

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032323\
 Data File : VW030299.D
 Acq On : 23 Mar 2023 09:45
 Operator : SY/MD
 Sample : VSTD0.528
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5228

Quant Time: Mar 24 02:21:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 24 02:21:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	126187	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	122859	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	62428	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	4772	0.571	ug/L	0.00
7) Chloroethane-d5	1.535	69	4895	0.604	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.066	63	9959	0.502	ug/L	0.00
20) 2-Butanone-d5	3.870	46	2592	1.262	ug/L	0.03
24) Chloroform-d	4.259	84	10575	0.523	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.957	65	5055	0.530	ug/L	0.00
32) Benzene-d6	4.973	84	17166	0.496	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.998	67	5393	0.498	ug/L	0.00
41) Toluene-d8	7.255	98	14934	0.470	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.567	79	2031	0.498	ug/L	0.00
46) 2-Hexanone-d5	8.050	63	6741	4.111	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.165	84	4309	0.504	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.570	152	6145	0.551	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	7179	0.448	ug/L	96
3) Chloromethane	1.217	50	10417	0.515	ug/L	98
5) Vinyl chloride	1.285	62	7244	0.491	ug/L	95
6) Bromomethane	1.490	94	2363	0.561	ug/L	90
8) Chloroethane	1.552	64	4126	0.488	ug/L	99
9) Trichlorofluoromethane	1.716	101	9804	0.456	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	5889	0.496	ug/L	89
12) 1,1-Dichloroethene	2.072	96	4709	0.447	ug/L	98
13) Acetone	2.175	43	4232	2.137	ug/L	86
14) Carbon disulfide	2.243	76	15318	0.441	ug/L	97
15) Methyl Acetate	2.400	43	766	0.225	ug/L #	68
16) Methylene chloride	2.452	84	6484	0.520	ug/L	90
17) Methyl tert-butyl Ether	2.716	73	9366	0.419	ug/L	95
18) trans-1,2-Dichloroethene	2.696	96	5346	0.481	ug/L	84
19) 1,1-Dichloroethane	3.117	63	9875	0.459	ug/L	92
21) 2-Butanone	3.905	43	321	0.129	ug/L	82
22) cis-1,2-Dichloroethene	3.831	96	4741	0.425	ug/L	91
23) Bromochloromethane	4.166	128	2556	0.491	ug/L	94
25) Chloroform	4.288	83	9741	0.448	ug/L	93
27) 1,2-Dichloroethane	5.056	62	6092	0.463	ug/L	100
29) 1,1,1-Trichloroethane	4.523	97	8958	0.454	ug/L	93
30) Cyclohexane	4.590	56	7063	0.393	ug/L #	94
31) Carbon tetrachloride	4.741	117	8145	0.455	ug/L	100
33) Benzene	5.021	78	17664	0.405	ug/L	100
34) Trichloroethene	5.847	95	5219	0.443	ug/L	98
35) Methylcyclohexane	6.056	83	7129	0.386	ug/L #	89
37) 1,2-Dichloropropane	6.104	63	4330	0.387	ug/L #	90
38) Bromodichloromethane	6.445	83	6696	0.456	ug/L #	94
39) cis-1,3-Dichloropropene	6.969	75	6184	0.393	ug/L	95
40) 4-Methyl-2-pentanone	7.175	43	21868	3.704	ug/L	98
42) Toluene	7.326	91	17078	0.367	ug/L	87
44) trans-1,3-Dichloropropene	7.596	75	5579	0.416	ug/L	91

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

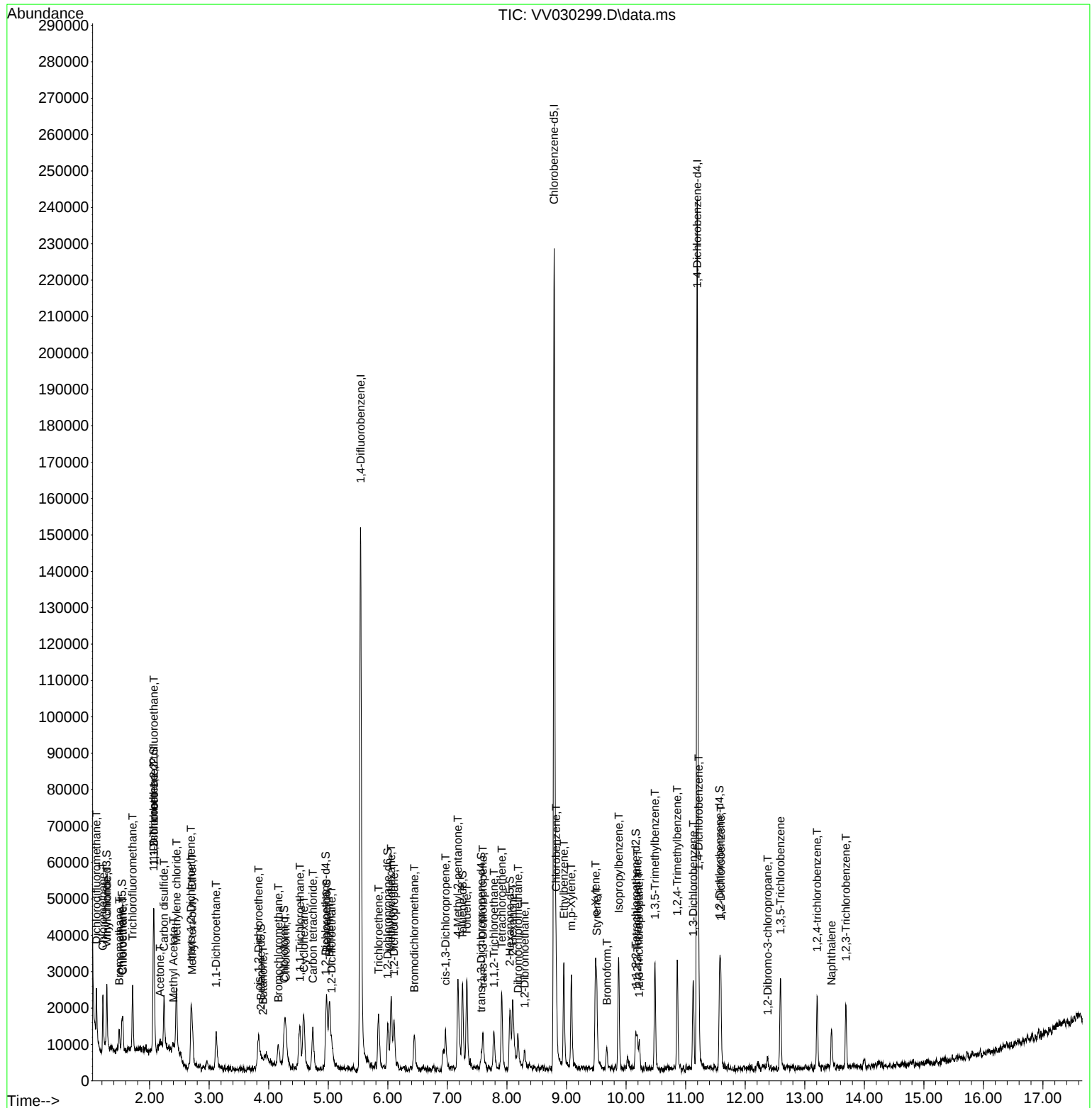
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47) Tetrachloroethene	7.911	164	4863	0.468	ug/L	94
48) 2-Hexanone	8.095	43	14423	3.260	ug/L #	98
49) Dibromochloromethane	8.188	129	4312	0.459	ug/L	89
50) 1,2-Dibromoethane	8.297	107	3025	0.422	ug/L #	95
51) Chlorobenzene	8.825	112	12363	0.415	ug/L	93
52) Ethylbenzene	8.956	91	19615	0.386	ug/L	93
53) m,p-Xylene	9.082	106	7342	0.377	ug/L	92
54) o-Xylene	9.487	106	7140	0.383	ug/L	88
55) Styrene	9.509	104	11446	0.362	ug/L	91
57) 1,1,2,2-Tetrachloroethane	10.191	83	4249	0.454	ug/L	98
59) Bromoform	9.680	173	2520	0.499	ug/L	99
60) Isopropylbenzene	9.876	105	18691	0.406	ug/L	99
61) 1,2,3-Trichloropropane	10.220	75	2600	0.466	ug/L	93
62) 1,3,5-Trimethylbenzene	10.484	105	14824	0.395	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	14466	0.378	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	10082	0.439	ug/L	99
65) 1,4-Dichlorobenzene	11.220	146	10004	0.433	ug/L	95
67) 1,2-Dichlorobenzene	11.590	146	9007	0.435	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.377	75	780	0.562	ug/L #	81
69) 1,3,5-Trichlorobenzene	12.593	180	7118	0.403	ug/L	96
70) 1,2,4-trichlorobenzene	13.207	180	5356	0.392	ug/L #	91
71) Naphthalene	13.451	128	7899	0.405	ug/L	99
72) 1,2,3-Trichlorobenzene	13.693	180	4767	0.403	ug/L	99

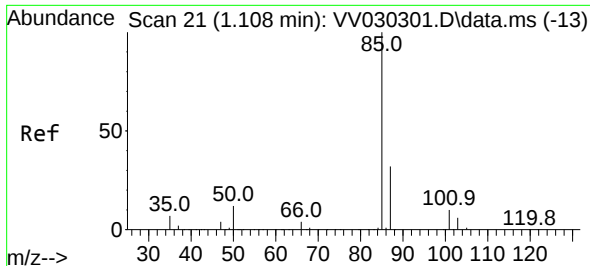
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MSVOA_V
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QLast Update : Fri Mar 24 02:21:21 2023
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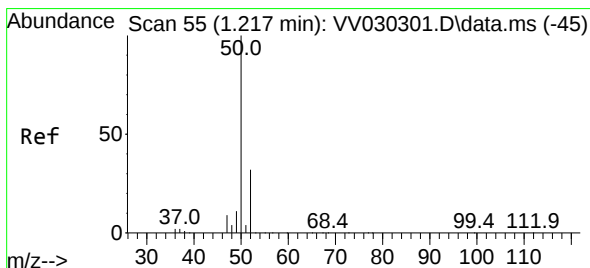
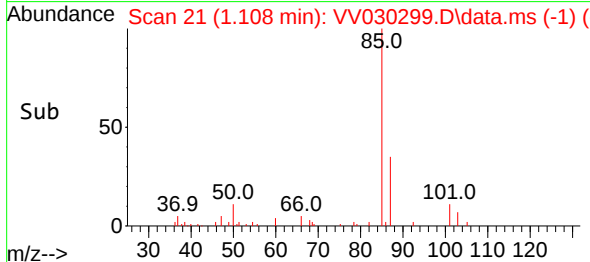
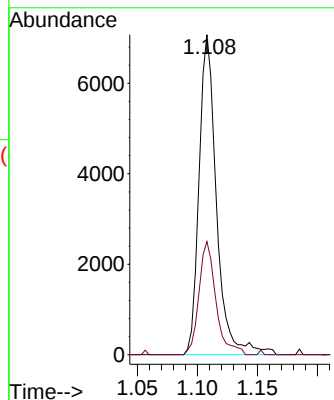
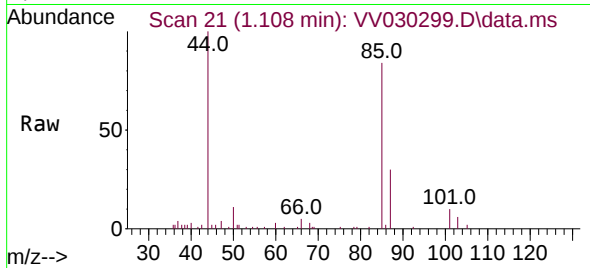




#2
 Dichlorodifluoromethane
 Concen: 0.448 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV030299.D
 Acq: 23 Mar 2023 09:45

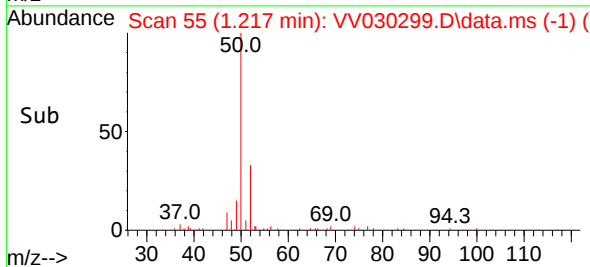
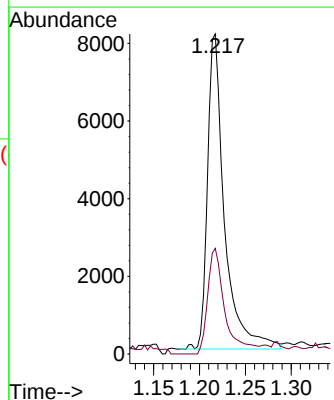
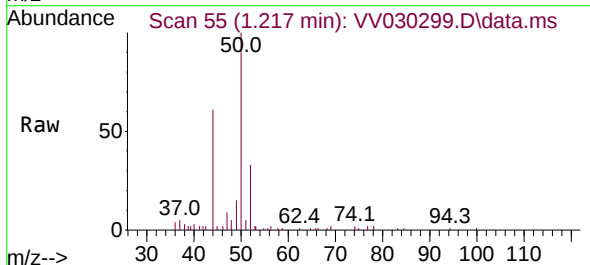
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 ClientSampleId :
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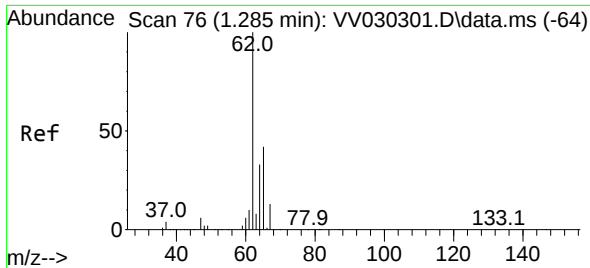
Tgt Ion: 85 Resp: 7179
 Ion Ratio Lower Upper
 85 100
 87 34.4 25.6 38.4



#3
 Chloromethane
 Concen: 0.515 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV030299.D
 Acq: 23 Mar 2023 09:45

Tgt Ion: 50 Resp: 10417
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.3 41.5

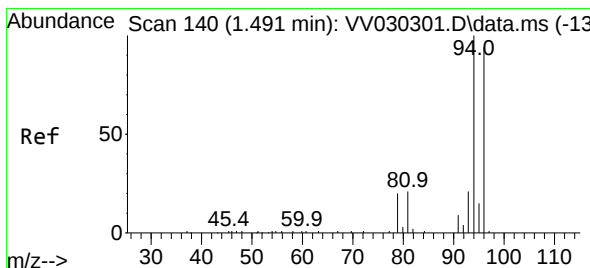
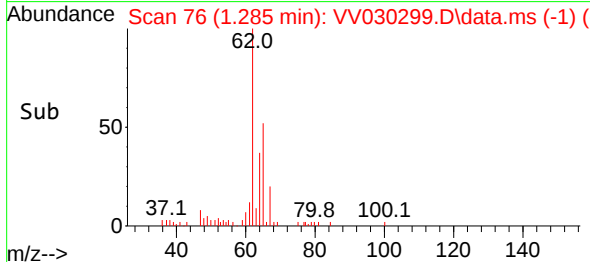
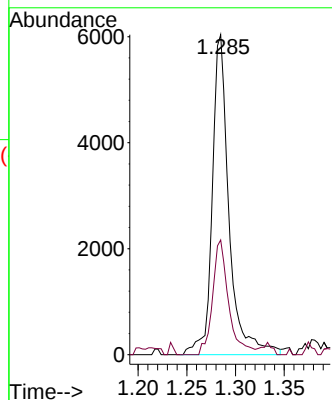
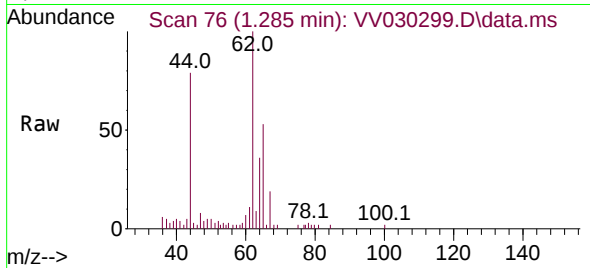




#5
 Vinyl chloride
 Concen: 0.491 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV030299.D
 Acq: 23 Mar 2023 09:45

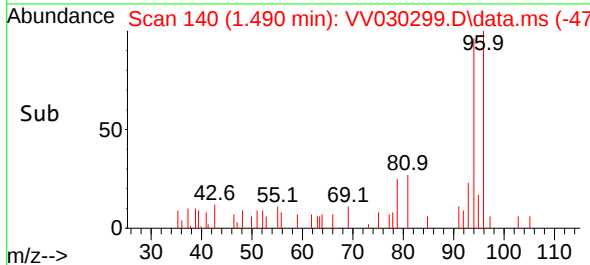
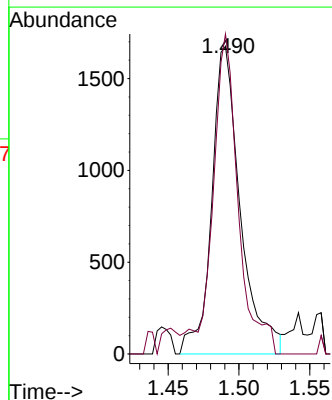
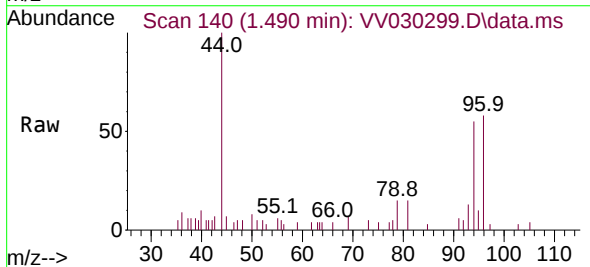
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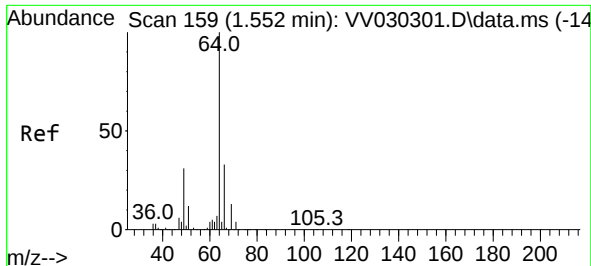
Tgt Ion: 62 Resp: 7244
 Ion Ratio Lower Upper
 62 100
 64 35.8 23.2 43.2



