

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051823\
 Data File : VU054158.D
 Acq On : 18 May 2023 10:32
 Operator : JC/MD
 Sample : VSTD00527
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005027

Quant Time: May 19 01:41:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 19 01:39:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	187789	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	175952	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	99645	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	46283	4.191	ug/L	0.00
7) Chloroethane-d5	1.912	69	36442	3.956	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	65	21622	4.622	ug/L	0.00
20) 2-Butanone-d5	4.636	46	88748	43.439	ug/L	0.00
24) Chloroform-d	5.057	84	89773	4.266	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.697	65	41417	4.272	ug/L	0.00
32) Benzene-d6	5.723	84	172499	4.303	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.684	67	49976	4.131	ug/L	0.00
41) Toluene-d8	7.893	98	162172	4.317	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	20869	4.321	ug/L	0.00
46) 2-Hexanone-d5	8.629	63	61714	37.449	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.748	84	36288	3.730	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.189	152	56589	3.633	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	73323	5.267	ug/L	100
3) Chloromethane	1.520	50	66576	4.958	ug/L	100
5) Vinyl chloride	1.604	62	72850	4.776	ug/L	100
6) Bromomethane	1.858	94	42569	4.348	ug/L	100
8) Chloroethane	1.935	64	44395	4.648	ug/L	100
9) Trichlorofluoromethane	2.138	101	116266	5.058	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	69431	5.174	ug/L	100
12) 1,1-Dichloroethene	2.578	96	60126	5.096	ug/L	100
13) Acetone	2.646	43	120547	64.829	ug/L	100
14) Carbon disulfide	2.790	76	149314	4.712	ug/L	100
15) Methyl Acetate	2.957	43	22794	5.932	ug/L	100
16) Methylene chloride	3.044	84	71517	4.458	ug/L	100
17) Methyl tert-butyl Ether	3.359	73	153575	5.824	ug/L	100
18) trans-1,2-Dichloroethene	3.350	96	61515	5.142	ug/L	100
19) 1,1-Dichloroethane	3.864	63	121908	5.554	ug/L	100
21) 2-Butanone	4.713	43	170053	66.725	ug/L	100
22) cis-1,2-Dichloroethene	4.662	96	71457	5.257	ug/L	100
23) Bromochloromethane	4.970	128	32130	5.347	ug/L	100
25) Chloroform	5.083	83	130480	5.480	ug/L	100
27) 1,2-Dichloroethane	5.790	62	76530	5.572	ug/L	100
29) 1,1,1-Trichloroethane	5.311	97	115497	5.698	ug/L	100
30) Cyclohexane	5.382	56	93413	5.258	ug/L	100
31) Carbon tetrachloride	5.517	117	102053	5.809	ug/L	100
33) Benzene	5.768	78	266390	5.356	ug/L	100
34) Trichloroethene	6.536	95	70555	5.226	ug/L	100
35) Methylcyclohexane	6.758	83	101016	4.930	ug/L	100
37) 1,2-Dichloropropane	6.784	63	70118	5.619	ug/L	100
38) Bromodichloromethane	7.099	83	87711	5.597	ug/L	100
39) cis-1,3-Dichloropropene	7.600	75	104288	5.505	ug/L	100
40) 4-Methyl-2-pentanone	7.784	43	365987	62.368	ug/L	100
42) Toluene	7.964	91	287458	5.445	ug/L	100
44) trans-1,3-Dichloropropene	8.205	75	86304	5.627	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051823\
 Data File : VU054158.D
 Acq On : 18 May 2023 10:32
 Operator : JC/MD
 Sample : VSTD00527
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005027

Quant Time: May 19 01:41:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 19 01:39:38 2023
 Response via : Initial Calibration

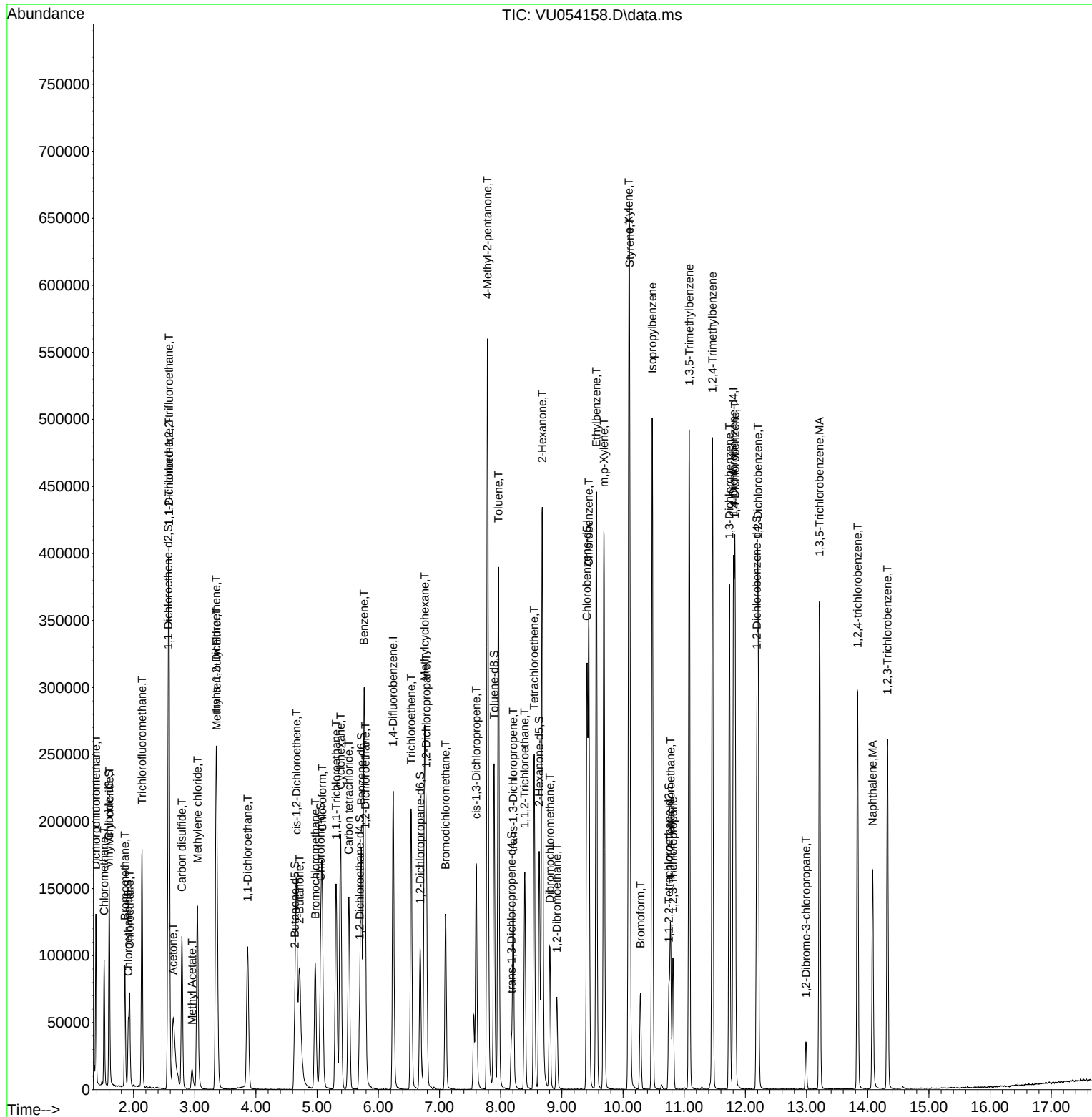
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.394	97	51109	5.517	ug/L	100
47) Tetrachloroethene	8.549	164	58804	5.445	ug/L	100
48) 2-Hexanone	8.681	43	272845	60.910	ug/L	100
49) Dibromochloromethane	8.806	129	56020	5.633	ug/L	100
50) 1,2-Dibromoethane	8.919	107	46503	5.413	ug/L	100
51) Chlorobenzene	9.439	112	187919	5.225	ug/L	100
52) Ethylbenzene	9.565	91	315737	5.406	ug/L	100
53) m,p-Xylene	9.687	106	122906	5.502	ug/L	100
54) o-Xylene	10.095	106	118816	5.502	ug/L	100
55) Styrene	10.108	104	197276	5.568	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.777	83	59785	5.350	ug/L	100
59) Bromoform	10.285	173	33134	5.651	ug/L	100
60) Isopropylbenzene	10.478	105	322036	5.328	ug/L	100
61) 1,2,3-Trichloropropane	10.816	75	41977	5.377	ug/L	100
62) 1,3,5-Trimethylbenzene	11.082	105	263942	5.353	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	264764	5.306	ug/L	100
64) 1,3-Dichlorobenzene	11.738	146	156885	5.190	ug/L	100
65) 1,4-Dichlorobenzene	11.832	146	153830	5.033	ug/L	100
67) 1,2-Dichlorobenzene	12.208	146	144466	5.143	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.989	75	9666	5.911	ug/L	100
69) 1,3,5-Trichlorobenzene	13.214	180	117322	5.335	ug/L	100
70) 1,2,4-trichlorobenzene	13.835	180	95637	4.782	ug/L	100
71) Naphthalene	14.079	128	137081	3.976	ug/L	100
72) 1,2,3-Trichlorobenzene	14.323	180	83640	4.677	ug/L	100

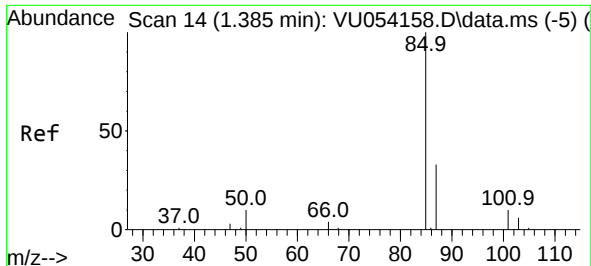
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051823\
Data File : VU054158.D
Acq On : 18 May 2023 10:32
Operator : JC/MD
Sample : VSTD00527
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005027

Quant Time: May 19 01:41:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051823WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri May 19 01:39:38 2023
Response via : Initial Calibration

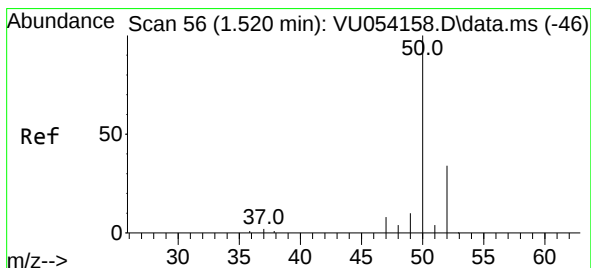
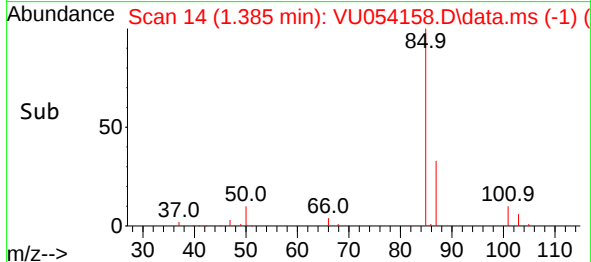
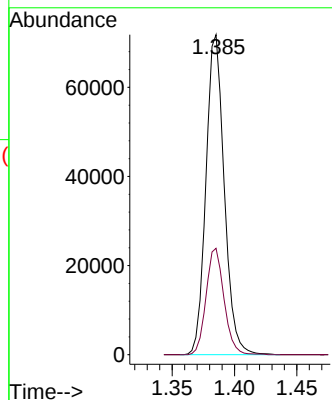
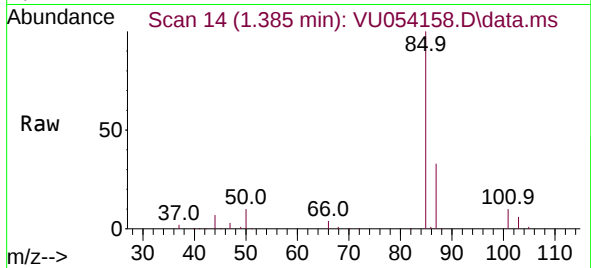




