

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060723\
 Data File : VW031392.D
 Acq On : 07 Jun 2023 12:01
 Operator : SY/MD
 Sample : VSTD20031
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200231

Quant Time: Jun 08 04:00:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 08 03:57:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	325465	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	319446	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	185925	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	550229	192.149	ug/L	0.00
7) Chloroethane-d5	1.532	69	436534	188.294	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.059	65	264366	194.794	ug/L	0.00
21) 2-Butanone-d5	3.789	46	835103	407.075	ug/L	0.00
24) Chloroform-d	4.252	84	1068552	196.173	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	721155	197.355	ug/L	0.00
32) Benzene-d6	4.963	84	1977036	209.625	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	669260	204.151	ug/L	0.00
41) Toluene-d8	7.249	98	1835655	211.877	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.554	79	361213	218.741	ug/L	0.00
47) 2-Hexanone-d5	8.030	63	595650	483.834	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	851286	205.766	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	708980	205.562	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	237959	182.319	ug/L	98
3) Chloromethane	1.217	50	185671	175.300	ug/L	99
5) Vinyl chloride	1.285	62	232269	183.804	ug/L	98
6) Bromomethane	1.490	94	134070	176.521	ug/L	97
8) Chloroethane	1.548	64	178817	175.631	ug/L	98
9) Trichlorofluoromethane	1.712	101	563073	184.603	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	366444	185.775	ug/L	99
12) 1,1-Dichloroethene	2.069	96	242076	186.442	ug/L	81
13) Acetone	2.124	43	638909	345.109	ug/L	98
14) Carbon disulfide	2.243	76	184128	165.787	ug/L	96
15) Methyl Acetate	2.375	43	526725	188.412	ug/L	99
16) Methylene chloride	2.449	84	353365	180.294	ug/L	95
17) trans-1,2-Dichloroethene	2.696	96	241389	196.087	ug/L	96
18) Methyl tert-butyl Ether	2.706	73	1585350	209.513	ug/L	99
19) 1,1-Dichloroethane	3.114	63	805254	189.105	ug/L	98
20) cis-1,2-Dichloroethene	3.818	96	406755	203.234	ug/L	98
22) 2-Butanone	3.873	43	890286	394.494	ug/L	98
23) Bromochloromethane	4.153	128	199623	189.670	ug/L	97
25) Chloroform	4.281	83	899262	189.380	ug/L	98
27) 1,2-Dichloroethane	5.043	62	680091	196.146	ug/L	99
29) Cyclohexane	4.590	56	380378	222.328	ug/L	99
30) 1,1,1-Trichloroethane	4.519	97	735018	194.928	ug/L	99
31) Carbon tetrachloride	4.741	117	596446	190.414	ug/L	99
33) Benzene	5.014	78	1425276	202.208	ug/L	100
34) Trichloroethene	5.837	95	415454	187.085	ug/L	99
35) Methylcyclohexane	6.056	83	405718	213.619	ug/L	95
37) 1,2-Dichloropropane	6.098	63	518519	204.378	ug/L	99
38) Bromodichloromethane	6.436	83	732500	197.264	ug/L	97
39) cis-1,3-Dichloropropene	6.956	75	825030	217.662	ug/L	97
40) 4-Methyl-2-pentanone	7.162	43	1717760	416.796	ug/L	100
42) Toluene	7.320	91	1619726	205.301	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	844899	219.764	ug/L	100

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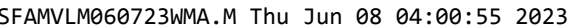
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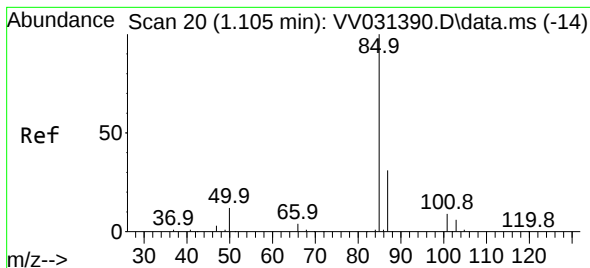
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.773	97	515690	196.648	ug/L	99
46) Tetrachloroethene	7.911	164	281368	195.172	ug/L	99
48) 2-Hexanone	8.082	43	1356110	420.374	ug/L	100
49) Dibromochloromethane	8.181	129	578311	202.162	ug/L	98
50) 1,2-Dibromoethane	8.288	107	493480	195.466	ug/L	96
51) Chlorobenzene	8.818	112	1174561	195.798	ug/L	100
52) Ethylbenzene	8.950	91	2095444	213.413	ug/L	100
53) m,p-Xylene	9.079	106	747354	211.215	ug/L	96
54) o-Xylene	9.484	106	775715	217.321	ug/L	99
55) Styrene	9.500	104	1417500	217.823	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	824710	205.157	ug/L	99
59) Bromoform	9.670	173	465589	195.435	ug/L	99
60) Isopropylbenzene	9.873	105	2269398	213.606	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	692876	184.090	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	1930850	220.060	ug/L	100
63) 1,2,4-Trimethylbenzene	10.857	105	1954236	222.512	ug/L	99
64) 1,3-Dichlorobenzene	11.123	146	1073212	197.352	ug/L	99
65) 1,4-Dichlorobenzene	11.213	146	1107311	192.511	ug/L	99
67) 1,2-Dichlorobenzene	11.586	146	1099009	197.144	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	203512	203.997	ug/L	98
69) 1,3,5-Trichlorobenzene	12.590	180	858522	205.059	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	770201	215.636	ug/L	99
71) Naphthalene	13.445	128	2188852	223.588	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	748287	209.012	ug/L	99

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

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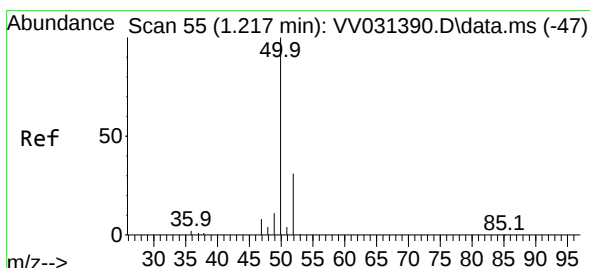
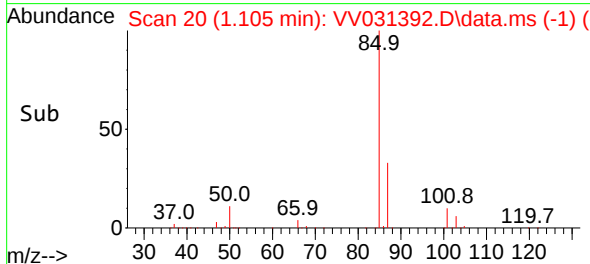
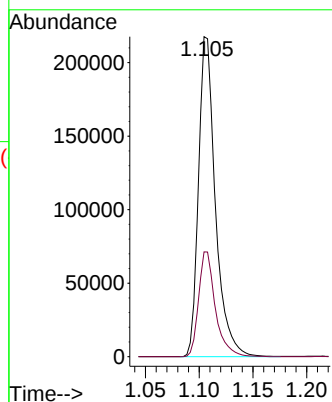
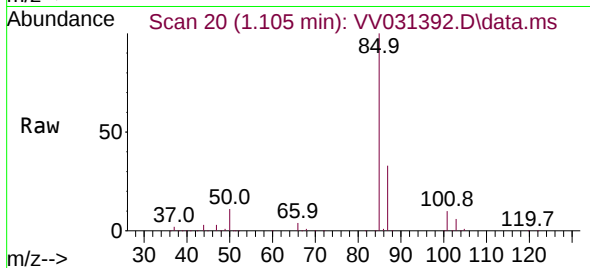




#2
 Dichlorodifluoromethane
 Concen: 182.319 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV031392.D
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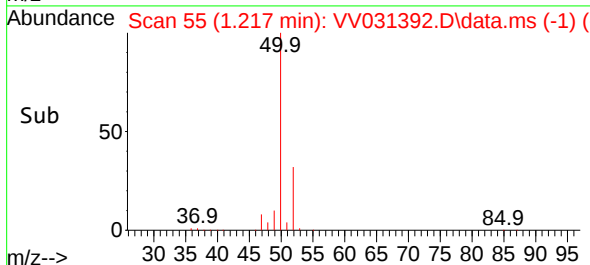
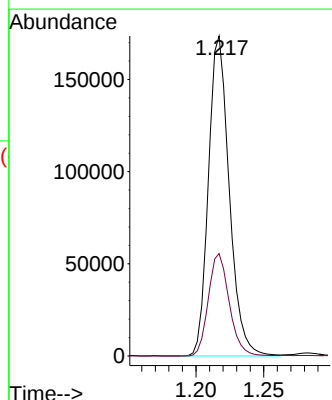
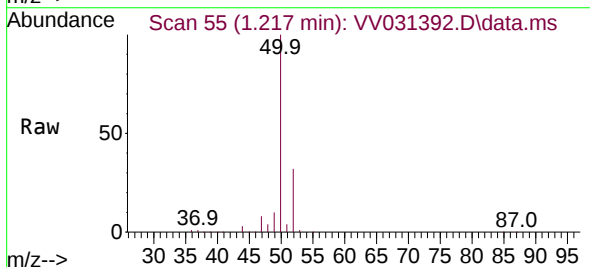
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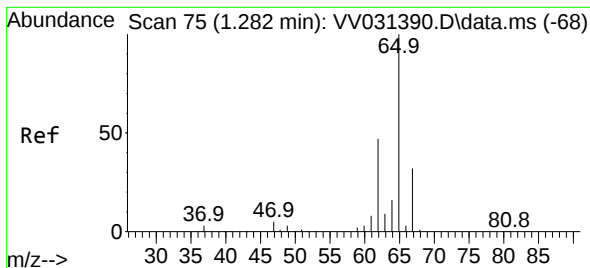
Tgt Ion: 85 Resp: 237959
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.0 37.6



#3
 Chloromethane
 Concen: 175.300 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV031392.D
 Acq: 07 Jun 2023 12:01

Tgt Ion: 50 Resp: 185671
 Ion Ratio Lower Upper
 50 100
 52 32.0 21.9 40.7

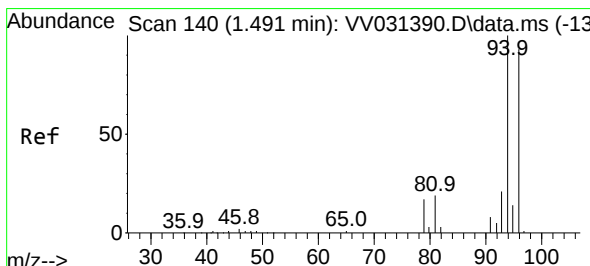
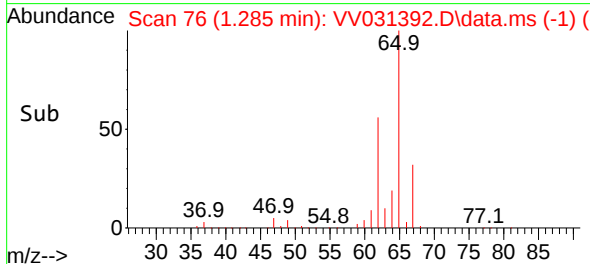
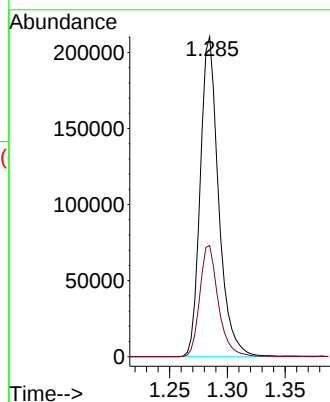
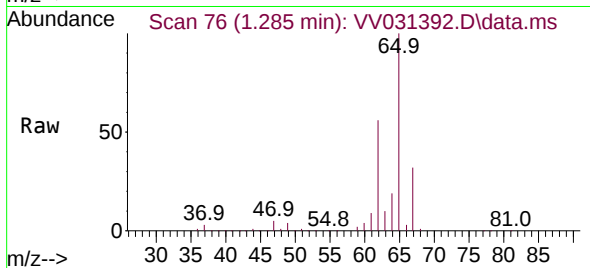




#5
 Vinyl chloride
 Concen: 183.804 ug/L
 RT: 1.285 min Scan# 75
 Delta R.T. 0.003 min
 Lab File: VV031392.D
 Acq: 07 Jun 2023 12:01

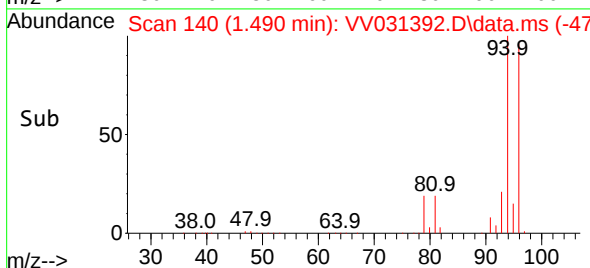
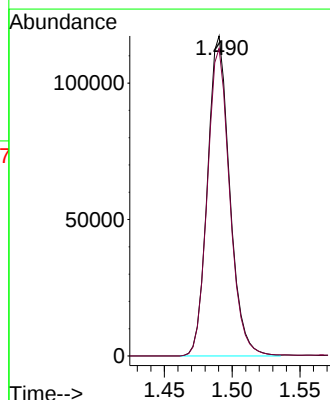
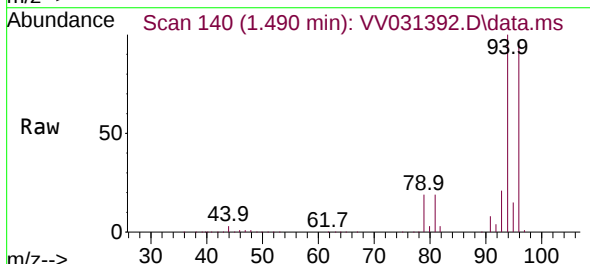
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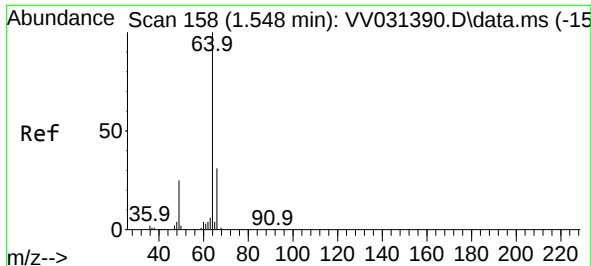
Tgt Ion: 62 Resp: 232269
 Ion Ratio Lower Upper
 62 100
 64 34.8 23.7 43.9



#6
 Bromomethane
 Concen: 176.521 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. -0.000 min
 Lab File: VV031392.D
 Acq: 07 Jun 2023 12:01

Tgt Ion: 94 Resp: 134070
 Ion Ratio Lower Upper
 94 100
 96 96.1 65.4 121.4

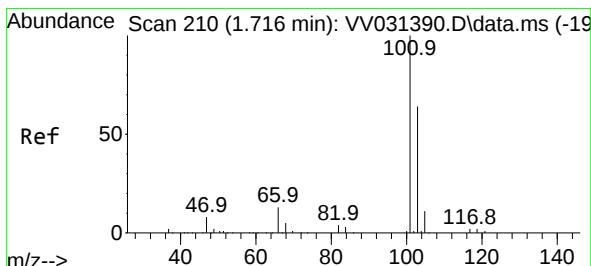
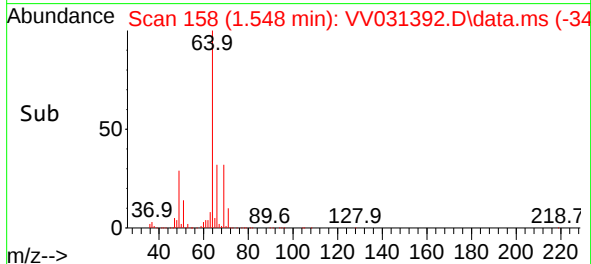
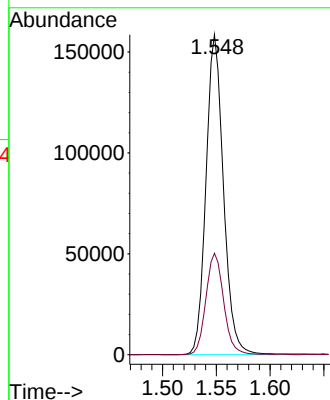
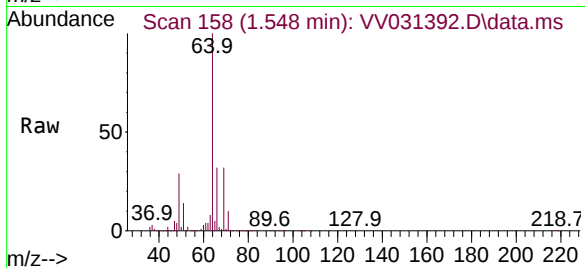




#8
Chloroethane
Concen: 175.631 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV031392.D
Acq: 07 Jun 2023 12:01

