

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042123\
 Data File : VW030779.D
 Acq On : 21 Apr 2023 21:27
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050300

Quant Time: Apr 22 00:50:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 22 00:43:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	243838	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	242591	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	144019	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	72090	40.330	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.660%
7) Chloroethane-d5	1.536	69	65838	43.952	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.900%
11) 1,1-Dichloroethene-d2	2.066	65	35562	41.951	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.900%
21) 2-Butanone-d5	3.802	46	101090	102.963	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.960%
24) Chloroform-d	4.262	84	148358	45.798	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	4.953	65	100504	48.257	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.520%
32) Benzene-d6	4.969	84	264382	46.095	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	5.998	67	78527	44.076	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.160%
41) Toluene-d8	7.252	98	255928	47.525	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.060%
43) trans-1,3-Dichloroprop...	7.558	79	40554	45.162	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.320%
47) 2-Hexanone-d5	8.034	63	65912	93.913	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.910%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	123440	47.749	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.500%
66) 1,2-Dichlorobenzene-d4	11.567	152	109260	47.730	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	89487	42.685	ug/L	100
3) Chloromethane	1.217	50	107235	38.994	ug/L	100
5) Vinyl chloride	1.288	62	94099	42.441	ug/L	99
6) Bromomethane	1.494	94	40636	46.221	ug/L	99
8) Chloroethane	1.555	64	65421	43.020	ug/L	98
9) Trichlorofluoromethane	1.719	101	169813	47.257	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	85323	45.181	ug/L	98
12) 1,1-Dichloroethene	2.076	96	77454	45.364	ug/L	98
13) Acetone	2.130	43	100762	66.323	ug/L	100
14) Carbon disulfide	2.249	76	197313	40.915	ug/L	98
15) Methyl Acetate	2.381	43	93404	46.070	ug/L	96
16) Methylene chloride	2.455	84	89044	45.573	ug/L	98
17) trans-1,2-Dichloroethene	2.703	96	74498	43.221	ug/L	99
18) Methyl tert-butyl Ether	2.712	73	266979	48.358	ug/L	98
19) 1,1-Dichloroethane	3.121	63	156487	44.529	ug/L	97
20) cis-1,2-Dichloroethene	3.825	96	85383	45.538	ug/L	95
22) 2-Butanone	3.883	43	129843	82.702	ug/L	98
23) Bromochloromethane	4.159	128	46770	44.662	ug/L	99
25) Chloroform	4.288	83	169315	46.549	ug/L	99

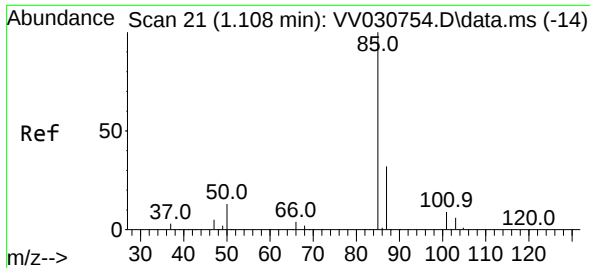
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042123\
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 Quant Title : VOC Analysis
 QLast Update : Sat Apr 22 00:43:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	146595	47.611	ug/L	99
29) Cyclohexane	4.596	56	127786	43.895	ug/L	99
30) 1,1,1-Trichloroethane	4.526	97	155472	45.610	ug/L	99
31) Carbon tetrachloride	4.744	117	140171	45.993	ug/L	99
33) Benzene	5.021	78	337940	45.874	ug/L	100
34) Trichloroethene	5.841	95	85390	44.563	ug/L	97
35) Methylcyclohexane	6.059	83	134546	44.812	ug/L	98
37) 1,2-Dichloropropane	6.101	63	86768	43.761	ug/L	98
38) Bromodichloromethane	6.442	83	127401	45.740	ug/L	96
39) cis-1,3-Dichloropropene	6.960	75	130696	43.918	ug/L	98
40) 4-Methyl-2-pentanone	7.165	43	270263	97.577	ug/L	99
42) Toluene	7.323	91	371323	47.060	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	134778	46.098	ug/L	98
45) 1,1,2-Trichloroethane	7.776	97	89555	45.043	ug/L	99
46) Tetrachloroethene	7.911	164	77294	46.084	ug/L	98
48) 2-Hexanone	8.082	43	207977	91.004	ug/L	98
49) Dibromochloromethane	8.185	129	100069	45.630	ug/L	99
50) 1,2-Dibromoethane	8.288	107	91842	44.581	ug/L	97
51) Chlorobenzene	8.821	112	241753	46.262	ug/L	99
52) Ethylbenzene	8.953	91	409446	46.873	ug/L	100
53) m,p-Xylene	9.082	106	157196	47.642	ug/L	96
54) o-Xylene	9.487	106	155166	48.071	ug/L	97
55) Styrene	9.503	104	274757	48.458	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	147948	45.322	ug/L	99
59) Bromoform	9.673	173	83950	46.558	ug/L	98
60) Isopropylbenzene	9.876	105	425289	47.350	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	115417	44.745	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	345028	46.656	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	344423	46.646	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	211644	47.065	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	217604	45.890	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	215027	47.399	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	34473	45.109	ug/L	98
69) 1,3,5-Trichlorobenzene	12.590	180	157041	46.230	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	128125	44.423	ug/L	98
71) Naphthalene	13.448	128	355577	45.068	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	134652	47.082	ug/L	99

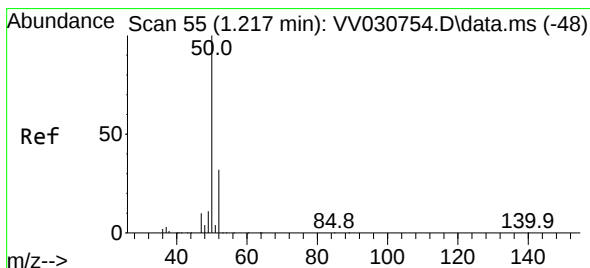
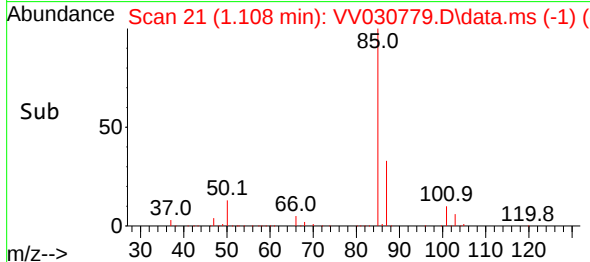
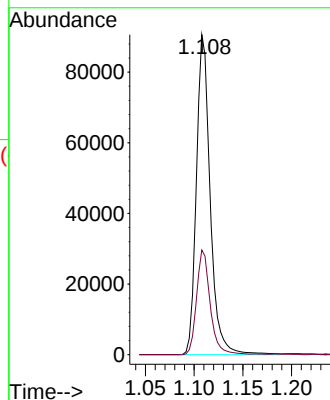
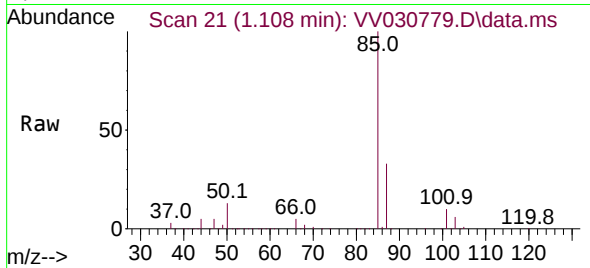
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#2
 Dichlorodifluoromethane
 Concen: 42.685 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV030779.D
 Acq: 21 Apr 2023 21:27

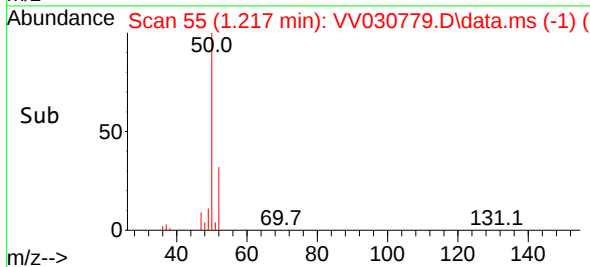
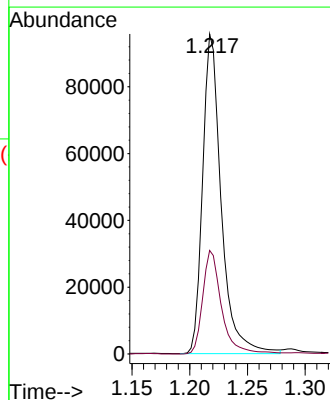
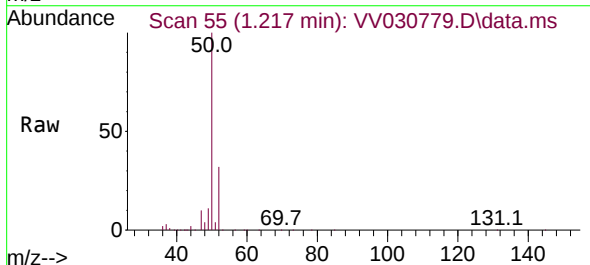
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050300

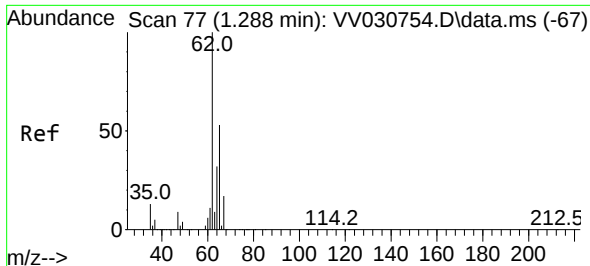
Tgt Ion: 85 Resp: 89487
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.6 38.4



#3
 Chloromethane
 Concen: 38.994 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV030779.D
 Acq: 21 Apr 2023 21:27

Tgt Ion: 50 Resp: 107235
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.5 41.9

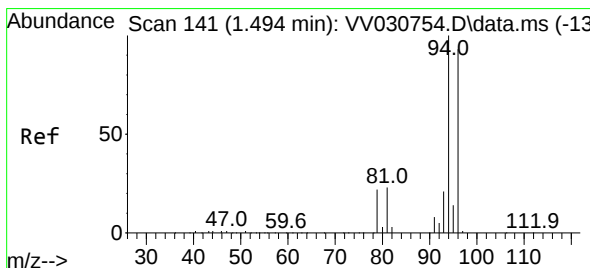
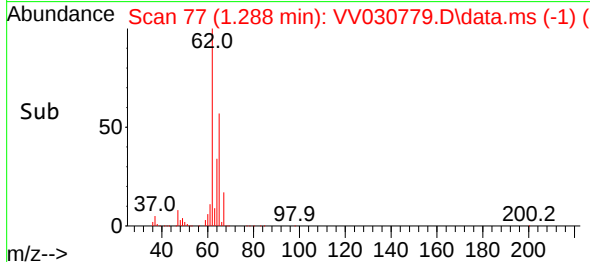
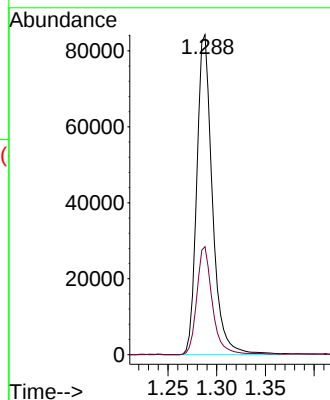
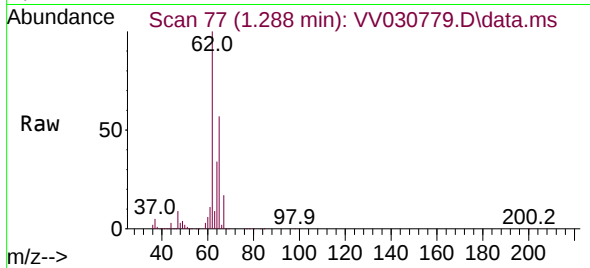




#5
 Vinyl chloride
 Concen: 42.441 ug/L
 RT: 1.288 min Scan# 77
 Delta R.T. -0.000 min
 Lab File: VV030779.D
 Acq: 21 Apr 2023 21:27

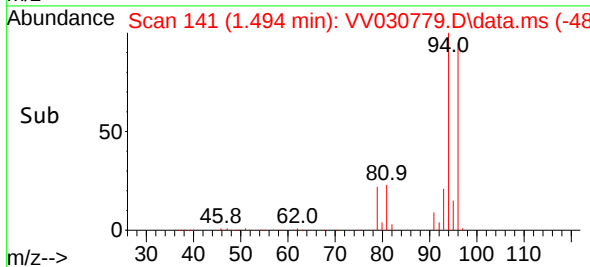
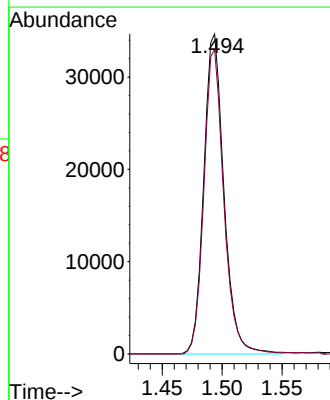
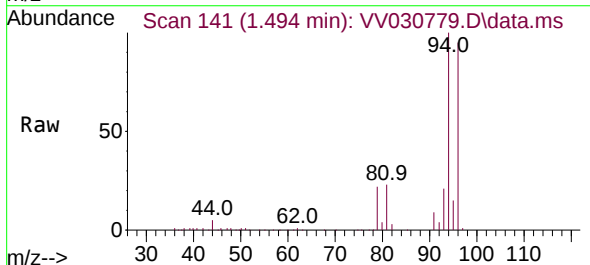
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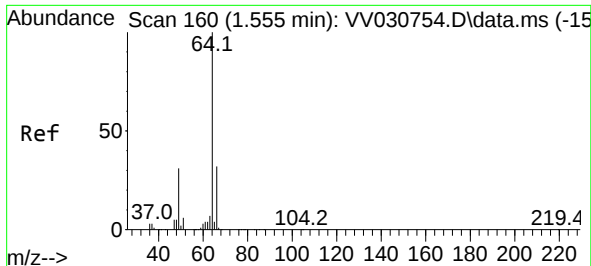
Tgt Ion: 62 Resp: 94099
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.4 43.4



#6
 Bromomethane
 Concen: 46.221 ug/L
 RT: 1.494 min Scan# 141
 Delta R.T. -0.000 min
 Lab File: VV030779.D
 Acq: 21 Apr 2023 21:27

Tgt Ion: 94 Resp: 40636
 Ion Ratio Lower Upper
 94 100
 96 95.2 66.3 123.1

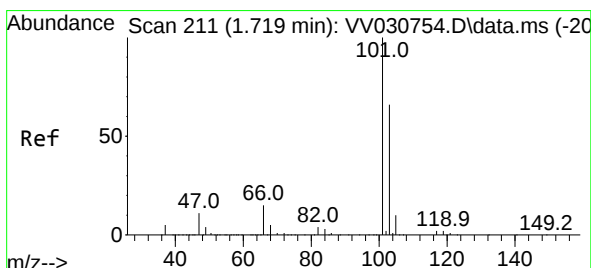
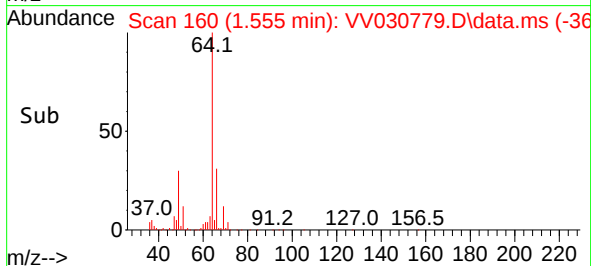
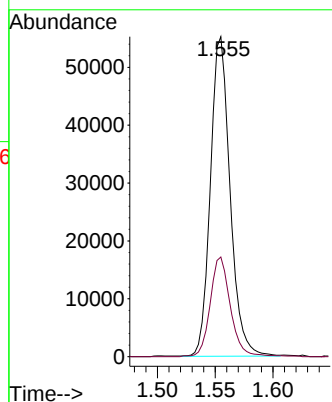
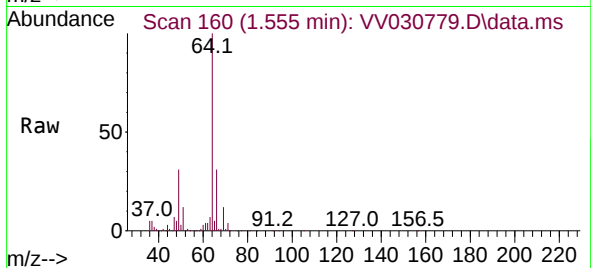




#8
Chloroethane
Concen: 43.020 ug/L
RT: 1.555 min Scan# 160
Delta R.T. -0.000 min
Lab File: VV030779.D
Acq: 21 Apr 2023 21:27