#6
 Bromomethane
 Concen: 0.561 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. -0.000 min
 Lab File: VV030299.D
 Acq: 23 Mar 2023 09:45

Tgt Ion: 94 Resp: 2363
 Ion Ratio Lower Upper
 94 100
 96 104.0 66.1 122.7

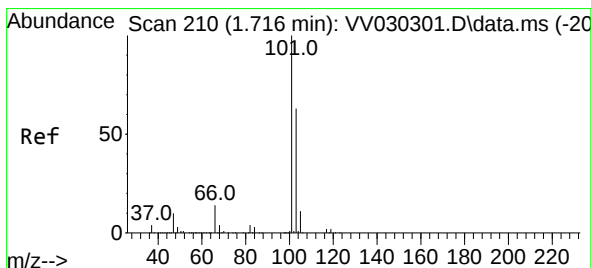
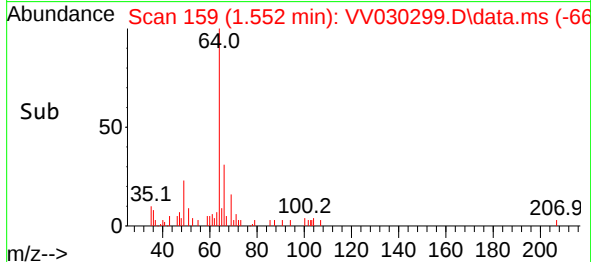
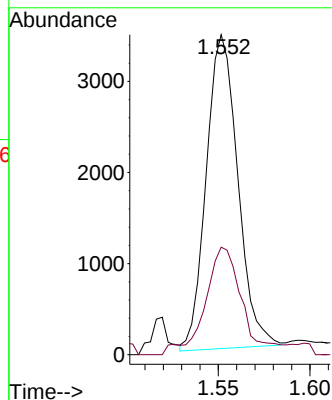
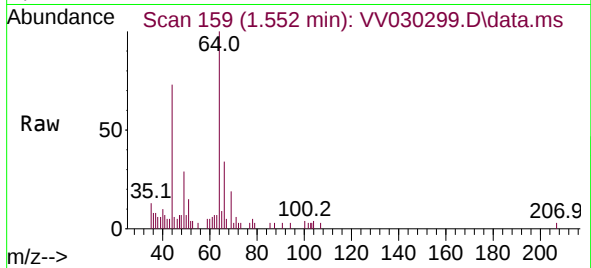




#8
Chloroethane
Concen: 0.488 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV030299.D
Acq: 23 Mar 2023 09:45

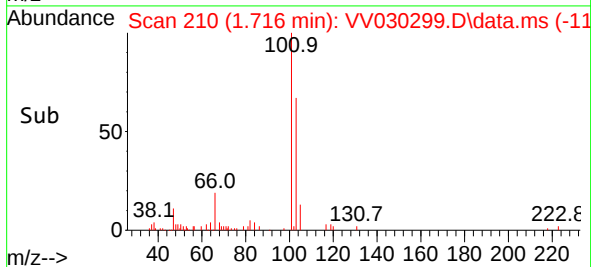
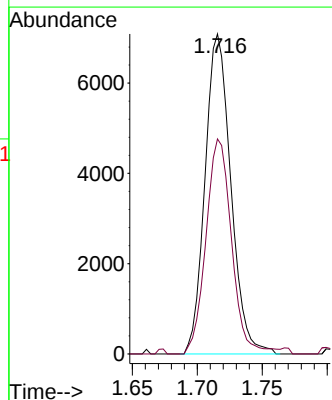
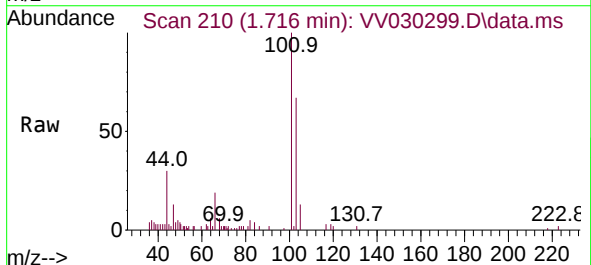
Instrument :
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ClientSampleId :
VSTD0.5228

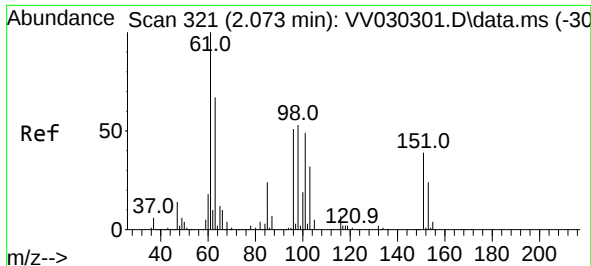
Tgt Ion: 64 Resp: 4126
Ion Ratio Lower Upper
64 100
66 33.6 23.0 42.8



#9
Trichlorofluoromethane
Concen: 0.456 ug/L
RT: 1.716 min Scan# 210
Delta R.T. -0.000 min
Lab File: VV030299.D
Acq: 23 Mar 2023 09:45

Tgt Ion:101 Resp: 9804
Ion Ratio Lower Upper
101 100
103 66.8 51.0 76.6

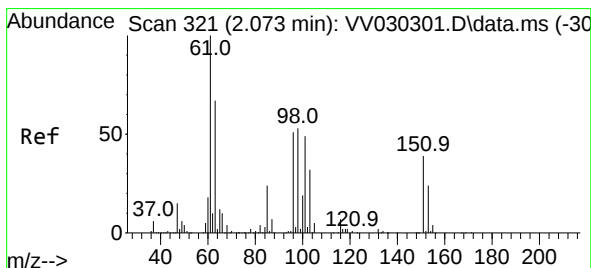
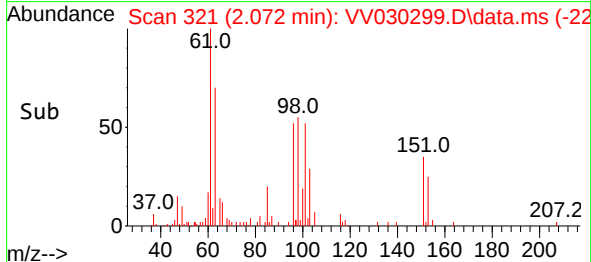
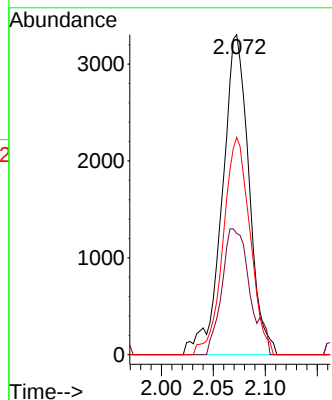
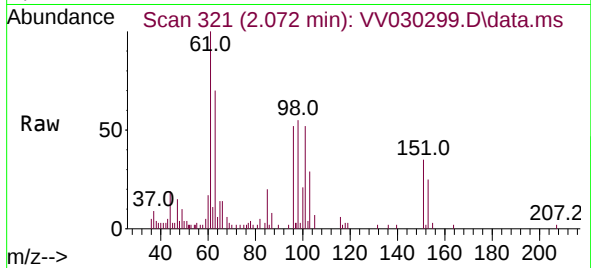




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.496 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. -0.000 min
 Lab File: VV030299.D
 Acq: 23 Mar 2023 09:45

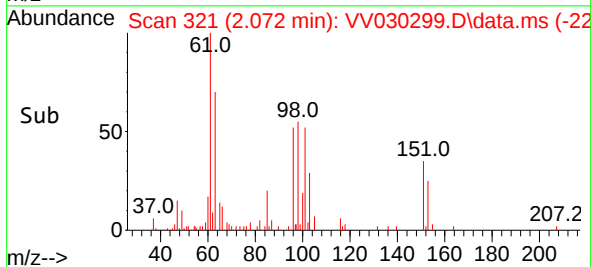
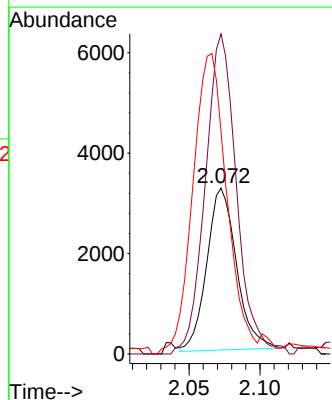
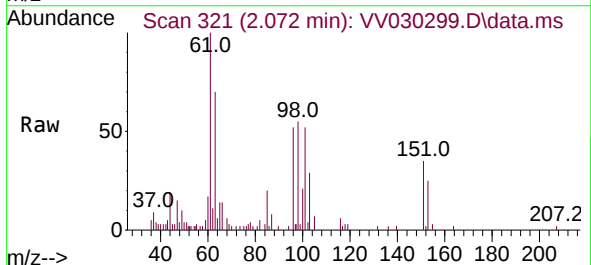
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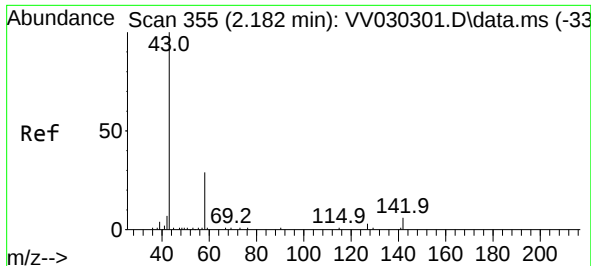
Tgt Ion:101 Resp: 5889
 Ion Ratio Lower Upper
 101 100
 85 41.6 38.1 57.1
 151 68.4 62.7 94.1



#12
 1,1-Dichloroethene
 Concen: 0.447 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. -0.000 min
 Lab File: VV030299.D
 Acq: 23 Mar 2023 09:45

Tgt Ion: 96 Resp: 4709
 Ion Ratio Lower Upper
 96 100
 61 193.1 136.3 253.1
 63 134.4 92.1 171.1





#13

Acetone

Concen: 2.137 ug/L

RT: 2.175 min Scan# 3

Delta R.T. -0.007 min

Lab File: VV030299.D

Acq: 23 Mar 2023 09:45

Instrument :

MSVOA_V

ClientSampleId :

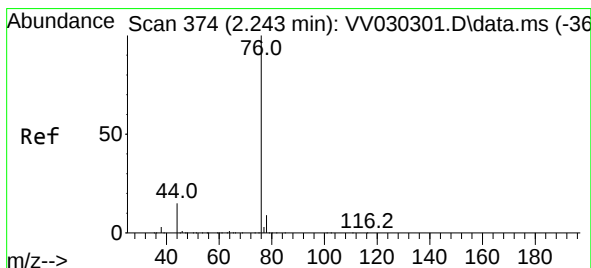
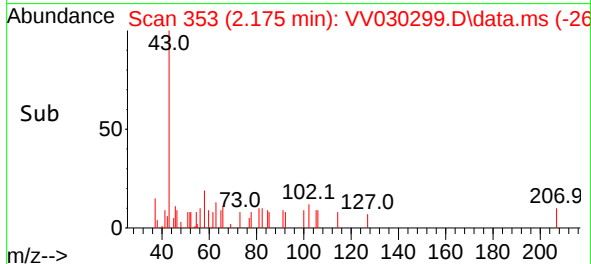
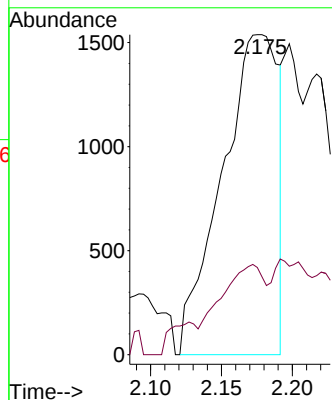
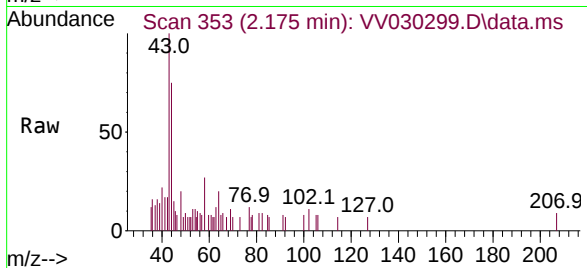
VSTD0.5228

Tgt Ion: 43 Resp: 4232

Ion Ratio Lower Upper

43 100

58 13.9 0.0 40.8



#14

Carbon disulfide

Concen: 0.441 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.000 min

Lab File: VV030299.D

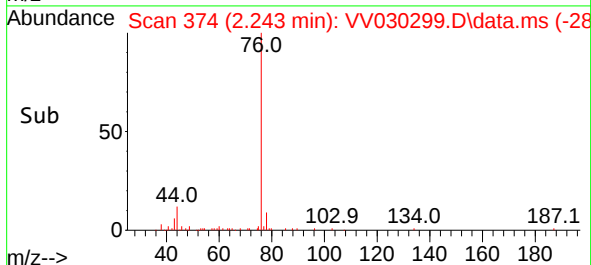
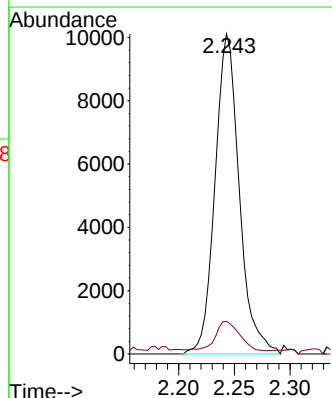
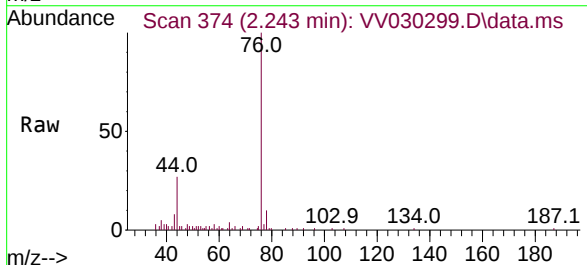
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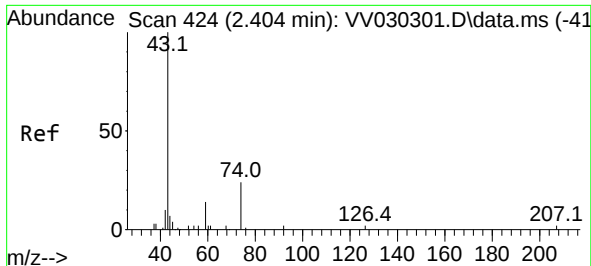
Tgt Ion: 76 Resp: 15318

Ion Ratio Lower Upper

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78 10.2 7.3 10.9

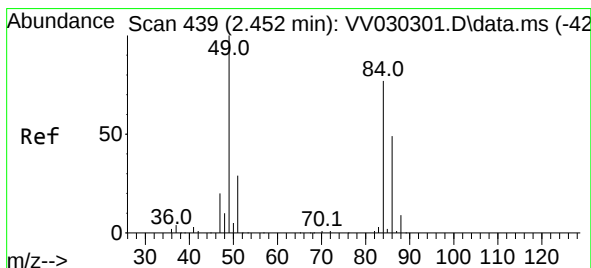
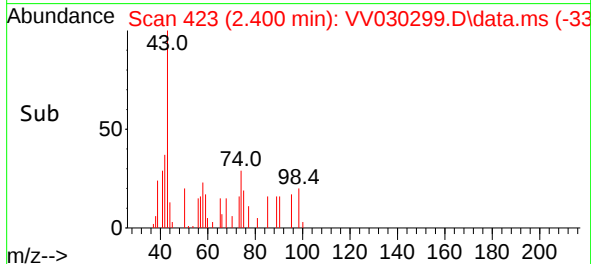
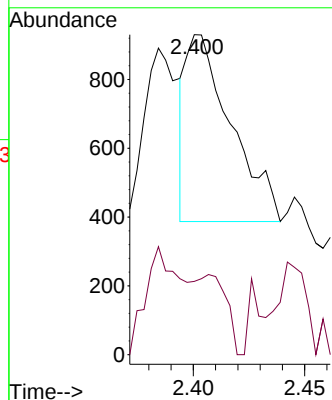
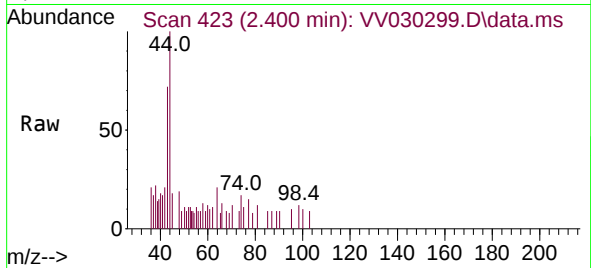




#15
Methyl Acetate
Concen: 0.225 ug/L
RT: 2.400 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV030299.D
Acq: 23 Mar 2023 09:45

