

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083022\
 Data File : VU050517.D
 Acq On : 30 Aug 2022 15:12
 Operator : SY/MD
 Sample : VSTD05015
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050015

Quant Time: Aug 31 01:25:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM083022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 31 01:24:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	379148	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	364949	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	163969	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	141605	34.081	ug/L	0.00
7) Chloroethane-d5	1.903	69	118360	38.420	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	236614	39.353	ug/L	0.00
21) 2-Butanone-d5	4.629	46	260648	91.088	ug/L	0.00
24) Chloroform-d	5.063	84	281676	40.892	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	179528	41.592	ug/L	0.00
32) Benzene-d6	5.726	84	566341	43.868	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	188032	43.570	ug/L	0.00
41) Toluene-d8	7.899	98	505043	44.834	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	75606	42.402	ug/L	0.00
47) 2-Hexanone-d5	8.636	63	135294	85.741	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	287362	43.166	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	167644	44.037	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	102019	36.674	ug/L	100
3) Chloromethane	1.517	50	184414	52.440	ug/L	100
5) Vinyl chloride	1.601	62	175072	51.560	ug/L	100
6) Bromomethane	1.848	94	85315	64.097	ug/L	100
8) Chloroethane	1.925	64	111914	54.026	ug/L	100
9) Trichlorofluoromethane	2.131	101	193473	46.023	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	109599	42.848	ug/L	100
12) 1,1-Dichloroethene	2.575	96	125160	53.007	ug/L	100
13) Acetone	2.633	43	188728	95.596	ug/L	100
14) Carbon disulfide	2.787	76	296621	49.871	ug/L	100
15) Methyl Acetate	2.951	43	199118	55.337	ug/L	100
16) Methylene chloride	3.041	84	185038	55.030	ug/L	100
17) trans-1,2-Dichloroethene	3.350	96	134497	53.882	ug/L	100
18) Methyl tert-butyl Ether	3.366	73	467140	57.935	ug/L	100
19) 1,1-Dichloroethane	3.867	63	280165	52.107	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	165484	55.260	ug/L	100
22) 2-Butanone	4.706	43	304456	112.243	ug/L	100
23) Bromochloromethane	4.973	128	89285	54.571	ug/L	100
25) Chloroform	5.086	83	288729	50.765	ug/L	100
27) 1,2-Dichloroethane	5.793	62	231307	53.708	ug/L	100
29) Cyclohexane	5.388	56	188523	55.552	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	215462	51.421	ug/L	100
31) Carbon tetrachloride	5.523	117	161537	47.812	ug/L	100
33) Benzene	5.774	78	659303	58.121	ug/L	100
34) Trichloroethene	6.542	95	145281	54.616	ug/L	100
35) Methylcyclohexane	6.764	83	184470	50.735	ug/L	100
37) 1,2-Dichloropropane	6.790	63	178005	54.348	ug/L	100
38) Bromodichloromethane	7.105	83	202527	49.538	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	236888	55.083	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	533863	120.489	ug/L	100
42) Toluene	7.970	91	663398	58.348	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	218384	54.724	ug/L	100

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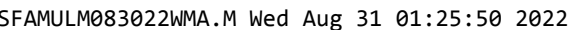
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050015

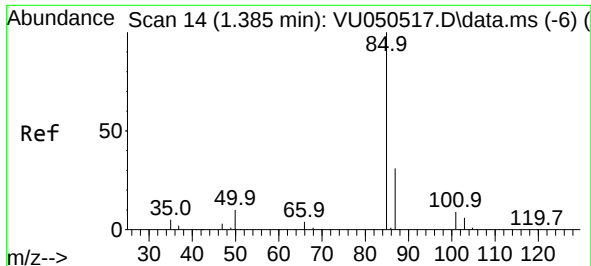
Quant Time: Aug 31 01:25:41 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	175186	54.452	ug/L	100
46) Tetrachloroethene	8.552	164	101077	52.284	ug/L	100
48) 2-Hexanone	8.687	43	458182	123.726	ug/L	100
49) Dibromochloromethane	8.809	129	151752	46.971	ug/L	100
50) 1,2-Dibromoethane	8.925	107	179997	55.493	ug/L	100
51) Chlorobenzene	9.446	112	397126	53.516	ug/L	100
52) Ethylbenzene	9.571	91	633467	55.612	ug/L	100
53) m,p-Xylene	9.693	106	241501	56.763	ug/L	100
54) o-Xylene	10.102	106	252134	59.128	ug/L	100
55) Styrene	10.115	104	424256	58.959	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	306567	52.525	ug/L	100
59) Bromoform	10.291	173	107616	46.284	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	238106	54.732	ug/L	100
61) Isopropylbenzene	10.484	105	591171	57.152	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	490186	58.266	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	481021	58.716	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	266605	53.039	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	258636	51.302	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	286716	53.938	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	55634	49.312	ug/L	100
69) 1,3,5-Trichlorobenzene	13.221	180	171685	49.999	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	144116	52.202	ug/L	100
71) Naphthalene	14.089	128	568561	60.707	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	169619	55.698	ug/L	100

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

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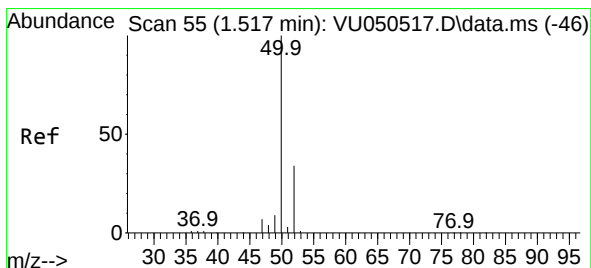
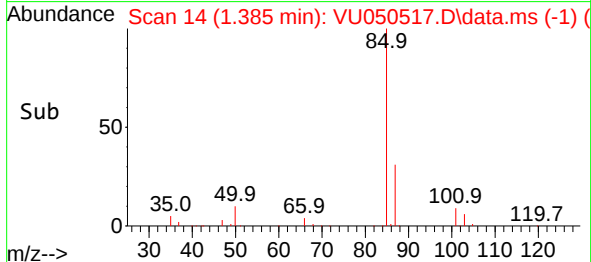
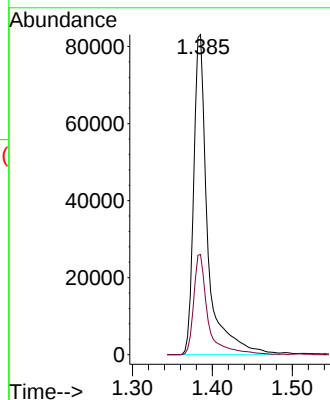
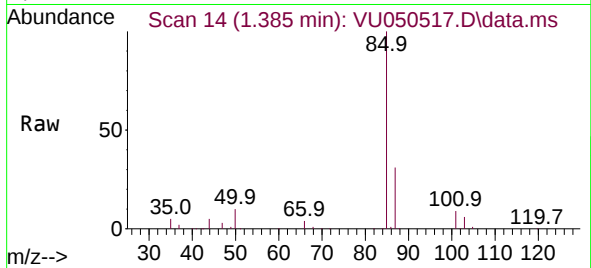




#2
Dichlorodifluoromethane
Concen: 36.674 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050517.D
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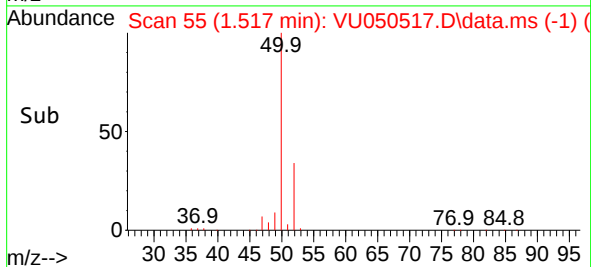
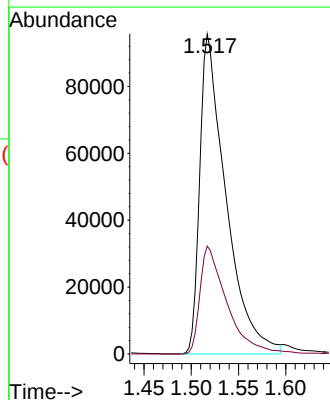
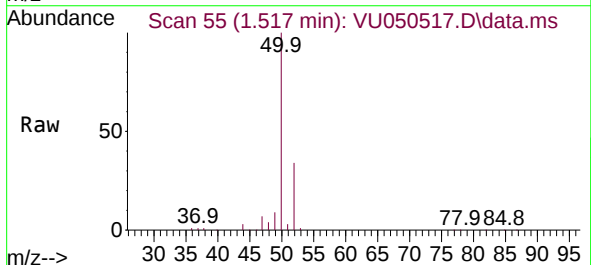
Instrument :
MSVOA_U
ClientSampleId :
VSTD050015

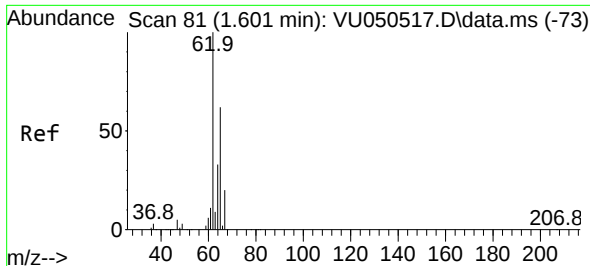
Tgt Ion: 85 Resp: 102019
Ion Ratio Lower Upper
85 100
87 31.9 25.5 38.3



#3
Chloromethane
Concen: 52.440 ug/L
RT: 1.517 min Scan# 55
Delta R.T. 0.000 min
Lab File: VU050517.D
Acq: 30 Aug 2022 15:12

Tgt Ion: 50 Resp: 184414
Ion Ratio Lower Upper
50 100
52 33.7 23.6 43.8

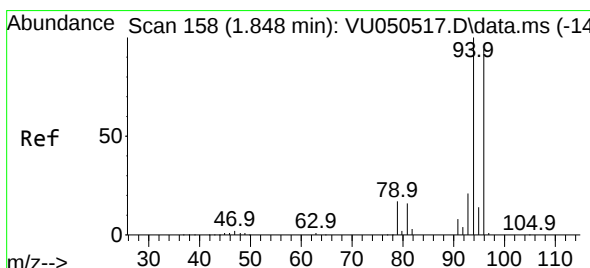
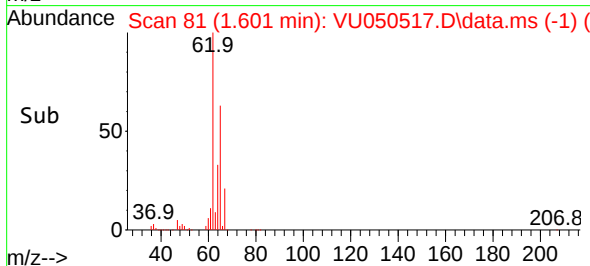
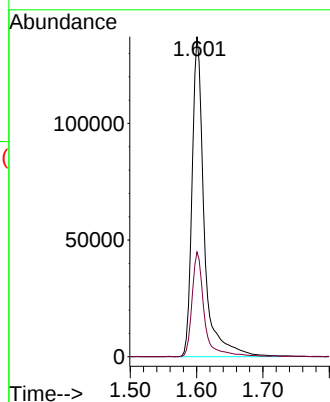
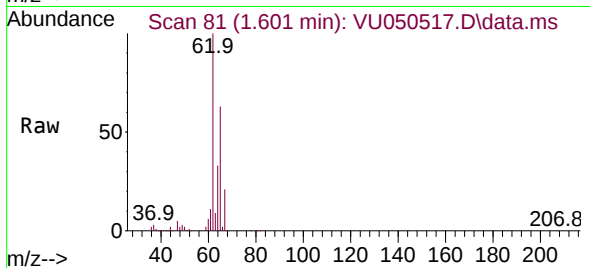




#5
 Vinyl chloride
 Concen: 51.560 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU050517.D
 Acq: 30 Aug 2022 15:12

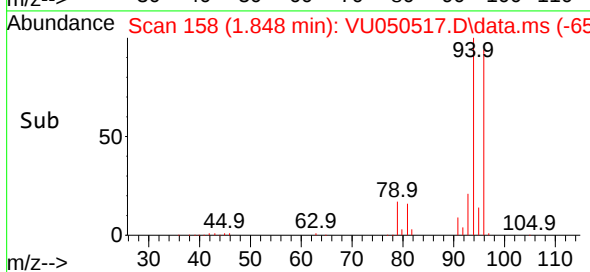
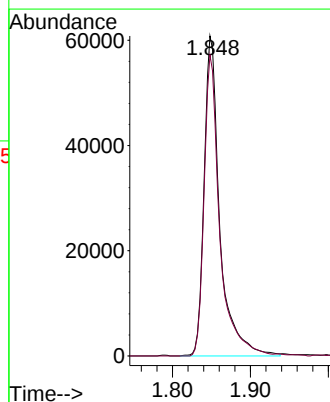
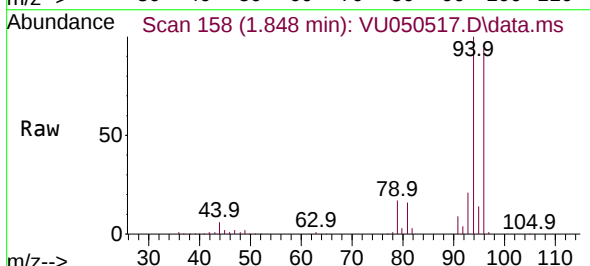
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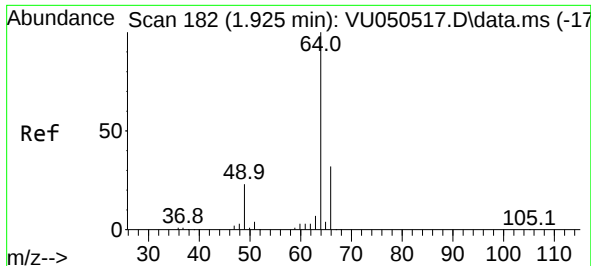
Tgt Ion: 62 Resp: 175072
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.9 42.5



#6
 Bromomethane
 Concen: 64.097 ug/L
 RT: 1.848 min Scan# 158
 Delta R.T. 0.000 min
 Lab File: VU050517.D
 Acq: 30 Aug 2022 15:12

Tgt Ion: 94 Resp: 85315
 Ion Ratio Lower Upper
 94 100
 96 94.1 65.9 122.3

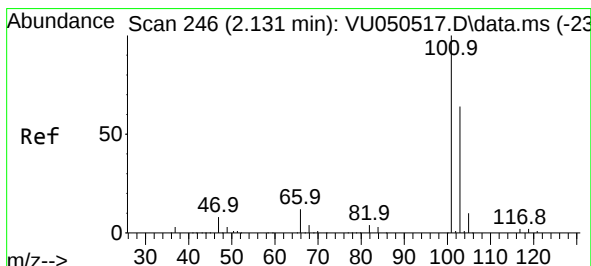
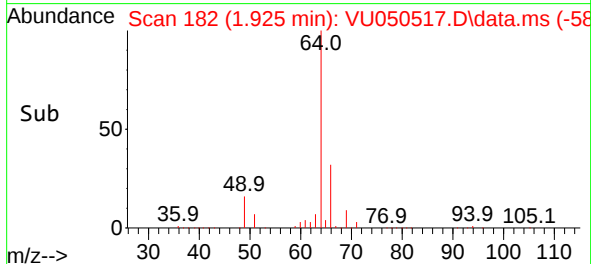
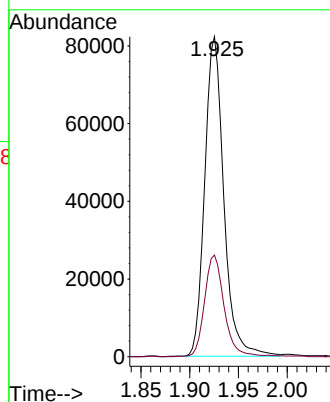
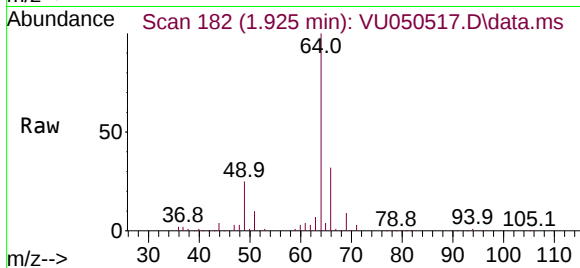




#8
Chloroethane
Concen: 54.026 ug/L
RT: 1.925 min Scan# 182
Delta R.T. 0.000 min
Lab File: VU050517.D
Acq: 30 Aug 2022 15:12

