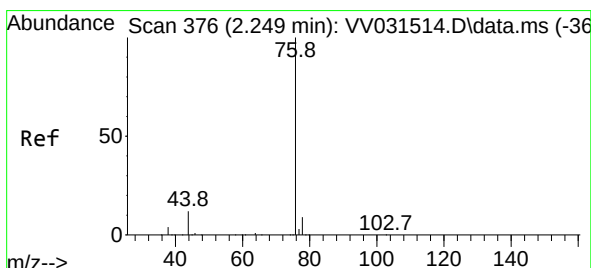
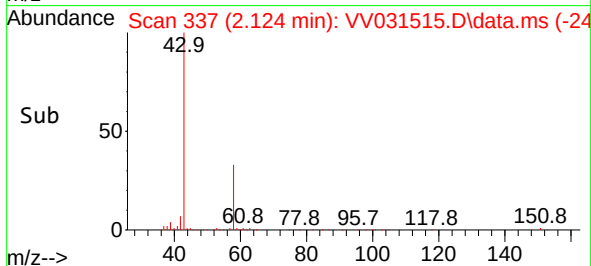
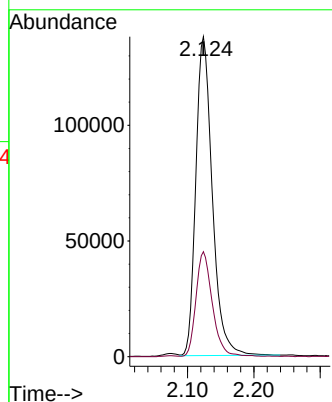
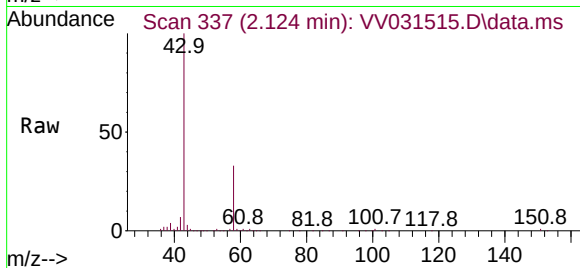
VSTD100236

Tgt Ion: 43 Resp: 237794

Ion Ratio Lower Upper

43 100

58 32.3 0.0 68.6



#14

Carbon disulfide

Concen: 176.665 ug/L

RT: 2.249 min Scan# 376

Delta R.T. -0.000 min

Lab File: VV031515.D

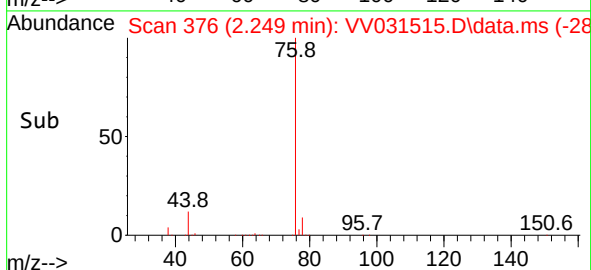
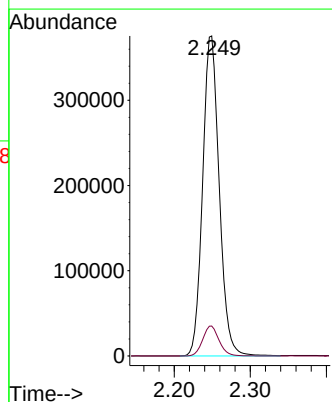
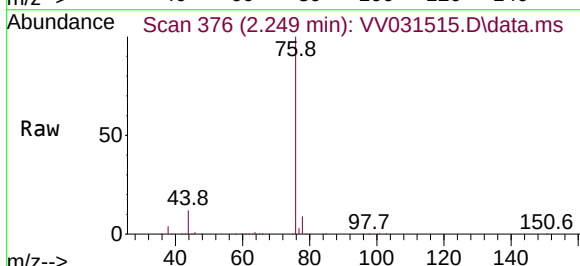
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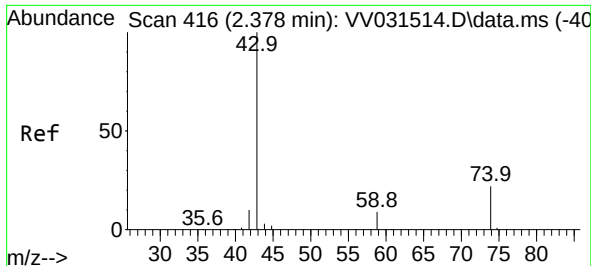
Tgt Ion: 76 Resp: 569267

Ion Ratio Lower Upper

76 100

78 9.5 7.1 10.7

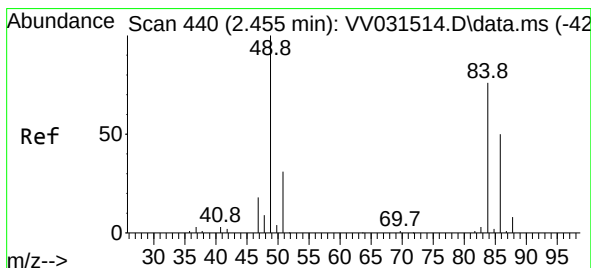
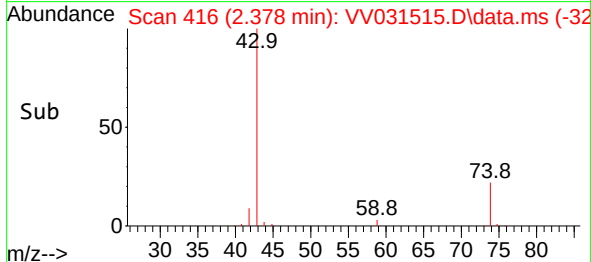
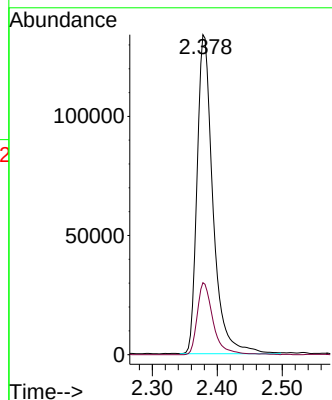
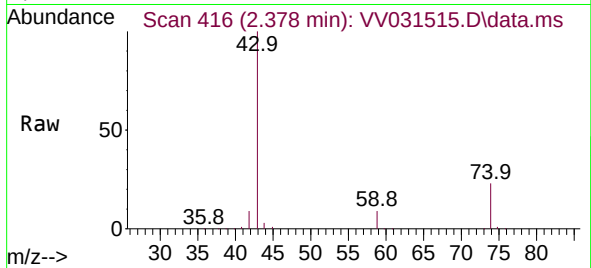




#15
Methyl Acetate
Concen: 124.927 ug/L
RT: 2.378 min Scan# 416
Delta R.T. -0.000 min
Lab File: VV031515.D
Acq: 14 Jun 2023 14:40

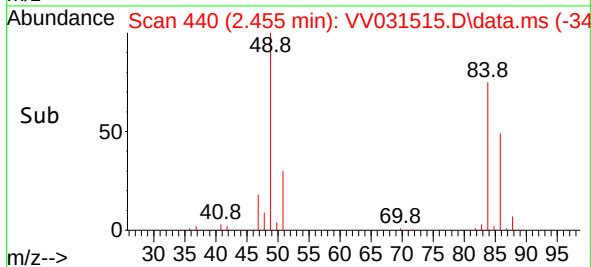
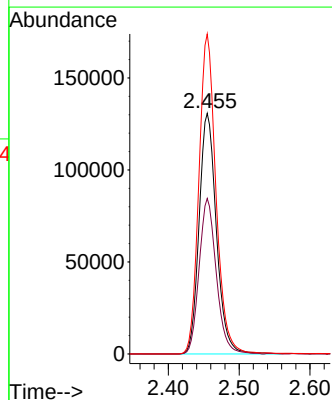
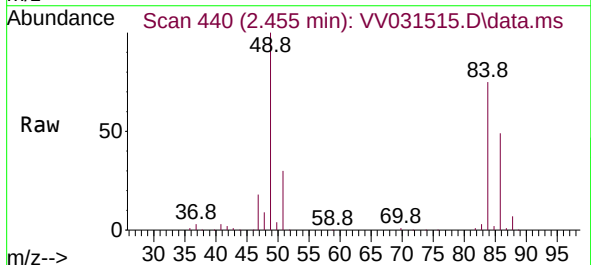
Instrument :
MSVOA_V
ClientSampleId :
VSTD100236

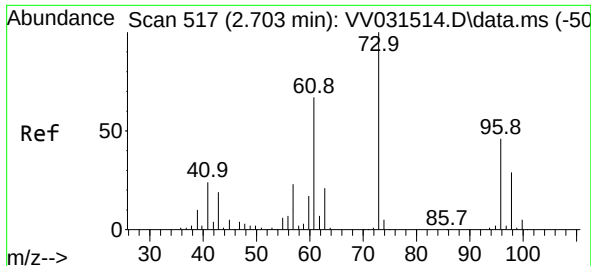
Tgt Ion: 43 Resp: 228409
Ion Ratio Lower Upper
43 100
74 22.3 17.8 26.6



#16
Methylene chloride
Concen: 127.920 ug/L
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV031515.D
Acq: 14 Jun 2023 14:40

Tgt Ion: 84 Resp: 221594
Ion Ratio Lower Upper
84 100
86 64.7 45.8 85.0
49 133.0 92.1 171.1





#17

trans-1,2-Dichloroethene

Concen: 136.365 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.000 min

Lab File: VV031515.D

Acq: 14 Jun 2023 14:40

Instrument :

MSVOA_V

ClientSampleId :

VSTD100236

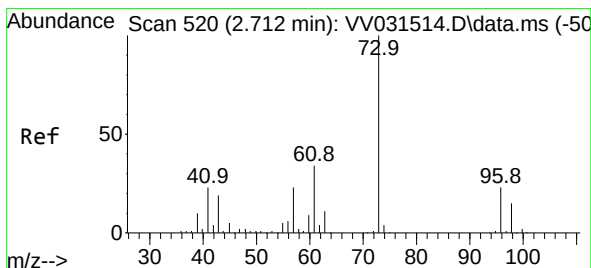
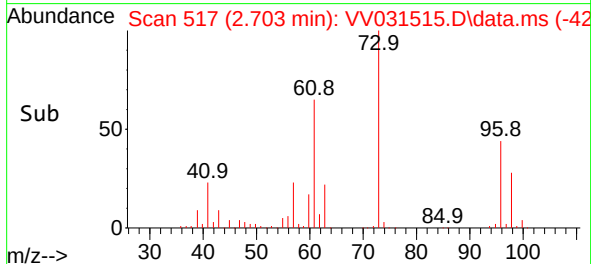
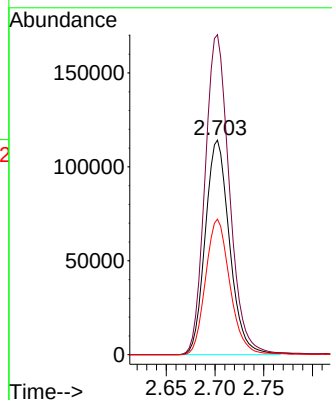
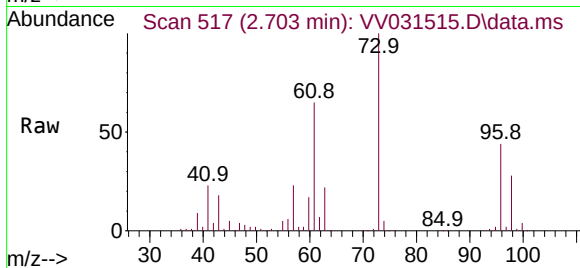
Tgt Ion: 96 Resp: 198343

Ion Ratio Lower Upper

96 100

61 149.2 102.5 190.3

98 63.2 44.1 81.9



#18

Methyl tert-butyl Ether

Concen: 128.418 ug/L

RT: 2.712 min Scan# 520

Delta R.T. -0.000 min

Lab File: VV031515.D

Acq: 14 Jun 2023 14:40

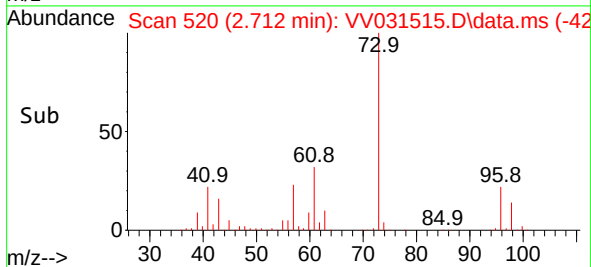
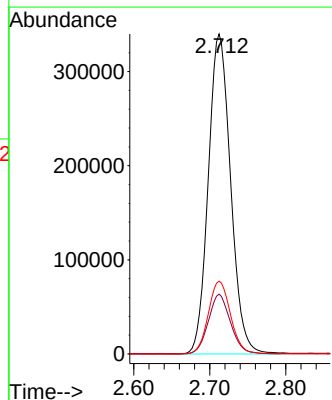
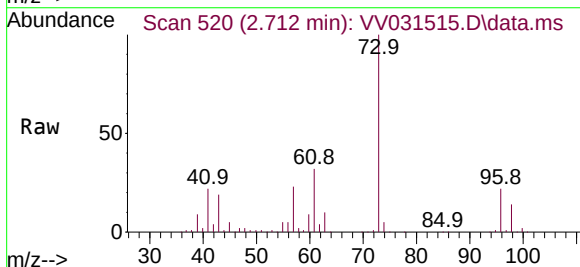
Tgt Ion: 73 Resp: 693637

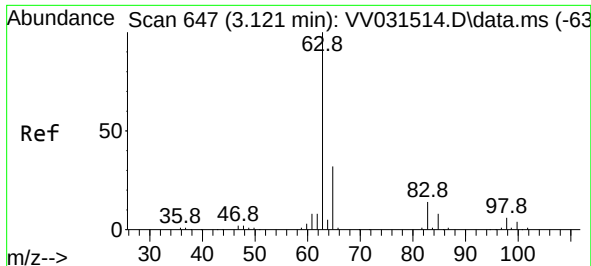
Ion Ratio Lower Upper

73 100

43 18.2 15.0 22.4

57 22.7 18.2 27.4





#19

1,1-Dichloroethane

Concen: 128.709 ug/L

RT: 3.121 min Scan# 647

Delta R.T. -0.000 min

Lab File: VV031515.D

Acq: 14 Jun 2023 14:40

Instrument :

