

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041723\
 Data File : VW030582.D
 Acq On : 17 Apr 2023 12:03
 Operator : SY/MD
 Sample : VSTD20019
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200219

Quant Time: Apr 18 02:12:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 18 02:09:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	297587	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	295642	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	180776	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	437463	200.529	ug/L	0.00
7) Chloroethane-d5	1.535	69	385911	211.096	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	65	201242	194.520	ug/L	0.00
21) 2-Butanone-d5	3.796	46	540946	448.525	ug/L	0.00
24) Chloroform-d	4.259	84	776959	196.526	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	504484	198.478	ug/L	0.00
32) Benzene-d6	4.969	84	1447332	207.063	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.998	67	445103	205.002	ug/L	0.00
41) Toluene-d8	7.252	98	1409128	214.716	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	245983	224.779	ug/L	0.00
47) 2-Hexanone-d5	8.034	63	403452	494.357	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.162	84	662783	210.371	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.570	152	599140	208.515	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	499436	195.202	ug/L	100
3) Chloromethane	1.217	50	640458	190.825	ug/L	99
5) Vinyl chloride	1.285	62	538957	199.179	ug/L	99
6) Bromomethane	1.490	94	203775	189.919	ug/L	99
8) Chloroethane	1.552	64	389193	209.711	ug/L	99
9) Trichlorofluoromethane	1.715	101	838619	191.224	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	449562	195.058	ug/L	98
12) 1,1-Dichloroethene	2.072	96	407637	195.627	ug/L	93
13) Acetone	2.127	43	667212	359.849	ug/L	98
14) Carbon disulfide	2.246	76	1187281	201.728	ug/L	98
15) Methyl Acetate	2.378	43	517772	209.256	ug/L	100
16) Methylene chloride	2.452	84	451233	189.232	ug/L	96
17) trans-1,2-Dichloroethene	2.699	96	429918	204.374	ug/L	98
18) Methyl tert-butyl Ether	2.712	73	1511794	224.371	ug/L	99
19) 1,1-Dichloroethane	3.117	63	844169	196.827	ug/L	99
20) cis-1,2-Dichloroethene	3.821	96	490121	214.187	ug/L	98
22) 2-Butanone	3.876	43	822068	422.763	ug/L	97
23) Bromochloromethane	4.156	128	250352	195.887	ug/L	96
25) Chloroform	4.285	83	884985	199.361	ug/L	99
27) 1,2-Dichloroethane	5.050	62	761231	202.620	ug/L	99
29) Cyclohexane	4.593	56	794908	224.054	ug/L	98
30) 1,1,1-Trichloroethane	4.522	97	810287	195.052	ug/L	99
31) Carbon tetrachloride	4.744	117	723732	194.857	ug/L	100
33) Benzene	5.018	78	1844664	205.472	ug/L	100
34) Trichloroethene	5.841	95	485593	207.945	ug/L	98
35) Methylcyclohexane	6.059	83	808895	221.066	ug/L	99
37) 1,2-Dichloropropane	6.101	63	489599	202.615	ug/L	99
38) Bromodichloromethane	6.439	83	677569	199.611	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	849838	234.327	ug/L	100
40) 4-Methyl-2-pentanone	7.165	43	1522184	457.265	ug/L	99
42) Toluene	7.323	91	2057031	213.917	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	824366	231.361	ug/L	100

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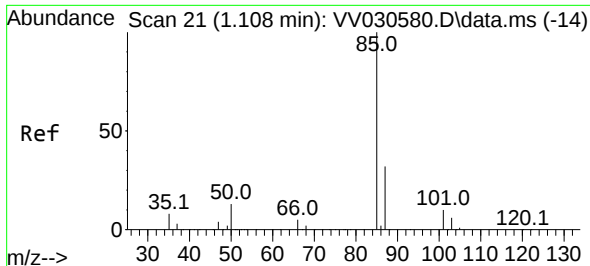
Quant Time: Apr 18 02:12:05 2023
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.776	97	485950	200.555	ug/L	98
46) Tetrachloroethene	7.915	164	419880	205.419	ug/L	99
48) 2-Hexanone	8.085	43	1242104	464.329	ug/L	100
49) Dibromochloromethane	8.185	129	552605	206.761	ug/L	98
50) 1,2-Dibromoethane	8.291	107	526836	209.844	ug/L	100
51) Chlorobenzene	8.821	112	1321286	207.471	ug/L	98
52) Ethylbenzene	8.953	91	2397114	225.176	ug/L	99
53) m,p-Xylene	9.082	106	907347	225.648	ug/L	99
54) o-Xylene	9.487	106	888355	225.828	ug/L	98
55) Styrene	9.503	104	1575240	227.966	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.188	83	832128	209.171	ug/L	100
59) Bromoform	9.673	173	455542	201.271	ug/L	100
60) Isopropylbenzene	9.876	105	2482441	220.188	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	639169	197.408	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	2122641	228.671	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	2142618	231.180	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	1198301	212.295	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	1217962	204.628	ug/L	99
67) 1,2-Dichlorobenzene	11.590	146	1186648	208.391	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	193241	201.744	ug/L	97
69) 1,3,5-Trichlorobenzene	12.593	180	923000	216.469	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	842653	232.759	ug/L	100
71) Naphthalene	13.448	128	2449695	247.360	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	828175	230.697	ug/L	99

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

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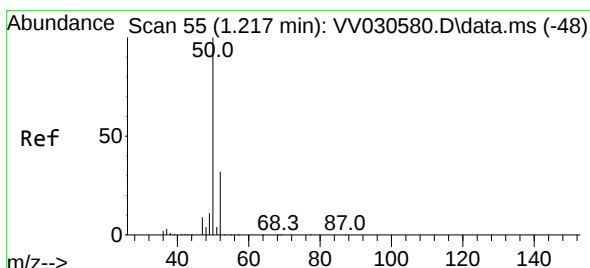
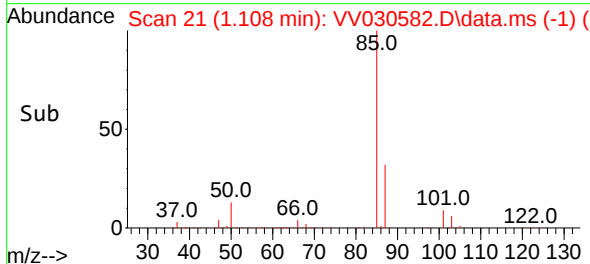
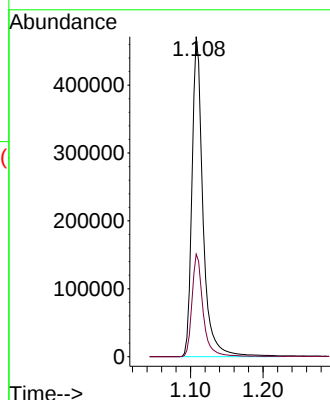
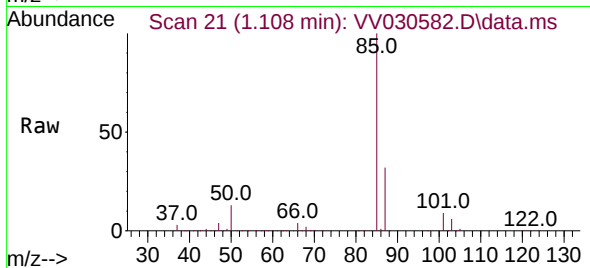




#2
 Dichlorodifluoromethane
 Concen: 195.202 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV030582.D
 Acq: 17 Apr 2023 12:03

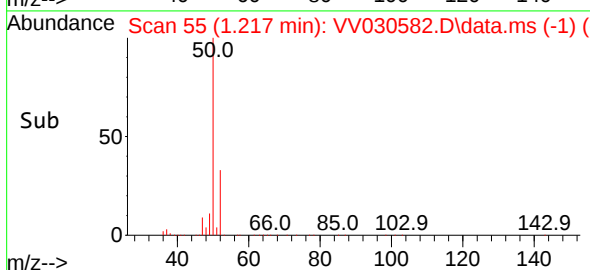
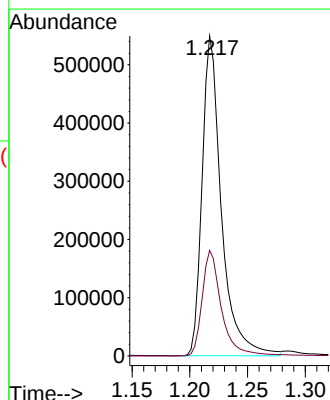
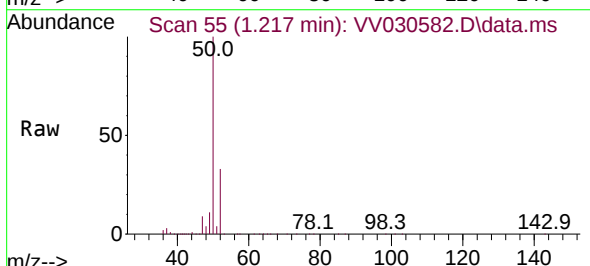
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200219

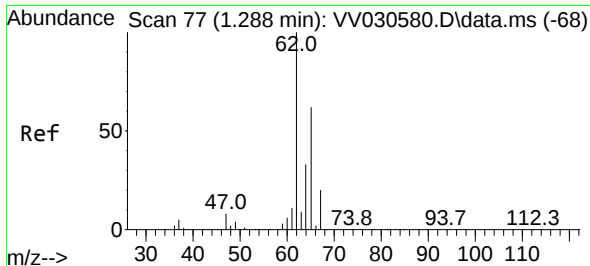
Tgt Ion: 85 Resp: 499436
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.6 38.4



#3
 Chloromethane
 Concen: 190.825 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV030582.D
 Acq: 17 Apr 2023 12:03

Tgt Ion: 50 Resp: 640458
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.5 41.9

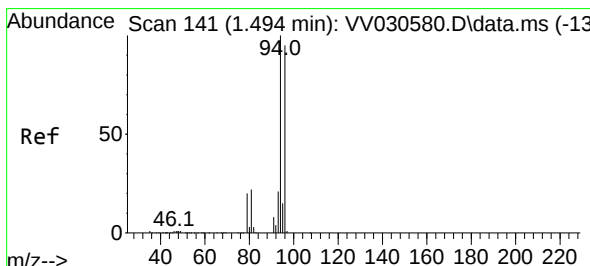
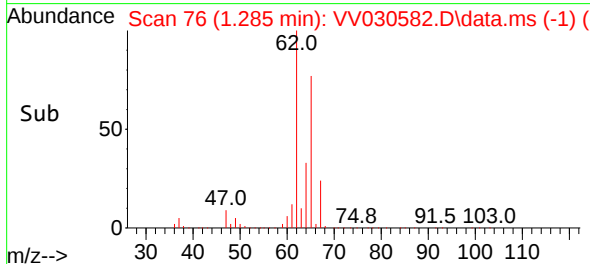
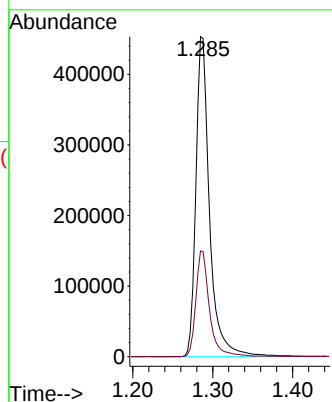
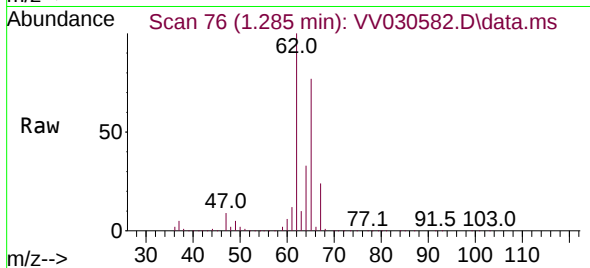




#5
 Vinyl chloride
 Concen: 199.179 ug/L
 RT: 1.285 min Scan# 77
 Delta R.T. -0.003 min
 Lab File: VV030582.D
 Acq: 17 Apr 2023 12:03

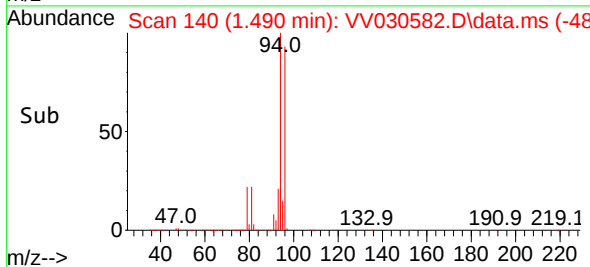
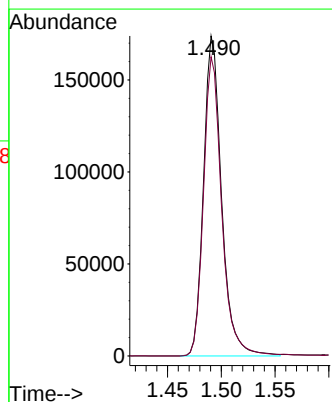
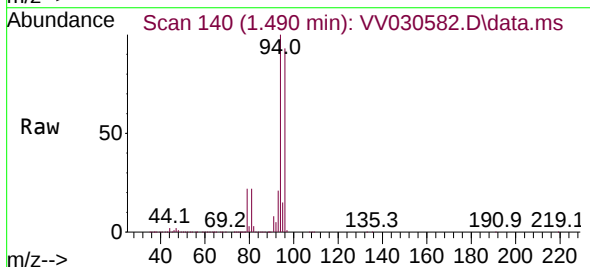
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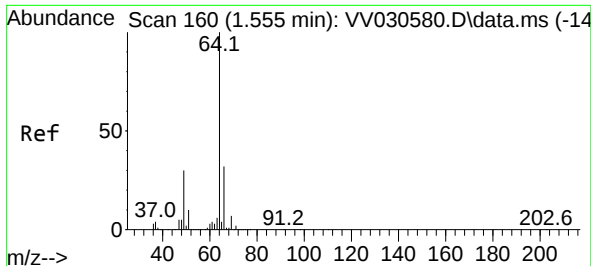
Tgt Ion: 62 Resp: 538957
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.4 43.4



#6
 Bromomethane
 Concen: 189.919 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. -0.003 min
 Lab File: VV030582.D
 Acq: 17 Apr 2023 12:03

Tgt Ion: 94 Resp: 203775
 Ion Ratio Lower Upper
 94 100
 96 93.5 66.3 123.1

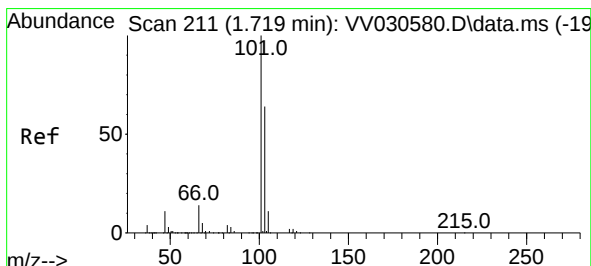
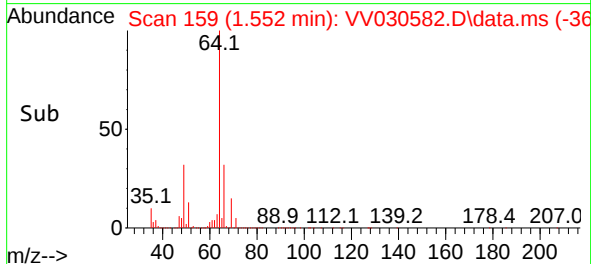
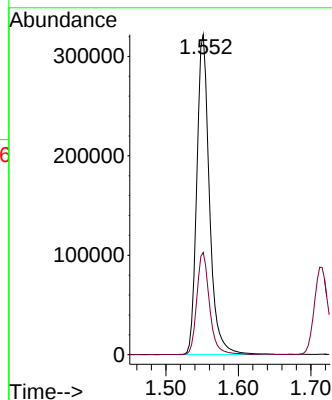
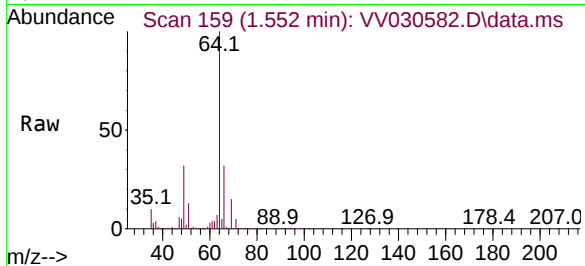




#8
Chloroethane
Concen: 209.711 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV030582.D
Acq: 17 Apr 2023 12:03