#2
 Dichlorodifluoromethane
 Concen: 5.267 ug/L
 RT: 1.385 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VU054158.D
 Acq: 18 May 2023 10:32

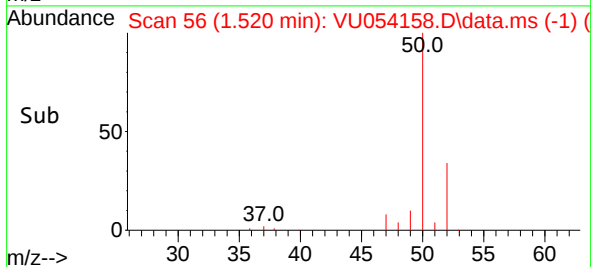
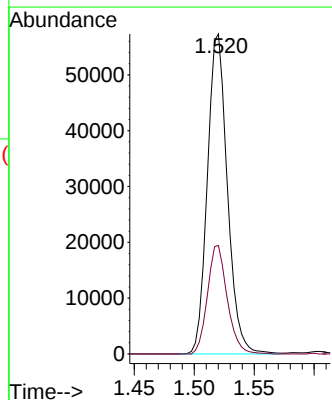
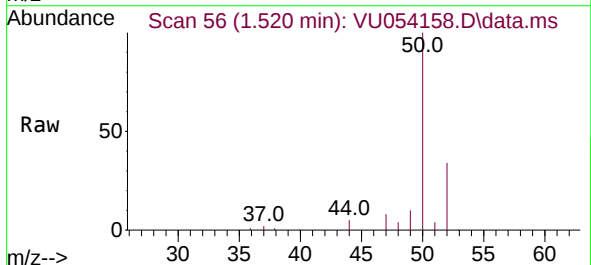
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005027

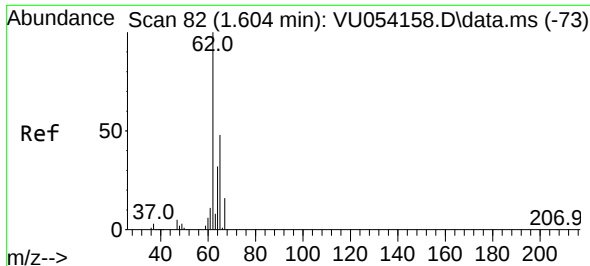
Tgt Ion: 85 Resp: 73323
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.1 39.1



#3
 Chloromethane
 Concen: 4.958 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VU054158.D
 Acq: 18 May 2023 10:32

Tgt Ion: 50 Resp: 66576
 Ion Ratio Lower Upper
 50 100
 52 33.9 23.7 44.1

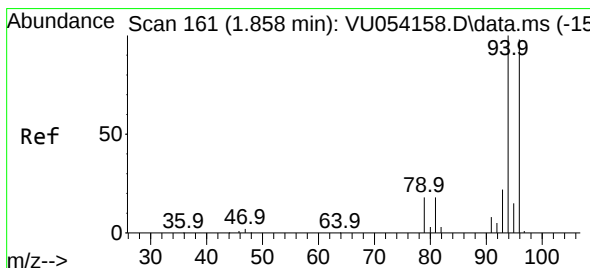
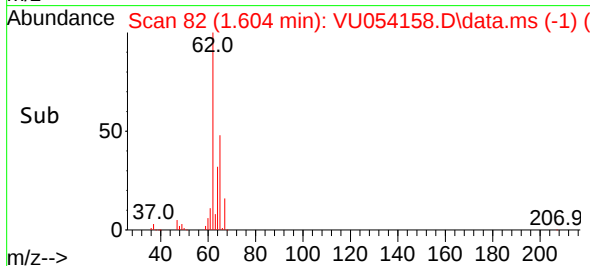
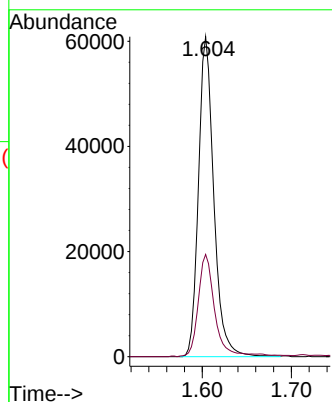
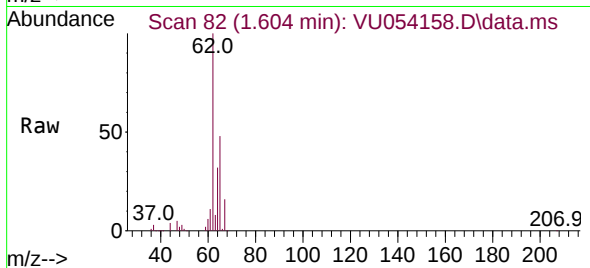




#5
 Vinyl chloride
 Concen: 4.776 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU054158.D
 Acq: 18 May 2023 10:32

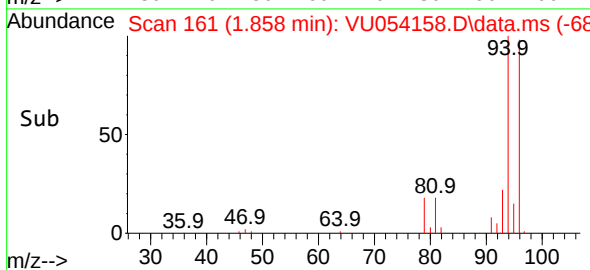
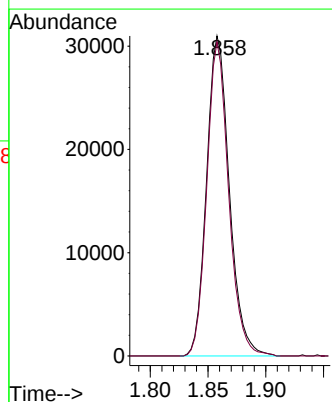
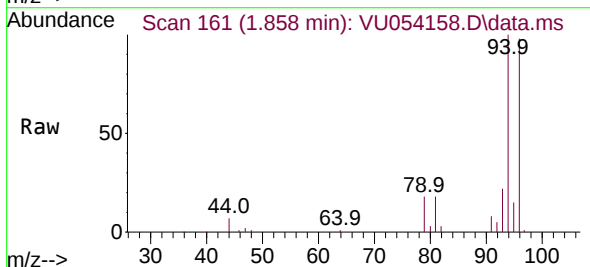
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005027

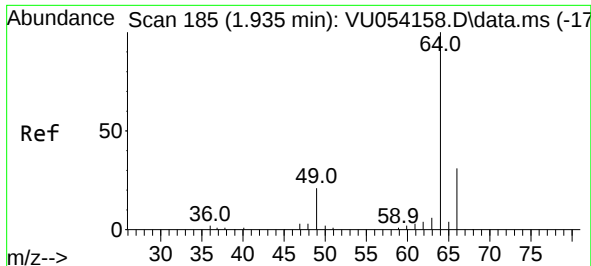
Tgt Ion: 62 Resp: 72850
 Ion Ratio Lower Upper
 62 100
 64 32.0 22.4 41.6



#6
 Bromomethane
 Concen: 4.348 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.000 min
 Lab File: VU054158.D
 Acq: 18 May 2023 10:32

Tgt Ion: 94 Resp: 42569
 Ion Ratio Lower Upper
 94 100
 96 98.1 68.7 127.5

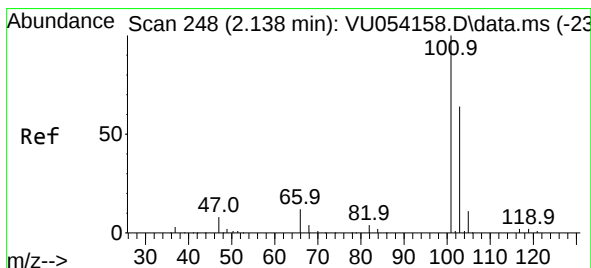
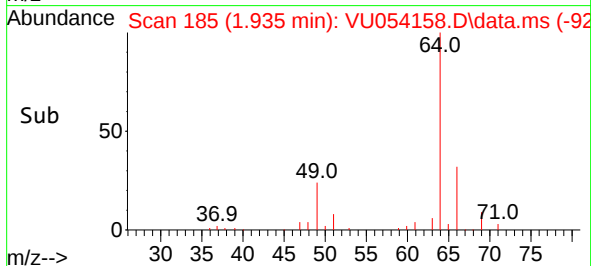
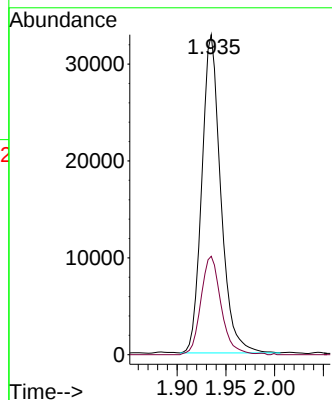
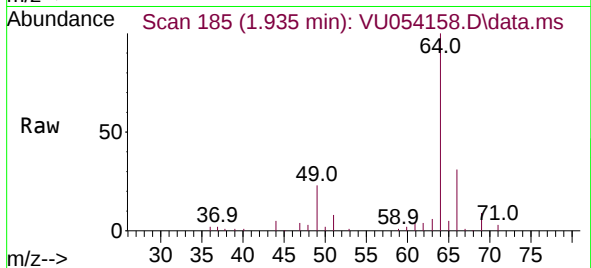




#8
Chloroethane
Concen: 4.648 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU054158.D
Acq: 18 May 2023 10:32

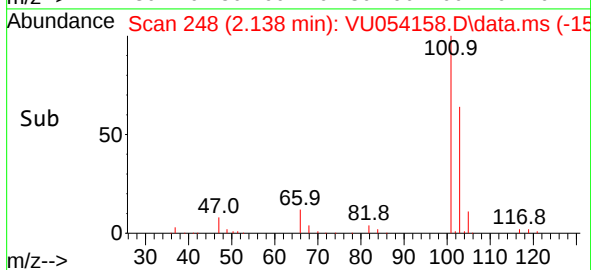
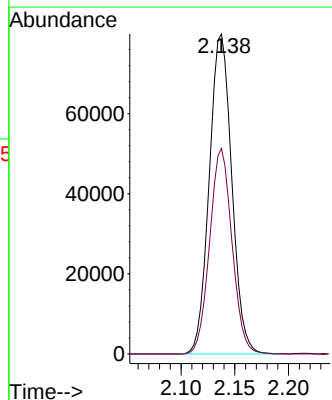
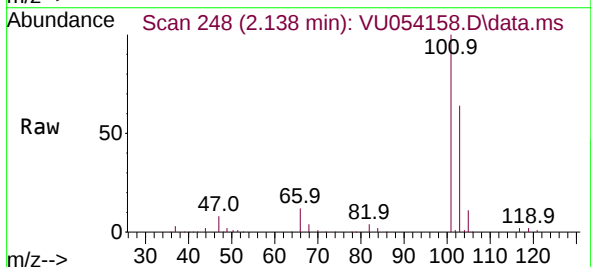
Instrument :
MSVOA_U
ClientSampleId :
VSTD005027