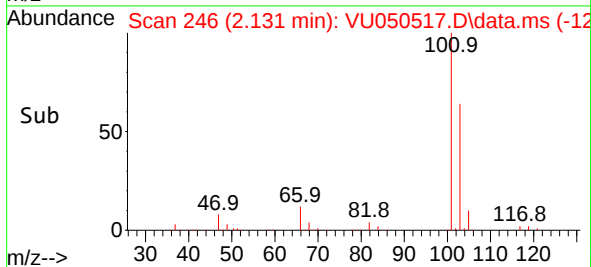
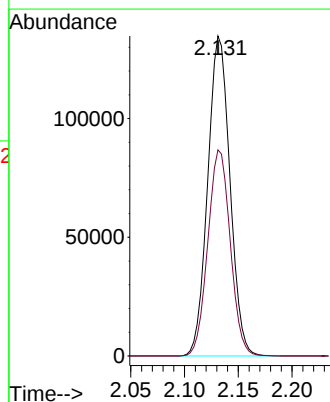
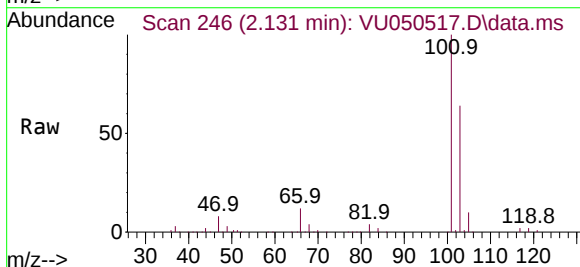
Instrument :
MSVOA_U
ClientSampleId :
VSTD050015

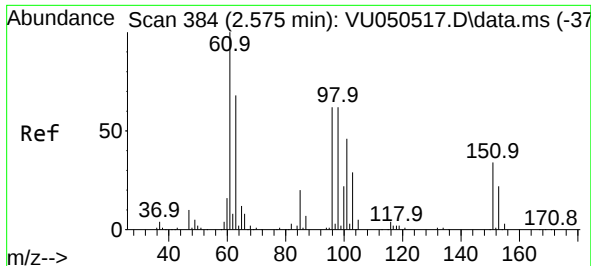
Tgt Ion: 64 Resp: 111914
Ion Ratio Lower Upper
64 100
66 31.7 22.2 41.2



#9
Trichlorofluoromethane
Concen: 46.023 ug/L
RT: 2.131 min Scan# 246
Delta R.T. 0.000 min
Lab File: VU050517.D
Acq: 30 Aug 2022 15:12

Tgt Ion:101 Resp: 193473
Ion Ratio Lower Upper
101 100
103 65.0 52.0 78.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 42.848 ug/L

RT: 2.575 min Scan# 384

Delta R.T. 0.000 min

Lab File: VU050517.D

Acq: 30 Aug 2022 15:12

Instrument :

MSVOA_U

ClientSampleId :

VSTD050015

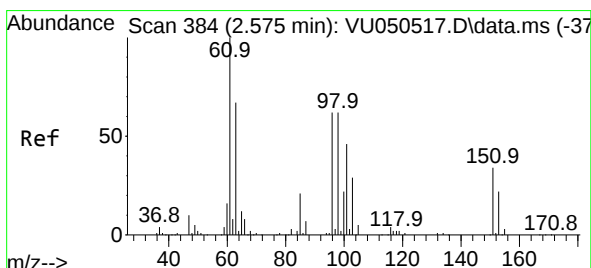
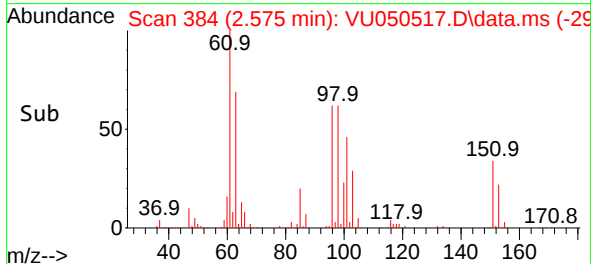
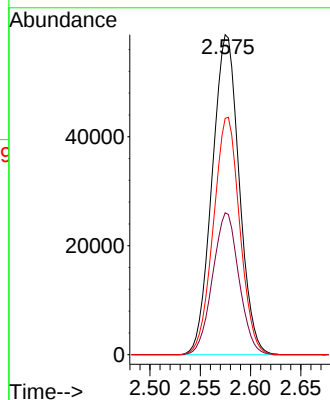
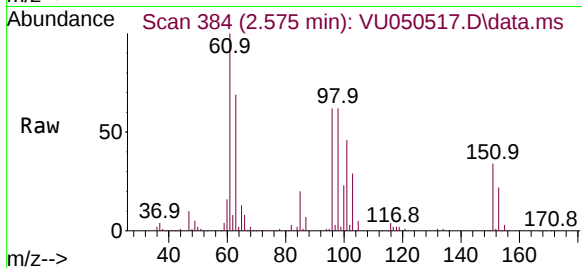
Tgt Ion:101 Resp: 109599

Ion Ratio Lower Upper

101 100

85 43.3 34.6 52.0

151 72.7 58.2 87.2



#12

1,1-Dichloroethene

Concen: 53.007 ug/L

RT: 2.575 min Scan# 384

Delta R.T. 0.000 min

Lab File: VU050517.D

Acq: 30 Aug 2022 15:12

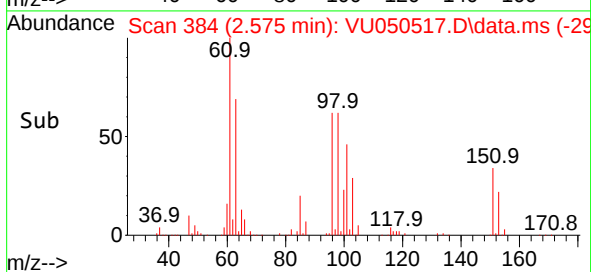
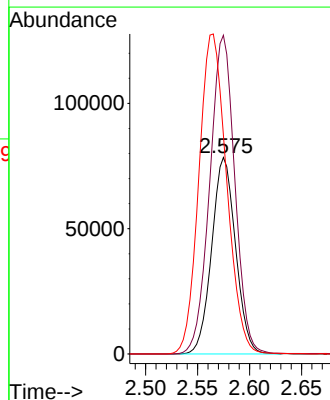
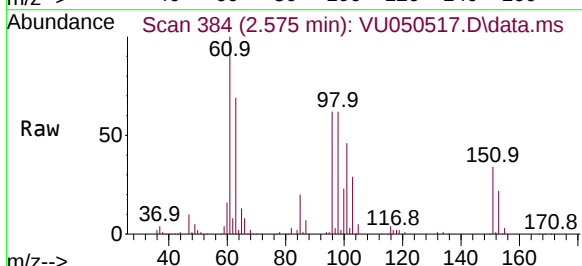
Tgt Ion: 96 Resp: 125160

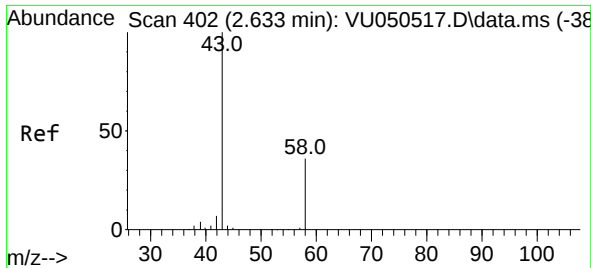
Ion Ratio Lower Upper

96 100

61 162.2 113.5 210.9

63 111.5 78.0 144.9





#13

Acetone

Concen: 95.596 ug/L

RT: 2.633 min Scan# 402

Delta R.T. 0.000 min

Lab File: VU050517.D

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MSVOA_U

ClientSampleId :

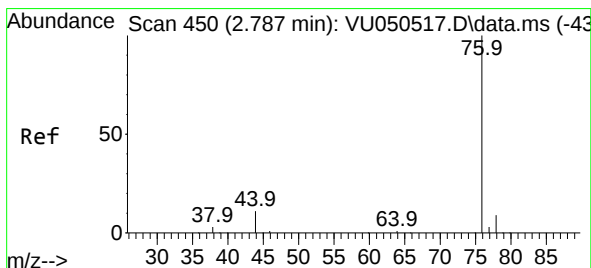
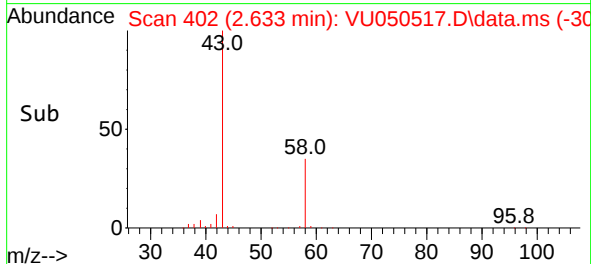
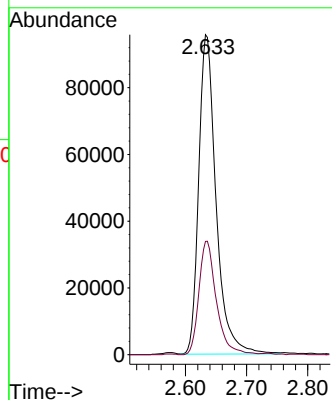
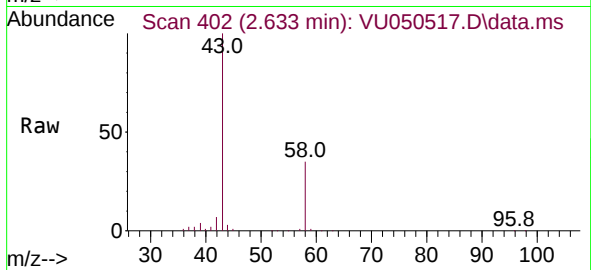
VSTD050015

Tgt Ion: 43 Resp: 188728

Ion Ratio Lower Upper

43 100

58 35.8 0.0 71.6



#14

Carbon disulfide

Concen: 49.871 ug/L

RT: 2.787 min Scan# 450

Delta R.T. 0.000 min

Lab File: VU050517.D

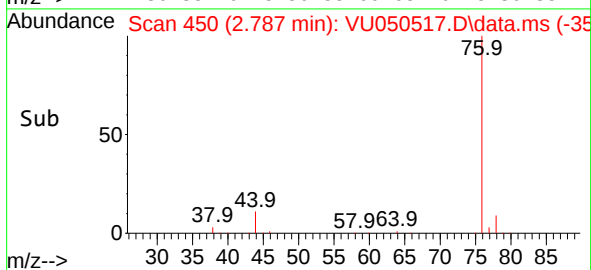
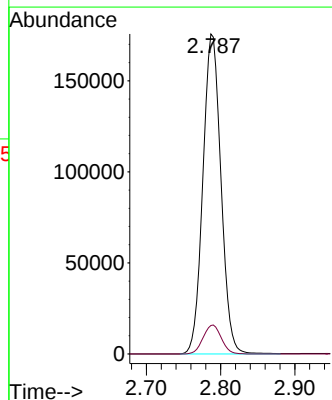
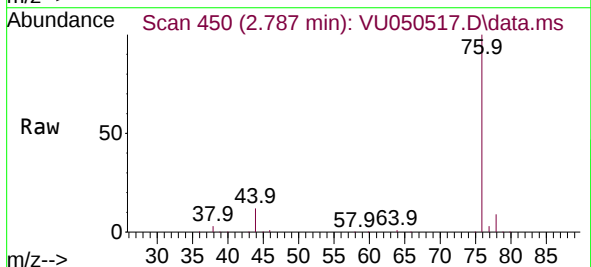
Acq: 30 Aug 2022 15:12

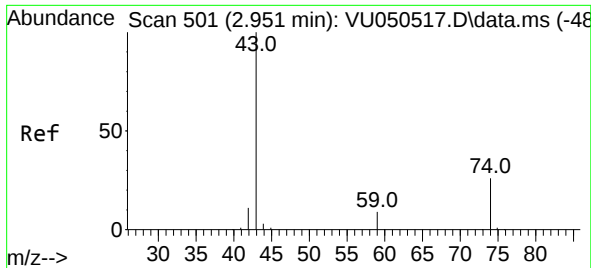
Tgt Ion: 76 Resp: 296621

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7

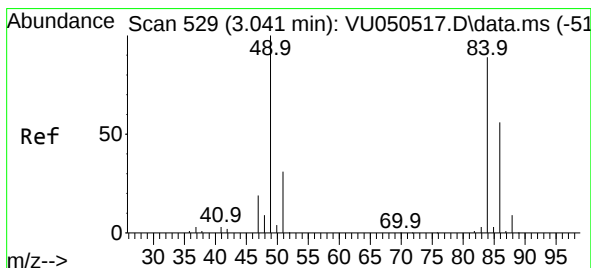
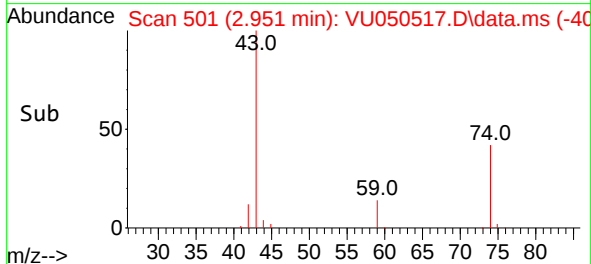
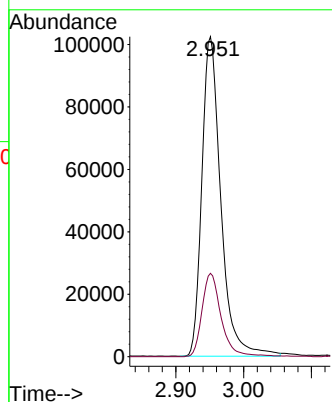
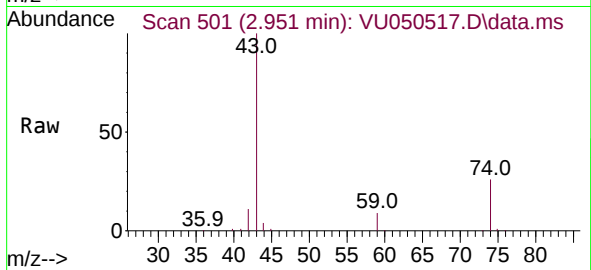




#15
Methyl Acetate
Concen: 55.337 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.000 min
Lab File: VU050517.D
Acq: 30 Aug 2022 15:12

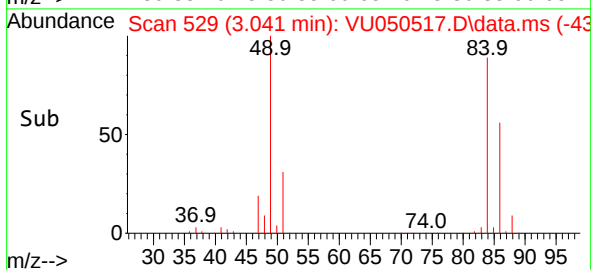
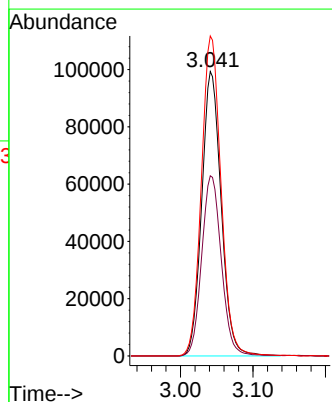
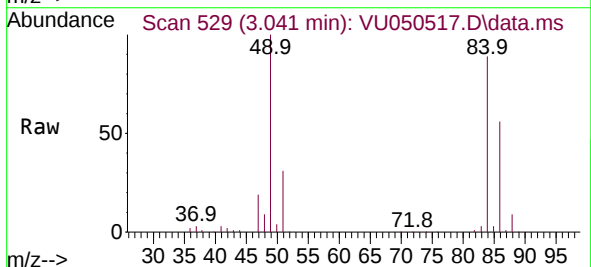
Instrument :
MSVOA_U
ClientSampleId :
VSTD050015

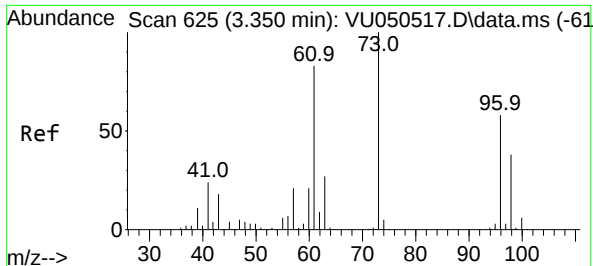
Tgt Ion: 43 Resp: 199118
Ion Ratio Lower Upper
43 100
74 26.3 21.0 31.6



#16
Methylene chloride
Concen: 55.030 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU050517.D
Acq: 30 Aug 2022 15:12

Tgt Ion: 84 Resp: 185038
Ion Ratio Lower Upper
84 100
86 63.3 44.3 82.3
49 112.5 78.8 146.3





#17

trans-1,2-Dichloroethene

Concen: 53.882 ug/L

RT: 3.350 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU050517.D

Acq: 30 Aug 2022 15:12

Instrument :

MSVOA_U

ClientSampleId :