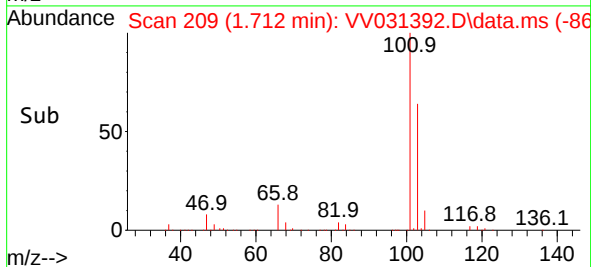
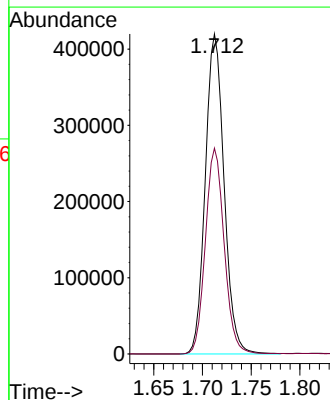
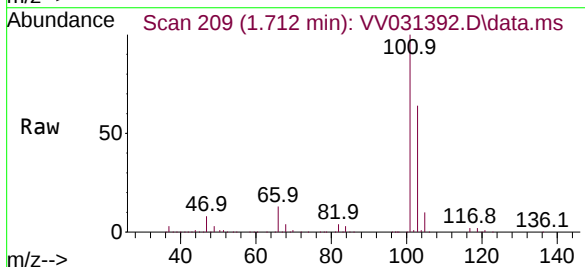
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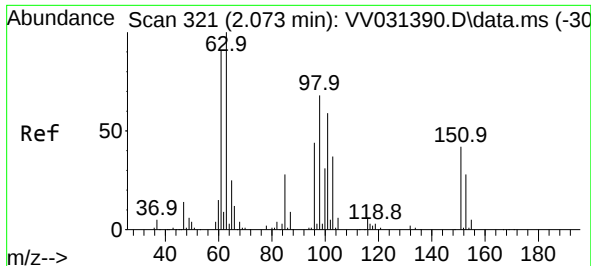
Tgt Ion: 64 Resp: 178817
Ion Ratio Lower Upper
64 100
66 31.7 21.4 39.8



#9
Trichlorofluoromethane
Concen: 184.603 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV031392.D
Acq: 07 Jun 2023 12:01

Tgt Ion:101 Resp: 563073
Ion Ratio Lower Upper
101 100
103 64.2 51.8 77.6

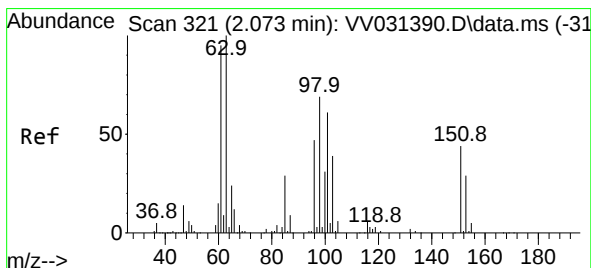
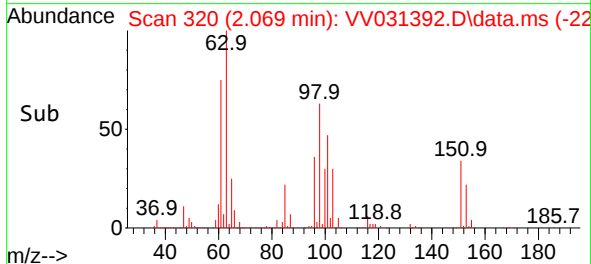
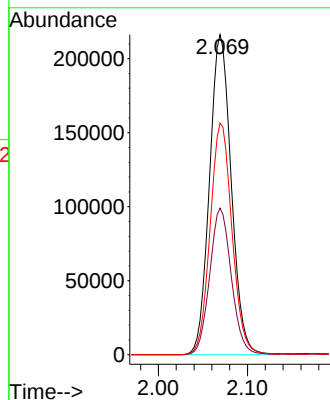
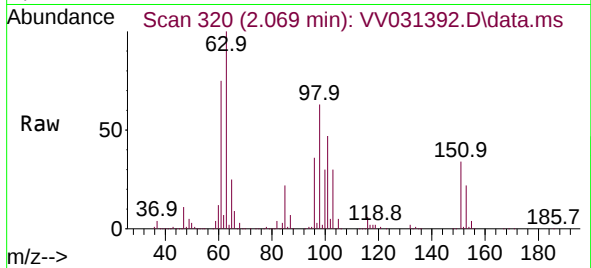




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 185.775 ug/L
RT: 2.069 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV031392.D
Acq: 07 Jun 2023 12:01

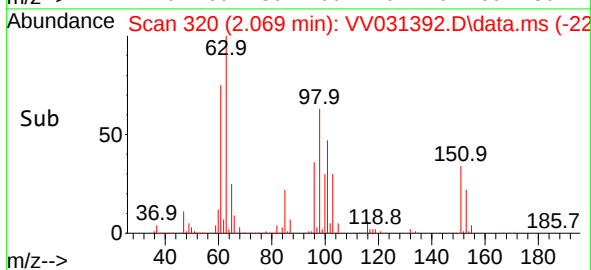
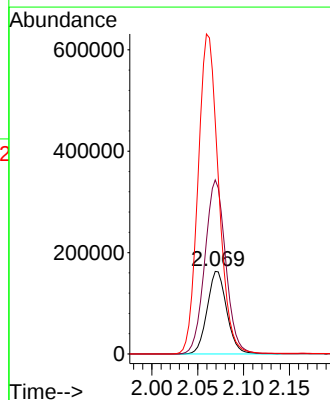
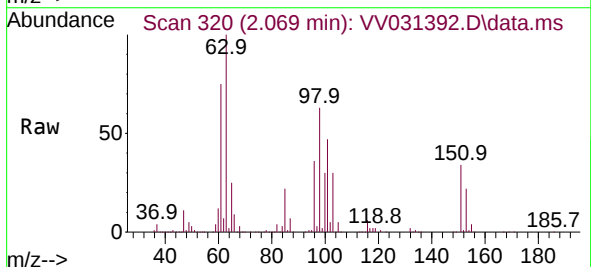
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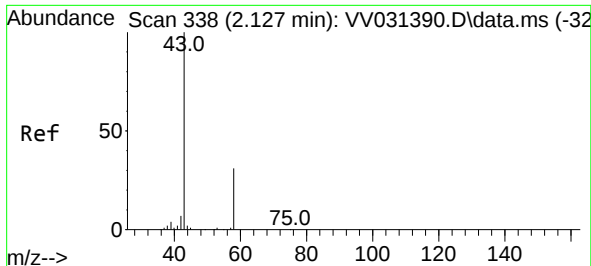
Tgt Ion:101 Resp: 366444
Ion Ratio Lower Upper
101 100
85 45.5 37.3 55.9
151 72.8 57.8 86.6



#12
1,1-Dichloroethene
Concen: 186.442 ug/L
RT: 2.069 min Scan# 320
Delta R.T. -0.003 min
Lab File: VV031392.D
Acq: 07 Jun 2023 12:01

Tgt Ion: 96 Resp: 242076
Ion Ratio Lower Upper
96 100
61 210.8 143.9 267.3
63 281.7 158.3 293.9





#13

Acetone

Concen: 345.109 ug/L

RT: 2.124 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV031392.D

Acq: 07 Jun 2023 12:01

Instrument :

MSVOA_V

ClientSampleId :

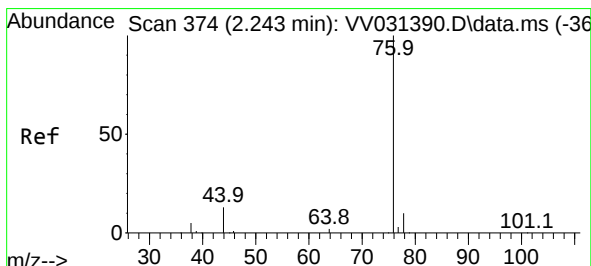
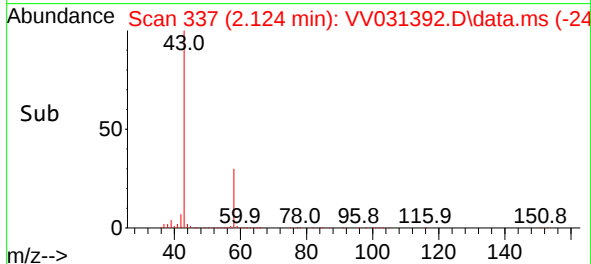
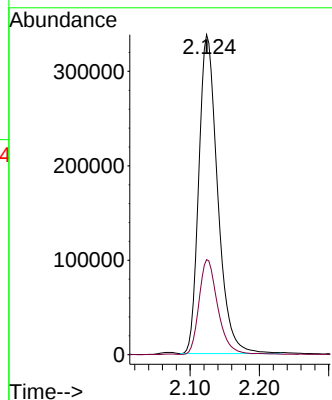
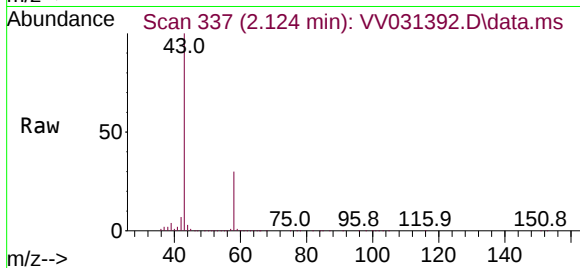
VSTD200231

Tgt Ion: 43 Resp: 638909

Ion Ratio Lower Upper

43 100

58 29.4 0.0 61.0



#14

Carbon disulfide

Concen: 165.787 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.000 min

Lab File: VV031392.D

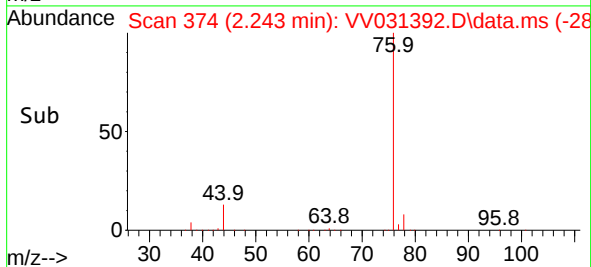
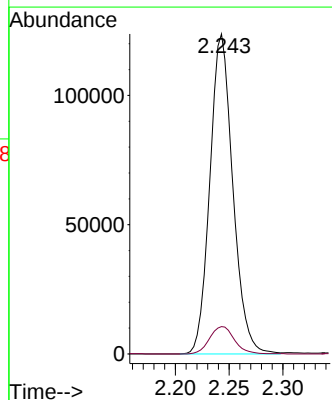
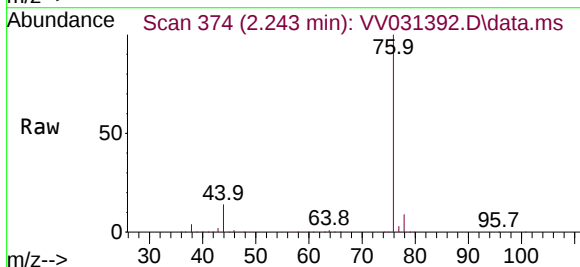
Acq: 07 Jun 2023 12:01

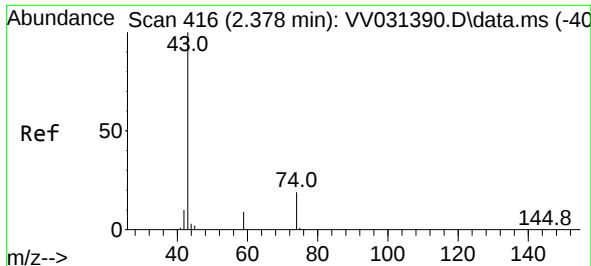
Tgt Ion: 76 Resp: 184128

Ion Ratio Lower Upper

76 100

78 8.6 7.9 11.9

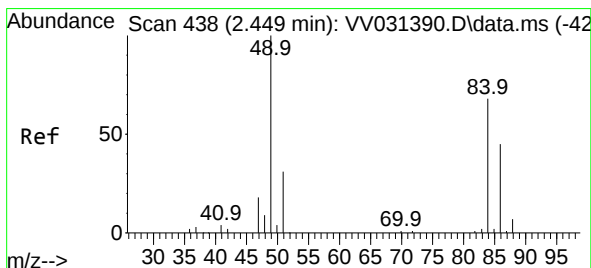
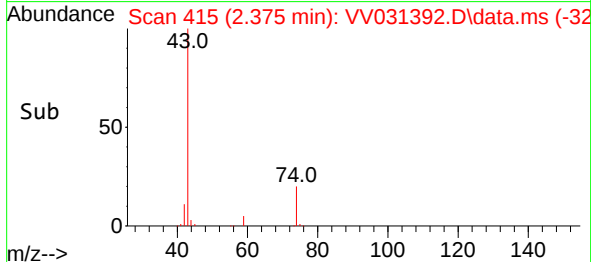
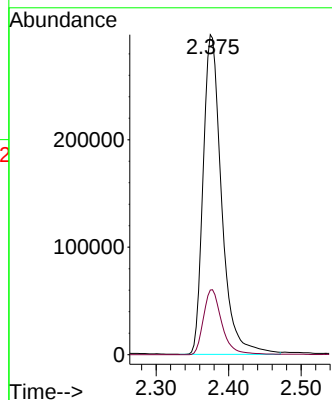
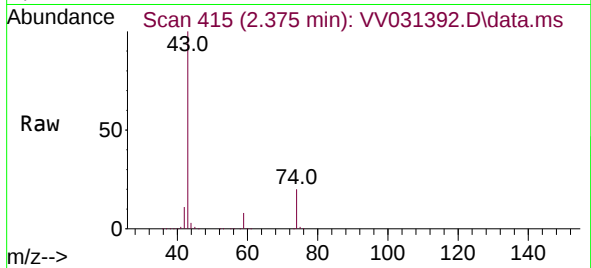




#15
Methyl Acetate
Concen: 188.412 ug/L
RT: 2.375 min Scan# 416
Delta R.T. -0.003 min
Lab File: VV031392.D
Acq: 07 Jun 2023 12:01

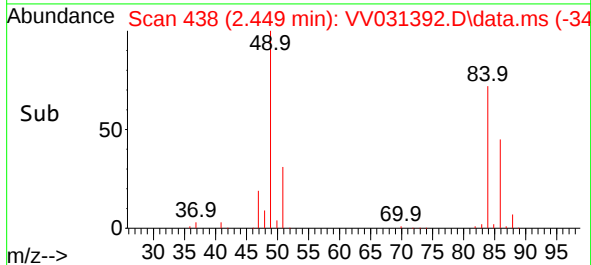
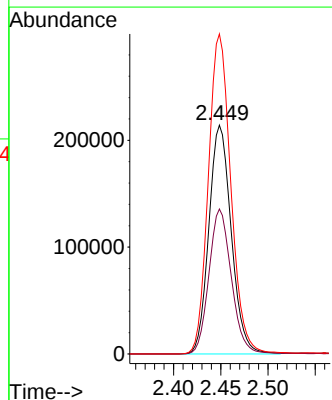
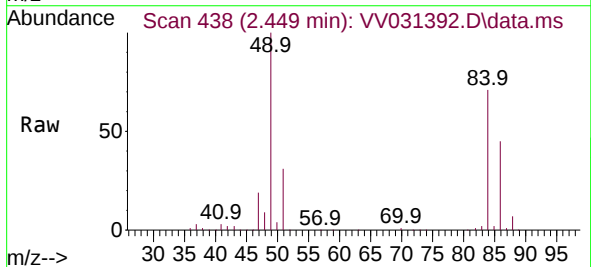
Instrument :
MSVOA_V
ClientSampleId :
VSTD200231

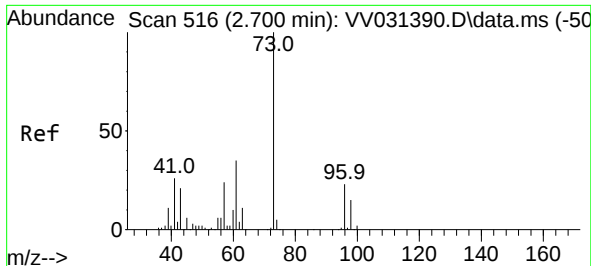
Tgt Ion: 43 Resp: 526725
Ion Ratio Lower Upper
43 100
74 20.3 16.0 24.0



#16
Methylene chloride
Concen: 180.294 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV031392.D
Acq: 07 Jun 2023 12:01

Tgt Ion: 84 Resp: 353365
Ion Ratio Lower Upper
84 100
86 63.4 46.1 85.5
49 139.9 102.7 190.7