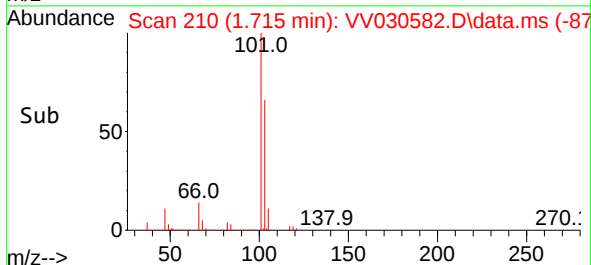
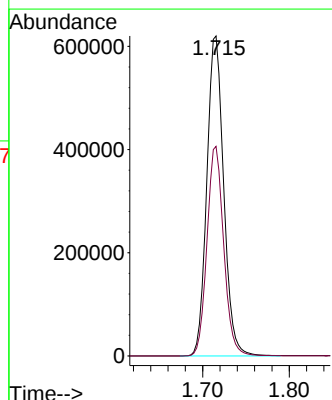
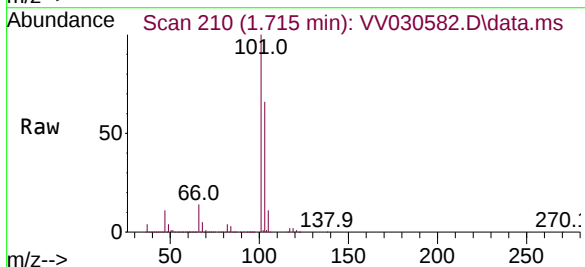
Instrument :
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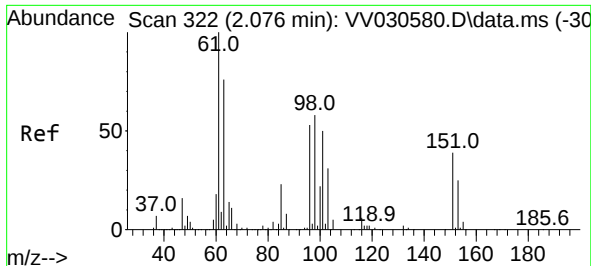
Tgt Ion: 64 Resp: 389193
Ion Ratio Lower Upper
64 100
66 31.9 22.7 42.3



#9
Trichlorofluoromethane
Concen: 191.224 ug/L
RT: 1.715 min Scan# 210
Delta R.T. -0.003 min
Lab File: VV030582.D
Acq: 17 Apr 2023 12:03

Tgt Ion:101 Resp: 838619
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.0

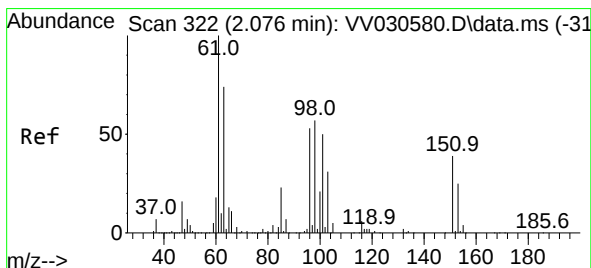
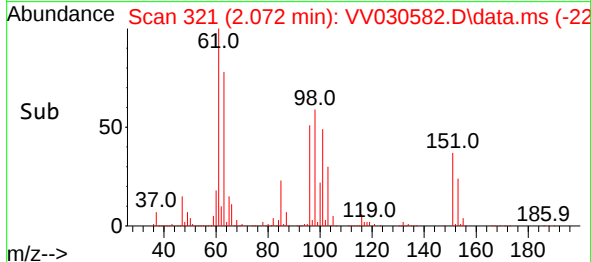
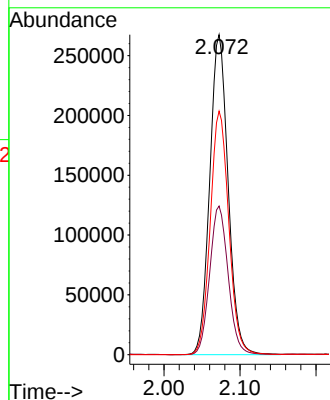
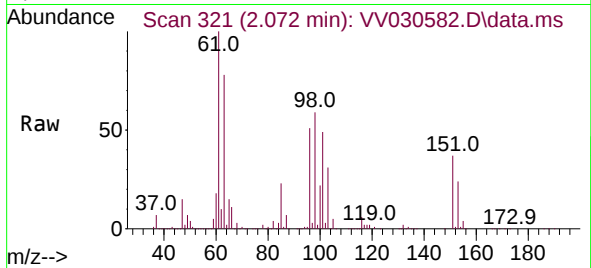




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 195.058 ug/L
 RT: 2.072 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV030582.D
 Acq: 17 Apr 2023 12:03

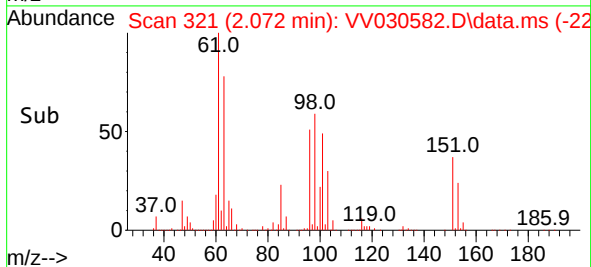
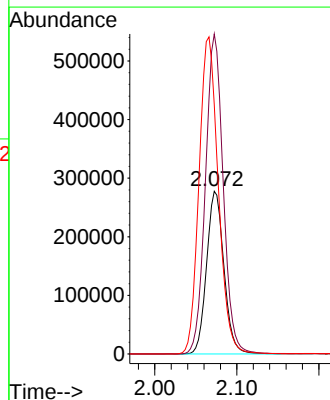
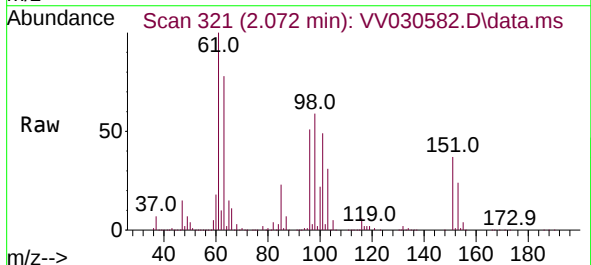
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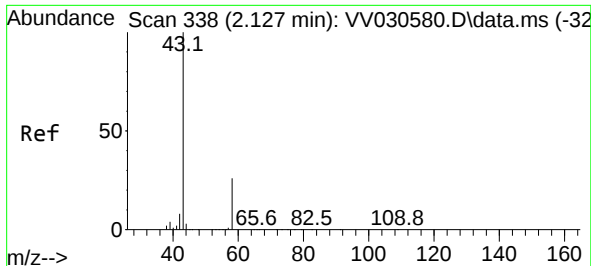
Tgt Ion:101 Resp: 449562
 Ion Ratio Lower Upper
 101 100
 85 46.5 37.5 56.3
 151 76.7 63.5 95.3



#12
 1,1-Dichloroethene
 Concen: 195.627 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. -0.003 min
 Lab File: VV030582.D
 Acq: 17 Apr 2023 12:03

Tgt Ion: 96 Resp: 407637
 Ion Ratio Lower Upper
 96 100
 61 196.7 131.9 245.0
 63 153.1 99.8 185.3





#13

Acetone

Concen: 359.849 ug/L

RT: 2.127 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV030582.D

Acq: 17 Apr 2023 12:03

Instrument :

MSVOA_V

ClientSampleId :

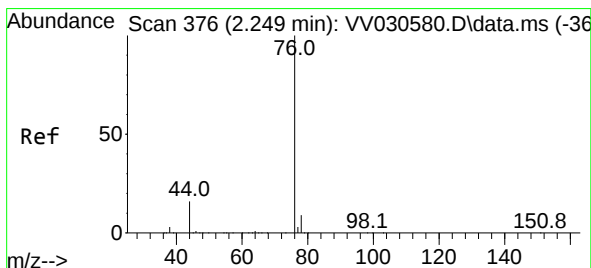
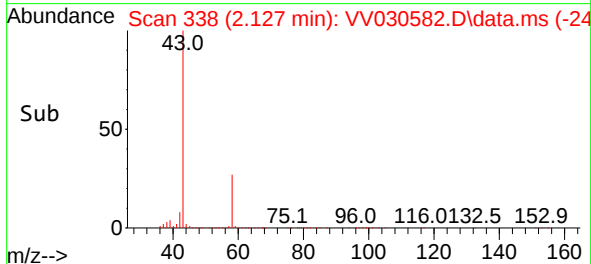
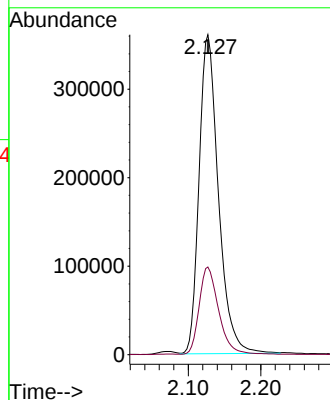
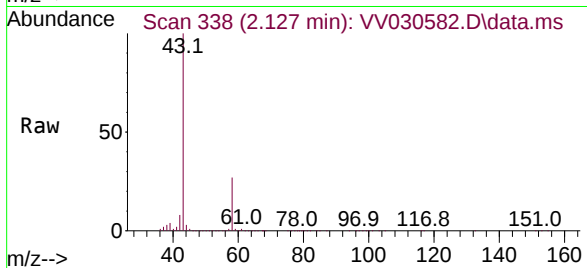
VSTD200219

Tgt Ion: 43 Resp: 667212

Ion Ratio Lower Upper

43 100

58 27.6 0.0 52.8



#14

Carbon disulfide

Concen: 201.728 ug/L

RT: 2.246 min Scan# 375

Delta R.T. -0.003 min

Lab File: VV030582.D

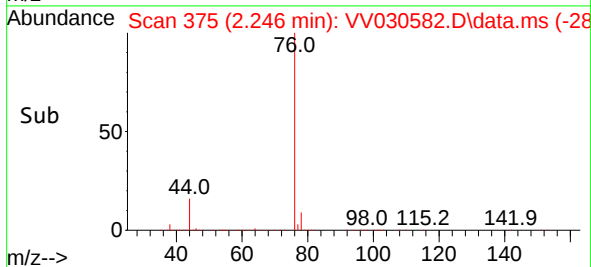
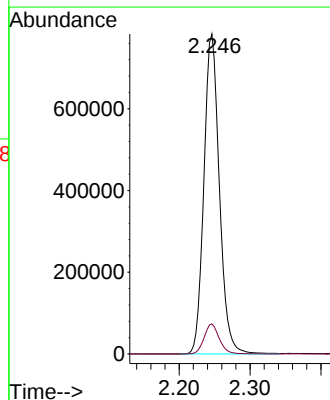
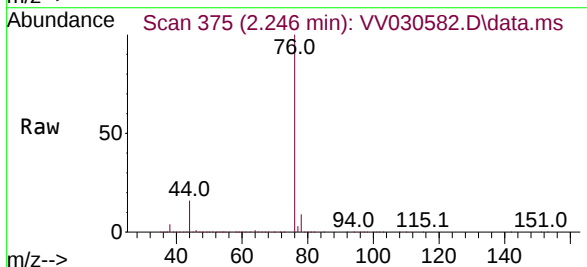
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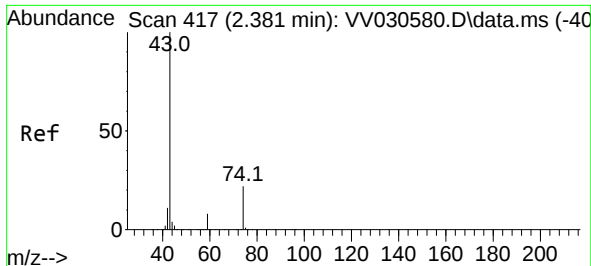
Tgt Ion: 76 Resp: 1187281

Ion Ratio Lower Upper

76 100

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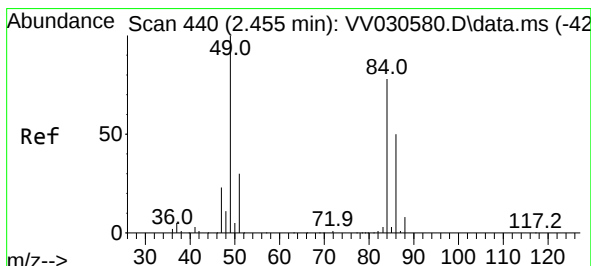
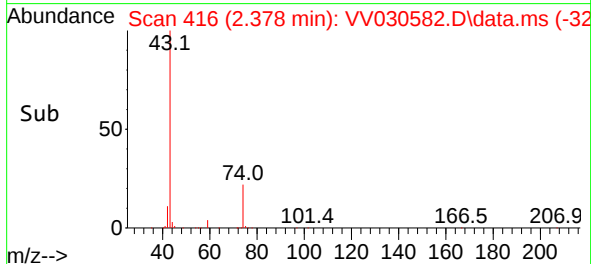
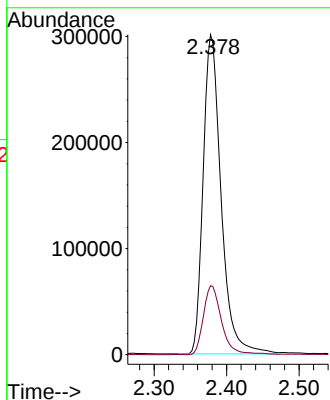
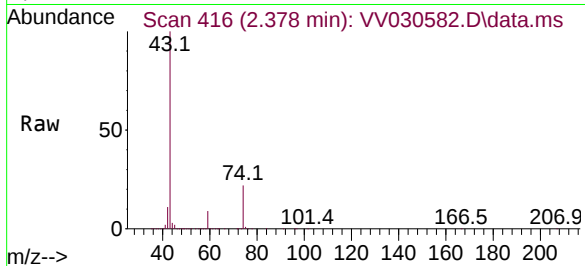




#15
Methyl Acetate
Concen: 209.256 ug/L
RT: 2.378 min Scan# 417
Delta R.T. -0.003 min
Lab File: VV030582.D
Acq: 17 Apr 2023 12:03

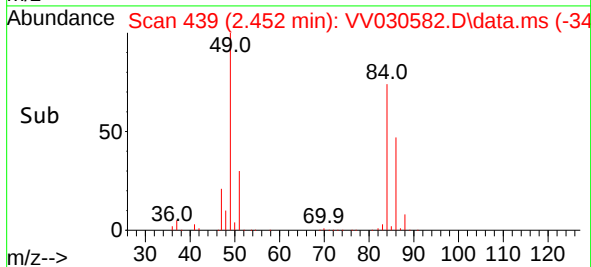
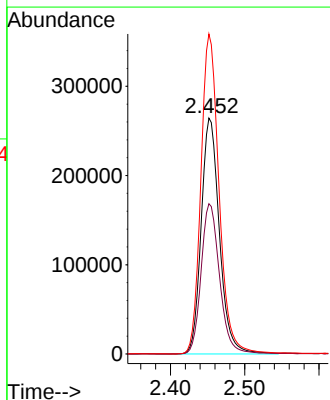
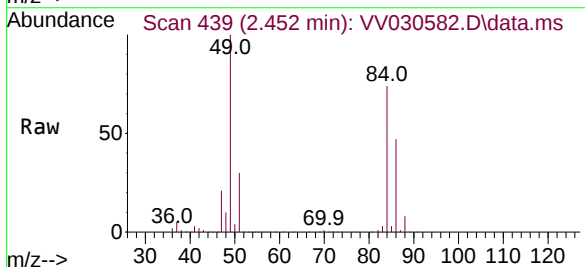
Instrument :
MSVOA_V
ClientSampleId :
VSTD200219

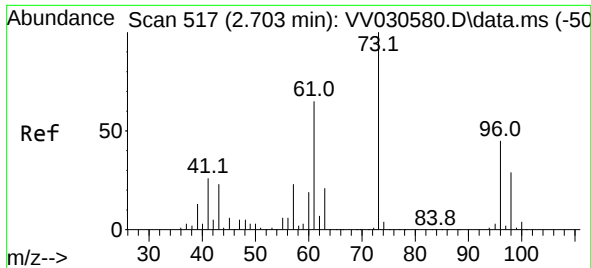
Tgt Ion: 43 Resp: 517772
Ion Ratio Lower Upper
43 100
74 21.9 17.7 26.5



#16
Methylene chloride
Concen: 189.232 ug/L
RT: 2.452 min Scan# 439
Delta R.T. -0.003 min
Lab File: VV030582.D
Acq: 17 Apr 2023 12:03

Tgt Ion: 84 Resp: 451233
Ion Ratio Lower Upper
84 100
86 63.7 45.4 84.2
49 135.6 90.4 168.0