VSTD050015

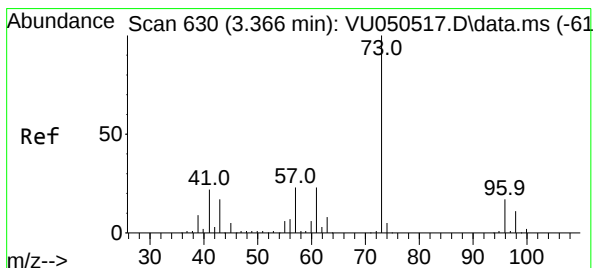
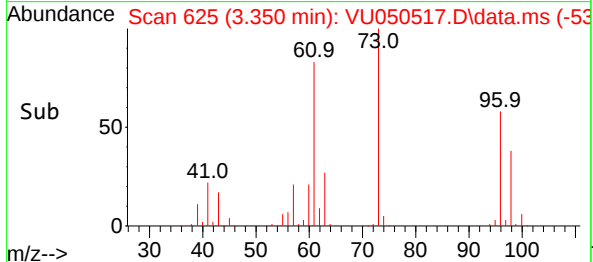
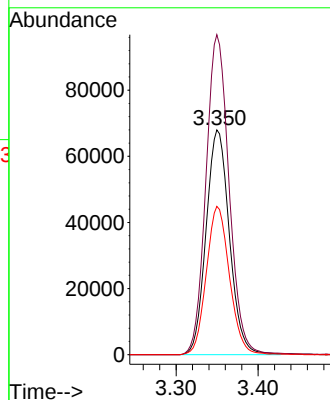
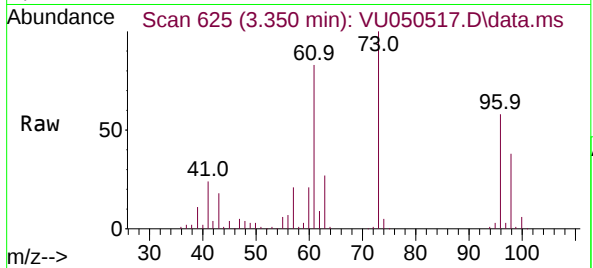
Tgt Ion: 96 Resp: 134497

Ion Ratio Lower Upper

96 100

61 142.4 99.7 185.1

98 66.0 46.2 85.8



#18

Methyl tert-butyl Ether

Concen: 57.935 ug/L

RT: 3.366 min Scan# 630

Delta R.T. 0.000 min

Lab File: VU050517.D

Acq: 30 Aug 2022 15:12

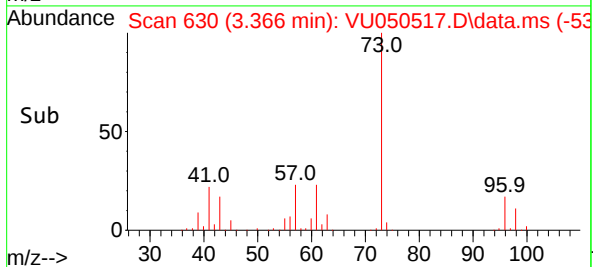
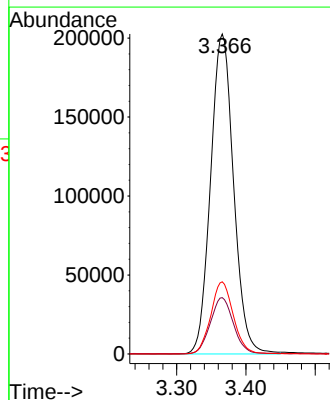
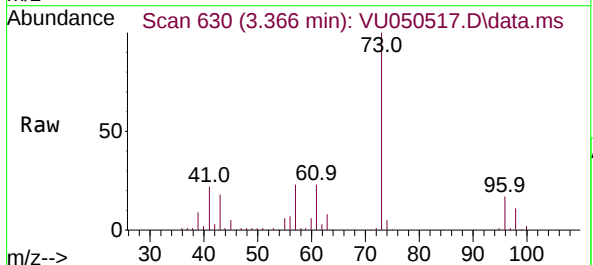
Tgt Ion: 73 Resp: 467140

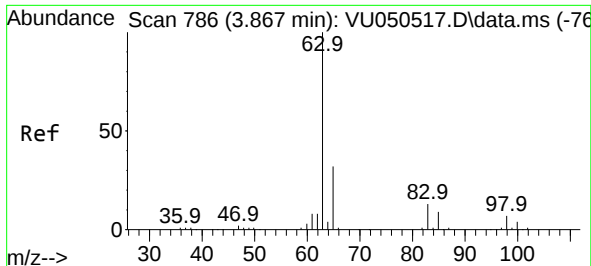
Ion Ratio Lower Upper

73 100

43 17.4 13.9 20.9

57 22.2 17.8 26.6





#19

1,1-Dichloroethane

Concen: 52.107 ug/L

RT: 3.867 min Scan# 786

Delta R.T. 0.000 min

Lab File: VU050517.D

Acq: 30 Aug 2022 15:12

Instrument :

MSVOA_U

ClientSampleId :

VSTD050015

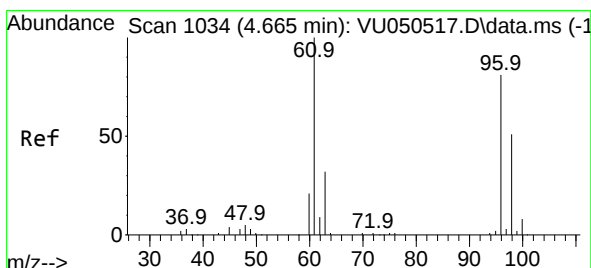
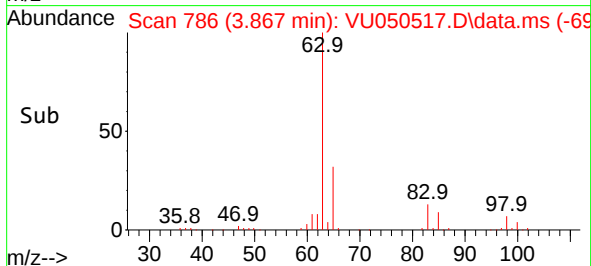
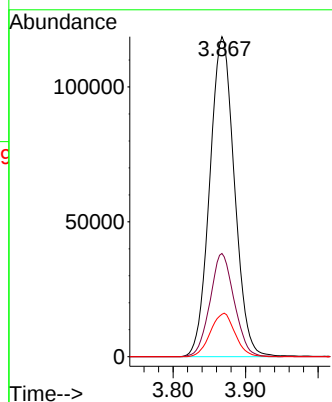
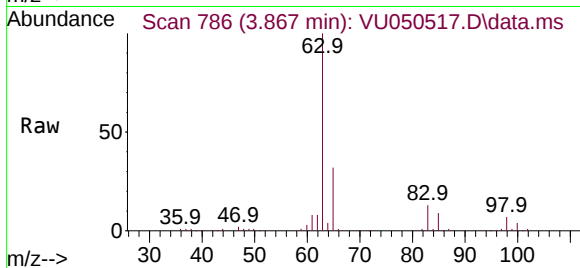
Tgt Ion: 63 Resp: 280165

Ion Ratio Lower Upper

63 100

65 32.2 22.5 41.9

83 13.3 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 55.260 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU050517.D

Acq: 30 Aug 2022 15:12

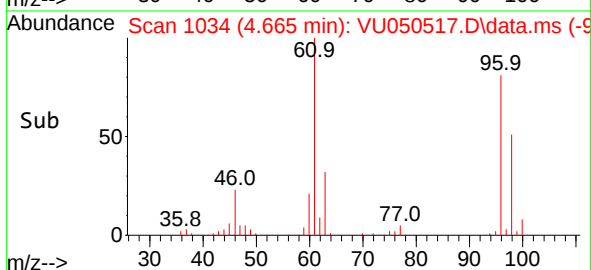
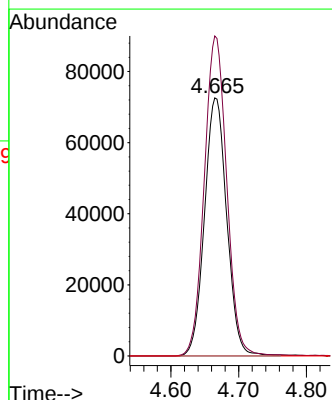
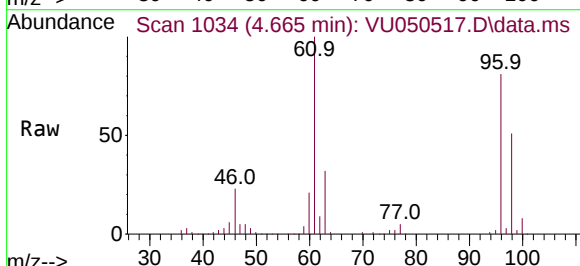
Tgt Ion: 96 Resp: 165484

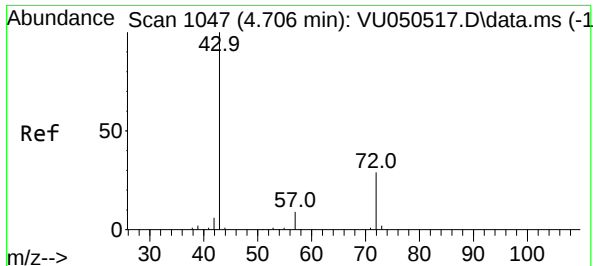
Ion Ratio Lower Upper

96 100

61 124.0 86.8 161.2

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 112.243 ug/L

RT: 4.706 min Scan# 1047

Delta R.T. 0.000 min

Lab File: VU050517.D

Acq: 30 Aug 2022 15:12

Instrument :

MSVOA_U

ClientSampleId :

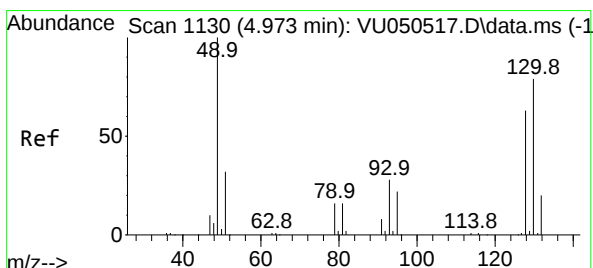
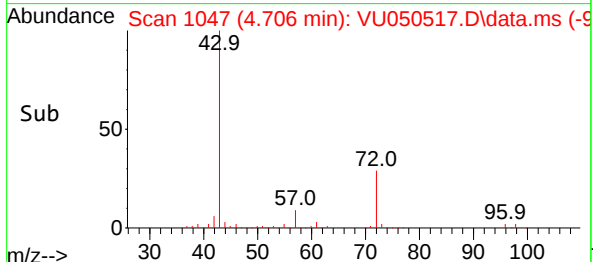
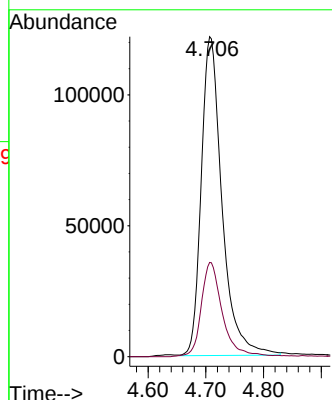
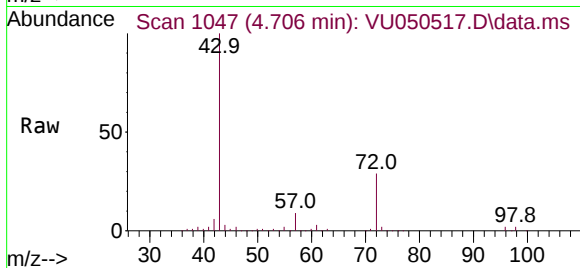
VSTD050015

Tgt Ion: 43 Resp: 304456

Ion Ratio Lower Upper

43 100

72 29.5 14.8 44.3



#23

Bromochloromethane

Concen: 54.571 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VU050517.D

Acq: 30 Aug 2022 15:12

Tgt Ion: 128 Resp: 89285

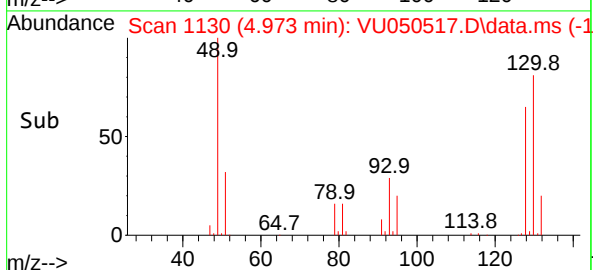
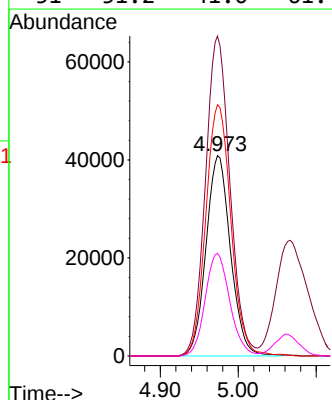
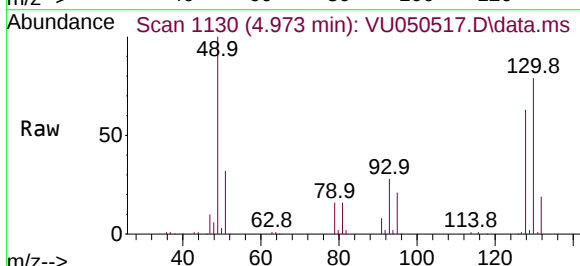
Ion Ratio Lower Upper

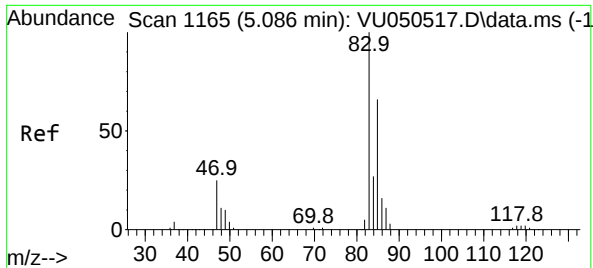
128 100

49 159.8 111.9 207.7

130 125.4 87.8 163.0

51 51.2 41.0 61.4





#25

Chloroform

Concen: 50.765 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU050517.D

Acq: 30 Aug 2022 15:12

Instrument :

MSVOA_U

ClientSampleId :

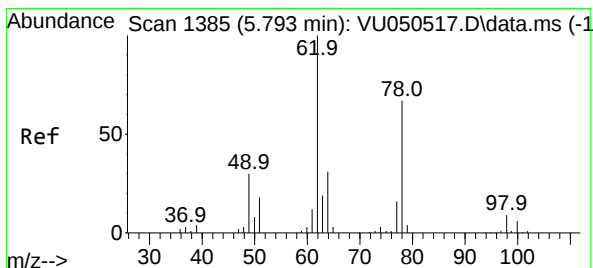
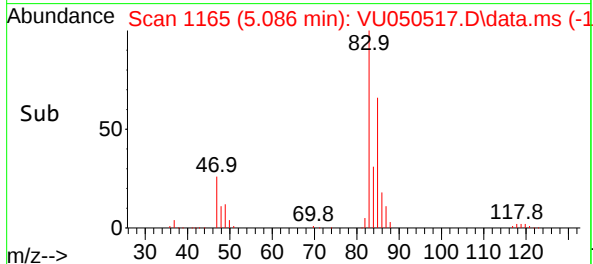
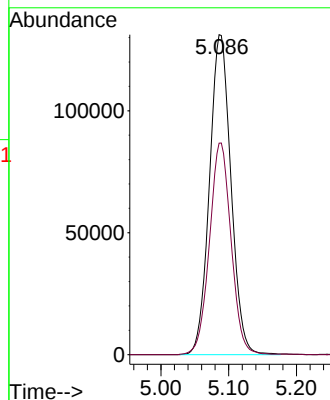
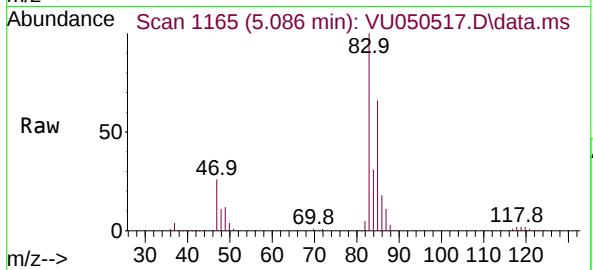
VSTD050015