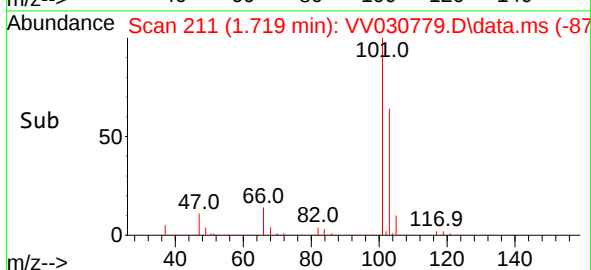
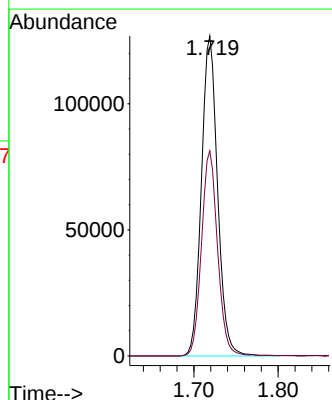
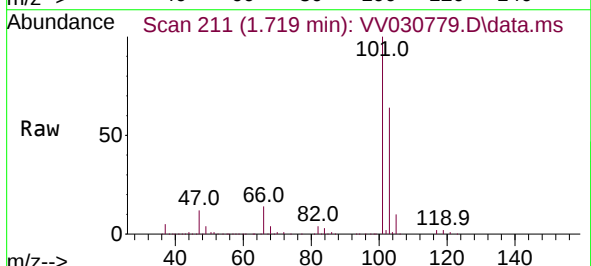
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ClientSampleId :
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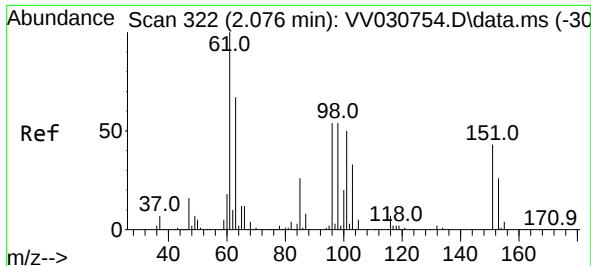
Tgt Ion: 64 Resp: 65421
Ion Ratio Lower Upper
64 100
66 31.1 22.7 42.3



#9
Trichlorofluoromethane
Concen: 47.257 ug/L
RT: 1.719 min Scan# 211
Delta R.T. -0.000 min
Lab File: VV030779.D
Acq: 21 Apr 2023 21:27

Tgt Ion:101 Resp: 169813
Ion Ratio Lower Upper
101 100
103 63.5 51.4 77.0

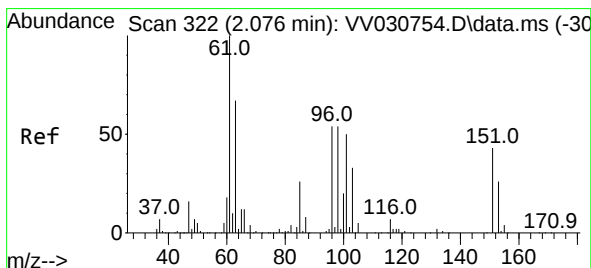
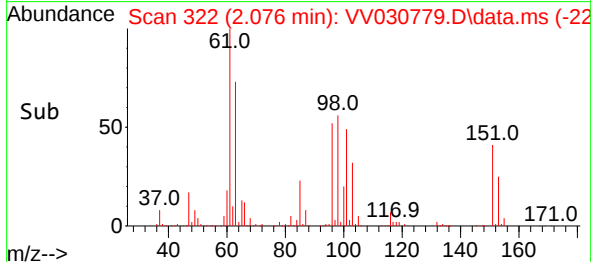
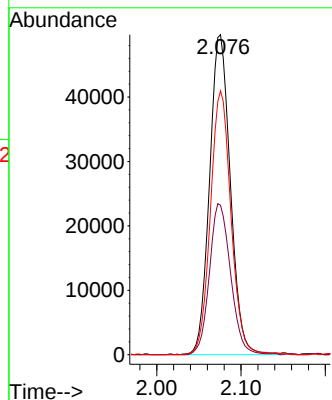
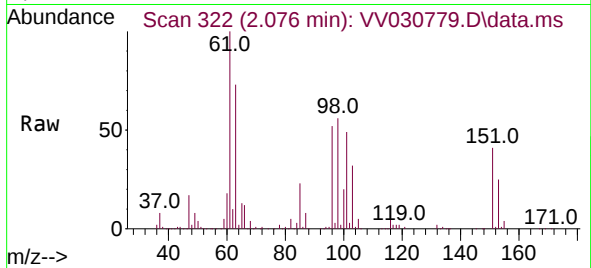




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 45.181 ug/L
 RT: 2.076 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VV030779.D
 Acq: 21 Apr 2023 21:27

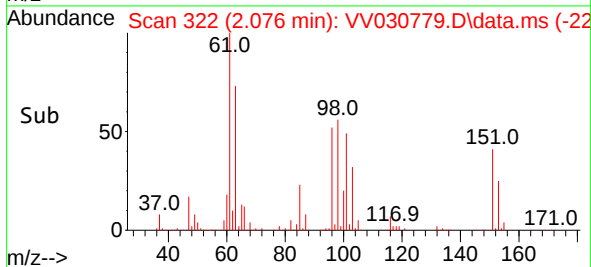
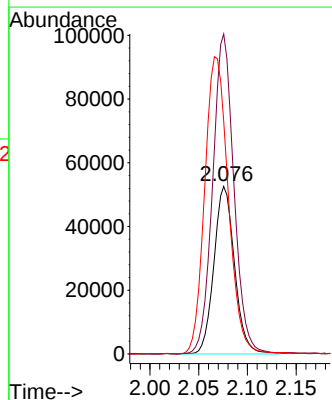
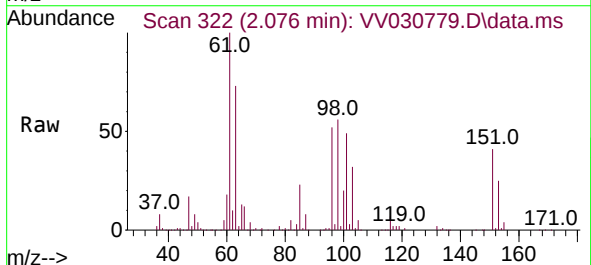
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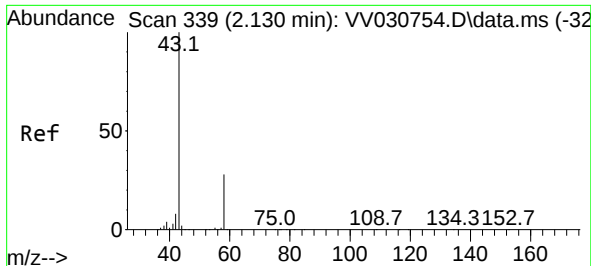
Tgt Ion:101 Resp: 85323
 Ion Ratio Lower Upper
 101 100
 85 47.9 37.5 56.3
 151 81.2 63.5 95.3



#12
 1,1-Dichloroethene
 Concen: 45.364 ug/L
 RT: 2.076 min Scan# 322
 Delta R.T. -0.000 min
 Lab File: VV030779.D
 Acq: 21 Apr 2023 21:27

Tgt Ion: 96 Resp: 77454
 Ion Ratio Lower Upper
 96 100
 61 191.0 131.9 245.0
 63 138.9 99.8 185.3





#13

Acetone

Concen: 66.323 ug/L

RT: 2.130 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV030779.D

Acq: 21 Apr 2023 21:27

Instrument :

MSVOA_V

ClientSampleId :

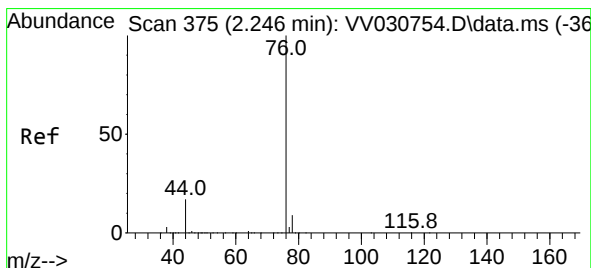
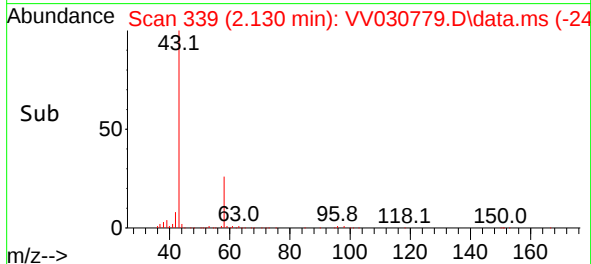
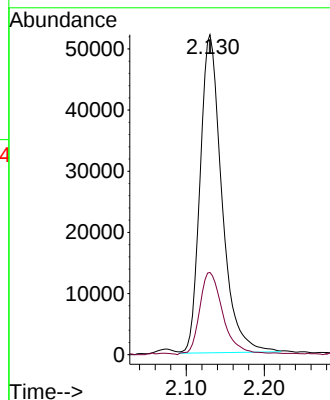
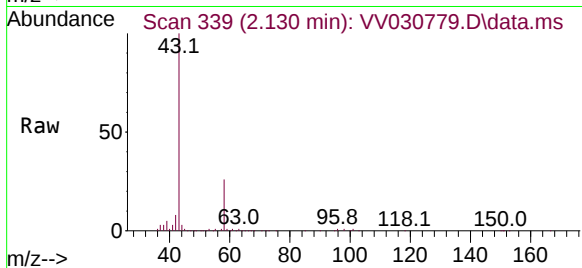
VSTD050300

Tgt Ion: 43 Resp: 100762

Ion Ratio Lower Upper

43 100

58 26.4 0.0 52.8



#14

Carbon disulfide

Concen: 40.915 ug/L

RT: 2.249 min Scan# 376

Delta R.T. 0.003 min

Lab File: VV030779.D

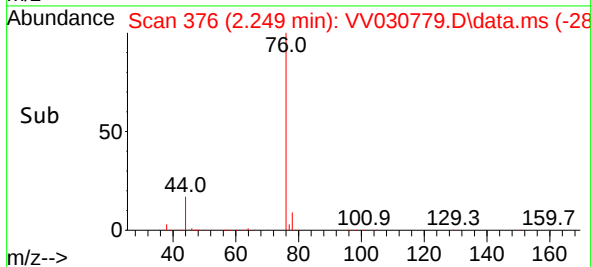
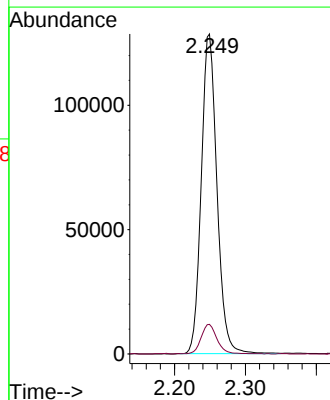
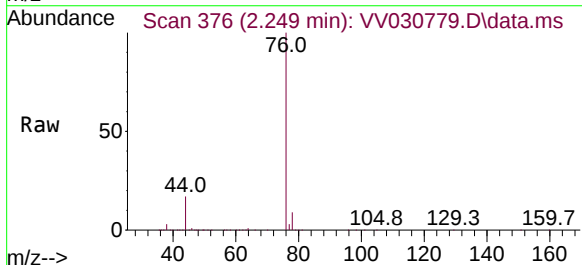
Acq: 21 Apr 2023 21:27

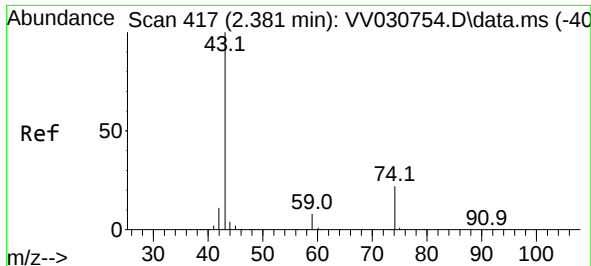
Tgt Ion: 76 Resp: 197313

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.4

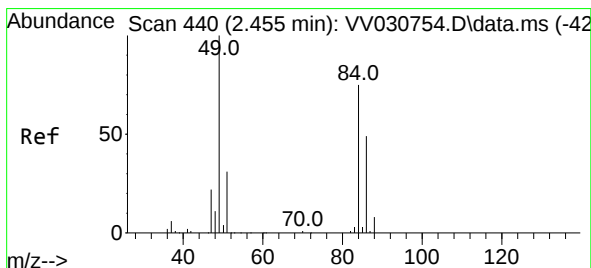
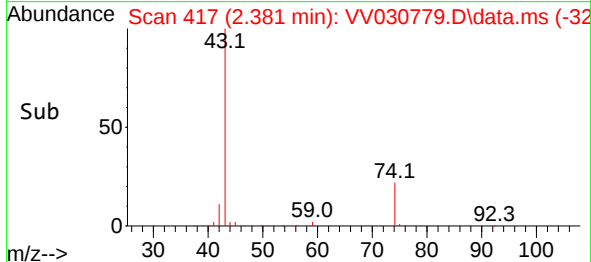
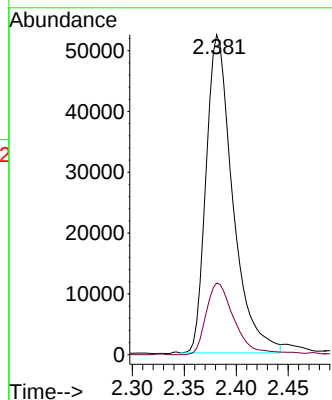
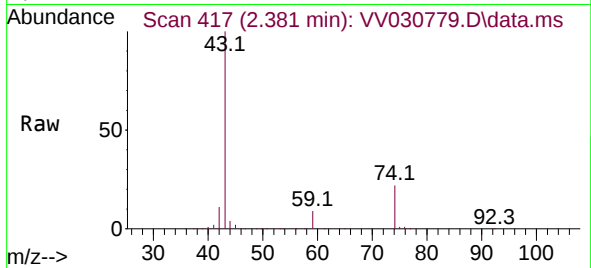




#15
Methyl Acetate
Concen: 46.070 ug/L
RT: 2.381 min Scan# 417
Delta R.T. -0.000 min
Lab File: VV030779.D
Acq: 21 Apr 2023 21:27

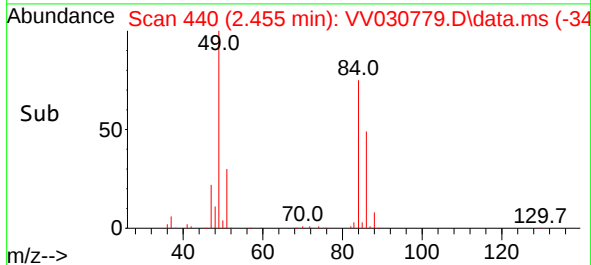
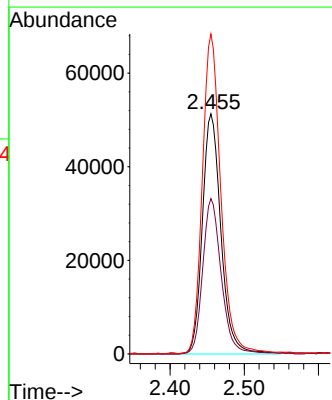
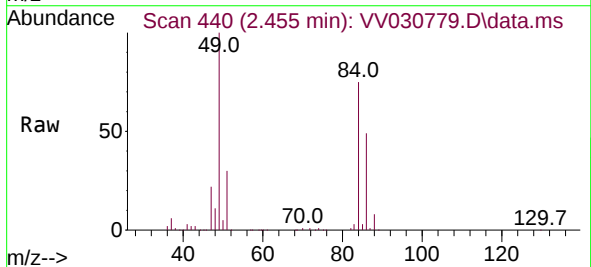
Instrument :
MSVOA_V
ClientSampleId :
VSTD050300

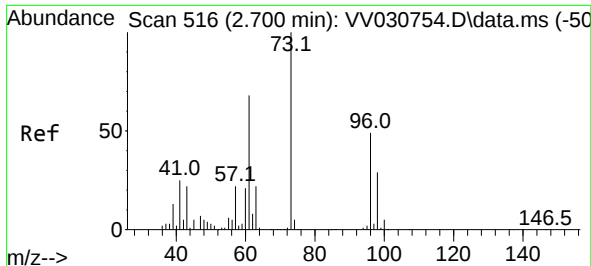
Tgt Ion: 43 Resp: 93404
Ion Ratio Lower Upper
43 100
74 24.1 17.7 26.5



#16
Methylene chloride
Concen: 45.573 ug/L
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV030779.D
Acq: 21 Apr 2023 21:27

Tgt Ion: 84 Resp: 89044
Ion Ratio Lower Upper
84 100
86 64.7 45.4 84.2
49 133.2 90.4 168.0





#17

trans-1,2-Dichloroethene

Concen: 43.221 ug/L

RT: 2.703 min Scan# 516

Delta R.T. 0.003 min

Lab File: VV030779.D

Acq: 21 Apr 2023 21:27

Instrument :

MSVOA_V

ClientSampleId :