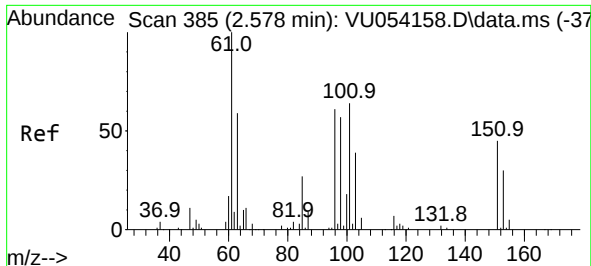
Tgt Ion: 64 Resp: 44395
Ion Ratio Lower Upper
64 100
66 30.8 21.6 40.0



#9
Trichlorofluoromethane
Concen: 5.058 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU054158.D
Acq: 18 May 2023 10:32

Tgt Ion:101 Resp: 116266
Ion Ratio Lower Upper
101 100
103 63.8 51.0 76.6

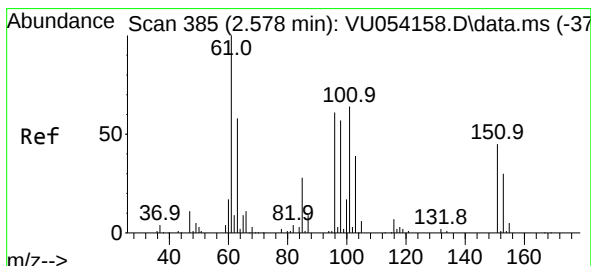
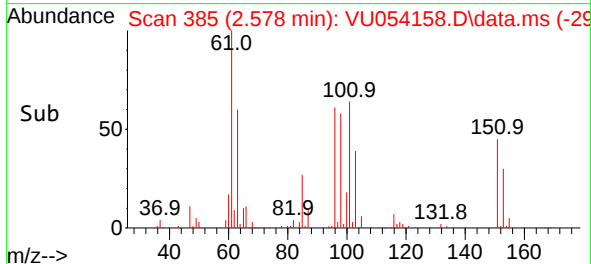
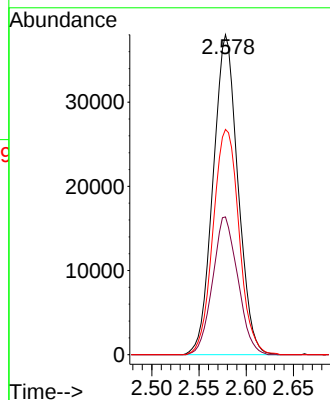
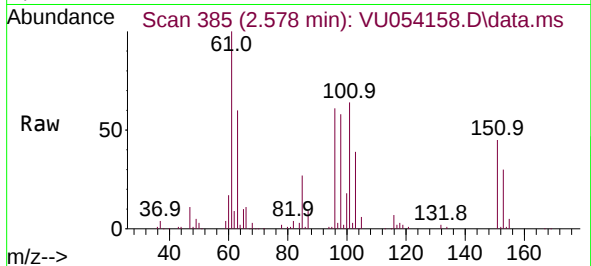




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.174 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU054158.D
Acq: 18 May 2023 10:32

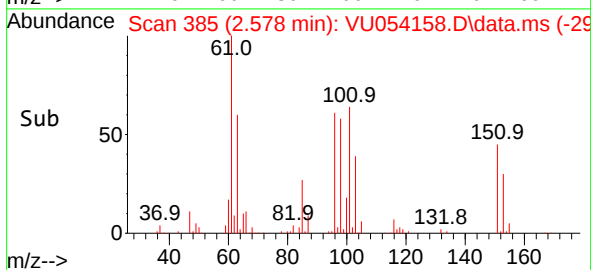
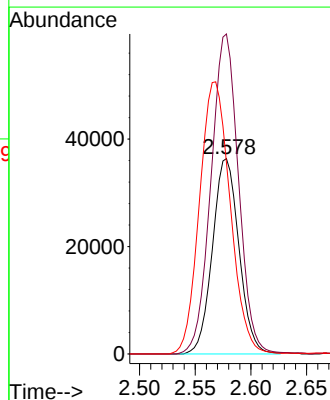
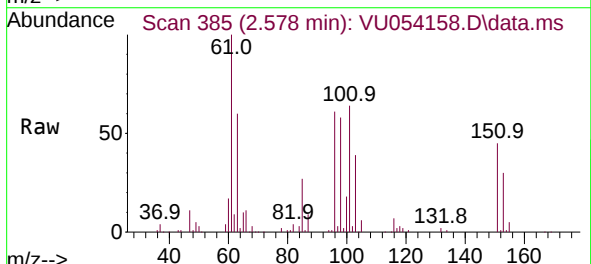
Instrument :
MSVOA_U
ClientSampleId :
VSTD005027

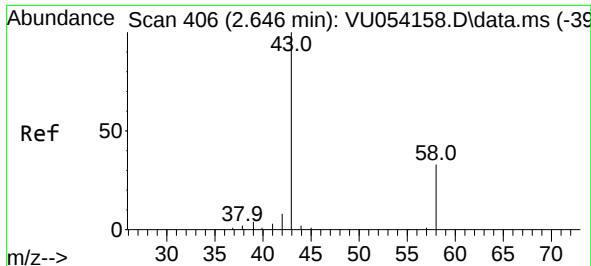
Tgt Ion:101 Resp: 69431
Ion Ratio Lower Upper
101 100
85 43.7 35.0 52.4
151 73.8 59.0 88.6



#12
1,1-Dichloroethene
Concen: 5.096 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU054158.D
Acq: 18 May 2023 10:32

Tgt Ion: 96 Resp: 60126
Ion Ratio Lower Upper
96 100
61 163.8 114.7 212.9
63 98.0 68.6 127.4





#13

Acetone

Concen: 64.829 ug/L

RT: 2.646 min Scan# 406

Delta R.T. 0.000 min

Lab File: VU054158.D

Acq: 18 May 2023 10:32

Instrument :

MSVOA_U

ClientSampleId :

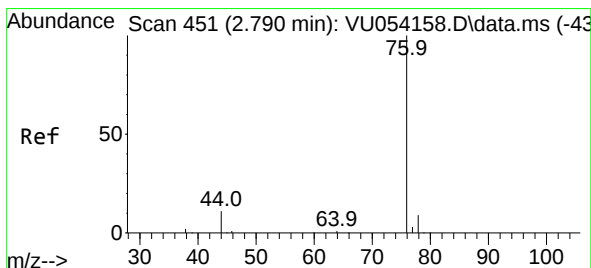
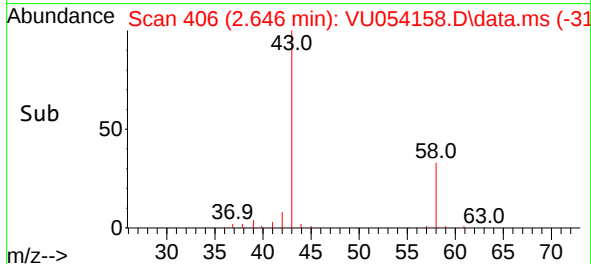
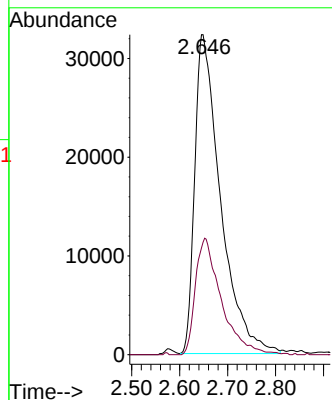
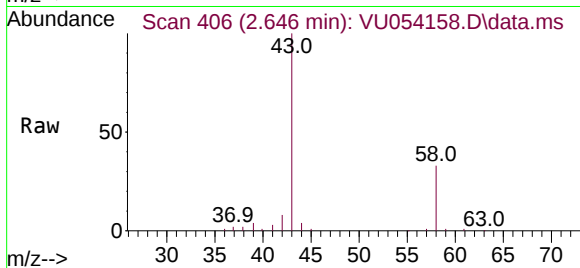
VSTD005027

Tgt Ion: 43 Resp: 120547

Ion Ratio Lower Upper

43 100

58 36.6 0.0 73.2



#14

Carbon disulfide

Concen: 4.712 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU054158.D

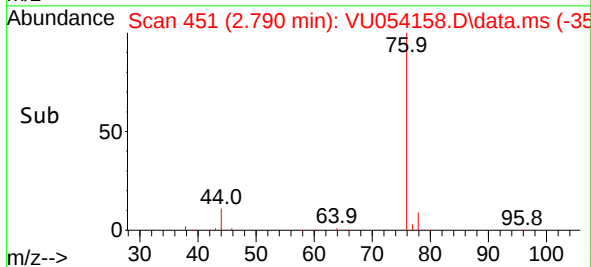
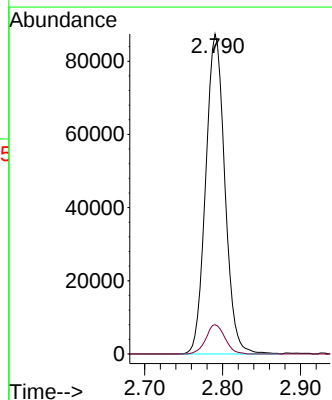
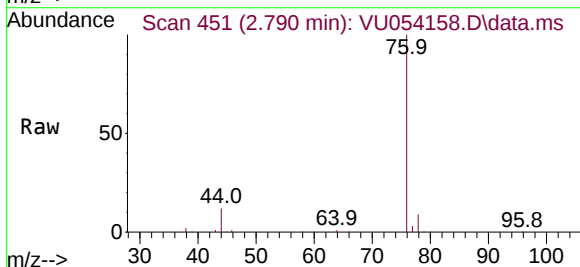
Acq: 18 May 2023 10:32