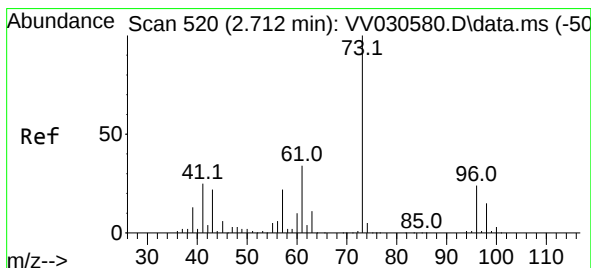
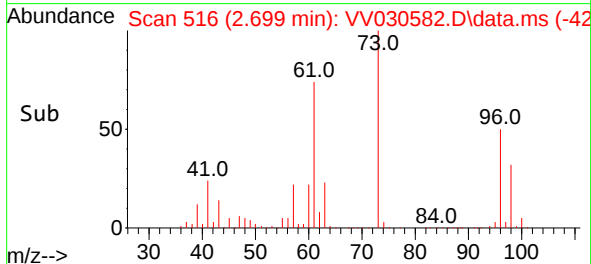
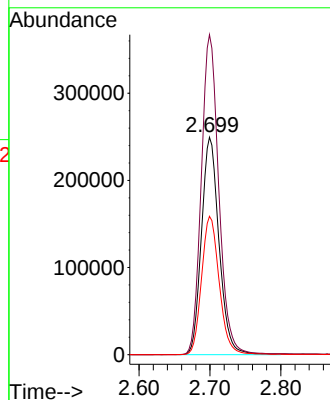
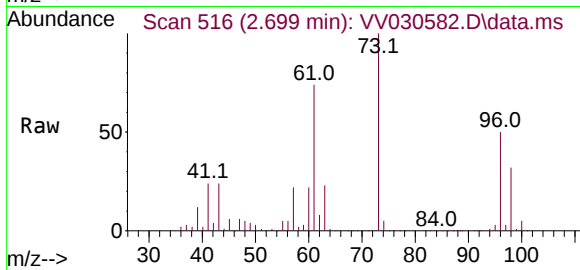




#17
trans-1,2-Dichloroethene
Concen: 204.374 ug/L
RT: 2.699 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV030582.D
Acq: 17 Apr 2023 12:03

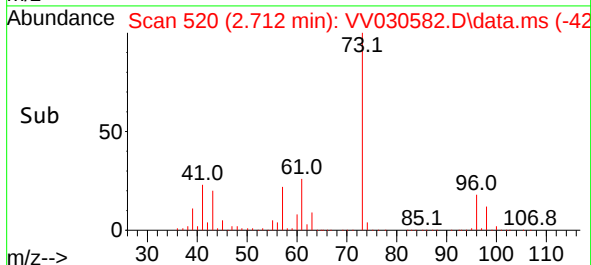
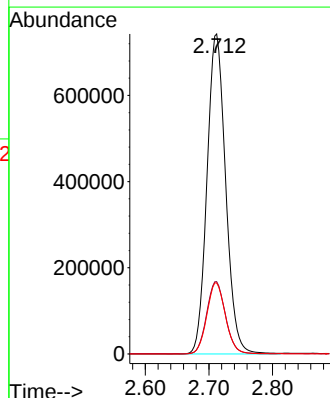
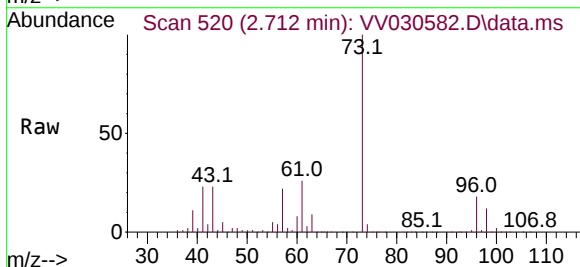
Instrument :
MSVOA_V
ClientSampleId :
VSTD200219

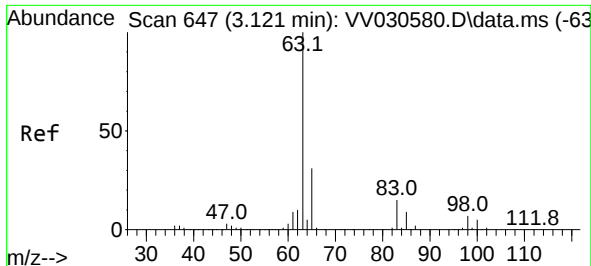
Tgt Ion: 96 Resp: 429918
Ion Ratio Lower Upper
96 100
61 147.2 101.0 187.6
98 63.6 45.4 84.2



#18
Methyl tert-butyl Ether
Concen: 224.371 ug/L
RT: 2.712 min Scan# 520
Delta R.T. 0.000 min
Lab File: VV030582.D
Acq: 17 Apr 2023 12:03

Tgt Ion: 73 Resp: 1511794
Ion Ratio Lower Upper
73 100
43 22.6 17.6 26.4
57 22.2 18.2 27.2





#19

1,1-Dichloroethane

Concen: 196.827 ug/L

RT: 3.117 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV030582.D

Acq: 17 Apr 2023 12:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD200219

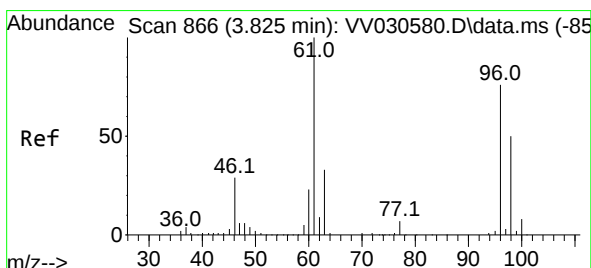
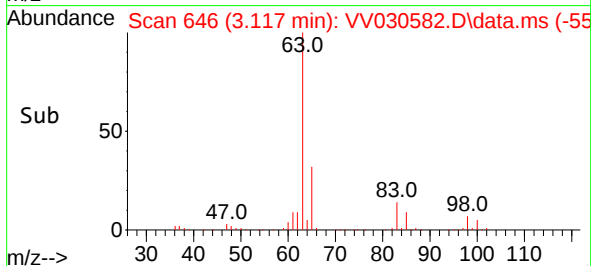
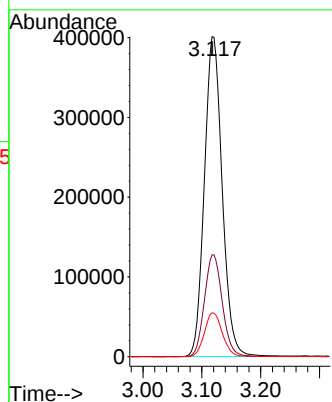
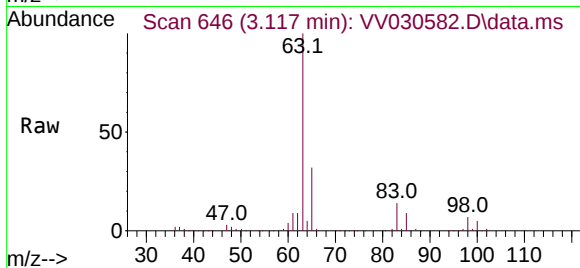
Tgt Ion: 63 Resp: 844169

Ion Ratio Lower Upper

63 100

65 31.8 21.8 40.6

83 13.7 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 214.187 ug/L

RT: 3.821 min Scan# 865

Delta R.T. -0.003 min

Lab File: VV030582.D

Acq: 17 Apr 2023 12:03

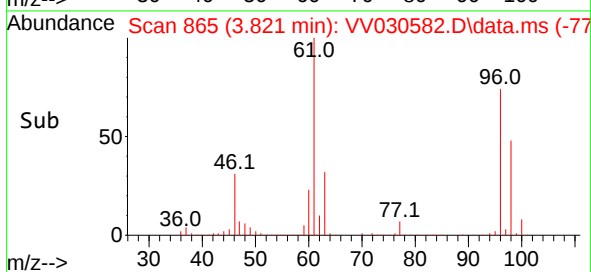
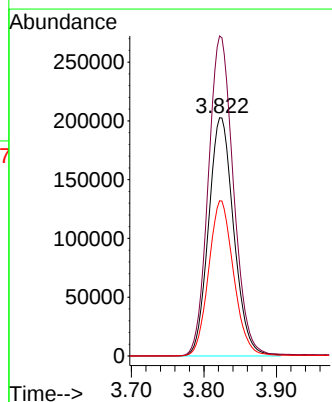
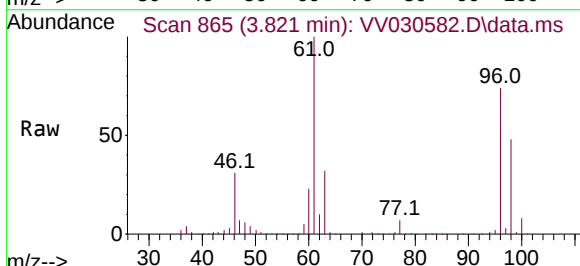
Tgt Ion: 96 Resp: 490121

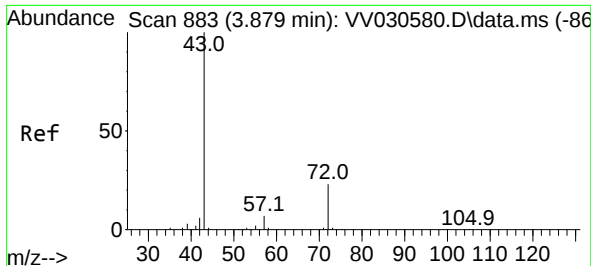
Ion Ratio Lower Upper

96 100

61 134.3 92.3 171.3

98 65.1 45.9 85.3

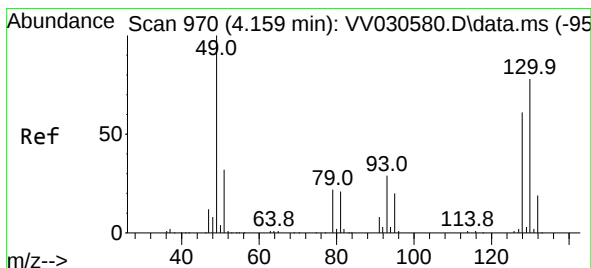
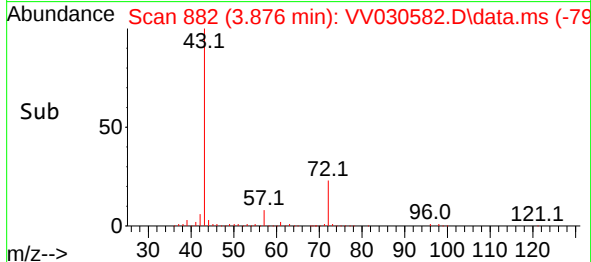
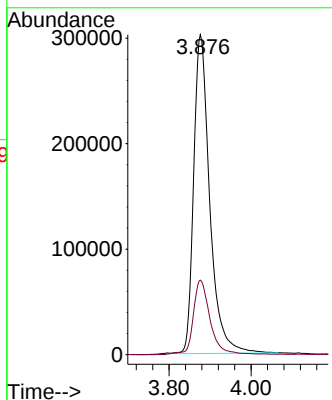
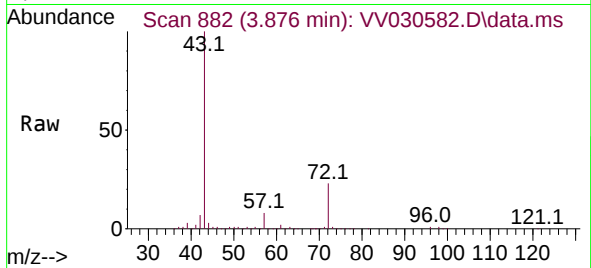




#22
2-Butanone
Concen: 422.763 ug/L
RT: 3.876 min Scan# 883
Delta R.T. -0.003 min
Lab File: VV030582.D
Acq: 17 Apr 2023 12:03

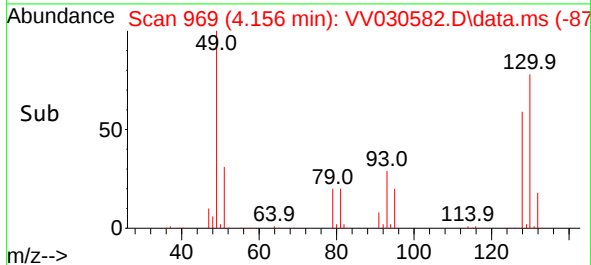
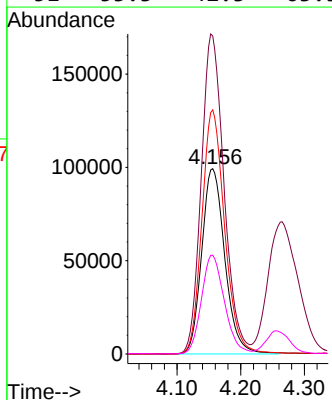
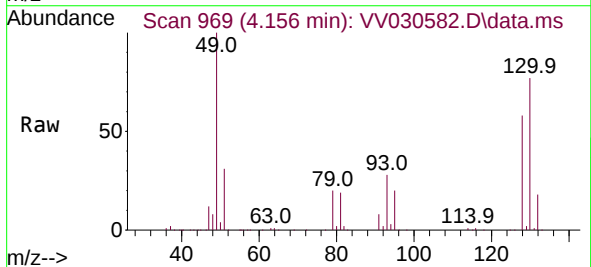
Instrument :
MSVOA_V
ClientSampleId :
VSTD200219

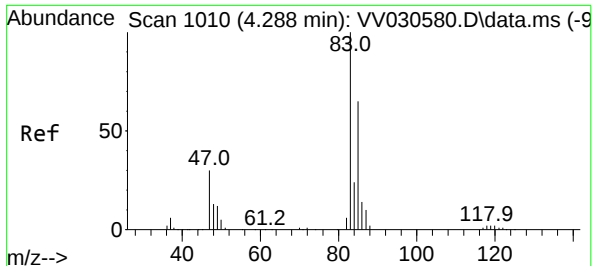
Tgt Ion: 43 Resp: 822068
Ion Ratio Lower Upper
43 100
72 24.2 11.5 34.4



#23
Bromochloromethane
Concen: 195.887 ug/L
RT: 4.156 min Scan# 969
Delta R.T. -0.003 min
Lab File: VV030582.D
Acq: 17 Apr 2023 12:03

Tgt Ion: 128 Resp: 250352
Ion Ratio Lower Upper
128 100
49 171.6 114.7 213.1
130 131.8 89.0 165.2
51 53.3 42.3 63.5





#25

Chloroform

Concen: 199.361 ug/L

RT: 4.285 min Scan# 1010

Delta R.T. -0.003 min

Lab File: VV030582.D

Acq: 17 Apr 2023 12:03

Instrument :

MSVOA_V

ClientSampleId :

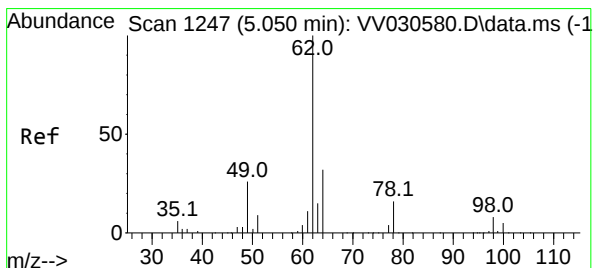
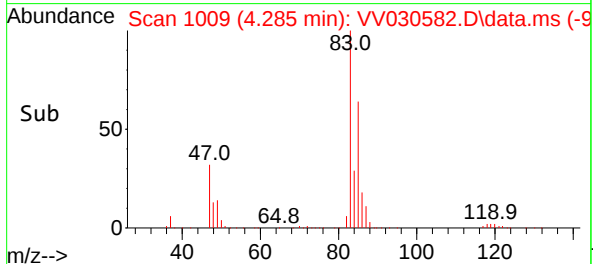
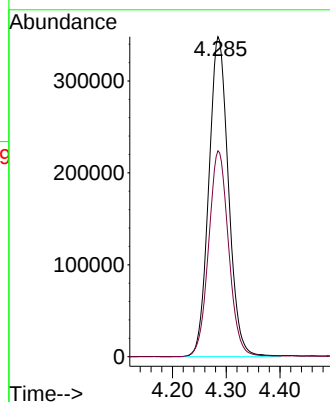
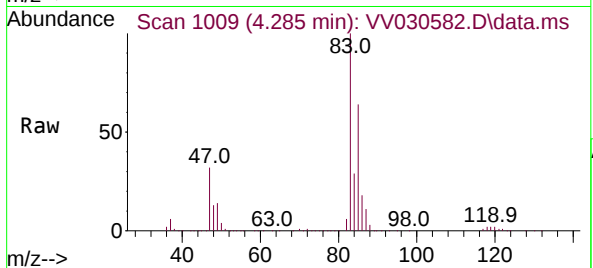
VSTD200219

Tgt Ion: 83 Resp: 884985

Ion Ratio Lower Upper

83 100

85 64.4 45.8 85.2



#27

1,2-Dichloroethane

Concen: 202.620 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. 0.000 min

Lab File: VV030582.D

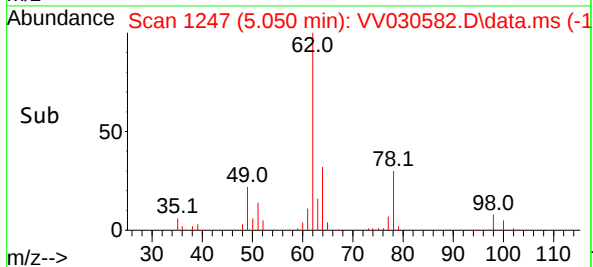
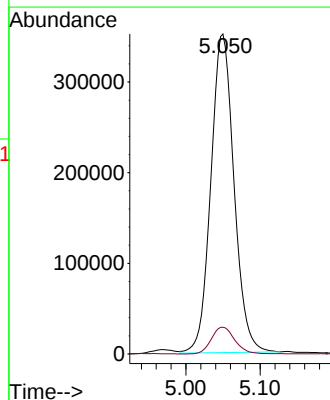
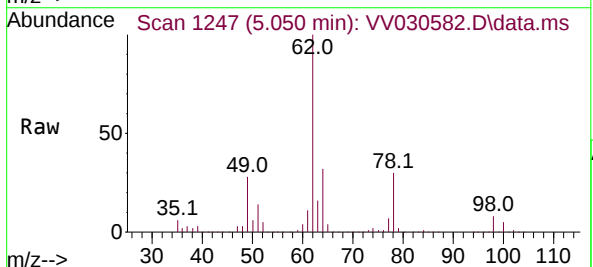
Acq: 17 Apr 2023 12:03