MSVOA_V

ClientSampleId :

VSTD100236

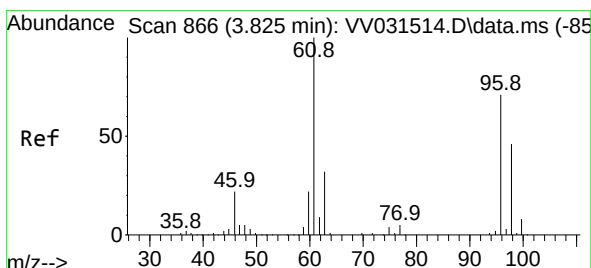
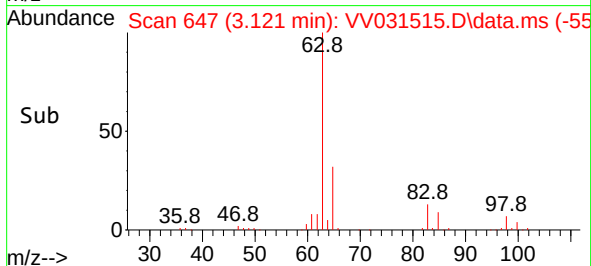
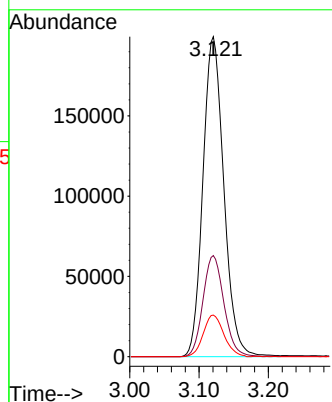
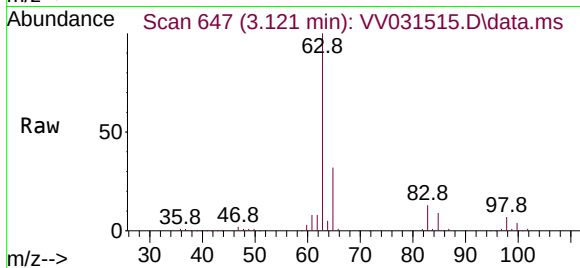
Tgt Ion: 63 Resp: 417833

Ion Ratio Lower Upper

63 100

65 31.6 22.5 41.7

83 13.7 10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 128.754 ug/L

RT: 3.825 min Scan# 866

Delta R.T. -0.000 min

Lab File: VV031515.D

Acq: 14 Jun 2023 14:40

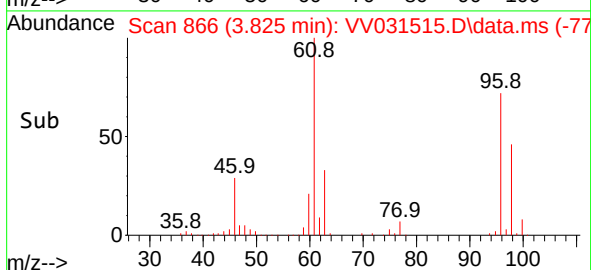
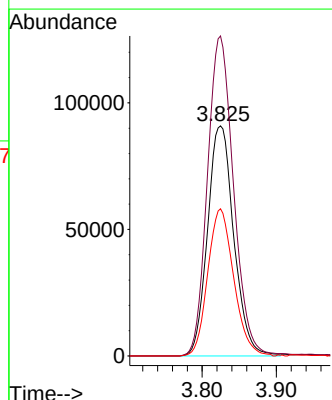
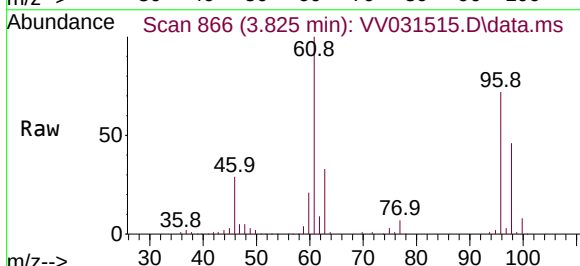
Tgt Ion: 96 Resp: 223291

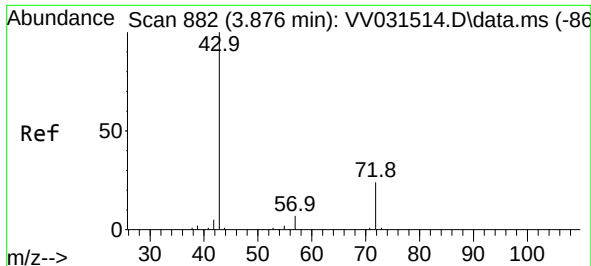
Ion Ratio Lower Upper

96 100

61 139.1 98.6 183.0

98 64.0 45.7 84.9

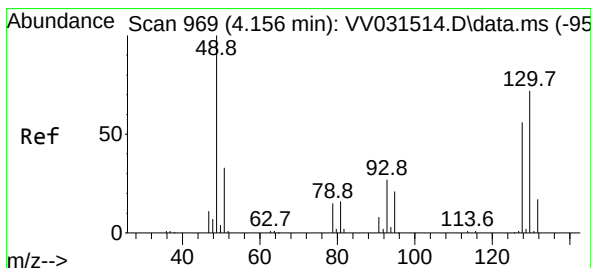
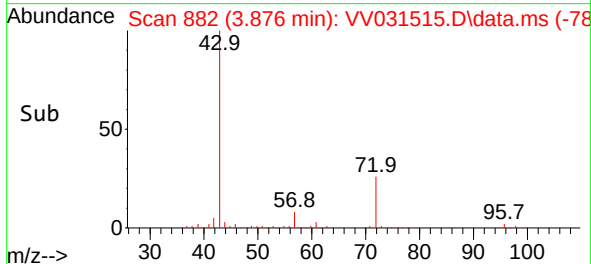
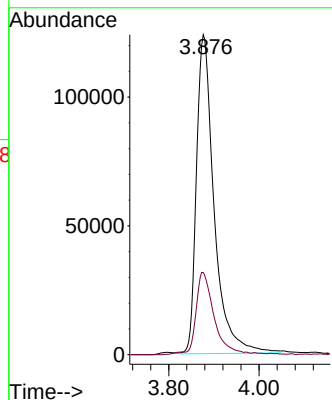
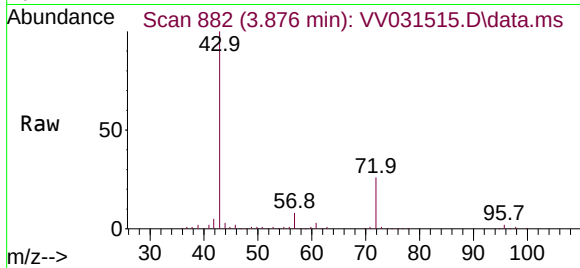




#22
2-Butanone
Concen: 225.661 ug/L
RT: 3.876 min Scan# 882
Delta R.T. -0.000 min
Lab File: VV031515.D
Acq: 14 Jun 2023 14:40

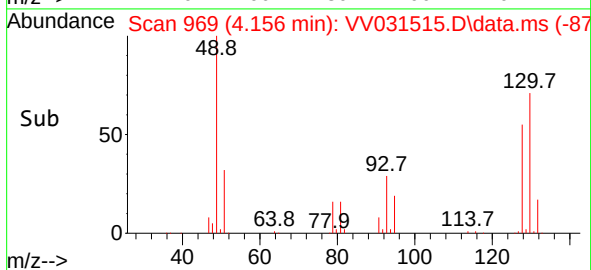
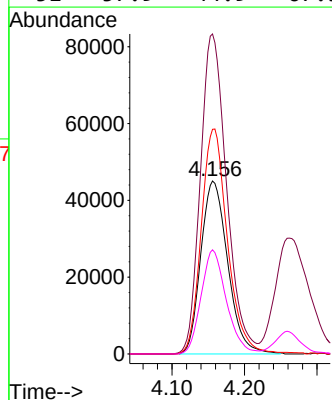
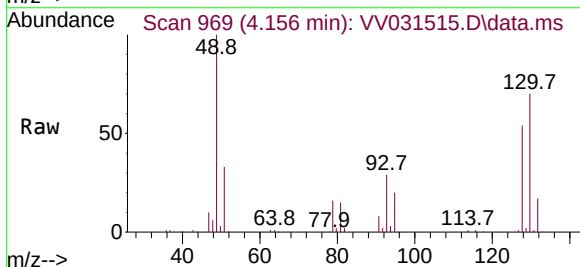
Instrument :
MSVOA_V
ClientSampleId :
VSTD100236

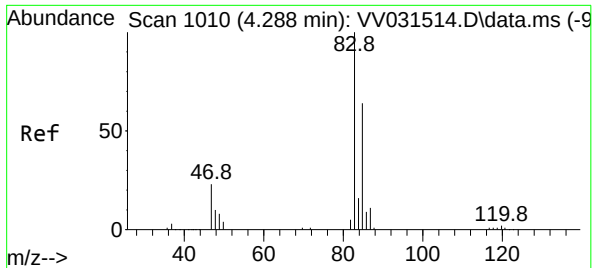
Tgt Ion: 43 Resp: 335982
Ion Ratio Lower Upper
43 100
72 24.3 12.2 36.4



#23
Bromochloromethane
Concen: 122.426 ug/L
RT: 4.156 min Scan# 969
Delta R.T. -0.000 min
Lab File: VV031515.D
Acq: 14 Jun 2023 14:40

Tgt Ion:128 Resp: 115961
Ion Ratio Lower Upper
128 100
49 178.0 120.6 224.0
130 126.9 88.1 163.7
51 57.9 44.9 67.3

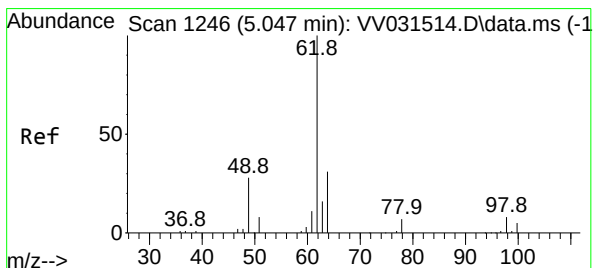
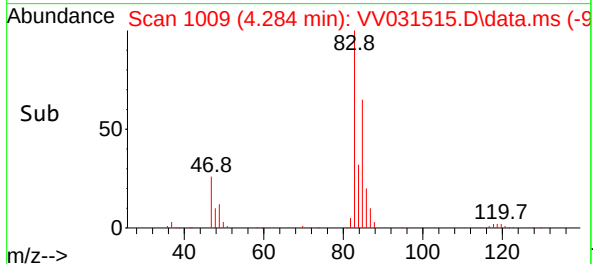
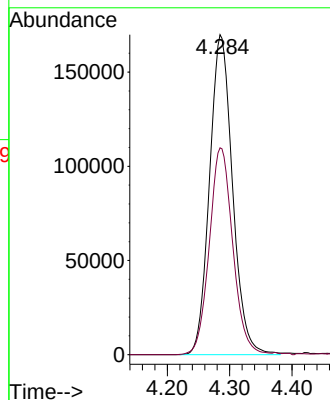
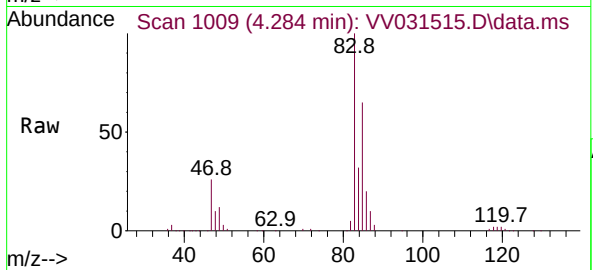




#25
Chloroform
Concen: 121.709 ug/L
RT: 4.284 min Scan# 1010
Delta R.T. -0.003 min
Lab File: VV031515.D
Acq: 14 Jun 2023 14:40

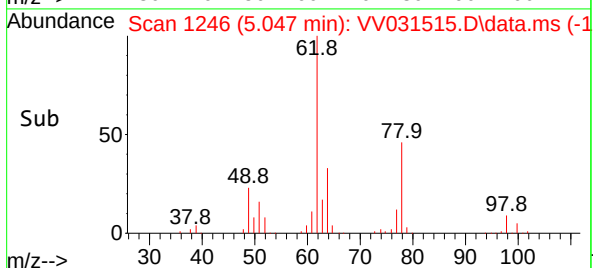
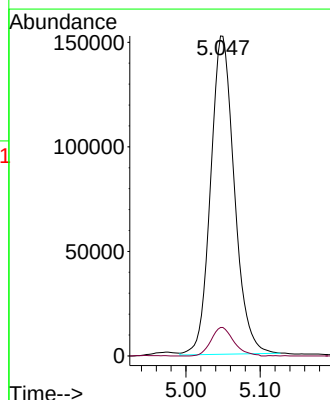
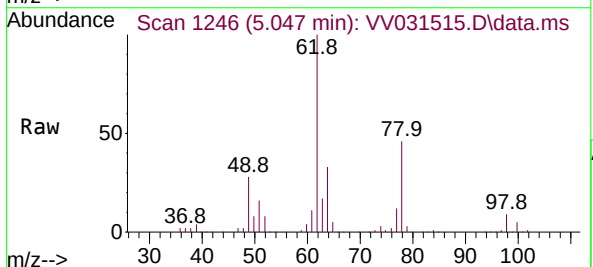
Instrument :
MSVOA_V
ClientSampleId :
VSTD100236

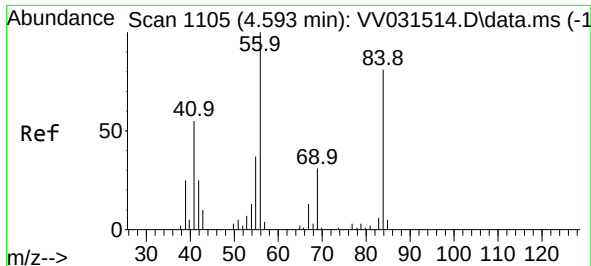
Tgt Ion: 83 Resp: 434709
Ion Ratio Lower Upper
83 100
85 64.7 45.3 84.1