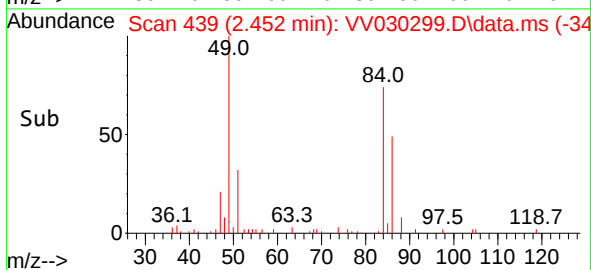
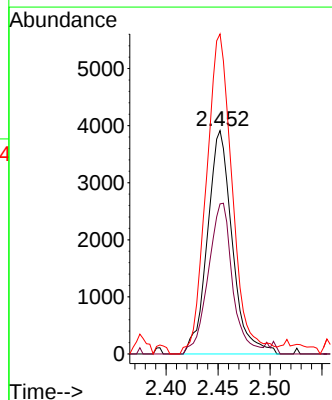
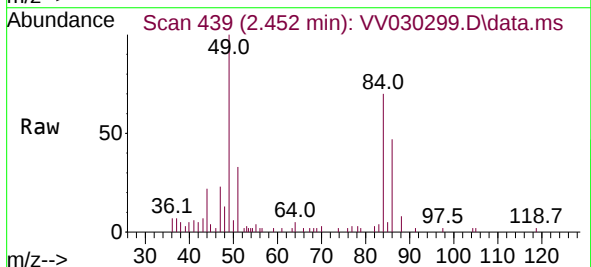
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5228

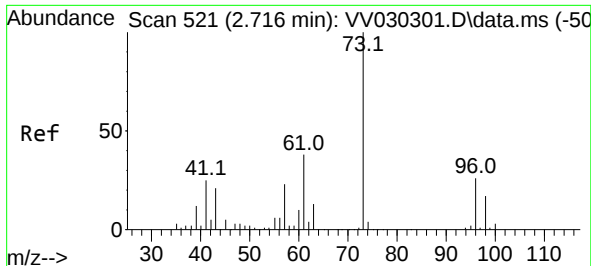
Tgt Ion: 43 Resp: 766
Ion Ratio Lower Upper
43 100
74 11.1 22.1 33.1#



#16
Methylene chloride
Concen: 0.520 ug/L
RT: 2.452 min Scan# 439
Delta R.T. -0.000 min
Lab File: VV030299.D
Acq: 23 Mar 2023 09:45

Tgt Ion: 84 Resp: 6484
Ion Ratio Lower Upper
84 100
86 67.2 44.0 81.6
49 143.3 90.6 168.3





#17

Methyl tert-butyl Ether

Concen: 0.419 ug/L

RT: 2.716 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV030299.D

Acq: 23 Mar 2023 09:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5228

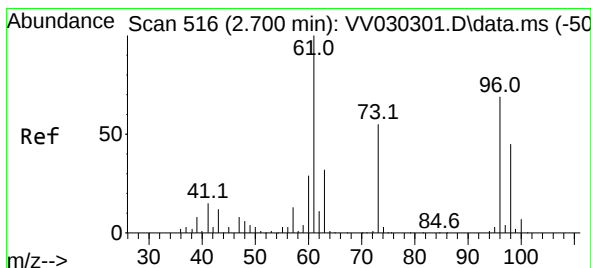
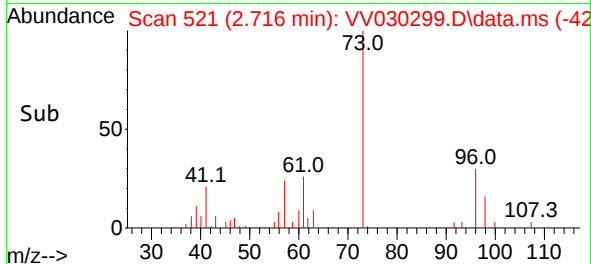
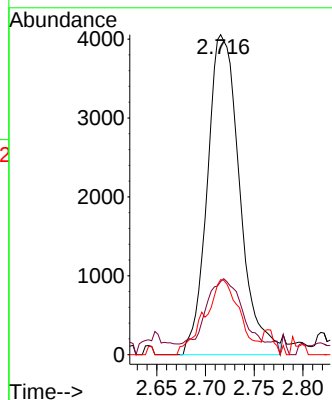
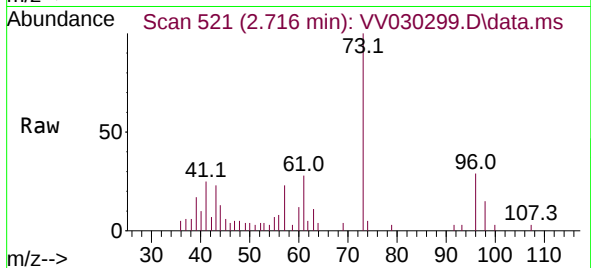
Tgt Ion: 73 Resp: 9366

Ion Ratio Lower Upper

73 100

43 24.7 17.4 26.2

57 25.2 18.3 27.5



#18

trans-1,2-Dichloroethene

Concen: 0.481 ug/L

RT: 2.696 min Scan# 515

Delta R.T. -0.003 min

Lab File: VV030299.D

Acq: 23 Mar 2023 09:45

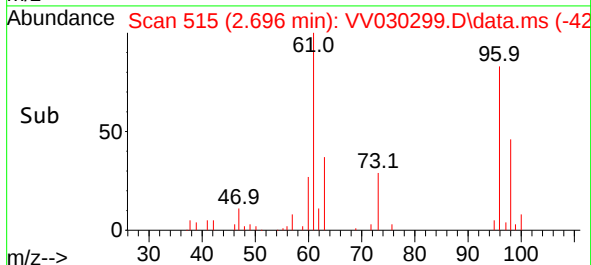
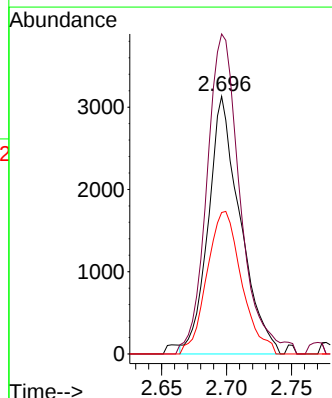
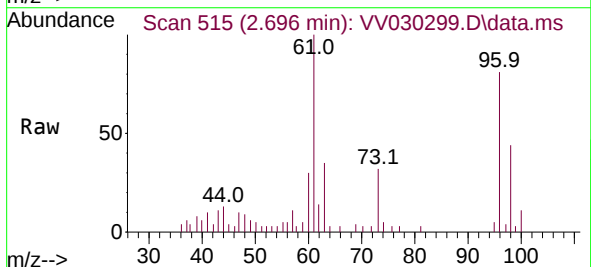
Tgt Ion: 96 Resp: 5346

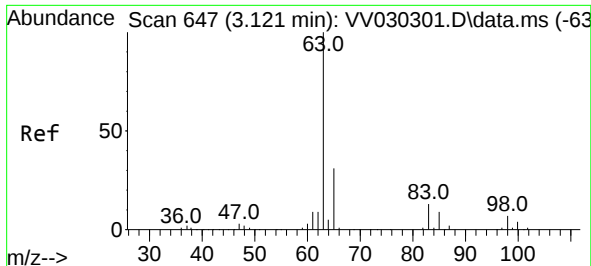
Ion Ratio Lower Upper

96 100

61 124.2 101.7 188.9

98 54.9 45.8 85.2

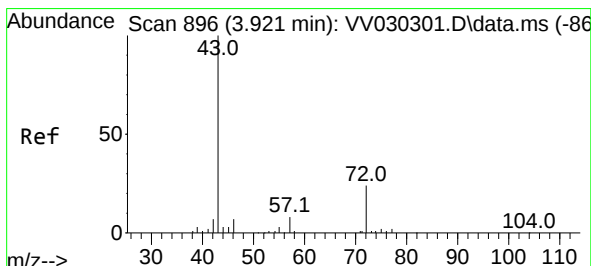
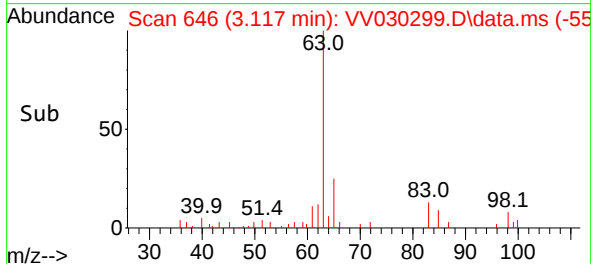
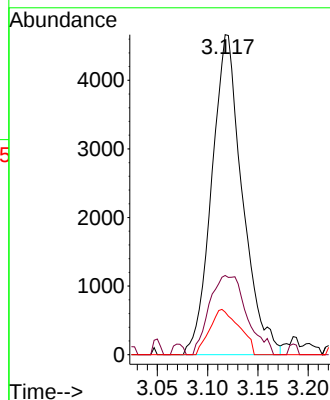
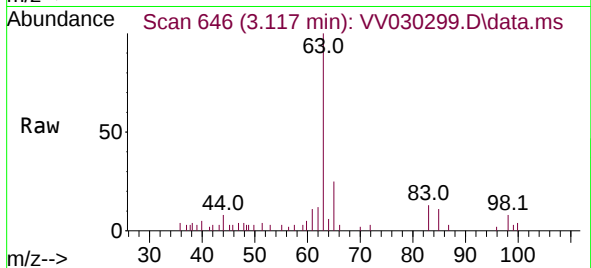




#19
1,1-Dichloroethane
Concen: 0.459 ug/L
RT: 3.117 min Scan# 647
Delta R.T. -0.003 min
Lab File: VV030299.D
Acq: 23 Mar 2023 09:45

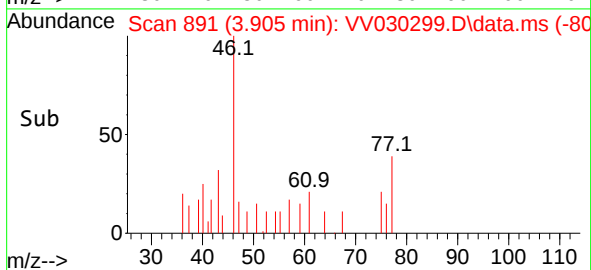
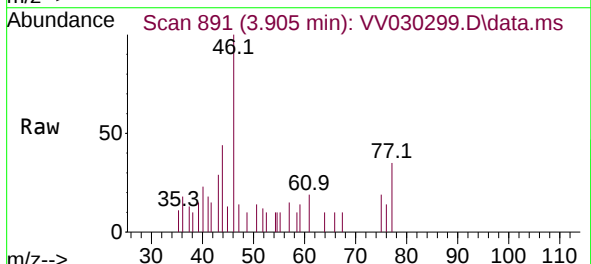
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5228

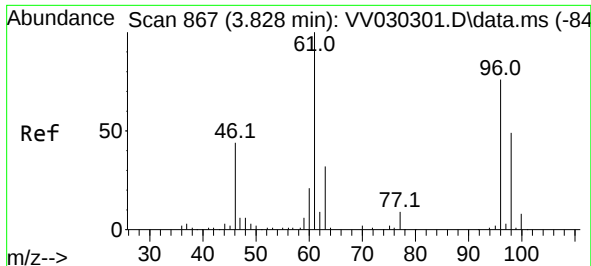
Tgt Ion:	63	Resp:	9875
Ion	Ratio	Lower	Upper
63	100		
65	24.8	21.7	40.3
83	13.3	9.1	16.9



#21
2-Butanone
Concen: 0.129 ug/L
RT: 3.905 min Scan# 891
Delta R.T. -0.016 min
Lab File: VV030299.D
Acq: 23 Mar 2023 09:45

Tgt Ion:	43	Resp:	321
Ion	Ratio	Lower	Upper
43	100		
72	13.7	11.2	33.5

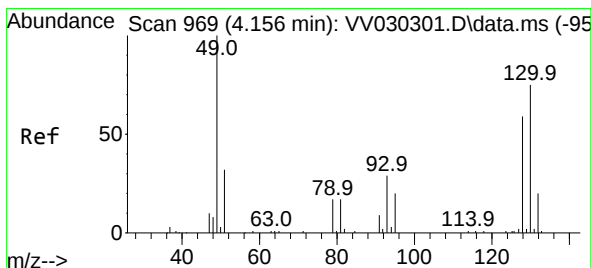
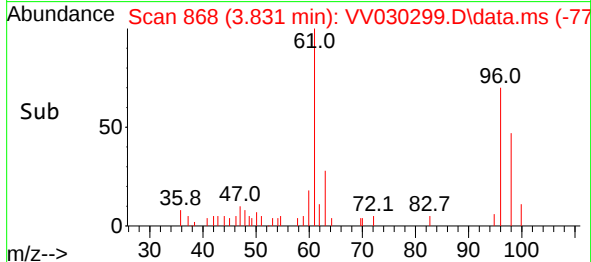
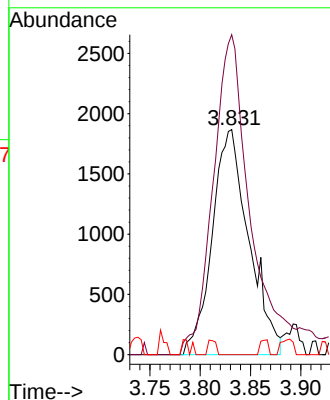
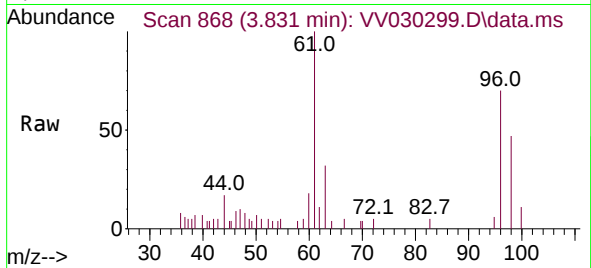




#22
 cis-1,2-Dichloroethene
 Concen: 0.425 ug/L
 RT: 3.831 min Scan# 868
 Delta R.T. 0.003 min
 Lab File: VV030299.D
 Acq: 23 Mar 2023 09:45

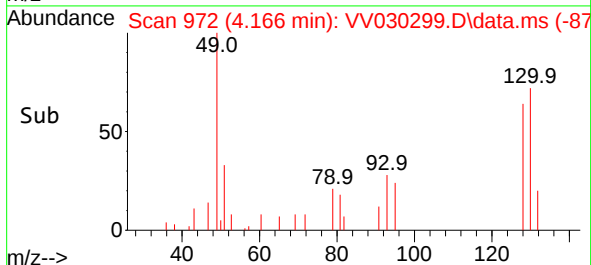
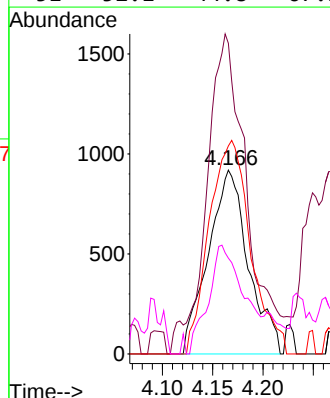
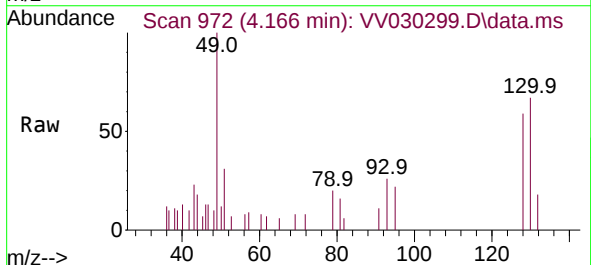
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5228

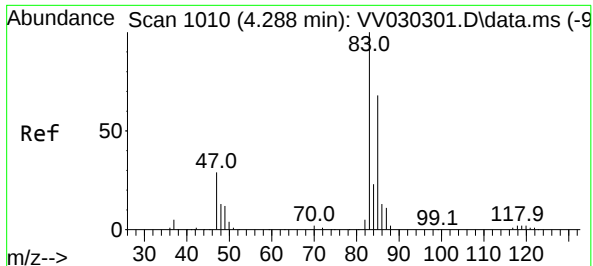
Tgt Ion: 96 Resp: 4741
 Ion Ratio Lower Upper
 96 100
 61 142.2 92.0 170.8
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 0.491 ug/L
 RT: 4.166 min Scan# 972
 Delta R.T. 0.010 min
 Lab File: VV030299.D
 Acq: 23 Mar 2023 09:45

Tgt Ion: 128 Resp: 2556
 Ion Ratio Lower Upper
 128 100
 49 169.1 119.4 221.8
 130 113.2 89.2 165.8
 51 52.1 44.8 67.2

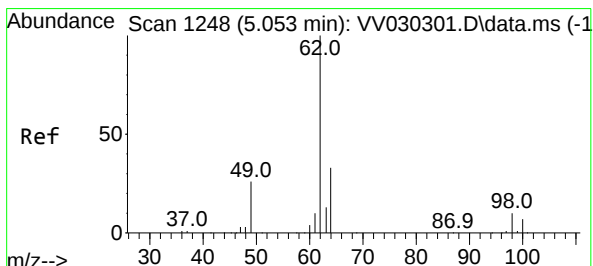
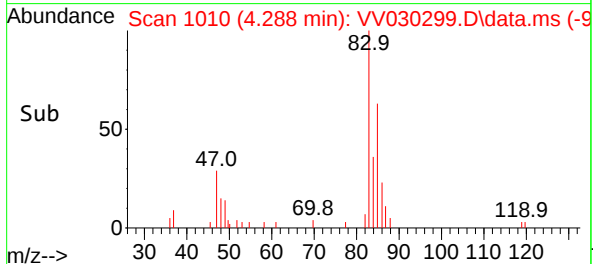
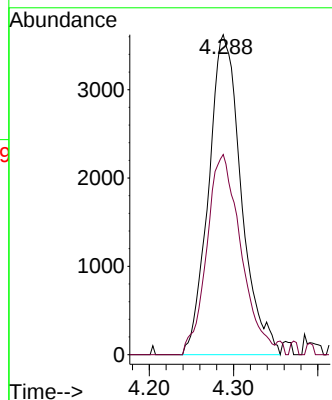
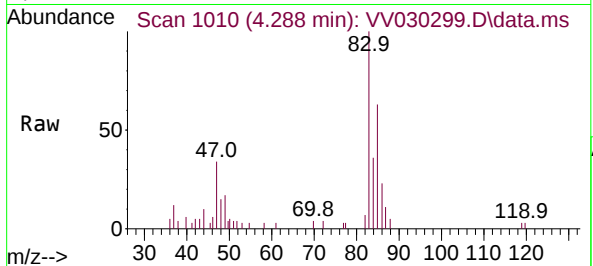