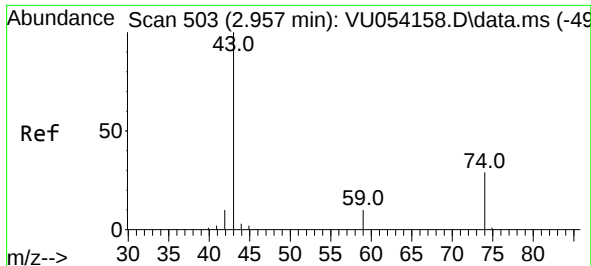
Tgt Ion: 76 Resp: 149314

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

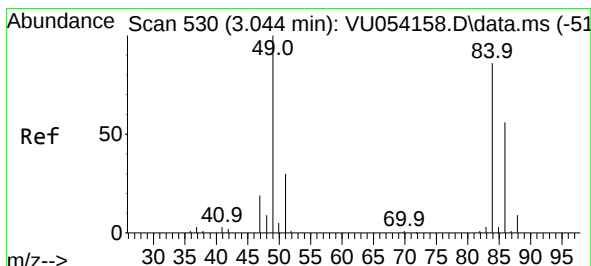
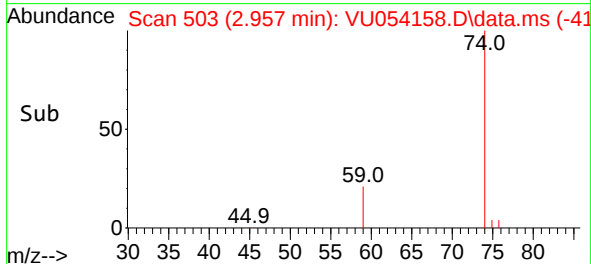
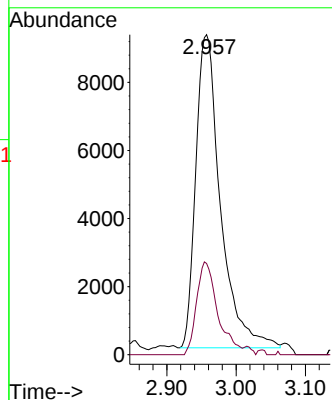
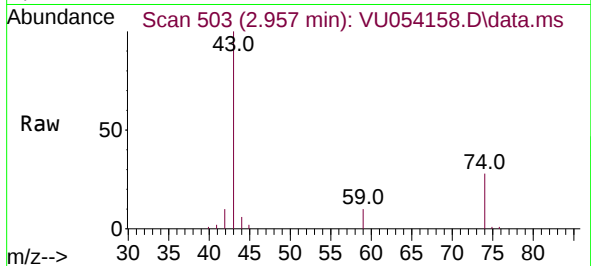




#15
Methyl Acetate
Concen: 5.932 ug/L
RT: 2.957 min Scan# 503
Delta R.T. 0.000 min
Lab File: VU054158.D
Acq: 18 May 2023 10:32

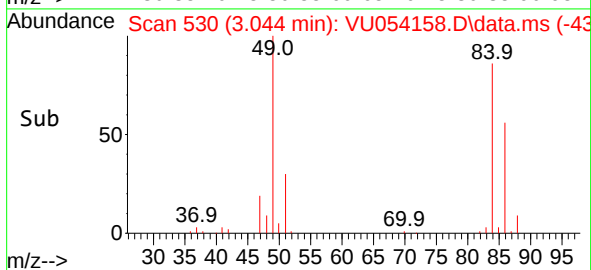
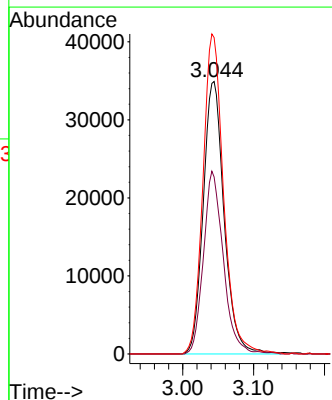
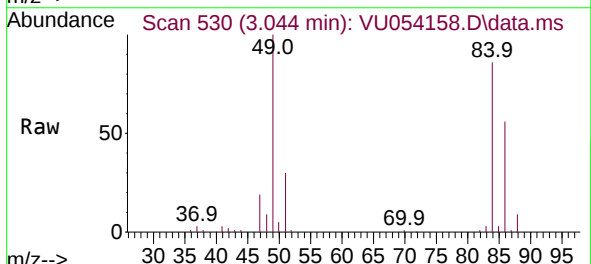
Instrument :
MSVOA_U
ClientSampleId :
VSTD005027

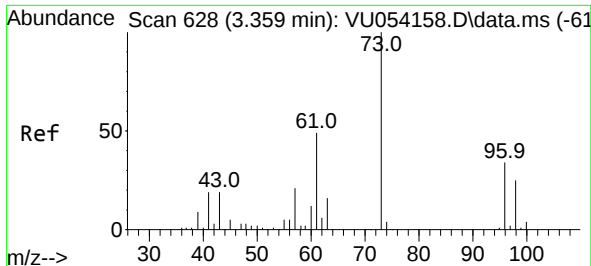
Tgt Ion: 43 Resp: 22794
Ion Ratio Lower Upper
43 100
74 25.4 20.3 30.5



#16
Methylene chloride
Concen: 4.458 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU054158.D
Acq: 18 May 2023 10:32

Tgt Ion: 84 Resp: 71517
Ion Ratio Lower Upper
84 100
86 65.0 45.5 84.5
49 116.1 81.3 150.9

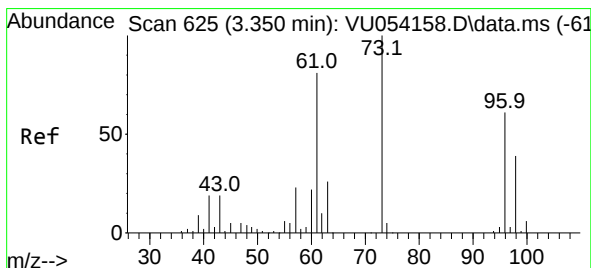
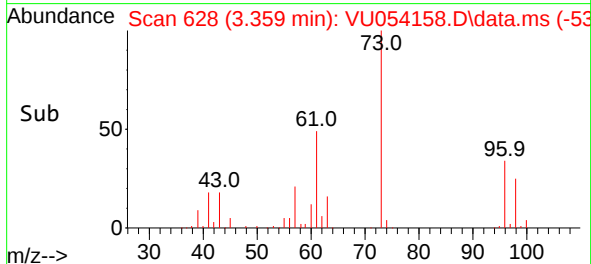
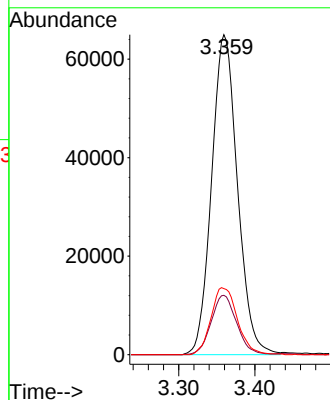
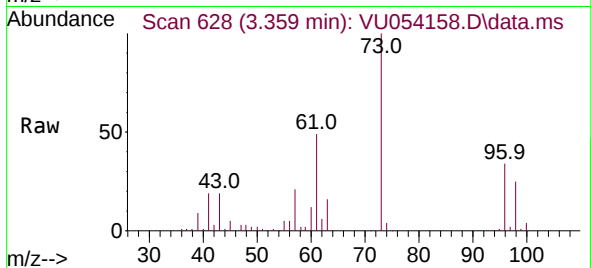




#17
Methyl tert-butyl Ether
Concen: 5.824 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU054158.D
Acq: 18 May 2023 10:32

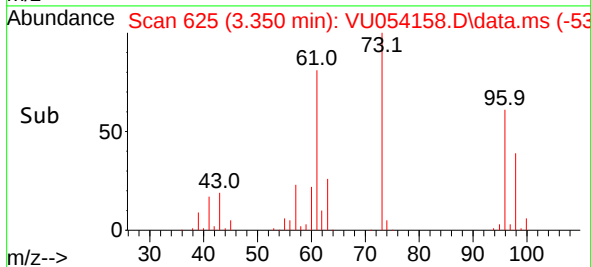
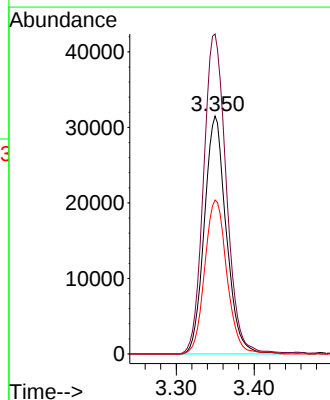
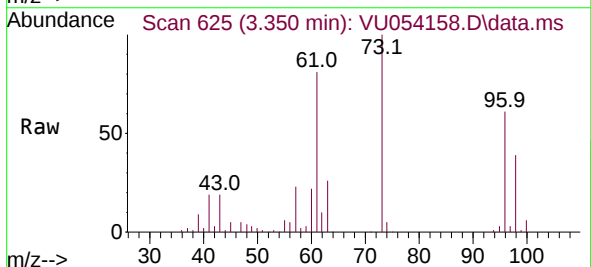
Instrument :
MSVOA_U
ClientSampleId :
VSTD005027

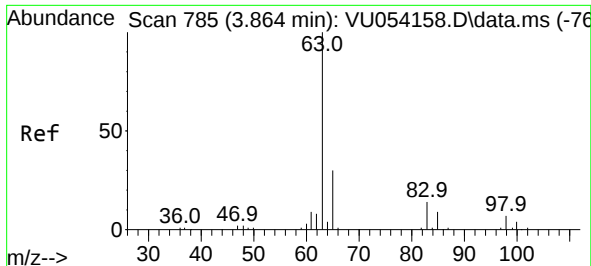
Tgt Ion: 73 Resp: 153575
Ion Ratio Lower Upper
73 100
43 18.3 14.6 22.0
57 21.4 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 5.142 ug/L
RT: 3.350 min Scan# 625
Delta R.T. 0.000 min
Lab File: VU054158.D
Acq: 18 May 2023 10:32

Tgt Ion: 96 Resp: 61515
Ion Ratio Lower Upper
96 100
61 134.5 94.1 174.8
98 64.7 45.3 84.1

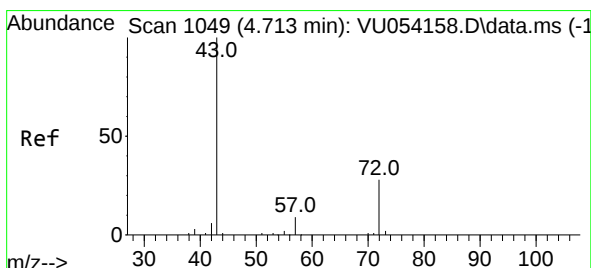
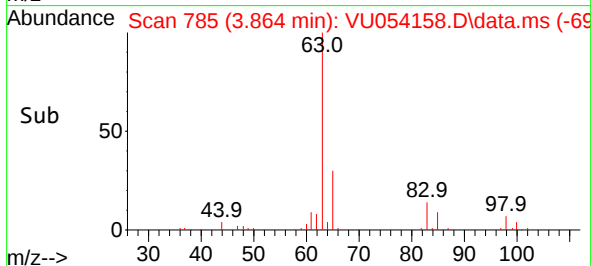
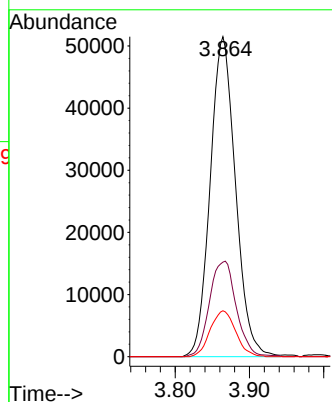
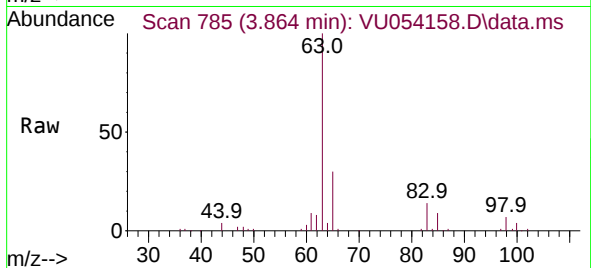