#27
1,2-Dichloroethane
Concen: 114.541 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. -0.000 min
Lab File: VV031515.D
Acq: 14 Jun 2023 14:40

Tgt Ion: 62 Resp: 337858
Ion Ratio Lower Upper
62 100
98 8.9 6.6 9.8





#29

Cyclohexane

Concen: 162.757 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VV031515.D

Acq: 14 Jun 2023 14:40

Instrument :

MSVOA_V

ClientSampleId :

VSTD100236

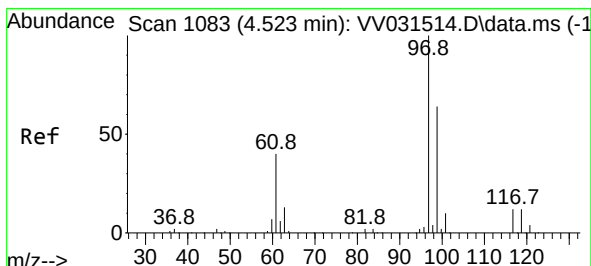
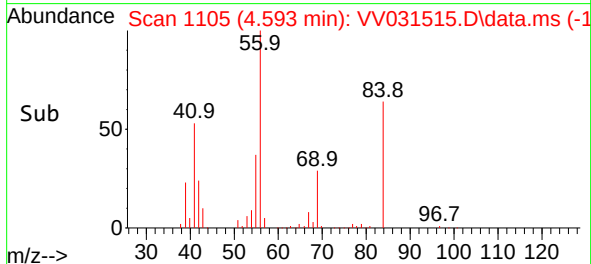
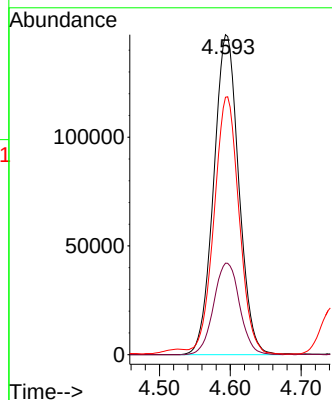
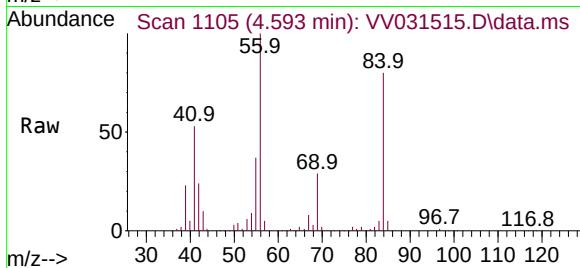
Tgt Ion: 56 Resp: 362659

Ion Ratio Lower Upper

56 100

69 29.5 24.3 36.5

84 80.2 65.0 97.6



#30

1,1,1-Trichloroethane

Concen: 121.871 ug/L

RT: 4.522 min Scan# 1083

Delta R.T. -0.000 min

Lab File: VV031515.D

Acq: 14 Jun 2023 14:40

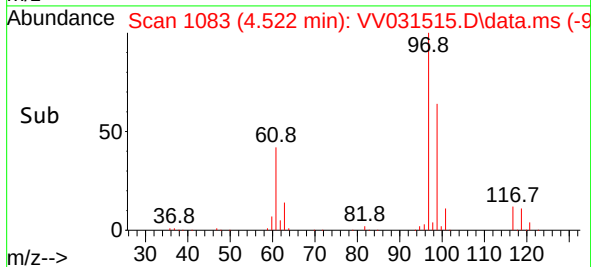
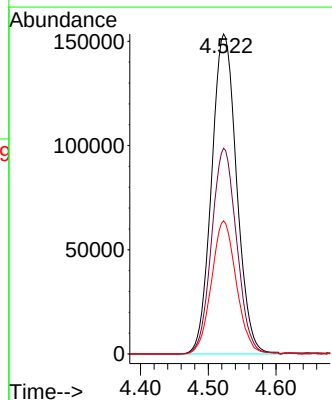
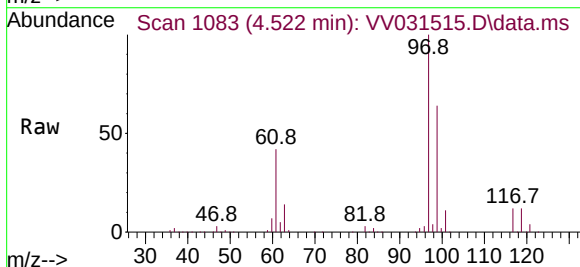
Tgt Ion: 97 Resp: 394358

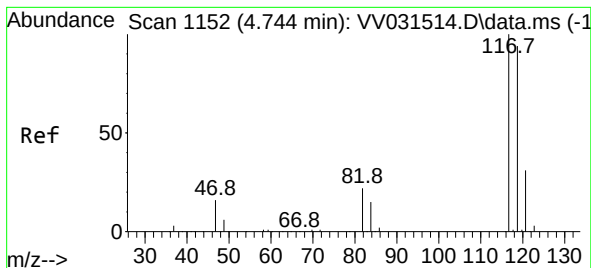
Ion Ratio Lower Upper

97 100

99 64.4 51.8 77.6

61 41.4 33.0 49.6





#31

Carbon tetrachloride

Concen: 124.599 ug/L

RT: 4.744 min Scan# 1152

Delta R.T. -0.000 min

Lab File: VV031515.D

Acq: 14 Jun 2023 14:40

Instrument :

MSVOA_V

ClientSampleId :

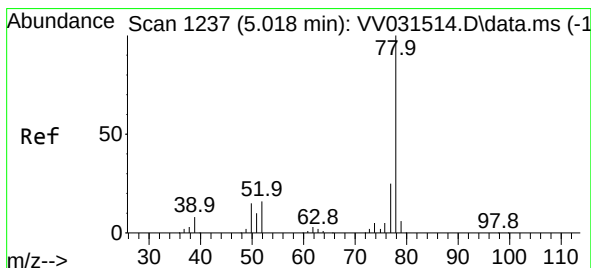
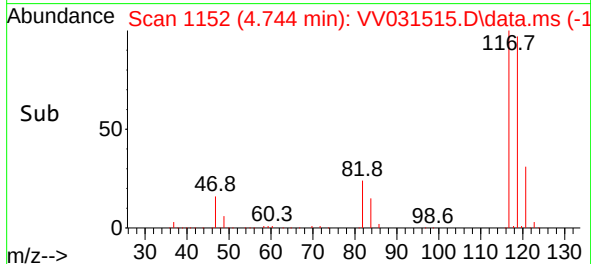
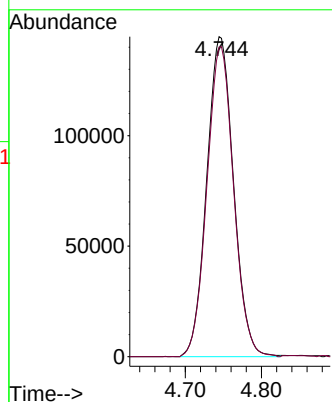
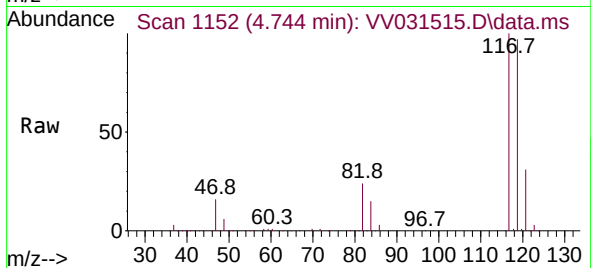
VSTD100236

Tgt Ion:117 Resp: 354222

Ion Ratio Lower Upper

117 100

119 96.5 76.2 114.4



#33

Benzene

Concen: 133.658 ug/L

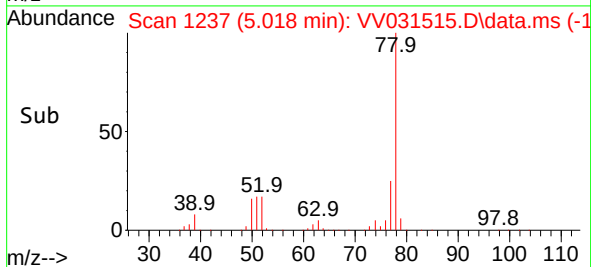
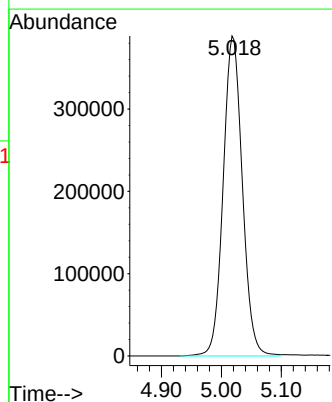
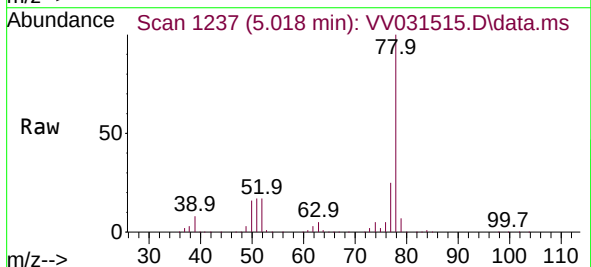
RT: 5.018 min Scan# 1237

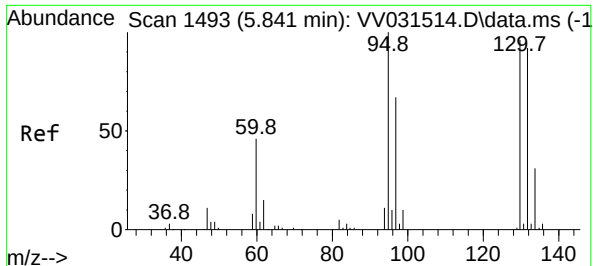
Delta R.T. -0.000 min

Lab File: VV031515.D

Acq: 14 Jun 2023 14:40

Tgt Ion: 78 Resp: 860464





#34

Trichloroethene

Concen: 131.679 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VV031515.D

Acq: 14 Jun 2023 14:40

Instrument :

MSVOA_V

ClientSampleId :

VSTD100236

Tgt Ion: 95 Resp: 227238

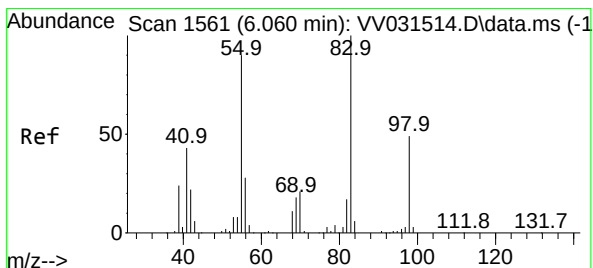
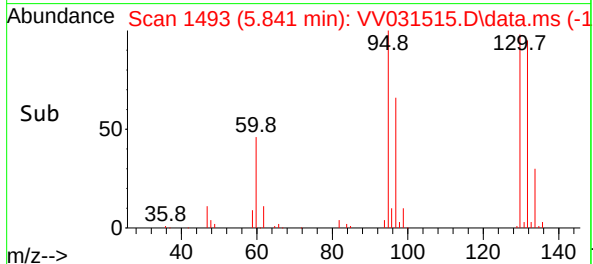
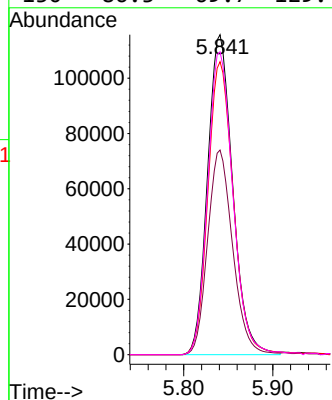
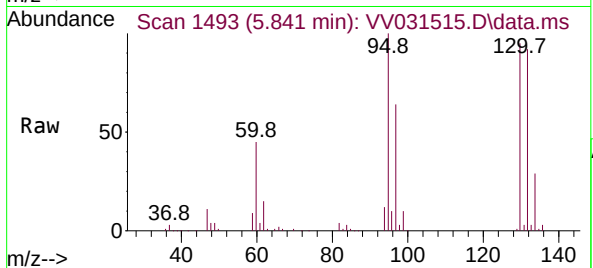
Ion Ratio Lower Upper

95 100

97 58.3 46.8 86.8

132 85.9 66.4 123.2

130 86.3 69.7 129.4



#35

Methylcyclohexane

Concen: 152.372 ug/L

RT: 6.059 min Scan# 1561

Delta R.T. -0.000 min

Lab File: VV031515.D

Acq: 14 Jun 2023 14:40

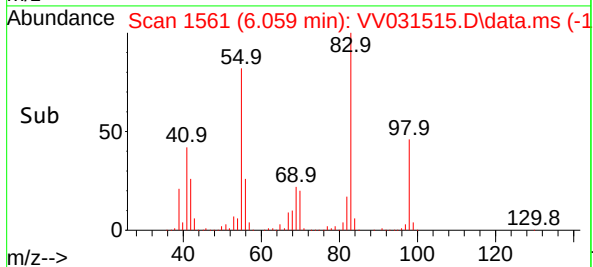
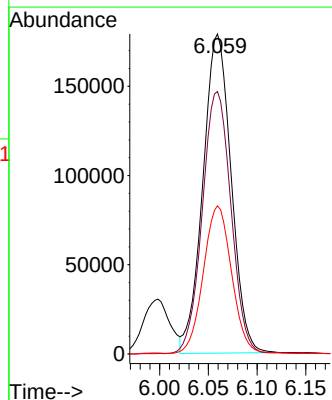
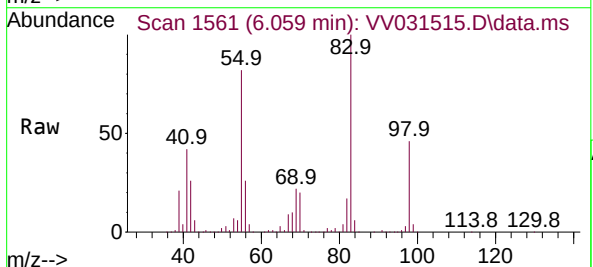
Tgt Ion: 83 Resp: 360223