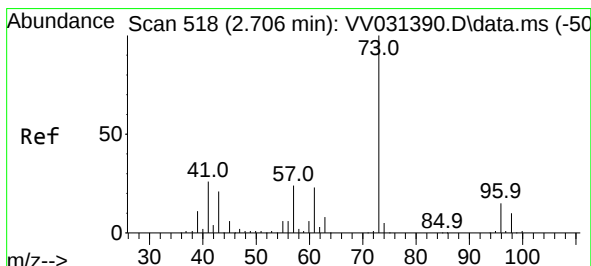
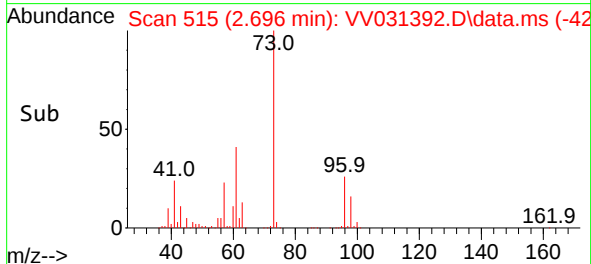
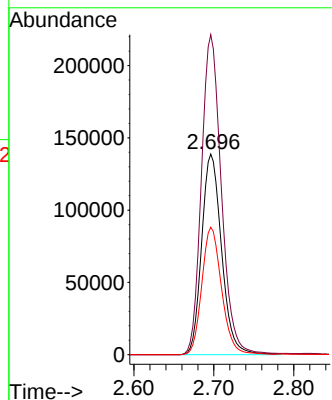
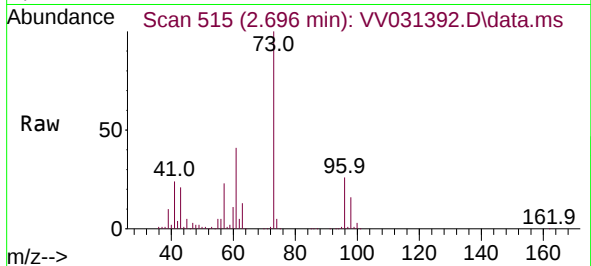




#17
trans-1,2-Dichloroethene
Concen: 196.087 ug/L
RT: 2.696 min Scan# 516
Delta R.T. -0.003 min
Lab File: VV031392.D
Acq: 07 Jun 2023 12:01

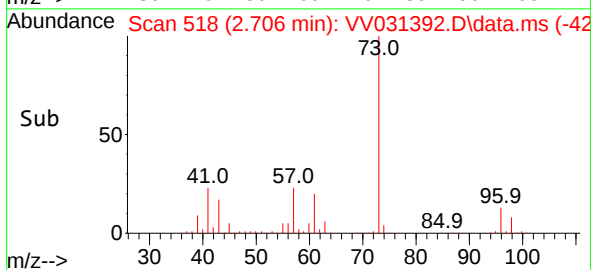
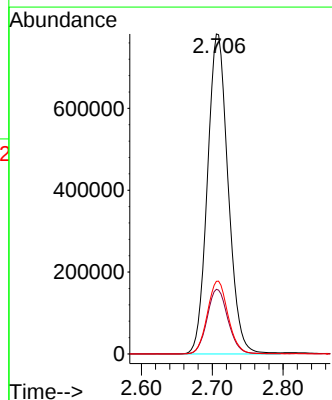
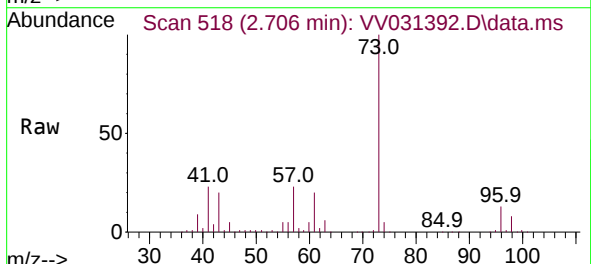
Instrument :
MSVOA_V
ClientSampleId :
VSTD200231

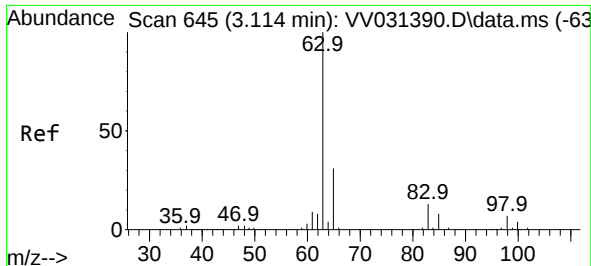
Tgt Ion: 96 Resp: 241389
Ion Ratio Lower Upper
96 100
61 159.5 106.9 198.5
98 63.6 44.9 83.3



#18
Methyl tert-butyl Ether
Concen: 209.513 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV031392.D
Acq: 07 Jun 2023 12:01

Tgt Ion: 73 Resp: 1585350
Ion Ratio Lower Upper
73 100
43 20.3 16.6 25.0
57 22.8 18.6 28.0





#19

1,1-Dichloroethane

Concen: 189.105 ug/L

RT: 3.114 min Scan# 64

Delta R.T. -0.000 min

Lab File: VV031392.D

Acq: 07 Jun 2023 12:01

Instrument :

MSVOA_V

ClientSampleId :

VSTD200231

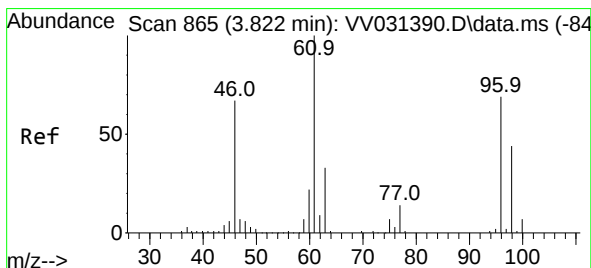
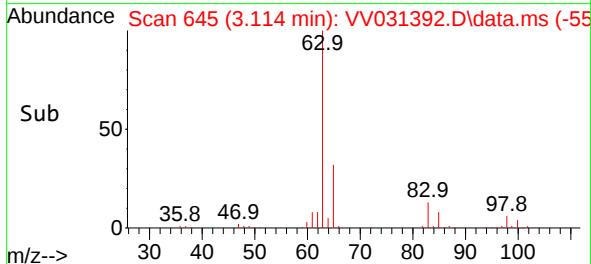
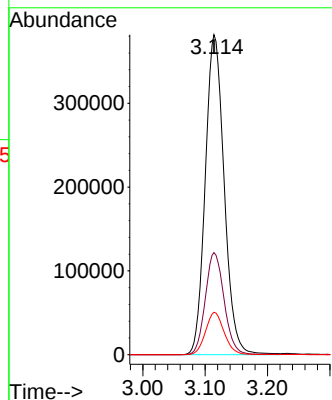
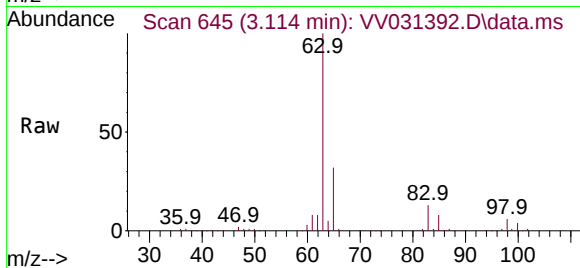
Tgt Ion: 63 Resp: 805254

Ion Ratio Lower Upper

63 100

65 31.9 21.4 39.8

83 13.2 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 203.234 ug/L

RT: 3.818 min Scan# 864

Delta R.T. -0.003 min

Lab File: VV031392.D

Acq: 07 Jun 2023 12:01

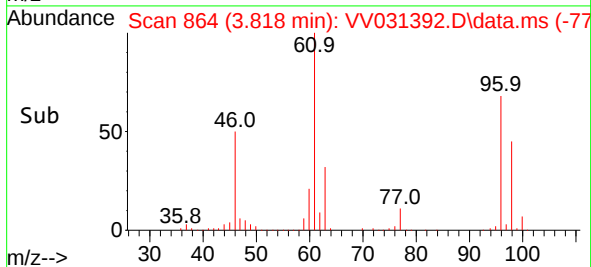
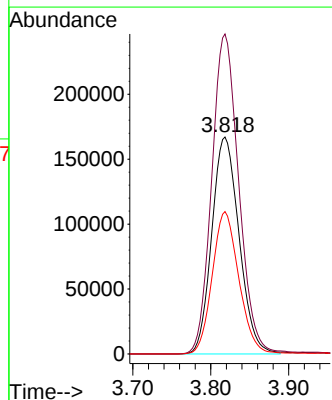
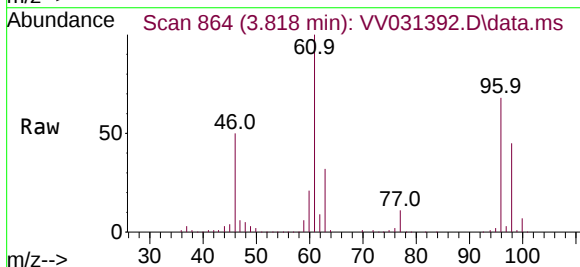
Tgt Ion: 96 Resp: 406755

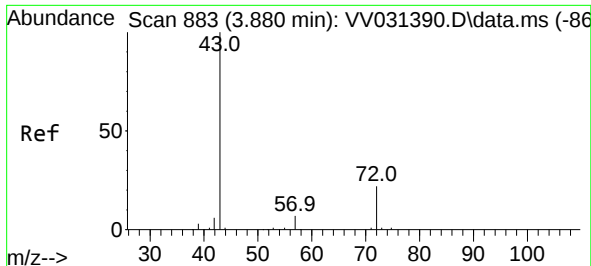
Ion Ratio Lower Upper

96 100

61 147.5 101.6 188.6

98 65.7 44.4 82.4

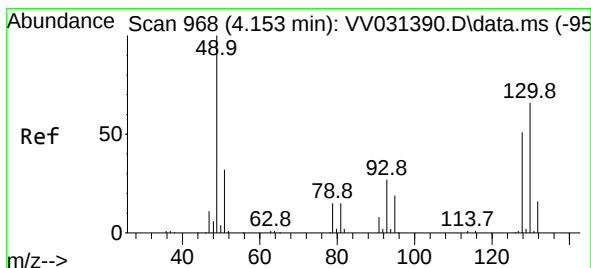
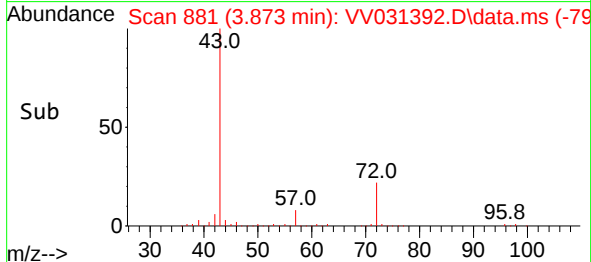
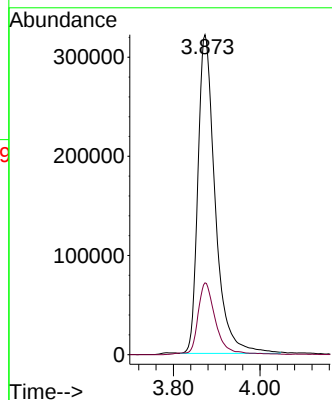
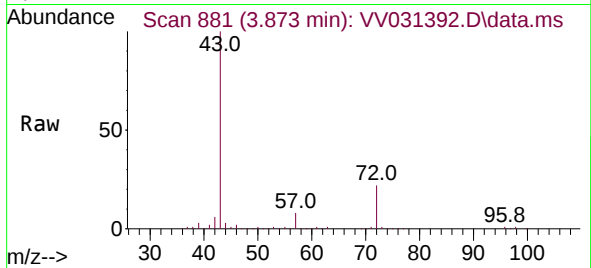




#22
2-Butanone
Concen: 394.494 ug/L
RT: 3.873 min Scan# 881
Delta R.T. -0.007 min
Lab File: VV031392.D
Acq: 07 Jun 2023 12:01

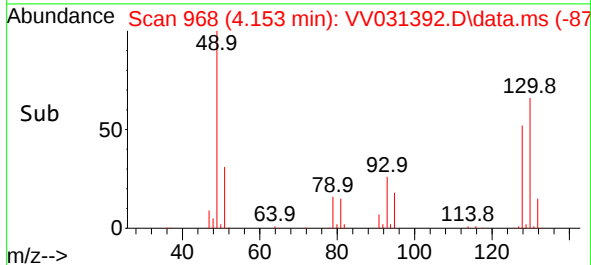
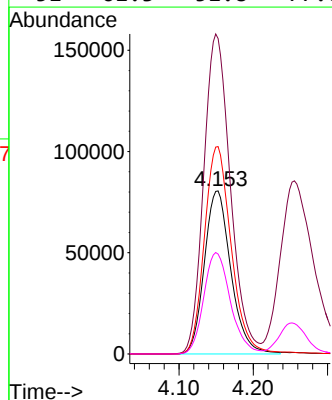
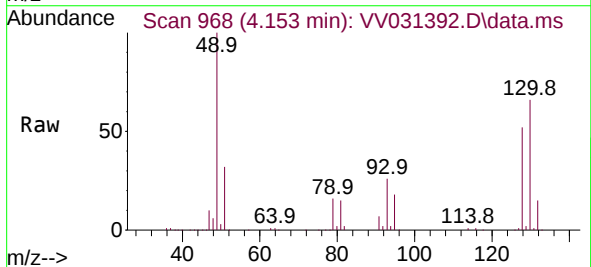
Instrument :
MSVOA_V
ClientSampleId :
VSTD200231

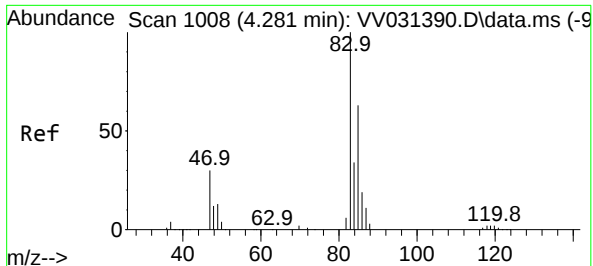
Tgt Ion: 43 Resp: 890286
Ion Ratio Lower Upper
43 100
72 21.6 10.4 31.4



#23
Bromochloromethane
Concen: 189.670 ug/L
RT: 4.153 min Scan# 968
Delta R.T. -0.000 min
Lab File: VV031392.D
Acq: 07 Jun 2023 12:01

Tgt Ion: 128 Resp: 199623
Ion Ratio Lower Upper
128 100
49 193.5 138.2 256.6
130 127.2 91.4 169.8
51 61.3 51.8 77.6





#25

Chloroform

Concen: 189.380 ug/L

RT: 4.281 min Scan# 1008

Delta R.T. -0.000 min

Lab File: VV031392.D

Acq: 07 Jun 2023 12:01

Instrument :

MSVOA_V

ClientSampleId :

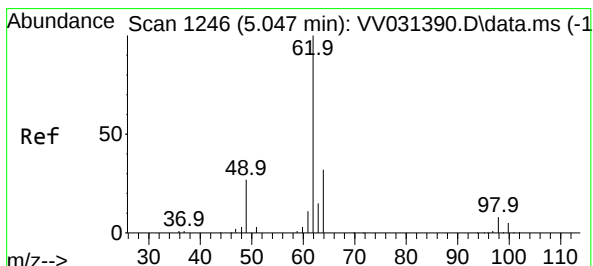
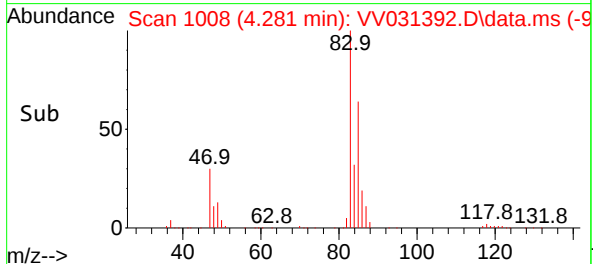
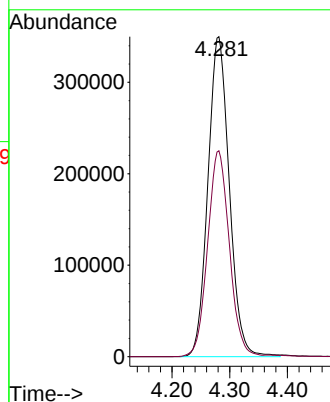
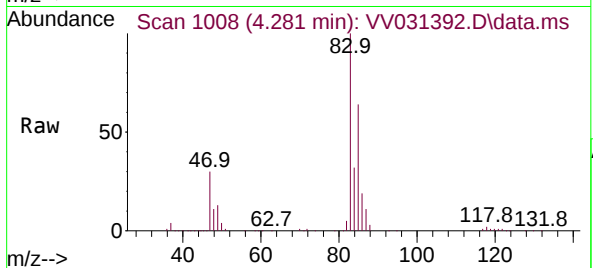
VSTD200231

Tgt Ion: 83 Resp: 899262

Ion Ratio Lower Upper

83 100

85 64.3 43.9 81.5



#27

1,2-Dichloroethane

Concen: 196.146 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. -0.003 min

Lab File: VV031392.D

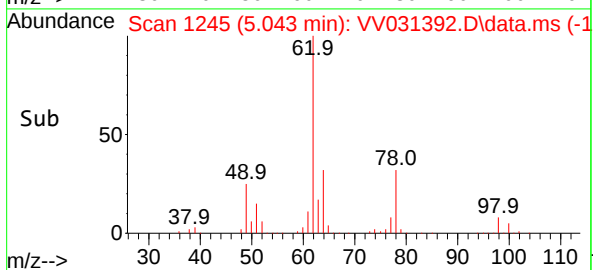
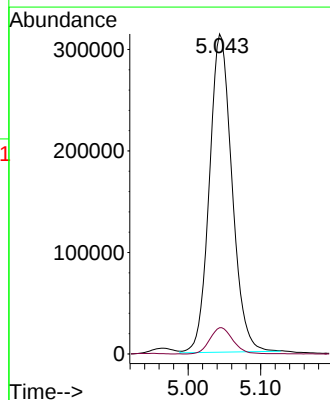
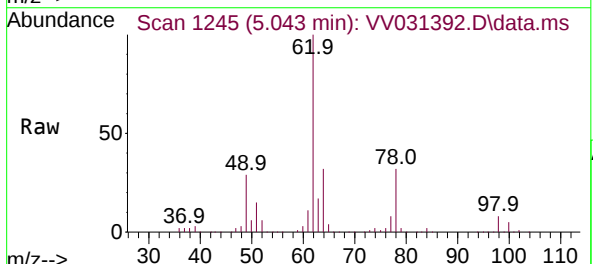
Acq: 07 Jun 2023 12:01