VSTD050300

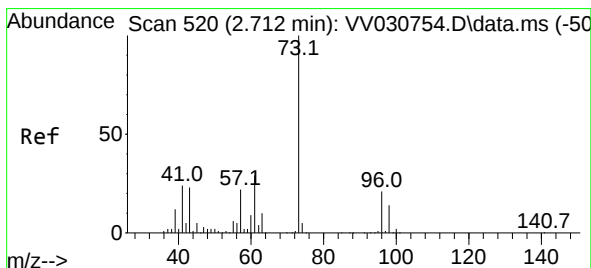
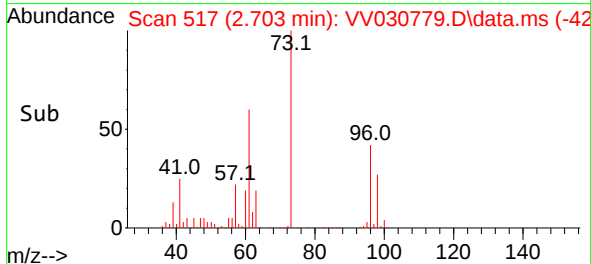
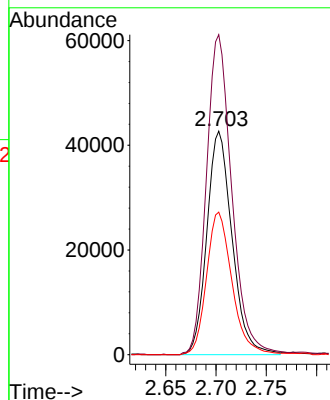
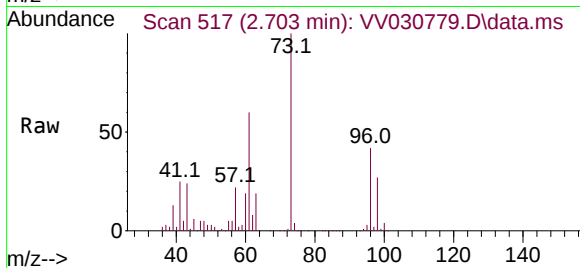
Tgt Ion: 96 Resp: 74498

Ion Ratio Lower Upper

96 100

61 143.2 101.0 187.6

98 63.8 45.4 84.2



#18

Methyl tert-butyl Ether

Concen: 48.358 ug/L

RT: 2.712 min Scan# 520

Delta R.T. -0.000 min

Lab File: VV030779.D

Acq: 21 Apr 2023 21:27

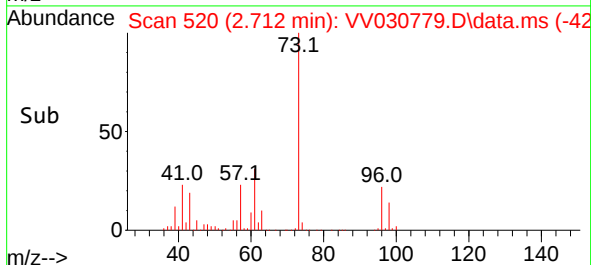
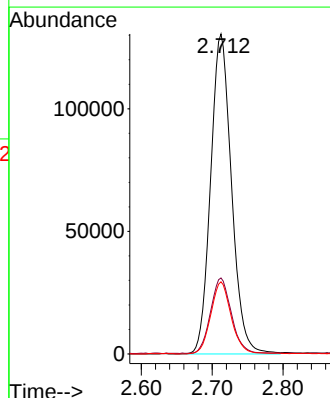
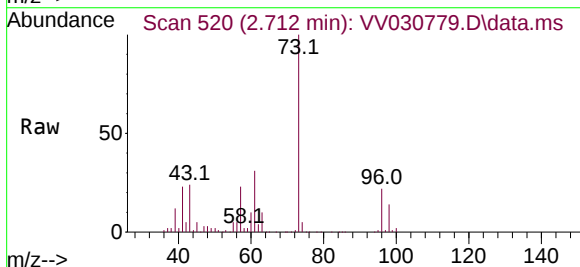
Tgt Ion: 73 Resp: 266979

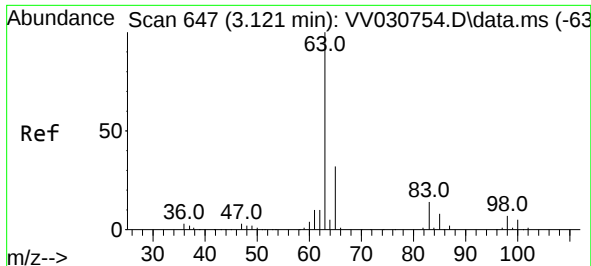
Ion Ratio Lower Upper

73 100

43 23.3 17.6 26.4

57 22.1 18.2 27.2





#19

1,1-Dichloroethane

Concen: 44.529 ug/L

RT: 3.121 min Scan# 647

Delta R.T. -0.000 min

Lab File: VV030779.D

Acq: 21 Apr 2023 21:27

Instrument :

MSVOA_V

ClientSampleId :

VSTD050300

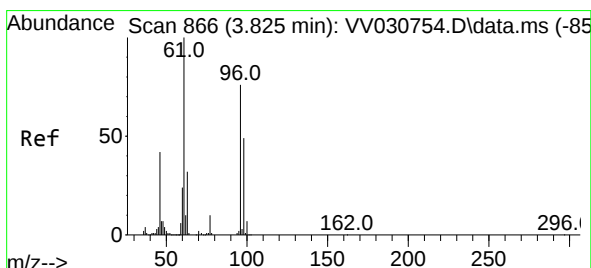
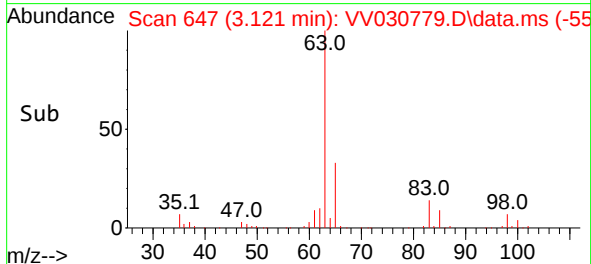
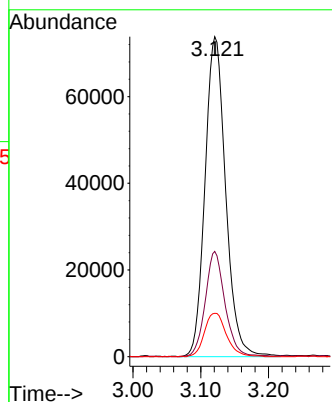
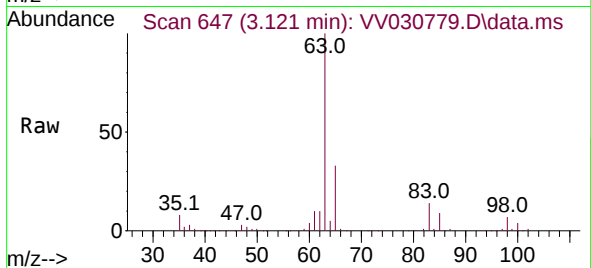
Tgt Ion: 63 Resp: 156487

Ion Ratio Lower Upper

63 100

65 32.9 21.8 40.6

83 13.6 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 45.538 ug/L

RT: 3.825 min Scan# 866

Delta R.T. -0.000 min

Lab File: VV030779.D

Acq: 21 Apr 2023 21:27

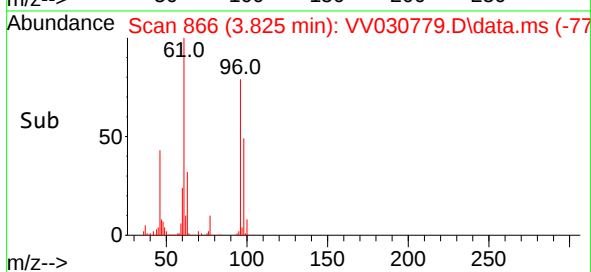
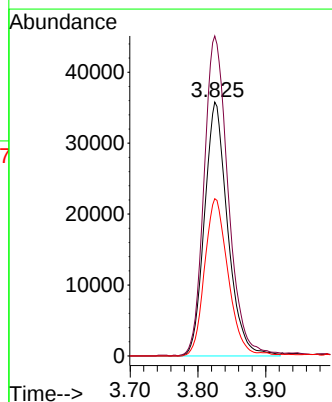
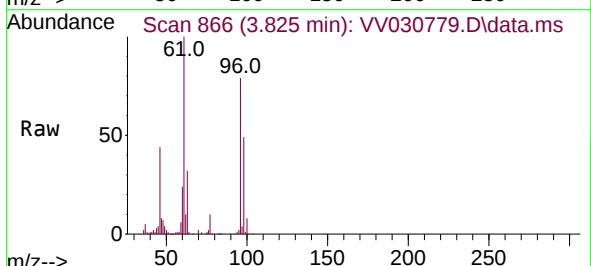
Tgt Ion: 96 Resp: 85383

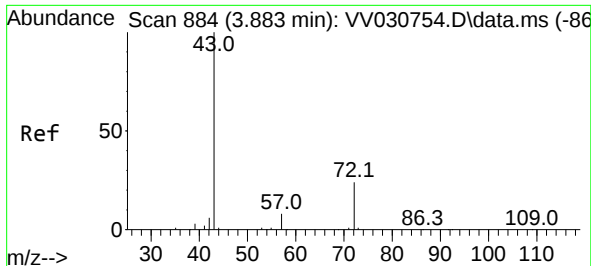
Ion Ratio Lower Upper

96 100

61 126.0 92.3 171.3

98 61.9 45.9 85.3

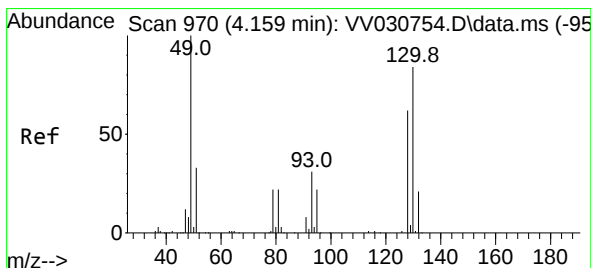
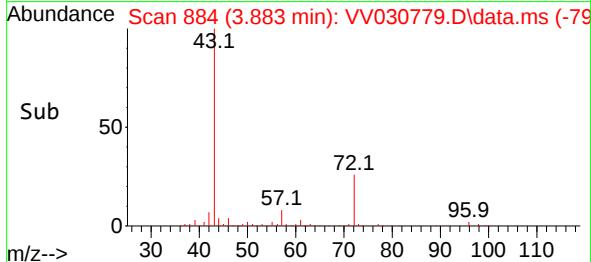
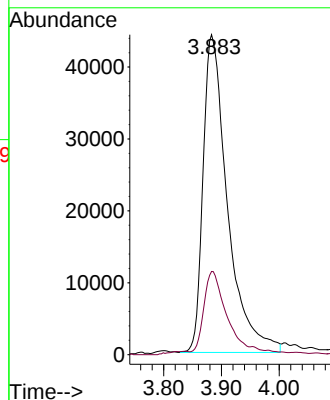
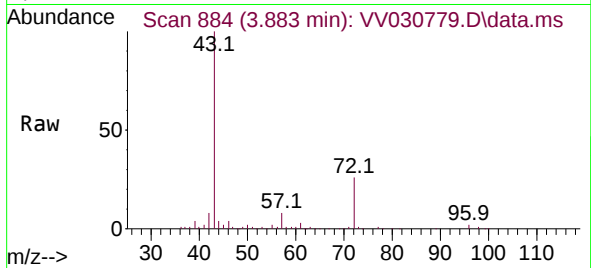




#22
2-Butanone
Concen: 82.702 ug/L
RT: 3.883 min Scan# 884
Delta R.T. -0.000 min
Lab File: VV030779.D
Acq: 21 Apr 2023 21:27

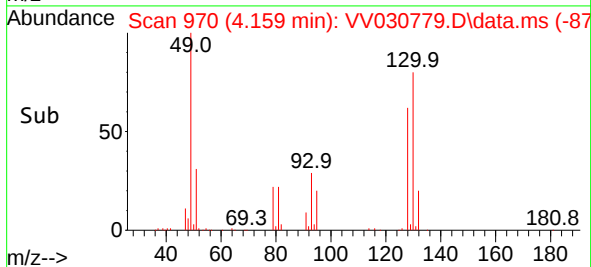
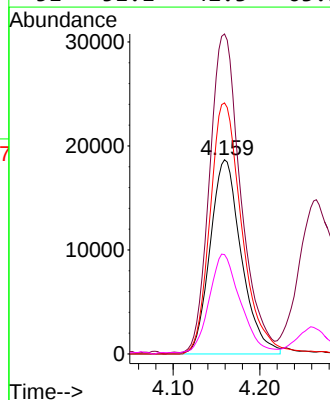
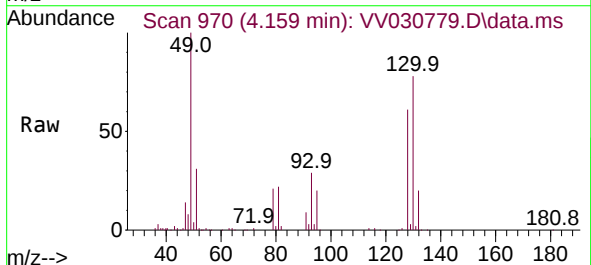
Instrument :
MSVOA_V
ClientSampleId :
VSTD050300

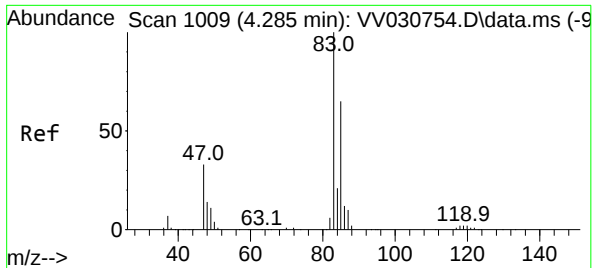
Tgt Ion: 43 Resp: 129843
Ion Ratio Lower Upper
43 100
72 22.2 11.5 34.4



#23
Bromochloromethane
Concen: 44.662 ug/L
RT: 4.159 min Scan# 970
Delta R.T. -0.000 min
Lab File: VV030779.D
Acq: 21 Apr 2023 21:27

Tgt Ion:128 Resp: 46770
Ion Ratio Lower Upper
128 100
49 164.7 114.7 213.1
130 129.2 89.0 165.2
51 51.1 42.3 63.5

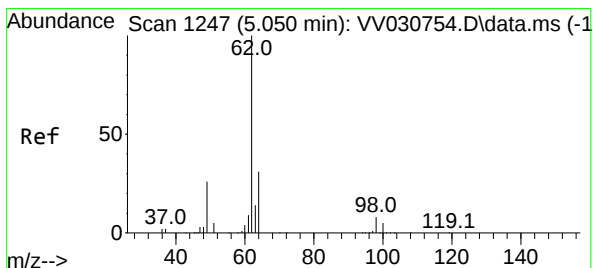
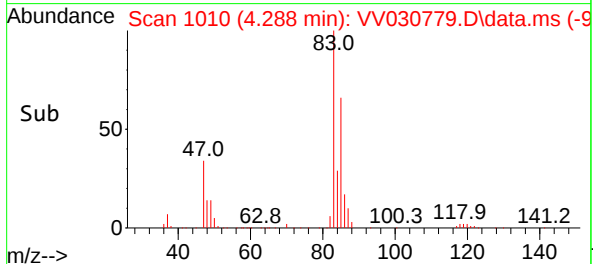
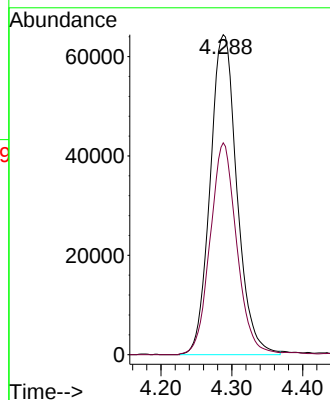
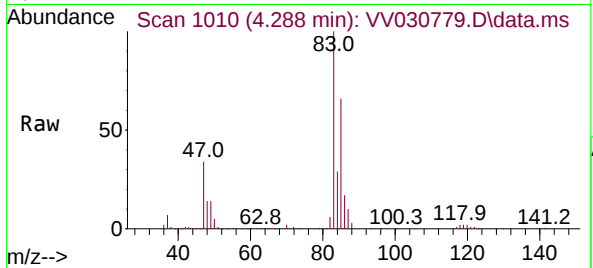




#25
Chloroform
Concen: 46.549 ug/L
RT: 4.288 min Scan# 1009
Delta R.T. 0.003 min
Lab File: VV030779.D
Acq: 21 Apr 2023 21:27