#25
Chloroform
Concen: 0.448 ug/L
RT: 4.288 min Scan# 1010
Delta R.T. -0.000 min
Lab File: VV030299.D
Acq: 23 Mar 2023 09:45

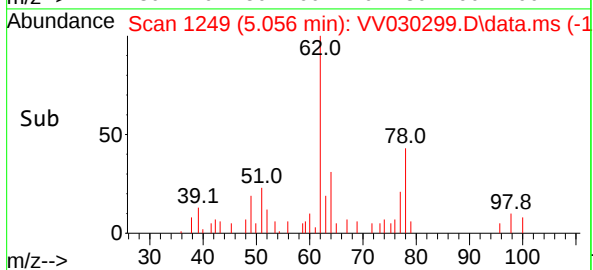
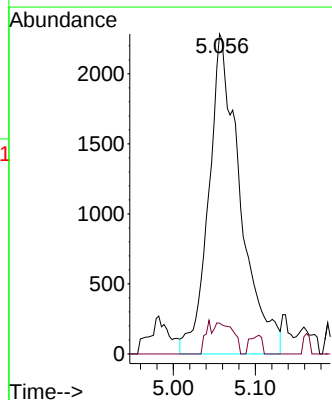
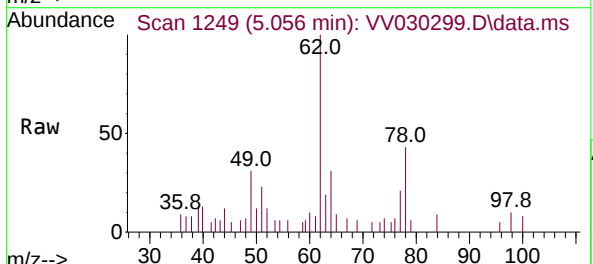
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5228

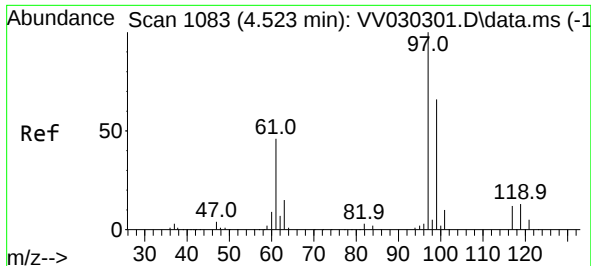
Tgt Ion: 83 Resp: 9741
Ion Ratio Lower Upper
83 100
85 62.5 47.6 88.4



#27
1,2-Dichloroethane
Concen: 0.463 ug/L
RT: 5.056 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VV030299.D
Acq: 23 Mar 2023 09:45

Tgt Ion: 62 Resp: 6092
Ion Ratio Lower Upper
62 100
98 9.6 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 0.454 ug/L

RT: 4.523 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VV030299.D

Acq: 23 Mar 2023 09:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5228

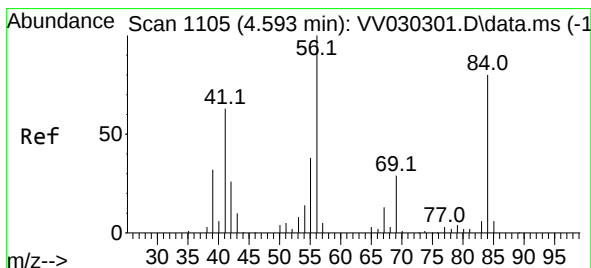
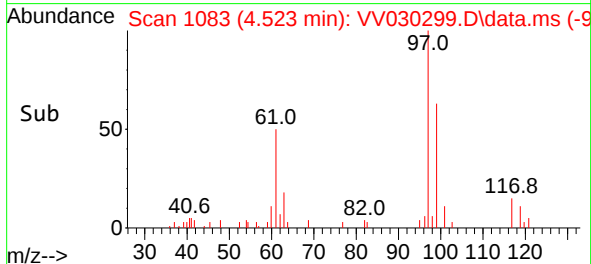
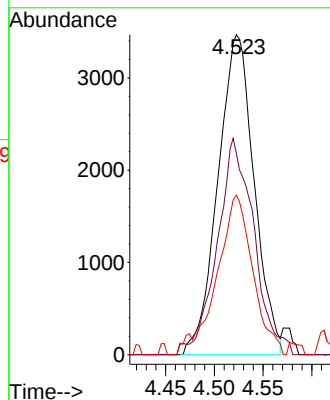
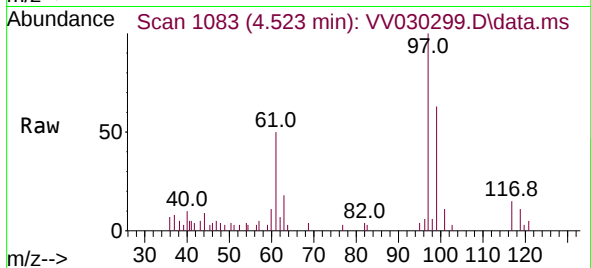
Tgt Ion: 97 Resp: 8958

Ion Ratio Lower Upper

97 100

99 68.5 50.9 76.3

61 49.4 35.9 53.9



#30

Cyclohexane

Concen: 0.393 ug/L

RT: 4.590 min Scan# 1104

Delta R.T. -0.003 min

Lab File: VV030299.D

Acq: 23 Mar 2023 09:45

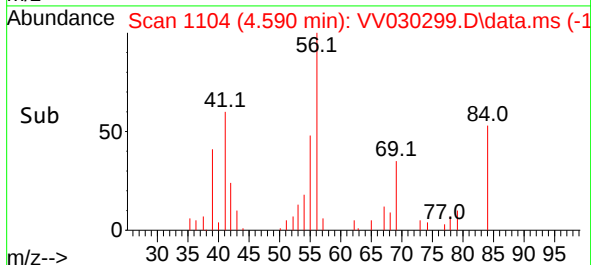
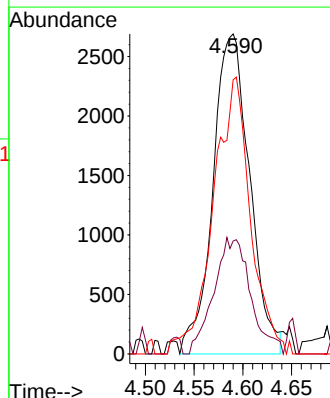
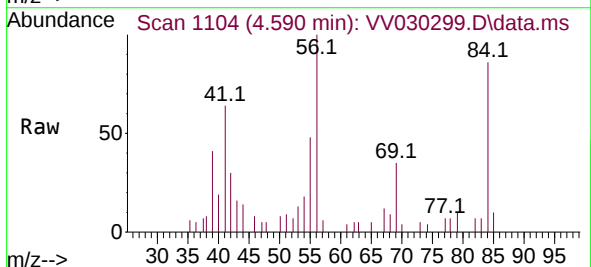
Tgt Ion: 56 Resp: 7063

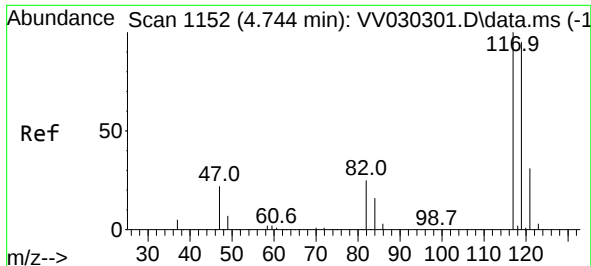
Ion Ratio Lower Upper

56 100

69 36.4 24.2 36.2#

84 87.3 66.6 100.0

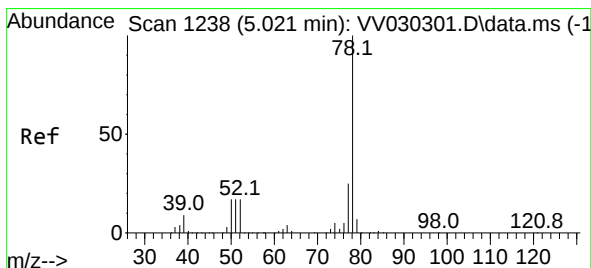
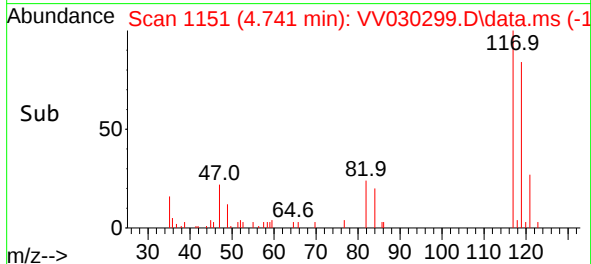
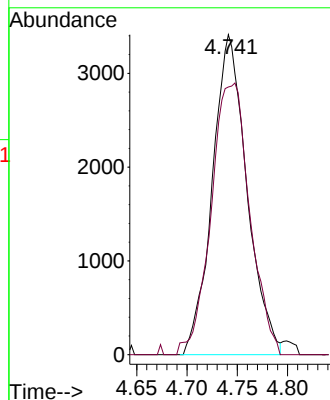
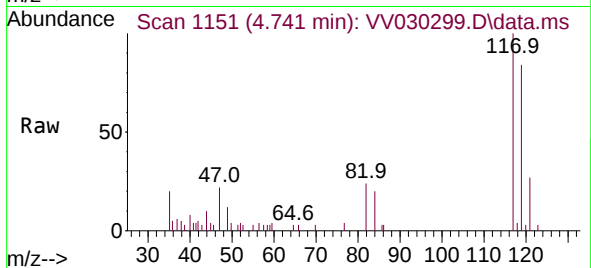




#31
Carbon tetrachloride
Concen: 0.455 ug/L
RT: 4.741 min Scan# 1152
Delta R.T. -0.003 min
Lab File: VV030299.D
Acq: 23 Mar 2023 09:45

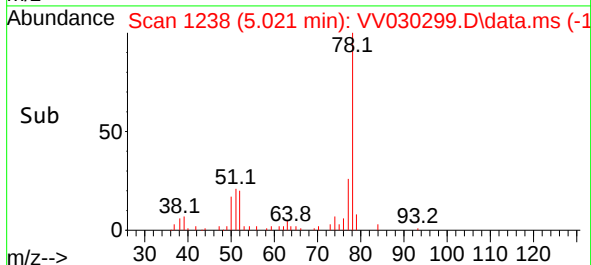
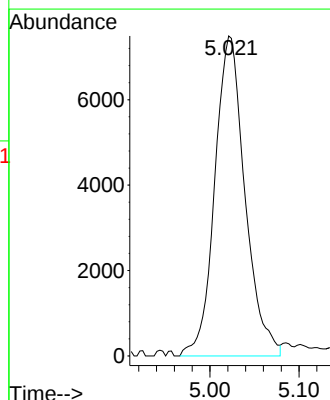
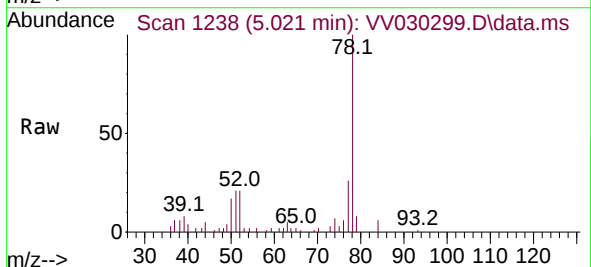
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5228

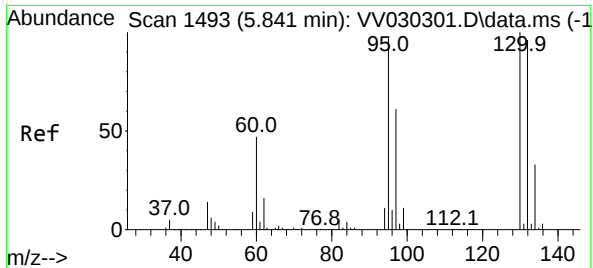
Tgt Ion:117 Resp: 8145
Ion Ratio Lower Upper
117 100
119 94.9 76.2 114.4



#33
Benzene
Concen: 0.405 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VV030299.D
Acq: 23 Mar 2023 09:45

Tgt Ion: 78 Resp: 17664



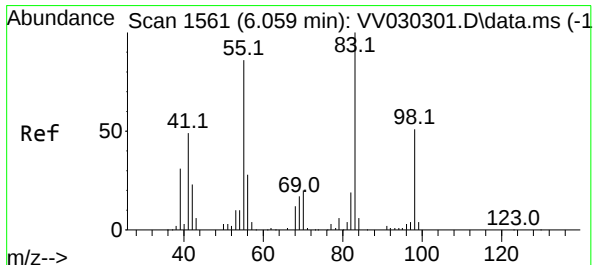
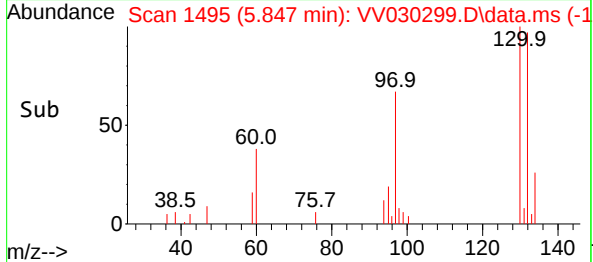
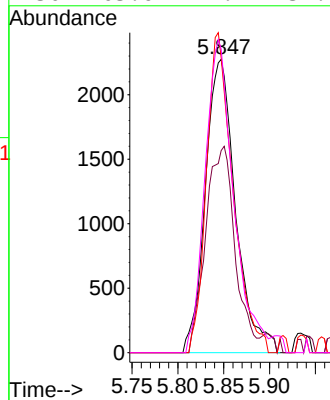
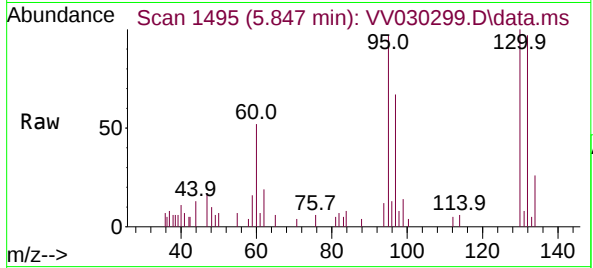


#34
Trichloroethene
Concen: 0.443 ug/L
RT: 5.847 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VV030299.D
Acq: 23 Mar 2023 09:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5228

Tgt Ion: 95 Resp: 5219

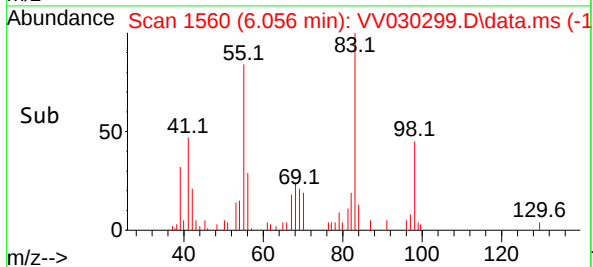
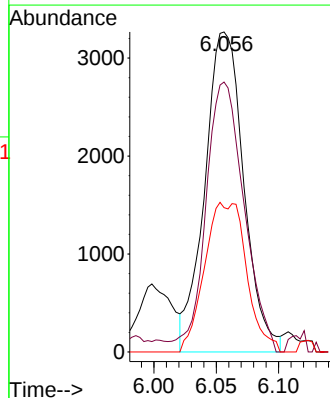
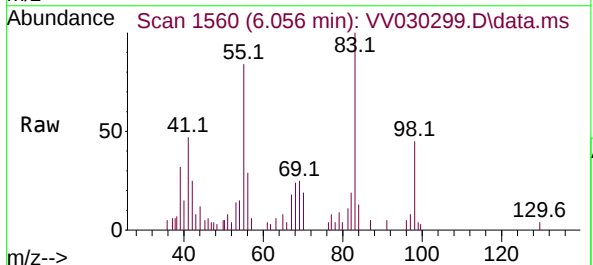
Ion	Ratio	Lower	Upper
95	100		
97	68.9	44.2	82.2
132	100.6	69.5	129.1
130	103.6	72.2	134.0

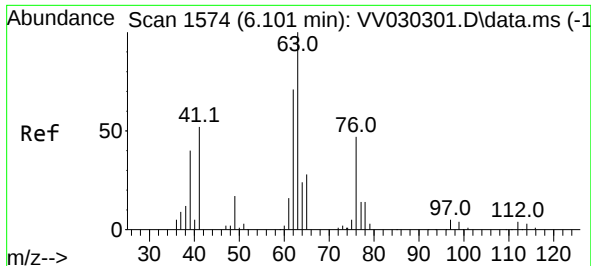


#35
Methylcyclohexane
Concen: 0.386 ug/L
RT: 6.056 min Scan# 1560
Delta R.T. -0.003 min
Lab File: VV030299.D
Acq: 23 Mar 2023 09:45