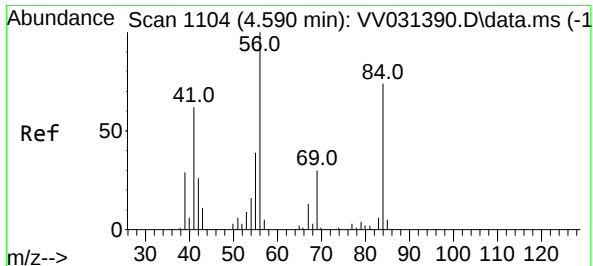
Tgt Ion: 62 Resp: 680091

Ion Ratio Lower Upper

62 100

98 8.2 6.2 9.4





#29

Cyclohexane

Concen: 222.328 ug/L

RT: 4.590 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VV031392.D

Acq: 07 Jun 2023 12:01

Instrument :

MSVOA_V

ClientSampleId :

VSTD200231

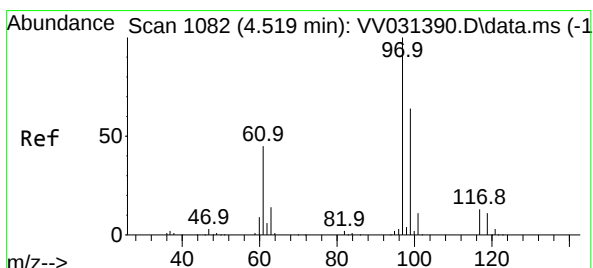
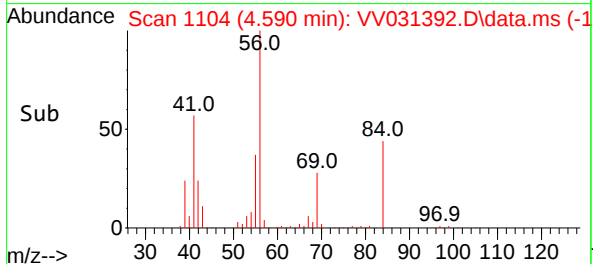
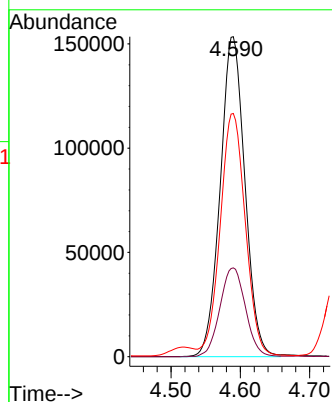
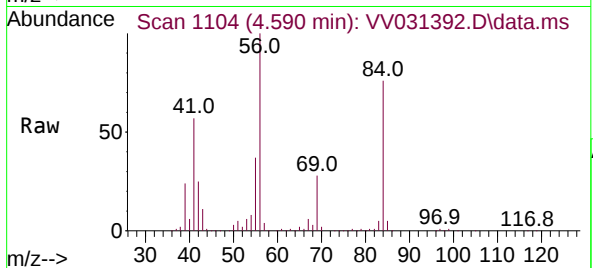
Tgt Ion: 56 Resp: 380378

Ion Ratio Lower Upper

56 100

69 28.6 23.5 35.3

84 76.4 61.3 91.9



#30

1,1,1-Trichloroethane

Concen: 194.928 ug/L

RT: 4.519 min Scan# 1082

Delta R.T. -0.000 min

Lab File: VV031392.D

Acq: 07 Jun 2023 12:01

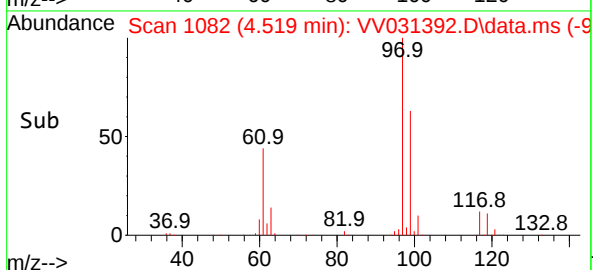
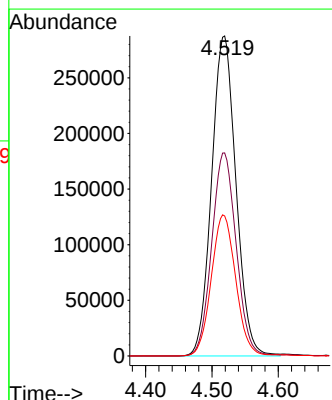
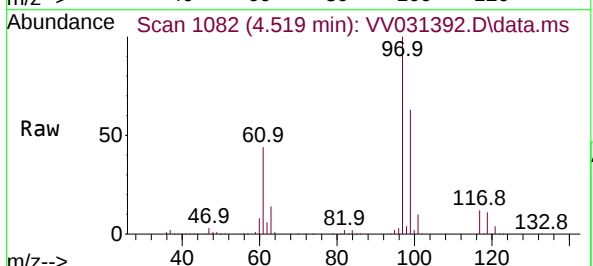
Tgt Ion: 97 Resp: 735018

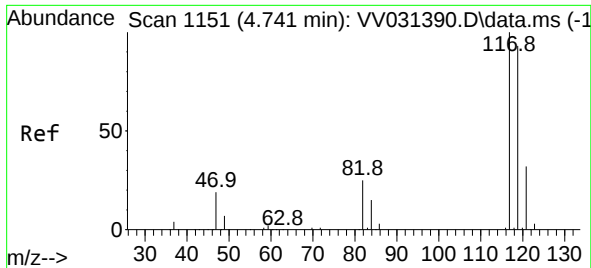
Ion Ratio Lower Upper

97 100

99 63.7 51.9 77.9

61 44.1 36.1 54.1

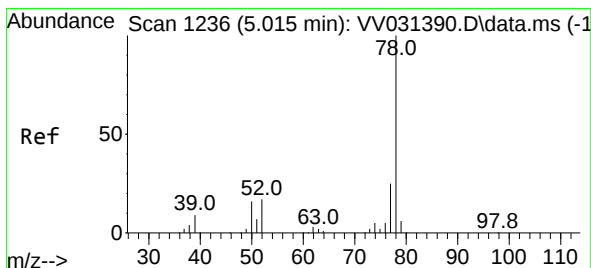
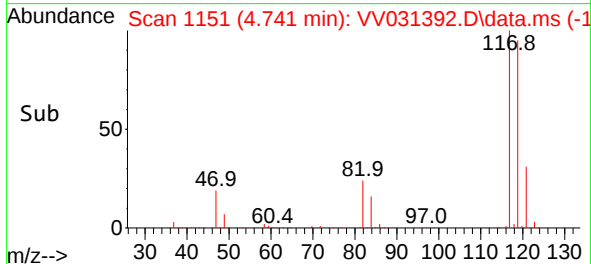
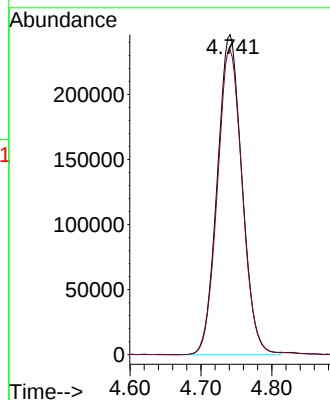
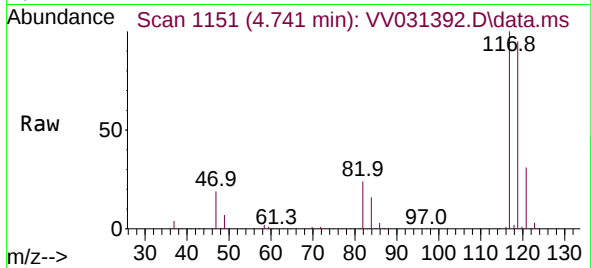




#31
Carbon tetrachloride
Concen: 190.414 ug/L
RT: 4.741 min Scan# 1151
Delta R.T. -0.000 min
Lab File: VV031392.D
Acq: 07 Jun 2023 12:01

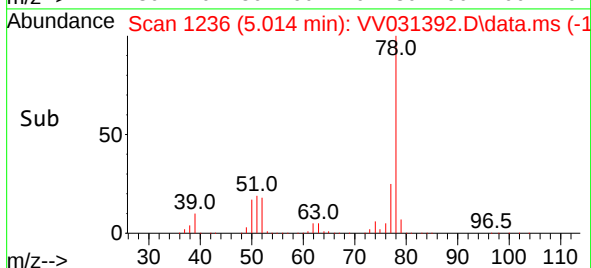
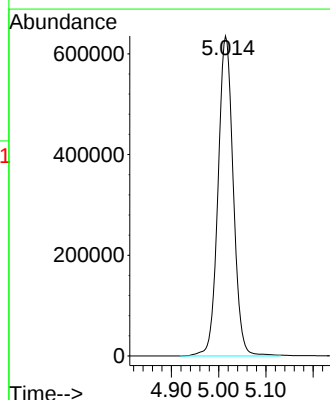
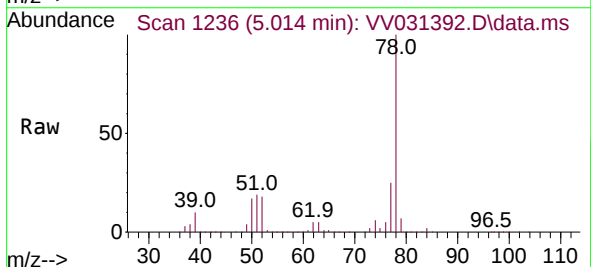
Instrument :
MSVOA_V
ClientSampleId :
VSTD200231

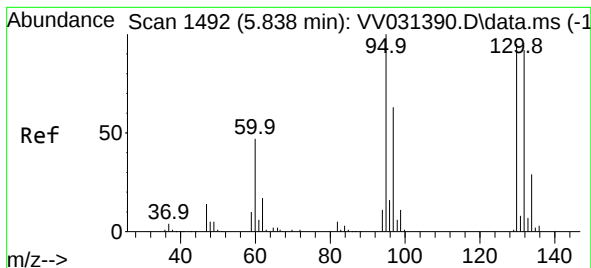
Tgt Ion:117 Resp: 596446
Ion Ratio Lower Upper
117 100
119 96.0 75.8 113.6



#33
Benzene
Concen: 202.208 ug/L
RT: 5.014 min Scan# 1236
Delta R.T. -0.000 min
Lab File: VV031392.D
Acq: 07 Jun 2023 12:01

Tgt Ion: 78 Resp: 1425276





#34

Trichloroethene

Concen: 187.085 ug/L

RT: 5.837 min Scan# 1492

Delta R.T. -0.000 min

Lab File: VV031392.D

Acq: 07 Jun 2023 12:01

Instrument :

MSVOA_V

ClientSampleId :

VSTD200231

Tgt Ion: 95 Resp: 415454

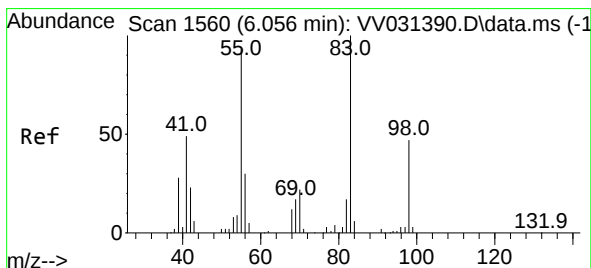
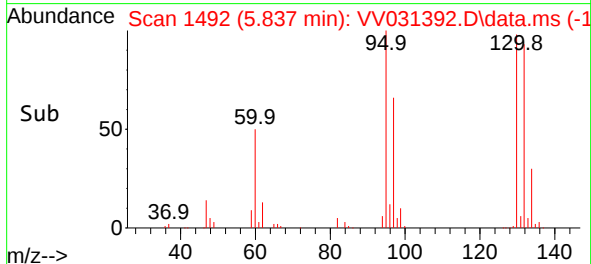
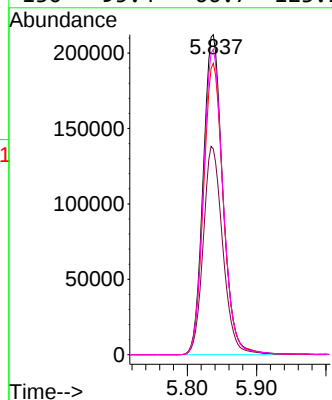
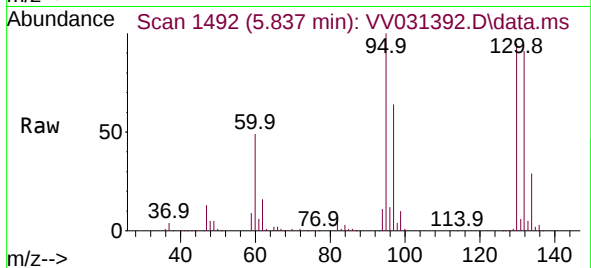
Ion Ratio Lower Upper

95 100

97 64.3 44.2 82.0

132 91.1 64.2 119.2

130 95.4 66.7 123.9



#35

Methylcyclohexane

Concen: 213.619 ug/L

RT: 6.056 min Scan# 1560

Delta R.T. -0.000 min

Lab File: VV031392.D

Acq: 07 Jun 2023 12:01

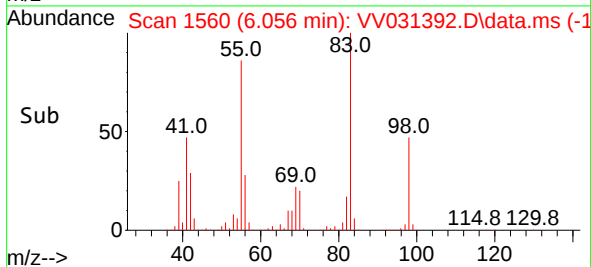
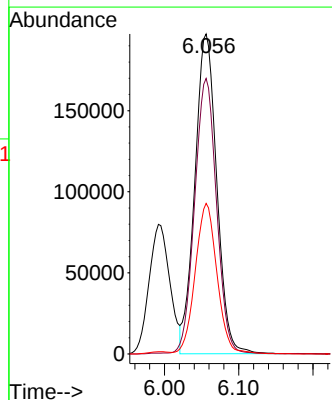
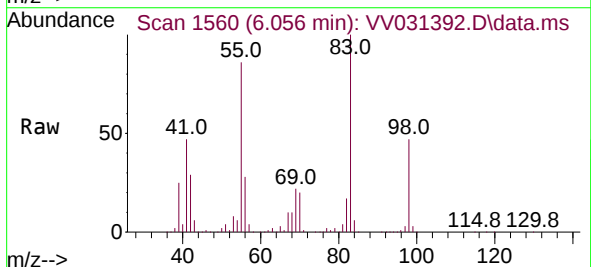
Tgt Ion: 83 Resp: 405718

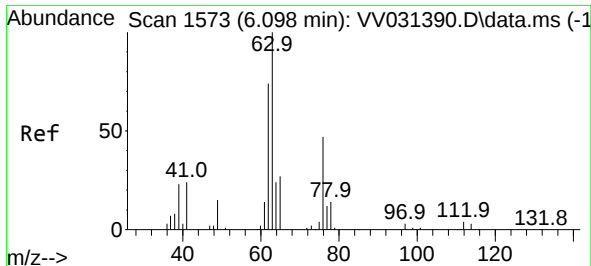
Ion Ratio Lower Upper

83 100

55 85.7 73.9 110.9

98 46.8 37.0 55.4





#37

1,2-Dichloropropane

Concen: 204.378 ug/L

RT: 6.098 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV031392.D

Acq: 07 Jun 2023 12:01

Instrument :

MSVOA_V

ClientSampleId :