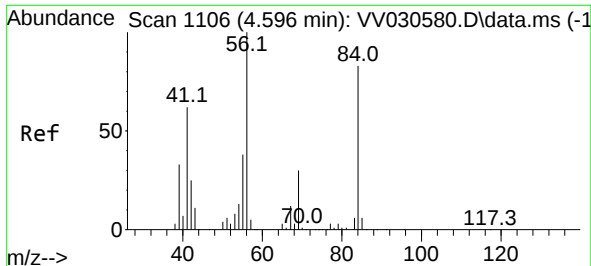
Tgt Ion: 62 Resp: 761231

Ion Ratio Lower Upper

62 100

98 8.4 6.4 9.6

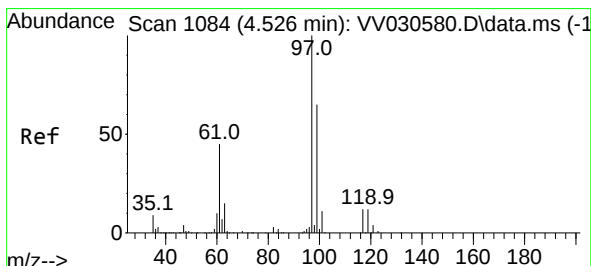
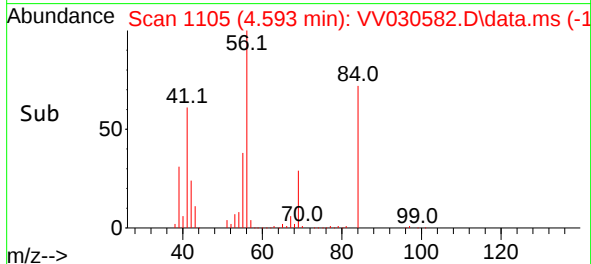
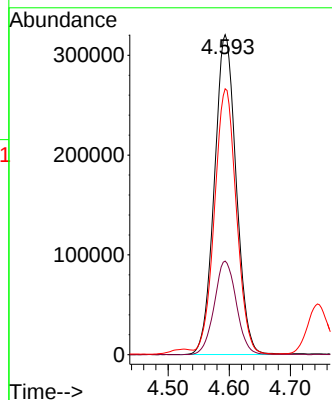
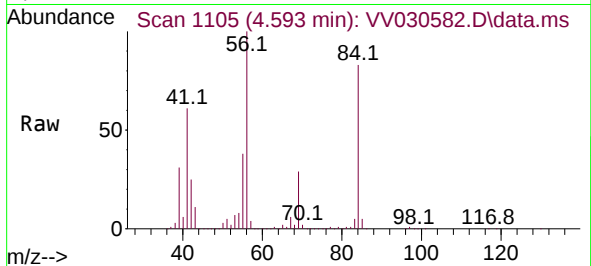




#29
Cyclohexane
Concen: 224.054 ug/L
RT: 4.593 min Scan# 1105
Delta R.T. -0.003 min
Lab File: VV030582.D
Acq: 17 Apr 2023 12:03

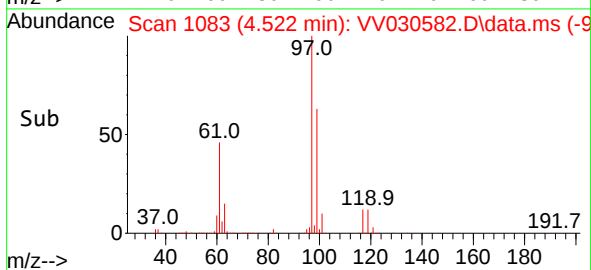
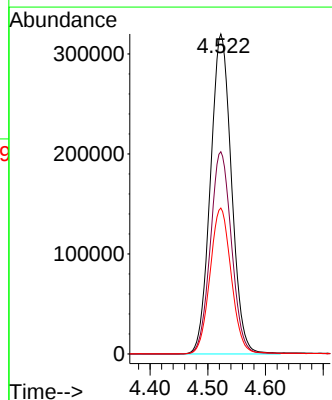
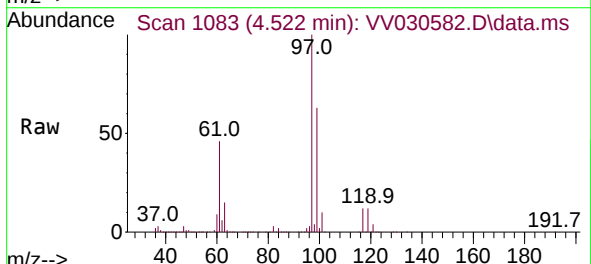
Instrument :
MSVOA_V
ClientSampleId :
VSTD200219

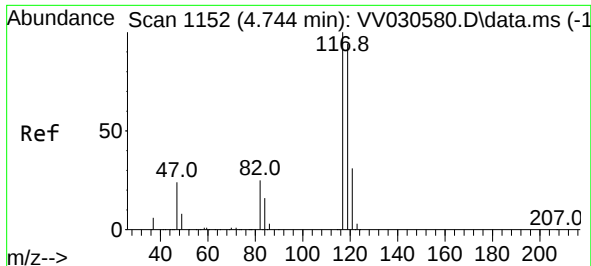
Tgt Ion: 56 Resp: 794908
Ion Ratio Lower Upper
56 100
69 29.7 24.0 36.0
84 83.2 68.2 102.2



#30
1,1,1-Trichloroethane
Concen: 195.052 ug/L
RT: 4.522 min Scan# 1083
Delta R.T. -0.003 min
Lab File: VV030582.D
Acq: 17 Apr 2023 12:03

Tgt Ion: 97 Resp: 810287
Ion Ratio Lower Upper
97 100
99 63.6 51.4 77.0
61 45.9 37.0 55.6

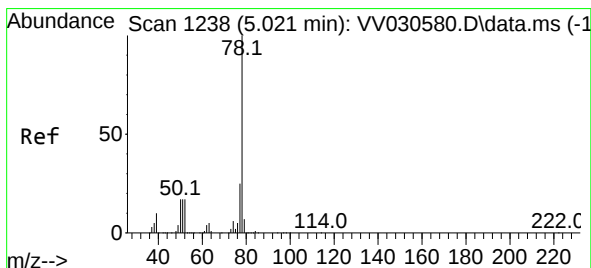
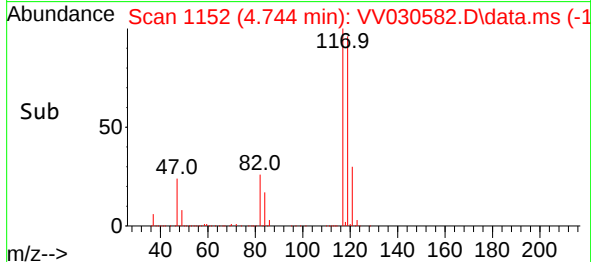
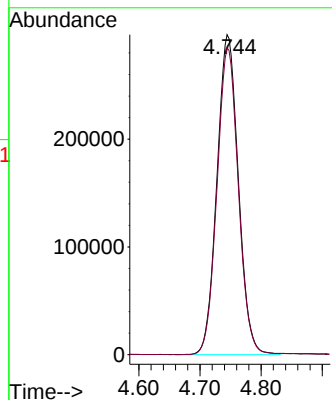
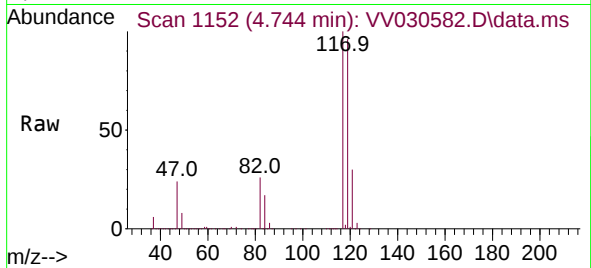




#31
Carbon tetrachloride
Concen: 194.857 ug/L
RT: 4.744 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VV030582.D
Acq: 17 Apr 2023 12:03

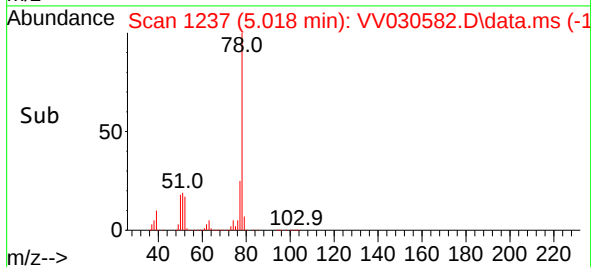
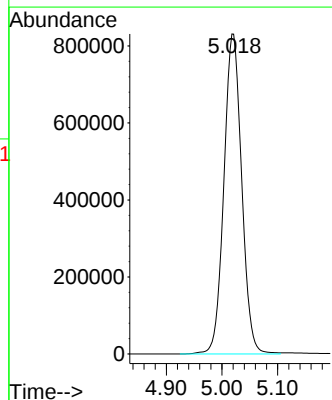
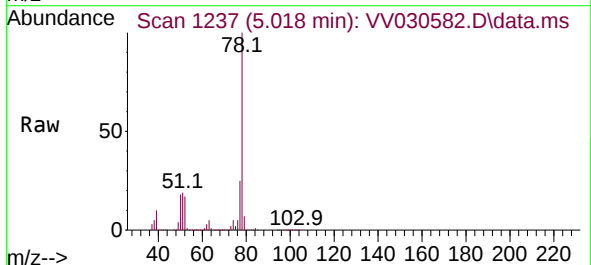
Instrument : MSVOA_V
ClientSampleId : VSTD200219

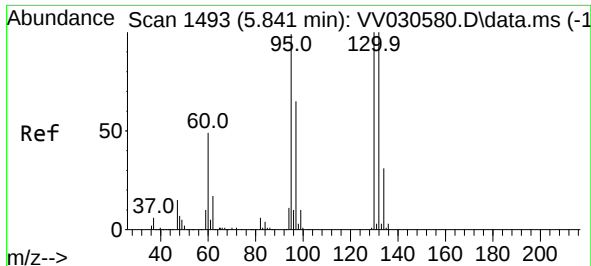
Tgt Ion:117 Resp: 723732
Ion Ratio Lower Upper
117 100
119 95.3 75.9 113.9



#33
Benzene
Concen: 205.472 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. -0.003 min
Lab File: VV030582.D
Acq: 17 Apr 2023 12:03

Tgt Ion: 78 Resp: 1844664





#34

Trichloroethene

Concen: 207.945 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VV030582.D

Acq: 17 Apr 2023 12:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD200219

Tgt Ion: 95 Resp: 485593

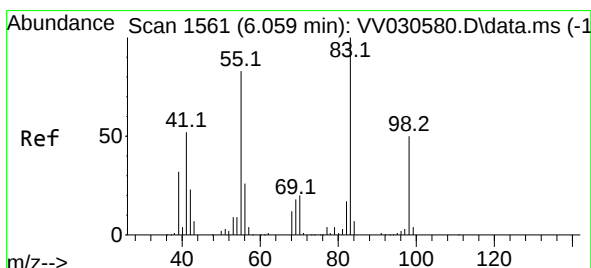
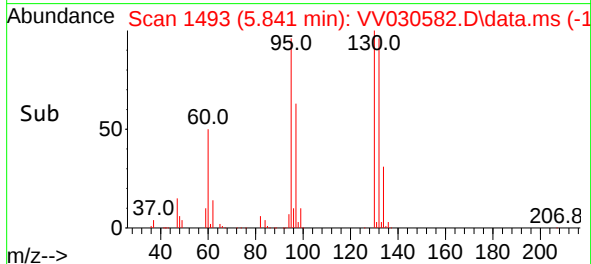
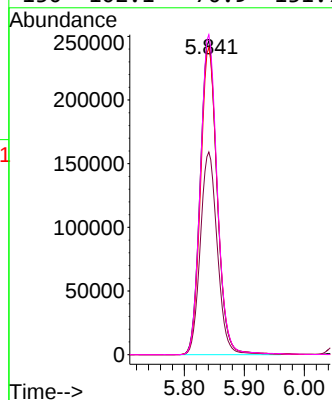
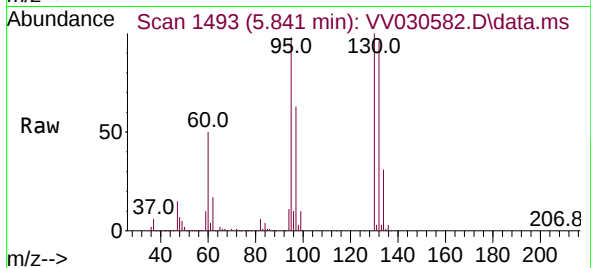
Ion Ratio Lower Upper

95 100

97 64.6 45.8 85.2

132 97.9 70.6 131.2

130 102.1 70.9 131.7



#35

Methylcyclohexane

Concen: 221.066 ug/L

RT: 6.059 min Scan# 1561

Delta R.T. 0.000 min

Lab File: VV030582.D

Acq: 17 Apr 2023 12:03

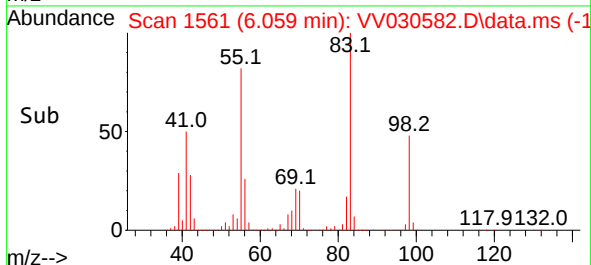
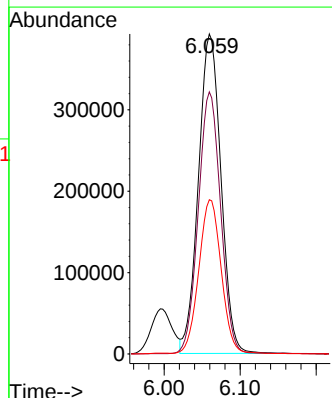
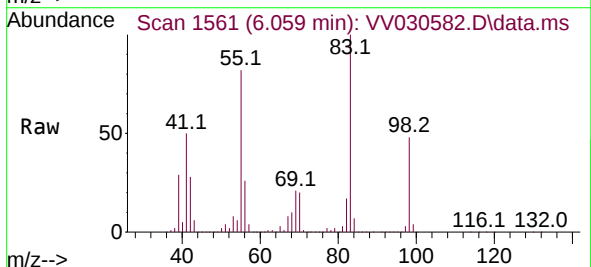
Tgt Ion: 83 Resp: 808895

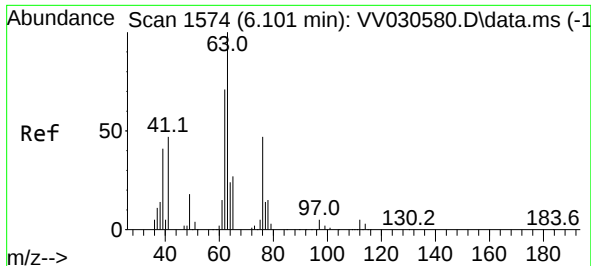
Ion Ratio Lower Upper

83 100

55 81.1 65.5 98.3

98 48.0 38.7 58.1





#37

1,2-Dichloropropane

Concen: 202.615 ug/L

RT: 6.101 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV030582.D

Acq: 17 Apr 2023 12:03

Instrument :

MSVOA_V

ClientSampleId :

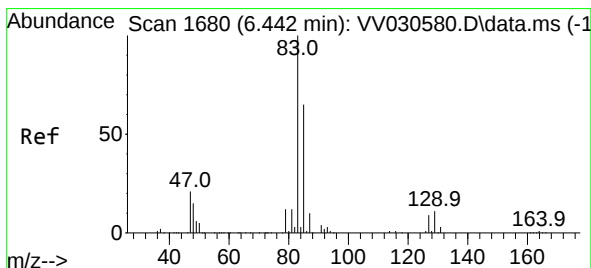
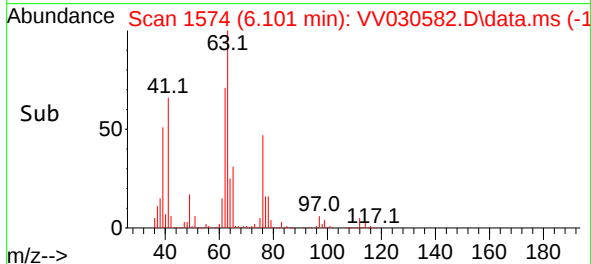
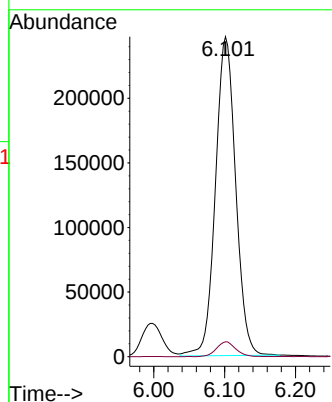
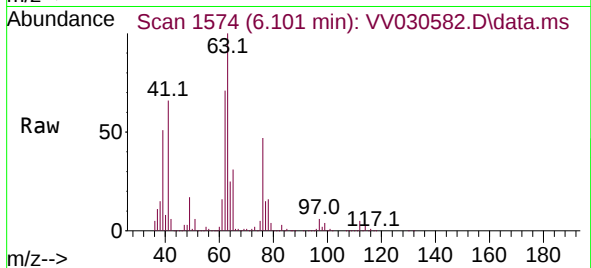
VSTD200219