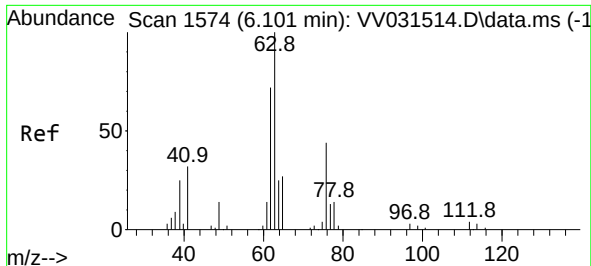
Ion Ratio Lower Upper

83 100

55 83.5 68.7 103.1

98 46.6 37.0 55.4





#37

1,2-Dichloropropane

Concen: 137.509 ug/L

RT: 6.101 min Scan# 1574

Delta R.T. -0.000 min

Lab File: VV031515.D

Acq: 14 Jun 2023 14:40

Instrument :

MSVOA_V

ClientSampleId :

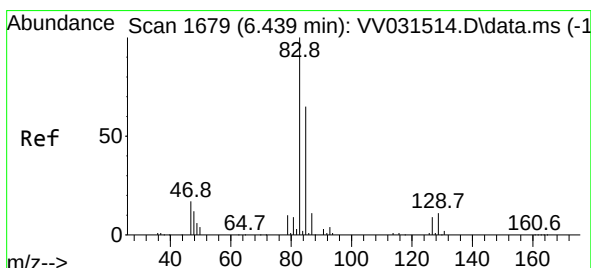
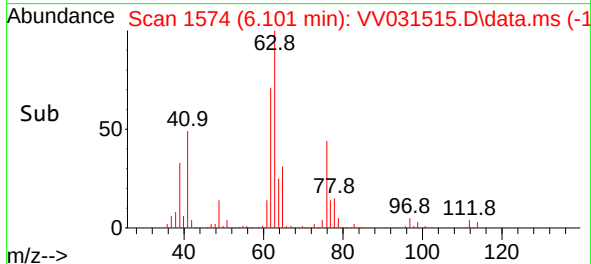
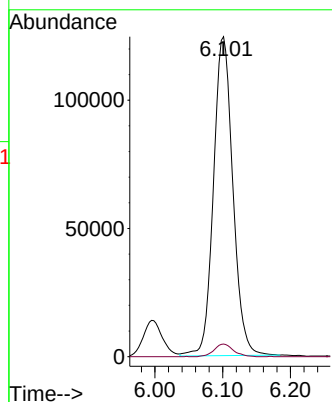
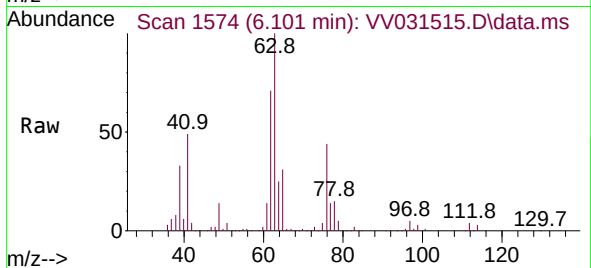
VSTD100236

Tgt Ion: 63 Resp: 247642

Ion Ratio Lower Upper

63 100

112 3.9 3.3 4.9



#38

Bromodichloromethane

Concen: 123.287 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VV031515.D

Acq: 14 Jun 2023 14:40

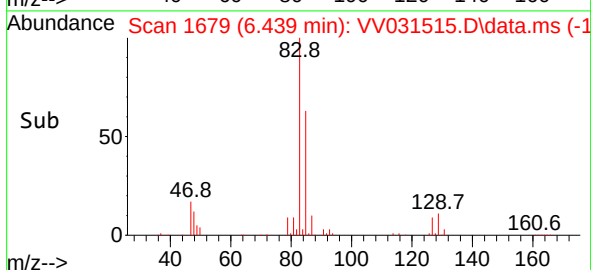
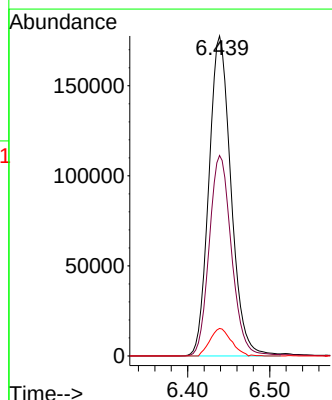
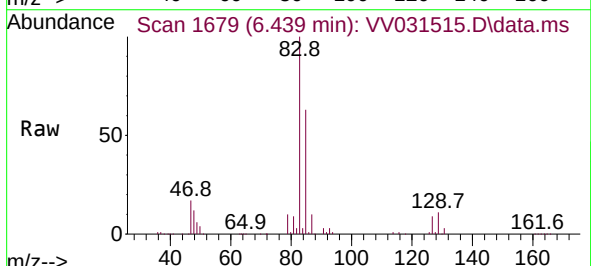
Tgt Ion: 83 Resp: 332727

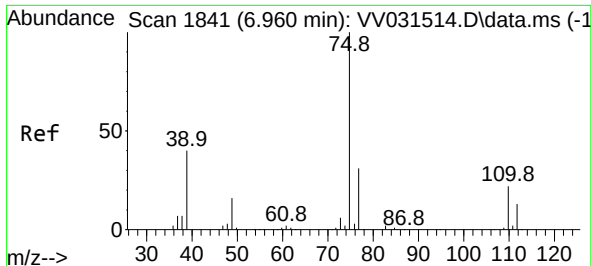
Ion Ratio Lower Upper

83 100

85 62.6 45.3 84.1

127 9.6 7.6 11.4





#39

cis-1,3-Dichloropropene

Concen: 144.210 ug/L

RT: 6.960 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VV031515.D

Acq: 14 Jun 2023 14:40

Instrument :

MSVOA_V

ClientSampleId :

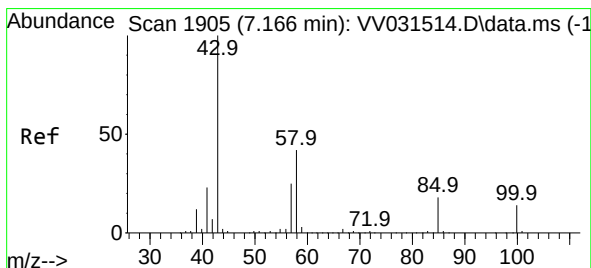
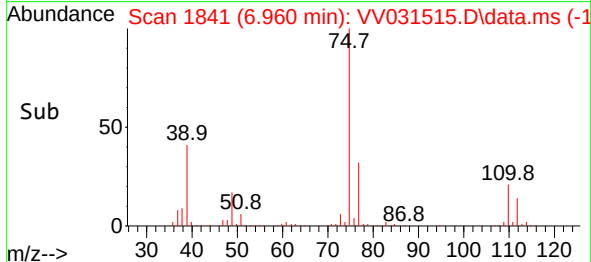
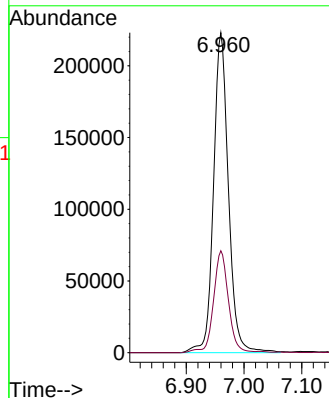
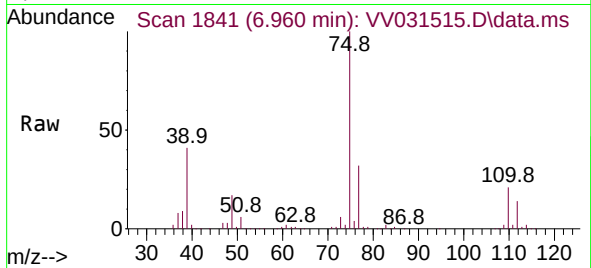
VSTD100236

Tgt Ion: 75 Resp: 399750

Ion Ratio Lower Upper

75 100

77 31.9 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 239.963 ug/L

RT: 7.165 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VV031515.D

Acq: 14 Jun 2023 14:40

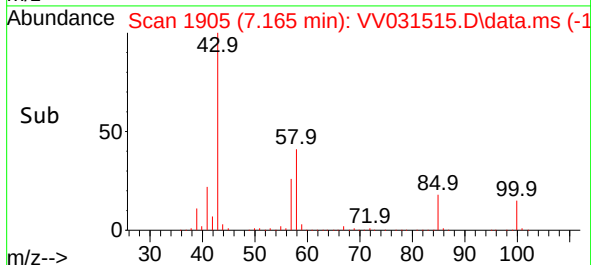
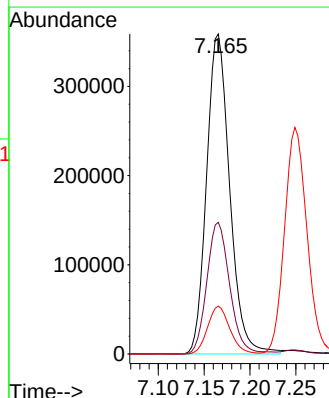
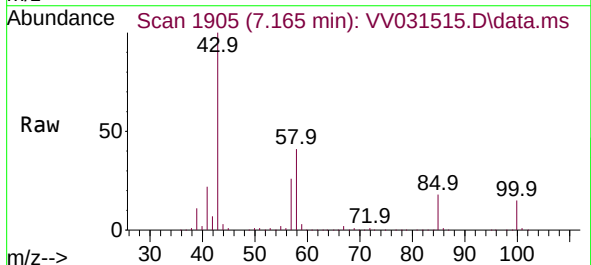
Tgt Ion: 43 Resp: 629391

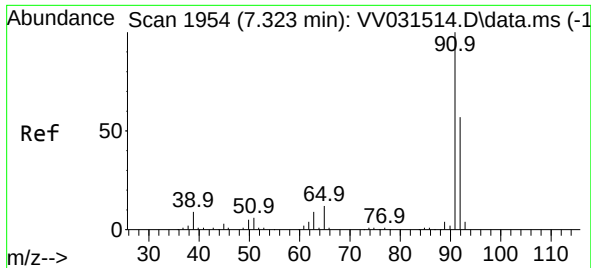
Ion Ratio Lower Upper

43 100

58 40.7 31.8 47.8

100 14.4 11.1 16.7

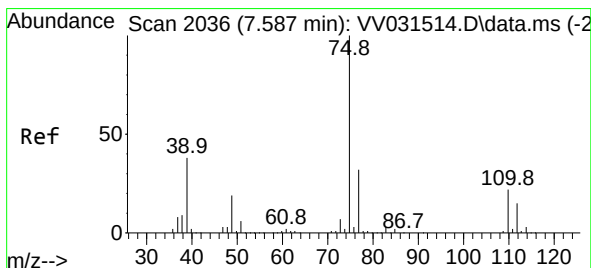
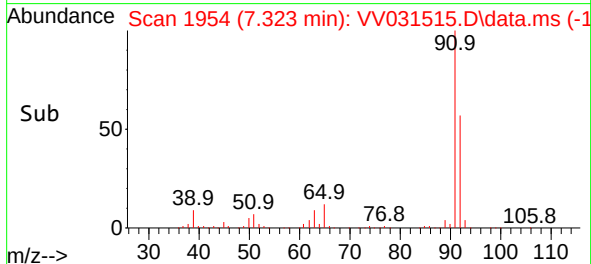
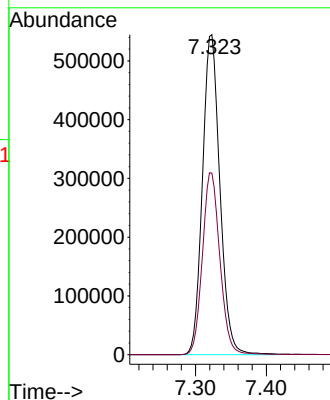
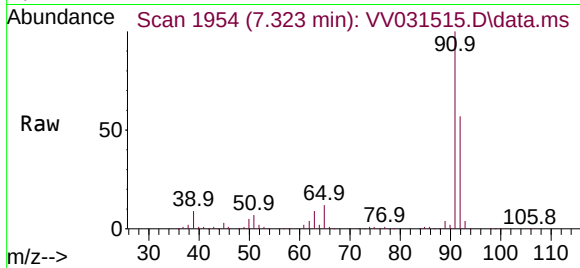




#42
Toluene
Concen: 134.162 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VV031515.D
Acq: 14 Jun 2023 14:40

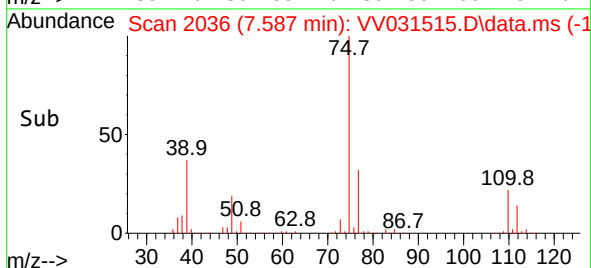
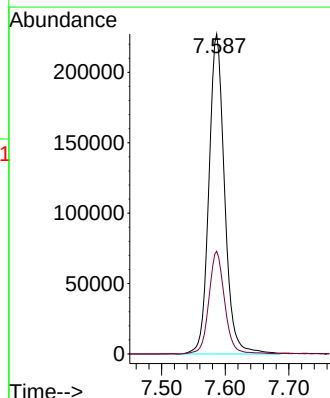
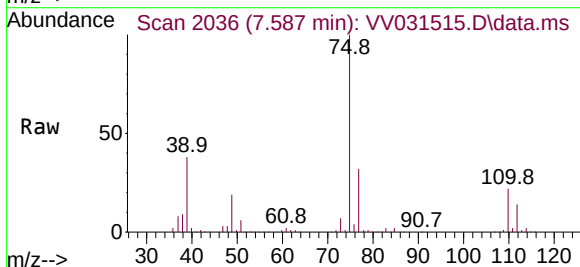
Instrument :
MSVOA_V
ClientSampleId :
VSTD100236