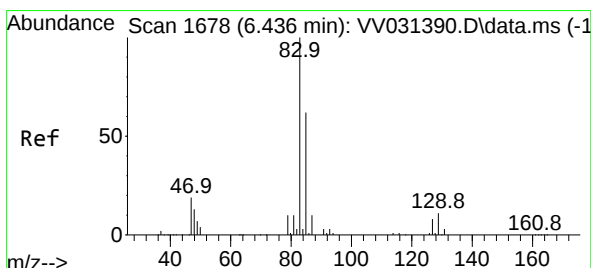
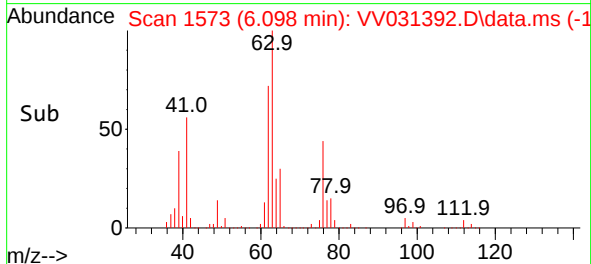
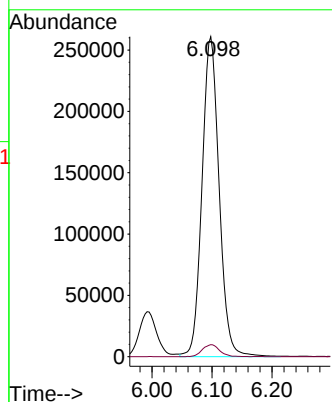
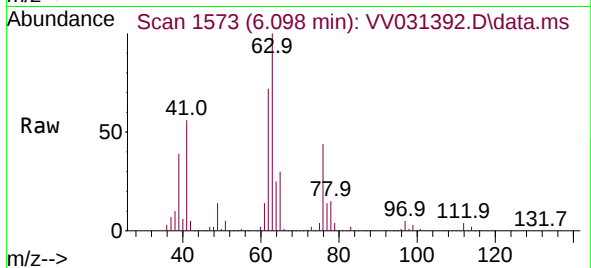
VSTD200231

Tgt Ion: 63 Resp: 518519

Ion Ratio Lower Upper

63 100

112 3.8 3.3 4.9



#38

Bromodichloromethane

Concen: 197.264 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. -0.000 min

Lab File: VV031392.D

Acq: 07 Jun 2023 12:01

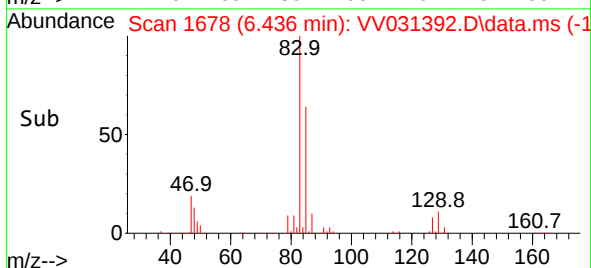
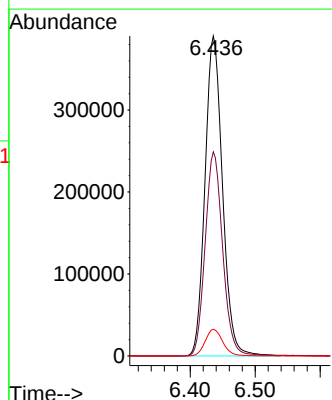
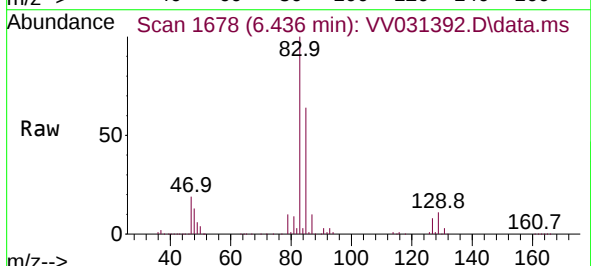
Tgt Ion: 83 Resp: 732500

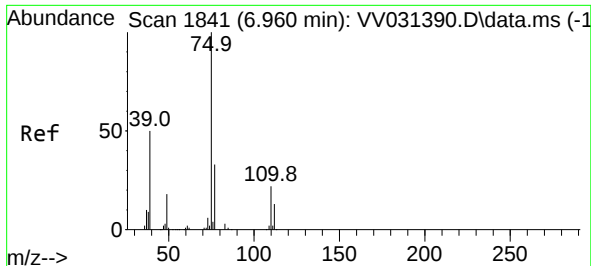
Ion Ratio Lower Upper

83 100

85 63.8 43.2 80.2

127 8.3 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 217.662 ug/L

RT: 6.956 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV031392.D

Acq: 07 Jun 2023 12:01

Instrument :

MSVOA_V

ClientSampleId :

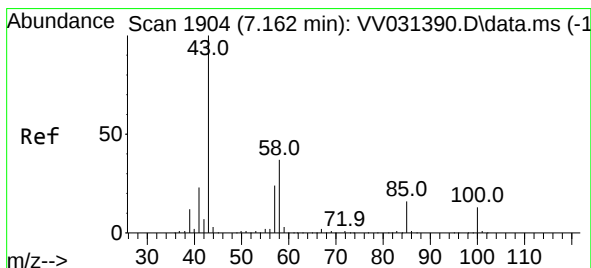
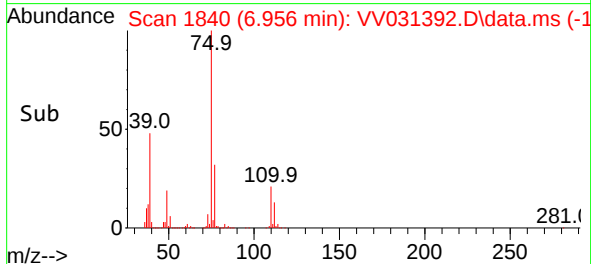
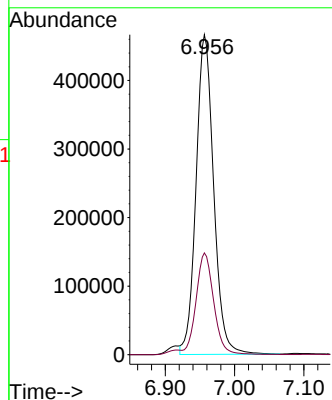
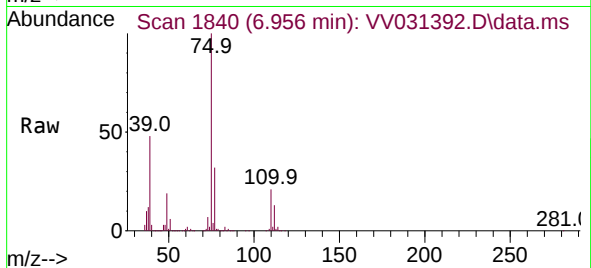
VSTD200231

Tgt Ion: 75 Resp: 825030

Ion Ratio Lower Upper

75 100

77 31.8 23.2 43.2



#40

4-Methyl-2-pentanone

Concen: 416.796 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VV031392.D

Acq: 07 Jun 2023 12:01

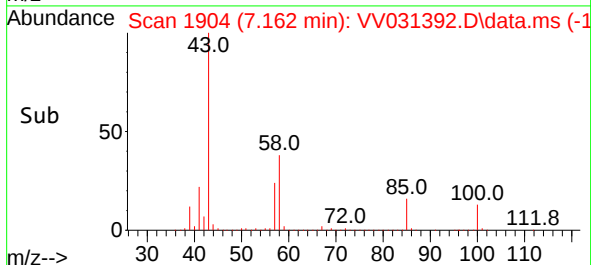
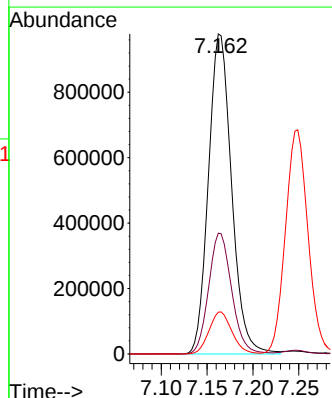
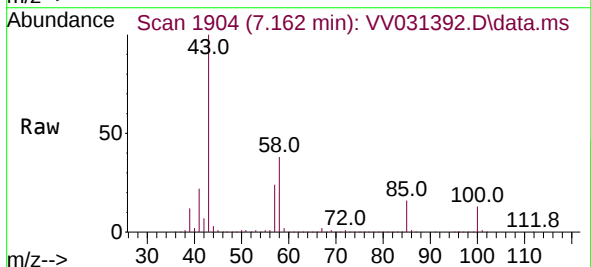
Tgt Ion: 43 Resp: 1717760

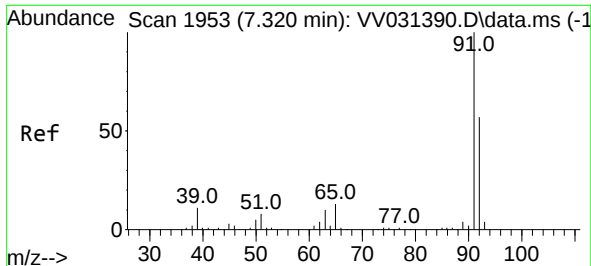
Ion Ratio Lower Upper

43 100

58 37.5 29.9 44.9

100 13.0 10.3 15.5

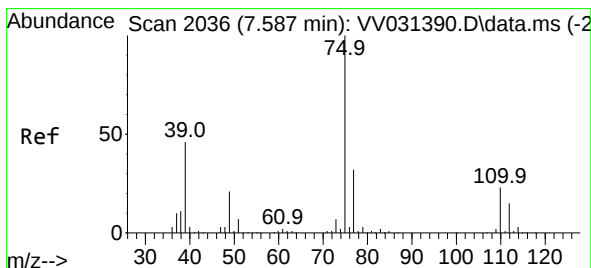
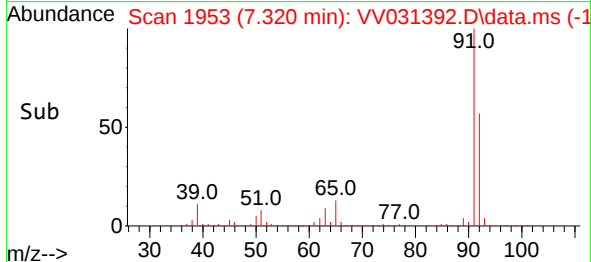
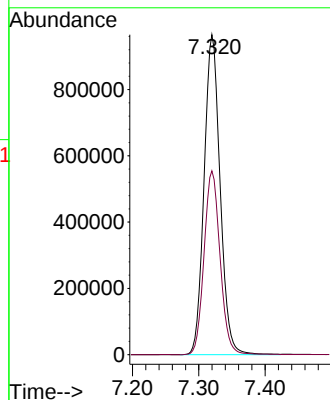
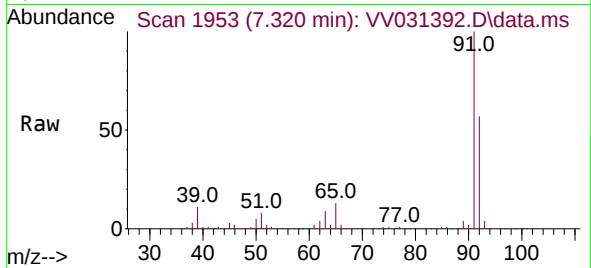




#42
Toluene
Concen: 205.301 ug/L
RT: 7.320 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VV031392.D
Acq: 07 Jun 2023 12:01

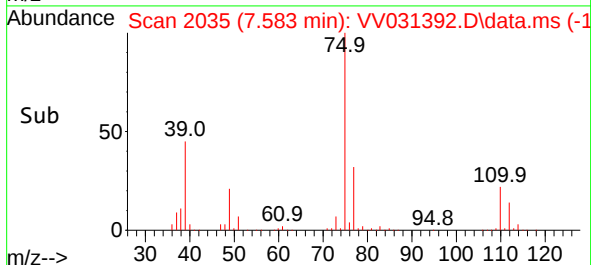
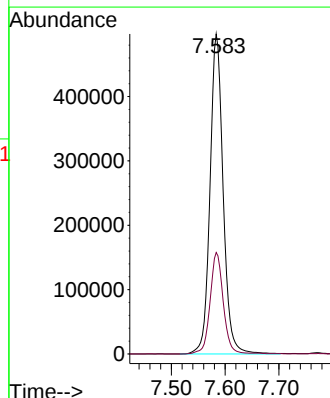
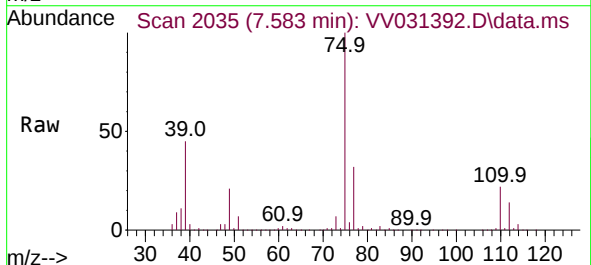
Instrument :
MSVOA_V
ClientSampleId :
VSTD200231

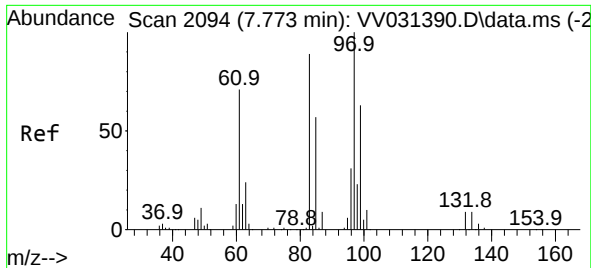
Tgt Ion: 91 Resp: 1619726
Ion Ratio Lower Upper
91 100
92 57.4 40.0 74.2



#44
trans-1,3-Dichloropropene
Concen: 219.764 ug/L
RT: 7.583 min Scan# 2035
Delta R.T. -0.003 min
Lab File: VV031392.D
Acq: 07 Jun 2023 12:01

Tgt Ion: 75 Resp: 844899
Ion Ratio Lower Upper
75 100
77 31.7 22.2 41.2

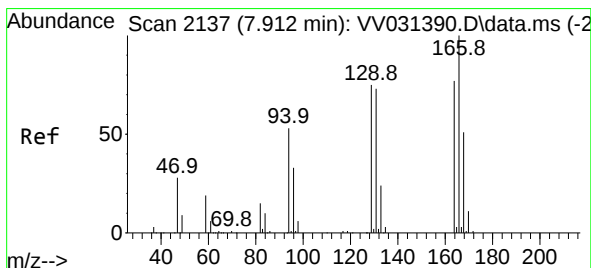
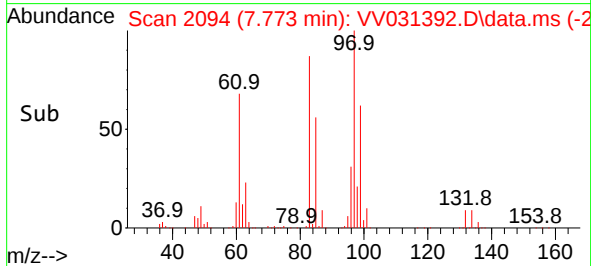
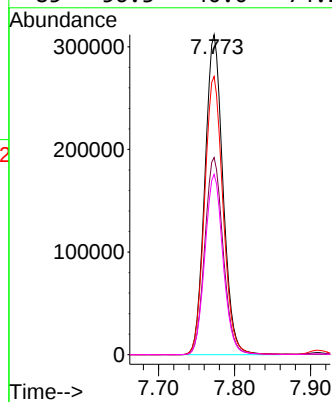
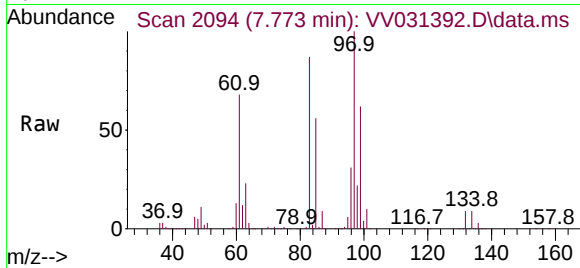




#45
1,1,2-Trichloroethane
Concen: 196.648 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. -0.000 min
Lab File: VV031392.D
Acq: 07 Jun 2023 12:01

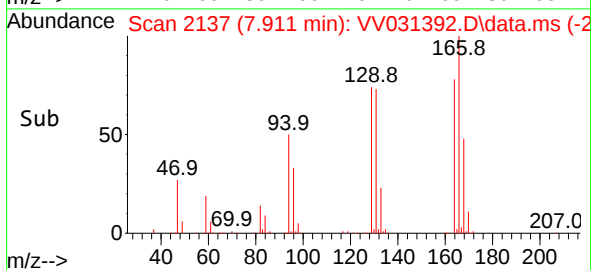
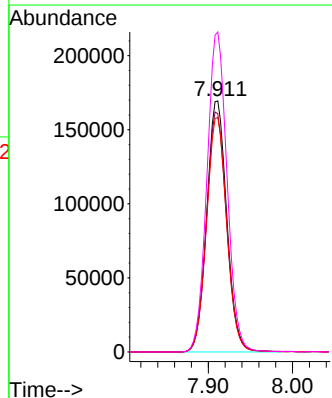
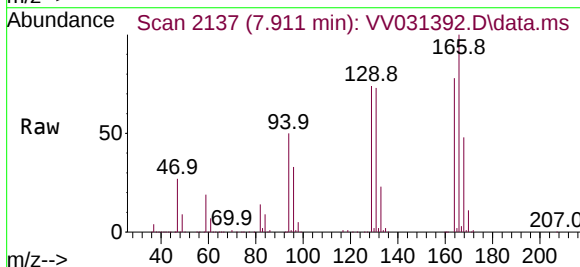
Instrument :
MSVOA_V
ClientSampleId :
VSTD200231