Tgt Ion: 83 Resp: 288729

Ion Ratio Lower Upper

83 100

85 66.1 46.3 85.9



#27

1,2-Dichloroethane

Concen: 53.708 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU050517.D

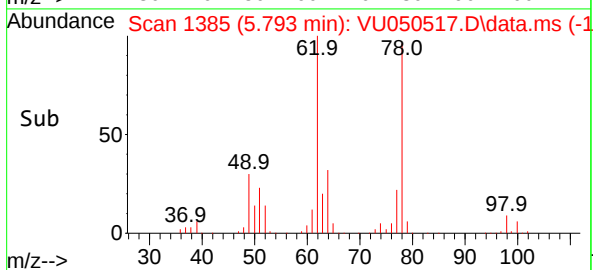
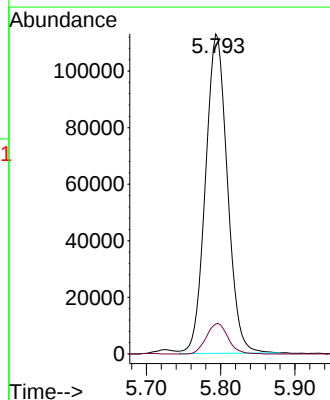
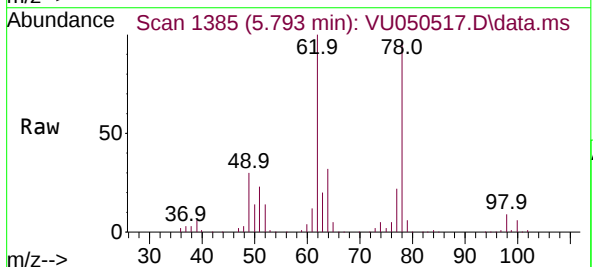
Acq: 30 Aug 2022 15:12

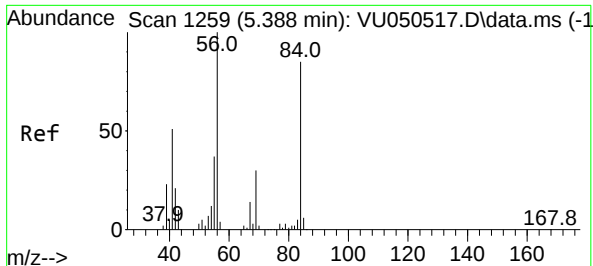
Tgt Ion: 62 Resp: 231307

Ion Ratio Lower Upper

62 100

98 9.4 7.5 11.3





#29

Cyclohexane

Concen: 55.552 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VU050517.D

Acq: 30 Aug 2022 15:12

Instrument :

MSVOA_U

ClientSampleId :

VSTD050015

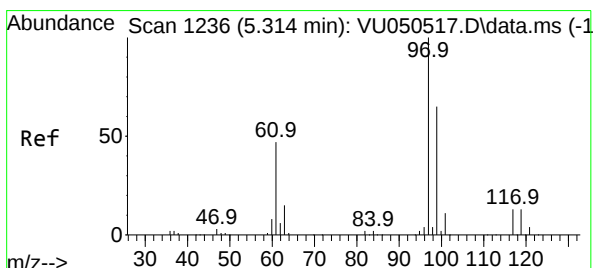
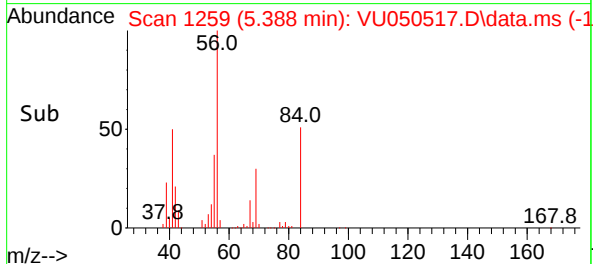
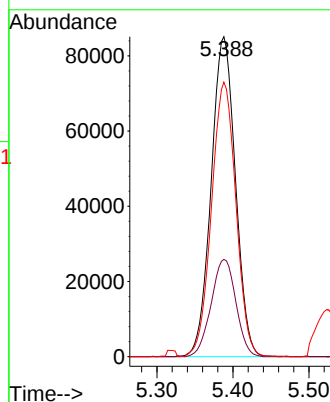
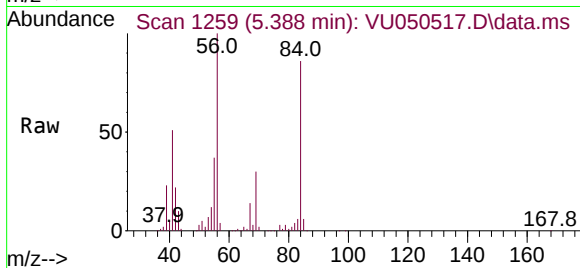
Tgt Ion: 56 Resp: 188523

Ion Ratio Lower Upper

56 100

69 31.0 24.8 37.2

84 86.1 68.9 103.3



#30

1,1,1-Trichloroethane

Concen: 51.421 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU050517.D

Acq: 30 Aug 2022 15:12

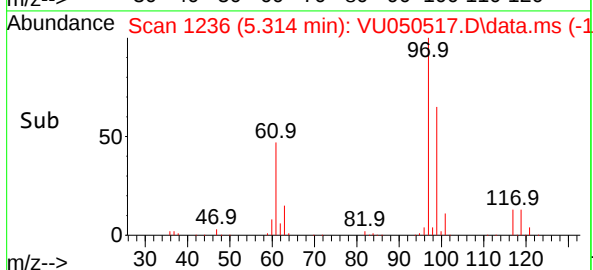
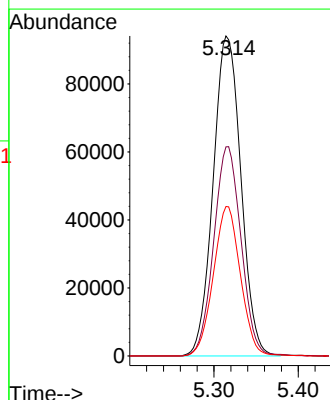
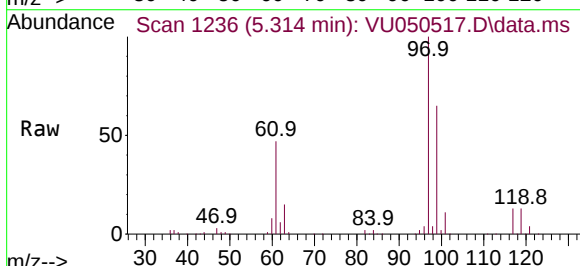
Tgt Ion: 97 Resp: 215462

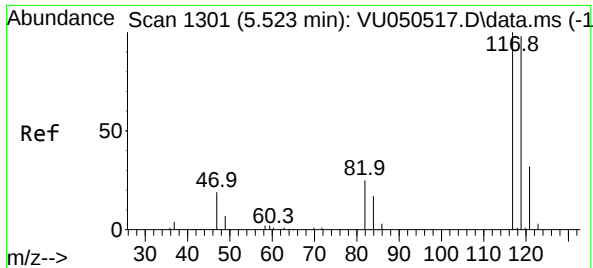
Ion Ratio Lower Upper

97 100

99 64.4 51.5 77.3

61 45.5 36.4 54.6

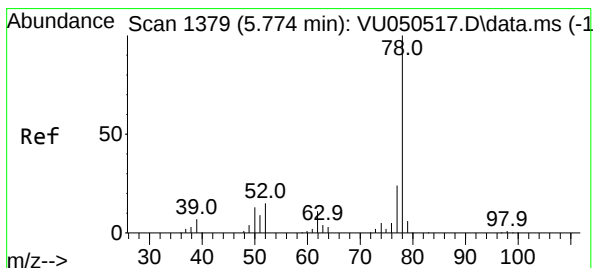
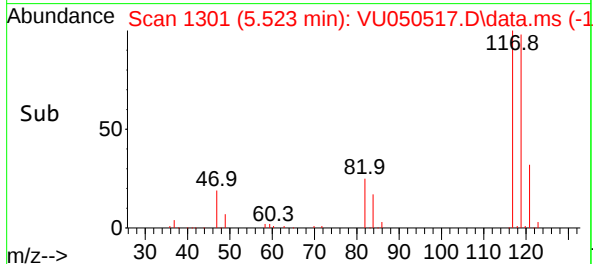
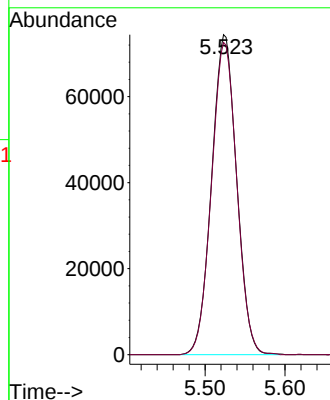
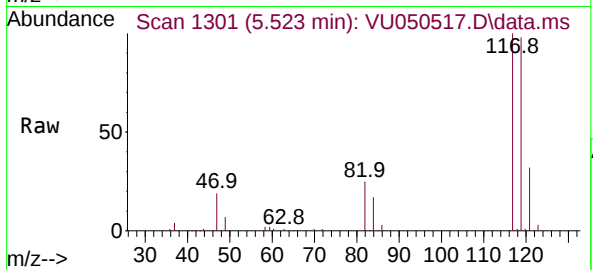




#31
Carbon tetrachloride
Concen: 47.812 ug/L
RT: 5.523 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VU050517.D
Acq: 30 Aug 2022 15:12

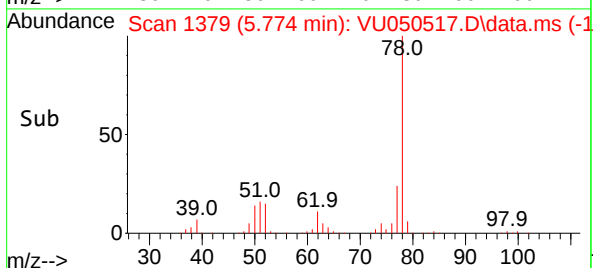
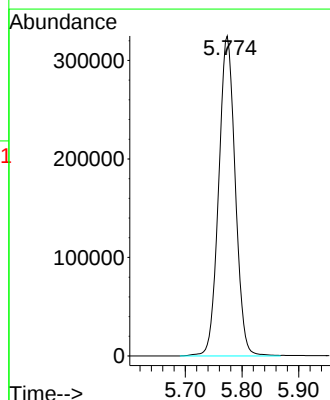
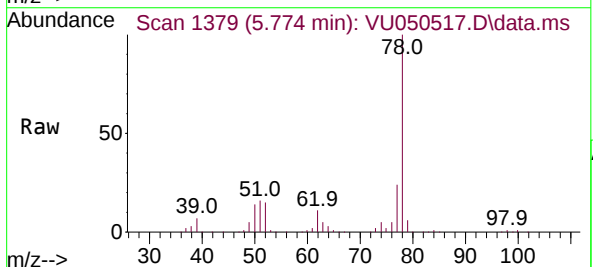
Instrument :
MSVOA_U
ClientSampleId :
VSTD050015

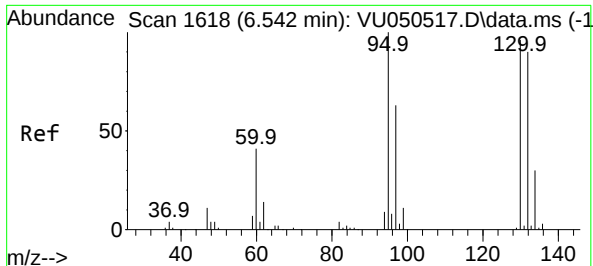
Tgt Ion:117 Resp: 161537
Ion Ratio Lower Upper
117 100
119 98.5 78.8 118.2



#33
Benzene
Concen: 58.121 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU050517.D
Acq: 30 Aug 2022 15:12

Tgt Ion: 78 Resp: 659303

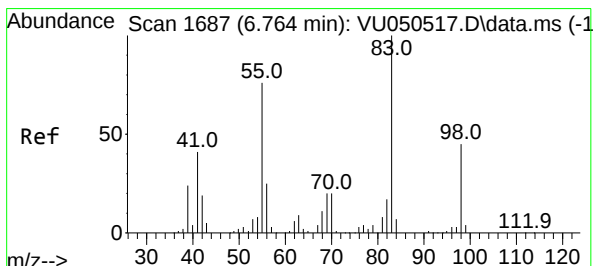
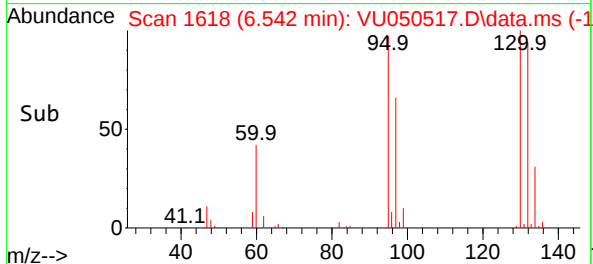
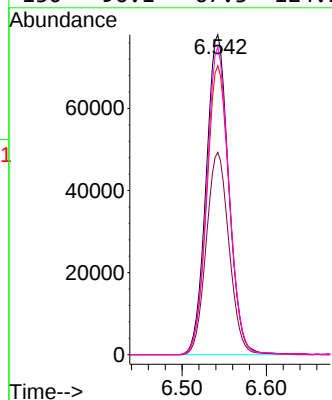
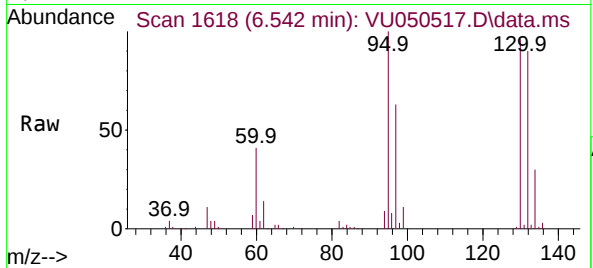




#34
Trichloroethene
Concen: 54.616 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU050517.D
Acq: 30 Aug 2022 15:12

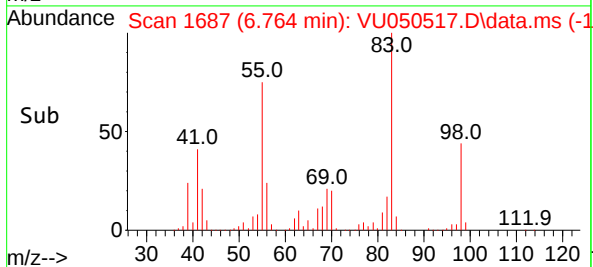
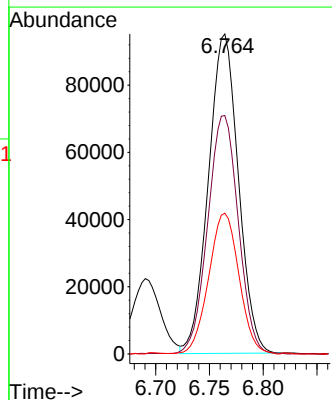
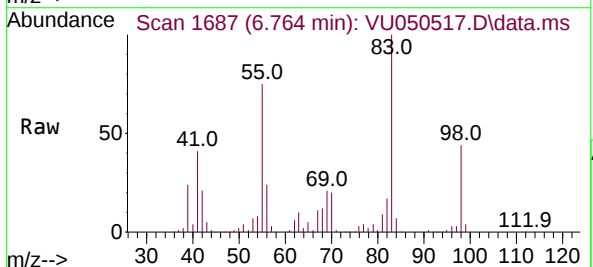
Instrument :
MSVOA_U
ClientSampleId :
VSTD050015

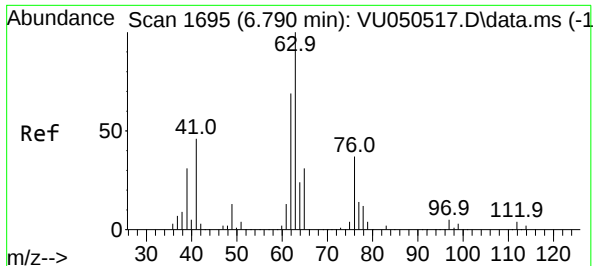
Tgt Ion: 95 Resp: 145281
Ion Ratio Lower Upper
95 100
97 63.2 44.2 82.2
132 90.3 63.2 117.4
130 96.1 67.3 124.9



#35
Methylcyclohexane
Concen: 50.735 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU050517.D
Acq: 30 Aug 2022 15:12

Tgt Ion: 83 Resp: 184470
Ion Ratio Lower Upper
83 100
55 76.2 61.0 91.4
98 44.6 35.7 53.5





#37

1,2-Dichloropropane

Concen: 54.348 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU050517.D

Acq: 30 Aug 2022 15:12

Instrument :

MSVOA_U

ClientSampleId :