Tgt Ion: 63 Resp: 489599

Ion Ratio Lower Upper

63 100

112 4.5 3.8 5.8



#38

Bromodichloromethane

Concen: 199.611 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. -0.003 min

Lab File: VV030582.D

Acq: 17 Apr 2023 12:03

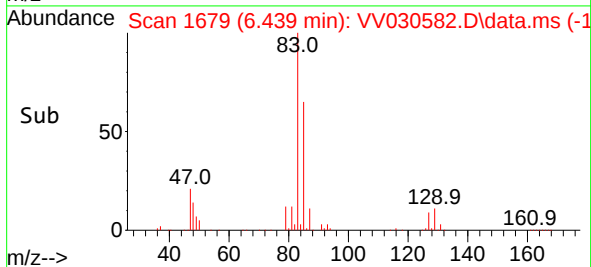
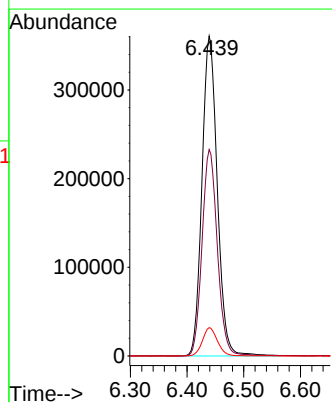
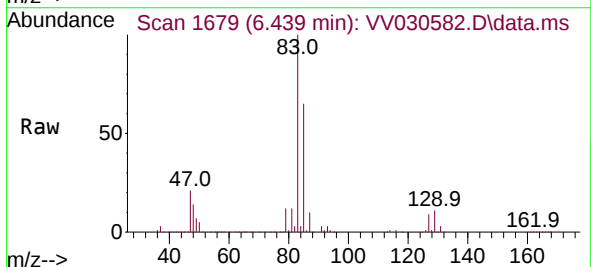
Tgt Ion: 83 Resp: 677569

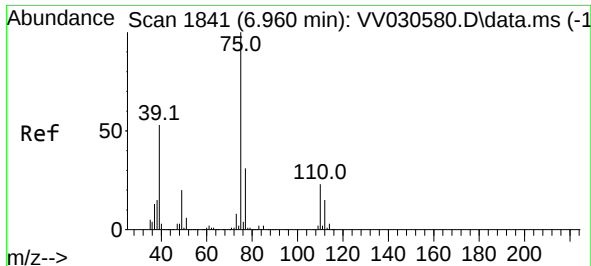
Ion Ratio Lower Upper

83 100

85 64.5 45.4 84.4

127 8.9 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 234.327 ug/L

RT: 6.960 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VV030582.D

Acq: 17 Apr 2023 12:03

Instrument :

MSVOA_V

ClientSampleId :

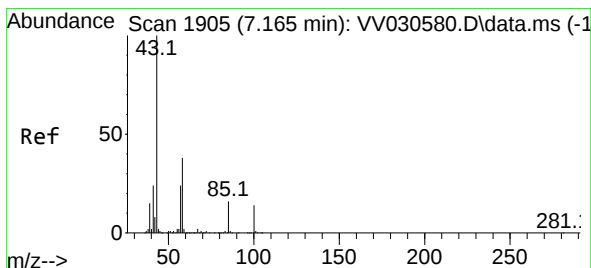
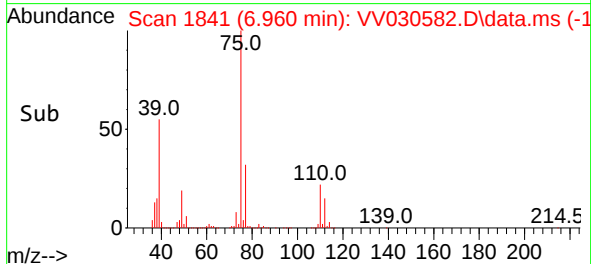
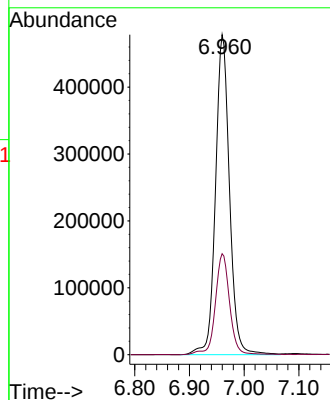
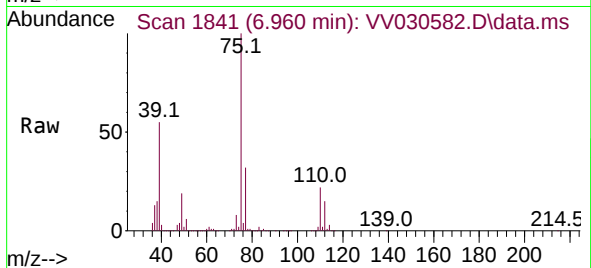
VSTD200219

Tgt Ion: 75 Resp: 849838

Ion Ratio Lower Upper

75 100

77 31.6 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 457.265 ug/L

RT: 7.165 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VV030582.D

Acq: 17 Apr 2023 12:03

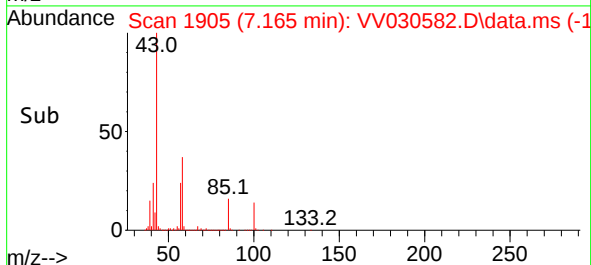
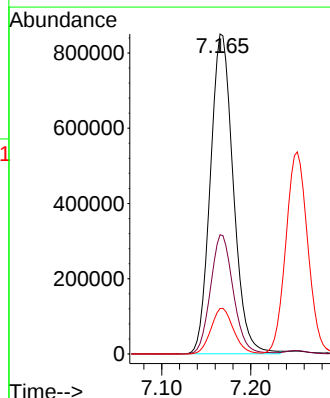
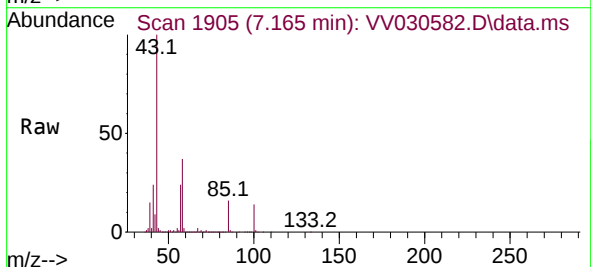
Tgt Ion: 43 Resp: 1522184

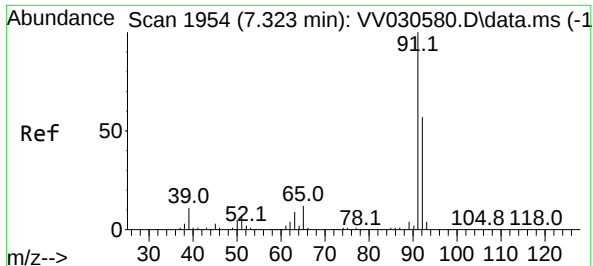
Ion Ratio Lower Upper

43 100

58 36.9 29.2 43.8

100 14.0 11.3 16.9

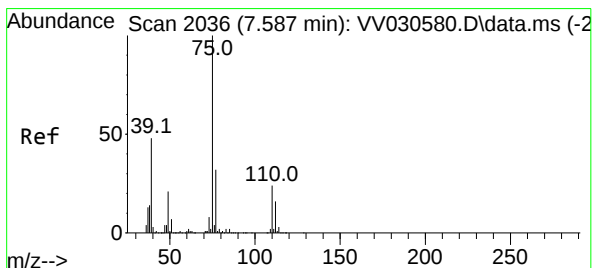
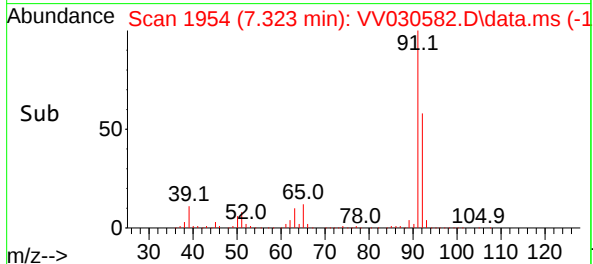
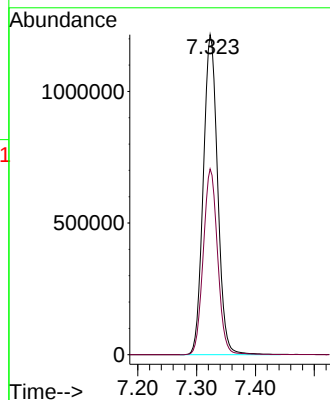
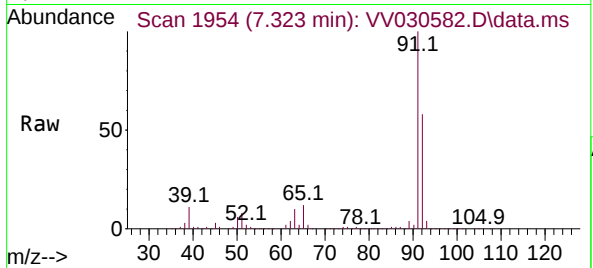




#42
Toluene
Concen: 213.917 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VV030582.D
Acq: 17 Apr 2023 12:03

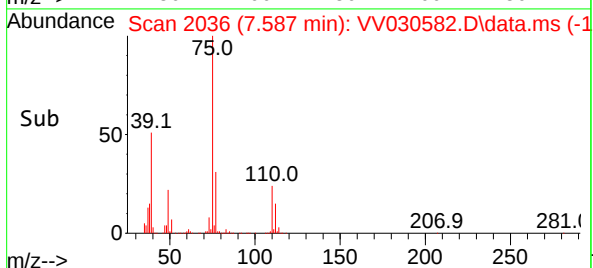
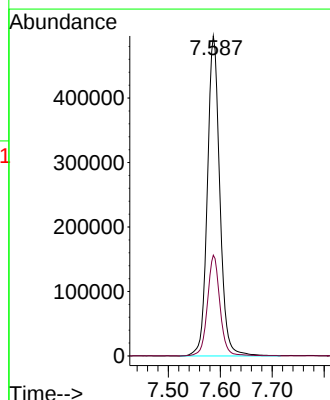
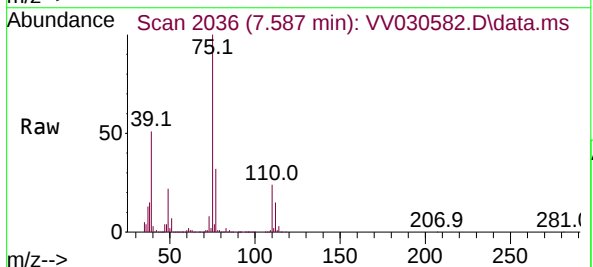
Instrument :
MSVOA_V
ClientSampleId :
VSTD200219

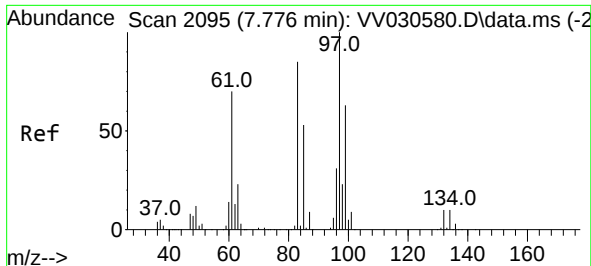
Tgt Ion: 91 Resp: 2057031
Ion Ratio Lower Upper
91 100
92 58.1 39.8 73.8



#44
trans-1,3-Dichloropropene
Concen: 231.361 ug/L
RT: 7.587 min Scan# 2036
Delta R.T. 0.000 min
Lab File: VV030582.D
Acq: 17 Apr 2023 12:03

Tgt Ion: 75 Resp: 824366
Ion Ratio Lower Upper
75 100
77 31.5 22.1 41.1



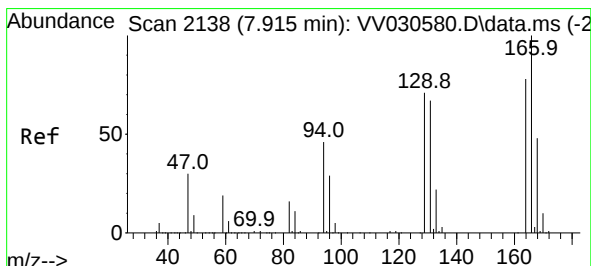
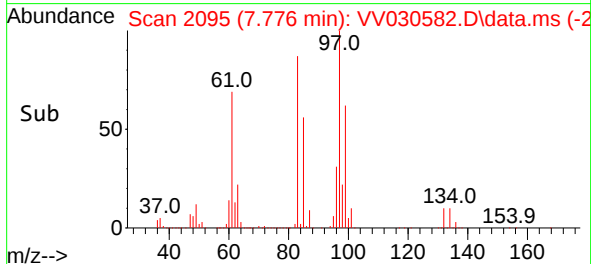
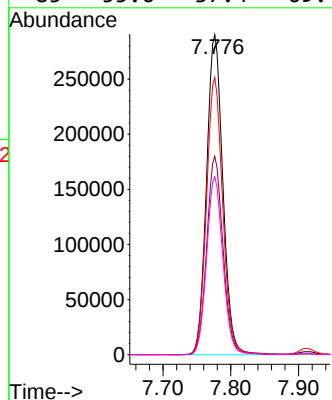
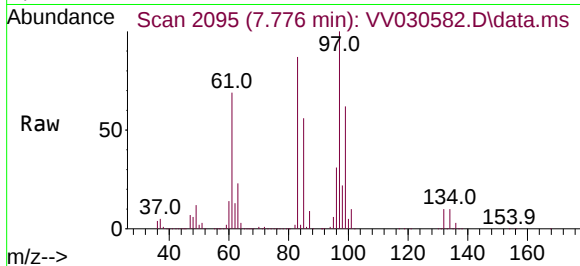


#45
1,1,2-Trichloroethane
Concen: 200.555 ug/L
RT: 7.776 min Scan# 2095
Delta R.T. 0.000 min
Lab File: VV030582.D
Acq: 17 Apr 2023 12:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD200219

Tgt Ion: 97 Resp: 485950

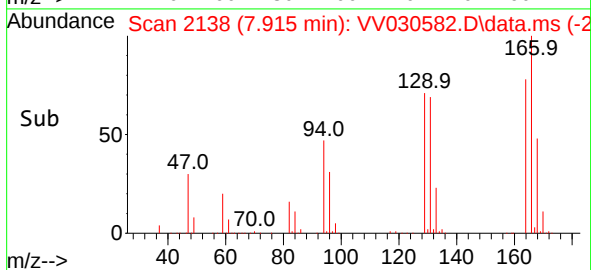
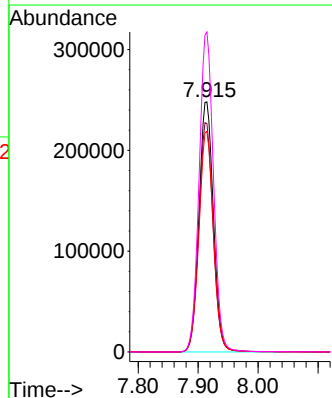
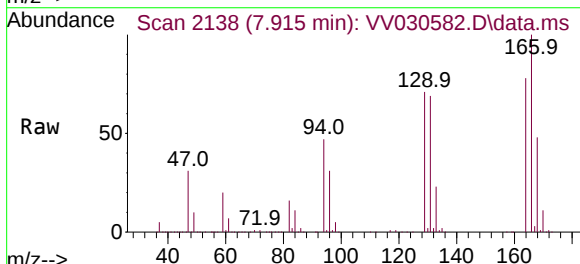
Ion	Ratio	Lower	Upper
97	100		
99	61.9	43.8	81.4
83	86.6	59.6	110.6
85	55.6	37.4	69.4