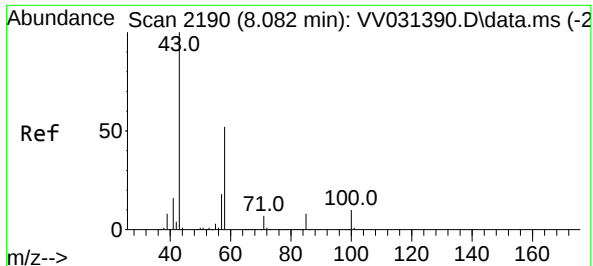
Tgt Ion:	97	Resp:	515690
Ion	Ratio	Lower	Upper
97	100		
99	61.6	43.8	81.4
83	86.9	61.9	115.1
85	56.3	40.0	74.2



#46
Tetrachloroethene
Concen: 195.172 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VV031392.D
Acq: 07 Jun 2023 12:01

Tgt Ion:	164	Resp:	281368
Ion	Ratio	Lower	Upper
164	100		
129	94.9	68.0	126.4
131	93.4	65.5	121.7
166	127.5	90.5	168.1



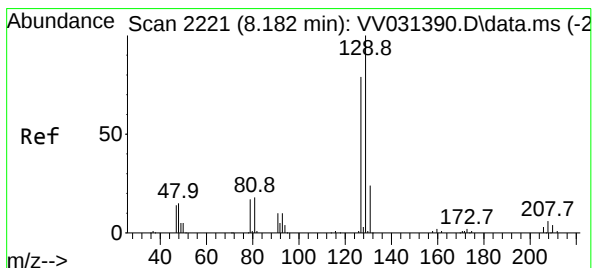
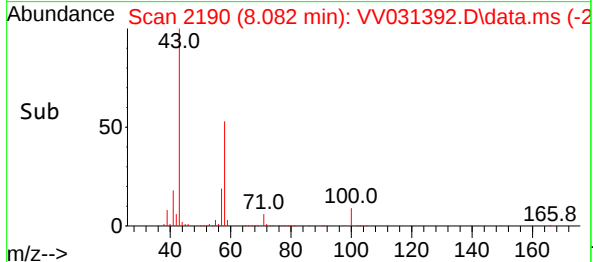
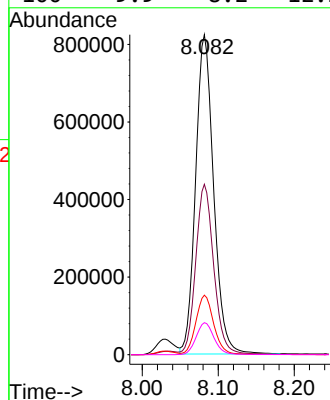
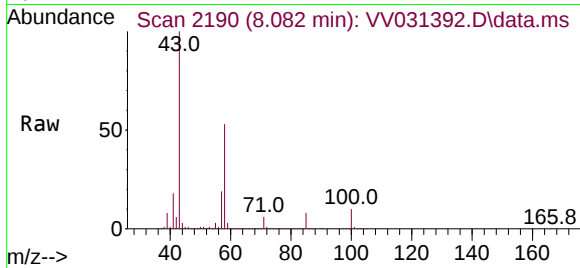


#48
2-Hexanone
Concen: 420.374 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. -0.000 min
Lab File: VV031392.D
Acq: 07 Jun 2023 12:01

Instrument :
MSVOA_V
ClientSampleId :
VSTD200231

Tgt Ion: 43 Resp: 1356110

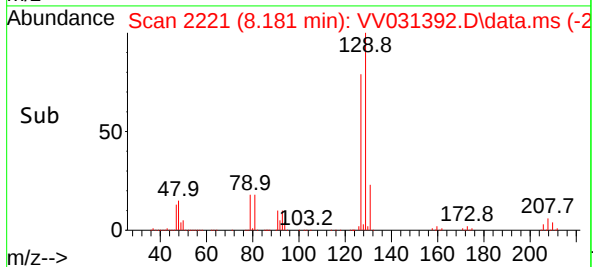
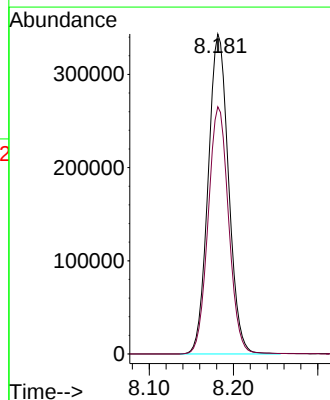
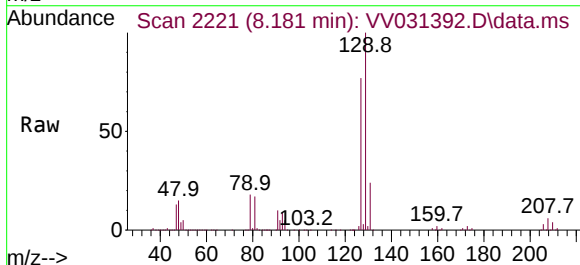
Ion	Ratio	Lower	Upper
43	100		
58	53.3	42.9	64.3
57	18.4	14.6	22.0
100	9.9	8.2	12.2

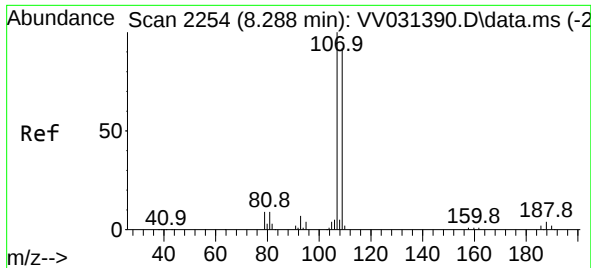


#49
Dibromochloromethane
Concen: 202.162 ug/L
RT: 8.181 min Scan# 2221
Delta R.T. -0.000 min
Lab File: VV031392.D
Acq: 07 Jun 2023 12:01

Tgt Ion: 129 Resp: 578311

Ion	Ratio	Lower	Upper
129	100		
127	77.3	55.5	103.1





#50

1,2-Dibromoethane

Concen: 195.466 ug/L

RT: 8.288 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV031392.D

Acq: 07 Jun 2023 12:01

Instrument :

MSVOA_V

ClientSampleId :

VSTD200231

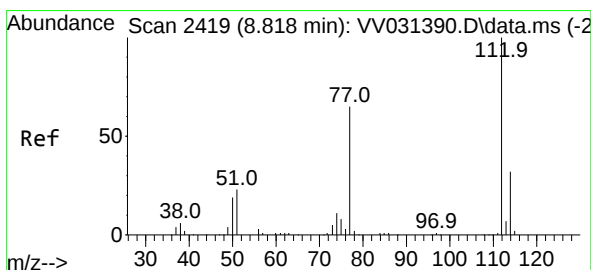
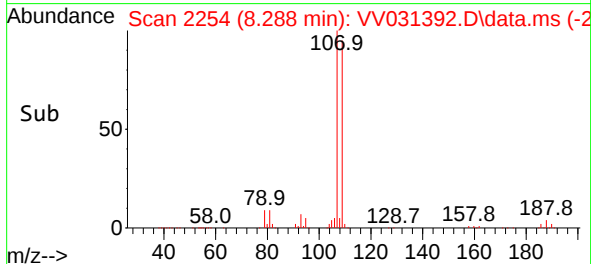
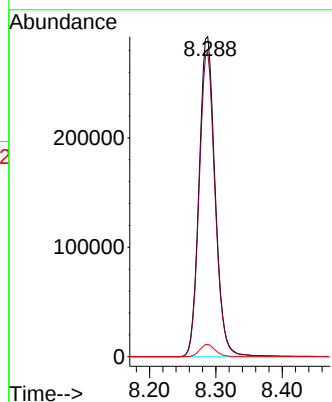
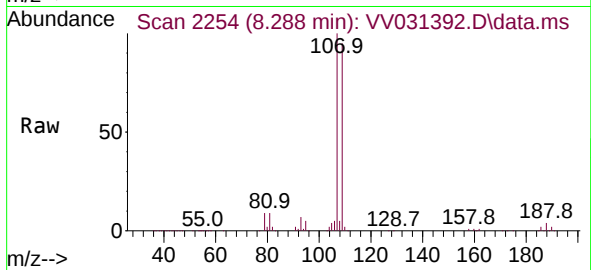
Tgt Ion:107 Resp: 493480

Ion Ratio Lower Upper

107 100

109 95.2 64.1 119.1

188 3.9 3.3 4.9



#51

Chlorobenzene

Concen: 195.798 ug/L

RT: 8.818 min Scan# 2419

Delta R.T. -0.000 min

Lab File: VV031392.D

Acq: 07 Jun 2023 12:01

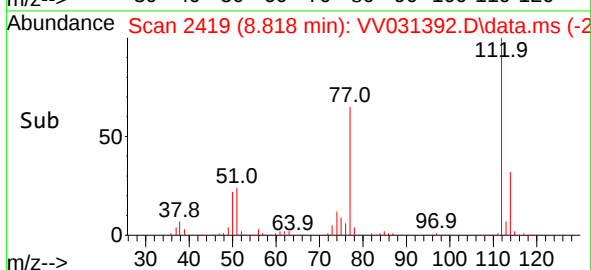
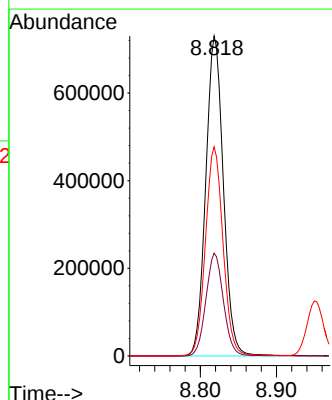
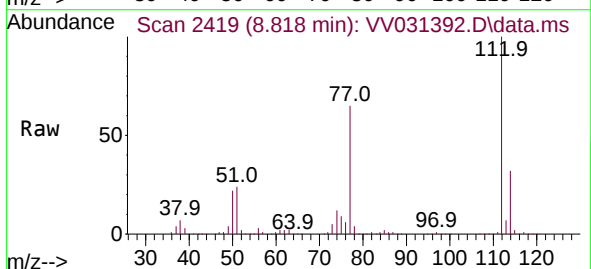
Tgt Ion:112 Resp: 1174561

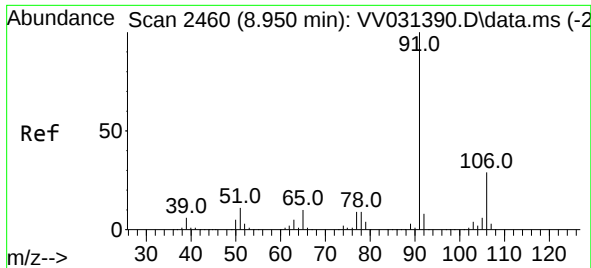
Ion Ratio Lower Upper

112 100

114 32.1 22.4 41.6

77 65.4 52.4 78.6

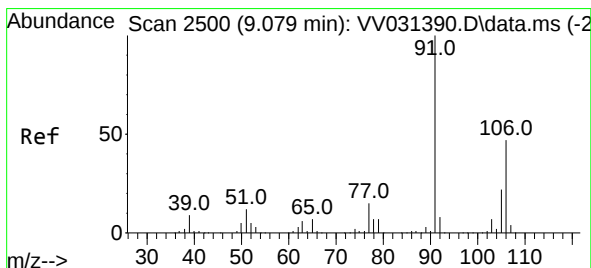
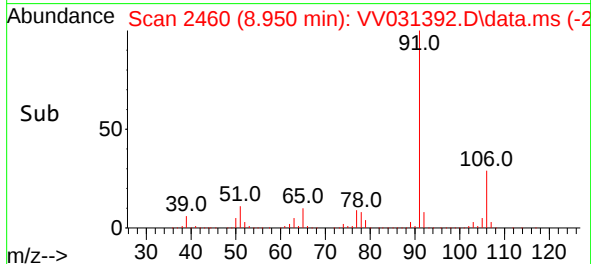
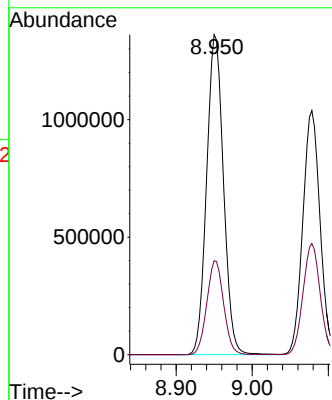
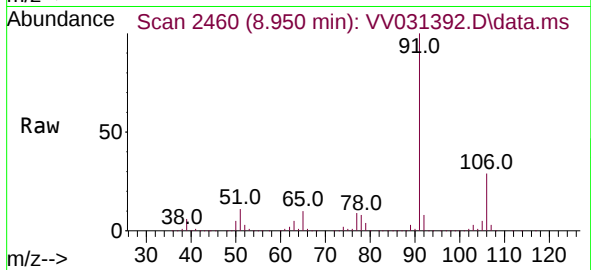




#52
Ethylbenzene
Concen: 213.413 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. -0.000 min
Lab File: VV031392.D
Acq: 07 Jun 2023 12:01

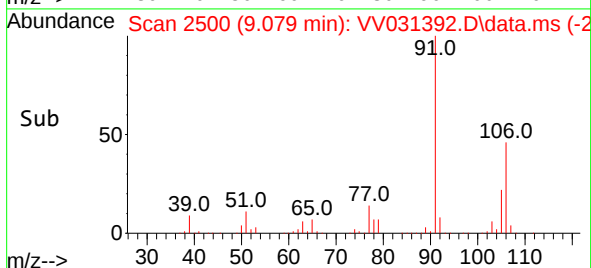
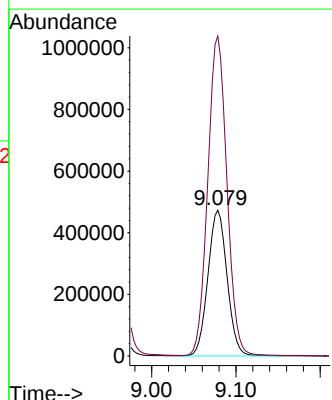
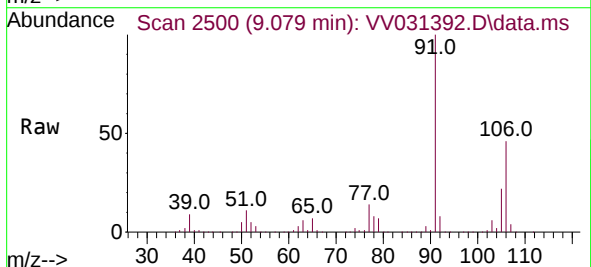
Instrument :
MSVOA_V
ClientSampleId :
VSTD200231

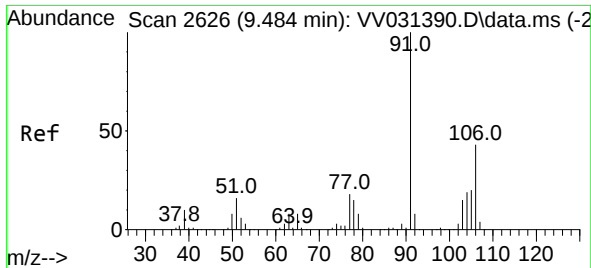
Tgt Ion: 91 Resp: 2095444
Ion Ratio Lower Upper
91 100
106 29.4 20.4 38.0



#53
m,p-Xylene
Concen: 211.215 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. -0.000 min
Lab File: VV031392.D
Acq: 07 Jun 2023 12:01

Tgt Ion:106 Resp: 747354
Ion Ratio Lower Upper
106 100
91 219.4 149.4 277.5

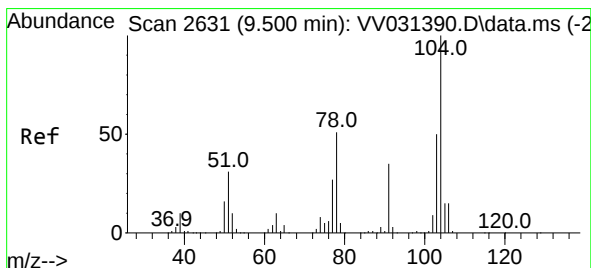
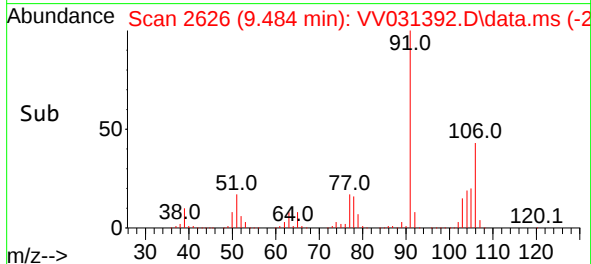
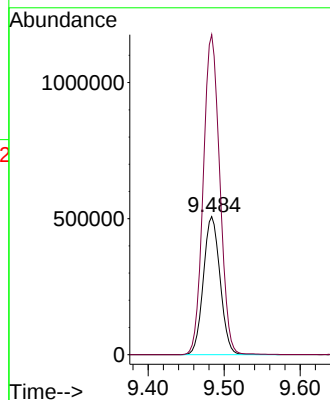
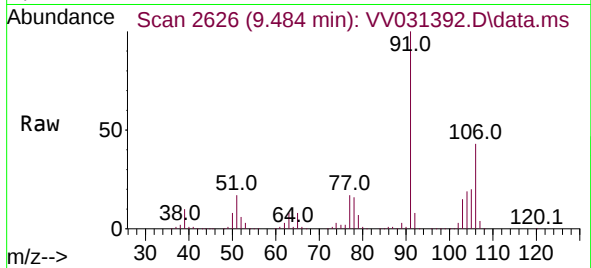