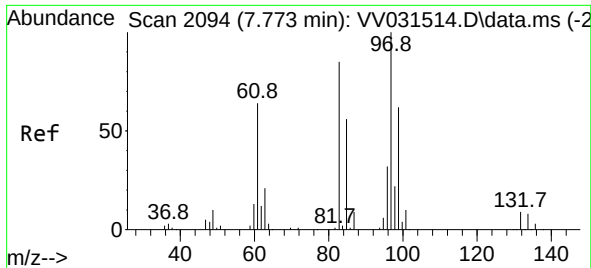
Tgt Ion: 91 Resp: 930659
Ion Ratio Lower Upper
91 100
92 56.8 39.6 73.6



#44
trans-1,3-Dichloropropene
Concen: 140.634 ug/L
RT: 7.587 min Scan# 2036
Delta R.T. -0.000 min
Lab File: VV031515.D
Acq: 14 Jun 2023 14:40

Tgt Ion: 75 Resp: 388992
Ion Ratio Lower Upper
75 100
77 32.1 22.1 41.1



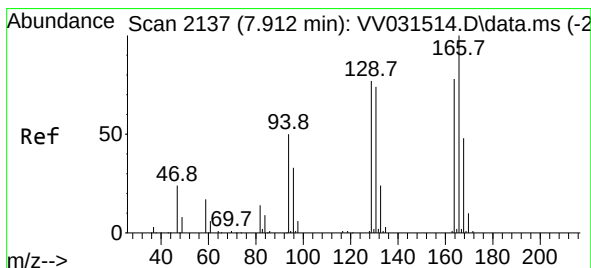
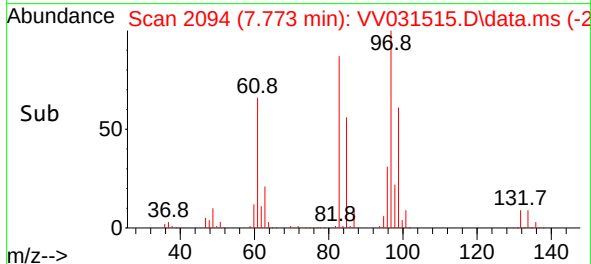
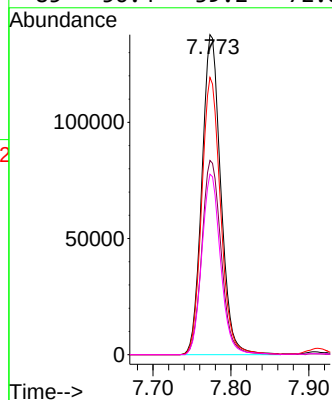
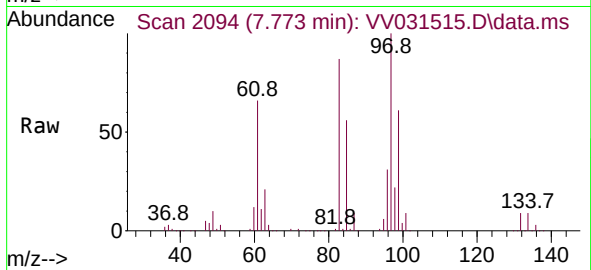


#45
1,1,2-Trichloroethane
Concen: 122.220 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. -0.000 min
Lab File: VV031515.D
Acq: 14 Jun 2023 14:40

Instrument :
MSVOA_V
ClientSampleId :
VSTD100236

Tgt Ion: 97 Resp: 231845

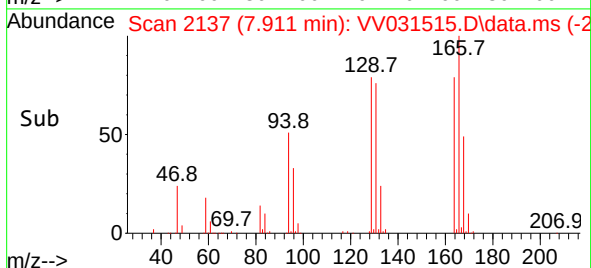
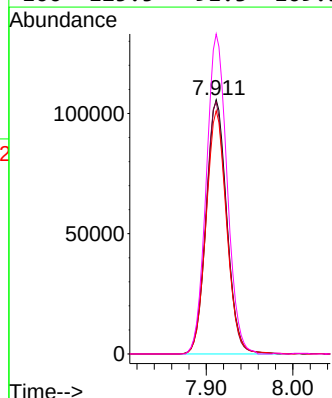
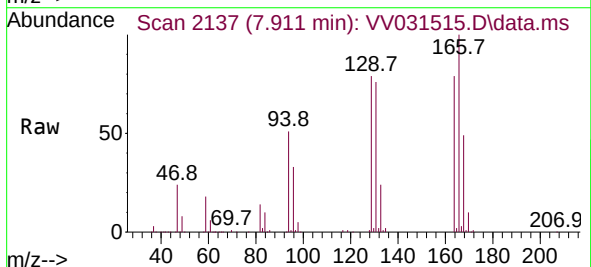
Ion	Ratio	Lower	Upper
97	100		
99	60.7	43.7	81.1
83	86.6	60.9	113.1
85	56.4	39.2	72.8

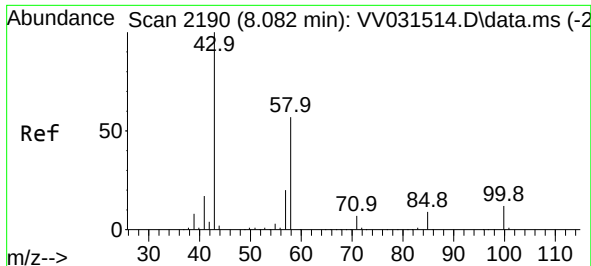


#46
Tetrachloroethene
Concen: 120.265 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VV031515.D
Acq: 14 Jun 2023 14:40

Tgt Ion: 164 Resp: 174792

Ion	Ratio	Lower	Upper
164	100		
129	99.0	68.4	127.0
131	93.0	67.6	125.6
166	125.5	91.3	169.5

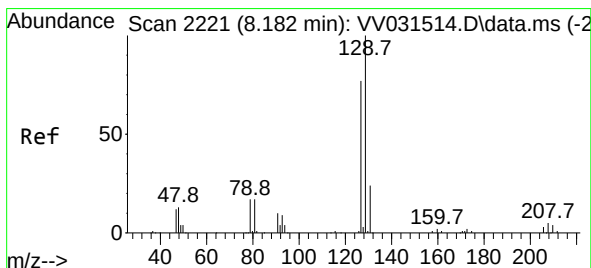
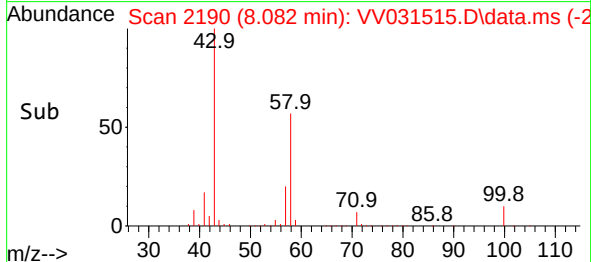
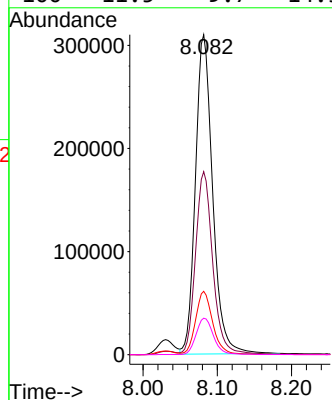
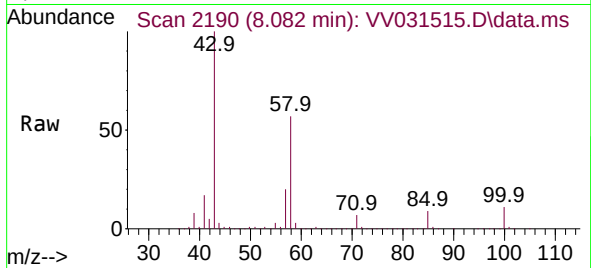




#48
2-Hexanone
Concen: 232.579 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. -0.000 min
Lab File: VV031515.D
Acq: 14 Jun 2023 14:40

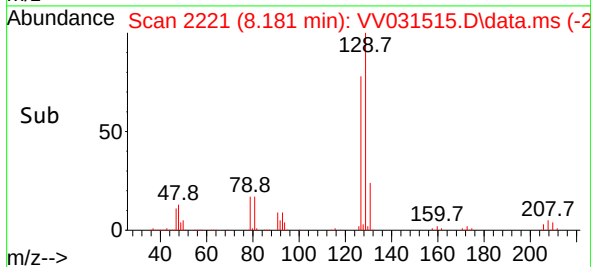
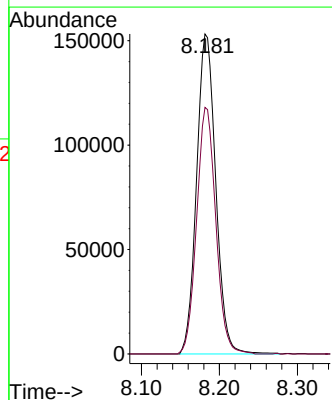
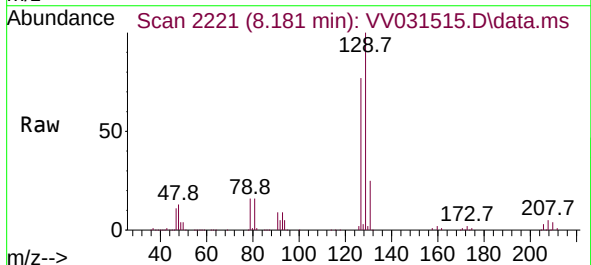
Instrument :
MSVOA_V
ClientSampleId :
VSTD100236

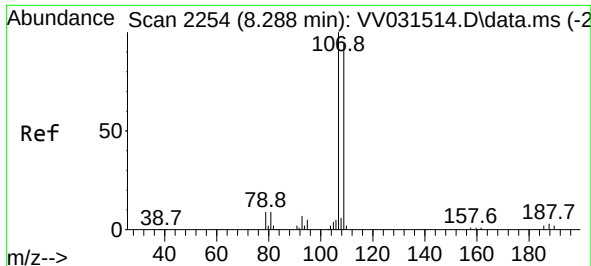
Tgt Ion: 43 Resp: 500108
Ion Ratio Lower Upper
43 100
58 57.2 46.7 70.1
57 19.8 15.5 23.3
100 11.5 9.7 14.5



#49
Dibromochloromethane
Concen: 122.554 ug/L
RT: 8.181 min Scan# 2221
Delta R.T. -0.000 min
Lab File: VV031515.D
Acq: 14 Jun 2023 14:40

Tgt Ion: 129 Resp: 261738
Ion Ratio Lower Upper
129 100
127 78.5 55.8 103.6

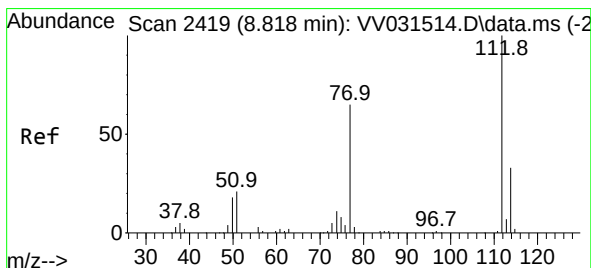
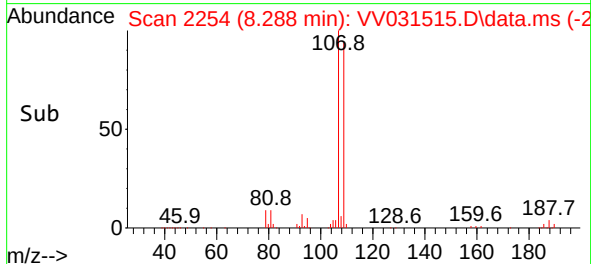
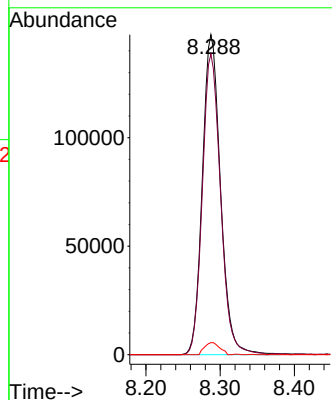
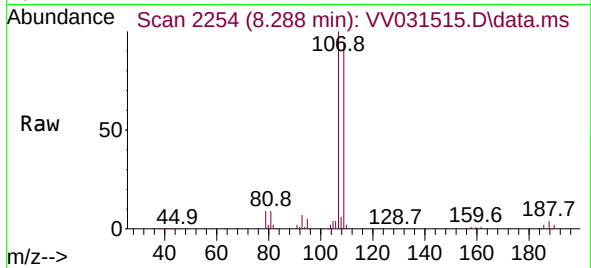




#50
1,2-Dibromoethane
Concen: 129.924 ug/L
RT: 8.288 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV031515.D
Acq: 14 Jun 2023 14:40

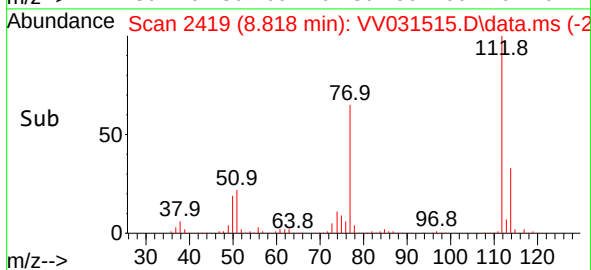
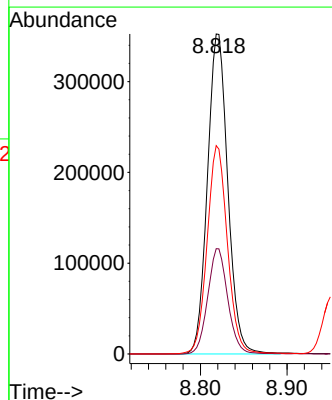
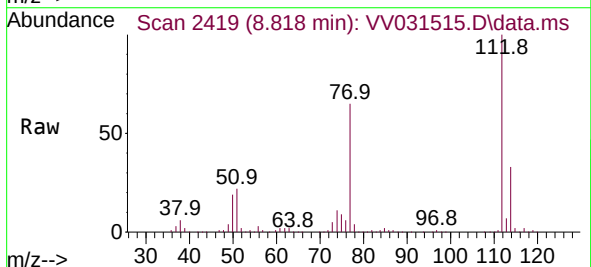
Instrument :
MSVOA_V
ClientSampleId :
VSTD100236