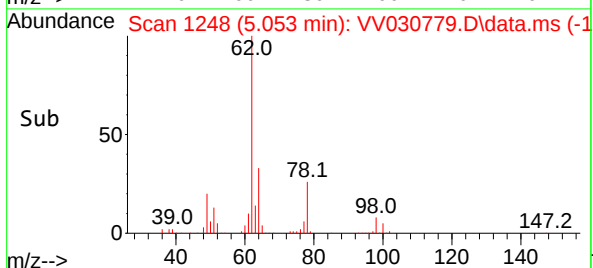
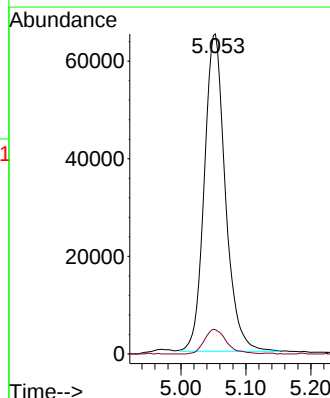
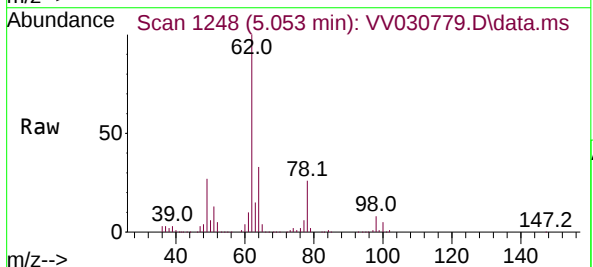
Instrument :
MSVOA_V
ClientSampleId :
VSTD050300

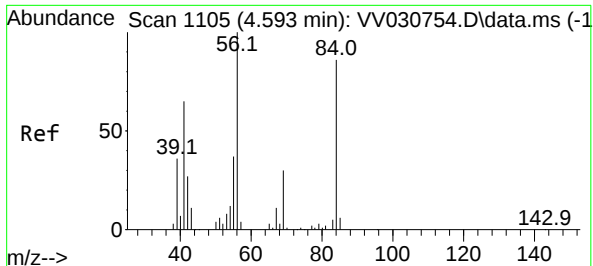
Tgt Ion: 83 Resp: 169315
Ion Ratio Lower Upper
83 100
85 66.2 45.8 85.2



#27
1,2-Dichloroethane
Concen: 47.611 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. 0.003 min
Lab File: VV030779.D
Acq: 21 Apr 2023 21:27

Tgt Ion: 62 Resp: 146595
Ion Ratio Lower Upper
62 100
98 7.6 6.4 9.6





#29

Cyclohexane

Concen: 43.895 ug/L

RT: 4.596 min Scan# 1105

Delta R.T. 0.003 min

Lab File: VV030779.D

Acq: 21 Apr 2023 21:27

Instrument :

MSVOA_V

ClientSampleId :

VSTD050300

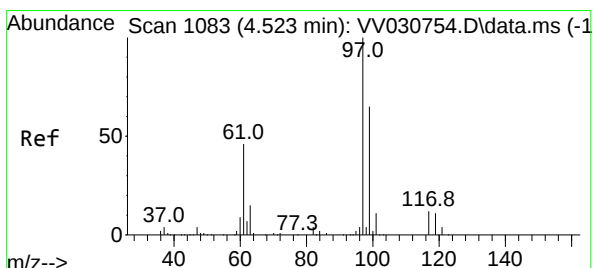
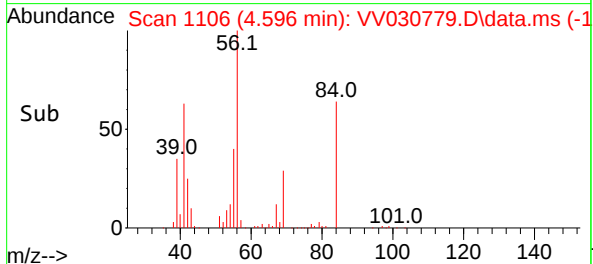
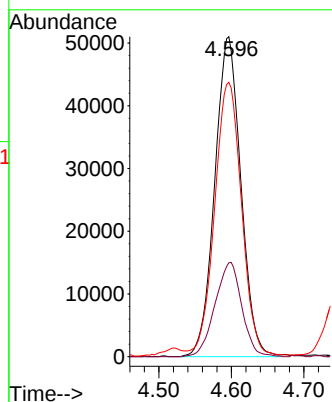
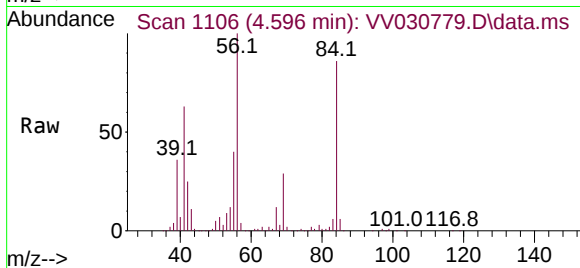
Tgt Ion: 56 Resp: 127786

Ion Ratio Lower Upper

56 100

69 30.2 24.0 36.0

84 86.9 68.2 102.2



#30

1,1,1-Trichloroethane

Concen: 45.610 ug/L

RT: 4.526 min Scan# 1084

Delta R.T. 0.003 min

Lab File: VV030779.D

Acq: 21 Apr 2023 21:27

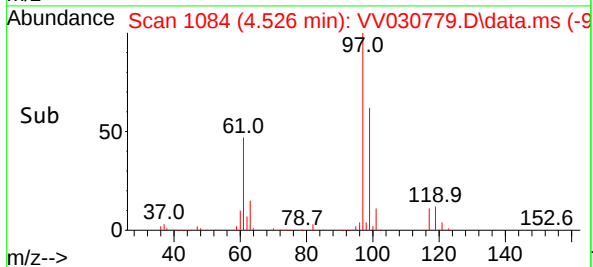
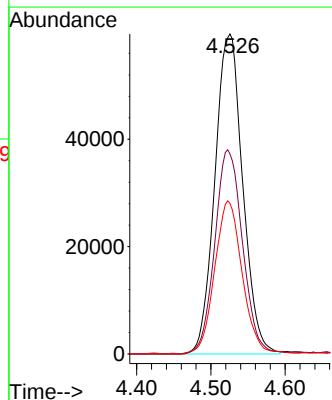
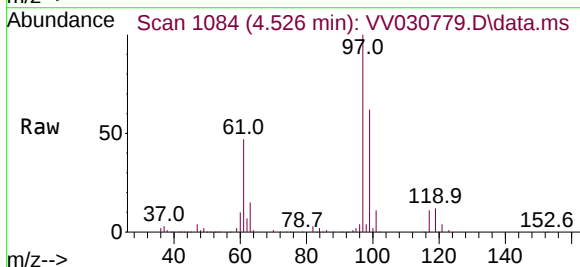
Tgt Ion: 97 Resp: 155472

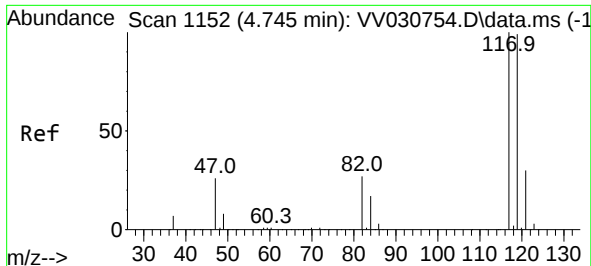
Ion Ratio Lower Upper

97 100

99 63.6 51.4 77.0

61 47.3 37.0 55.6

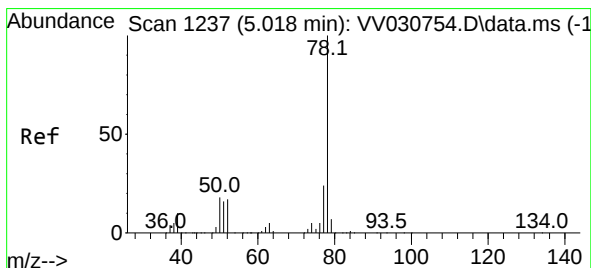
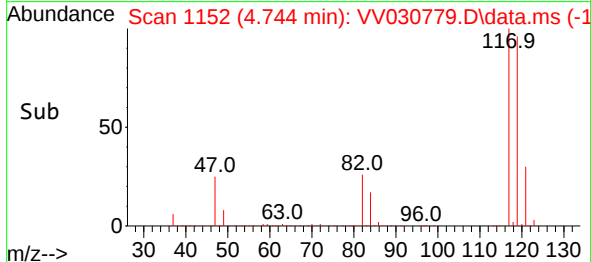
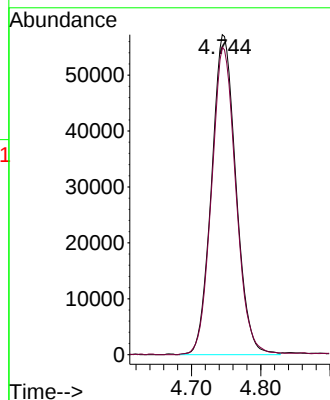
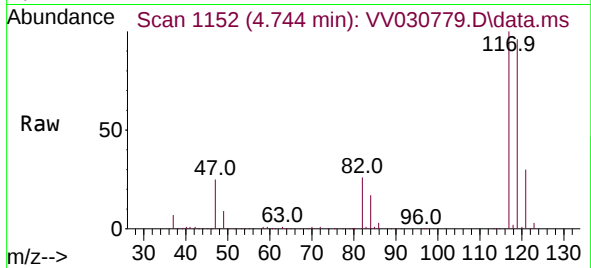




#31
Carbon tetrachloride
Concen: 45.993 ug/L
RT: 4.744 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VV030779.D
Acq: 21 Apr 2023 21:27

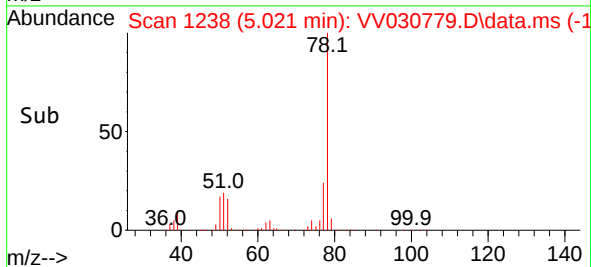
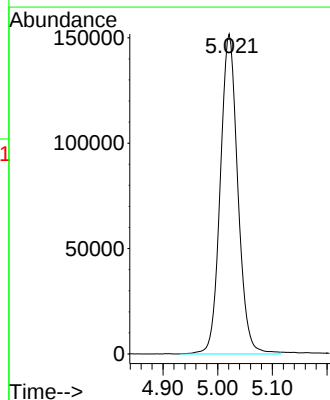
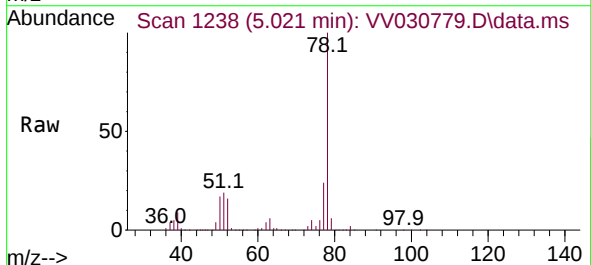
Instrument :
MSVOA_V
ClientSampleId :
VSTD050300

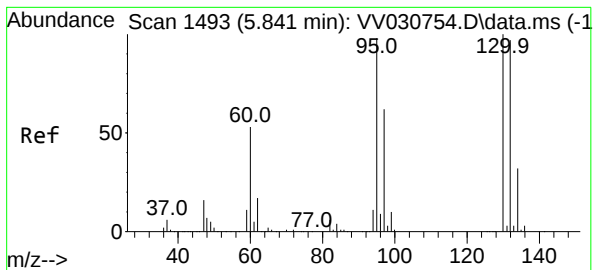
Tgt Ion:117 Resp: 140171
Ion Ratio Lower Upper
117 100
119 96.0 75.9 113.9



#33
Benzene
Concen: 45.874 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. 0.003 min
Lab File: VV030779.D
Acq: 21 Apr 2023 21:27

Tgt Ion: 78 Resp: 337940





#34

Trichloroethene

Concen: 44.563 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VV030779.D

Acq: 21 Apr 2023 21:27

Instrument :

MSVOA_V

ClientSampleId :

VSTD050300

Tgt Ion: 95 Resp: 85390

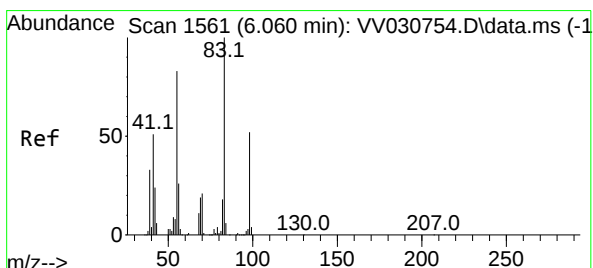
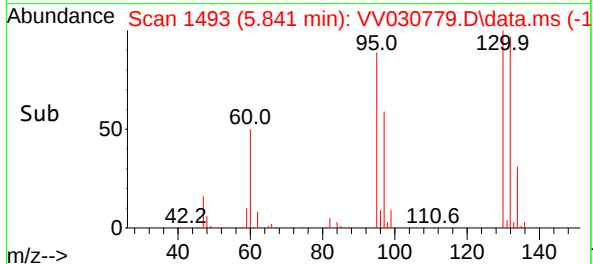
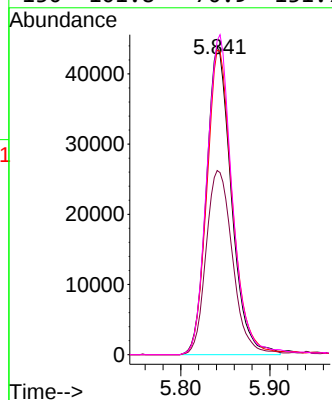
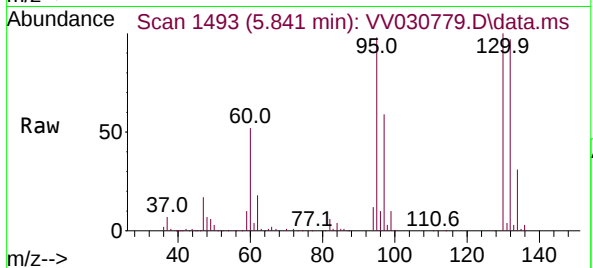
Ion Ratio Lower Upper

95 100

97 59.8 45.8 85.2

132 98.8 70.6 131.2

130 101.8 70.9 131.7



#35

Methylcyclohexane

Concen: 44.812 ug/L

RT: 6.059 min Scan# 1561

Delta R.T. -0.000 min

Lab File: VV030779.D

Acq: 21 Apr 2023 21:27

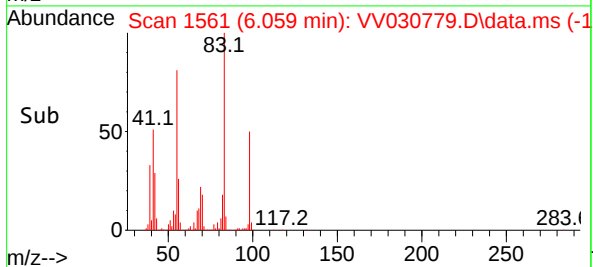
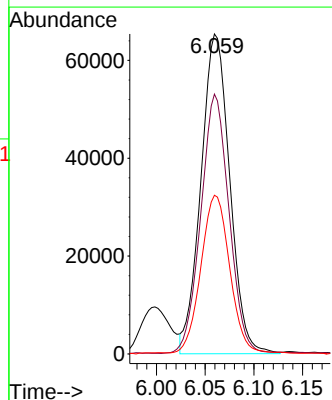
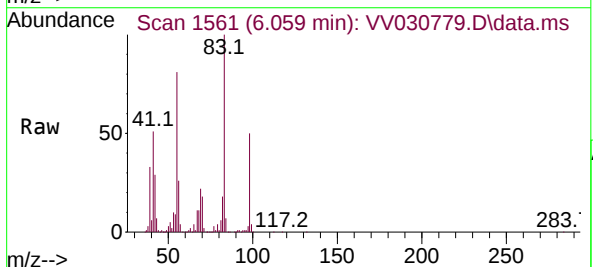
Tgt Ion: 83 Resp: 134546

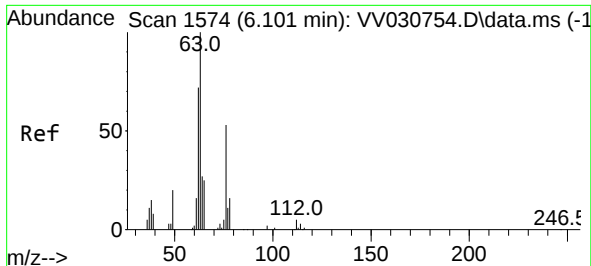
Ion Ratio Lower Upper

83 100

55 79.5 65.5 98.3

98 48.9 38.7 58.1





#37

1,2-Dichloropropane

Concen: 43.761 ug/L

RT: 6.101 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV030779.D

Acq: 21 Apr 2023 21:27

Instrument :

MSVOA_V

ClientSampleId :