#54
o-Xylene
Concen: 217.321 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. -0.000 min
Lab File: VV031392.D
Acq: 07 Jun 2023 12:01

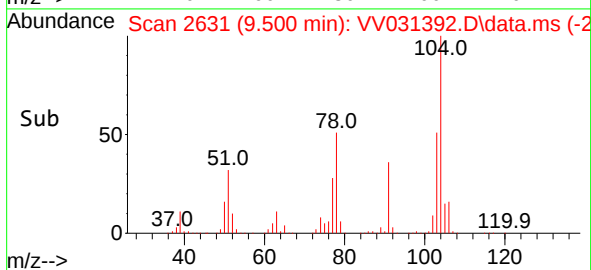
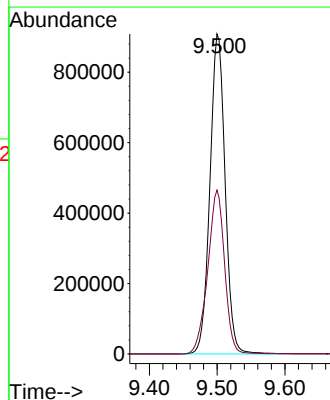
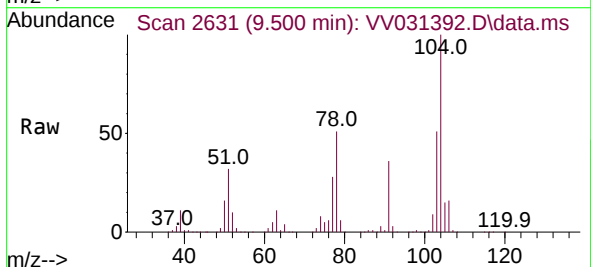
Instrument :
MSVOA_V
ClientSampleId :
VSTD200231

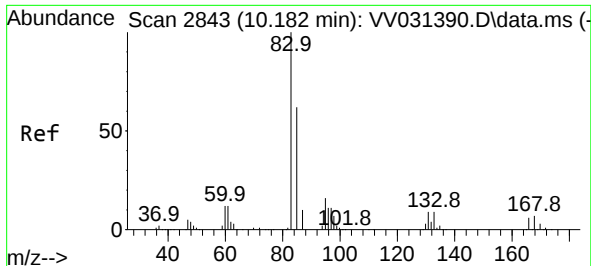
Tgt Ion:106 Resp: 775715
Ion Ratio Lower Upper
106 100
91 231.8 163.8 304.2



#55
Styrene
Concen: 217.823 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. -0.000 min
Lab File: VV031392.D
Acq: 07 Jun 2023 12:01

Tgt Ion:104 Resp: 1417500
Ion Ratio Lower Upper
104 100
78 51.2 35.9 66.7





#57

1,1,2,2-Tetrachloroethane

Concen: 205.157 ug/L

RT: 10.185 min Scan# 2843

Delta R.T. 0.003 min

Lab File: VV031392.D

Acq: 07 Jun 2023 12:01

Instrument :

MSVOA_V

ClientSampleId :

VSTD200231

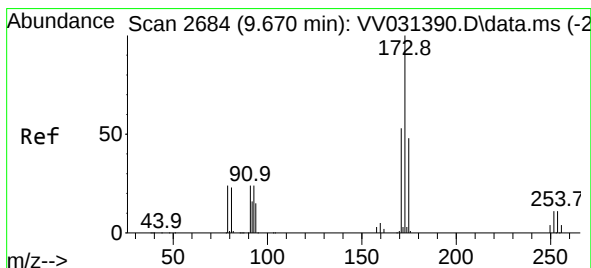
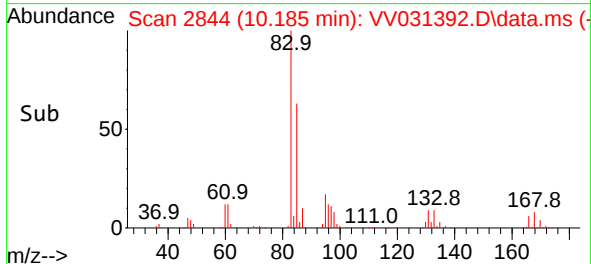
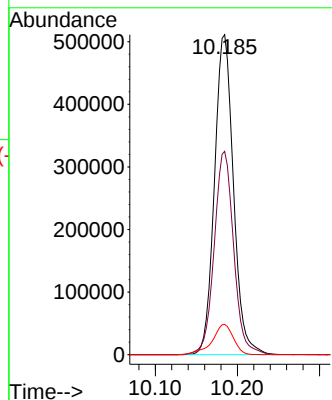
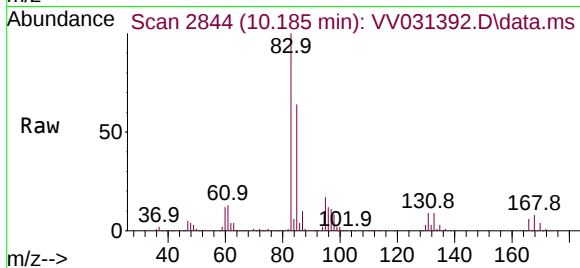
Tgt Ion: 83 Resp: 824710

Ion Ratio Lower Upper

83 100

85 63.5 43.7 81.1

131 9.5 7.3 10.9



#59

Bromoform

Concen: 195.435 ug/L

RT: 9.670 min Scan# 2684

Delta R.T. -0.000 min

Lab File: VV031392.D

Acq: 07 Jun 2023 12:01

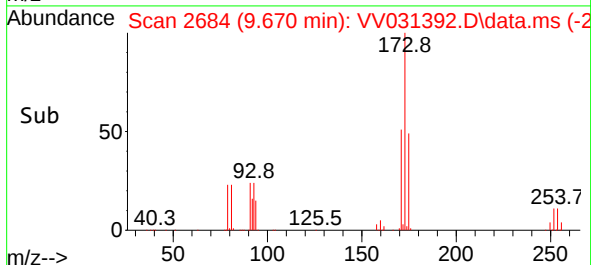
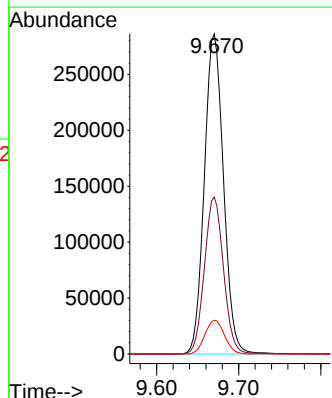
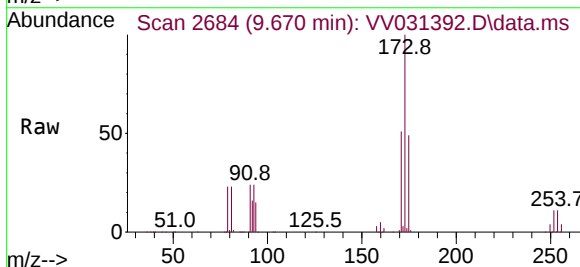
Tgt Ion: 173 Resp: 465589

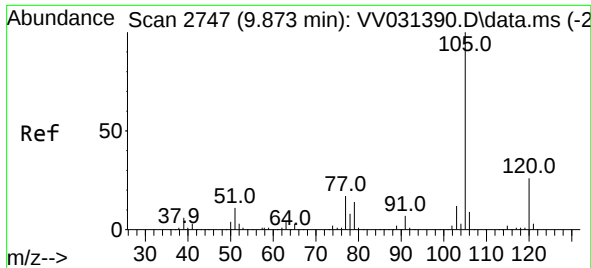
Ion Ratio Lower Upper

173 100

175 48.9 38.8 58.2

254 10.7 8.7 13.1

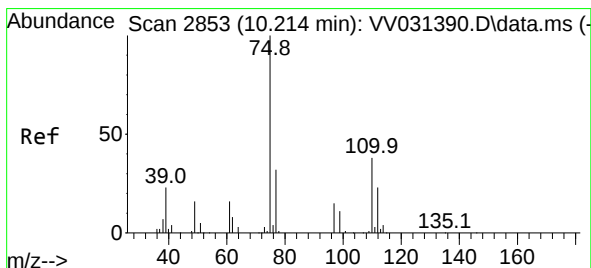
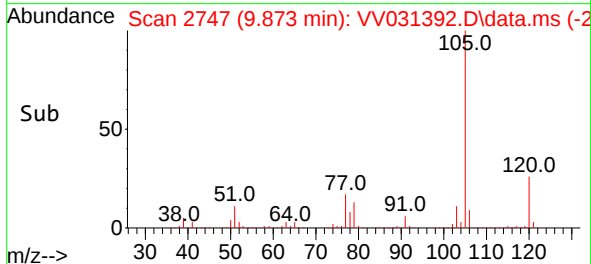
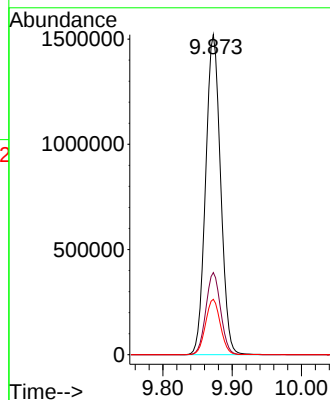
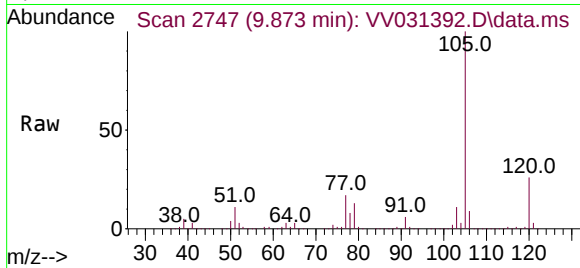




#60
Isopropylbenzene
Concen: 213.606 ug/L
RT: 9.873 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV031392.D
Acq: 07 Jun 2023 12:01

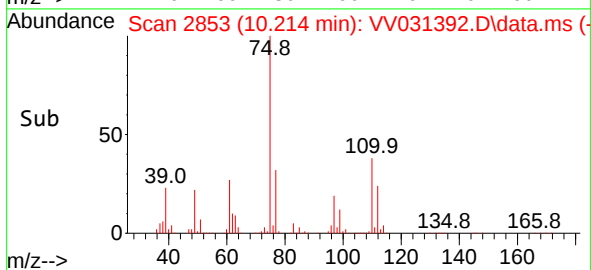
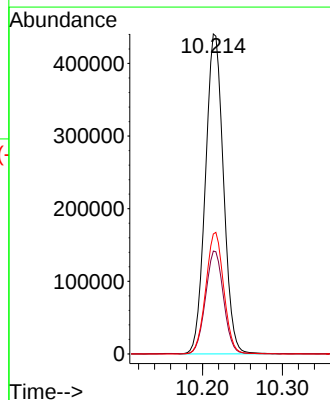
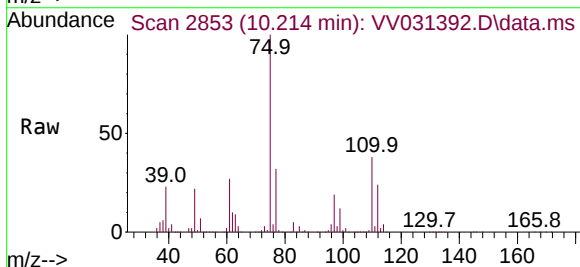
Instrument :
MSVOA_V
ClientSampleId :
VSTD200231

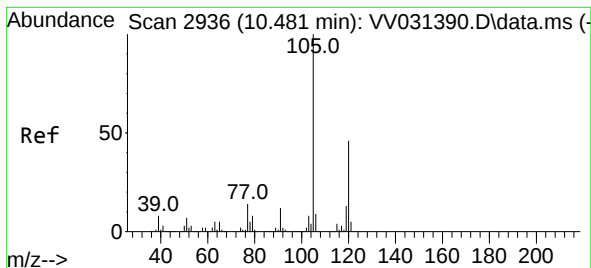
Tgt Ion:105 Resp: 2269398
Ion Ratio Lower Upper
105 100
120 25.4 20.6 30.8
77 17.2 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 184.090 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. -0.000 min
Lab File: VV031392.D
Acq: 07 Jun 2023 12:01

Tgt Ion: 75 Resp: 692876
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4
110 37.8 29.5 44.3





#62

1,3,5-Trimethylbenzene

Concen: 220.060 ug/L

RT: 10.480 min Scan# 2936

Delta R.T. -0.000 min

Lab File: VV031392.D

Acq: 07 Jun 2023 12:01

Instrument :

MSVOA_V

ClientSampleId :

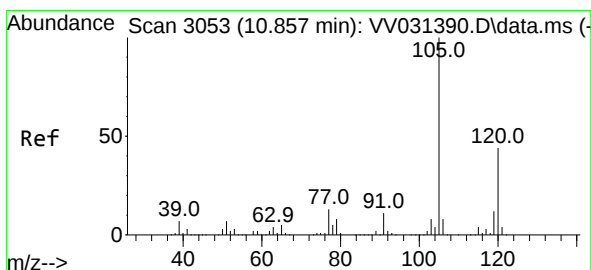
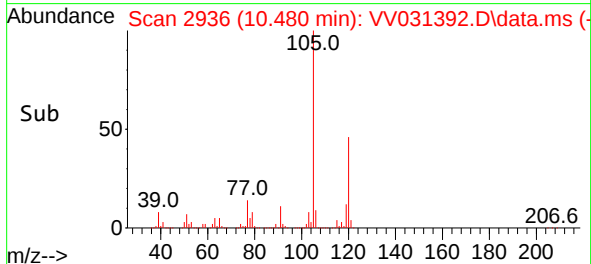
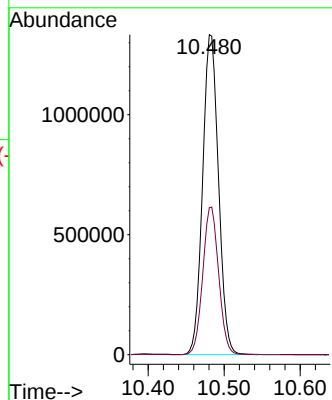
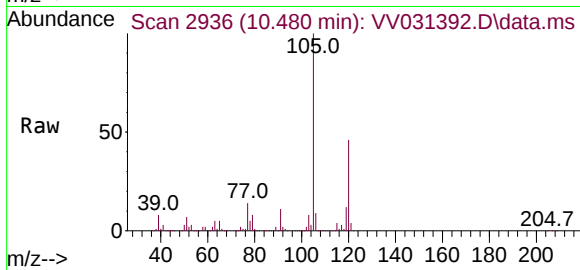
VSTD200231

Tgt Ion:105 Resp: 1930850

Ion Ratio Lower Upper

105 100

120 46.2 36.8 55.2



#63

1,2,4-Trimethylbenzene

Concen: 222.512 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. -0.000 min

Lab File: VV031392.D

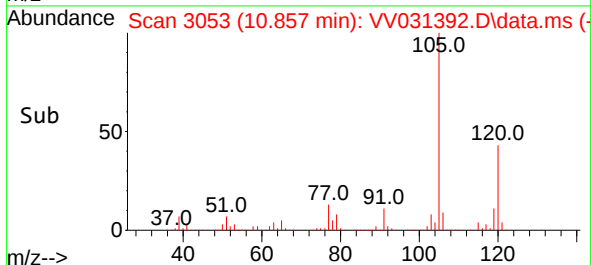
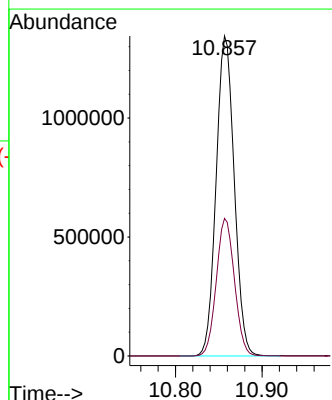
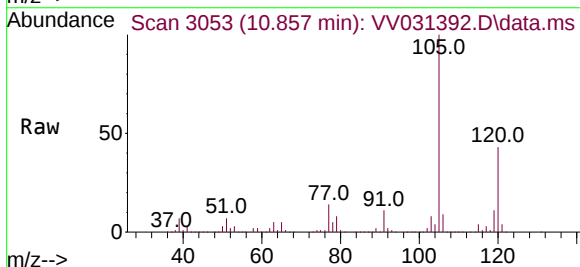
Acq: 07 Jun 2023 12:01