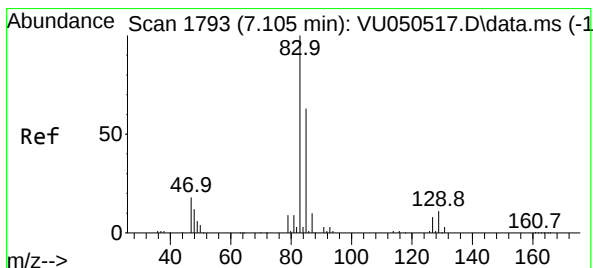
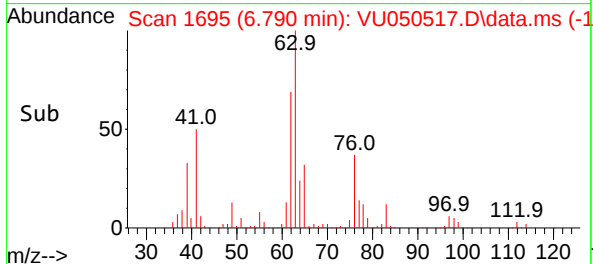
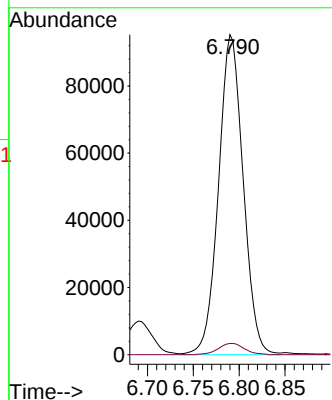
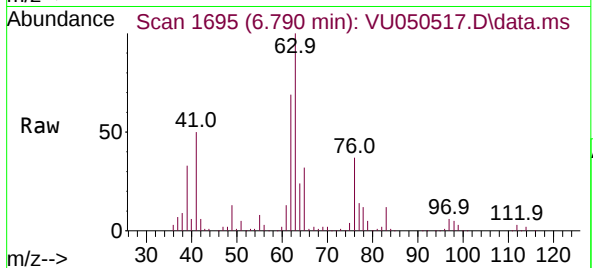
VSTD050015

Tgt Ion: 63 Resp: 178005

Ion Ratio Lower Upper

63 100

112 3.7 3.0 4.4



#38

Bromodichloromethane

Concen: 49.538 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU050517.D

Acq: 30 Aug 2022 15:12

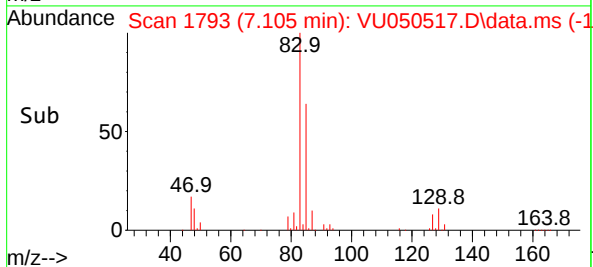
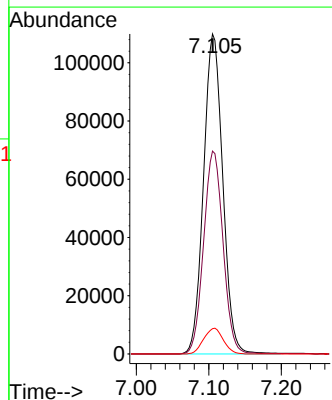
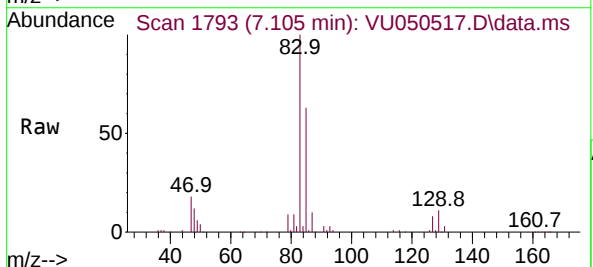
Tgt Ion: 83 Resp: 202527

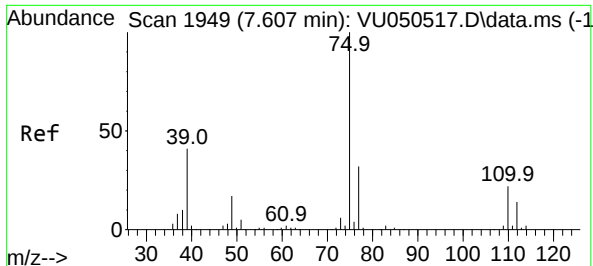
Ion Ratio Lower Upper

83 100

85 63.4 44.4 82.4

127 7.9 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 55.083 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU050517.D

Acq: 30 Aug 2022 15:12

Instrument :

MSVOA_U

ClientSampleId :

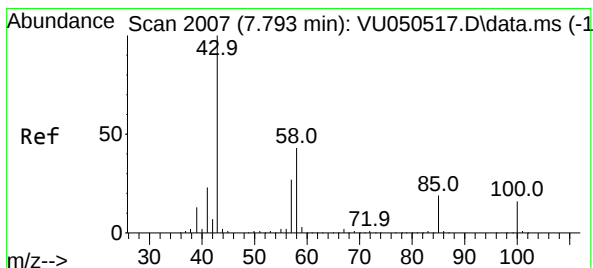
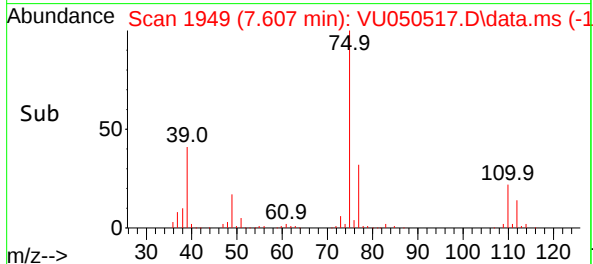
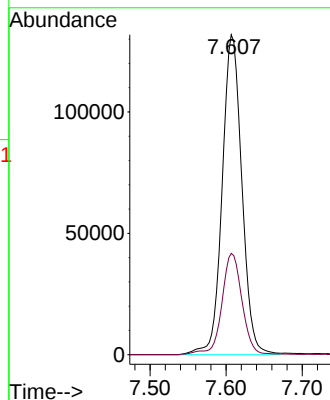
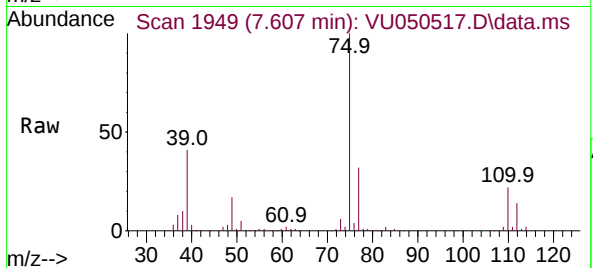
VSTD050015

Tgt Ion: 75 Resp: 236888

Ion Ratio Lower Upper

75 100

77 31.6 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 120.489 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU050517.D

Acq: 30 Aug 2022 15:12

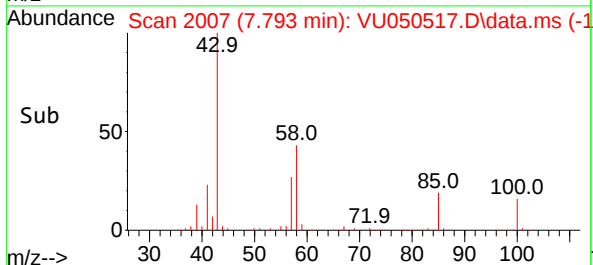
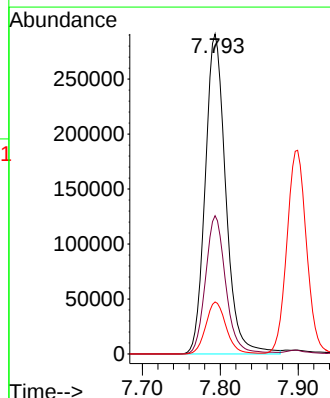
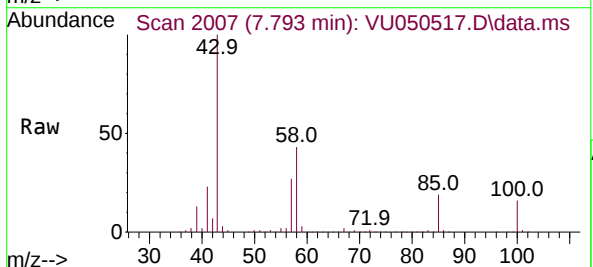
Tgt Ion: 43 Resp: 533863

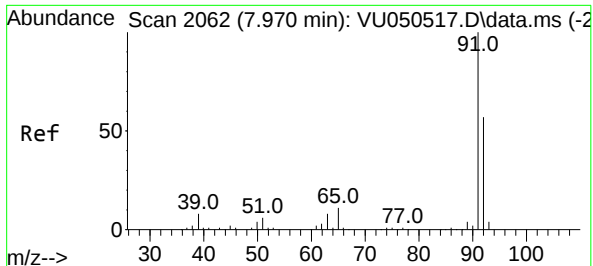
Ion Ratio Lower Upper

43 100

58 42.8 34.2 51.4

100 16.1 12.9 19.3





#42

Toluene

Concen: 58.348 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU050517.D

Acq: 30 Aug 2022 15:12

Instrument :

MSVOA_U

ClientSampleId :

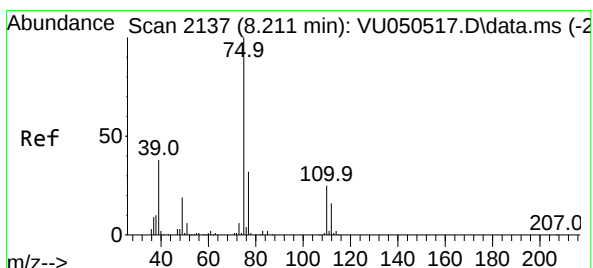
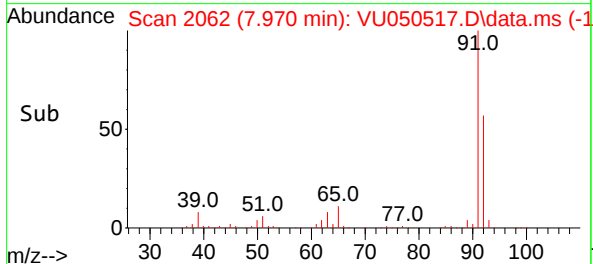
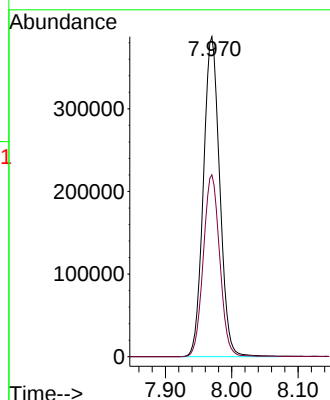
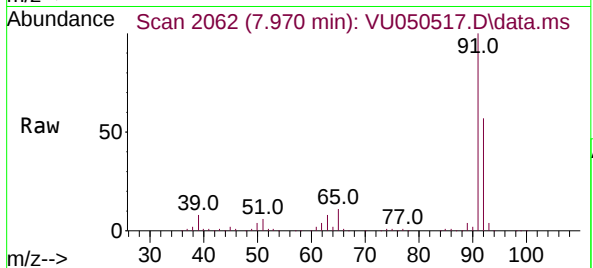
VSTD050015

Tgt Ion: 91 Resp: 663398

Ion Ratio Lower Upper

91 100

92 56.8 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 54.724 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU050517.D

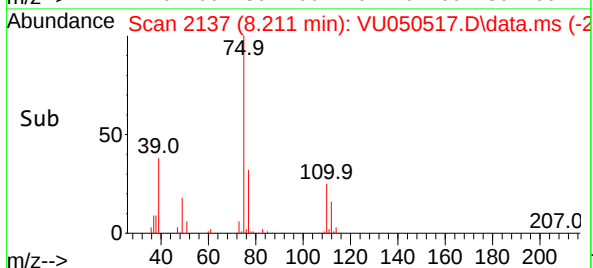
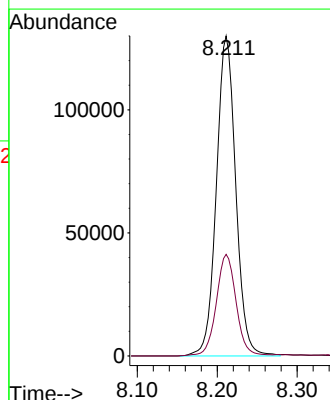
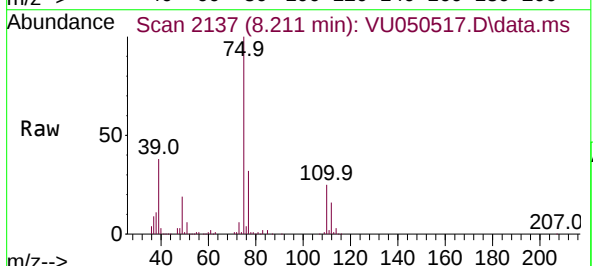
Acq: 30 Aug 2022 15:12

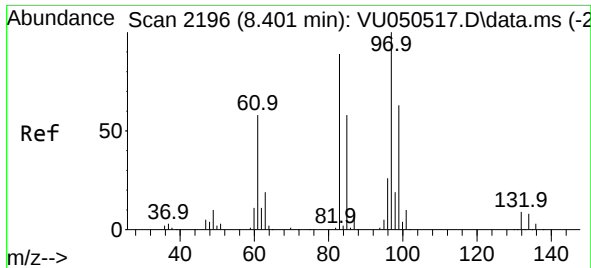
Tgt Ion: 75 Resp: 218384

Ion Ratio Lower Upper

75 100

77 31.7 22.2 41.2



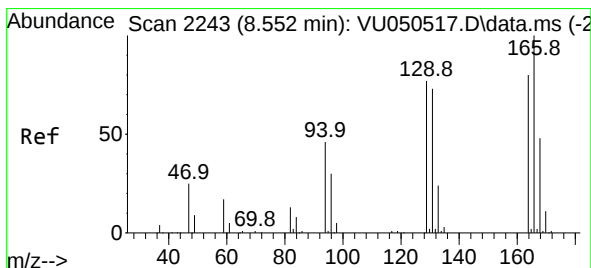
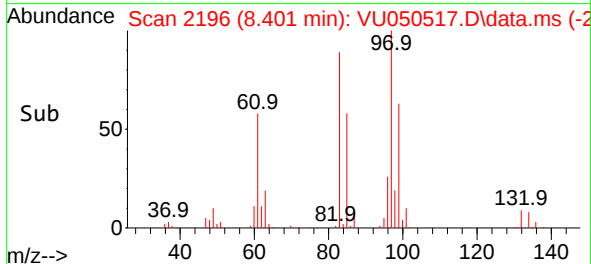
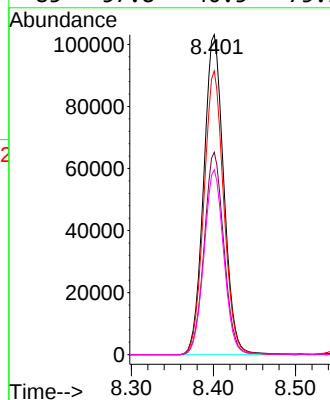
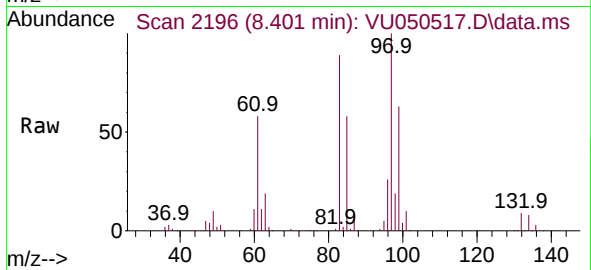


#45
1,1,2-Trichloroethane
Concen: 54.452 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU050517.D
Acq: 30 Aug 2022 15:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD050015

Tgt Ion: 97 Resp: 175186

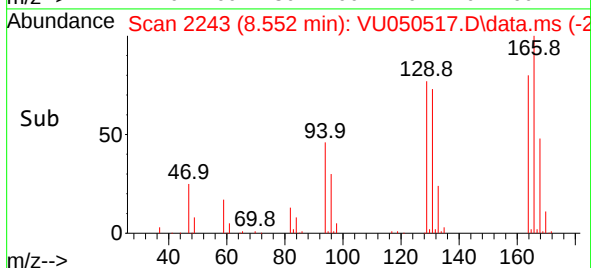
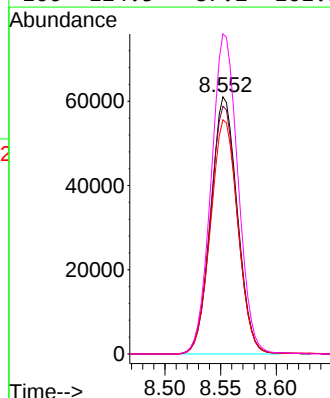
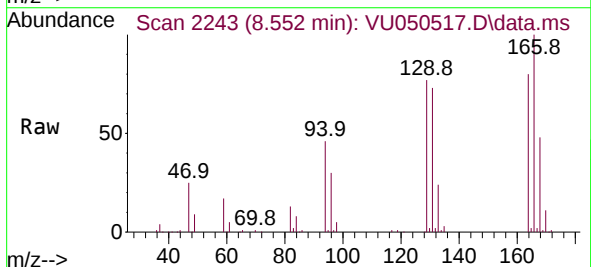
Ion	Ratio	Lower	Upper
97	100		
99	63.3	44.3	82.3
83	88.7	62.1	115.3
85	57.8	40.5	75.1