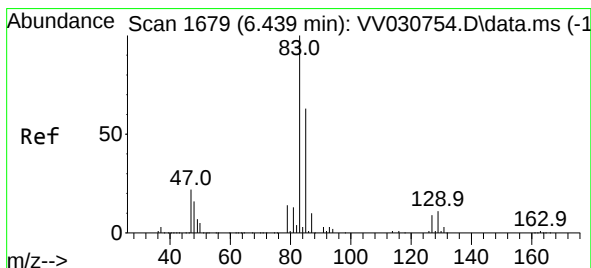
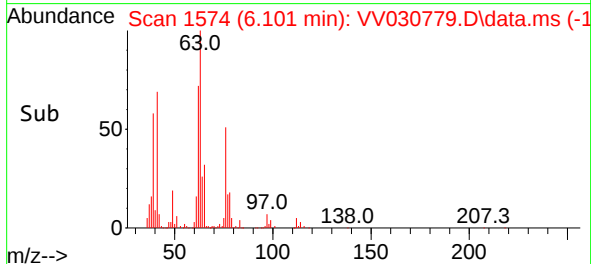
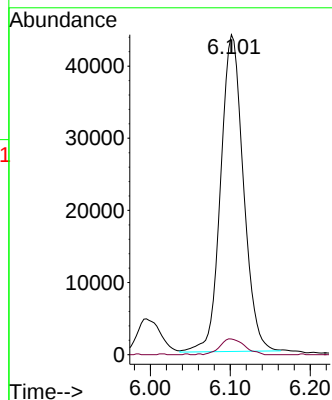
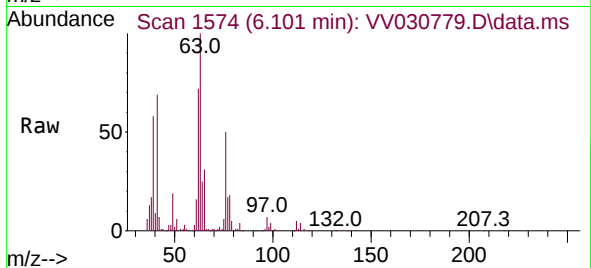
VSTD050300

Tgt Ion: 63 Resp: 86768

Ion Ratio Lower Upper

63 100

112 5.4 3.8 5.8



#38

Bromodichloromethane

Concen: 45.740 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. 0.003 min

Lab File: VV030779.D

Acq: 21 Apr 2023 21:27

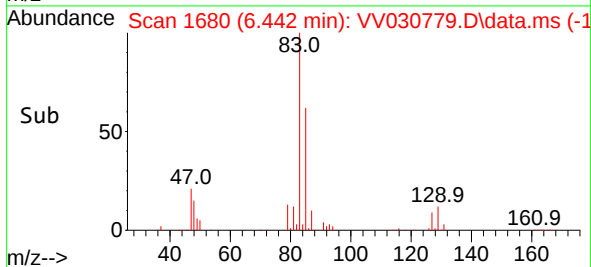
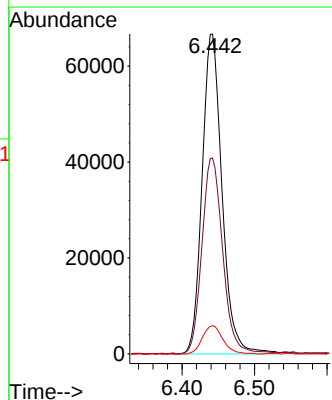
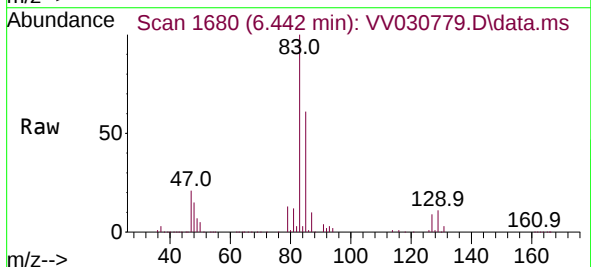
Tgt Ion: 83 Resp: 127401

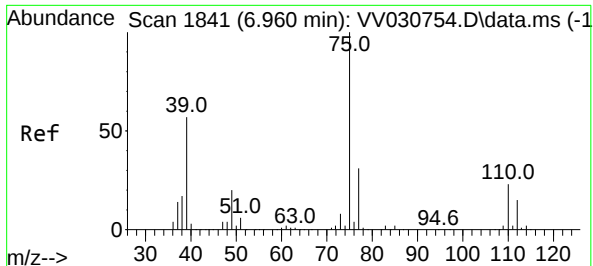
Ion Ratio Lower Upper

83 100

85 61.3 45.4 84.4

127 8.9 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 43.918 ug/L

RT: 6.960 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VV030779.D

Acq: 21 Apr 2023 21:27

Instrument :

MSVOA_V

ClientSampleId :

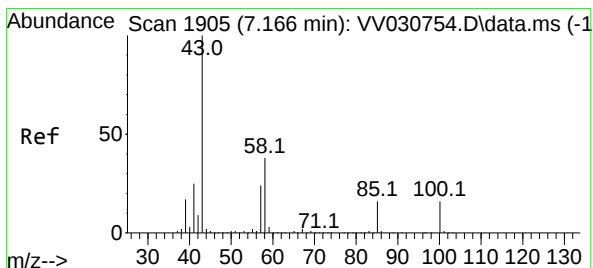
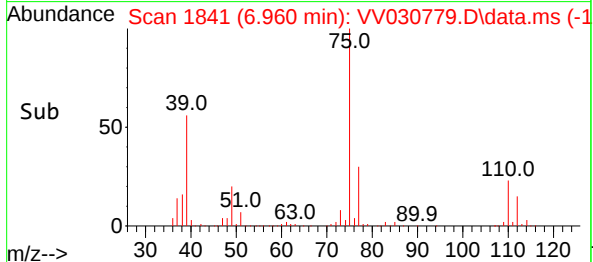
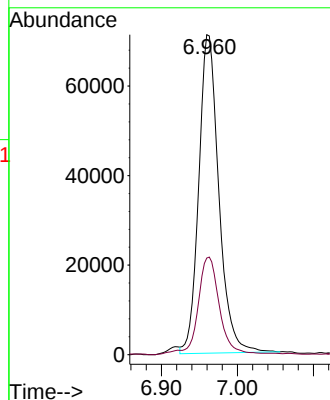
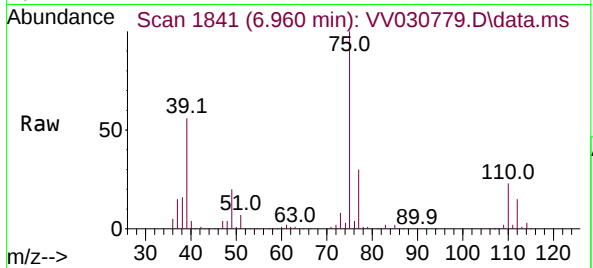
VSTD050300

Tgt Ion: 75 Resp: 130696

Ion Ratio Lower Upper

75 100

77 30.2 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 97.577 ug/L

RT: 7.165 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VV030779.D

Acq: 21 Apr 2023 21:27

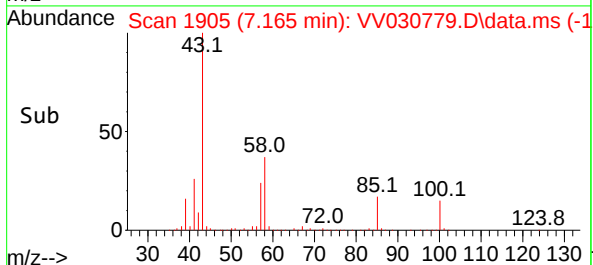
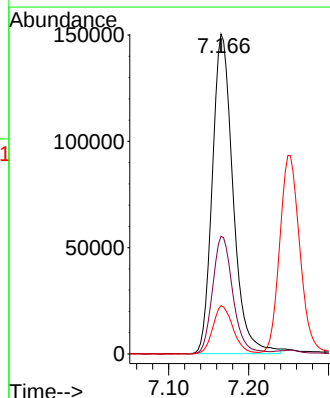
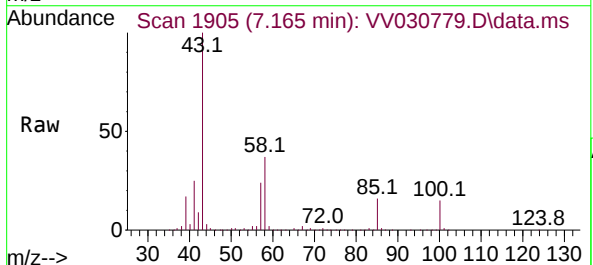
Tgt Ion: 43 Resp: 270263

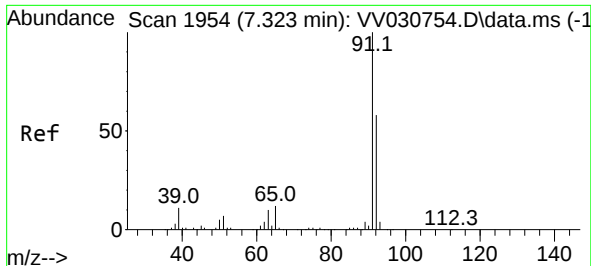
Ion Ratio Lower Upper

43 100

58 36.4 29.2 43.8

100 14.8 11.3 16.9





#42

Toluene

Concen: 47.060 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. -0.000 min

Lab File: VV030779.D

Acq: 21 Apr 2023 21:27

Instrument :

MSVOA_V

ClientSampleId :

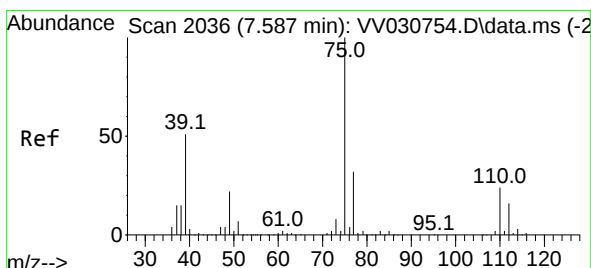
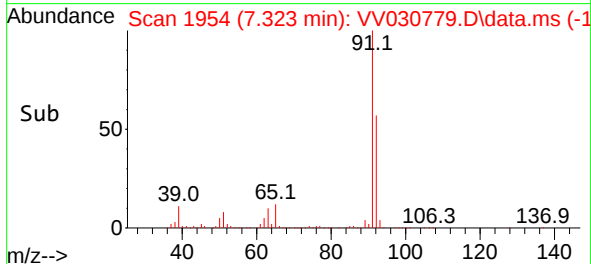
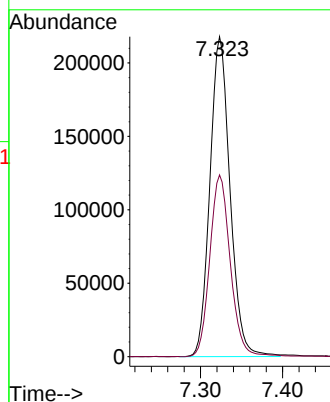
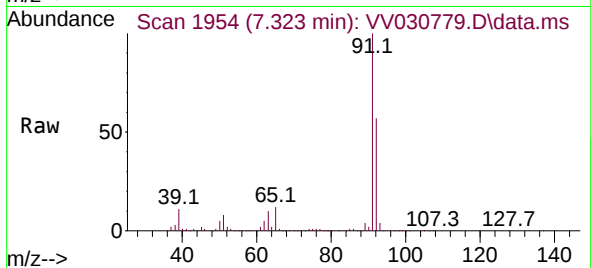
VSTD050300

Tgt Ion: 91 Resp: 371323

Ion Ratio Lower Upper

91 100

92 56.8 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 46.098 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. 0.003 min

Lab File: VV030779.D

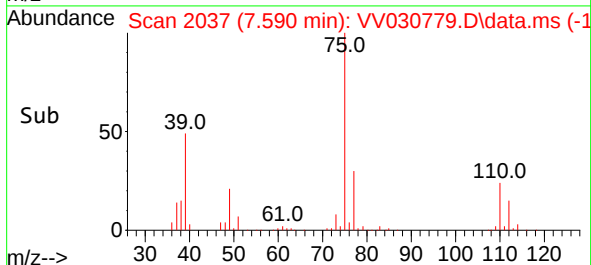
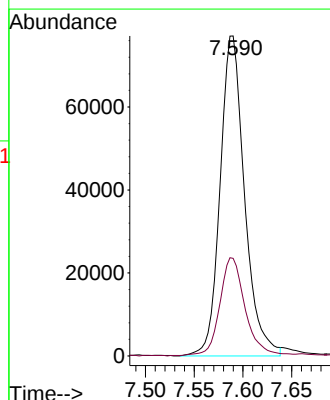
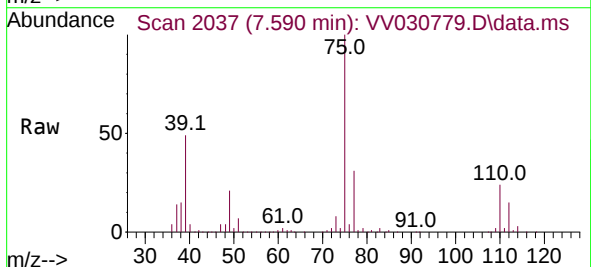
Acq: 21 Apr 2023 21:27

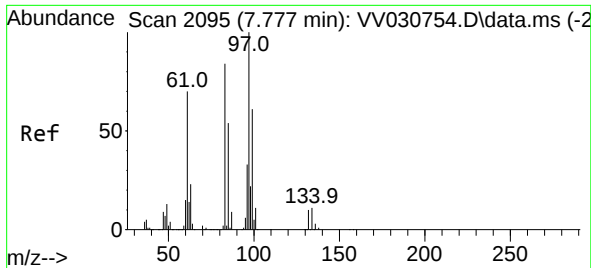
Tgt Ion: 75 Resp: 134778

Ion Ratio Lower Upper

75 100

77 30.5 22.1 41.1

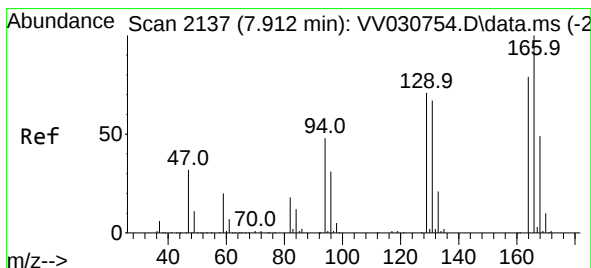
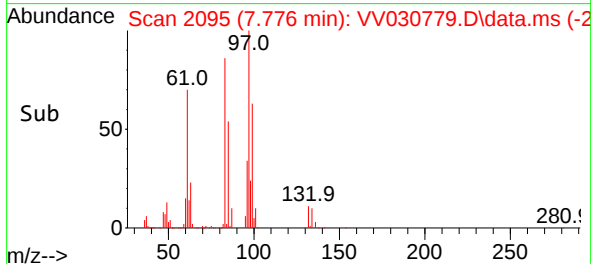
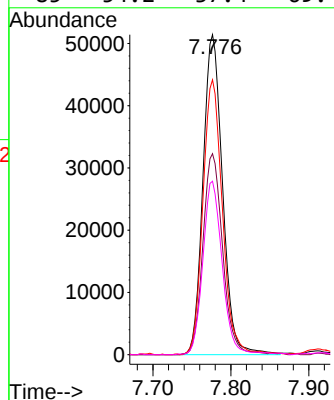
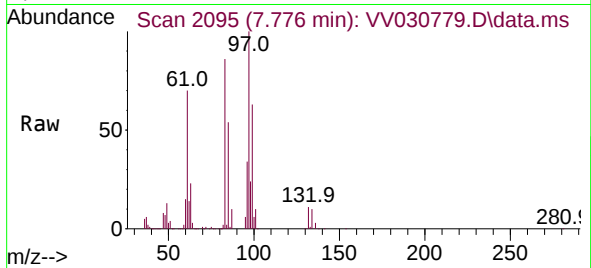




#45
1,1,2-Trichloroethane
Concen: 45.043 ug/L
RT: 7.776 min Scan# 2095
Delta R.T. -0.000 min
Lab File: VV030779.D
Acq: 21 Apr 2023 21:27

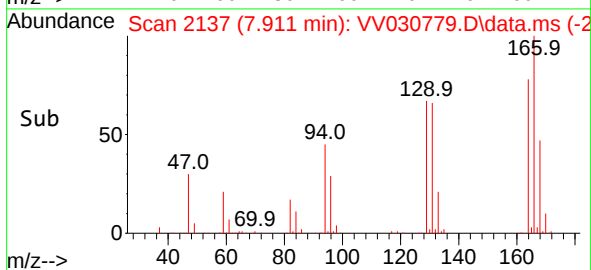
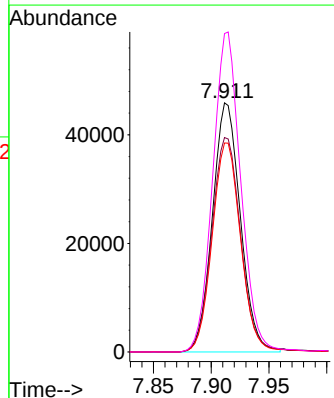
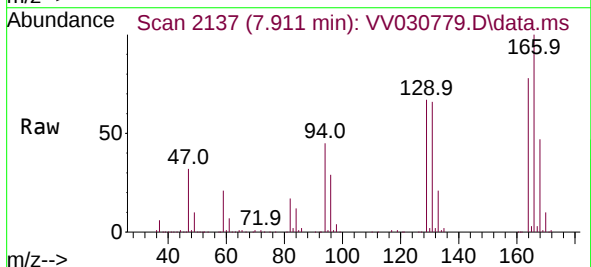
Instrument :
MSVOA_V
ClientSampleId :
VSTD050300