Tgt Ion: 83 Resp: 7129

Ion	Ratio	Lower	Upper
83	100		
55	82.7	66.6	100.0
98	29.1	38.6	58.0





#37

1,2-Dichloropropane

Concen: 0.387 ug/L

RT: 6.104 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV030299.D

Acq: 23 Mar 2023 09:45

Instrument :

MSVOA_V

ClientSampleId :

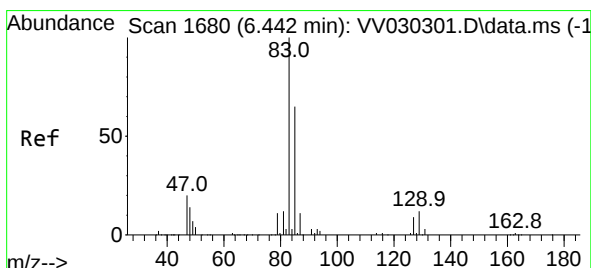
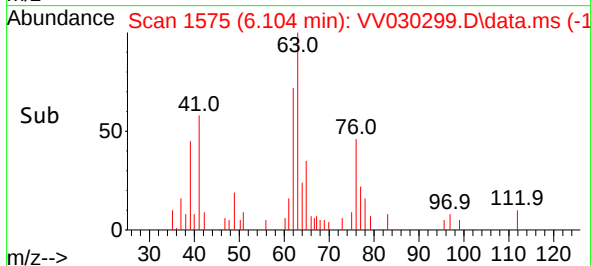
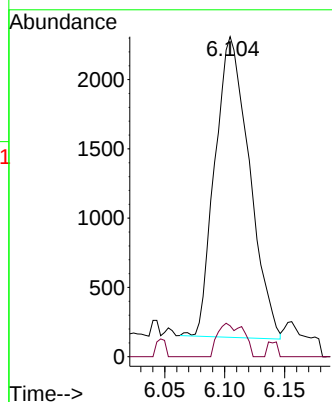
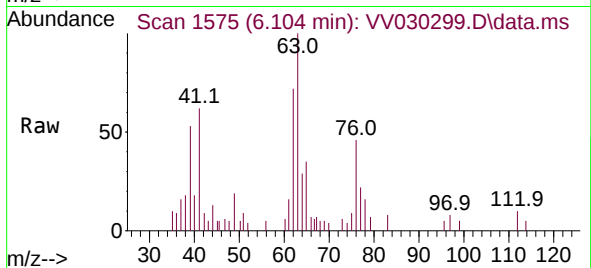
VSTD0.5228

Tgt Ion: 63 Resp: 4330

Ion Ratio Lower Upper

63 100

112 8.4 3.9 5.9#



#38

Bromodichloromethane

Concen: 0.456 ug/L

RT: 6.445 min Scan# 1681

Delta R.T. 0.003 min

Lab File: VV030299.D

Acq: 23 Mar 2023 09:45

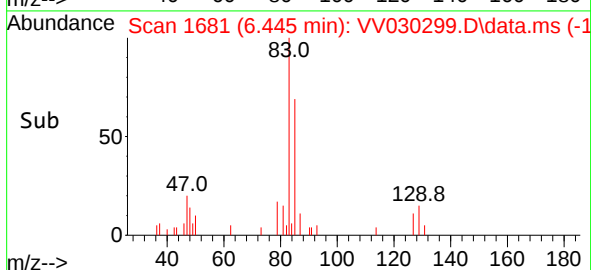
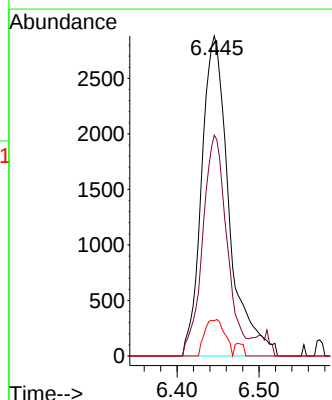
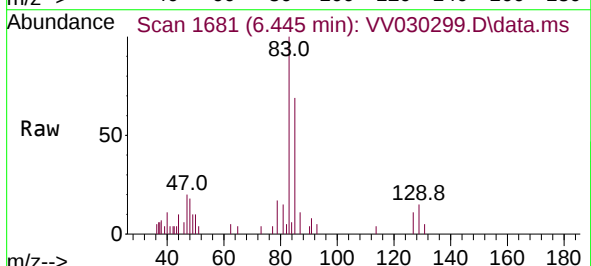
Tgt Ion: 83 Resp: 6696

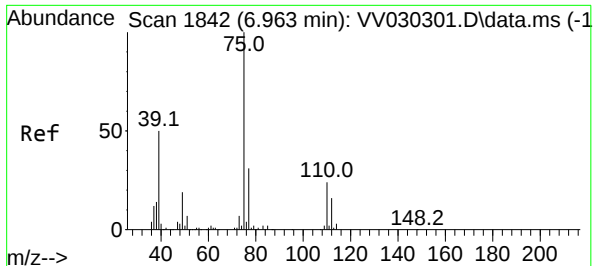
Ion Ratio Lower Upper

83 100

85 69.0 45.3 84.1

127 11.0 7.0 10.4#





#39

cis-1,3-Dichloropropene

Concen: 0.393 ug/L

RT: 6.969 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV030299.D

Acq: 23 Mar 2023 09:45

Instrument :

MSVOA_V

ClientSampleId :

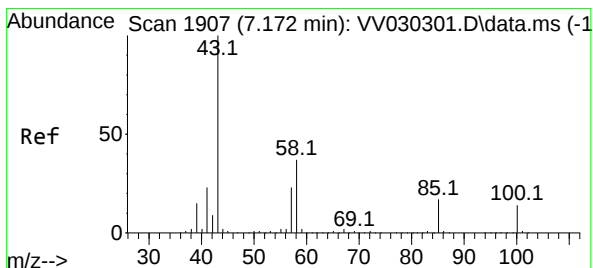
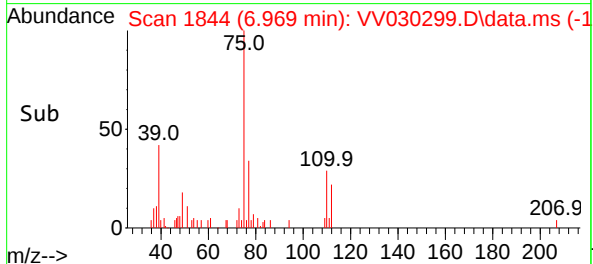
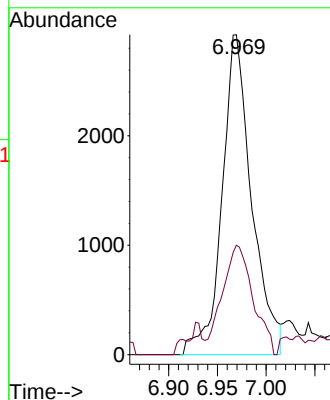
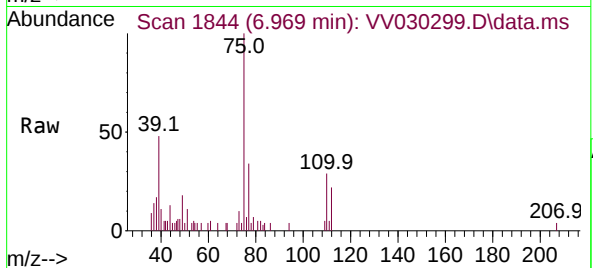
VSTD0.5228

Tgt Ion: 75 Resp: 6184

Ion Ratio Lower Upper

75 100

77 34.2 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 3.704 ug/L

RT: 7.175 min Scan# 1908

Delta R.T. 0.003 min

Lab File: VV030299.D

Acq: 23 Mar 2023 09:45

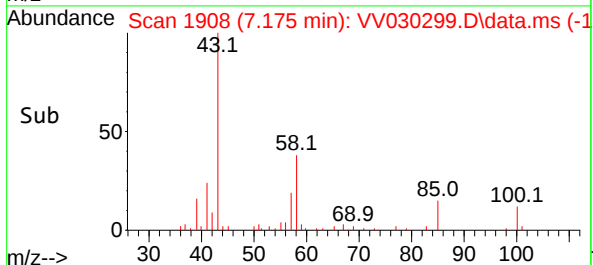
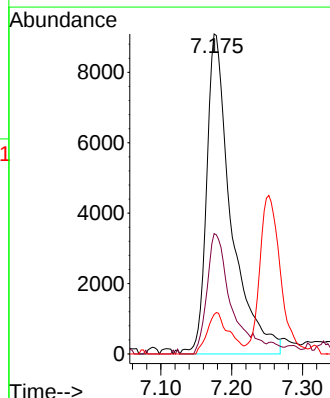
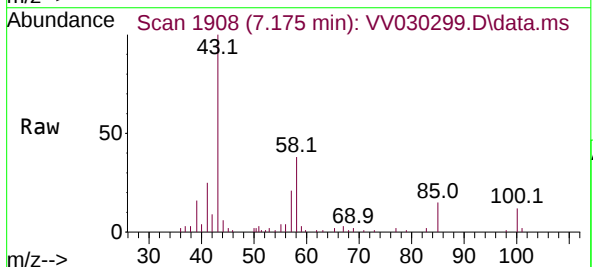
Tgt Ion: 43 Resp: 21868

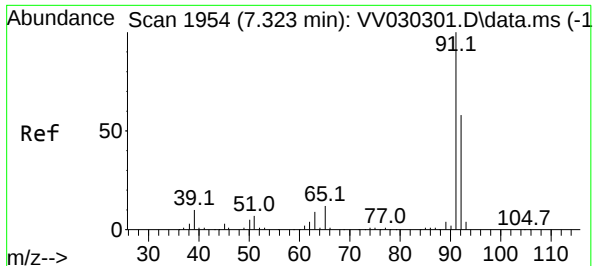
Ion Ratio Lower Upper

43 100

58 36.9 28.8 43.2

100 11.5 10.7 16.1





#42

Toluene

Concen: 0.367 ug/L

RT: 7.326 min Scan# 1954

Delta R.T. 0.003 min

Lab File: VV030299.D

Acq: 23 Mar 2023 09:45

Instrument :

MSVOA_V

ClientSampleId :

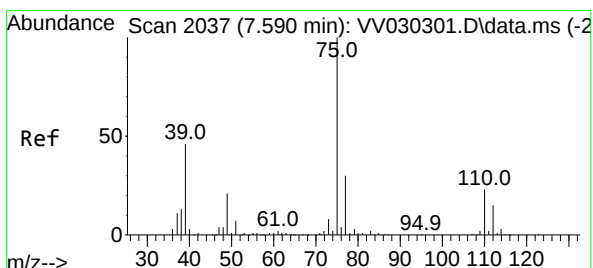
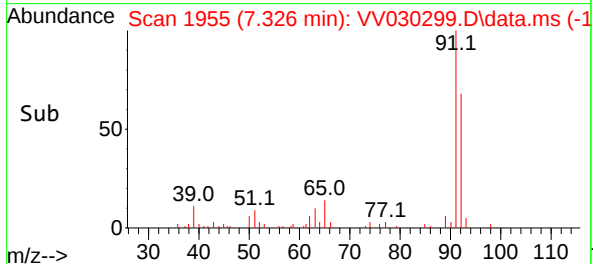
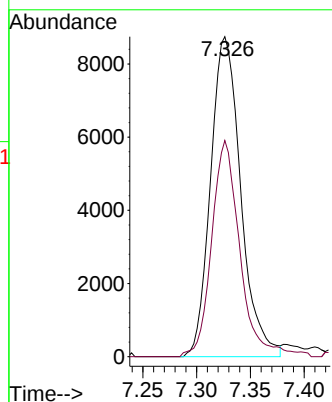
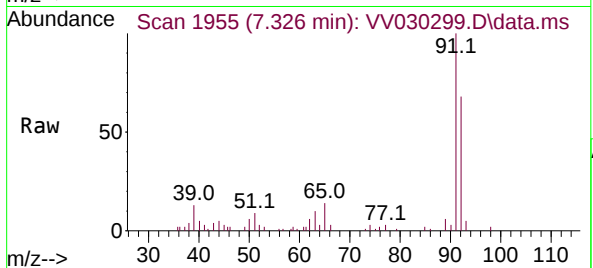
VSTD0.5228

Tgt Ion: 91 Resp: 17078

Ion Ratio Lower Upper

91 100

92 67.5 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 0.416 ug/L

RT: 7.596 min Scan# 2039

Delta R.T. 0.006 min

Lab File: VV030299.D

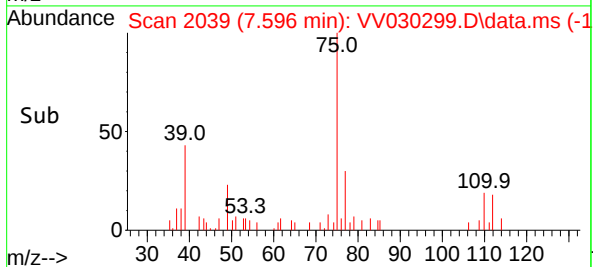
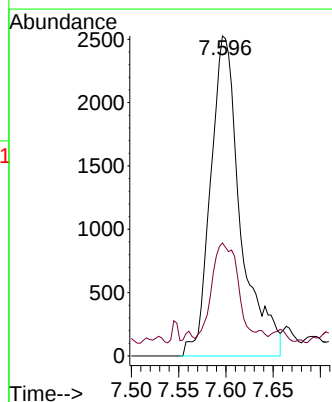
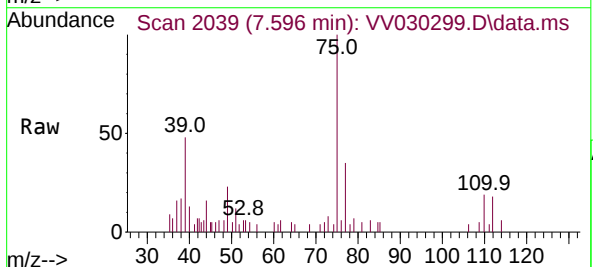
Acq: 23 Mar 2023 09:45

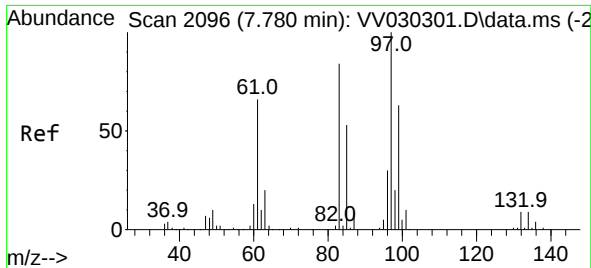
Tgt Ion: 75 Resp: 5579

Ion Ratio Lower Upper

75 100

77 35.3 21.2 39.4

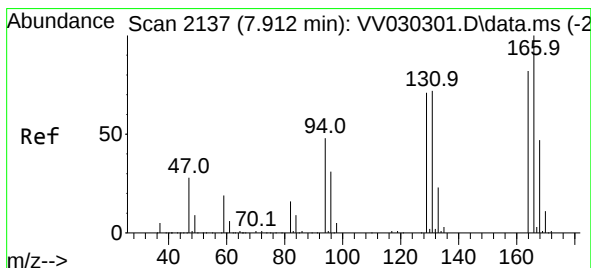
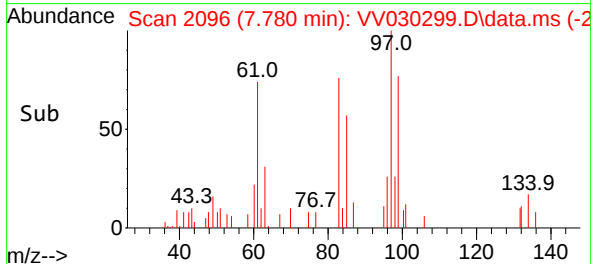
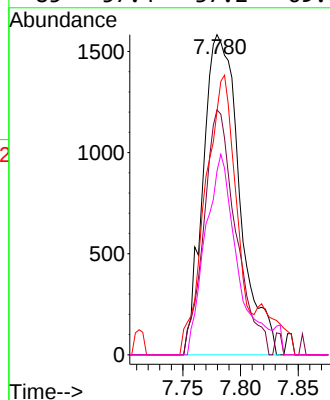
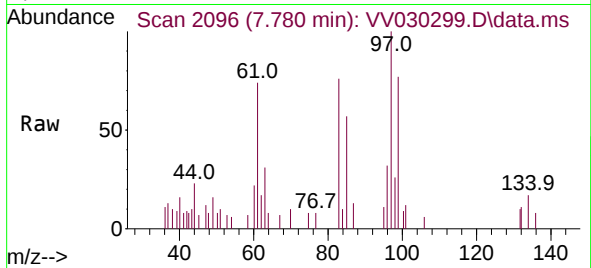




#45
1,1,2-Trichloroethane
Concen: 0.442 ug/L
RT: 7.780 min Scan# 2096
Delta R.T. -0.000 min
Lab File: VV030299.D
Acq: 23 Mar 2023 09:45