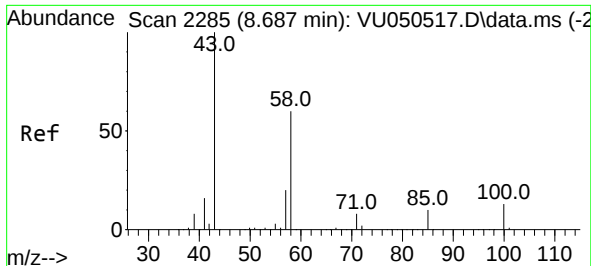


#46
Tetrachloroethene
Concen: 52.284 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU050517.D
Acq: 30 Aug 2022 15:12

Tgt Ion: 164 Resp: 101077

Ion	Ratio	Lower	Upper
164	100		
129	96.4	67.5	125.3
131	91.1	63.8	118.4
166	124.5	87.2	161.9



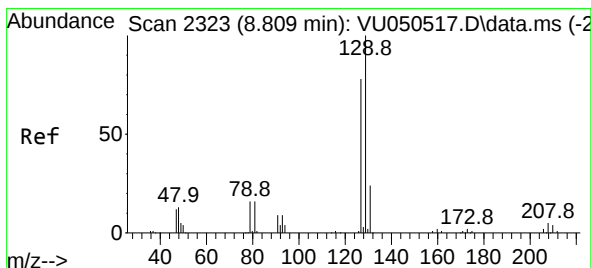
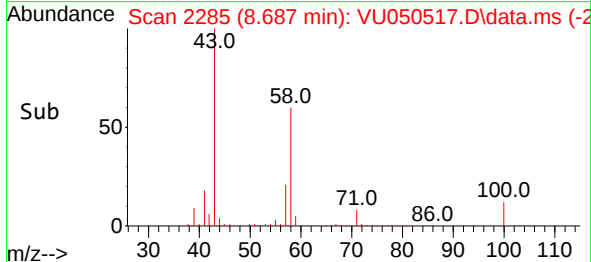
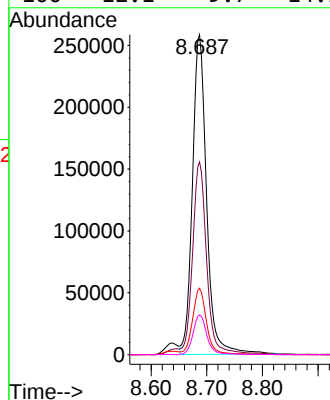
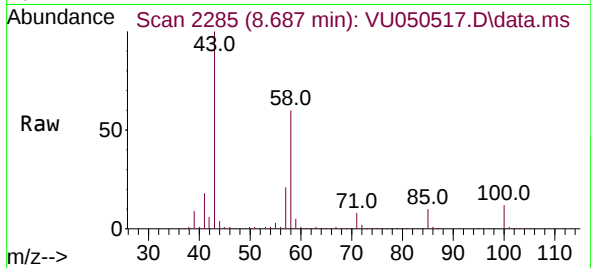


#48
2-Hexanone
Concen: 123.726 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VU050517.D
Acq: 30 Aug 2022 15:12

Instrument :
MSVOA_U
ClientSampleId :
VSTD050015

Tgt Ion: 43 Resp: 458182

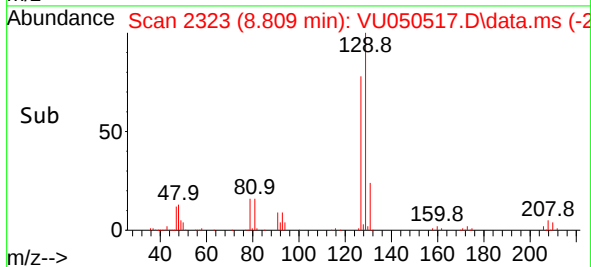
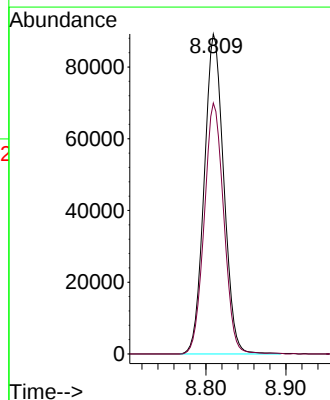
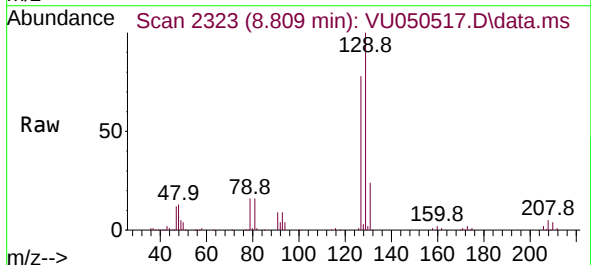
Ion	Ratio	Lower	Upper
43	100		
58	58.2	46.6	69.8
57	19.7	15.8	23.6
100	12.1	9.7	14.5

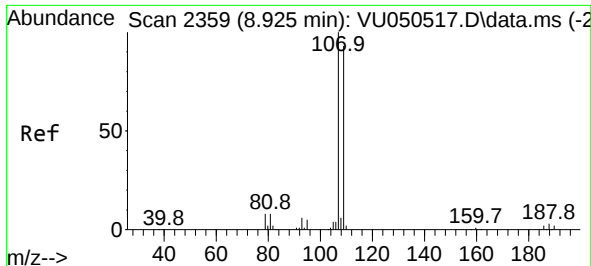


#49
Dibromochloromethane
Concen: 46.971 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU050517.D
Acq: 30 Aug 2022 15:12

Tgt Ion: 129 Resp: 151752

Ion	Ratio	Lower	Upper
129	100		
127	78.4	54.9	101.9

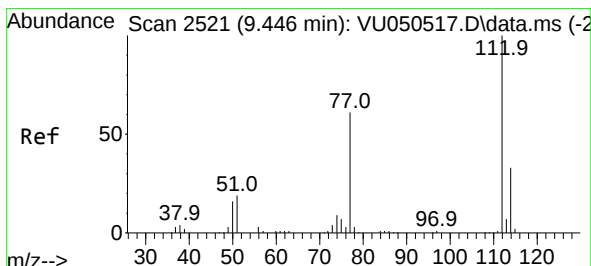
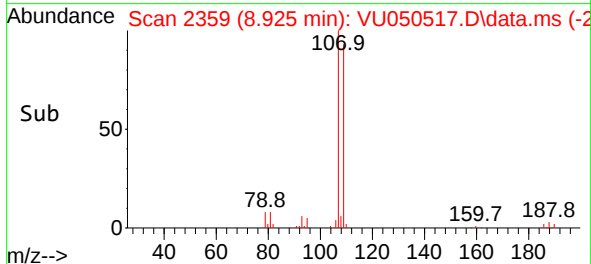
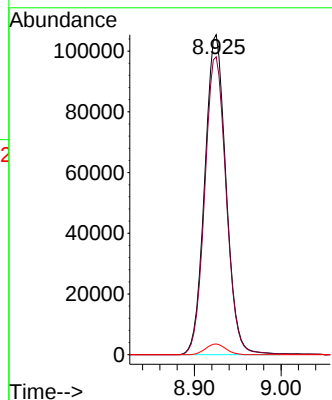
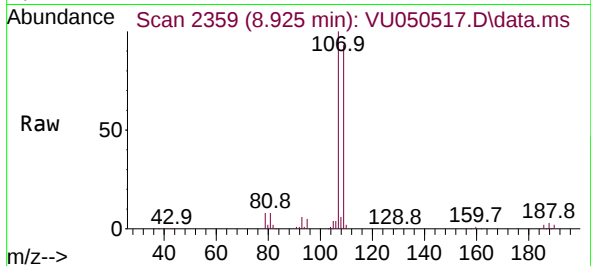




#50
1,2-Dibromoethane
Concen: 55.493 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050517.D
Acq: 30 Aug 2022 15:12

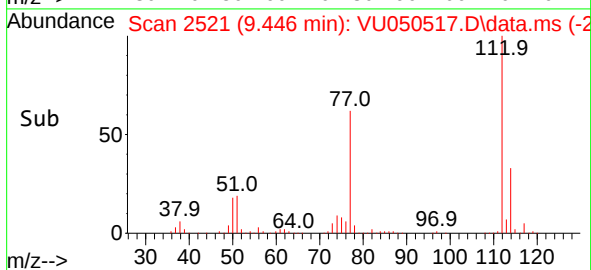
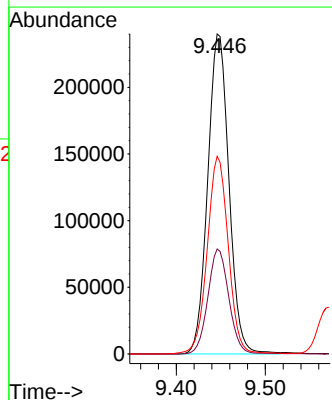
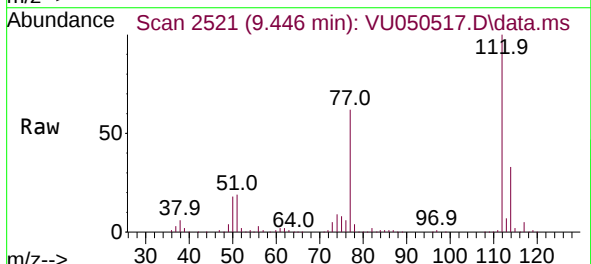
Instrument :
MSVOA_U
ClientSampleId :
VSTD050015

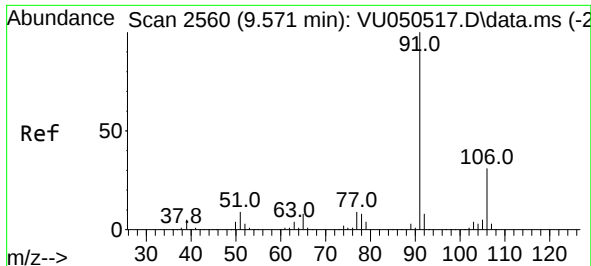
Tgt Ion:107 Resp: 179997
Ion Ratio Lower Upper
107 100
109 93.1 65.2 121.0
188 3.4 2.7 4.1



#51
Chlorobenzene
Concen: 53.516 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU050517.D
Acq: 30 Aug 2022 15:12

Tgt Ion:112 Resp: 397126
Ion Ratio Lower Upper
112 100
114 32.8 23.0 42.6
77 61.8 49.4 74.2

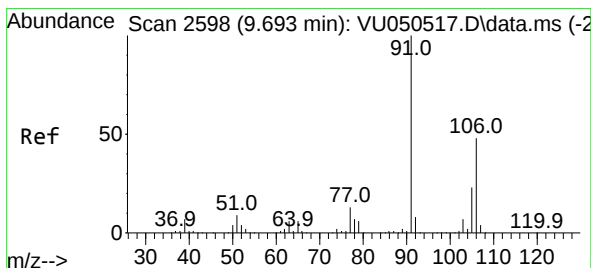
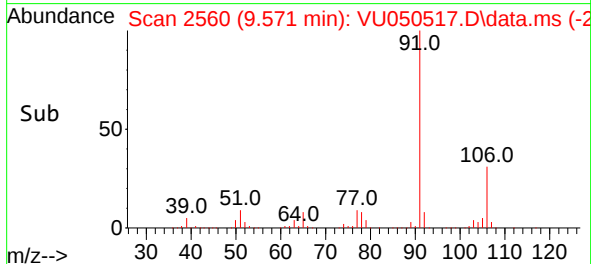
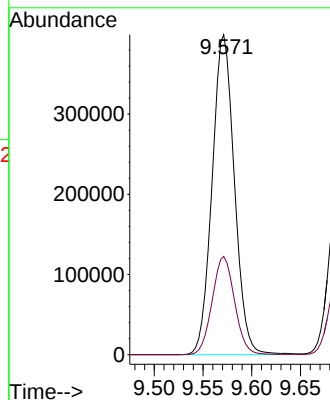
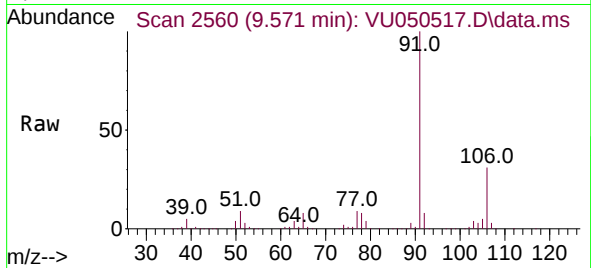




#52
Ethylbenzene
Concen: 55.612 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU050517.D
Acq: 30 Aug 2022 15:12

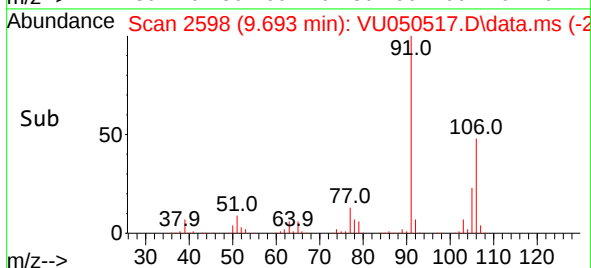
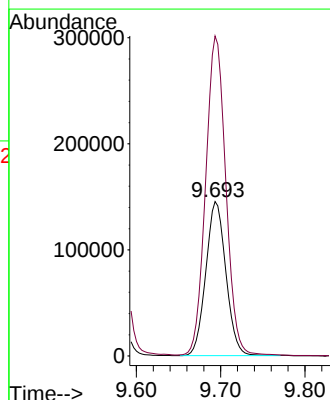
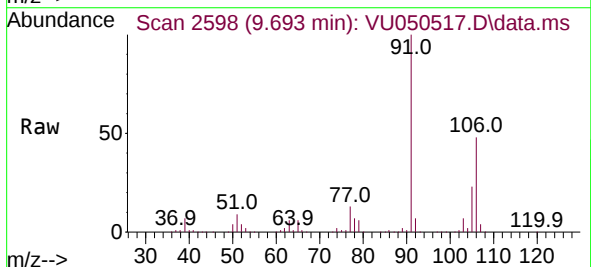
Instrument :
MSVOA_U
ClientSampleId :
VSTD050015

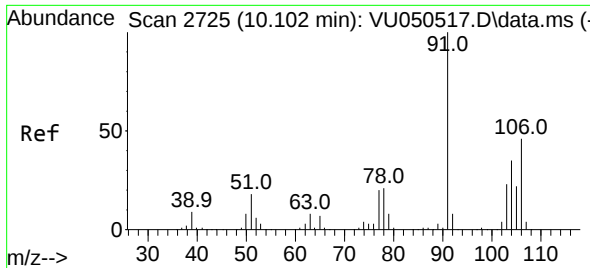
Tgt Ion: 91 Resp: 633467
Ion Ratio Lower Upper
91 100
106 30.7 21.5 39.9



#53
m,p-Xylene
Concen: 56.763 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU050517.D
Acq: 30 Aug 2022 15:12

Tgt Ion: 106 Resp: 241501
Ion Ratio Lower Upper
106 100
91 207.3 145.1 269.5

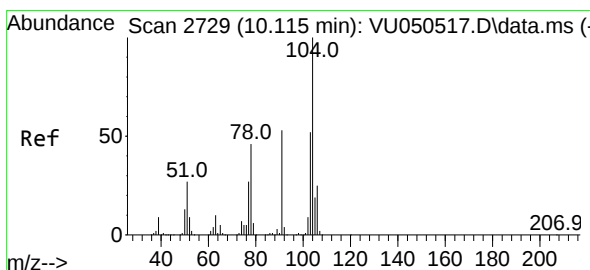
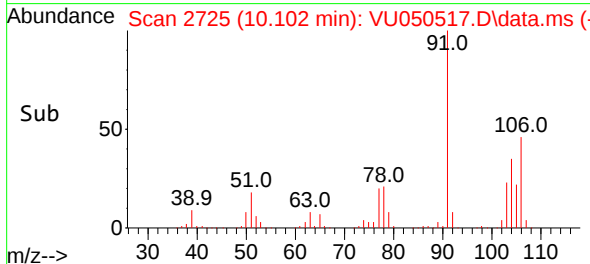
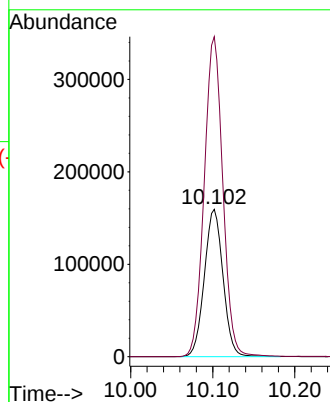
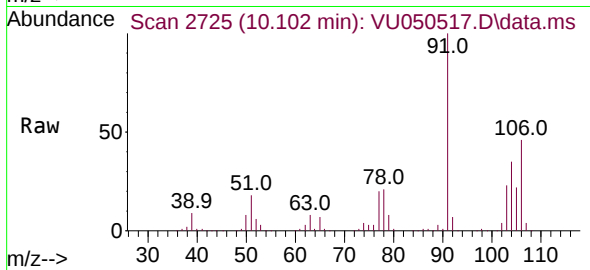