#19
1,1-Dichloroethane
Concen: 5.554 ug/L
RT: 3.864 min Scan# 785
Delta R.T. 0.000 min
Lab File: VU054158.D
Acq: 18 May 2023 10:32

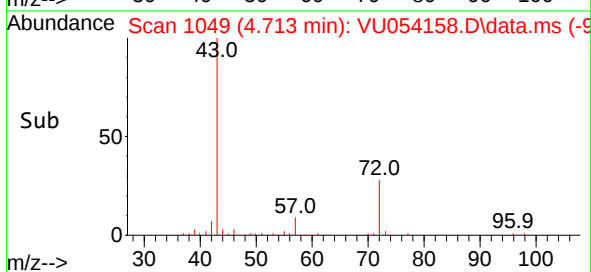
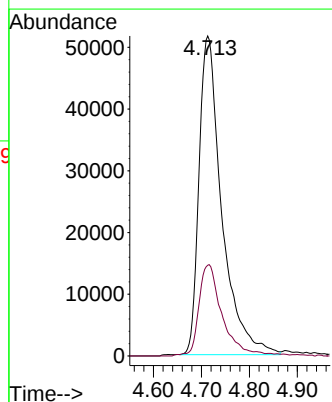
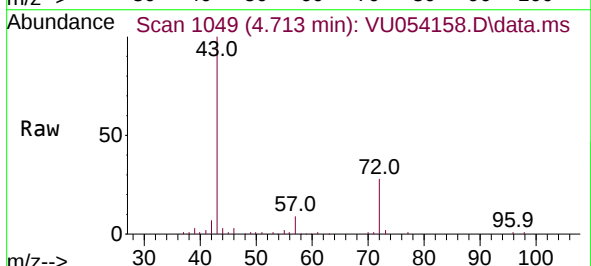
Instrument :
MSVOA_U
ClientSampleId :
VSTD005027

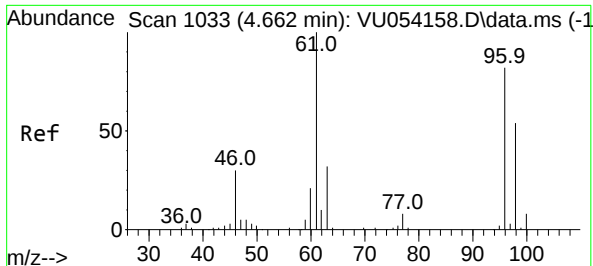
Tgt Ion: 63 Resp: 121908
Ion Ratio Lower Upper
63 100
65 29.6 20.7 38.5
83 14.4 10.1 18.7



#21
2-Butanone
Concen: 66.725 ug/L
RT: 4.713 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU054158.D
Acq: 18 May 2023 10:32

Tgt Ion: 43 Resp: 170053
Ion Ratio Lower Upper
43 100
72 28.5 14.2 42.8





#22

cis-1,2-Dichloroethene

Concen: 5.257 ug/L

RT: 4.662 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VU054158.D

Acq: 18 May 2023 10:32

Instrument :

MSVOA_U

ClientSampleId :

VSTD005027

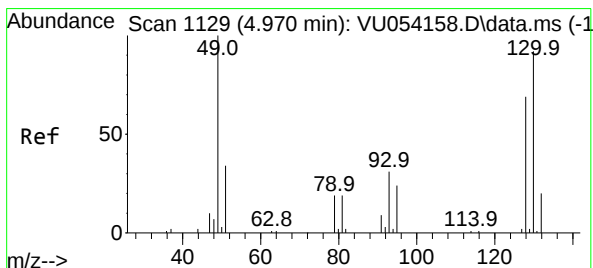
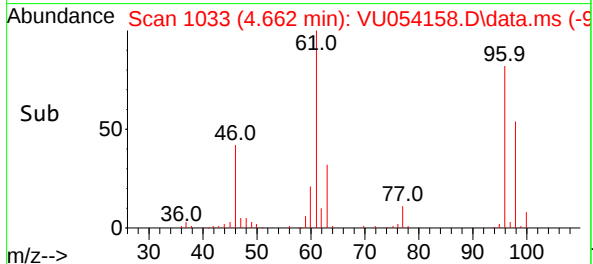
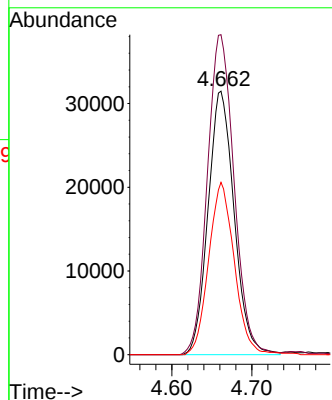
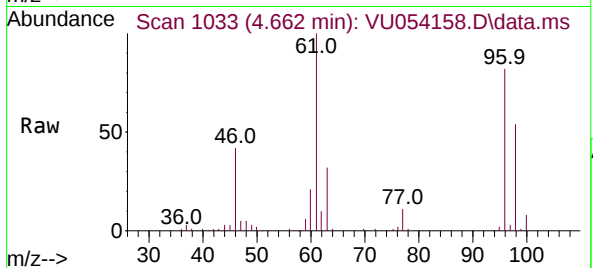
Tgt Ion: 96 Resp: 71457

Ion Ratio Lower Upper

96 100

61 121.4 85.0 157.8

98 65.4 45.8 85.0



#23

Bromochloromethane

Concen: 5.347 ug/L

RT: 4.970 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VU054158.D

Acq: 18 May 2023 10:32

Tgt Ion:128 Resp: 32130

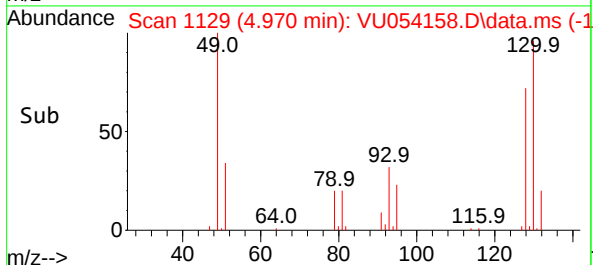
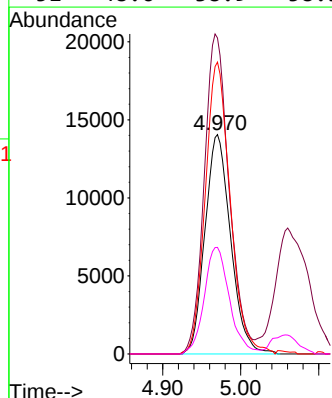
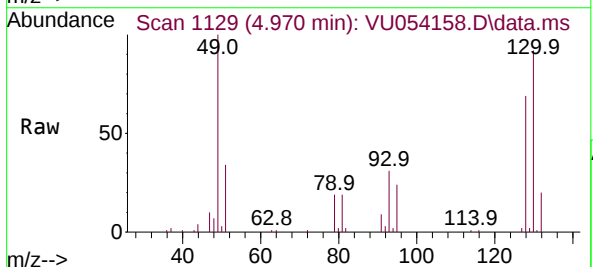
Ion Ratio Lower Upper

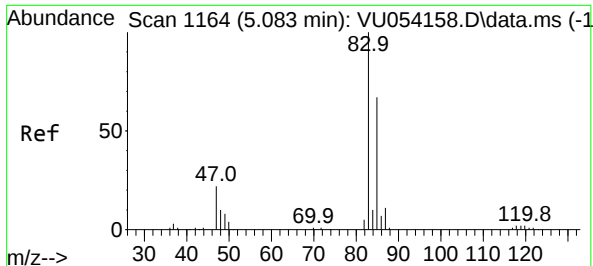
128 100

49 144.1 100.9 187.3

130 133.1 93.2 173.0

51 48.6 38.9 58.3





#25

Chloroform

Concen: 5.480 ug/L

RT: 5.083 min Scan# 1164

Delta R.T. 0.000 min

Lab File: VU054158.D

Acq: 18 May 2023 10:32

Instrument :

MSVOA_U

ClientSampleId :

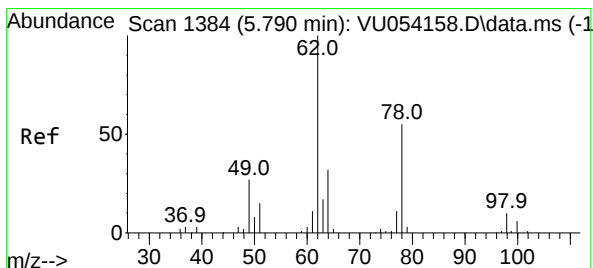
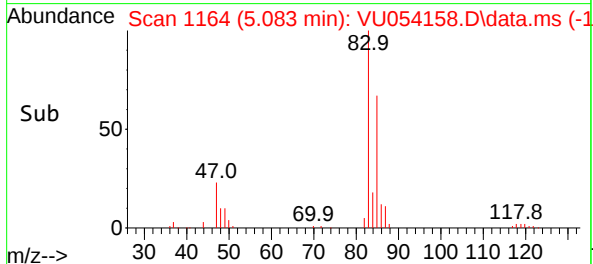
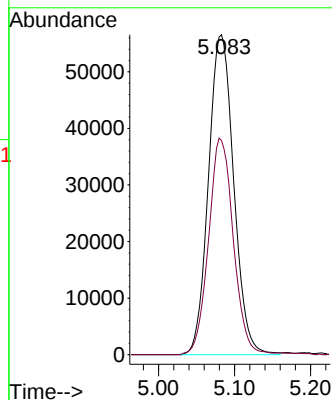
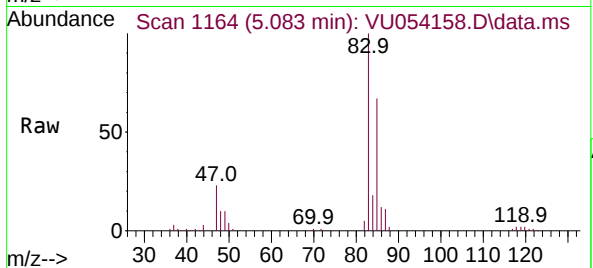
VSTD005027

Tgt Ion: 83 Resp: 130480

Ion Ratio Lower Upper

83 100

85 66.9 46.8 87.0



#27

1,2-Dichloroethane

Concen: 5.572 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VU054158.D

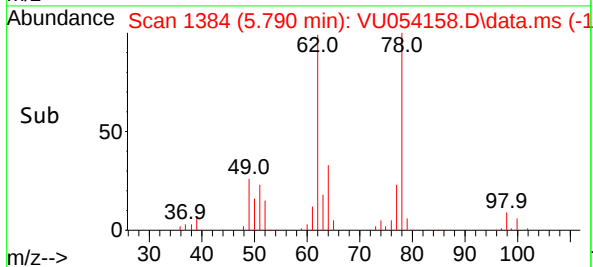
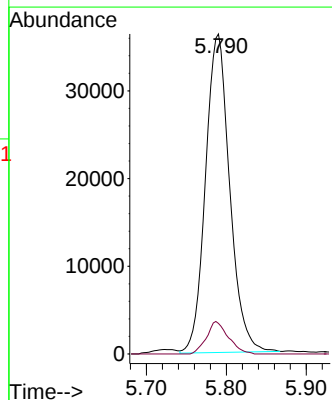
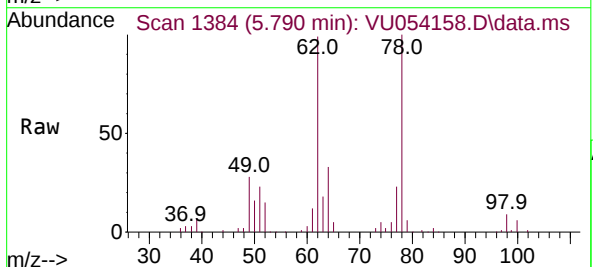
Acq: 18 May 2023 10:32