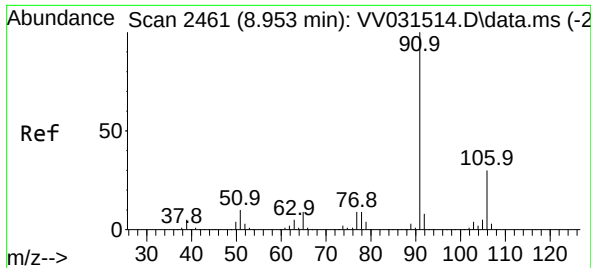
Tgt Ion:107 Resp: 250499
Ion Ratio Lower Upper
107 100
109 93.9 65.7 122.1
188 3.9 2.6 4.0



#51
Chlorobenzene
Concen: 119.376 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. -0.000 min
Lab File: VV031515.D
Acq: 14 Jun 2023 14:40

Tgt Ion:112 Resp: 576173
Ion Ratio Lower Upper
112 100
114 32.9 22.9 42.5
77 65.1 52.5 78.7

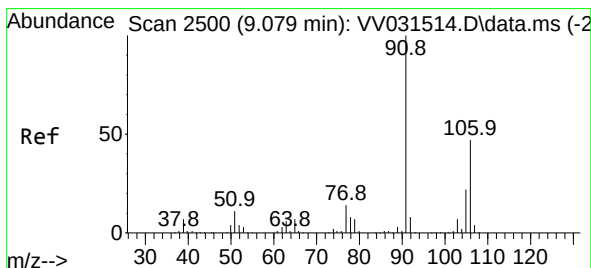
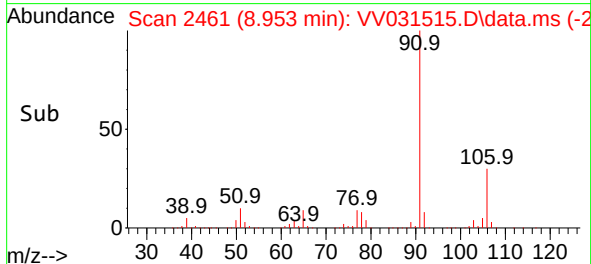
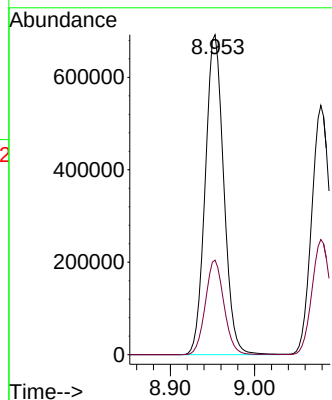
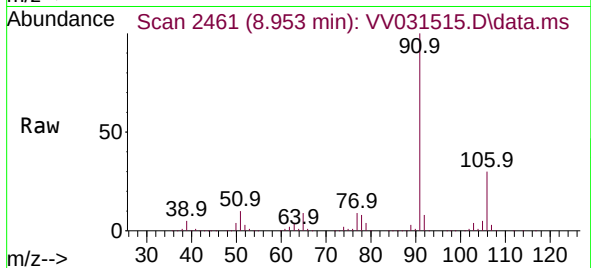




#52
Ethylbenzene
Concen: 133.999 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. -0.000 min
Lab File: VV031515.D
Acq: 14 Jun 2023 14:40

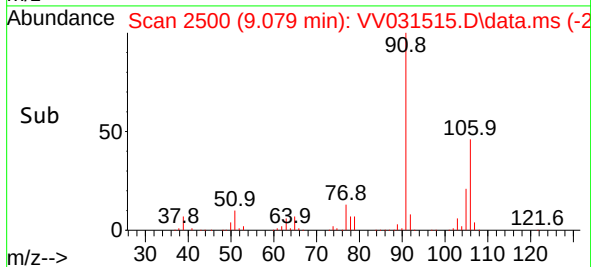
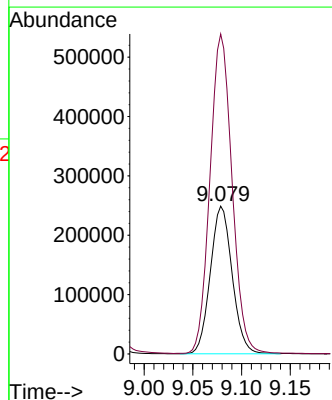
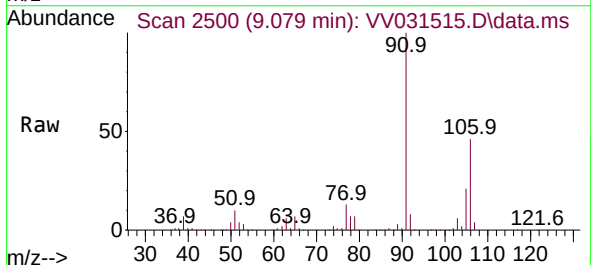
Instrument :
MSVOA_V
ClientSampleId :
VSTD100236

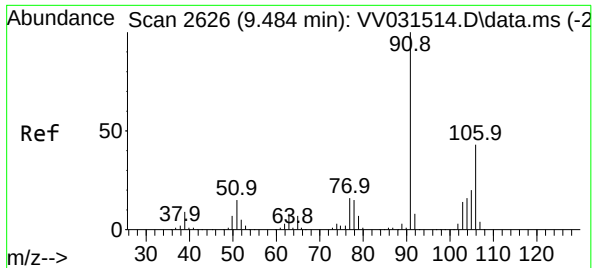
Tgt Ion: 91 Resp: 1058259
Ion Ratio Lower Upper
91 100
106 29.6 20.8 38.6



#53
m,p-Xylene
Concen: 128.064 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. -0.000 min
Lab File: VV031515.D
Acq: 14 Jun 2023 14:40

Tgt Ion:106 Resp: 387925
Ion Ratio Lower Upper
106 100
91 216.4 149.0 276.6

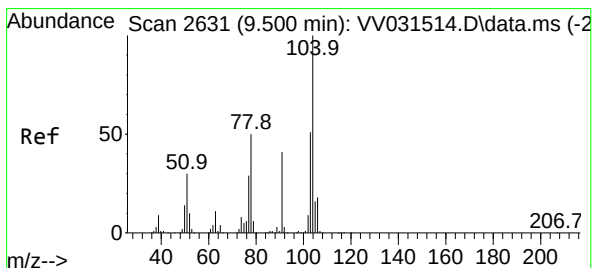
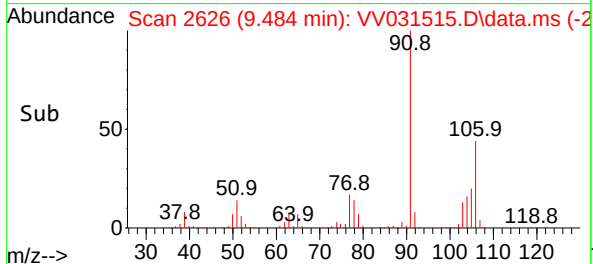
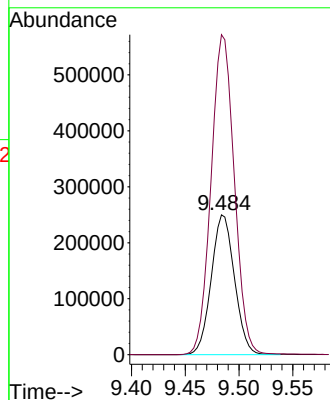
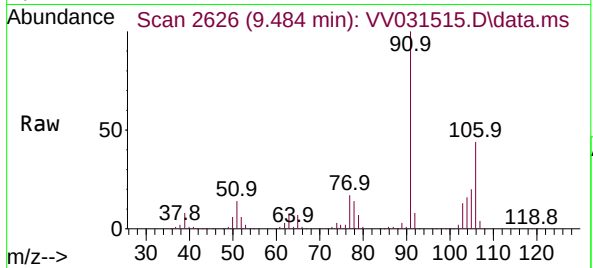




#54
o-Xylene
Concen: 126.747 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. -0.000 min
Lab File: VV031515.D
Acq: 14 Jun 2023 14:40

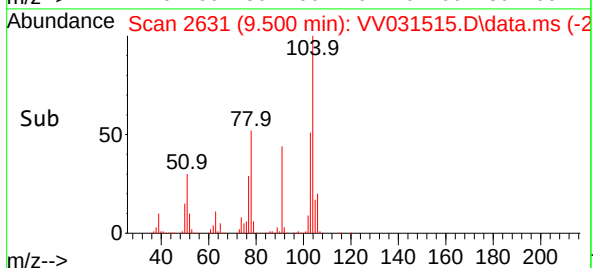
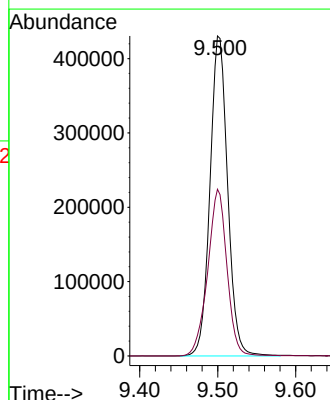
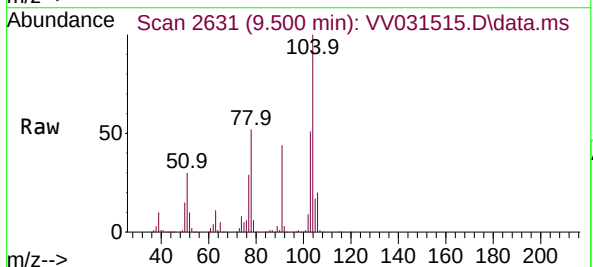
Instrument :
MSVOA_V
ClientSampleId :
VSTD100236

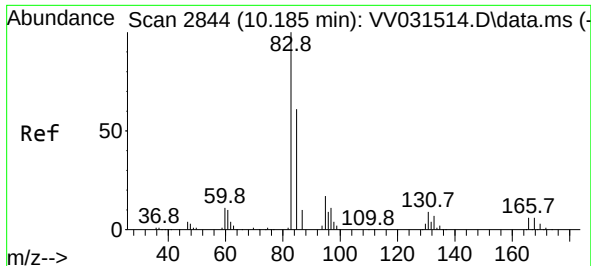
Tgt Ion:106 Resp: 375458
Ion Ratio Lower Upper
106 100
91 228.8 161.3 299.7



#55
Styrene
Concen: 128.653 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. -0.000 min
Lab File: VV031515.D
Acq: 14 Jun 2023 14:40

Tgt Ion:104 Resp: 676992
Ion Ratio Lower Upper
104 100
78 52.1 35.1 65.3





#57

1,1,2,2-Tetrachloroethane

Concen: 121.114 ug/L

RT: 10.185 min Scan# 2844

Delta R.T. -0.000 min

Lab File: VV031515.D

Acq: 14 Jun 2023 14:40

Instrument :

MSVOA_V

ClientSampleId :

VSTD100236

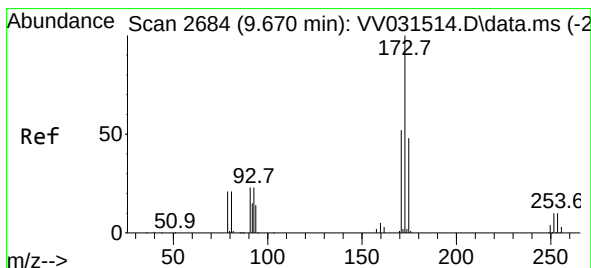
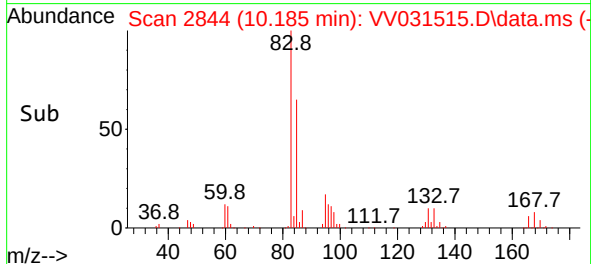
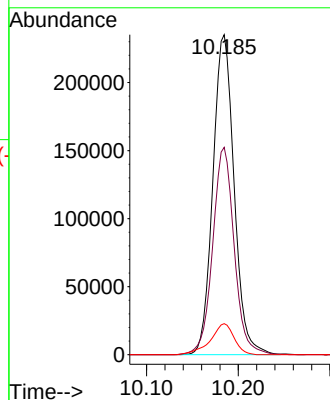
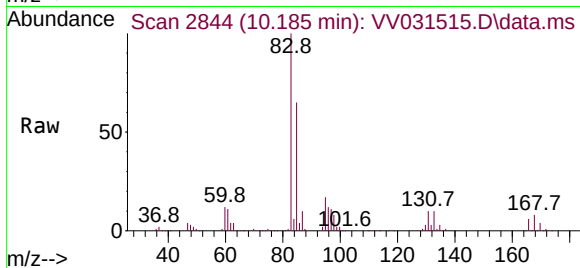
Tgt Ion: 83 Resp: 378537

Ion Ratio Lower Upper

83 100

85 64.8 43.1 80.1

131 13.1 10.6 16.0



#59

Bromoform

Concen: 107.100 ug/L

RT: 9.670 min Scan# 2684

Delta R.T. -0.000 min

Lab File: VV031515.D

Acq: 14 Jun 2023 14:40

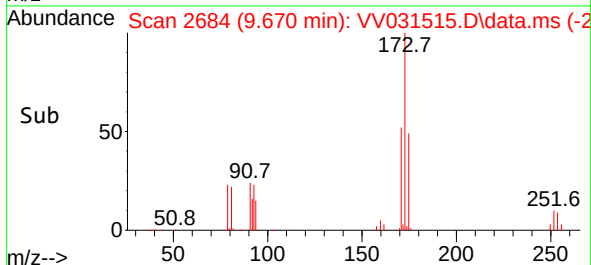
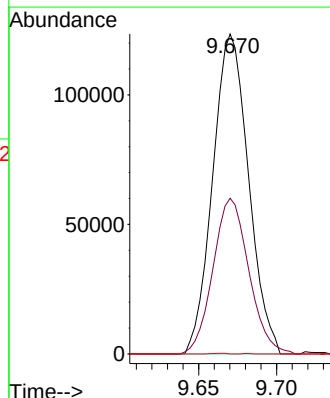
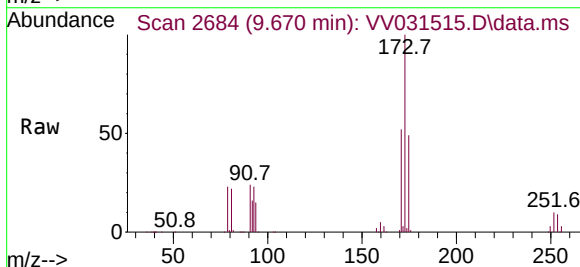
Tgt Ion: 173 Resp: 196953