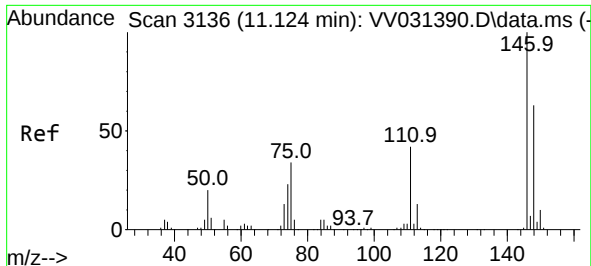
Tgt Ion:105 Resp: 1954236

Ion Ratio Lower Upper

105 100

120 43.1 35.0 52.4

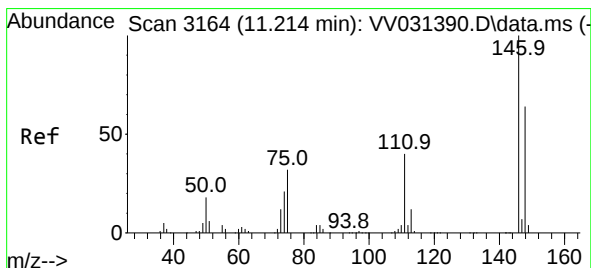
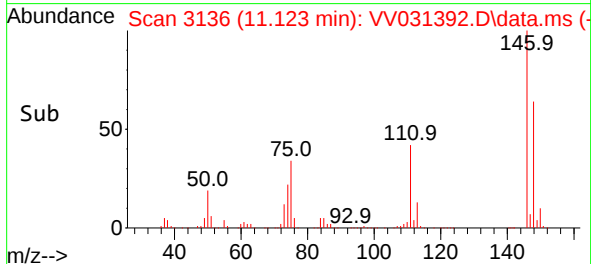
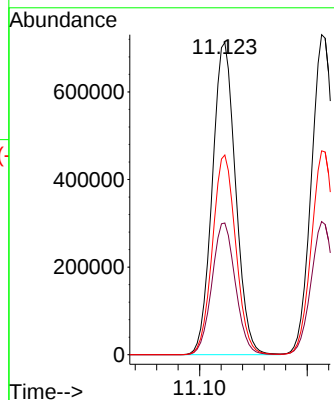
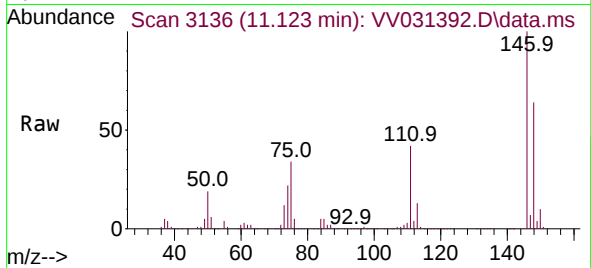




#64
 1,3-Dichlorobenzene
 Concen: 197.352 ug/L
 RT: 11.123 min Scan# 3136
 Delta R.T. -0.000 min
 Lab File: VV031392.D
 Acq: 07 Jun 2023 12:01

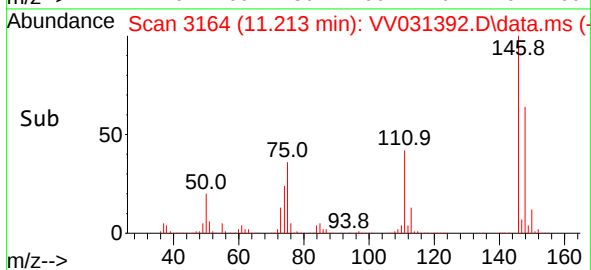
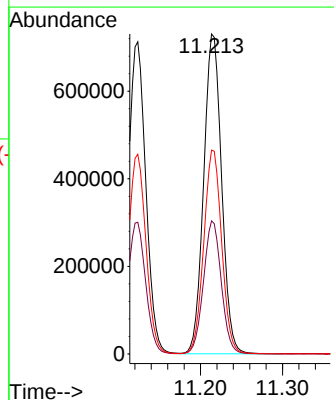
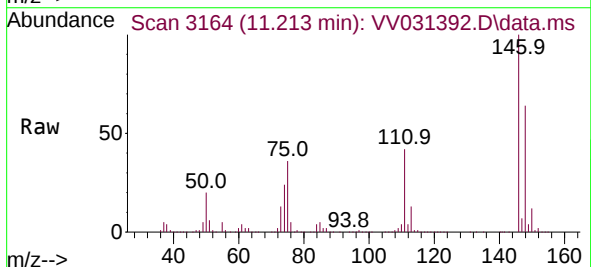
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200231

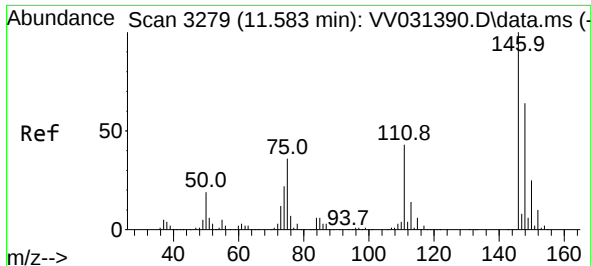
Tgt Ion:146 Resp: 1073212
 Ion Ratio Lower Upper
 146 100
 111 42.2 29.3 54.5
 148 64.0 44.3 82.3



#65
 1,4-Dichlorobenzene
 Concen: 192.511 ug/L
 RT: 11.213 min Scan# 3164
 Delta R.T. -0.000 min
 Lab File: VV031392.D
 Acq: 07 Jun 2023 12:01

Tgt Ion:146 Resp: 1107311
 Ion Ratio Lower Upper
 146 100
 111 41.6 28.1 52.3
 148 63.7 45.1 83.7

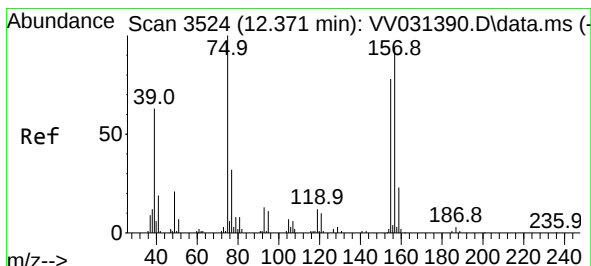
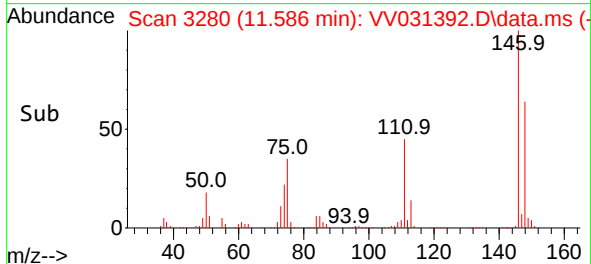
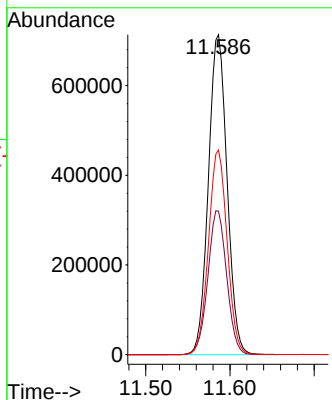
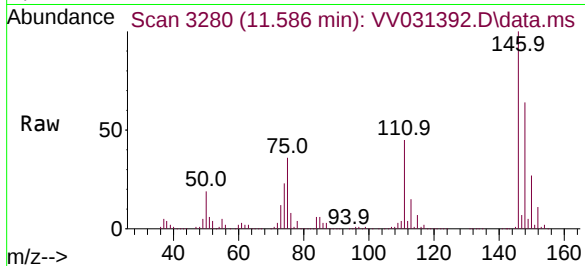




#67
1,2-Dichlorobenzene
Concen: 197.144 ug/L
RT: 11.586 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV031392.D
Acq: 07 Jun 2023 12:01

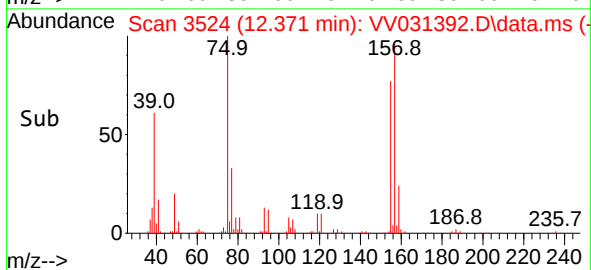
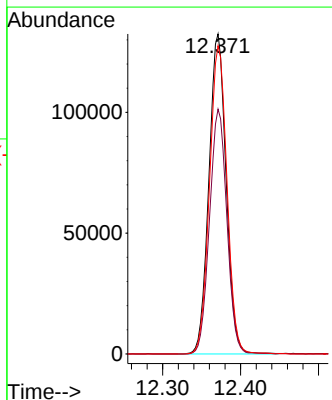
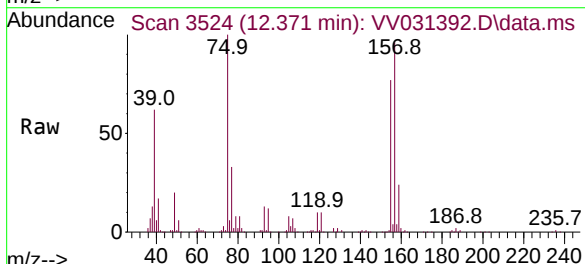
Instrument :
MSVOA_V
ClientSampleId :
VSTD200231

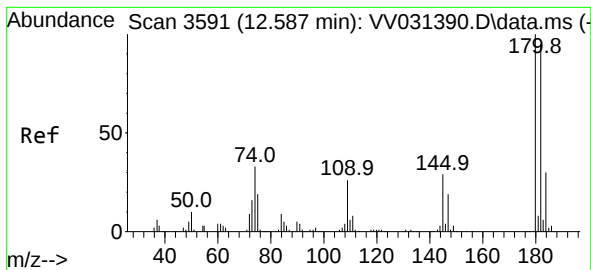
Tgt Ion:146 Resp: 1099009
Ion Ratio Lower Upper
146 100
111 44.9 34.5 51.7
148 64.0 51.5 77.3



#68
1,2-Dibromo-3-chloropropane
Concen: 203.997 ug/L
RT: 12.371 min Scan# 3524
Delta R.T. -0.000 min
Lab File: VV031392.D
Acq: 07 Jun 2023 12:01

Tgt Ion: 75 Resp: 203512
Ion Ratio Lower Upper
75 100
155 76.5 62.1 93.1
157 96.3 74.9 112.3

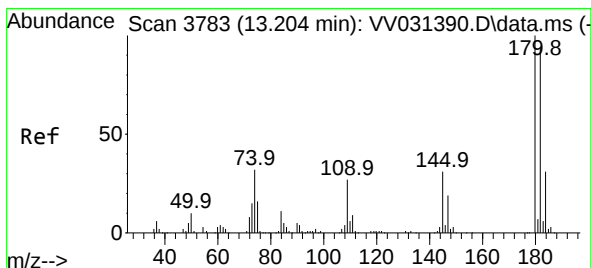
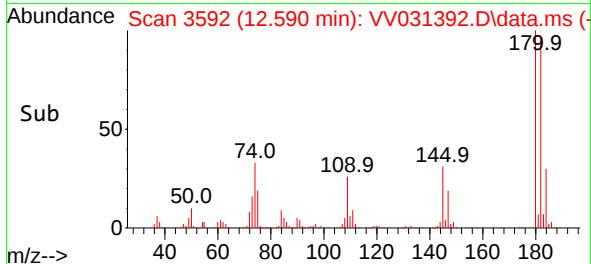
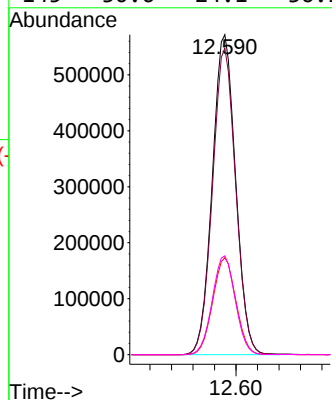
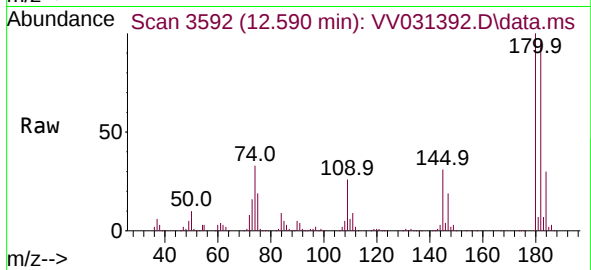




#69
1,3,5-Trichlorobenzene
Concen: 205.059 ug/L
RT: 12.590 min Scan# 3592
Delta R.T. 0.003 min
Lab File: VV031392.D
Acq: 07 Jun 2023 12:01

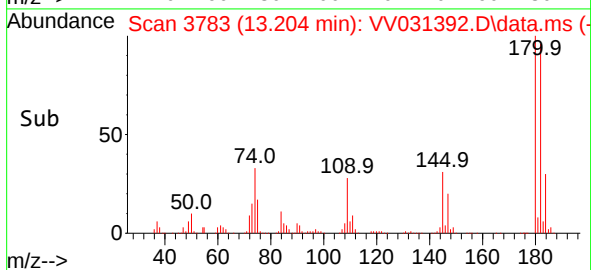
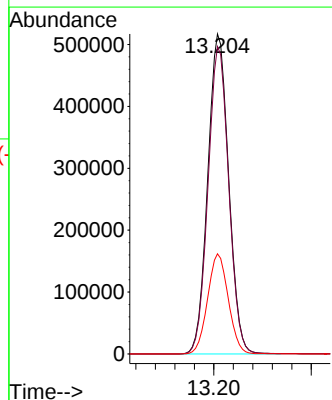
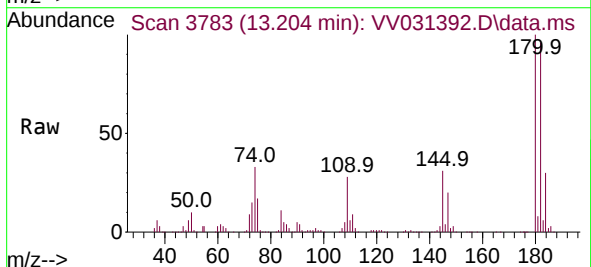
Instrument :
MSVOA_V
ClientSampleId :
VSTD200231

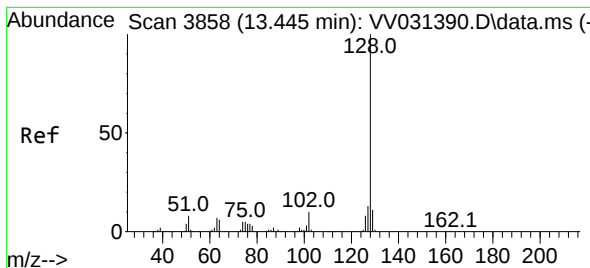
Tgt Ion:180 Resp: 858522
Ion Ratio Lower Upper
180 100
182 95.4 75.7 113.5
184 30.2 23.9 35.9
145 30.6 24.1 36.1



#70
1,2,4-trichlorobenzene
Concen: 215.636 ug/L
RT: 13.204 min Scan# 3783
Delta R.T. -0.000 min
Lab File: VV031392.D
Acq: 07 Jun 2023 12:01

Tgt Ion:180 Resp: 770201
Ion Ratio Lower Upper
180 100
182 95.2 77.0 115.6
145 31.0 24.2 36.2





#71

Naphthalene

Concen: 223.588 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. -0.000 min

Lab File: VV031392.D

Acq: 07 Jun 2023 12:01

Instrument :

MSVOA_V

ClientSampleId :

VSTD200231

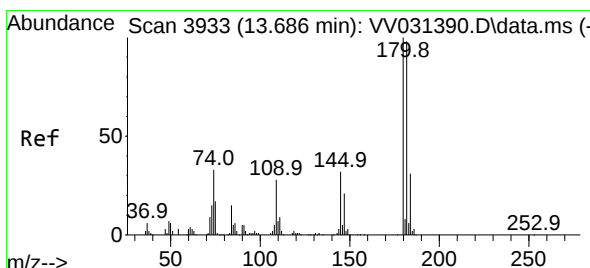
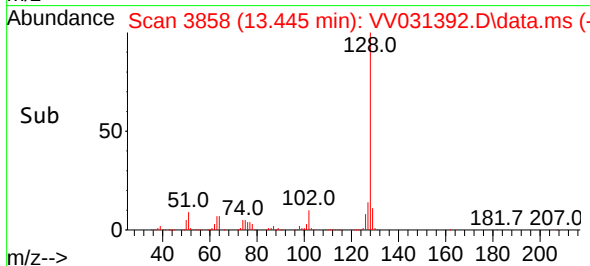
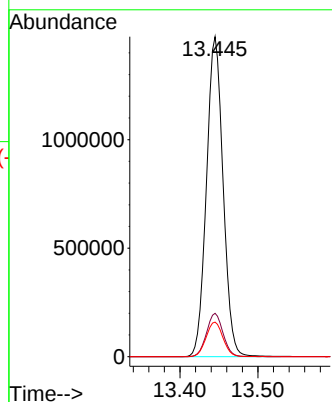
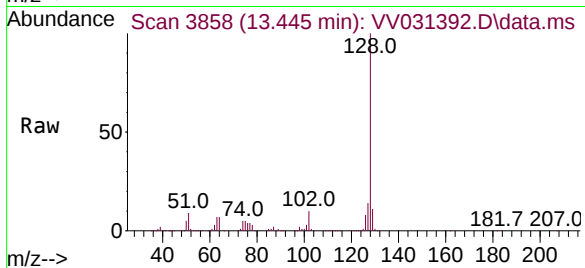
Tgt Ion:128 Resp: 2188852

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

129 11.0 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 209.012 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. -0.000 min

Lab File: VV031392.D

Acq: 07 Jun 2023 12:01

Tgt Ion:180 Resp: 748287

Ion Ratio Lower Upper

180 100

182 96.0 77.4 116.2

145 33.3 25.6 38.4