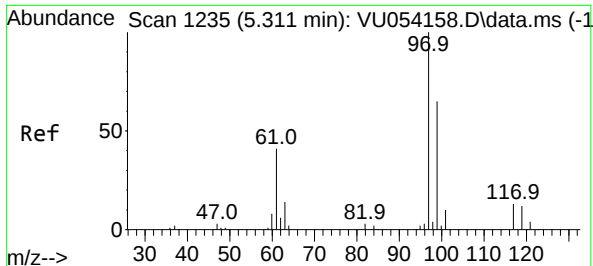
Tgt Ion: 62 Resp: 76530

Ion Ratio Lower Upper

62 100

98 9.5 7.6 11.4





#29

1,1,1-Trichloroethane

Concen: 5.698 ug/L

RT: 5.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU054158.D

Acq: 18 May 2023 10:32

Instrument :

MSVOA_U

ClientSampleId :

VSTD005027

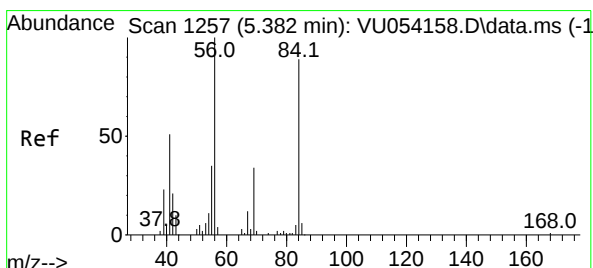
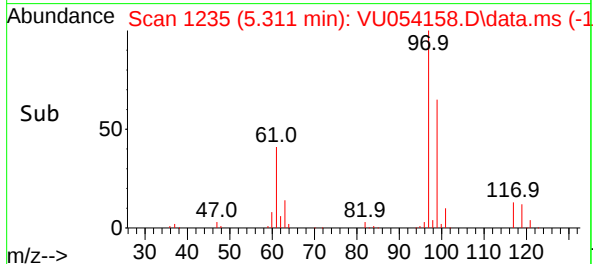
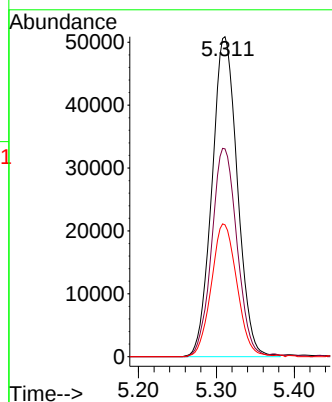
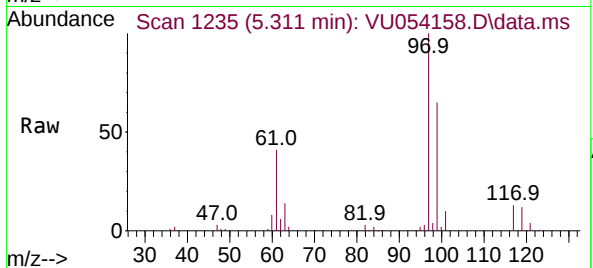
Tgt Ion: 97 Resp: 115497

Ion Ratio Lower Upper

97 100

99 64.7 51.8 77.6

61 41.8 33.4 50.2



#30

Cyclohexane

Concen: 5.258 ug/L

RT: 5.382 min Scan# 1257

Delta R.T. 0.000 min

Lab File: VU054158.D

Acq: 18 May 2023 10:32

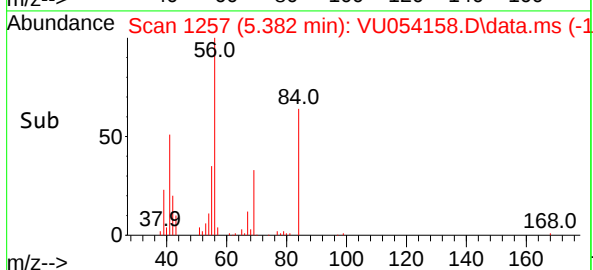
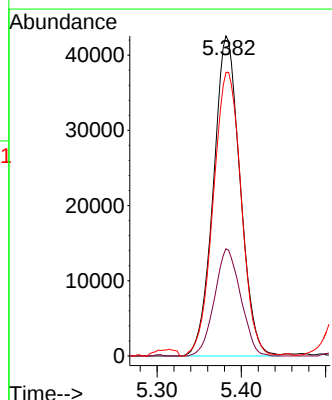
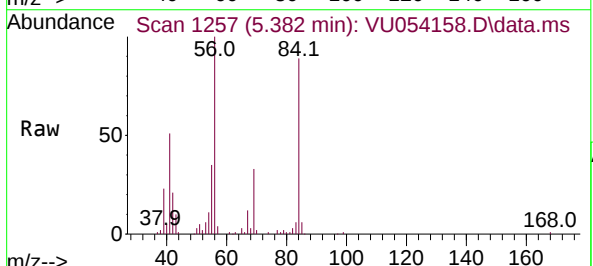
Tgt Ion: 56 Resp: 93413

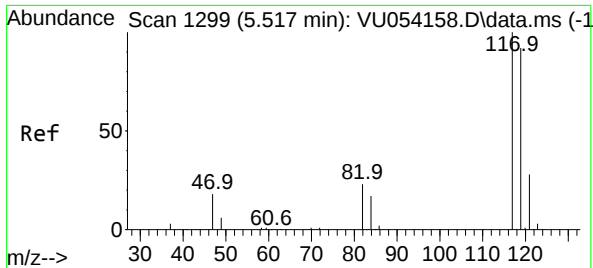
Ion Ratio Lower Upper

56 100

69 32.8 26.2 39.4

84 92.8 74.2 111.4

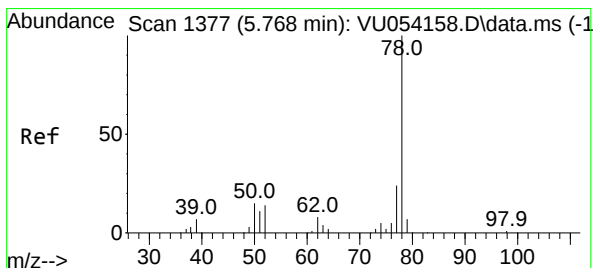
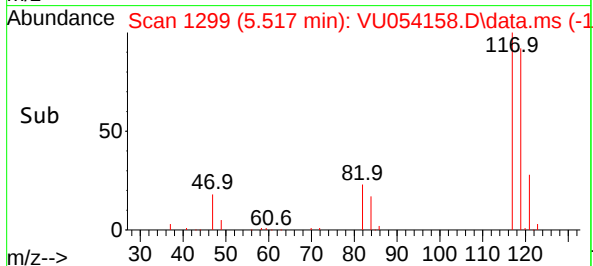
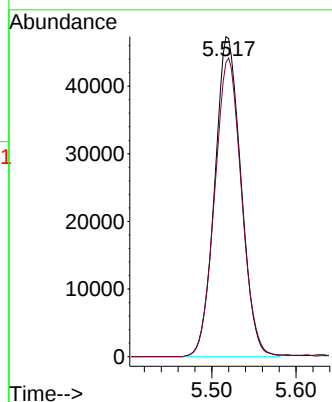
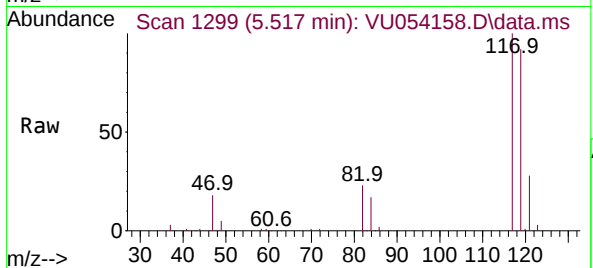




#31
Carbon tetrachloride
Concen: 5.809 ug/L
RT: 5.517 min Scan# 1299
Delta R.T. 0.000 min
Lab File: VU054158.D
Acq: 18 May 2023 10:32

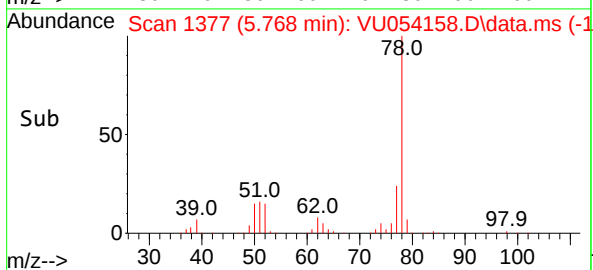
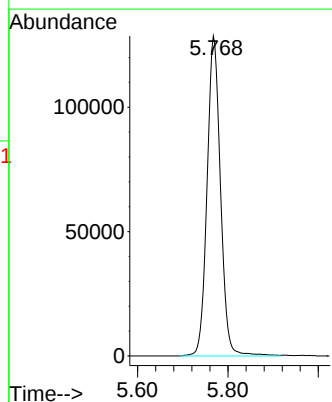
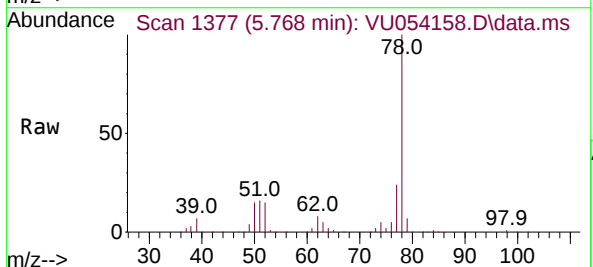
Instrument :
MSVOA_U
ClientSampleId :
VSTD005027

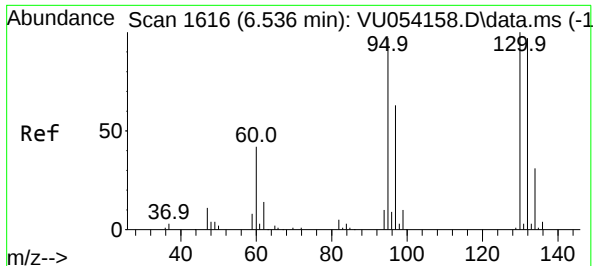
Tgt Ion:117 Resp: 102053
Ion Ratio Lower Upper
117 100
119 95.7 76.6 114.8



#33
Benzene
Concen: 5.356 ug/L
RT: 5.768 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VU054158.D
Acq: 18 May 2023 10:32

Tgt Ion: 78 Resp: 266390





#34

Trichloroethene

Concen: 5.226 ug/L

RT: 6.536 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU054158.D

Acq: 18 May 2023 10:32

Instrument :