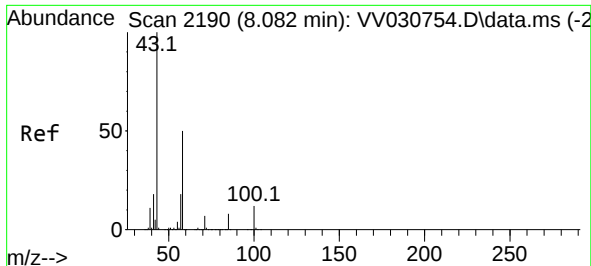
Tgt Ion: 97	Resp: 89555
Ion Ratio	Lower Upper
97 100	
99 62.8	43.8 81.4
83 85.9	59.6 110.6
85 54.2	37.4 69.4



#46
Tetrachloroethene
Concen: 46.084 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VV030779.D
Acq: 21 Apr 2023 21:27

Tgt	Ion:164	Resp:	77294
Ion	Ratio	Lower	Upper
164	100		
129	86.0	63.8	118.6
131	83.9	60.3	111.9
166	127.8	89.5	166.1



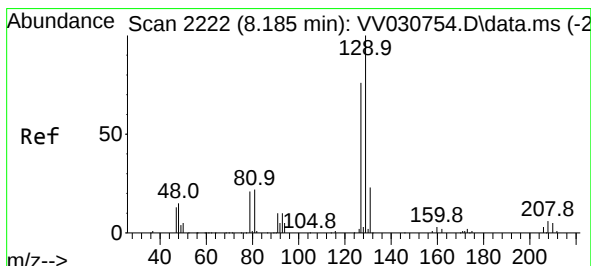
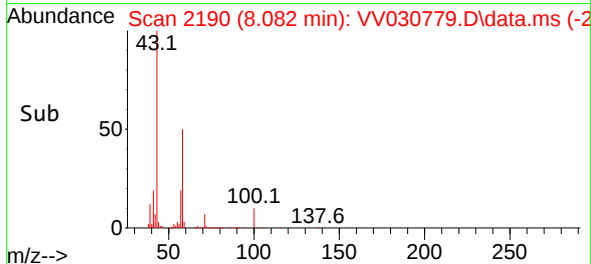
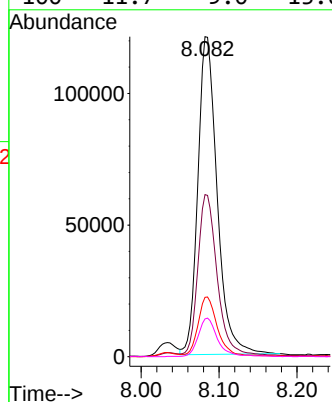
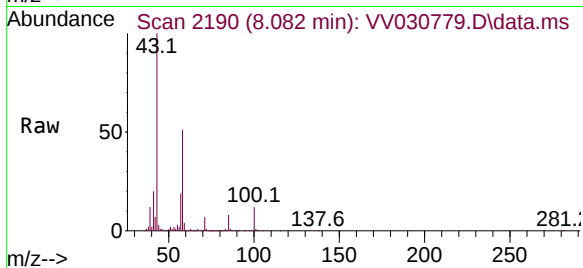


#48
2-Hexanone
Concen: 91.004 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. -0.000 min
Lab File: VV030779.D
Acq: 21 Apr 2023 21:27

Instrument :
MSVOA_V
ClientSampleId :
VSTD050300

Tgt Ion: 43 Resp: 207977

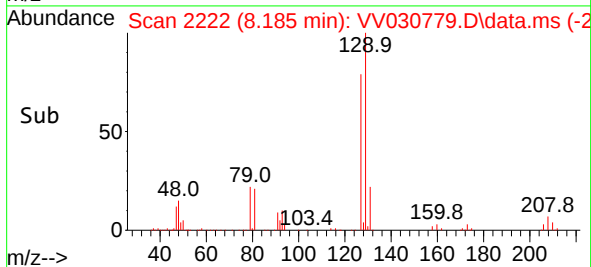
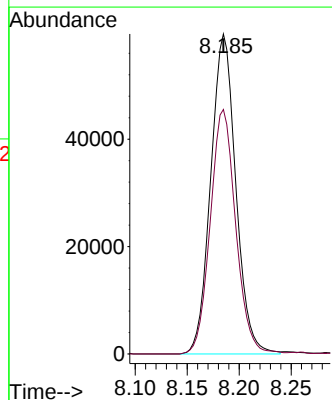
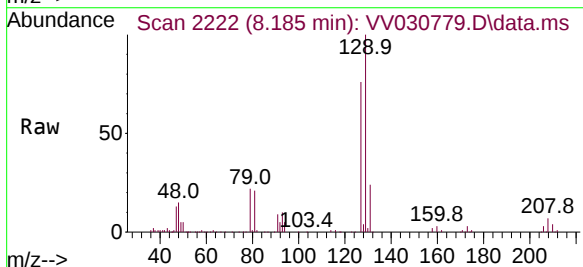
Ion	Ratio	Lower	Upper
43	100		
58	50.3	41.4	62.0
57	18.0	14.9	22.3
100	11.7	9.0	13.6

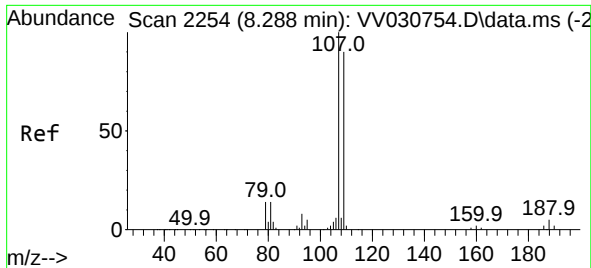


#49
Dibromochloromethane
Concen: 45.630 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. -0.000 min
Lab File: VV030779.D
Acq: 21 Apr 2023 21:27

Tgt Ion: 129 Resp: 100069

Ion	Ratio	Lower	Upper
129	100		
127	76.4	52.8	98.2

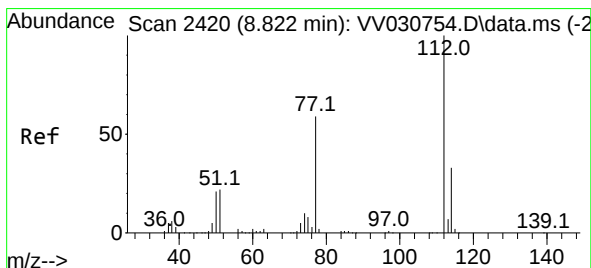
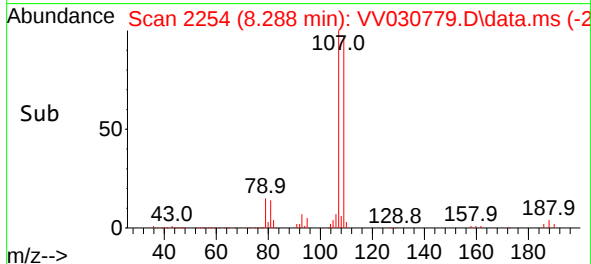
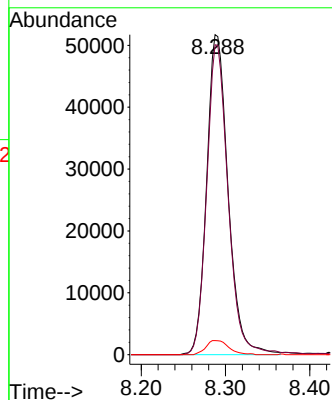
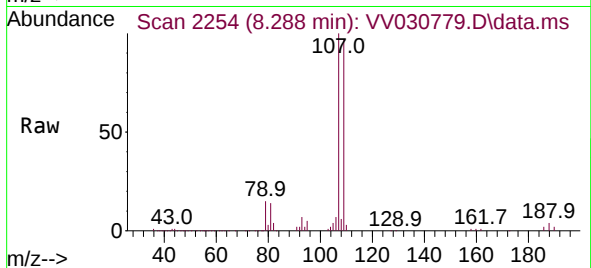




#50
1,2-Dibromoethane
Concen: 44.581 ug/L
RT: 8.288 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030779.D
Acq: 21 Apr 2023 21:27

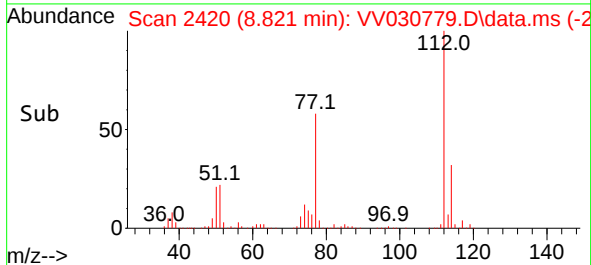
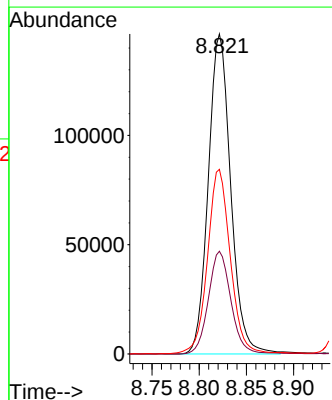
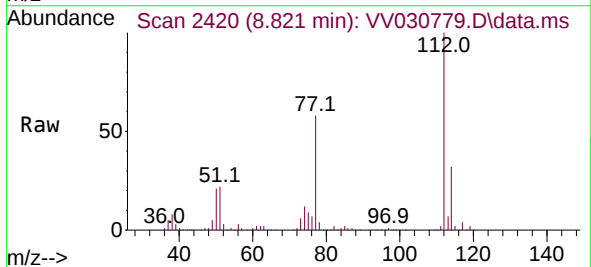
Instrument :
MSVOA_V
ClientSampleId :
VSTD050300

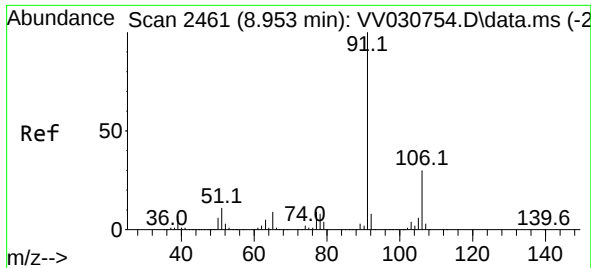
Tgt Ion:107 Resp: 91842
Ion Ratio Lower Upper
107 100
109 96.8 65.7 121.9
188 4.4 3.2 4.8



#51
Chlorobenzene
Concen: 46.262 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. -0.000 min
Lab File: VV030779.D
Acq: 21 Apr 2023 21:27

Tgt Ion:112 Resp: 241753
Ion Ratio Lower Upper
112 100
114 32.1 22.4 41.6
77 57.7 47.4 71.0

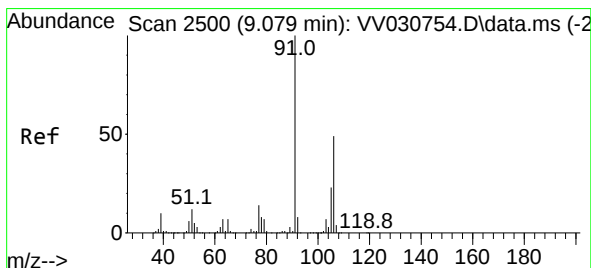
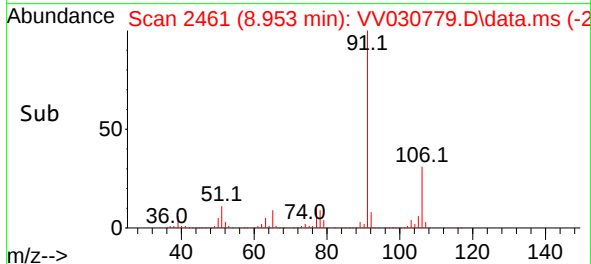
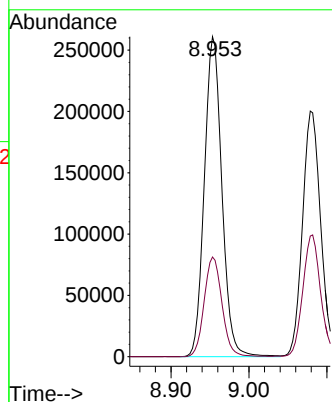
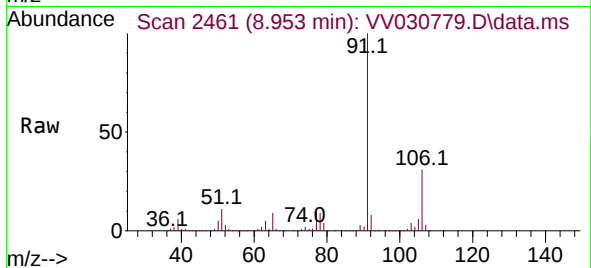




#52
Ethylbenzene
Concen: 46.873 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. -0.000 min
Lab File: VV030779.D
Acq: 21 Apr 2023 21:27

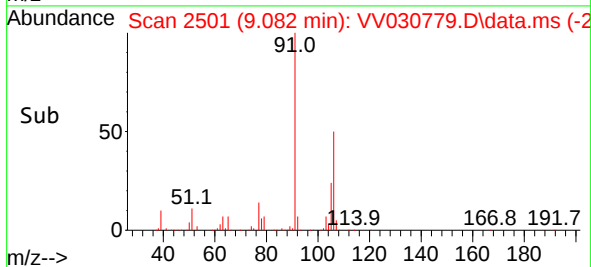
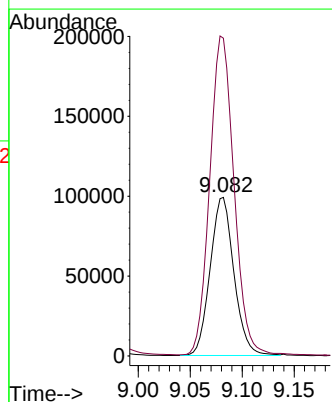
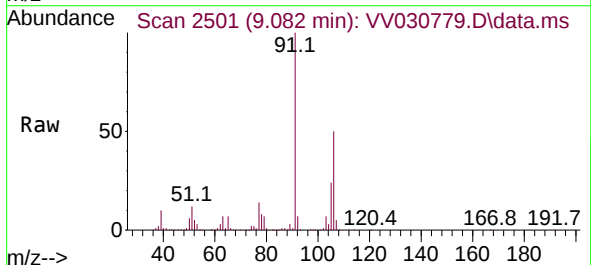
Instrument :
MSVOA_V
ClientSampleId :
VSTD050300

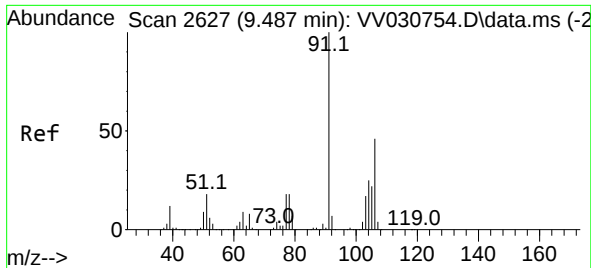
Tgt Ion: 91 Resp: 409446
Ion Ratio Lower Upper
91 100
106 31.1 21.8 40.4



#53
m,p-Xylene
Concen: 47.642 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.003 min
Lab File: VV030779.D
Acq: 21 Apr 2023 21:27

Tgt Ion: 106 Resp: 157196
Ion Ratio Lower Upper
106 100
91 200.4 144.7 268.7

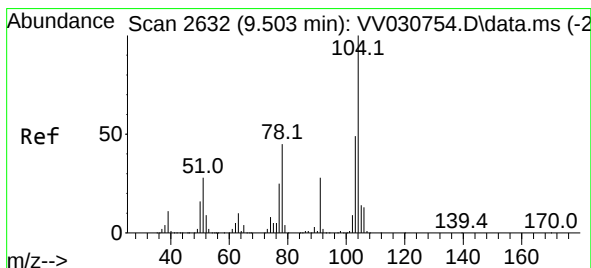
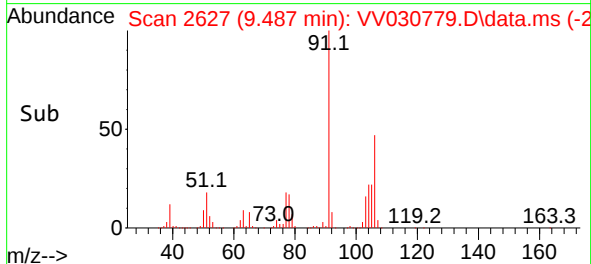
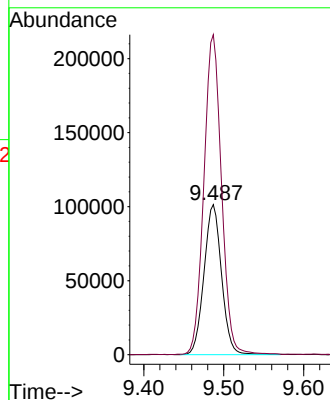
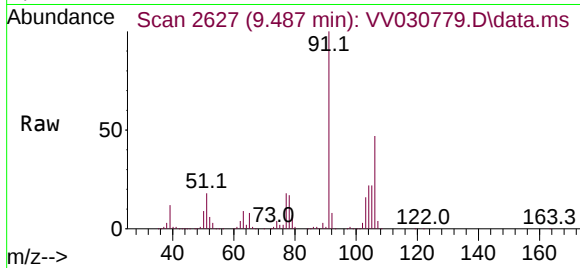