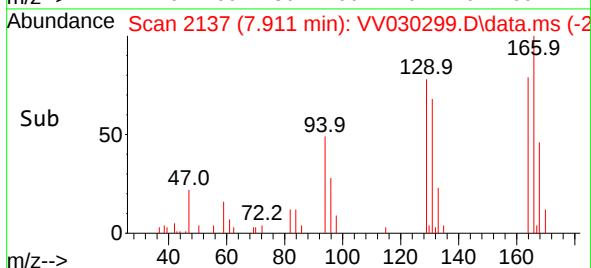
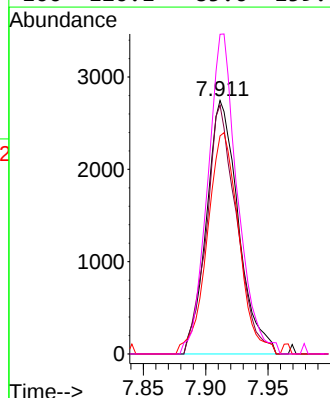
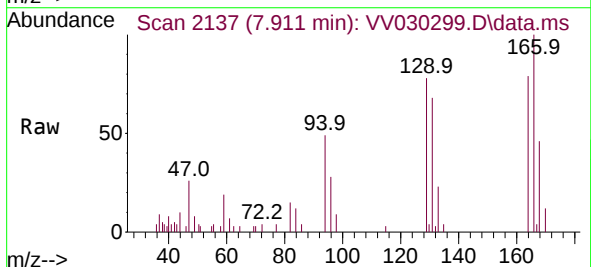
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5228

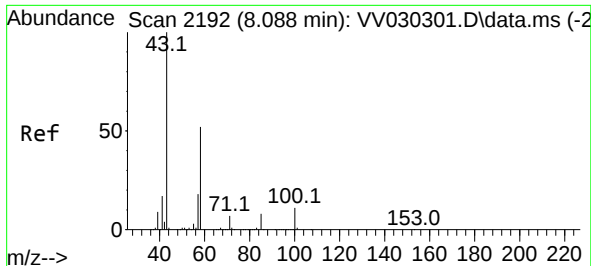
Tgt Ion: 97	Resp: 3487
Ion Ratio	Lower Upper
97 100	
99 76.5	44.0 81.8
83 76.1	58.8 109.2
85 57.4	37.2 69.0



#47
Tetrachloroethene
Concen: 0.468 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VV030299.D
Acq: 23 Mar 2023 09:45

Tgt	Ion:164	Resp:	4863
Ion	Ratio	Lower	Upper
164	100		
129	98.2	60.8	112.8
131	86.0	61.7	114.7
166	126.1	85.6	159.0





#48

2-Hexanone

Concen: 3.260 ug/L

RT: 8.095 min Scan# 2192

Delta R.T. 0.006 min

Lab File: VV030299.D

Acq: 23 Mar 2023 09:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5228

Tgt Ion: 43 Resp: 14423

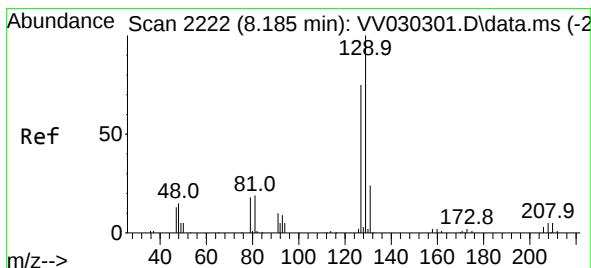
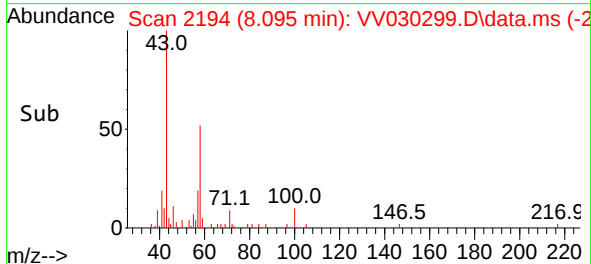
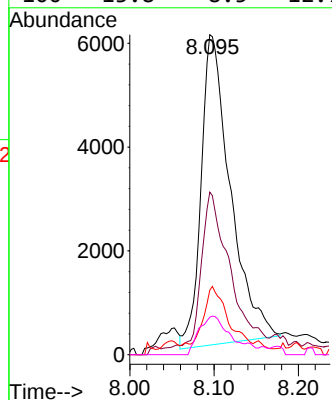
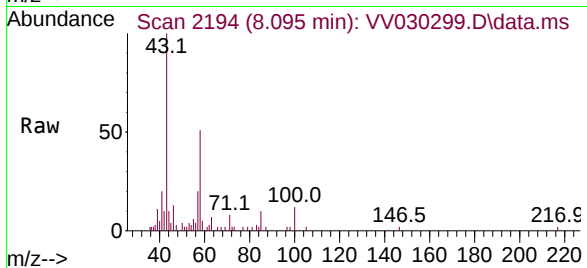
Ion Ratio Lower Upper

43 100

58 51.5 40.3 60.5

57 17.8 14.6 22.0

100 13.8 8.5 12.7#



#49

Dibromochloromethane

Concen: 0.459 ug/L

RT: 8.188 min Scan# 2223

Delta R.T. 0.003 min

Lab File: VV030299.D

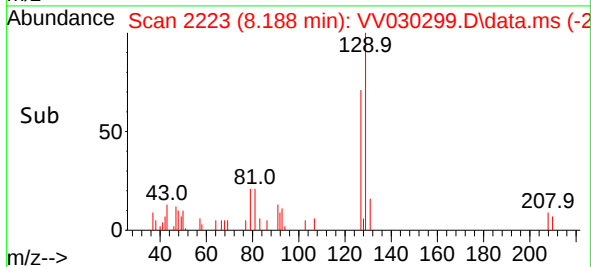
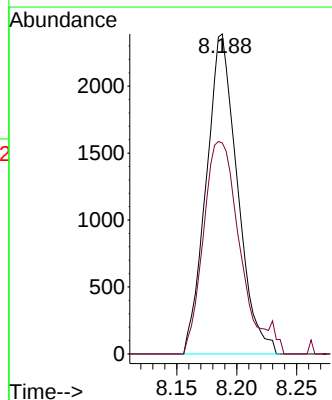
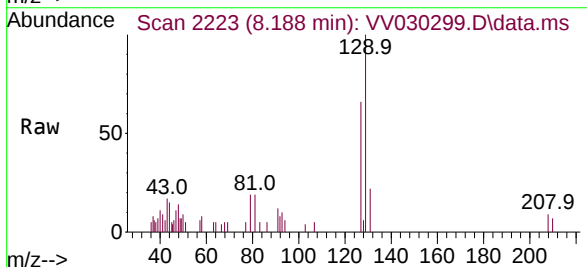
Acq: 23 Mar 2023 09:45

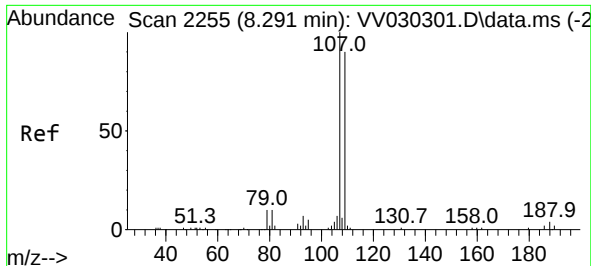
Tgt Ion: 129 Resp: 4312

Ion Ratio Lower Upper

129 100

127 65.9 52.7 97.9





#50

1,2-Dibromoethane

Concen: 0.422 ug/L

RT: 8.297 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV030299.D

Acq: 23 Mar 2023 09:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5228

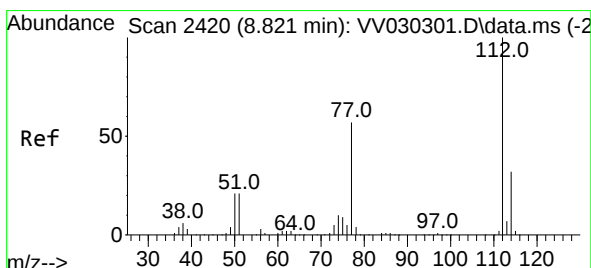
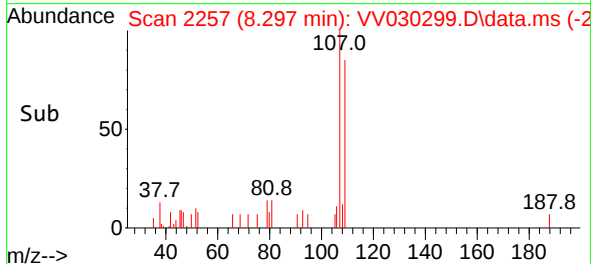
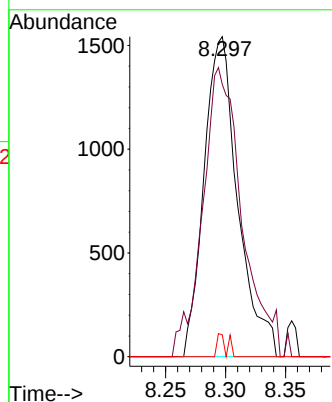
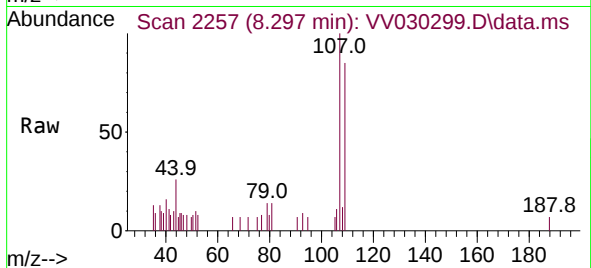
Tgt Ion:107 Resp: 3025

Ion Ratio Lower Upper

107 100

109 85.1 62.9 116.9

188 6.9 3.0 4.6#



#51

Chlorobenzene

Concen: 0.415 ug/L

RT: 8.825 min Scan# 2421

Delta R.T. 0.003 min

Lab File: VV030299.D

Acq: 23 Mar 2023 09:45

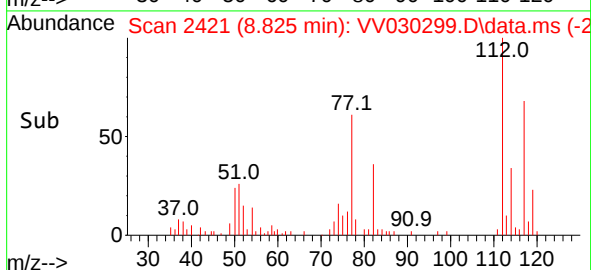
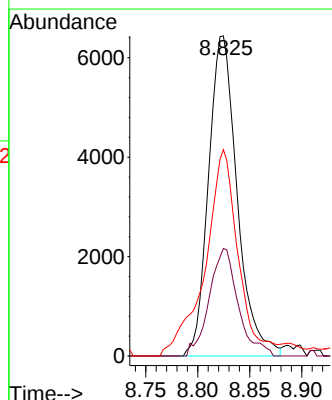
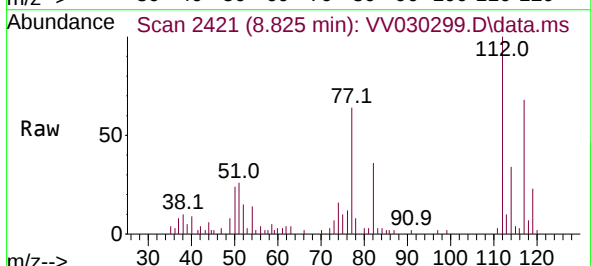
Tgt Ion:112 Resp: 12363

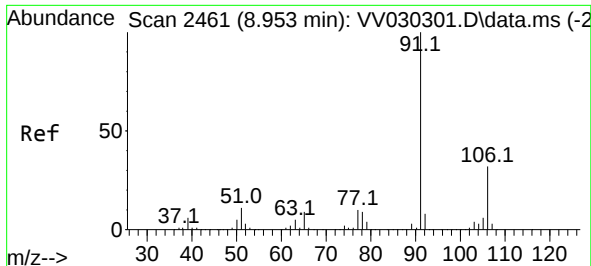
Ion Ratio Lower Upper

112 100

114 33.6 22.4 41.6

77 64.5 45.9 68.9





#52

Ethylbenzene

Concen: 0.386 ug/L

RT: 8.956 min Scan# 2461

Delta R.T. 0.003 min

Lab File: VV030299.D

Acq: 23 Mar 2023 09:45

Instrument :

MSVOA_V

ClientSampleId :

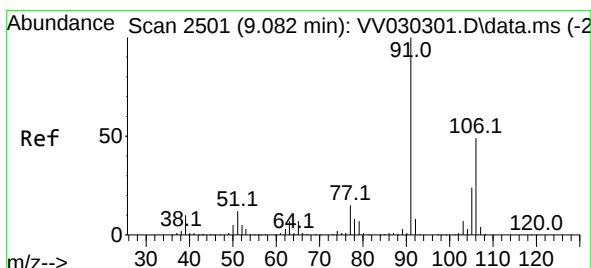
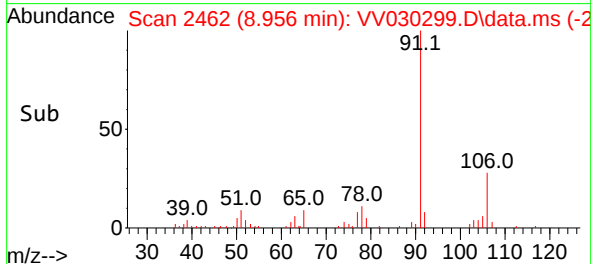
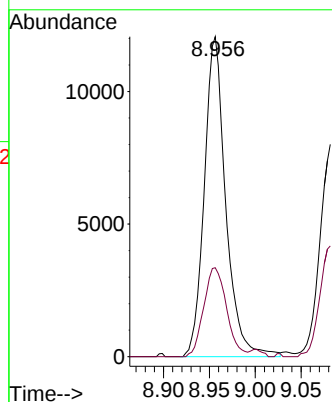
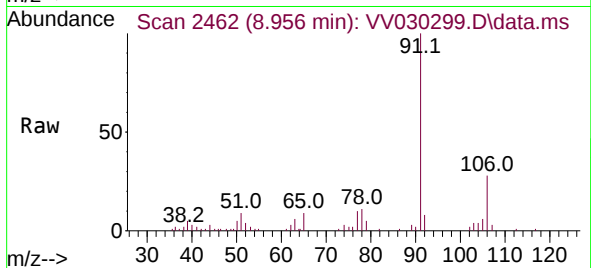
VSTD0.5228

Tgt Ion: 91 Resp: 19615

Ion Ratio Lower Upper

91 100

106 27.8 22.2 41.2



#53

m,p-Xylene

Concen: 0.377 ug/L

RT: 9.082 min Scan# 2501

Delta R.T. -0.000 min

Lab File: VV030299.D

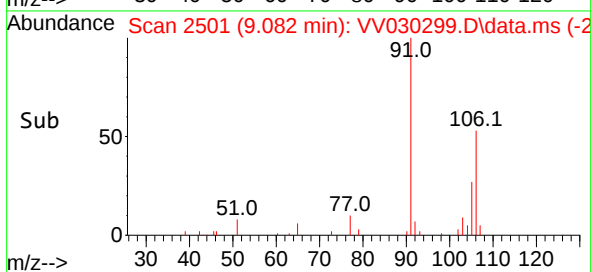
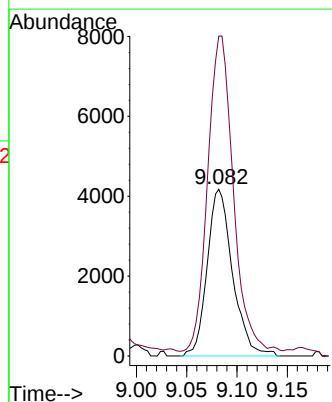
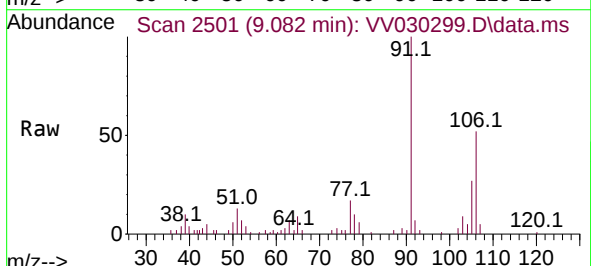
Acq: 23 Mar 2023 09:45

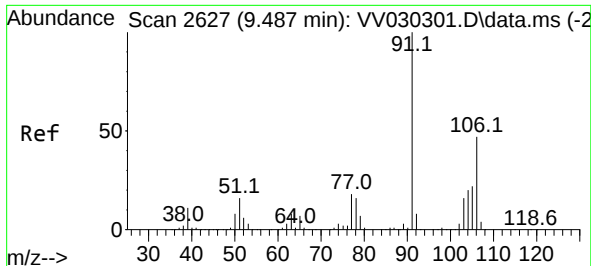
Tgt Ion: 106 Resp: 7342

Ion Ratio Lower Upper

106 100

91 191.8 142.4 264.4

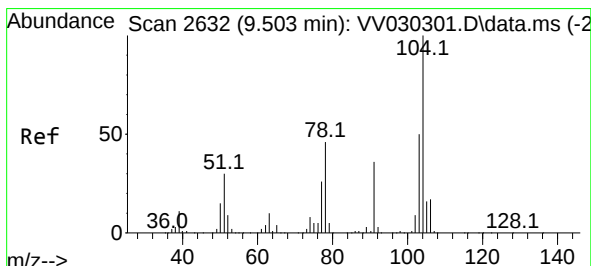
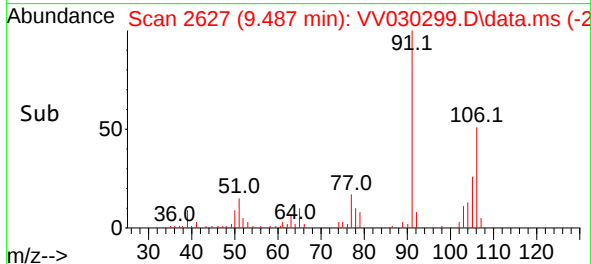
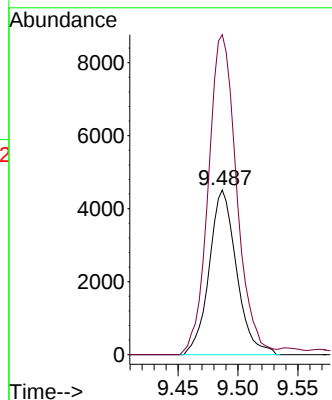
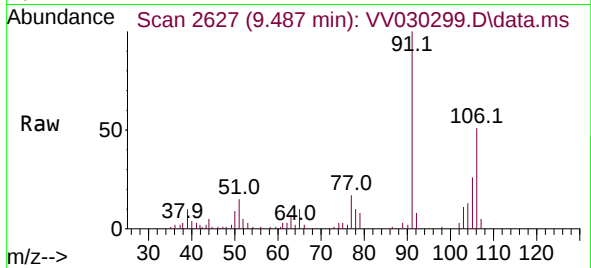