MSVOA_U

ClientSampleId :

VSTD005027

Tgt Ion: 95 Resp: 70555

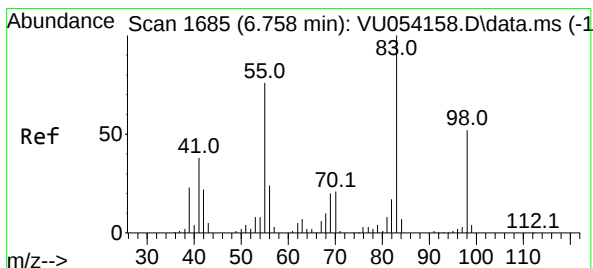
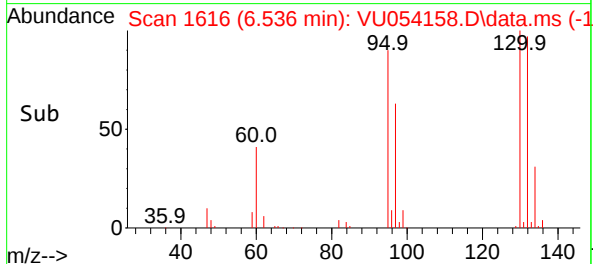
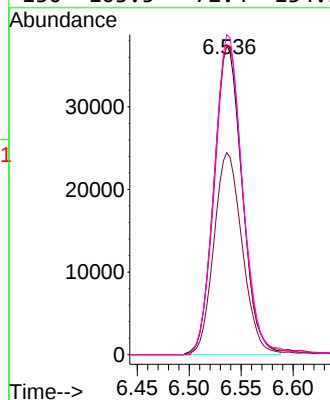
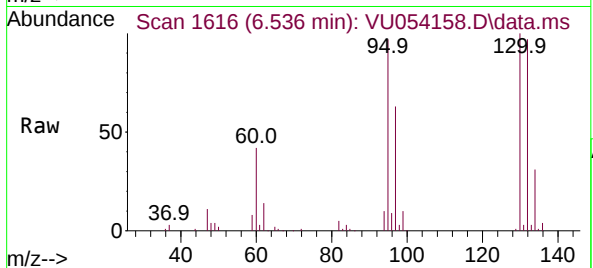
Ion Ratio Lower Upper

95 100

97 65.4 45.8 85.0

132 100.2 70.1 130.3

130 103.5 72.4 134.5



#35

Methylcyclohexane

Concen: 4.930 ug/L

RT: 6.758 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VU054158.D

Acq: 18 May 2023 10:32

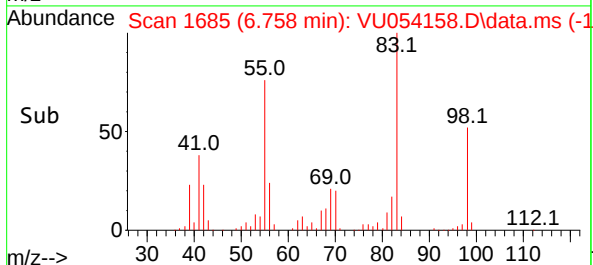
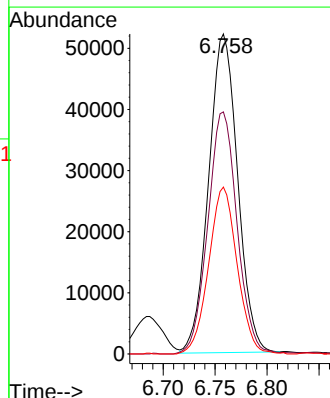
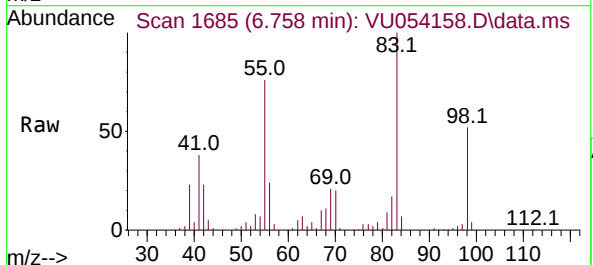
Tgt Ion: 83 Resp: 101016

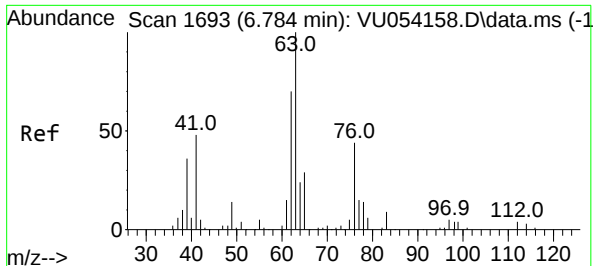
Ion Ratio Lower Upper

83 100

55 77.0 61.6 92.4

98 51.6 41.3 61.9

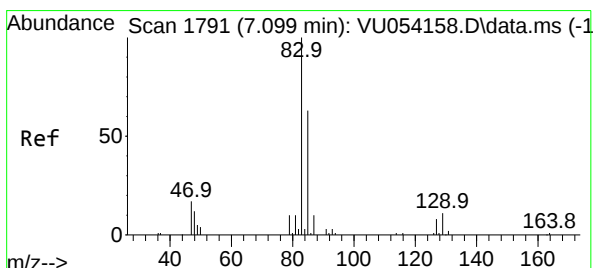
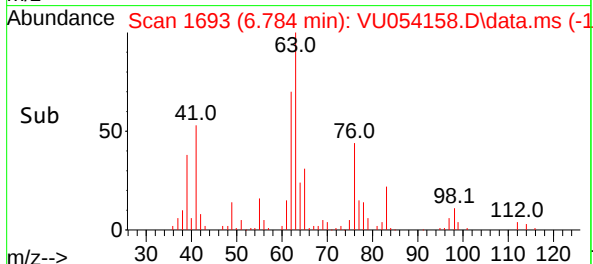
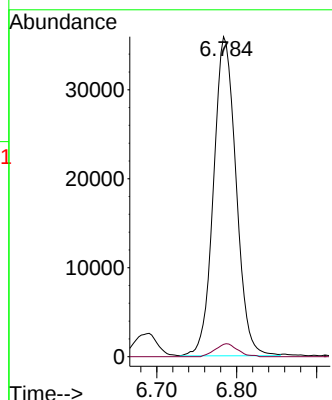
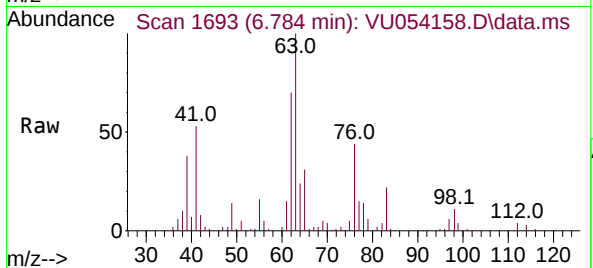




#37
1,2-Dichloropropane
Concen: 5.619 ug/L
RT: 6.784 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VU054158.D
Acq: 18 May 2023 10:32

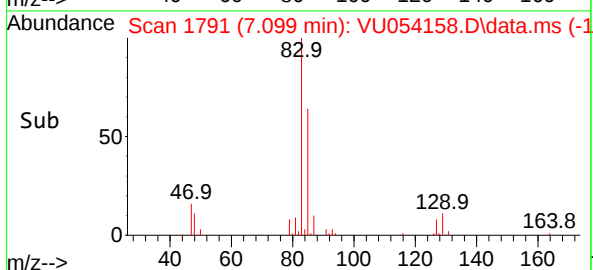
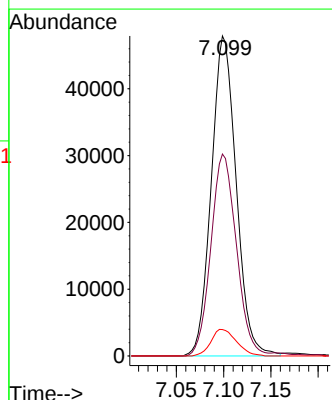
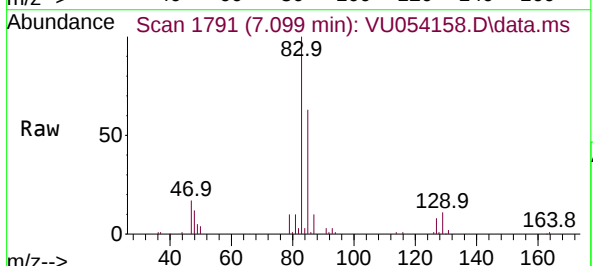
Instrument :
MSVOA_U
ClientSampleId :
VSTD005027

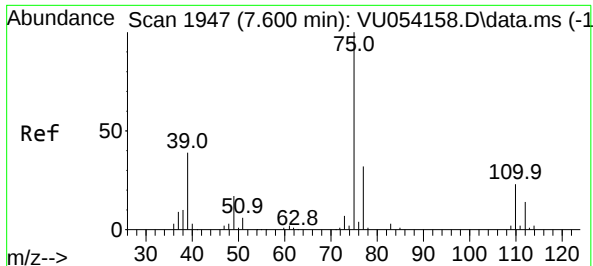
Tgt Ion: 63 Resp: 70118
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9



#38
Bromodichloromethane
Concen: 5.597 ug/L
RT: 7.099 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VU054158.D
Acq: 18 May 2023 10:32

Tgt Ion: 83 Resp: 87711
Ion Ratio Lower Upper
83 100
85 63.1 44.2 82.0
127 8.2 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 5.505 ug/L

RT: 7.600 min Scan# 1947

Delta R.T. 0.000 min

Lab File: VU054158.D

Acq: 18 May 2023 10:32

Instrument :

MSVOA_U

ClientSampleId :

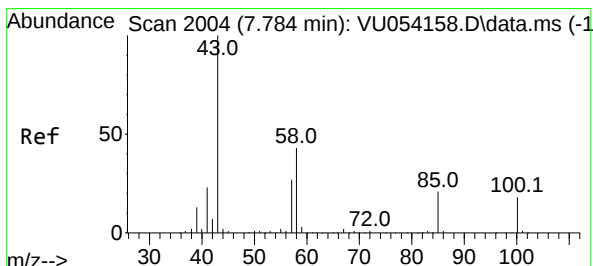
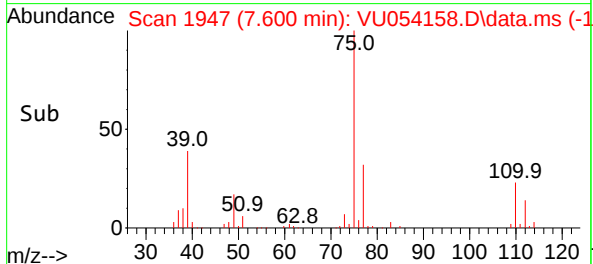
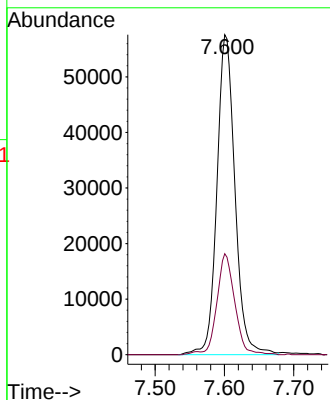
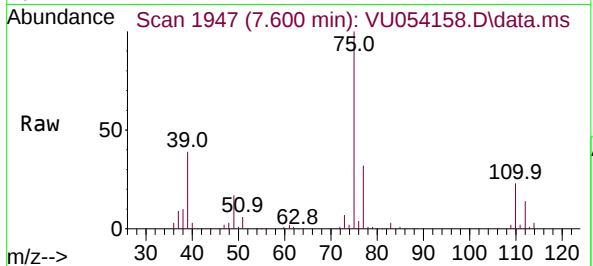
VSTD005027