#54
o-Xylene
Concen: 48.071 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.000 min
Lab File: VV030779.D
Acq: 21 Apr 2023 21:27

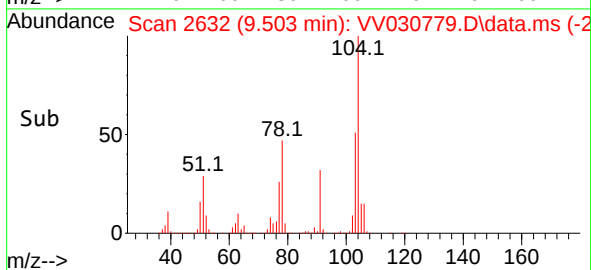
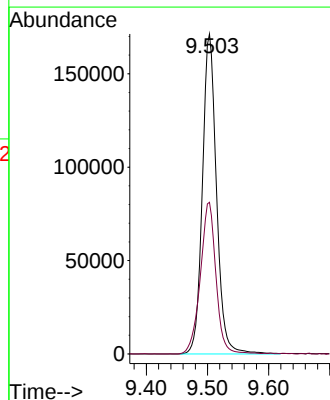
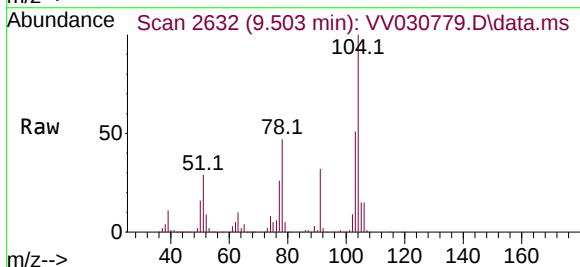
Instrument :
MSVOA_V
ClientSampleId :
VSTD050300

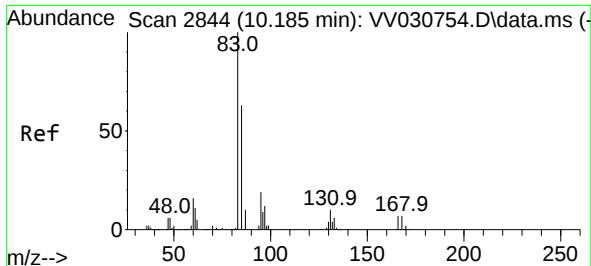
Tgt Ion:106 Resp: 155166
Ion Ratio Lower Upper
106 100
91 213.3 152.6 283.4



#55
Styrene
Concen: 48.458 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. -0.000 min
Lab File: VV030779.D
Acq: 21 Apr 2023 21:27

Tgt Ion:104 Resp: 274757
Ion Ratio Lower Upper
104 100
78 47.4 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 45.322 ug/L

RT: 10.185 min Scan# 2844

Delta R.T. -0.000 min

Lab File: VV030779.D

Acq: 21 Apr 2023 21:27

Instrument :

MSVOA_V

ClientSampleId :

VSTD050300

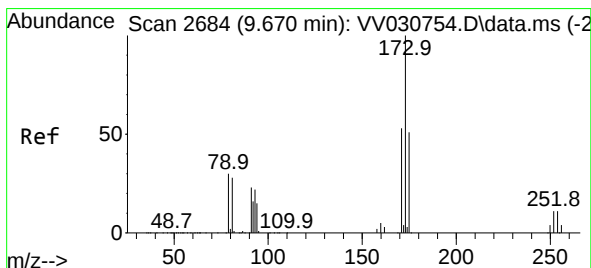
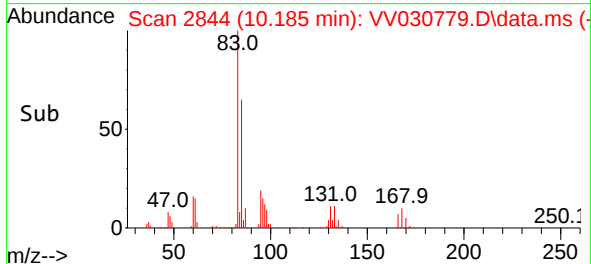
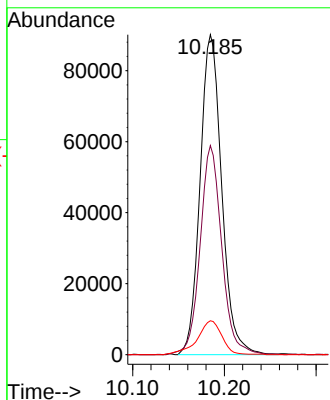
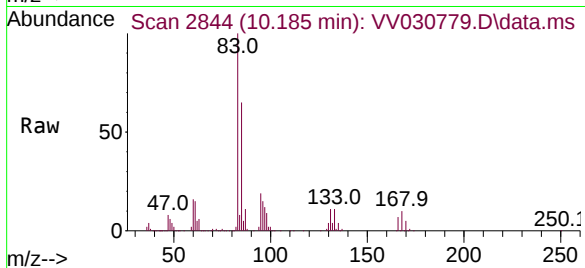
Tgt Ion: 83 Resp: 147948

Ion Ratio Lower Upper

83 100

85 65.4 45.1 83.7

131 10.6 8.0 12.0



#59

Bromoform

Concen: 46.558 ug/L

RT: 9.673 min Scan# 2685

Delta R.T. 0.003 min

Lab File: VV030779.D

Acq: 21 Apr 2023 21:27

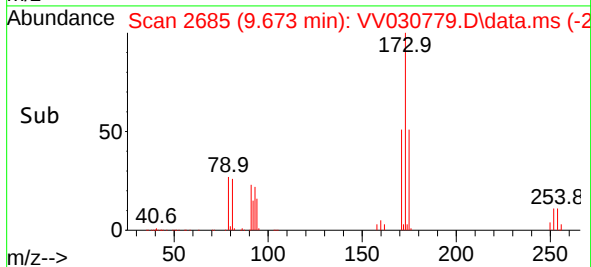
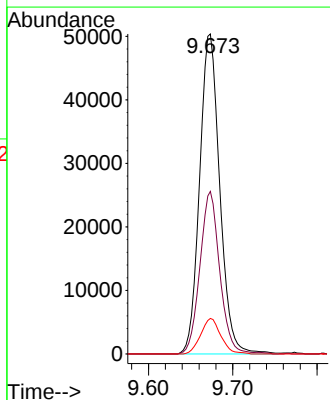
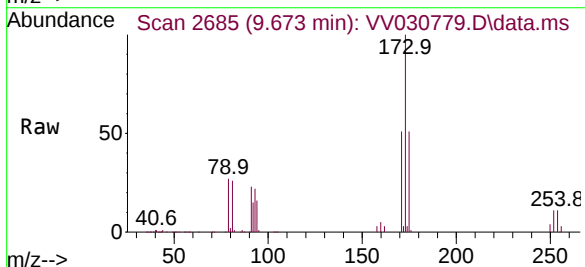
Tgt Ion: 173 Resp: 83950

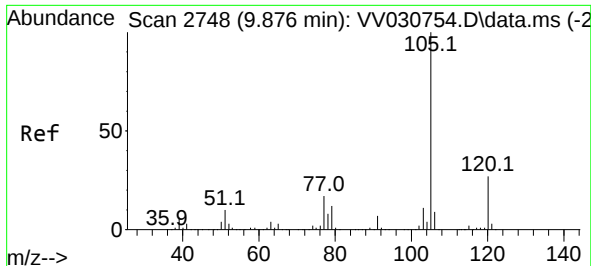
Ion Ratio Lower Upper

173 100

175 49.7 38.8 58.2

254 11.1 8.2 12.4

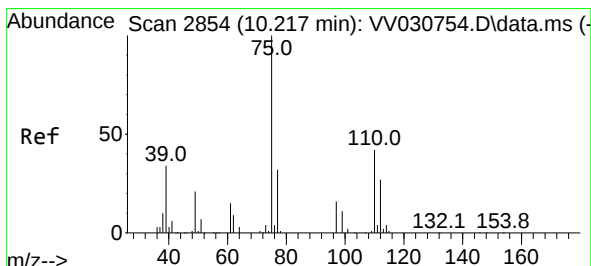
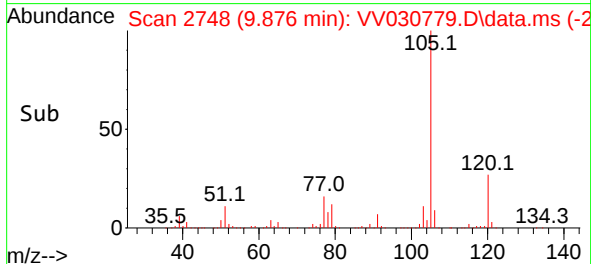
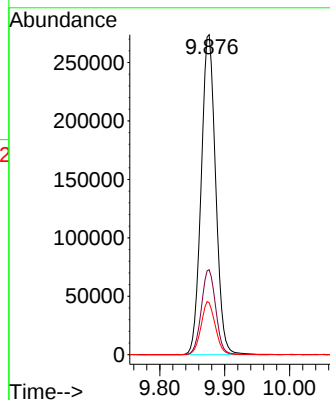
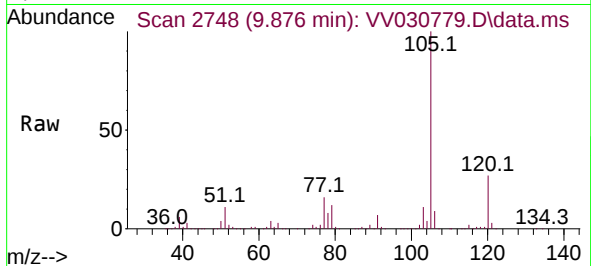




#60
Isopropylbenzene
Concen: 47.350 ug/L
RT: 9.876 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030779.D
Acq: 21 Apr 2023 21:27

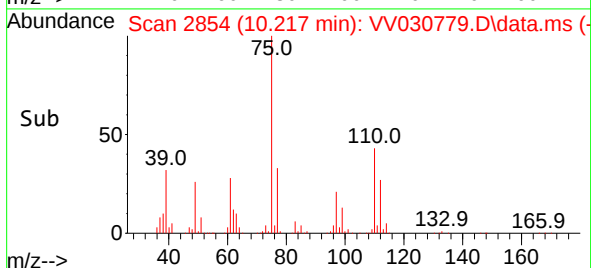
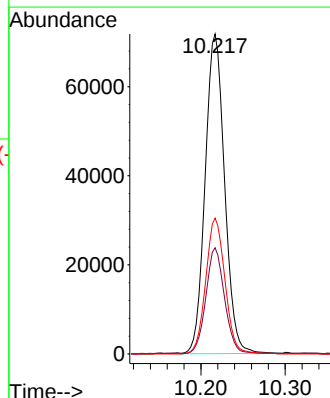
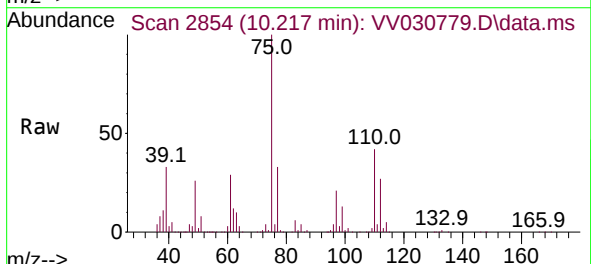
Instrument :
MSVOA_V
ClientSampleId :
VSTD050300

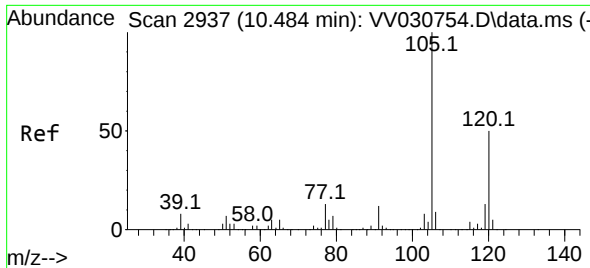
Tgt Ion:105 Resp: 425289
Ion Ratio Lower Upper
105 100
120 26.4 20.9 31.3
77 16.2 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 44.745 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. -0.000 min
Lab File: VV030779.D
Acq: 21 Apr 2023 21:27

Tgt Ion: 75 Resp: 115417
Ion Ratio Lower Upper
75 100
77 31.4 25.7 38.5
110 42.0 32.8 49.2

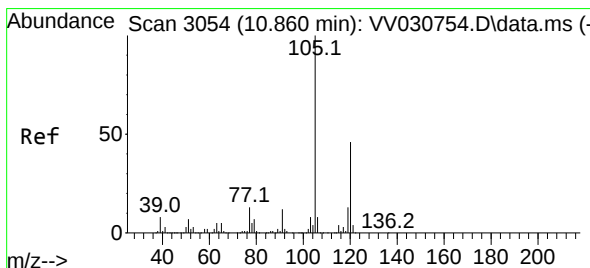
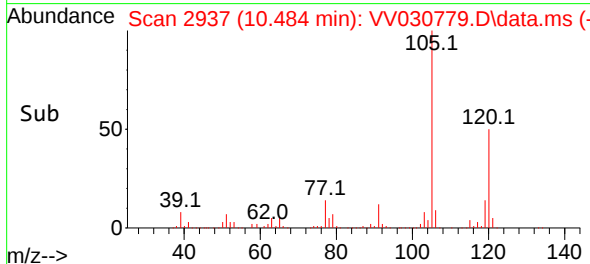
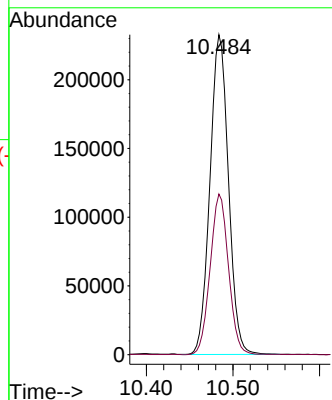
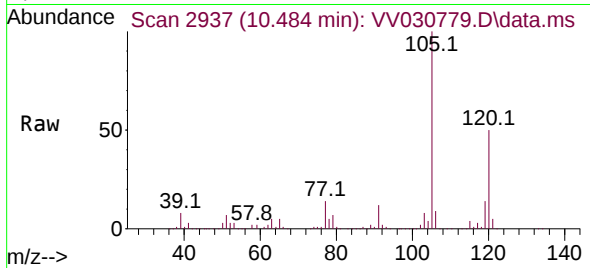




#62
1,3,5-Trimethylbenzene
Concen: 46.656 ug/L
RT: 10.484 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VV030779.D
Acq: 21 Apr 2023 21:27

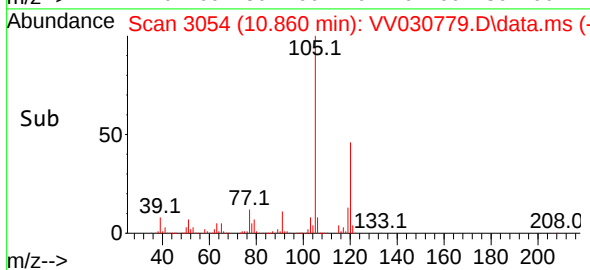
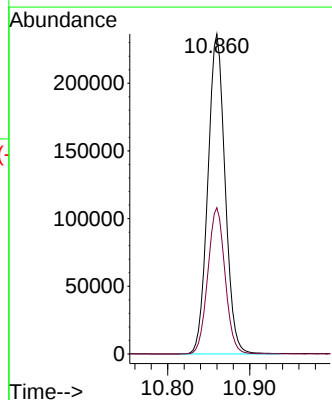
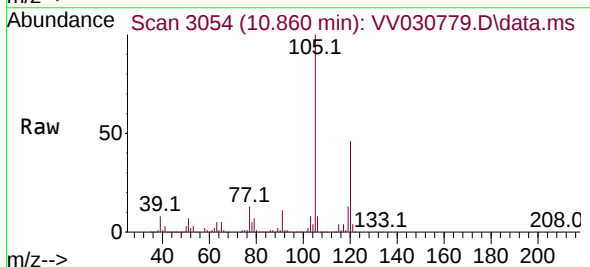
Instrument :
MSVOA_V
ClientSampleId :
VSTD050300

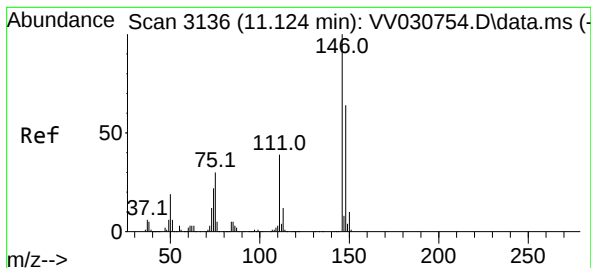
Tgt Ion:105 Resp: 345028
Ion Ratio Lower Upper
105 100
120 49.8 39.2 58.8



#63
1,2,4-Trimethylbenzene
Concen: 46.646 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. -0.000 min
Lab File: VV030779.D
Acq: 21 Apr 2023 21:27