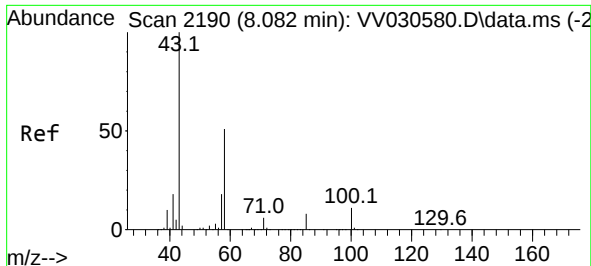


#46
Tetrachloroethene
Concen: 205.419 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VV030582.D
Acq: 17 Apr 2023 12:03

Tgt Ion: 164 Resp: 419880

Ion	Ratio	Lower	Upper
164	100		
129	91.3	63.8	118.6
131	88.2	60.3	111.9
166	127.9	89.5	166.1



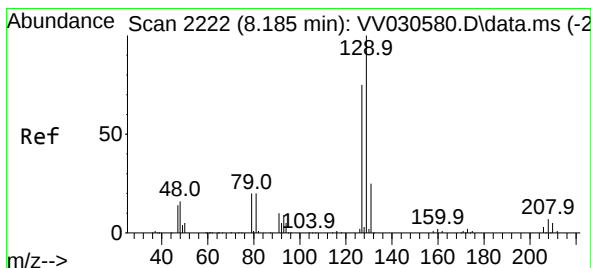
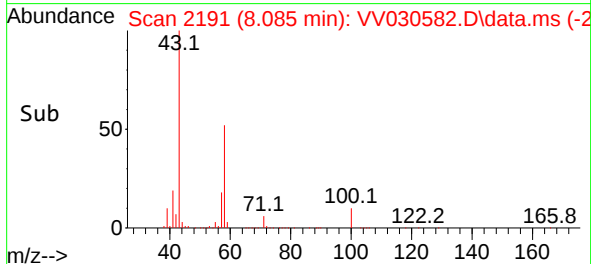
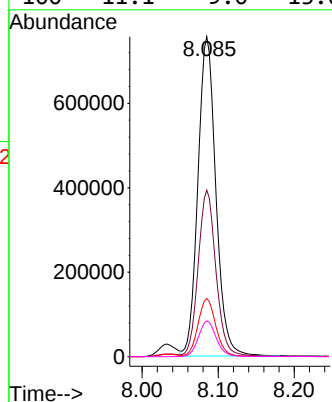
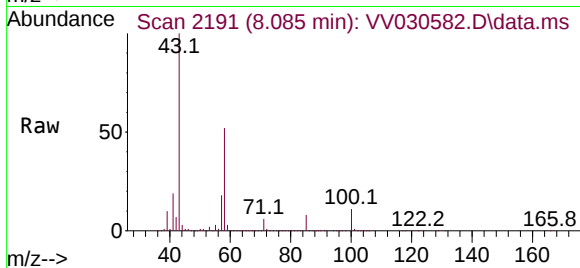


#48
2-Hexanone
Concen: 464.329 ug/L
RT: 8.085 min Scan# 2190
Delta R.T. 0.003 min
Lab File: VV030582.D
Acq: 17 Apr 2023 12:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD200219

Tgt Ion: 43 Resp: 1242104

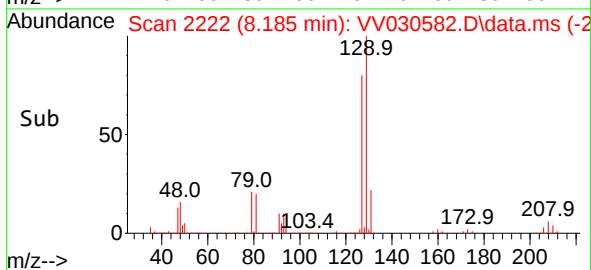
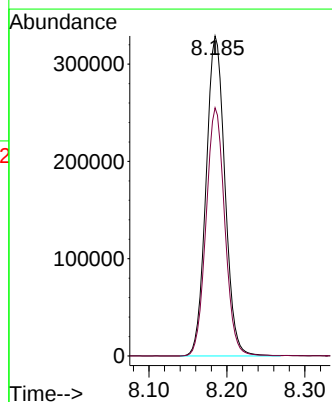
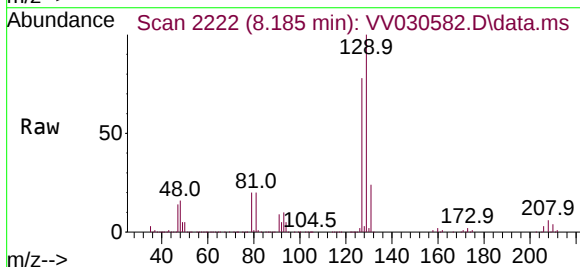
Ion	Ratio	Lower	Upper
43	100		
58	51.7	41.4	62.0
57	18.1	14.9	22.3
100	11.1	9.0	13.6

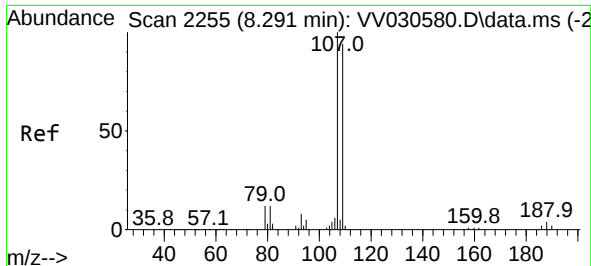


#49
Dibromochloromethane
Concen: 206.761 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. 0.000 min
Lab File: VV030582.D
Acq: 17 Apr 2023 12:03

Tgt Ion: 129 Resp: 552605

Ion	Ratio	Lower	Upper
129	100		
127	77.5	52.8	98.2





#50

1,2-Dibromoethane

Concen: 209.844 ug/L

RT: 8.291 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV030582.D

Acq: 17 Apr 2023 12:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD200219

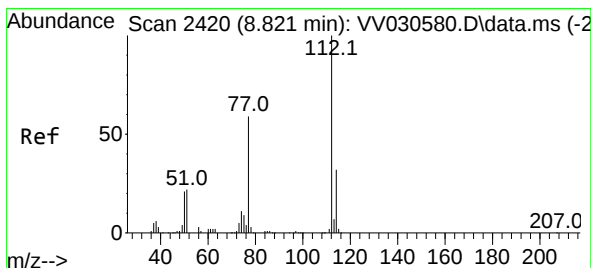
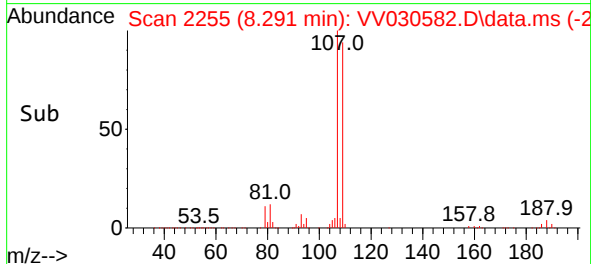
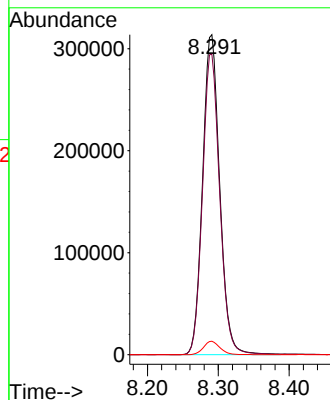
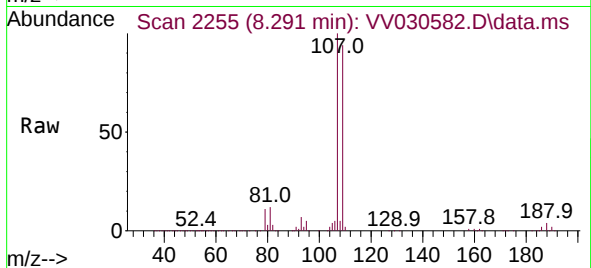
Tgt Ion:107 Resp: 526836

Ion Ratio Lower Upper

107 100

109 93.9 65.7 121.9

188 4.2 3.2 4.8



#51

Chlorobenzene

Concen: 207.471 ug/L

RT: 8.821 min Scan# 2420

Delta R.T. 0.000 min

Lab File: VV030582.D

Acq: 17 Apr 2023 12:03

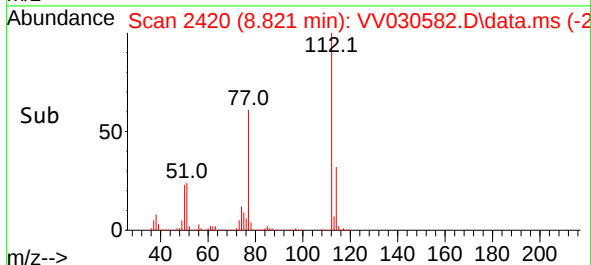
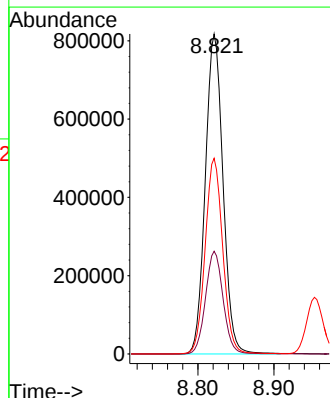
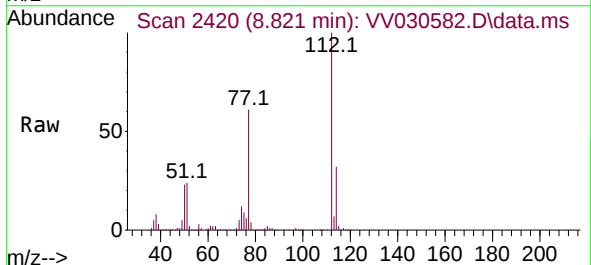
Tgt Ion:112 Resp: 1321286

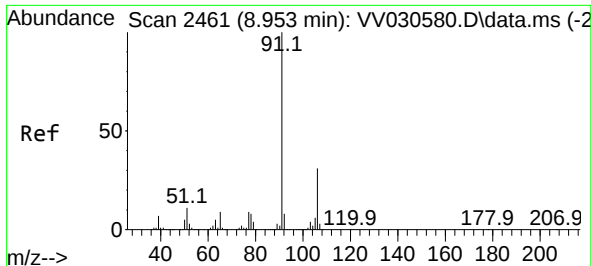
Ion Ratio Lower Upper

112 100

114 32.1 22.4 41.6

77 61.2 47.4 71.0





#52

Ethylbenzene

Concen: 225.176 ug/L

RT: 8.953 min Scan# 2461

Delta R.T. 0.000 min

Lab File: VV030582.D

Acq: 17 Apr 2023 12:03

Instrument :

MSVOA_V

ClientSampleId :

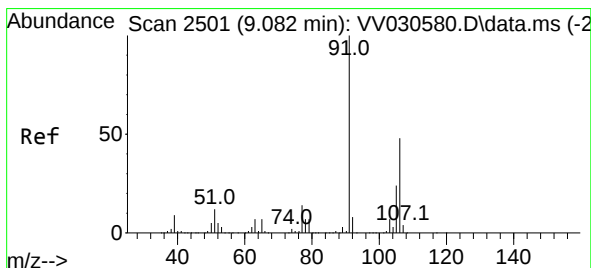
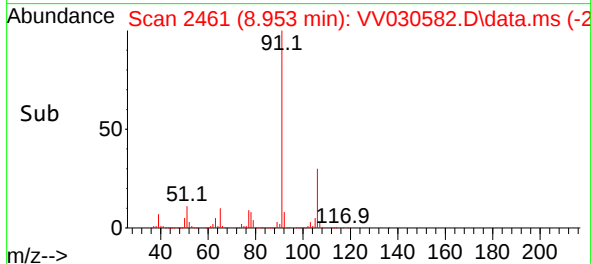
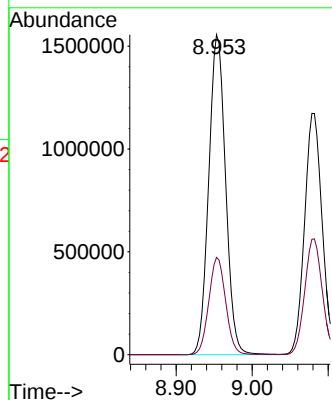
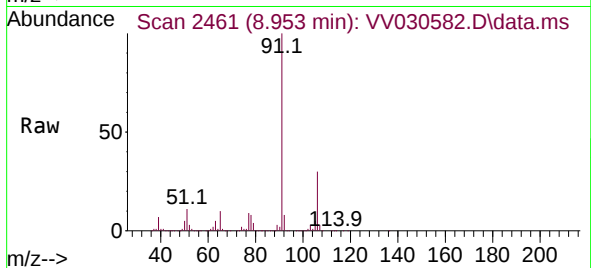
VSTD200219

Tgt Ion: 91 Resp: 2397114

Ion Ratio Lower Upper

91 100

106 30.4 21.8 40.4



#53

m,p-Xylene

Concen: 225.648 ug/L

RT: 9.082 min Scan# 2501

Delta R.T. 0.000 min

Lab File: VV030582.D

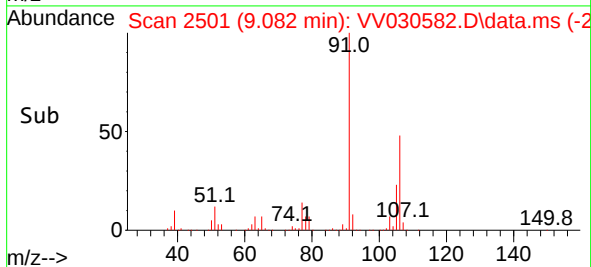
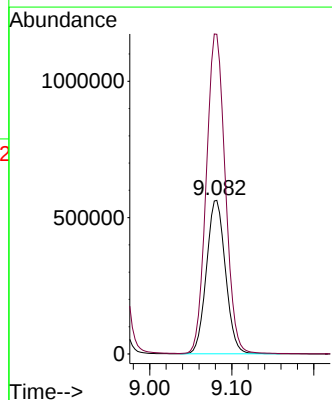
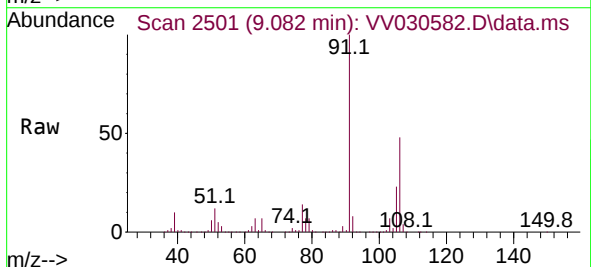
Acq: 17 Apr 2023 12:03

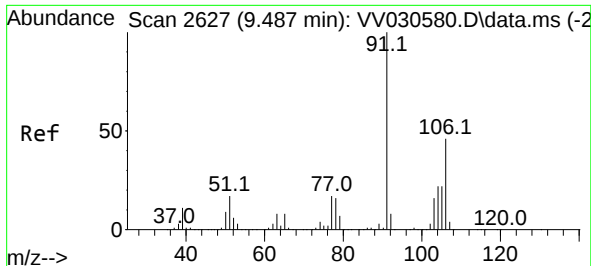
Tgt Ion: 106 Resp: 907347

Ion Ratio Lower Upper

106 100

91 208.1 144.7 268.7

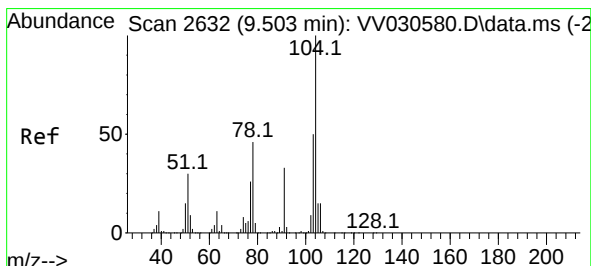
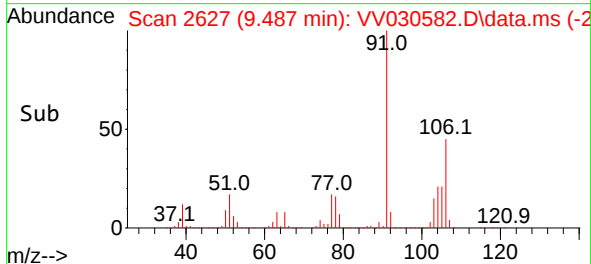
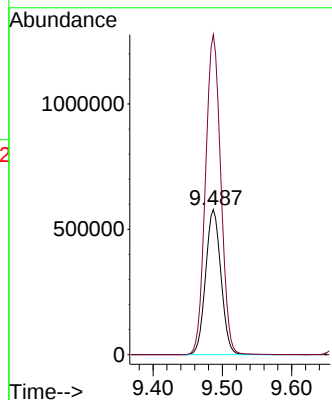
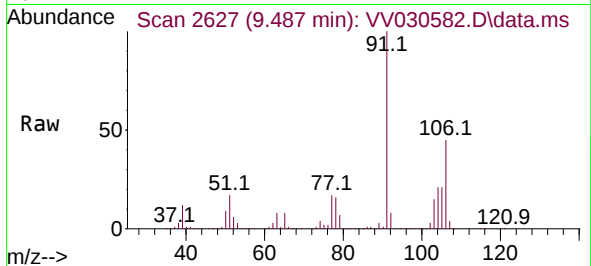