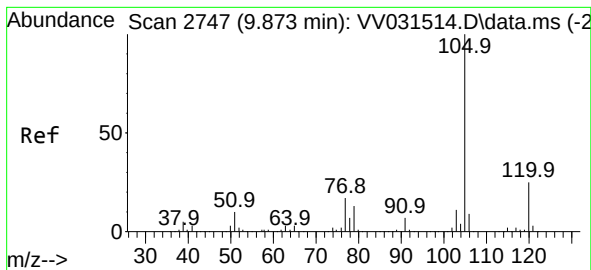
Ion Ratio Lower Upper

173 100

175 48.7 37.7 56.5

254 0.1 0.1 0.1#





#60

Isopropylbenzene

Concen: 123.515 ug/L

RT: 9.873 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV031515.D

Acq: 14 Jun 2023 14:40

Instrument :

MSVOA_V

ClientSampleId :

VSTD100236

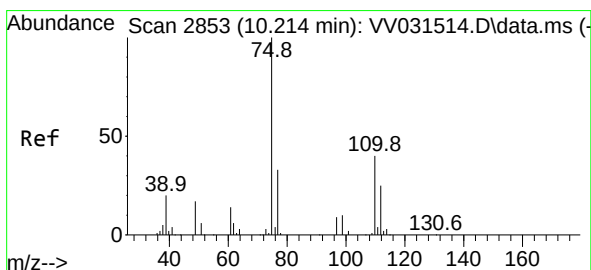
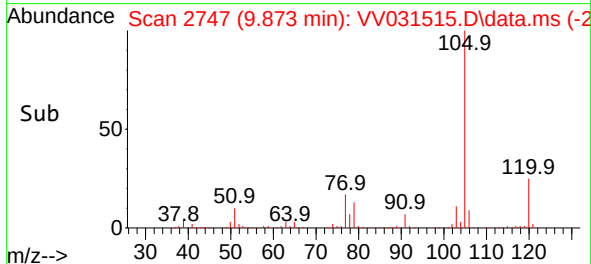
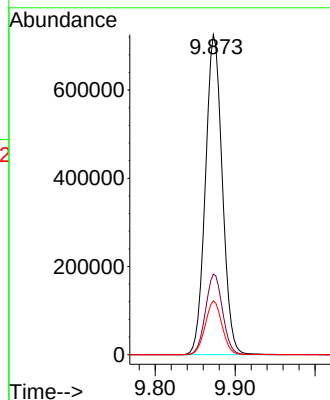
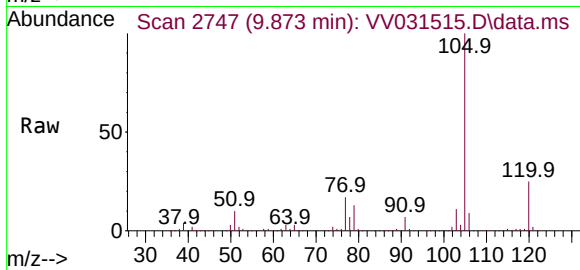
Tgt Ion:105 Resp: 1068593

Ion Ratio Lower Upper

105 100

120 25.4 20.2 30.2

77 16.8 13.5 20.3



#61

1,2,3-Trichloropropane

Concen: 118.770 ug/L

RT: 10.214 min Scan# 2853

Delta R.T. -0.000 min

Lab File: VV031515.D

Acq: 14 Jun 2023 14:40

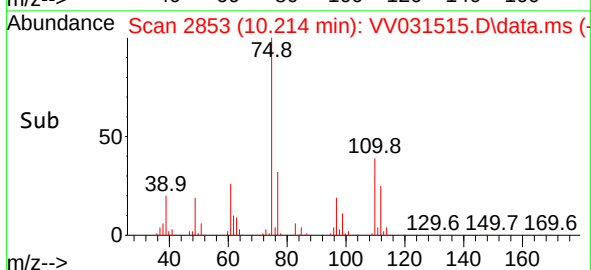
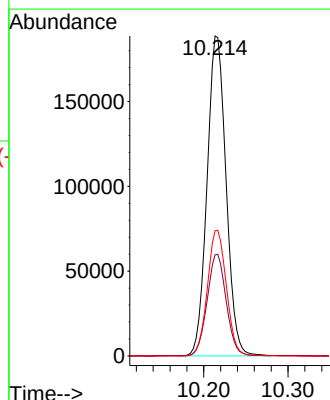
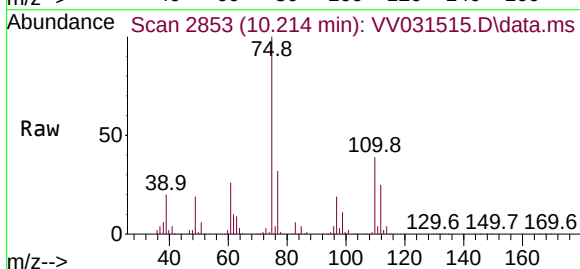
Tgt Ion: 75 Resp: 296239

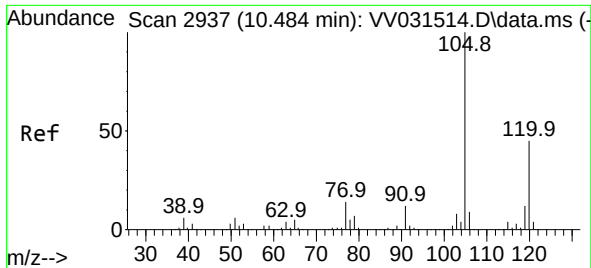
Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0

110 39.2 31.3 46.9





#62

1,3,5-Trimethylbenzene

Concen: 126.952 ug/L

RT: 10.484 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VV031515.D

Acq: 14 Jun 2023 14:40

Instrument :

MSVOA_V

ClientSampleId :

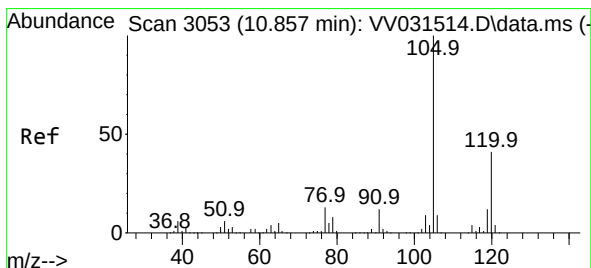
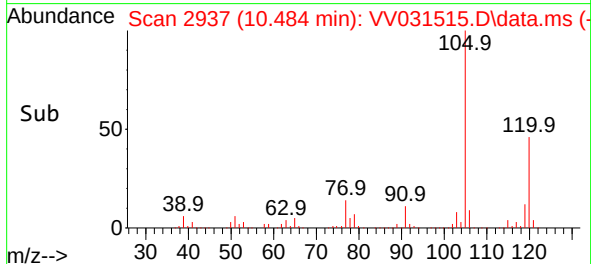
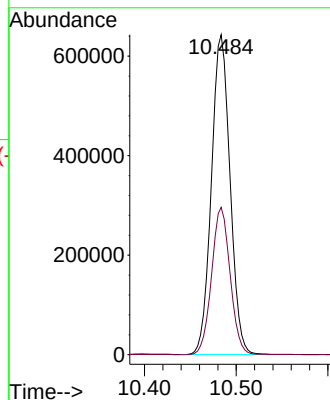
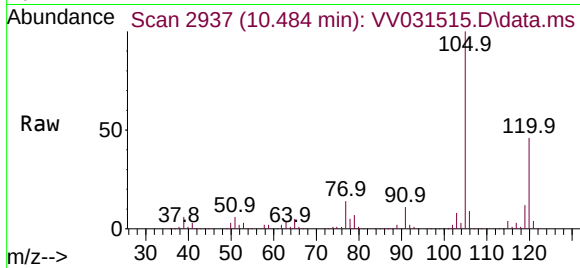
VSTD100236

Tgt Ion:105 Resp: 907572

Ion Ratio Lower Upper

105 100

120 45.8 36.2 54.2



#63

1,2,4-Trimethylbenzene

Concen: 122.834 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. -0.000 min

Lab File: VV031515.D

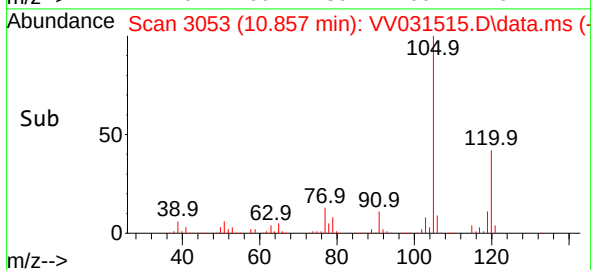
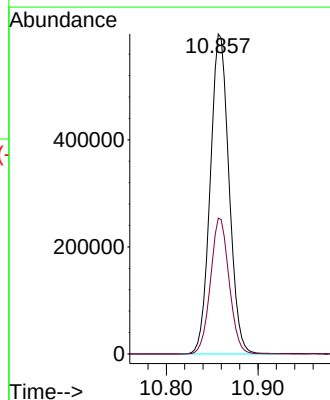
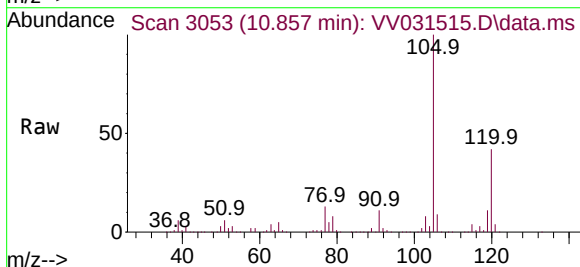
Acq: 14 Jun 2023 14:40

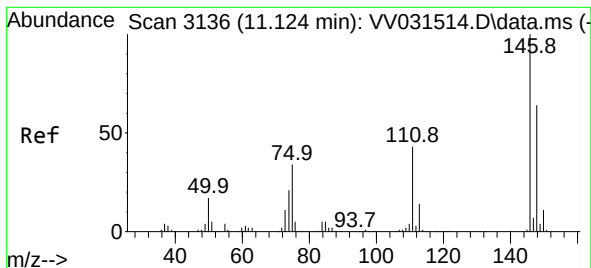
Tgt Ion:105 Resp: 848448

Ion Ratio Lower Upper

105 100

120 42.2 33.4 50.2





#64

1,3-Dichlorobenzene

Concen: 115.042 ug/L

RT: 11.123 min Scan# 3136

Delta R.T. -0.000 min

Lab File: VV031515.D

Acq: 14 Jun 2023 14:40

Instrument :

MSVOA_V

ClientSampleId :

VSTD100236

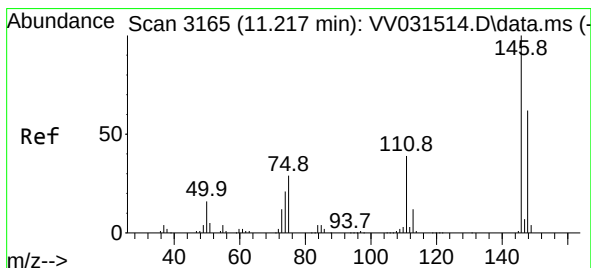
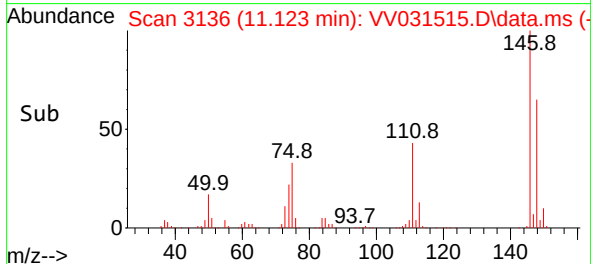
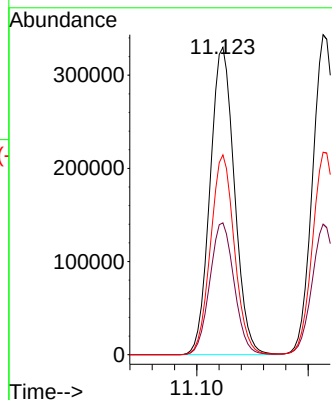
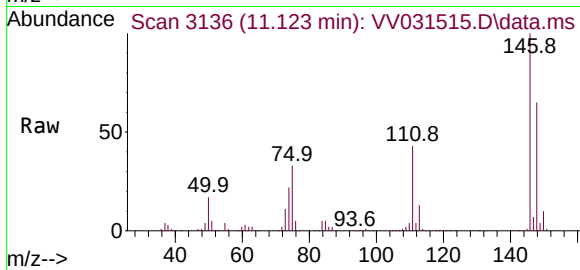
Tgt Ion:146 Resp: 502602