#54
o-Xylene
Concen: 0.383 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.000 min
Lab File: VV030299.D
Acq: 23 Mar 2023 09:45

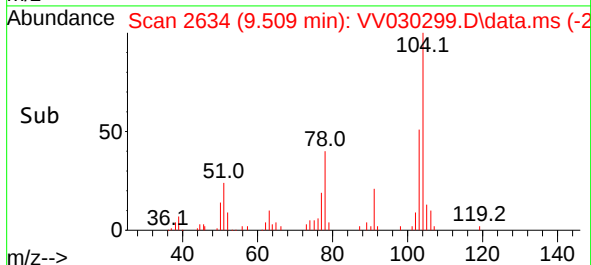
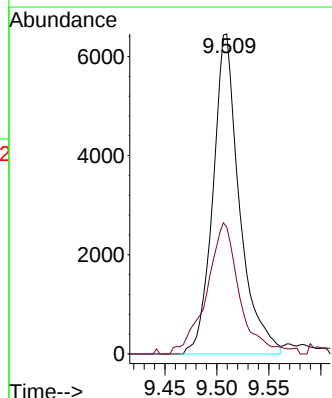
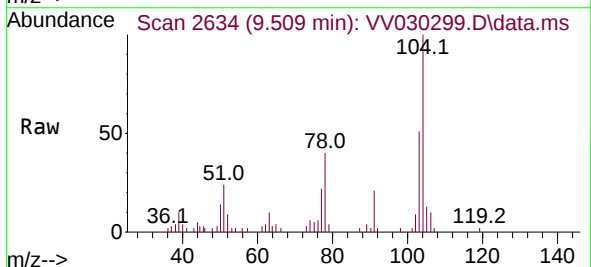
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5228

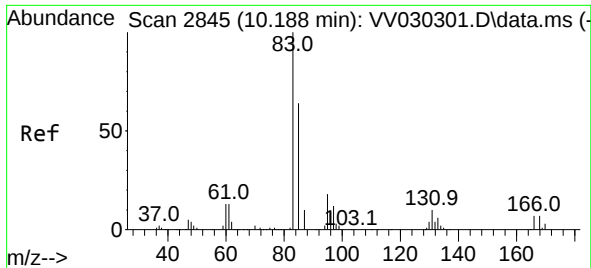
Tgt Ion:106 Resp: 7140
Ion Ratio Lower Upper
106 100
91 194.4 149.8 278.2



#55
Styrene
Concen: 0.362 ug/L
RT: 9.509 min Scan# 2634
Delta R.T. 0.006 min
Lab File: VV030299.D
Acq: 23 Mar 2023 09:45

Tgt Ion:104 Resp: 11446
Ion Ratio Lower Upper
104 100
78 39.6 31.9 59.2

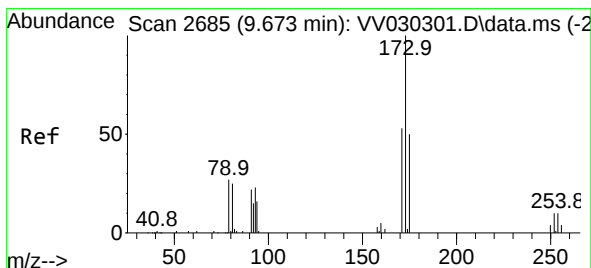
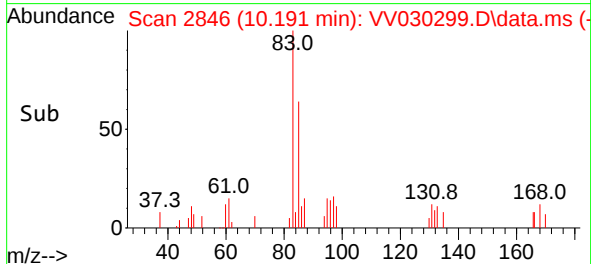
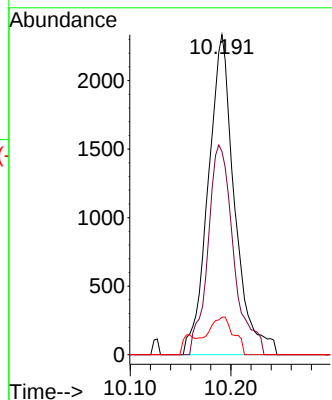
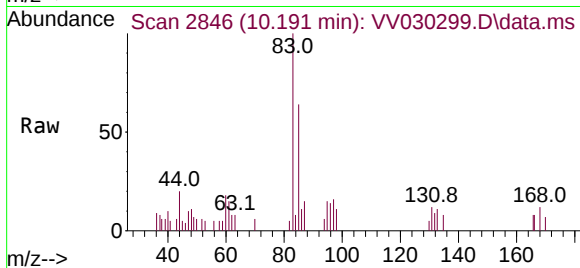




#57
1,1,2,2-Tetrachloroethane
Concen: 0.454 ug/L
RT: 10.191 min Scan# 2846
Delta R.T. 0.003 min
Lab File: VV030299.D
Acq: 23 Mar 2023 09:45

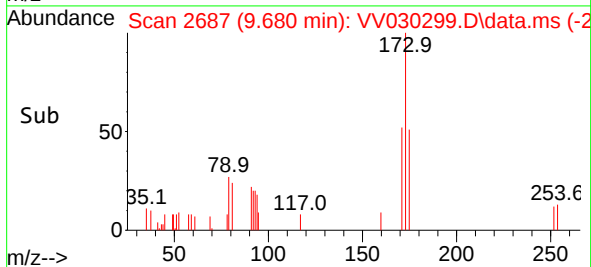
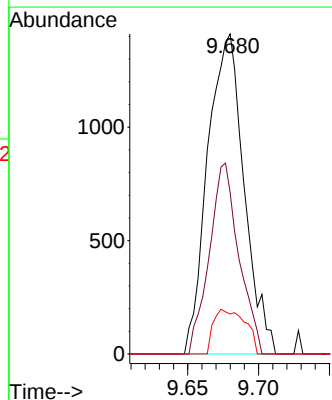
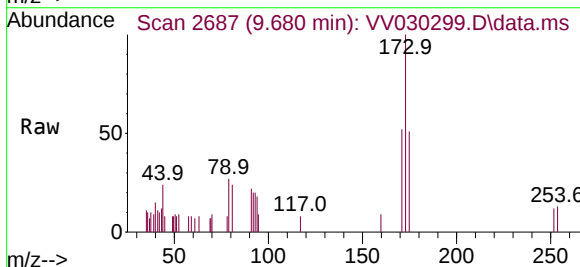
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5228

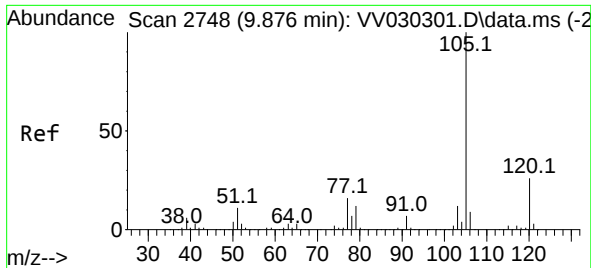
Tgt Ion: 83 Resp: 4249
Ion Ratio Lower Upper
83 100
85 63.5 45.3 84.1
131 11.7 8.2 12.4



#59
Bromoform
Concen: 0.499 ug/L
RT: 9.680 min Scan# 2687
Delta R.T. 0.006 min
Lab File: VV030299.D
Acq: 23 Mar 2023 09:45

Tgt Ion: 173 Resp: 2520
Ion Ratio Lower Upper
173 100
175 48.5 39.0 58.4
254 12.1 8.2 12.4

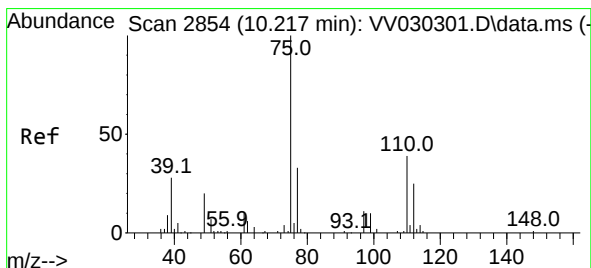
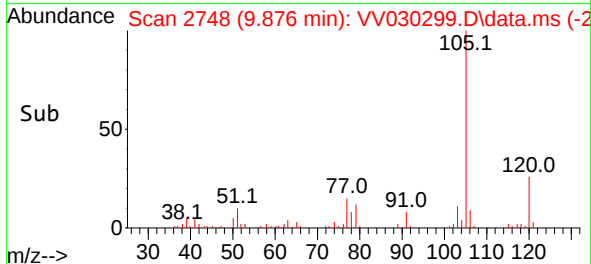
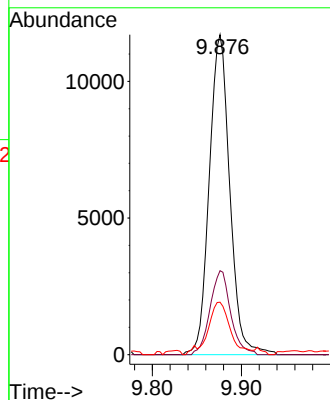
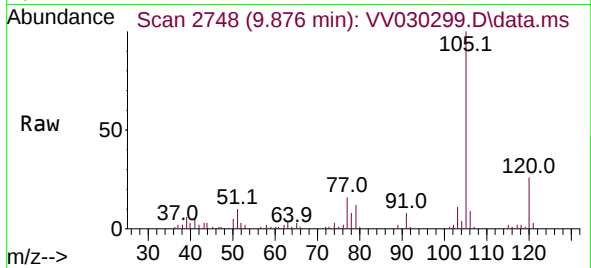




#60
Isopropylbenzene
Concen: 0.406 ug/L
RT: 9.876 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030299.D
Acq: 23 Mar 2023 09:45

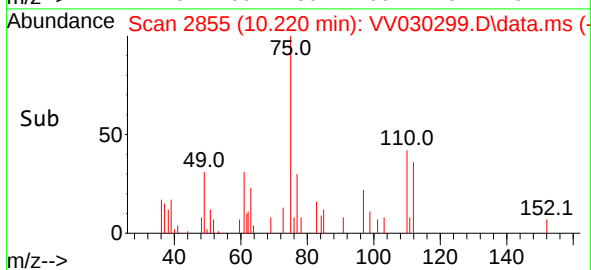
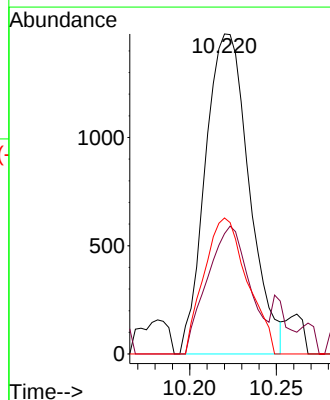
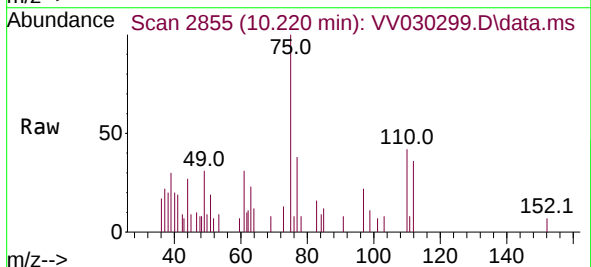
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5228

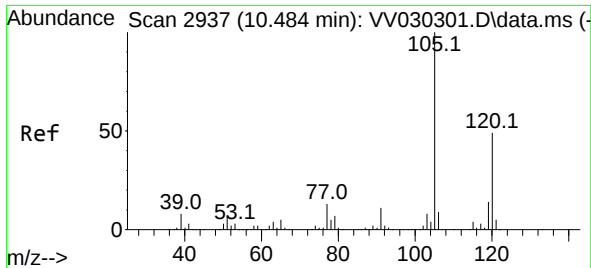
Tgt Ion:105 Resp: 18691
Ion Ratio Lower Upper
105 100
120 26.3 21.1 31.7
77 17.7 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 0.466 ug/L
RT: 10.220 min Scan# 2855
Delta R.T. 0.003 min
Lab File: VV030299.D
Acq: 23 Mar 2023 09:45

Tgt Ion: 75 Resp: 2600
Ion Ratio Lower Upper
75 100
77 38.9 26.0 39.0
110 41.8 31.6 47.4

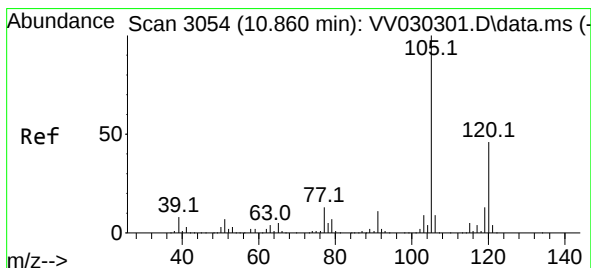
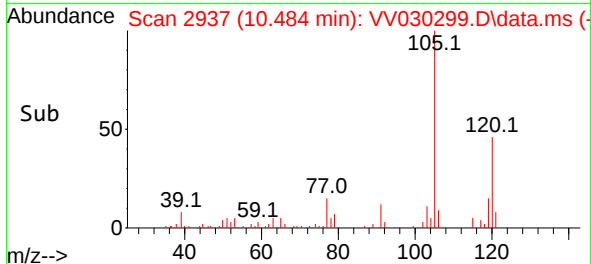
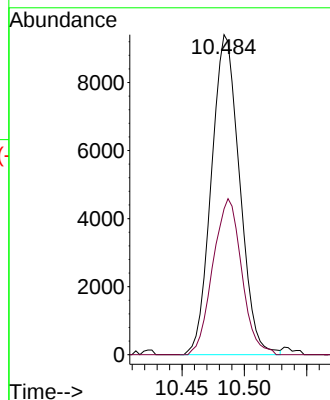
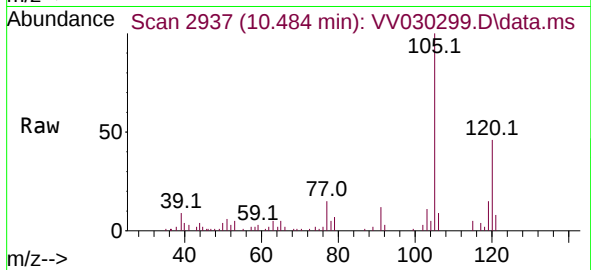




#62
 1,3,5-Trimethylbenzene
 Concen: 0.395 ug/L
 RT: 10.484 min Scan# 2937
 Delta R.T. -0.000 min
 Lab File: VV030299.D
 Acq: 23 Mar 2023 09:45

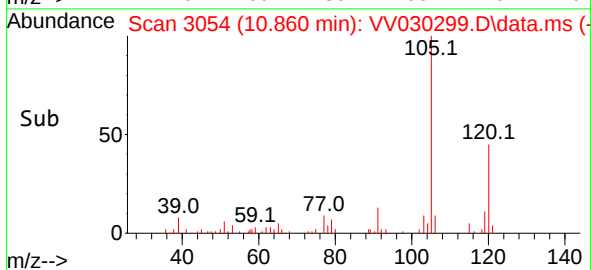
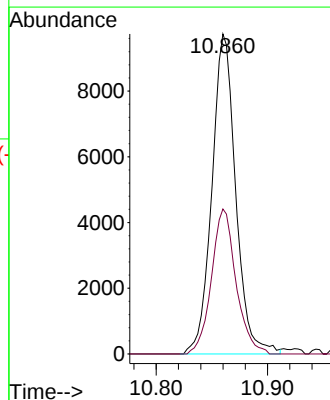
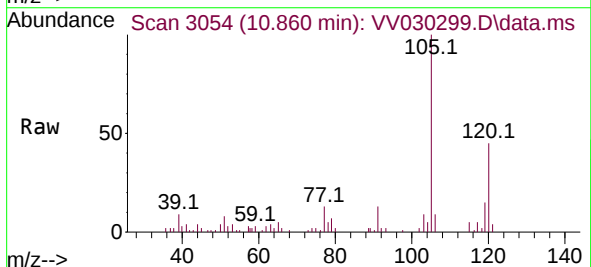
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5228

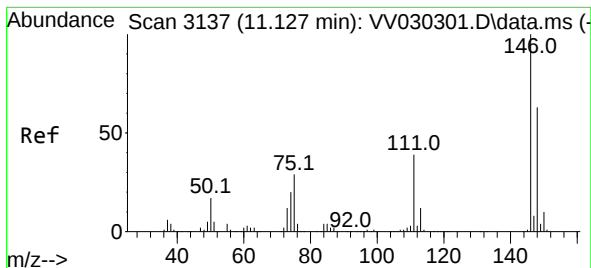
Tgt Ion:105 Resp: 14824
 Ion Ratio Lower Upper
 105 100
 120 49.7 38.9 58.3