#54
o-Xylene
Concen: 225.828 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.000 min
Lab File: VV030582.D
Acq: 17 Apr 2023 12:03

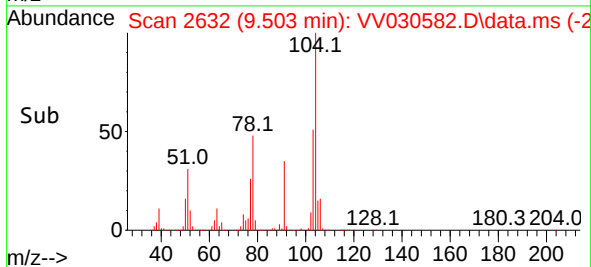
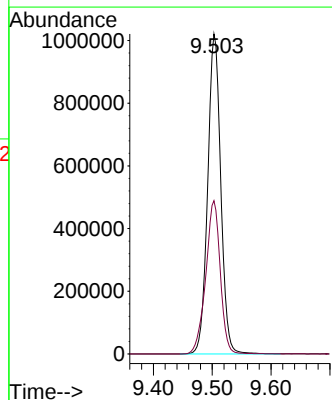
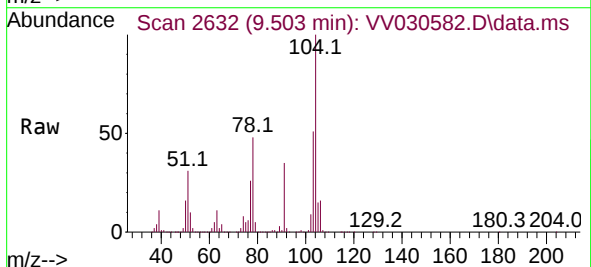
Instrument :
MSVOA_V
ClientSampleId :
VSTD200219

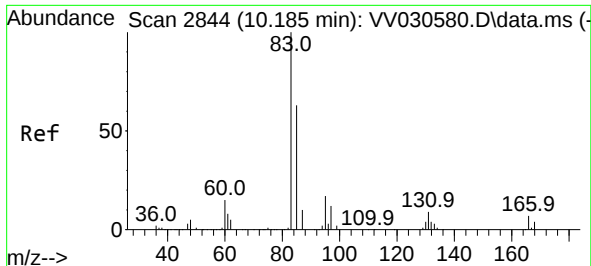
Tgt Ion:106 Resp: 888355
Ion Ratio Lower Upper
106 100
91 220.5 152.6 283.4



#55
Styrene
Concen: 227.966 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.000 min
Lab File: VV030582.D
Acq: 17 Apr 2023 12:03

Tgt Ion:104 Resp: 1575240
Ion Ratio Lower Upper
104 100
78 47.9 32.3 59.9

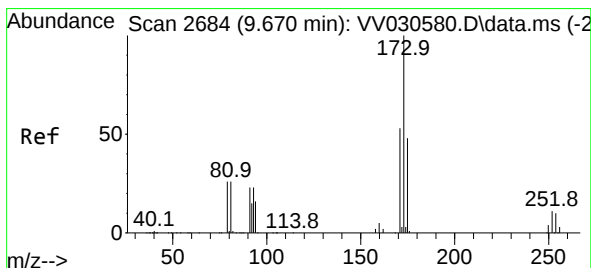
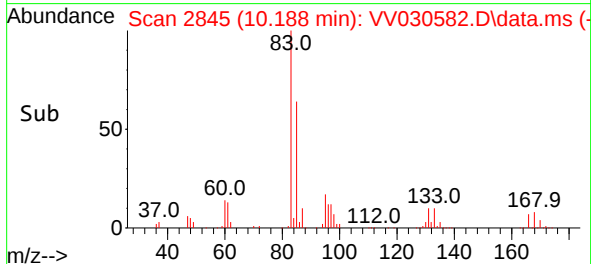
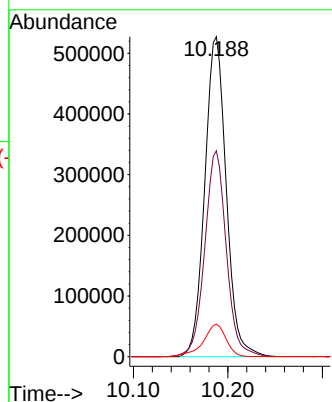
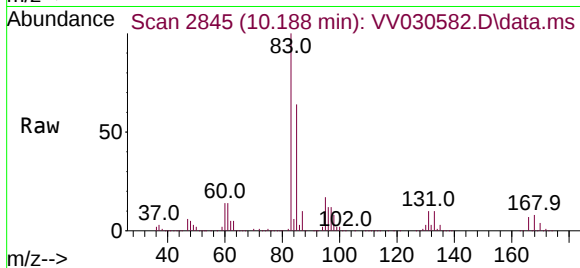




#57
1,1,2,2-Tetrachloroethane
Concen: 209.171 ug/L
RT: 10.188 min Scan# 2844
Delta R.T. 0.003 min
Lab File: VV030582.D
Acq: 17 Apr 2023 12:03

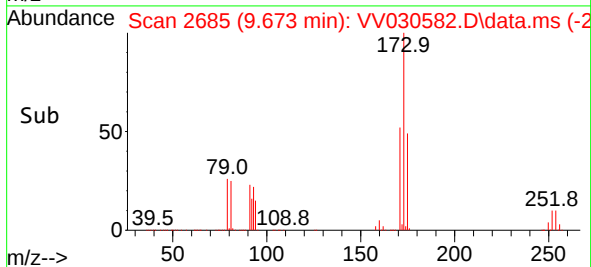
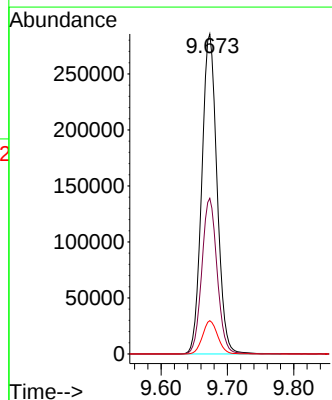
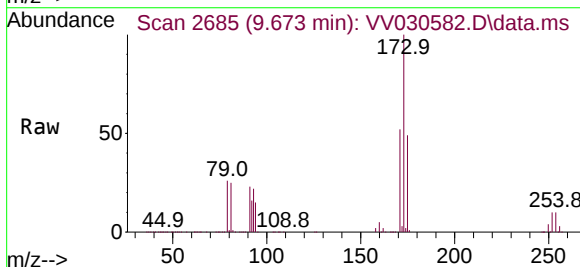
Instrument :
MSVOA_V
ClientSampleId :
VSTD200219

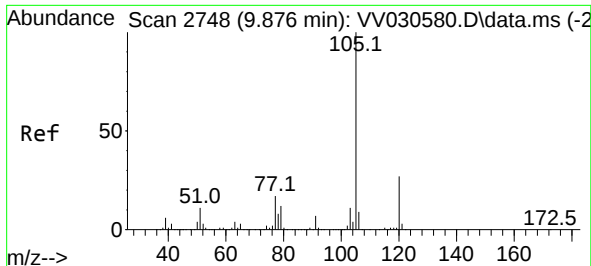
Tgt Ion: 83 Resp: 832128
Ion Ratio Lower Upper
83 100
85 64.4 45.1 83.7
131 10.2 8.0 12.0



#59
Bromoform
Concen: 201.271 ug/L
RT: 9.673 min Scan# 2685
Delta R.T. 0.003 min
Lab File: VV030582.D
Acq: 17 Apr 2023 12:03

Tgt Ion: 173 Resp: 455542
Ion Ratio Lower Upper
173 100
175 48.7 38.8 58.2
254 10.4 8.2 12.4

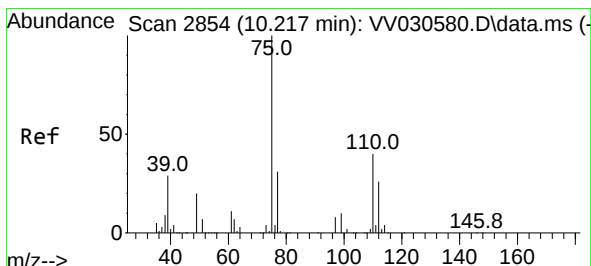
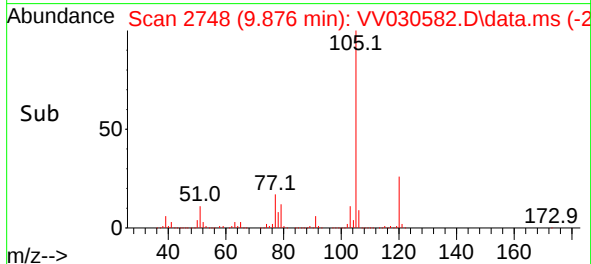
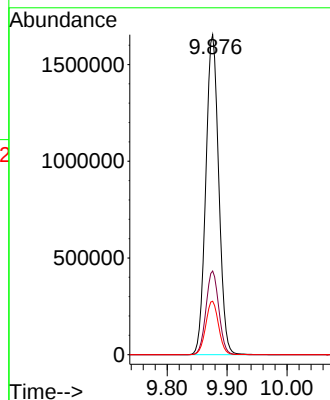
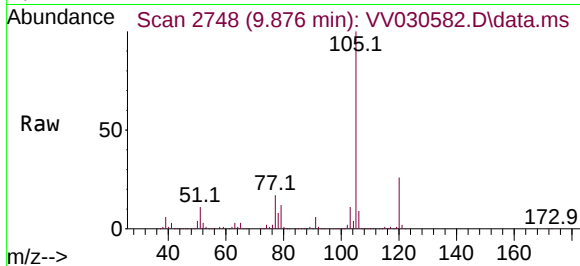




#60
Isopropylbenzene
Concen: 220.188 ug/L
RT: 9.876 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV030582.D
Acq: 17 Apr 2023 12:03

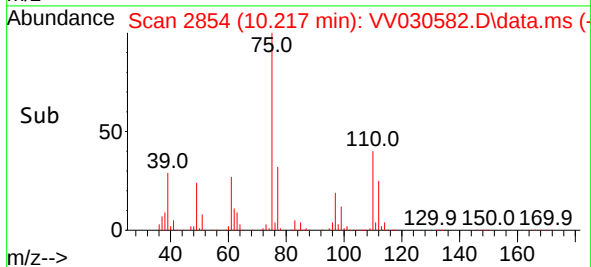
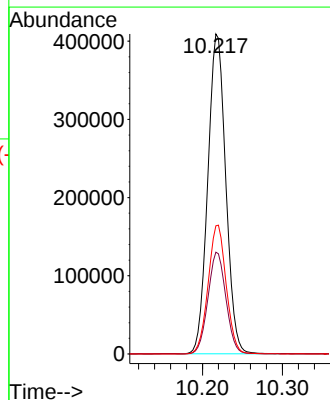
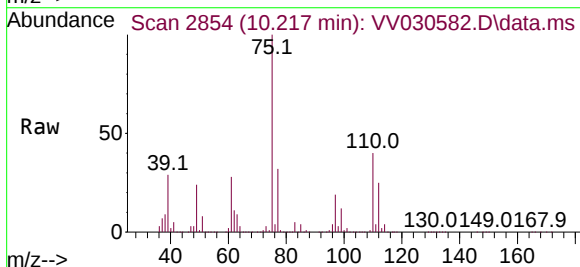
Instrument :
MSVOA_V
ClientSampleId :
VSTD200219

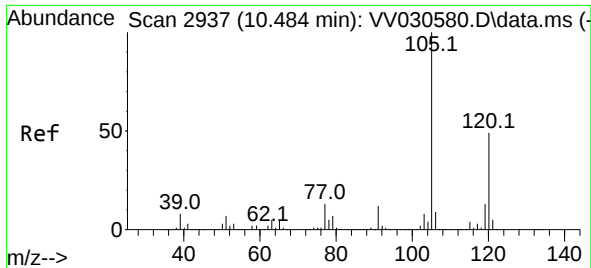
Tgt Ion:105 Resp: 2482441
Ion Ratio Lower Upper
105 100
120 26.0 20.9 31.3
77 16.6 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 197.408 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. 0.000 min
Lab File: VV030582.D
Acq: 17 Apr 2023 12:03

Tgt Ion: 75 Resp: 639169
Ion Ratio Lower Upper
75 100
77 31.7 25.7 38.5
110 40.5 32.8 49.2

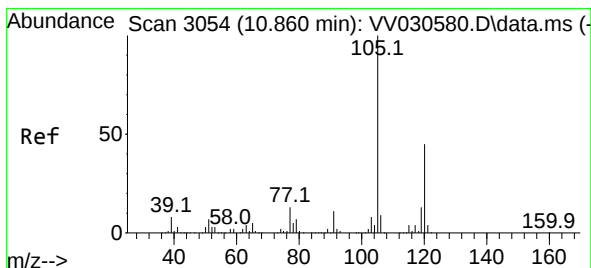
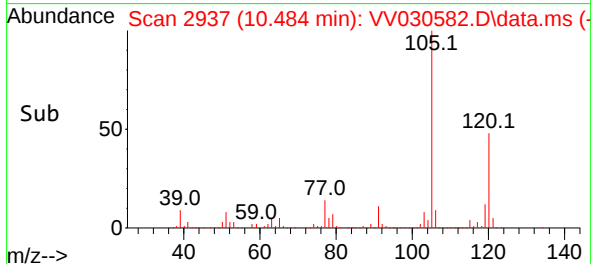
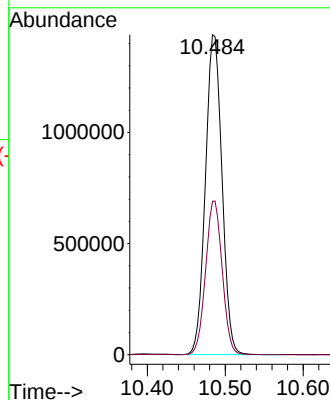
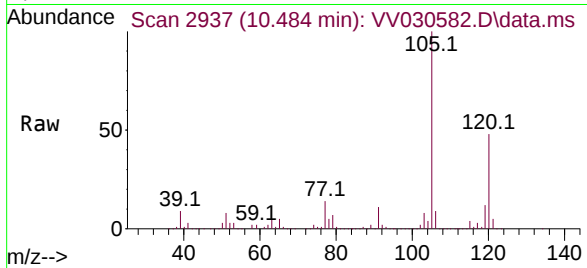




#62
1,3,5-Trimethylbenzene
Concen: 228.671 ug/L
RT: 10.484 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VV030582.D
Acq: 17 Apr 2023 12:03

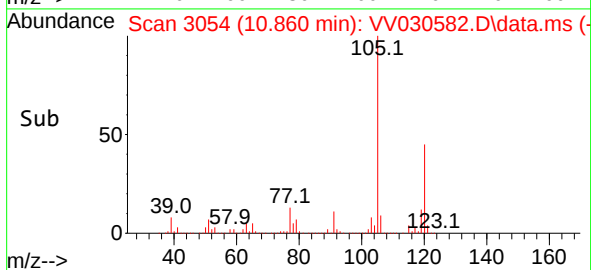
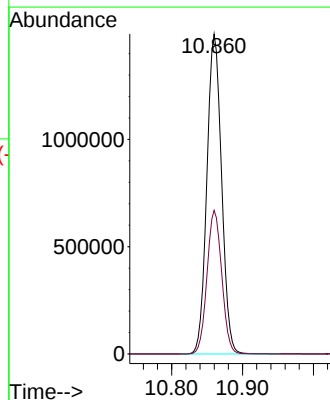
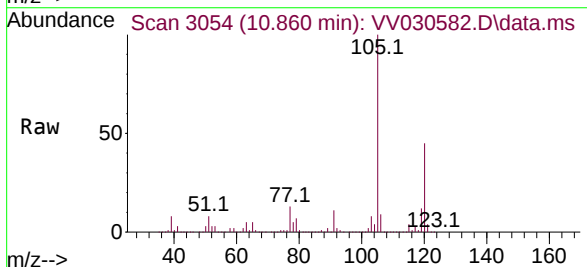
Instrument :
MSVOA_V
ClientSampleId :
VSTD200219

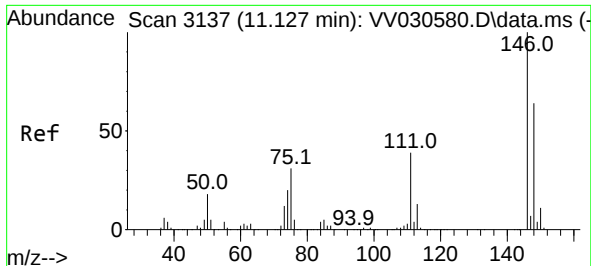
Tgt Ion:105 Resp: 2122641
Ion Ratio Lower Upper
105 100
120 48.1 39.2 58.8



#63
1,2,4-Trimethylbenzene
Concen: 231.180 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. 0.000 min
Lab File: VV030582.D
Acq: 17 Apr 2023 12:03