#54
o-Xylene
Concen: 59.128 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU050517.D
Acq: 30 Aug 2022 15:12

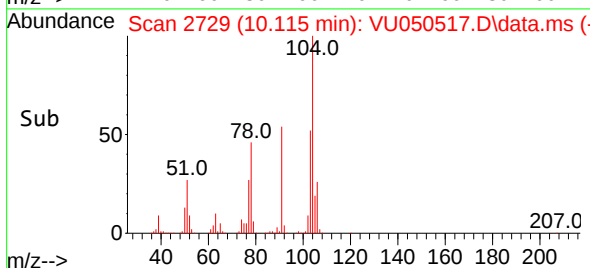
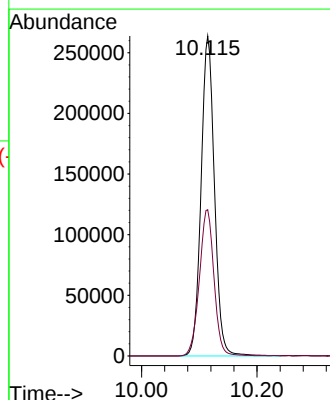
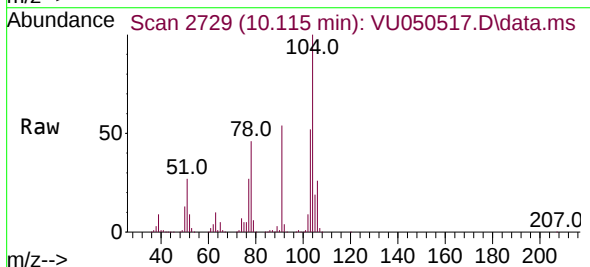
Instrument :
MSVOA_U
ClientSampleId :
VSTD050015

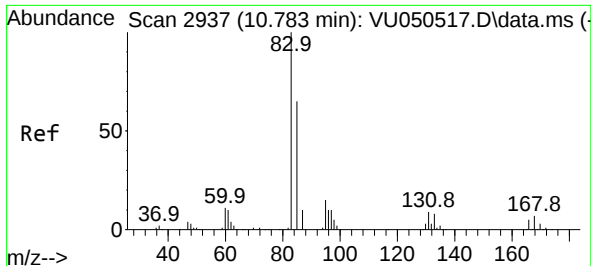
Tgt Ion:106 Resp: 252134
Ion Ratio Lower Upper
106 100
91 217.1 152.0 282.2



#55
Styrene
Concen: 58.959 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU050517.D
Acq: 30 Aug 2022 15:12

Tgt Ion:104 Resp: 424256
Ion Ratio Lower Upper
104 100
78 45.7 32.0 59.4



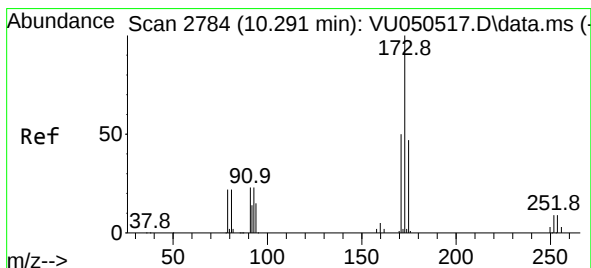
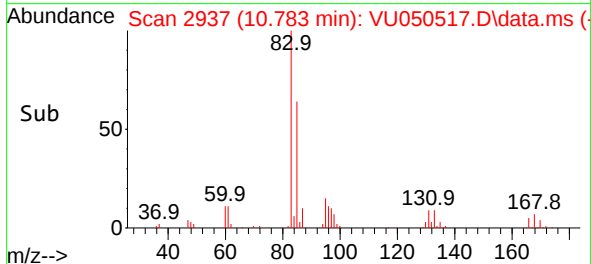
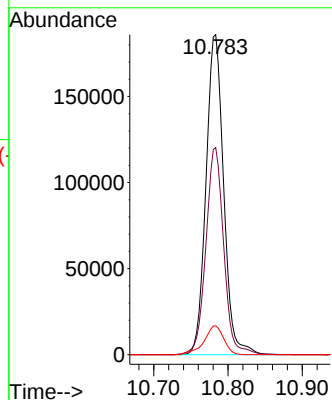
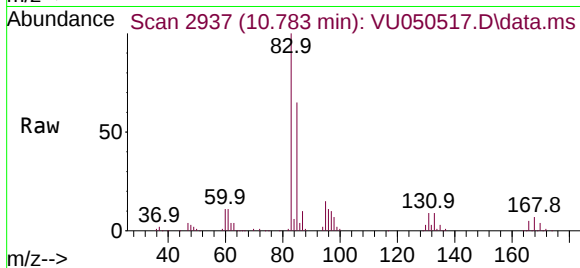


#57
 1,1,2,2-Tetrachloroethane
 Concen: 52.525 ug/L
 RT: 10.783 min Scan# 2937
 Delta R.T. 0.000 min
 Lab File: VU050517.D
 Acq: 30 Aug 2022 15:12

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050015

Tgt Ion: 83 Resp: 306567

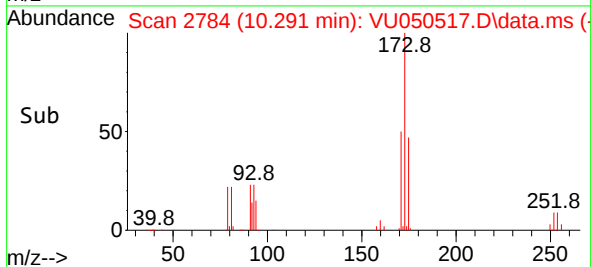
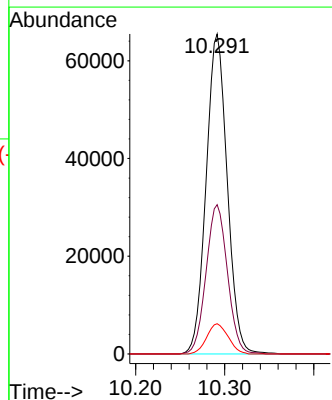
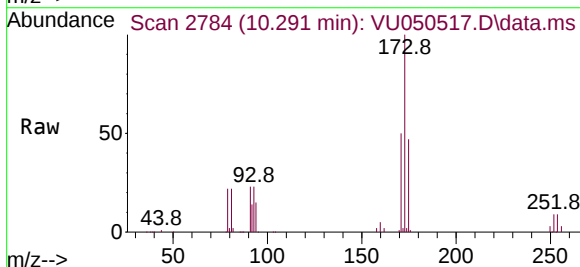
Ion	Ratio	Lower	Upper
83	100		
85	64.7	45.3	84.1
131	9.0	7.2	10.8

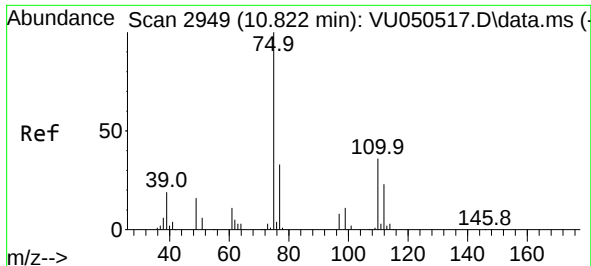


#59
 Bromoform
 Concen: 46.284 ug/L
 RT: 10.291 min Scan# 2784
 Delta R.T. 0.000 min
 Lab File: VU050517.D
 Acq: 30 Aug 2022 15:12

Tgt Ion: 173 Resp: 107616

Ion	Ratio	Lower	Upper
173	100		
175	47.3	37.8	56.8
254	9.6	7.7	11.5

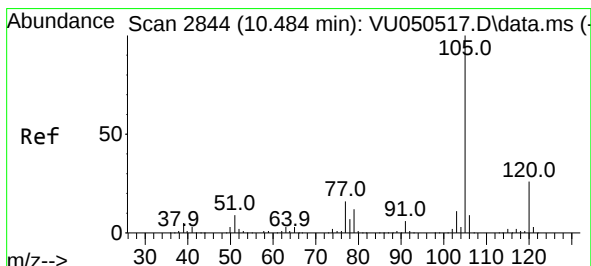
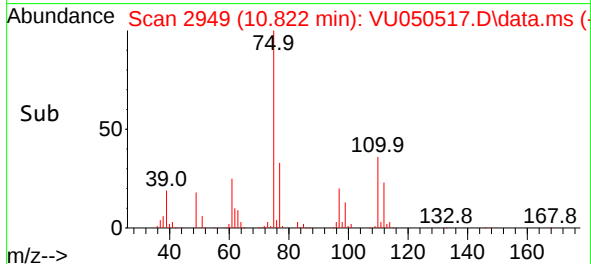
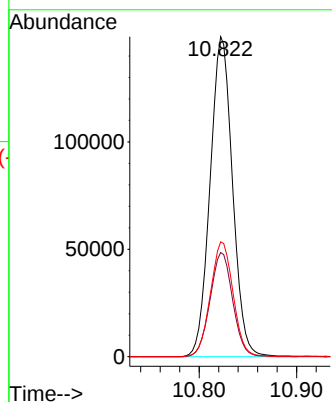
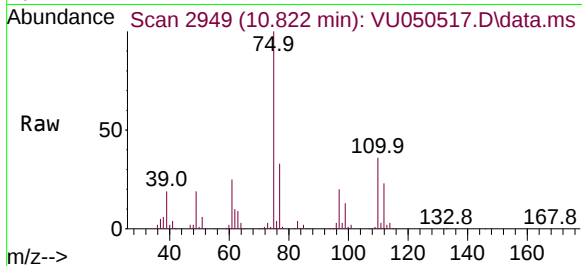




#60
1,2,3-Trichloropropane
Concen: 54.732 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU050517.D
Acq: 30 Aug 2022 15:12

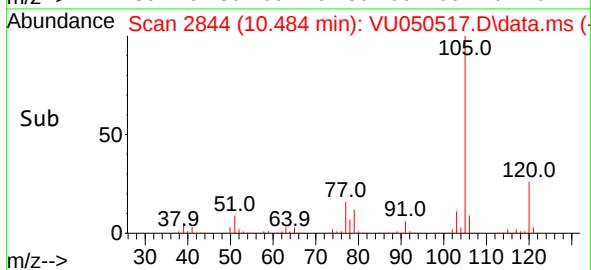
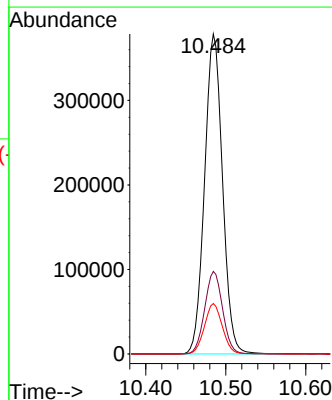
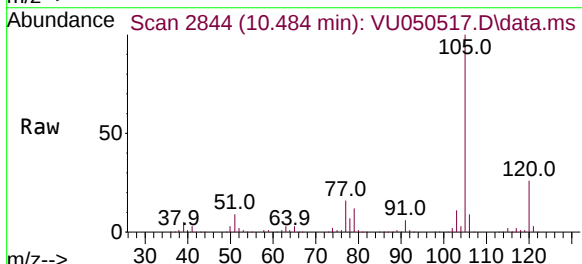
Instrument :
MSVOA_U
ClientSampleId :
VSTD050015

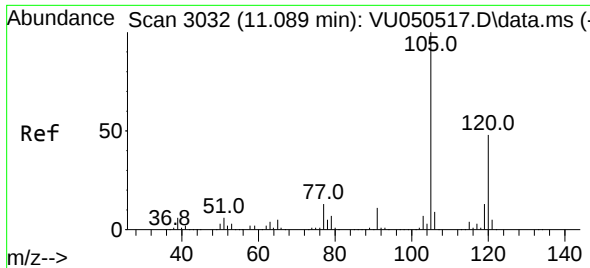
Tgt Ion: 75 Resp: 238106
Ion Ratio Lower Upper
75 100
77 32.8 26.2 39.4
110 36.3 29.0 43.6



#61
Isopropylbenzene
Concen: 57.152 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU050517.D
Acq: 30 Aug 2022 15:12

Tgt Ion: 105 Resp: 591171
Ion Ratio Lower Upper
105 100
120 25.8 20.6 31.0
77 15.8 12.6 19.0

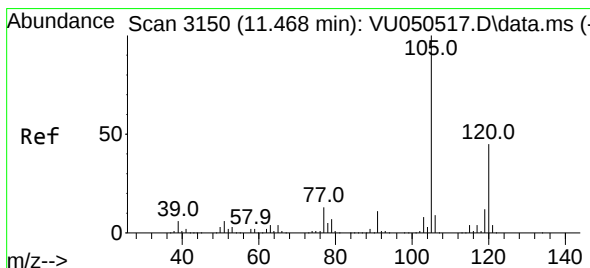
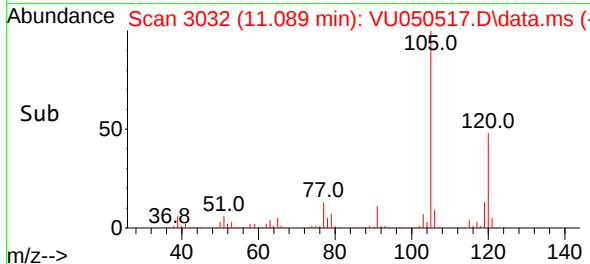
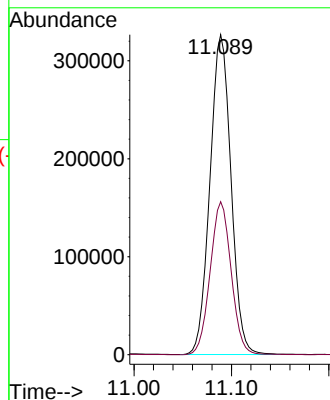
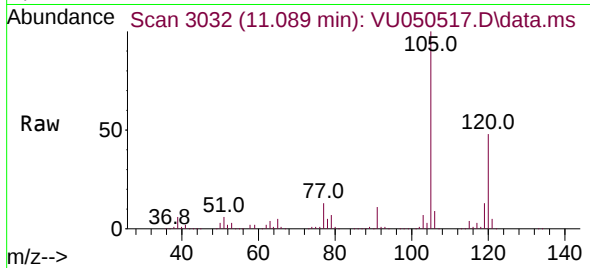




#62
 1,3,5-Trimethylbenzene
 Concen: 58.266 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU050517.D
 Acq: 30 Aug 2022 15:12

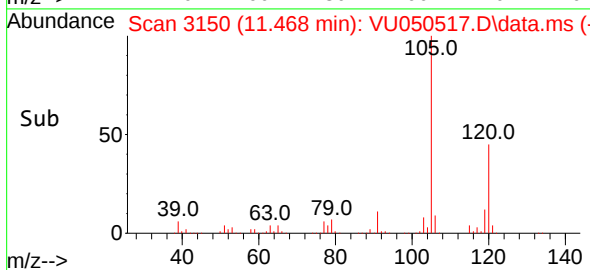
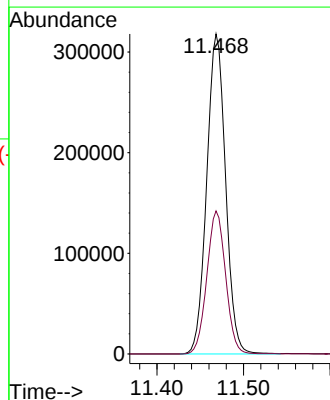
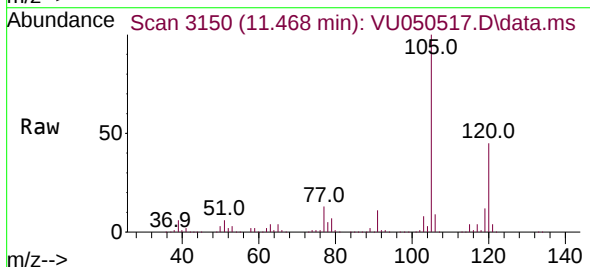
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050015

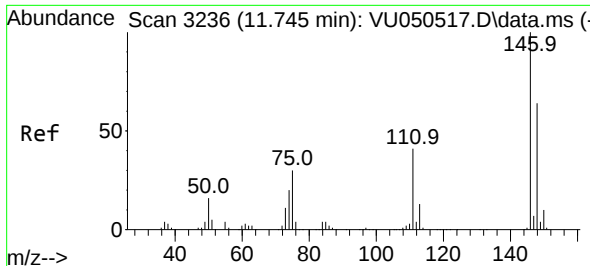
Tgt Ion:105 Resp: 490186
 Ion Ratio Lower Upper
 105 100
 120 47.7 38.2 57.2