#63
 1,2,4-Trimethylbenzene
 Concen: 0.378 ug/L
 RT: 10.860 min Scan# 3054
 Delta R.T. -0.000 min
 Lab File: VV030299.D
 Acq: 23 Mar 2023 09:45

Tgt Ion:105 Resp: 14466
 Ion Ratio Lower Upper
 105 100
 120 46.6 36.8 55.2





#64

1,3-Dichlorobenzene

Concen: 0.439 ug/L

RT: 11.127 min Scan# 3137

Delta R.T. -0.000 min

Lab File: VV030299.D

Acq: 23 Mar 2023 09:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5228

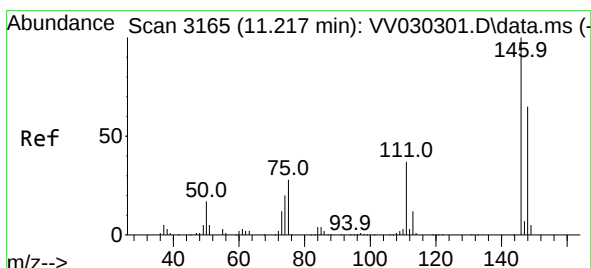
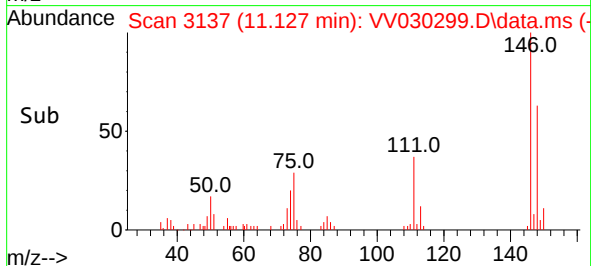
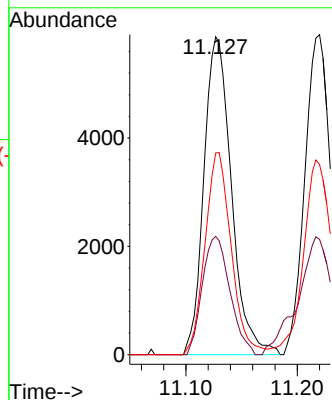
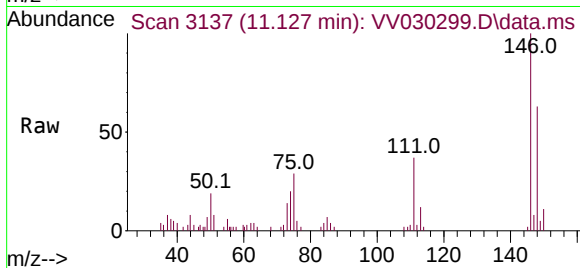
Tgt Ion:146 Resp: 10082

Ion Ratio Lower Upper

146 100

111 37.2 27.0 50.2

148 63.5 44.2 82.2



#65

1,4-Dichlorobenzene

Concen: 0.433 ug/L

RT: 11.220 min Scan# 3166

Delta R.T. 0.003 min

Lab File: VV030299.D

Acq: 23 Mar 2023 09:45

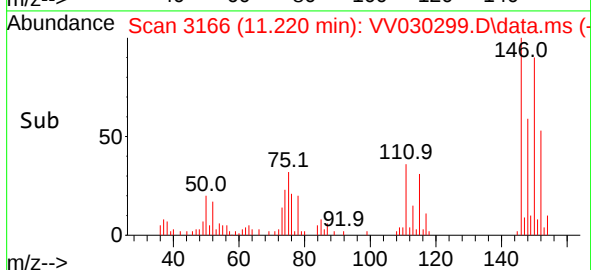
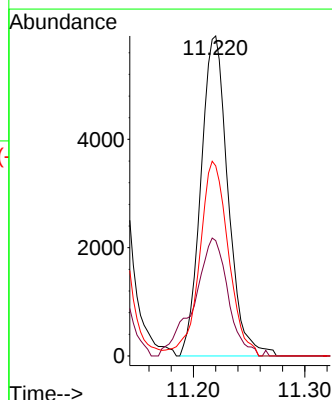
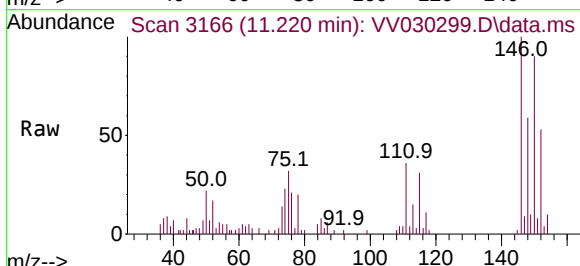
Tgt Ion:146 Resp: 10004

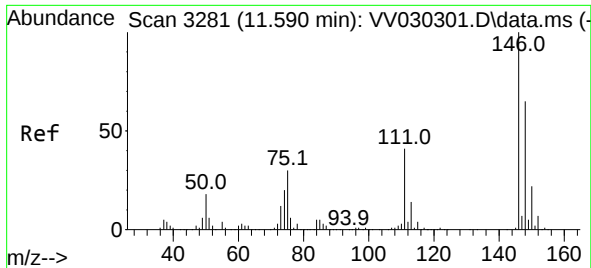
Ion Ratio Lower Upper

146 100

111 36.1 26.0 48.4

148 59.4 45.2 84.0

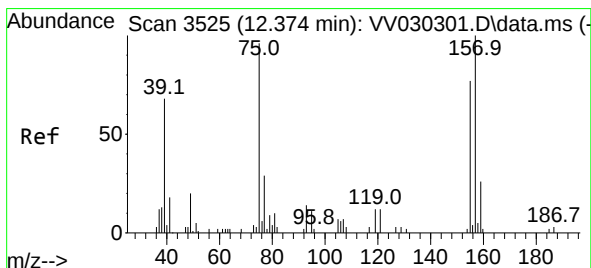
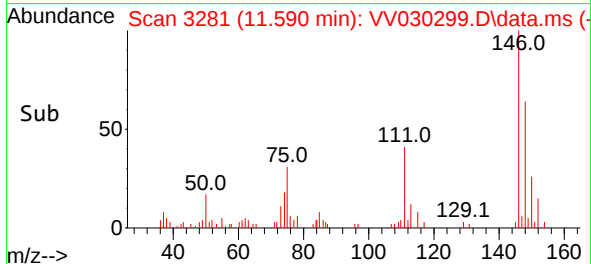
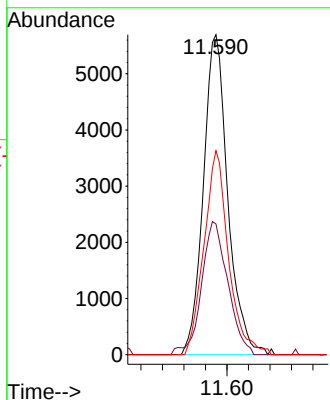
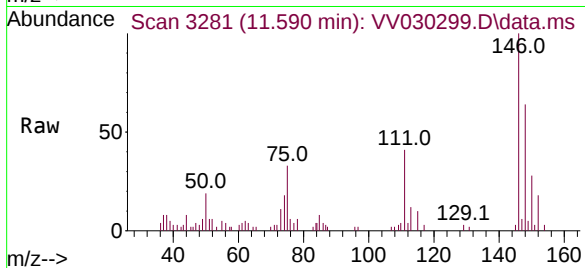




#67
1,2-Dichlorobenzene
Concen: 0.435 ug/L
RT: 11.590 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV030299.D
Acq: 23 Mar 2023 09:45

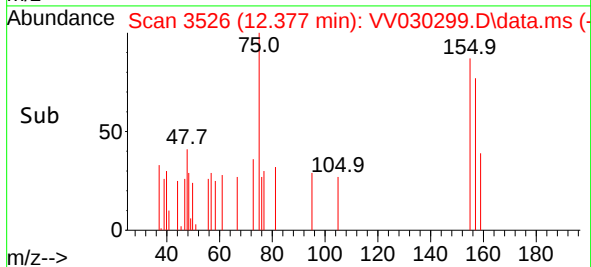
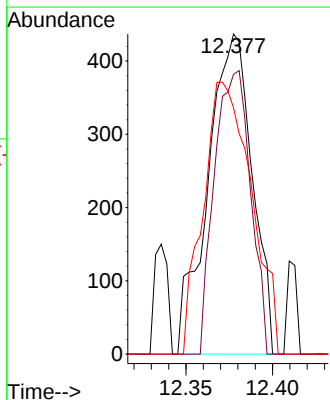
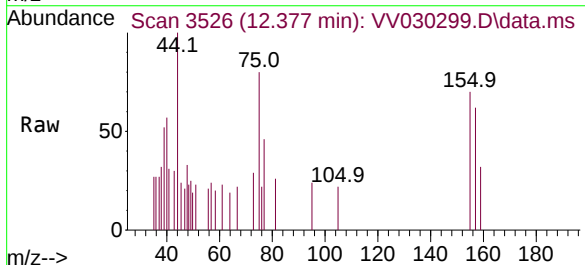
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5228

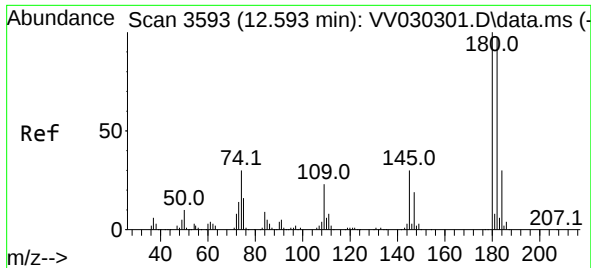
Tgt Ion:146 Resp: 9007
Ion Ratio Lower Upper
146 100
111 40.9 33.1 49.7
148 63.8 52.2 78.2



#68
1,2-Dibromo-3-chloropropane
Concen: 0.562 ug/L
RT: 12.377 min Scan# 3526
Delta R.T. 0.003 min
Lab File: VV030299.D
Acq: 23 Mar 2023 09:45

Tgt Ion: 75 Resp: 780
Ion Ratio Lower Upper
75 100
155 87.4 64.6 96.8
157 76.9 83.8 125.6#

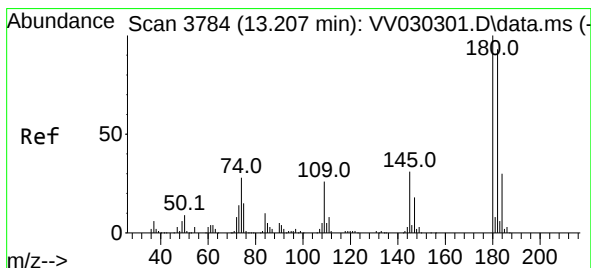
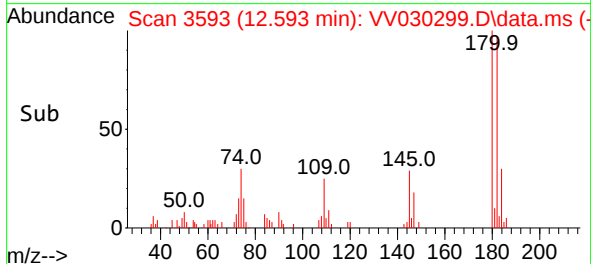
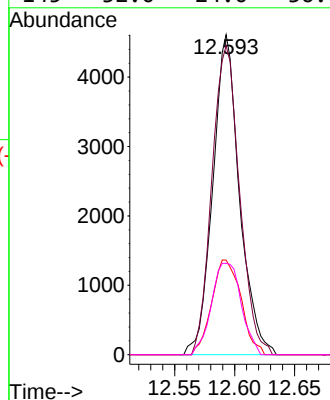
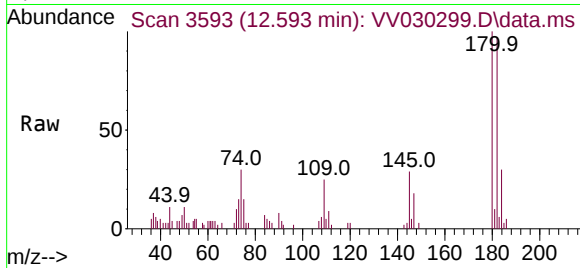




#69
 1,3,5-Trichlorobenzene
 Concen: 0.403 ug/L
 RT: 12.593 min Scan# 3593
 Delta R.T. -0.000 min
 Lab File: VV030299.D
 Acq: 23 Mar 2023 09:45

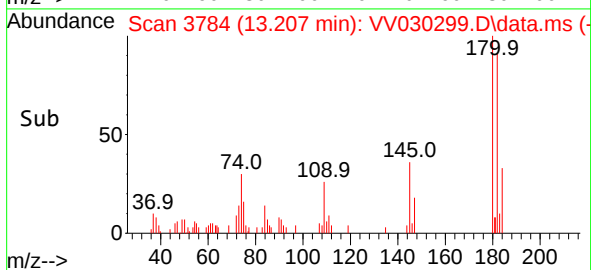
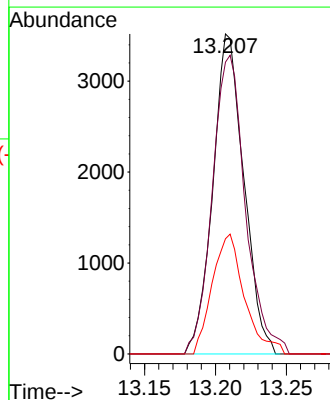
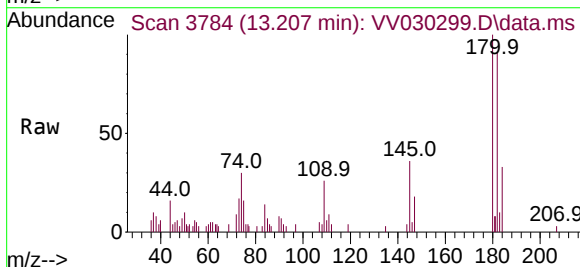
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5228

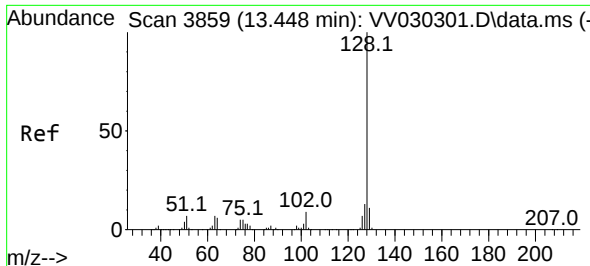
Tgt Ion:180	Resp:	7118
Ion Ratio	Lower	Upper
180	100	
182	99.9	76.5 114.7
184	32.5	24.0 36.0
145	32.0	24.0 36.0



#70
 1,2,4-trichlorobenzene
 Concen: 0.392 ug/L
 RT: 13.207 min Scan# 3784
 Delta R.T. -0.000 min
 Lab File: VV030299.D
 Acq: 23 Mar 2023 09:45

Tgt Ion:180	Resp:	5356
Ion Ratio	Lower	Upper
180	100	
182	99.8	75.3 112.9
145	38.9	23.8 35.6#

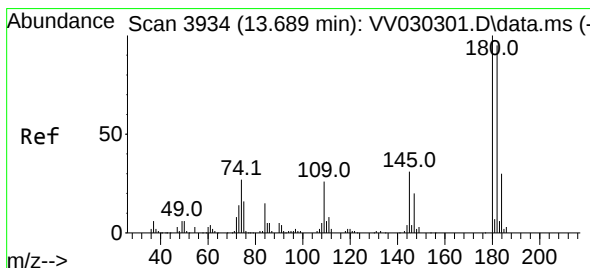
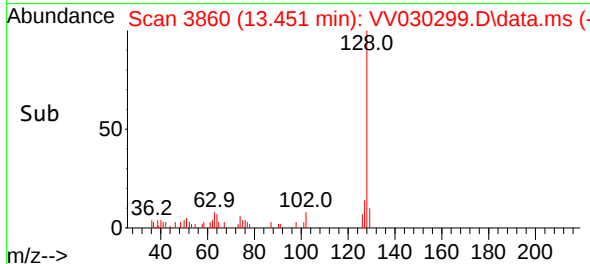
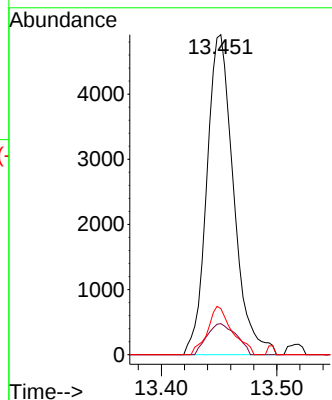
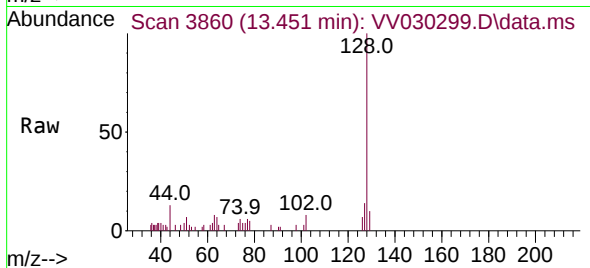




#71
Naphthalene
Concen: 0.405 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.003 min
Lab File: VV030299.D
Acq: 23 Mar 2023 09:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5228

Tgt Ion:128	Resp:	7899
Ion Ratio	Lower	Upper
128	100	
129	10.6	8.9 13.3
127	13.9	10.8 16.2



#72
1,2,3-Trichlorobenzene
Concen: 0.403 ug/L
RT: 13.693 min Scan# 3935
Delta R.T. 0.003 min
Lab File: VV030299.D
Acq: 23 Mar 2023 09:45

Tgt Ion:180	Resp:	4767
Ion Ratio	Lower	Upper
180	100	
182	96.5	76.6 115.0
145	33.2	25.0 37.4