Tgt Ion:105 Resp: 2142618
Ion Ratio Lower Upper
105 100
120 45.0 36.2 54.4

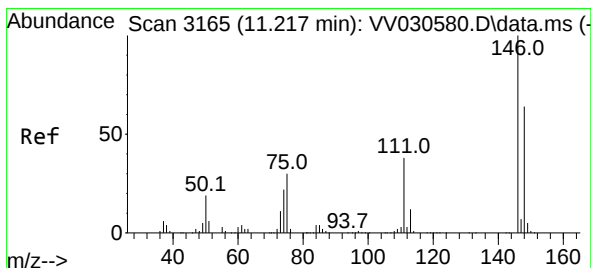
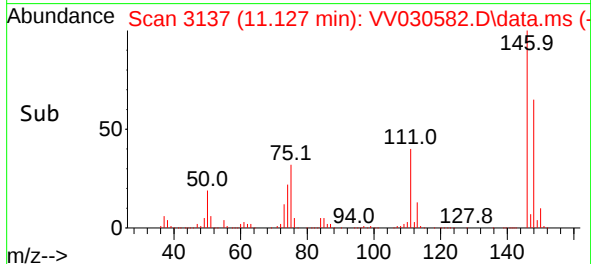
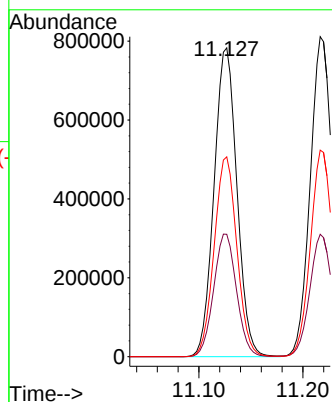
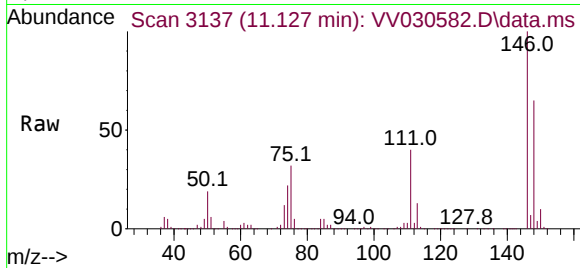




#64
 1,3-Dichlorobenzene
 Concen: 212.295 ug/L
 RT: 11.127 min Scan# 3137
 Delta R.T. 0.000 min
 Lab File: VV030582.D
 Acq: 17 Apr 2023 12:03

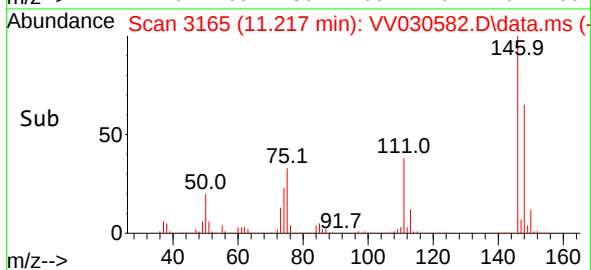
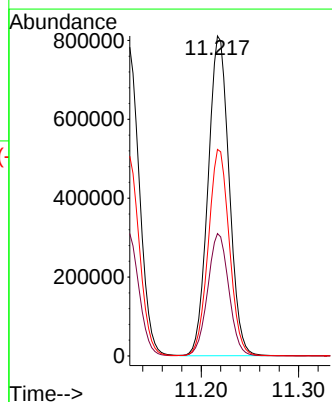
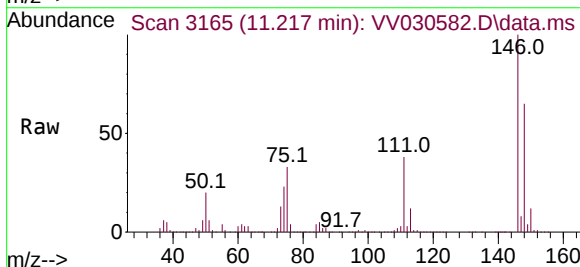
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200219

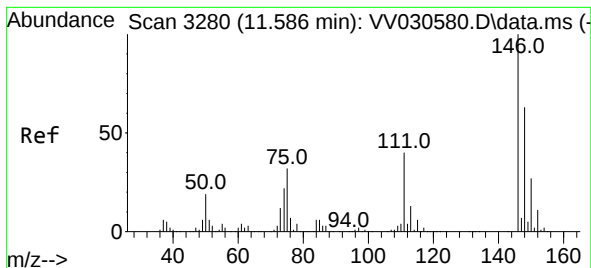
Tgt Ion:146 Resp: 1198301
 Ion Ratio Lower Upper
 146 100
 111 39.7 27.0 50.2
 148 64.7 44.8 83.2



#65
 1,4-Dichlorobenzene
 Concen: 204.628 ug/L
 RT: 11.217 min Scan# 3165
 Delta R.T. 0.000 min
 Lab File: VV030582.D
 Acq: 17 Apr 2023 12:03

Tgt Ion:146 Resp: 1217962
 Ion Ratio Lower Upper
 146 100
 111 38.2 26.5 49.1
 148 64.5 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 208.391 ug/L

RT: 11.590 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV030582.D

Acq: 17 Apr 2023 12:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD200219

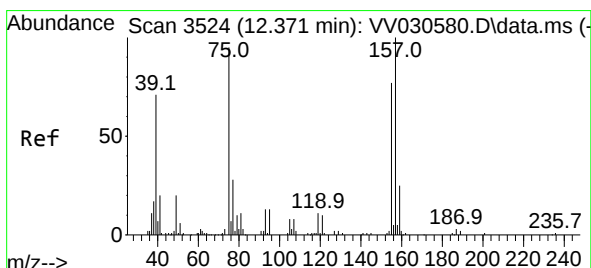
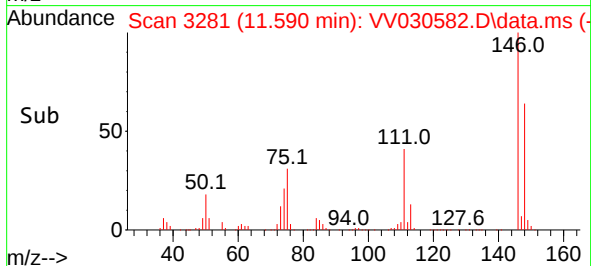
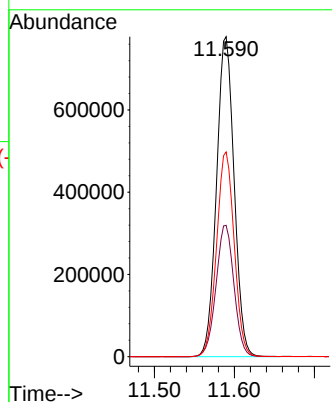
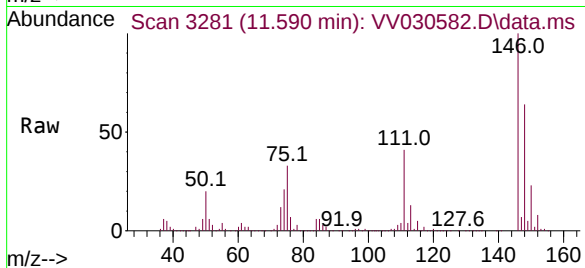
Tgt Ion:146 Resp: 1186648

Ion Ratio Lower Upper

146 100

111 41.0 32.0 48.0

148 64.0 50.6 76.0



#68

1,2-Dibromo-3-chloropropane

Concen: 201.744 ug/L

RT: 12.374 min Scan# 3525

Delta R.T. 0.003 min

Lab File: VV030582.D

Acq: 17 Apr 2023 12:03

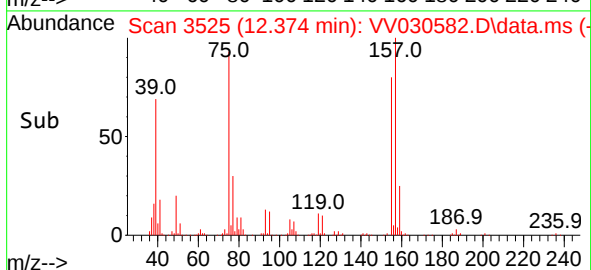
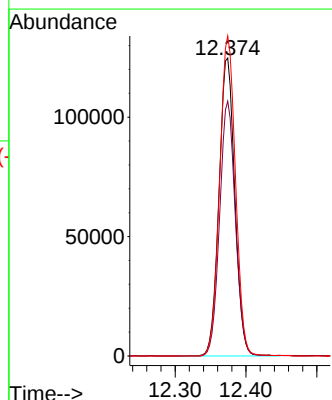
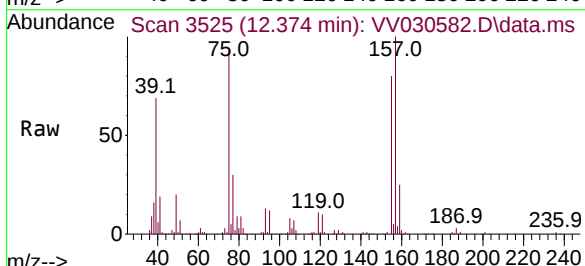
Tgt Ion: 75 Resp: 193241

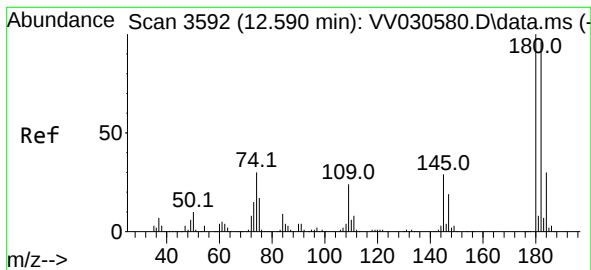
Ion Ratio Lower Upper

75 100

155 85.5 65.0 97.6

157 107.4 84.4 126.6





#69

1,3,5-Trichlorobenzene

Concen: 216.469 ug/L

RT: 12.593 min Scan# 3593

Delta R.T. 0.003 min

Lab File: VV030582.D

Acq: 17 Apr 2023 12:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD200219

Tgt Ion:180 Resp: 923000

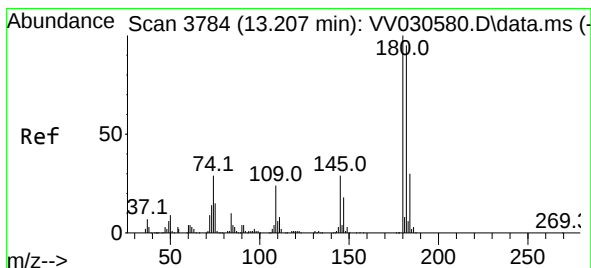
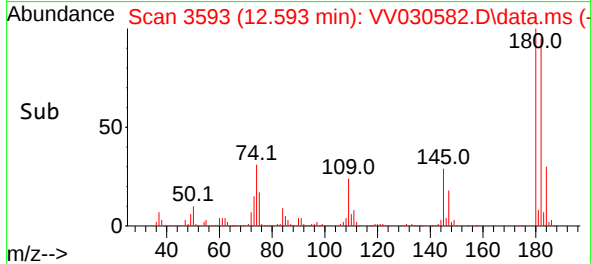
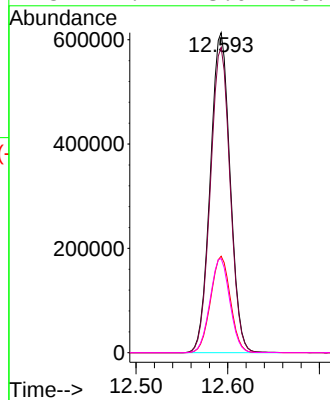
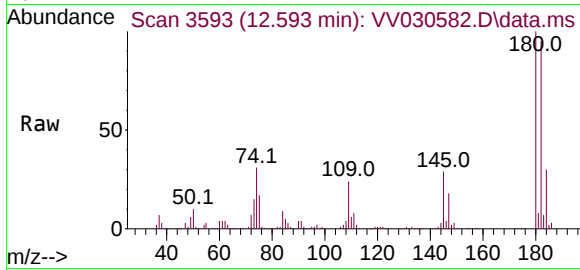
Ion Ratio Lower Upper

180 100

182 94.8 76.4 114.6

184 30.0 24.1 36.1

145 29.4 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 232.759 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. 0.000 min

Lab File: VV030582.D

Acq: 17 Apr 2023 12:03

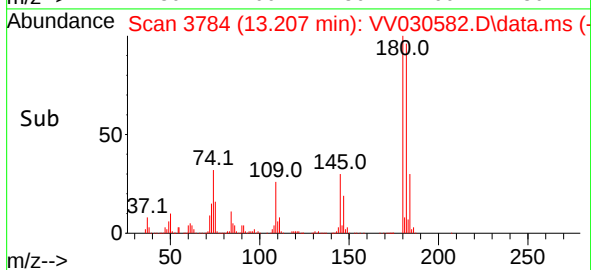
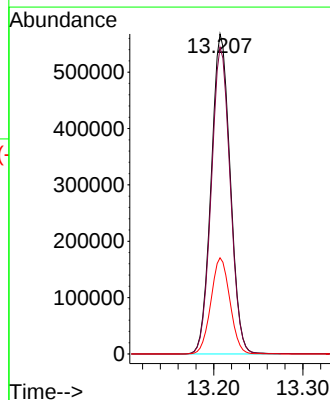
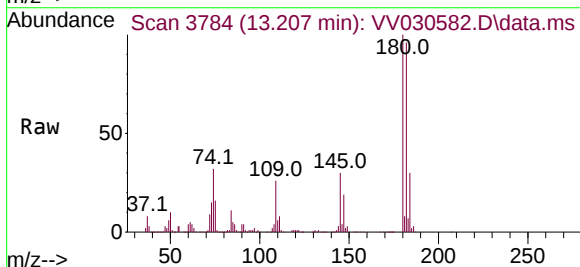
Tgt Ion:180 Resp: 842653

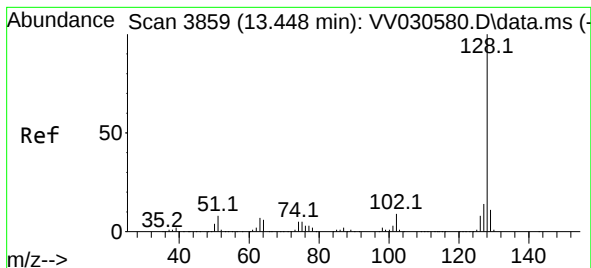
Ion Ratio Lower Upper

180 100

182 95.2 75.9 113.9

145 29.9 23.4 35.2





#71

Naphthalene

Concen: 247.360 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. 0.000 min

Lab File: VV030582.D

Acq: 17 Apr 2023 12:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD200219

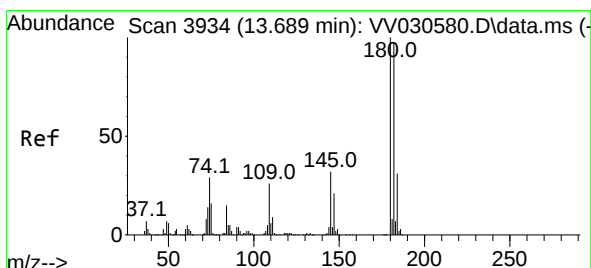
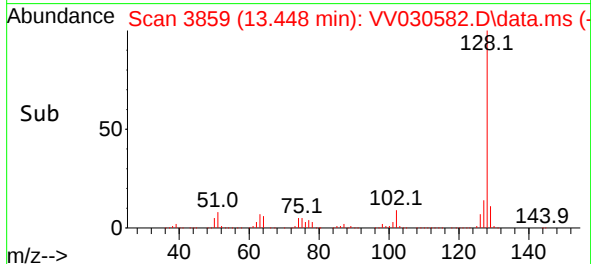
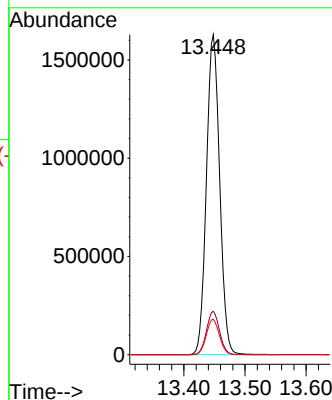
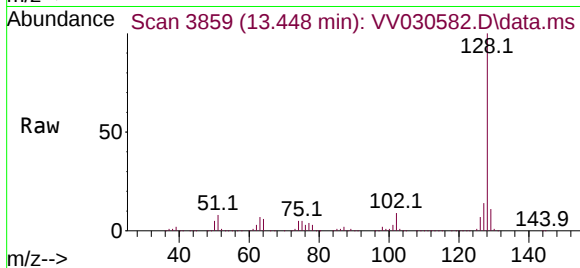
Tgt Ion:128 Resp: 2449695

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

129 11.0 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 230.697 ug/L

RT: 13.689 min Scan# 3934

Delta R.T. 0.000 min

Lab File: VV030582.D

Acq: 17 Apr 2023 12:03

Tgt Ion:180 Resp: 828175

Ion Ratio Lower Upper

180 100

182 94.6 76.2 114.4

145 31.6 25.1 37.7