Ion Ratio Lower Upper

146 100

111 42.9 30.4 56.5

148 65.0 44.7 83.1



#65

1,4-Dichlorobenzene

Concen: 113.423 ug/L

RT: 11.213 min Scan# 3164

Delta R.T. -0.003 min

Lab File: VV031515.D

Acq: 14 Jun 2023 14:40

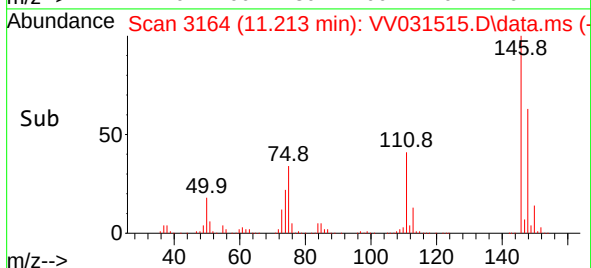
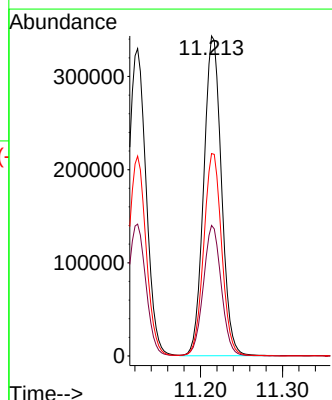
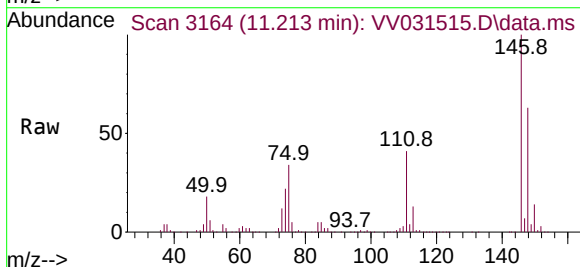
Tgt Ion:146 Resp: 515782

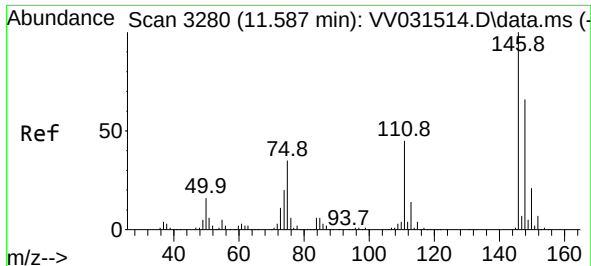
Ion Ratio Lower Upper

146 100

111 40.8 27.9 51.7

148 63.3 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 113.647 ug/L

RT: 11.586 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV031515.D

Acq: 14 Jun 2023 14:40

Instrument :

MSVOA_V

ClientSampleId :

VSTD100236

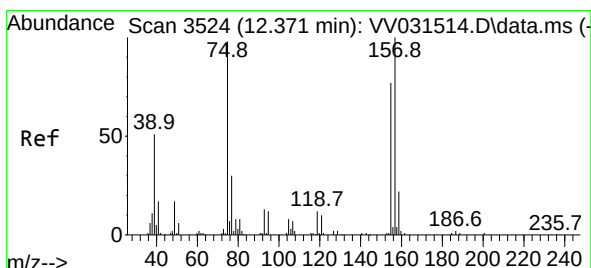
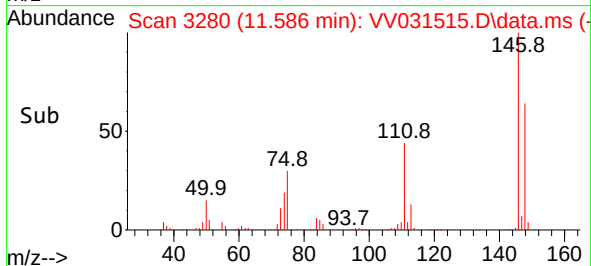
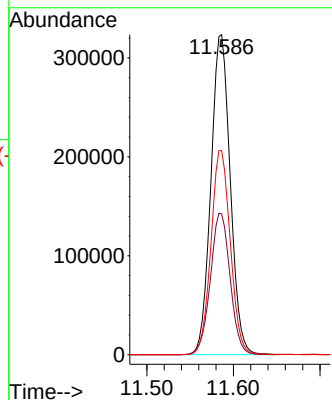
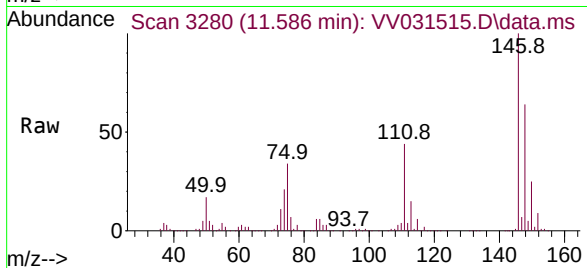
Tgt Ion:146 Resp: 501446

Ion Ratio Lower Upper

146 100

111 44.0 35.9 53.9

148 63.8 52.6 78.8



#68

1,2-Dibromo-3-chloropropane

Concen: 116.231 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. -0.000 min

Lab File: VV031515.D

Acq: 14 Jun 2023 14:40

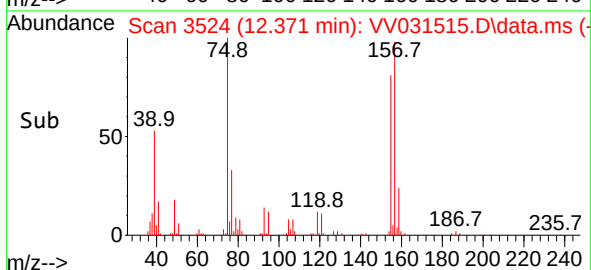
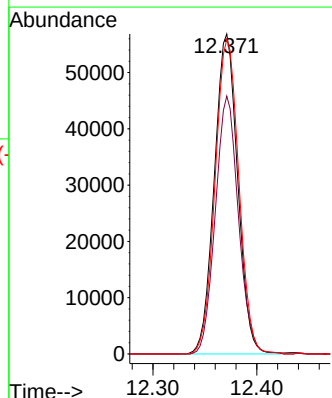
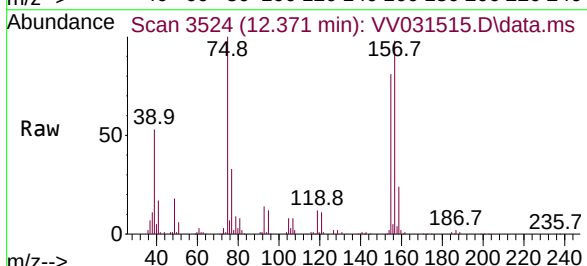
Tgt Ion: 75 Resp: 88767

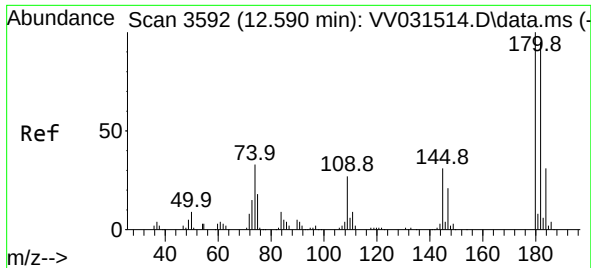
Ion Ratio Lower Upper

75 100

155 80.6 63.2 94.8

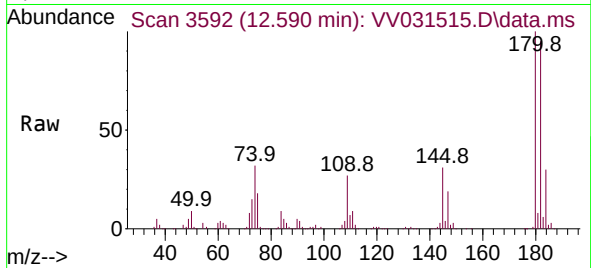
157 98.3 85.3 127.9



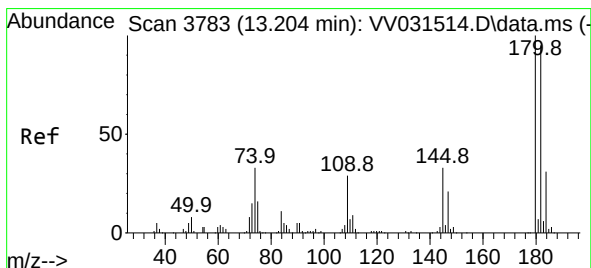
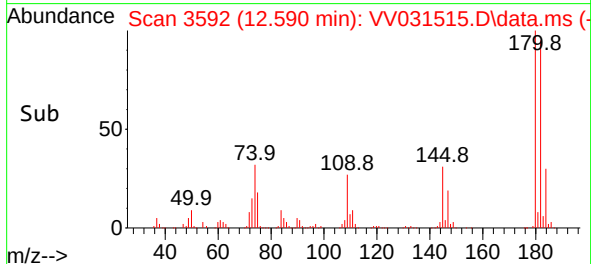
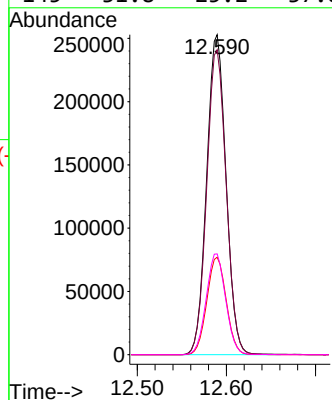


#69
1,3,5-Trichlorobenzene
Concen: 113.197 ug/L
RT: 12.590 min Scan# 3592
Delta R.T. -0.000 min
Lab File: VV031515.D
Acq: 14 Jun 2023 14:40

Instrument :
MSVOA_V
ClientSampleId :
VSTD100236

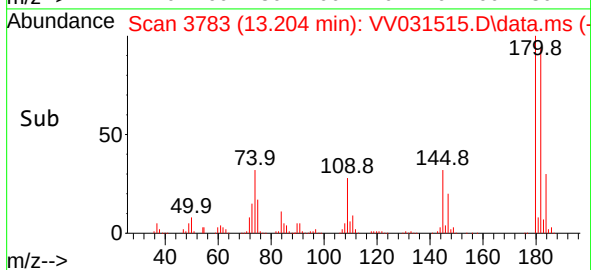
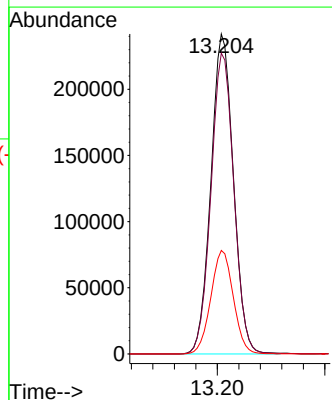
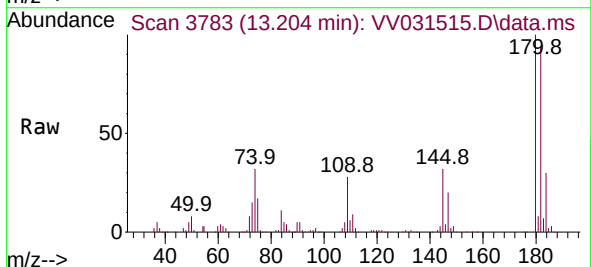


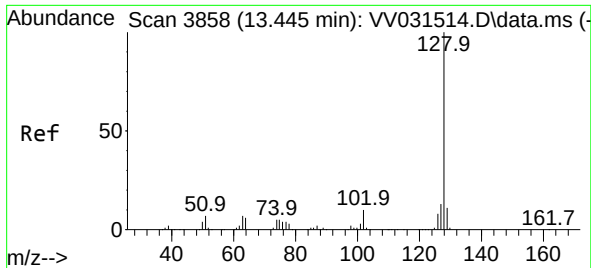
Tgt Ion:180 Resp: 381319
Ion Ratio Lower Upper
180 100
182 96.0 76.6 115.0
184 30.5 24.7 37.1
145 31.8 25.2 37.8



#70
1,2,4-trichlorobenzene
Concen: 122.731 ug/L
RT: 13.204 min Scan# 3783
Delta R.T. -0.000 min
Lab File: VV031515.D
Acq: 14 Jun 2023 14:40

Tgt Ion:180 Resp: 351492
Ion Ratio Lower Upper
180 100
182 95.5 77.7 116.5
145 32.3 26.1 39.1

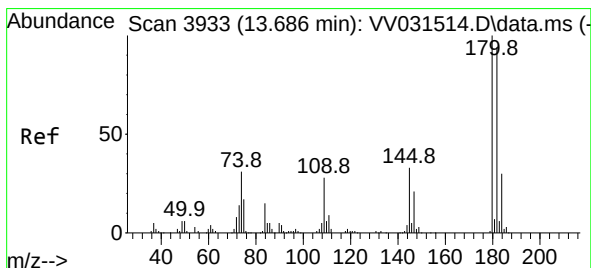
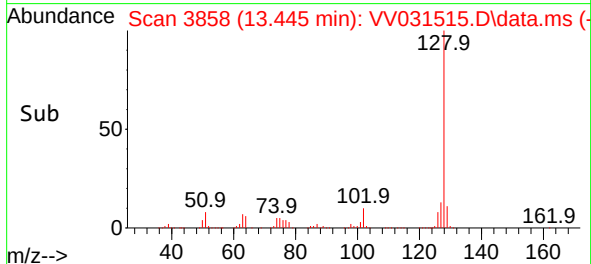
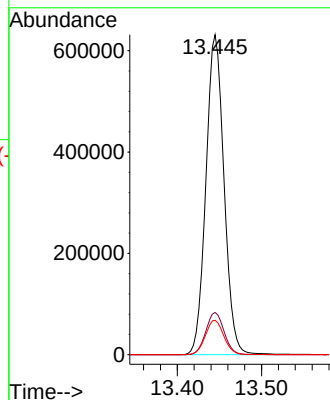
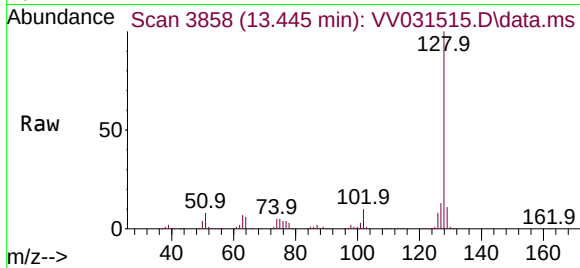




#71
Naphthalene
Concen: 126.327 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. -0.000 min
Lab File: VV031515.D
Acq: 14 Jun 2023 14:40

Instrument :
MSVOA_V
ClientSampleId :
VSTD100236

Tgt Ion:	128	Resp:	945477
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.6	16.0
129	11.0	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 123.082 ug/L
RT: 13.686 min Scan# 3933
Delta R.T. -0.000 min
Lab File: VV031515.D
Acq: 14 Jun 2023 14:40

Tgt Ion:	180	Resp:	357389
Ion Ratio	Lower	Upper	
180	100		
182	94.5	74.0	111.0
145	33.7	26.2	39.2