#63
 1,2,4-Trimethylbenzene
 Concen: 58.716 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU050517.D
 Acq: 30 Aug 2022 15:12

Tgt Ion:105 Resp: 481021
 Ion Ratio Lower Upper
 105 100
 120 44.5 35.6 53.4

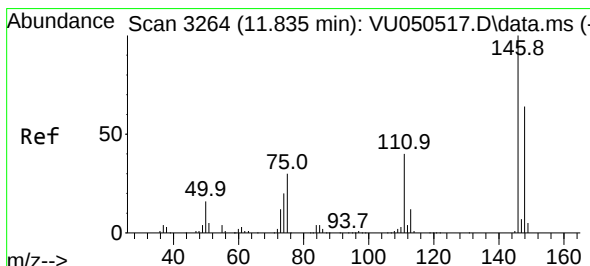
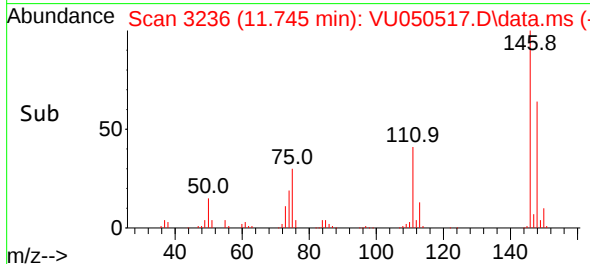
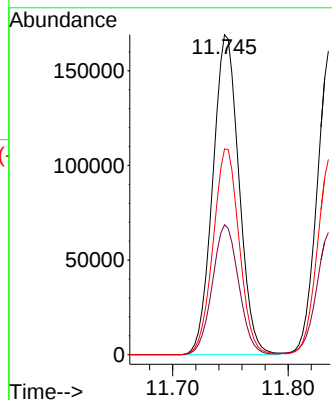
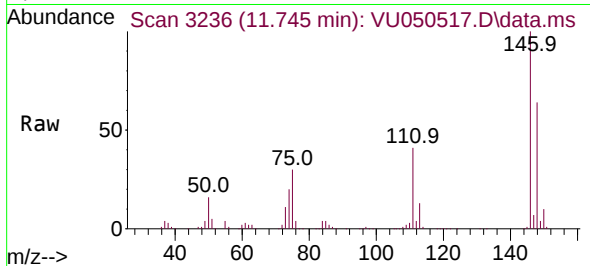




#64
1,3-Dichlorobenzene
Concen: 53.039 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU050517.D
Acq: 30 Aug 2022 15:12

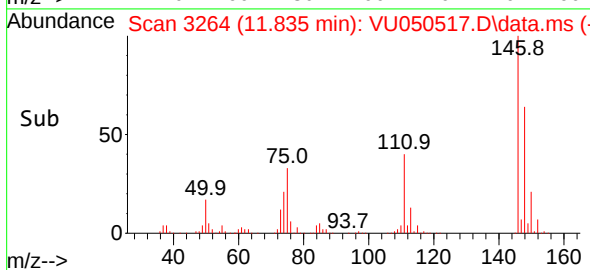
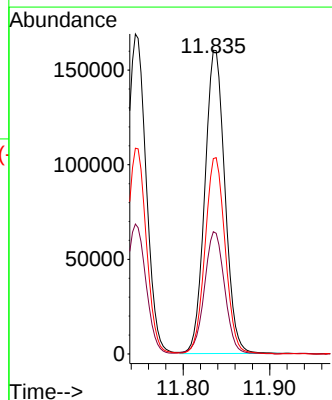
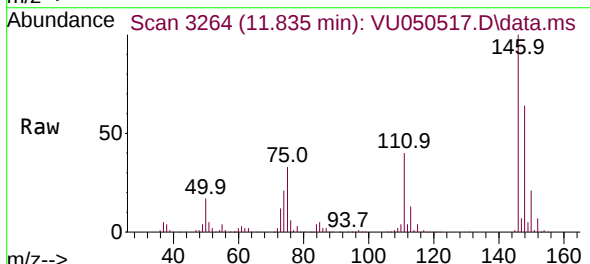
Instrument :
MSVOA_U
ClientSampleId :
VSTD050015

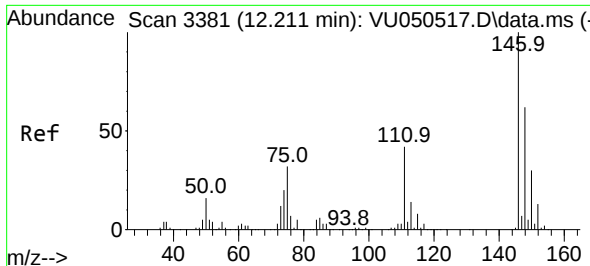
Tgt Ion:146 Resp: 266605
Ion Ratio Lower Upper
146 100
111 40.6 28.4 52.8
148 64.3 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 51.302 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU050517.D
Acq: 30 Aug 2022 15:12

Tgt Ion:146 Resp: 258636
Ion Ratio Lower Upper
146 100
111 40.3 28.2 52.4
148 64.3 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 53.938 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU050517.D

Acq: 30 Aug 2022 15:12

Instrument :

MSVOA_U

ClientSampleId :

VSTD050015

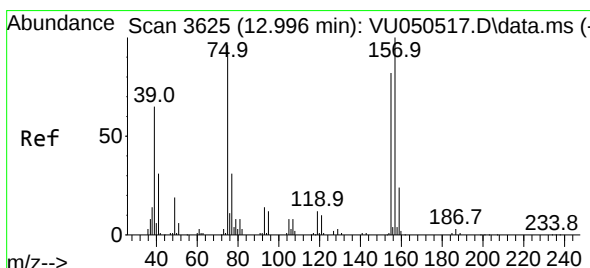
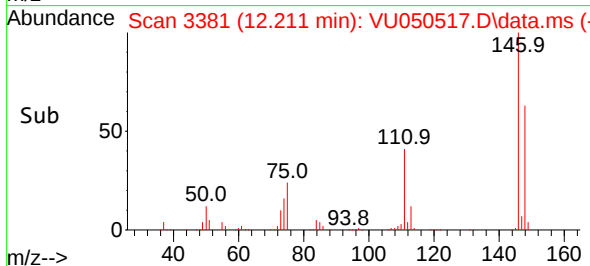
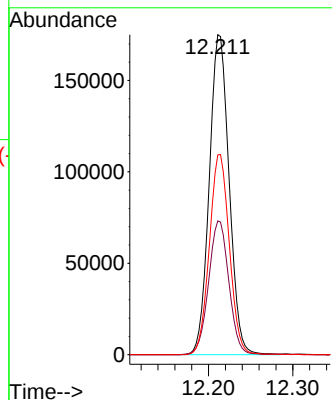
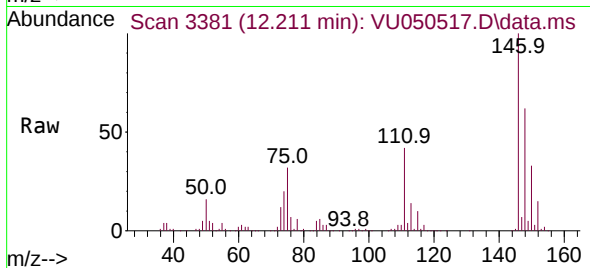
Tgt Ion:146 Resp: 286716

Ion Ratio Lower Upper

146 100

111 41.8 33.4 50.2

148 62.4 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 49.312 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU050517.D

Acq: 30 Aug 2022 15:12

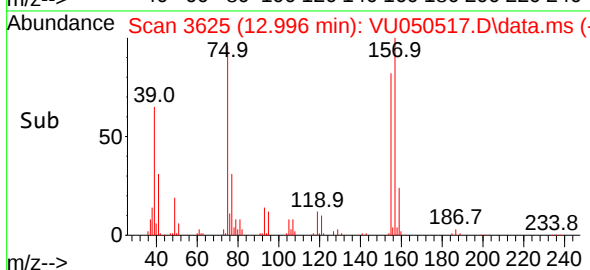
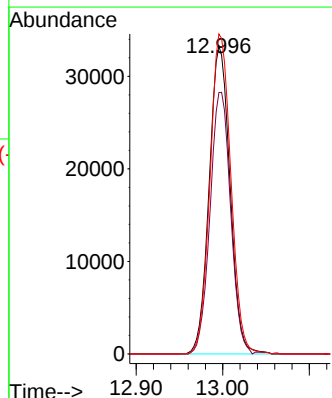
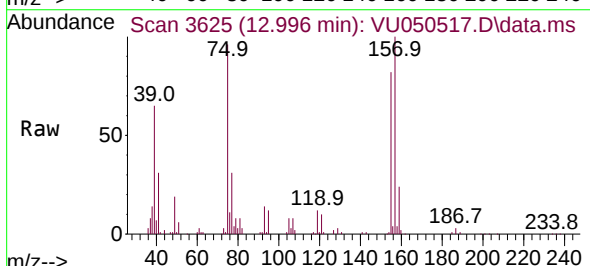
Tgt Ion: 75 Resp: 55634

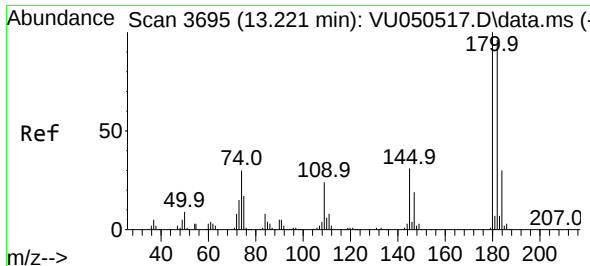
Ion Ratio Lower Upper

75 100

155 89.3 71.4 107.2

157 104.0 83.2 124.8

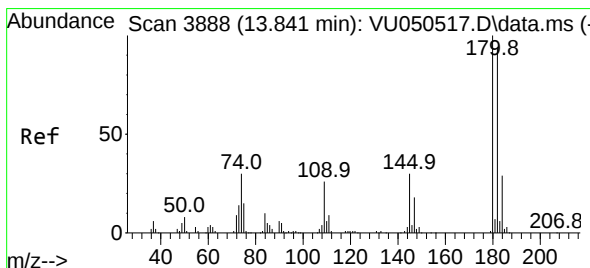
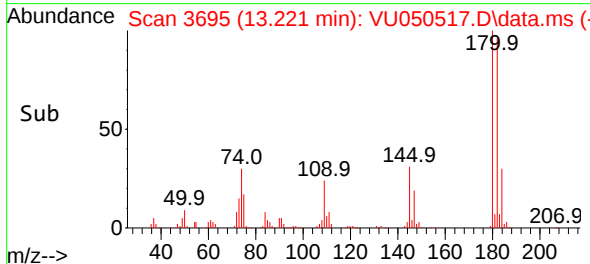
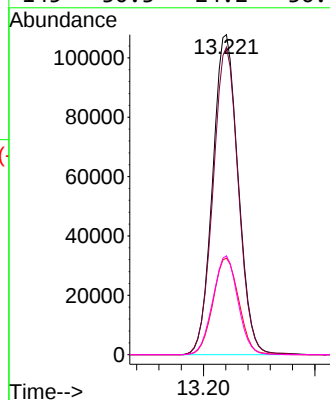
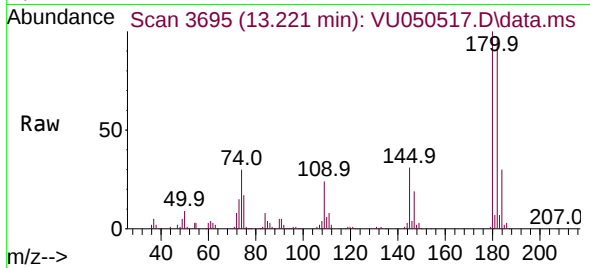




#69
 1,3,5-Trichlorobenzene
 Concen: 49.999 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU050517.D
 Acq: 30 Aug 2022 15:12

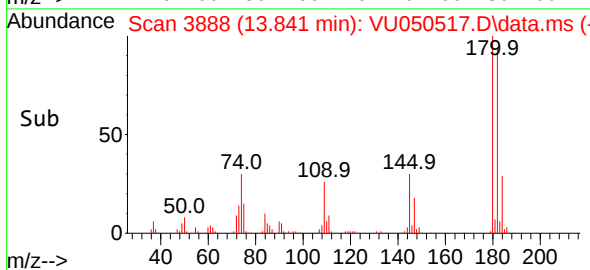
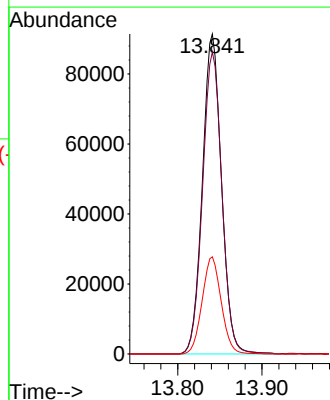
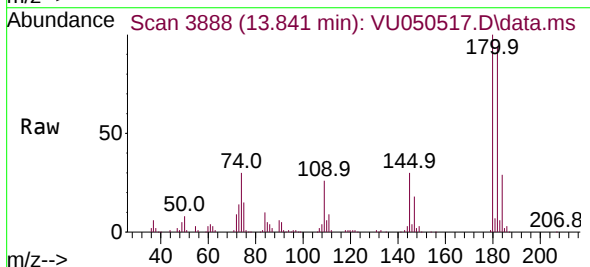
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050015

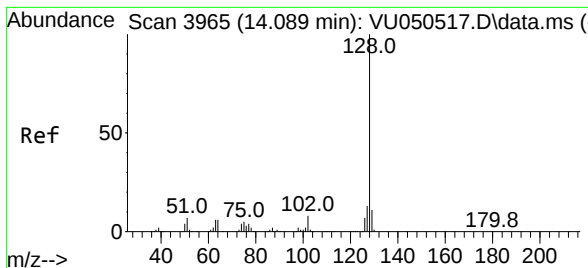
Tgt Ion:180 Resp: 171685
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.3 114.5
 184 30.5 24.4 36.6
 145 30.3 24.2 36.4



#70
 1,2,4-trichlorobenzene
 Concen: 52.202 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU050517.D
 Acq: 30 Aug 2022 15:12

Tgt Ion:180 Resp: 144116
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.6 115.0
 145 30.3 24.2 36.4





#71

Naphthalene

Concen: 60.707 ug/L

RT: 14.089 min Scan# 3965

Delta R.T. 0.000 min

Lab File: VU050517.D

Acq: 30 Aug 2022 15:12

Instrument :

MSVOA_U

ClientSampleId :

VSTD050015

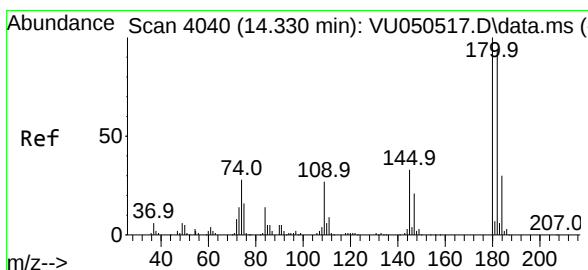
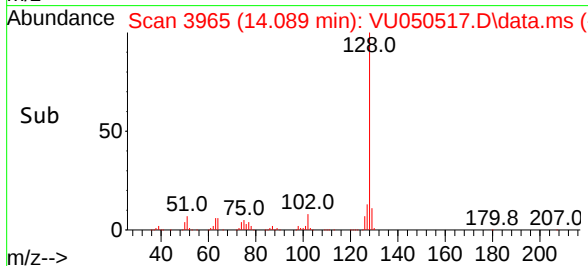
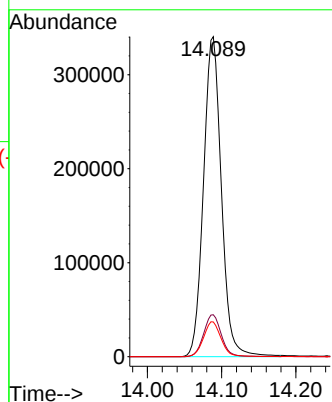
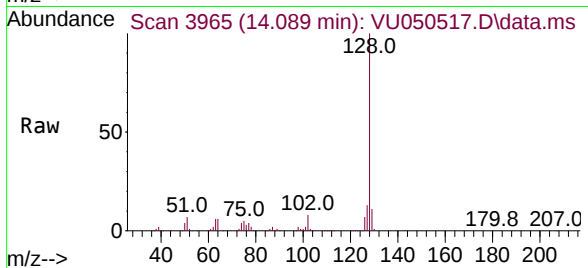
Tgt Ion:128 Resp: 568561

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.8 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 55.698 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. 0.000 min

Lab File: VU050517.D

Acq: 30 Aug 2022 15:12

Tgt Ion:180 Resp: 169619

Ion Ratio Lower Upper

180 100

182 95.0 76.0 114.0

145 32.7 26.2 39.2