Tgt Ion:105 Resp: 344423
Ion Ratio Lower Upper
105 100
120 45.8 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 47.065 ug/L

RT: 11.124 min Scan# 3136

Delta R.T. -0.000 min

Lab File: VV030779.D

Acq: 21 Apr 2023 21:27

Instrument :

MSVOA_V

ClientSampleId :

VSTD050300

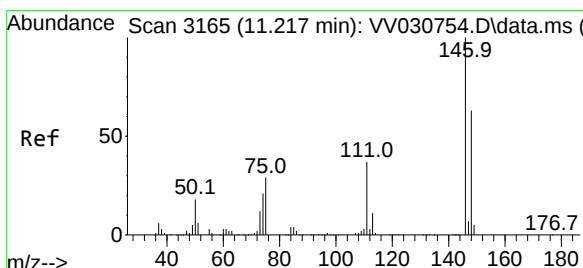
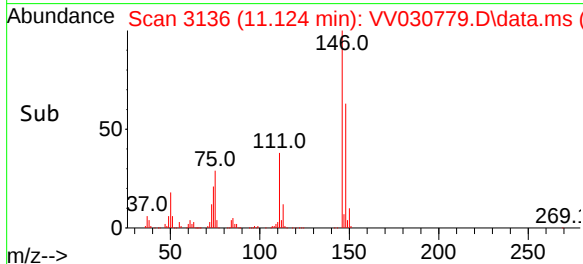
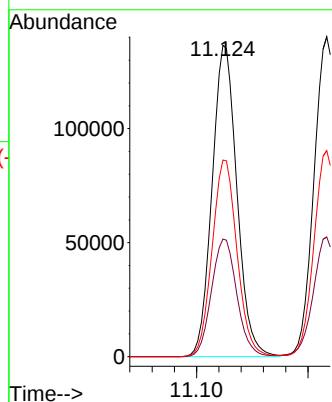
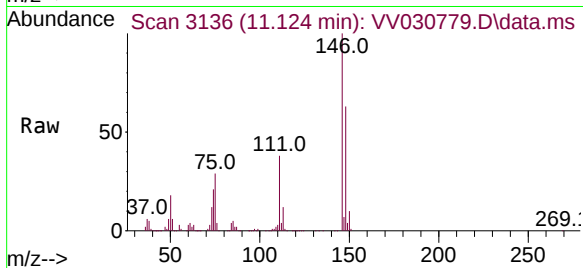
Tgt Ion:146 Resp: 211644

Ion Ratio Lower Upper

146 100

111 37.8 27.0 50.2

148 63.2 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 45.890 ug/L

RT: 11.217 min Scan# 3165

Delta R.T. -0.000 min

Lab File: VV030779.D

Acq: 21 Apr 2023 21:27

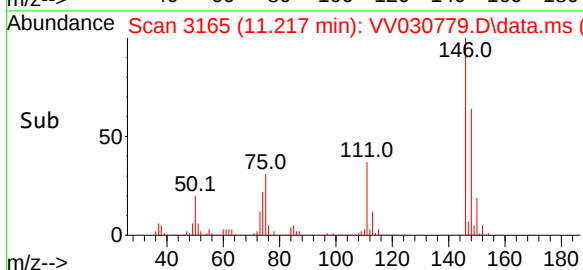
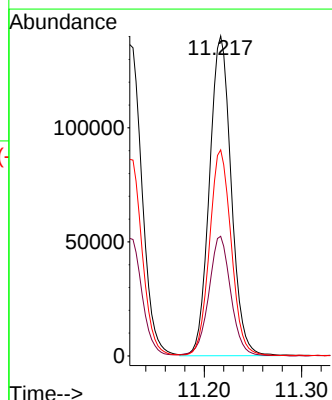
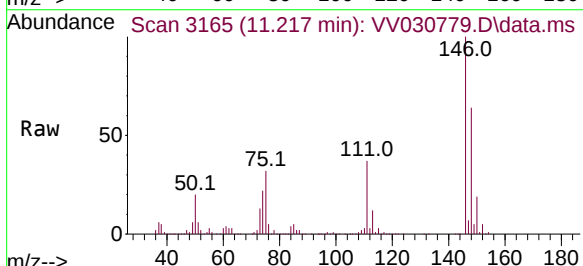
Tgt Ion:146 Resp: 217604

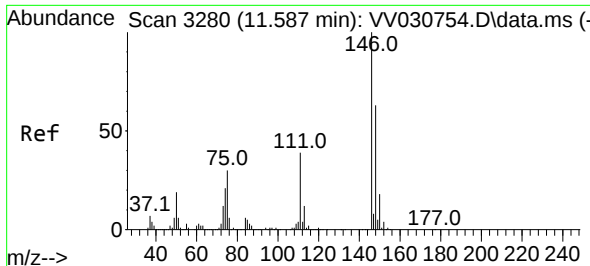
Ion Ratio Lower Upper

146 100

111 37.4 26.5 49.1

148 64.4 44.7 83.1

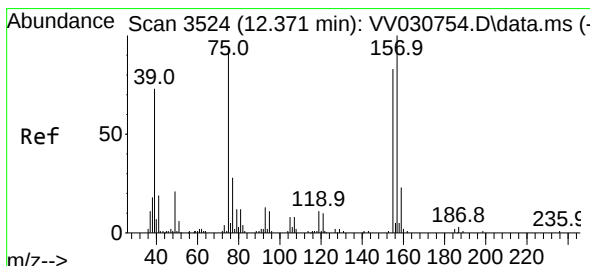
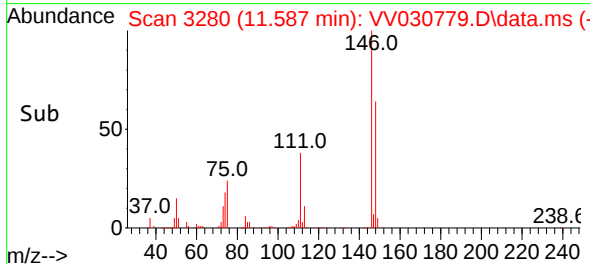
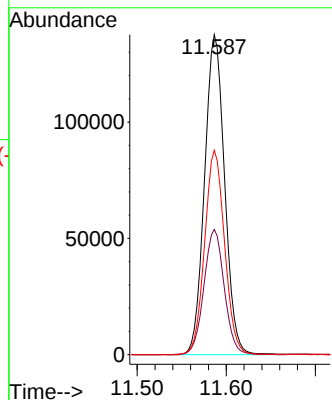
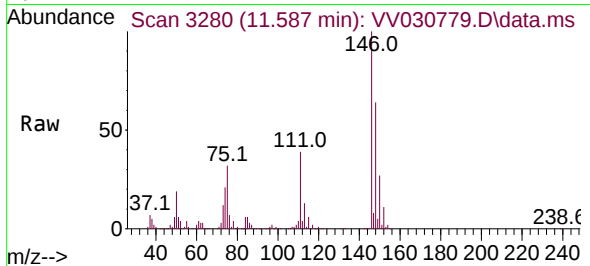




#67
1,2-Dichlorobenzene
Concen: 47.399 ug/L
RT: 11.587 min Scan# 3111
Delta R.T. -0.000 min
Lab File: VV030779.D
Acq: 21 Apr 2023 21:27

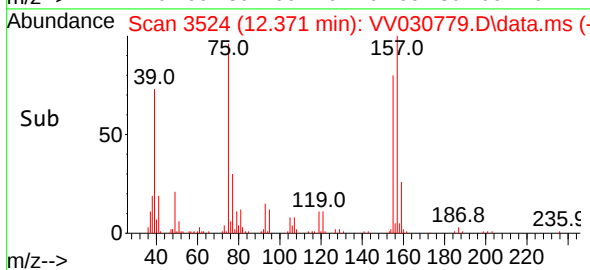
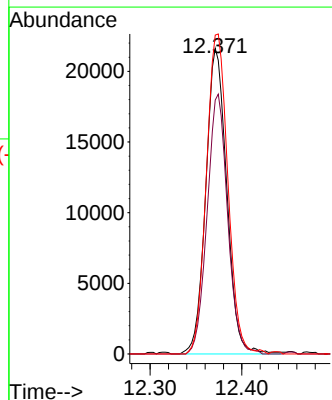
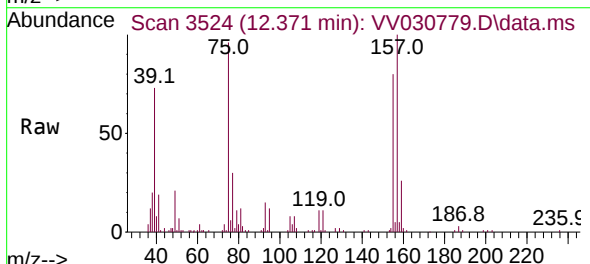
Instrument :
MSVOA_V
ClientSampleId :
VSTD050300

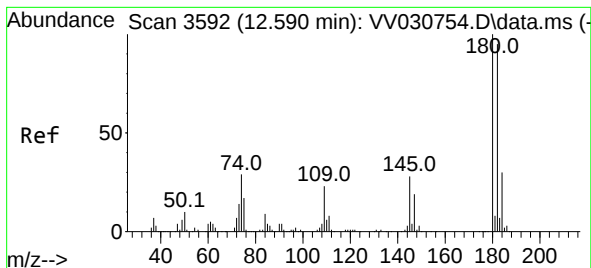
Tgt Ion:146 Resp: 215027
Ion Ratio Lower Upper
146 100
111 39.1 32.0 48.0
148 63.9 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 45.109 ug/L
RT: 12.371 min Scan# 3524
Delta R.T. -0.000 min
Lab File: VV030779.D
Acq: 21 Apr 2023 21:27

Tgt Ion: 75 Resp: 34473
Ion Ratio Lower Upper
75 100
155 83.1 65.0 97.6
157 104.3 84.4 126.6





#69

1,3,5-Trichlorobenzene

Concen: 46.230 ug/L

RT: 12.590 min Scan# 3592

Delta R.T. -0.000 min

Lab File: VV030779.D

Acq: 21 Apr 2023 21:27

Instrument :

MSVOA_V

ClientSampleId :

VSTD050300

Tgt Ion:180 Resp: 157041

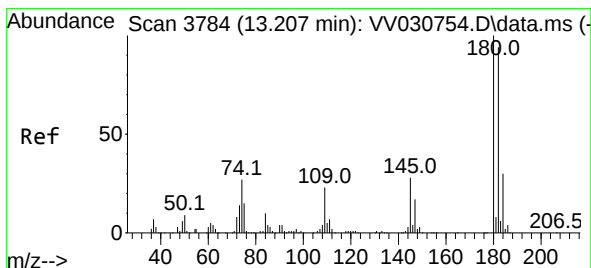
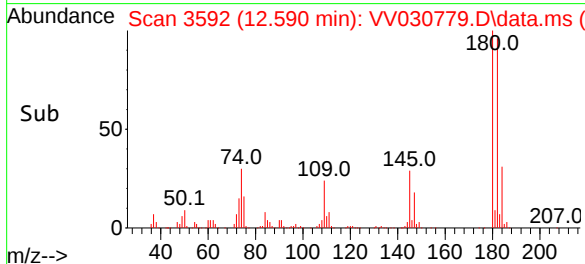
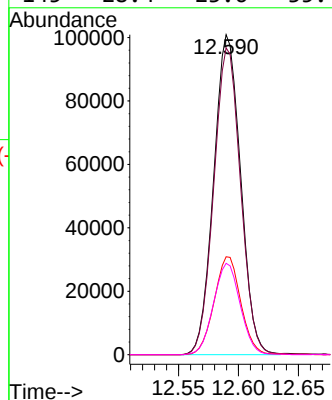
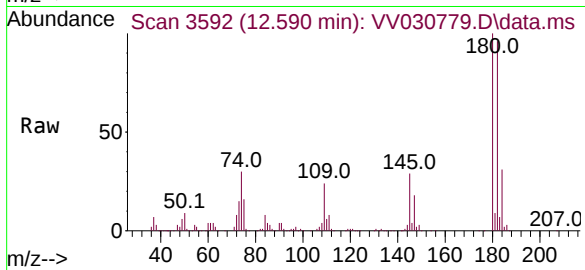
Ion Ratio Lower Upper

180 100

182 95.6 76.4 114.6

184 30.3 24.1 36.1

145 28.4 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 44.423 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. -0.000 min

Lab File: VV030779.D

Acq: 21 Apr 2023 21:27

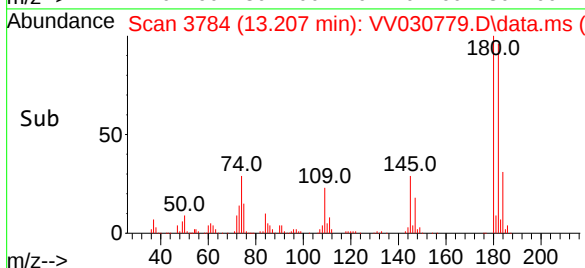
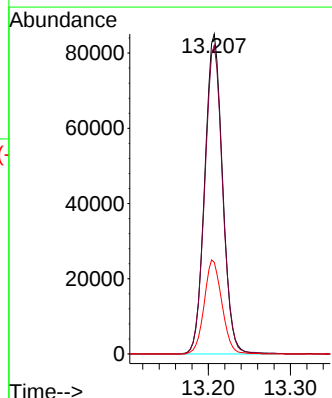
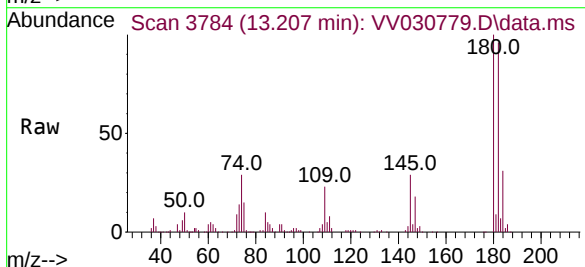
Tgt Ion:180 Resp: 128125

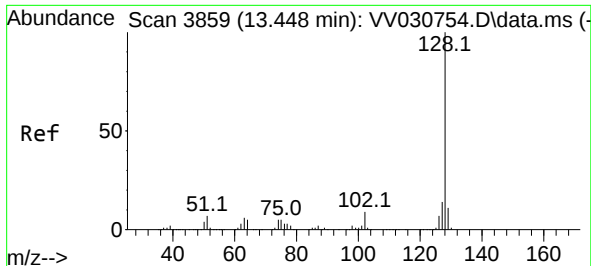
Ion Ratio Lower Upper

180 100

182 96.9 75.9 113.9

145 29.2 23.4 35.2

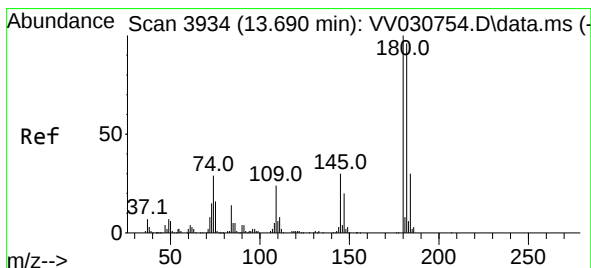
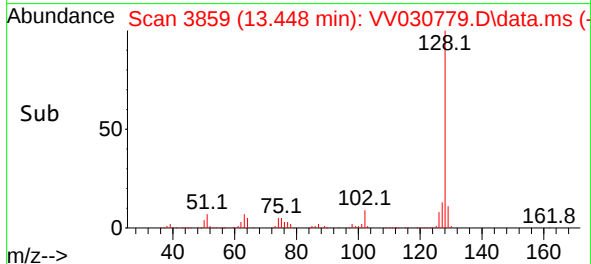
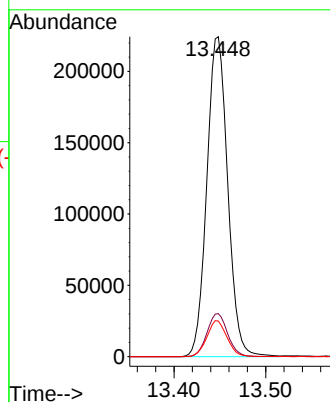
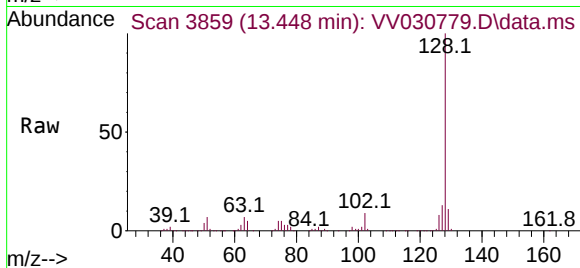




#71
Naphthalene
Concen: 45.068 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. -0.000 min
Lab File: VV030779.D
Acq: 21 Apr 2023 21:27

Instrument :
MSVOA_V
ClientSampleId :
VSTD050300

Tgt Ion:128 Resp: 355577
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 10.9 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 47.082 ug/L
RT: 13.689 min Scan# 3934
Delta R.T. -0.000 min
Lab File: VV030779.D
Acq: 21 Apr 2023 21:27

Tgt Ion:180 Resp: 134652
Ion Ratio Lower Upper
180 100
182 95.0 76.2 114.4
145 30.6 25.1 37.7