Tgt Ion: 75 Resp: 104288

Ion Ratio Lower Upper

75 100

77 31.6 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 62.368 ug/L

RT: 7.784 min Scan# 2004

Delta R.T. 0.000 min

Lab File: VU054158.D

Acq: 18 May 2023 10:32

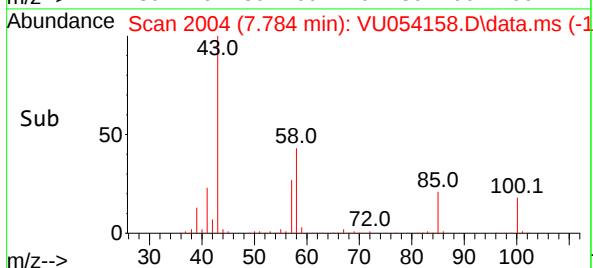
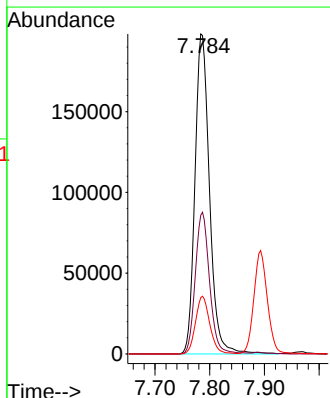
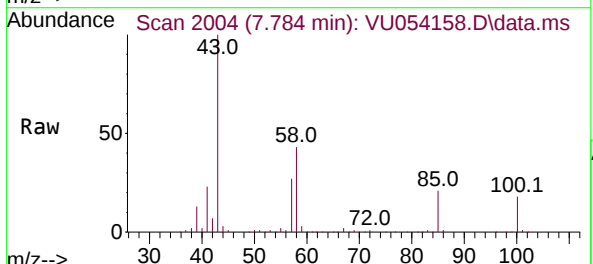
Tgt Ion: 43 Resp: 365987

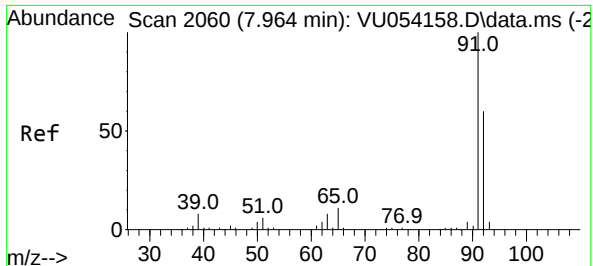
Ion Ratio Lower Upper

43 100

58 43.5 34.8 52.2

100 17.6 14.1 21.1





#42

Toluene

Concen: 5.445 ug/L

RT: 7.964 min Scan# 2060

Delta R.T. 0.000 min

Lab File: VU054158.D

Acq: 18 May 2023 10:32

Instrument :

MSVOA_U

ClientSampleId :

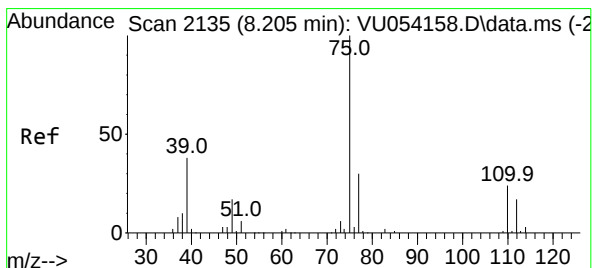
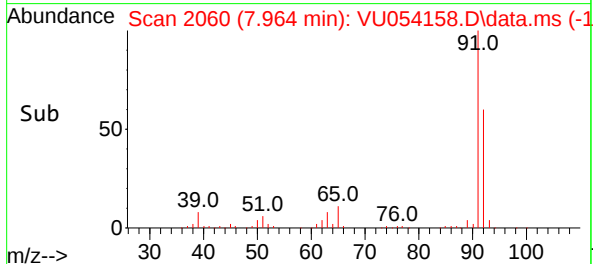
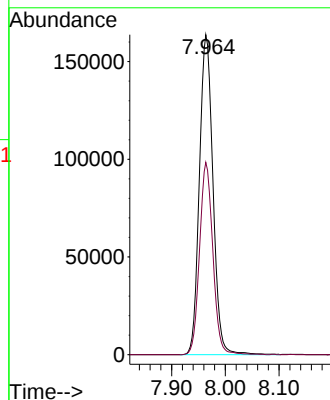
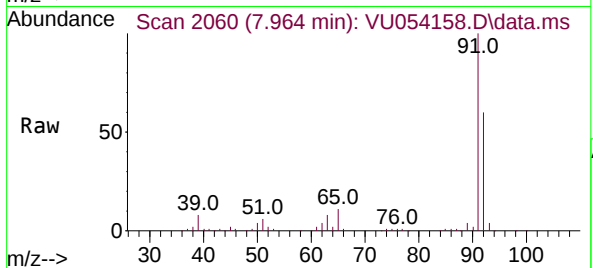
VSTD005027

Tgt Ion: 91 Resp: 287458

Ion Ratio Lower Upper

91 100

92 60.1 42.1 78.1



#44

trans-1,3-Dichloropropene

Concen: 5.627 ug/L

RT: 8.205 min Scan# 2135

Delta R.T. 0.000 min

Lab File: VU054158.D

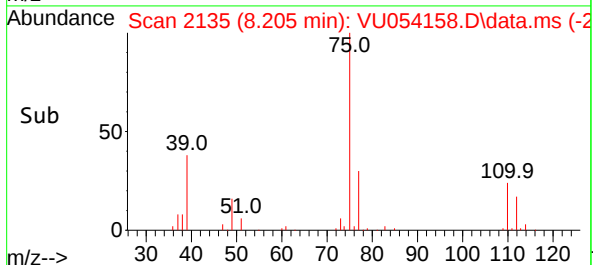
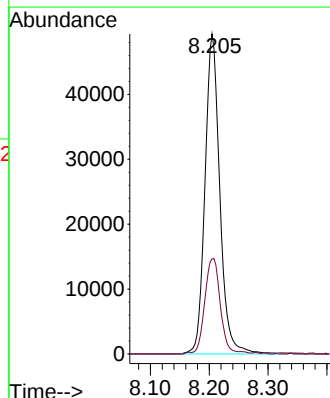
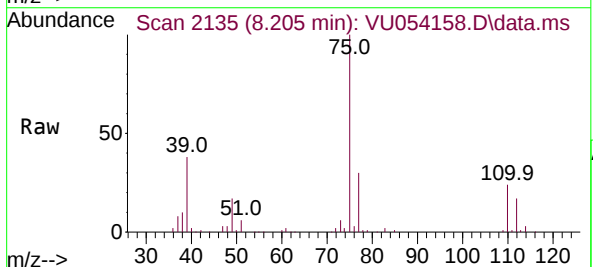
Acq: 18 May 2023 10:32

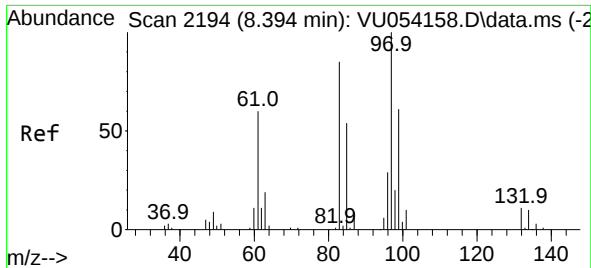
Tgt Ion: 75 Resp: 86304

Ion Ratio Lower Upper

75 100

77 29.7 20.8 38.6

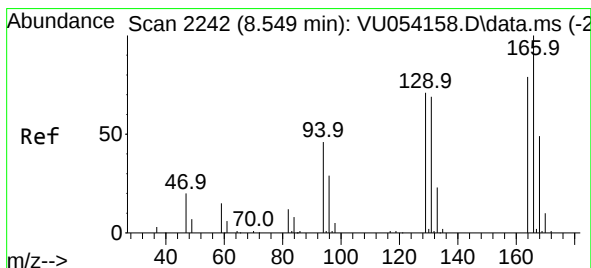
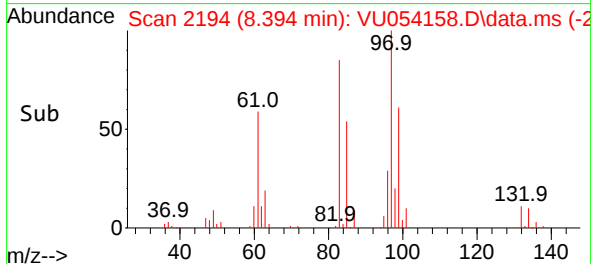
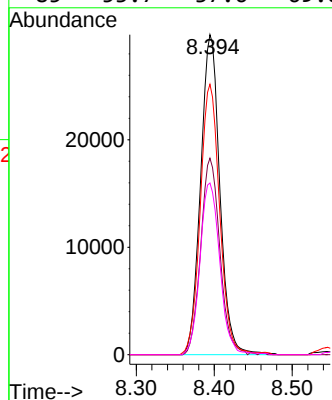
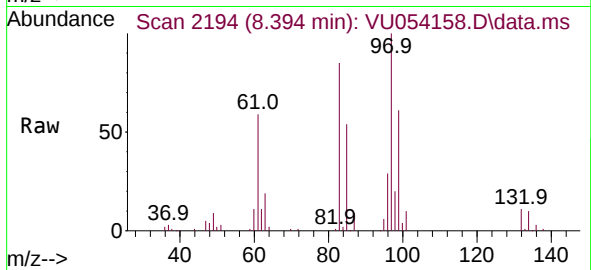




#45
1,1,2-Trichloroethane
Concen: 5.517 ug/L
RT: 8.394 min Scan# 2194
Delta R.T. 0.000 min
Lab File: VU054158.D
Acq: 18 May 2023 10:32

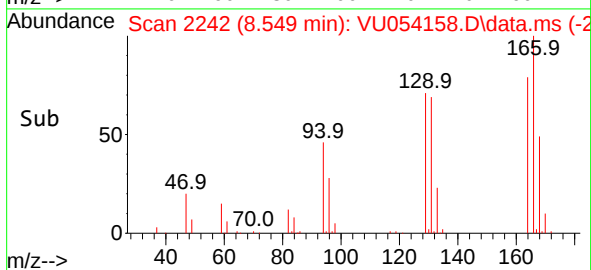
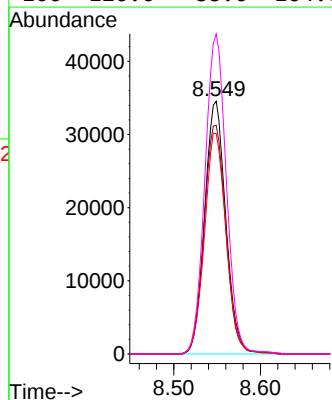
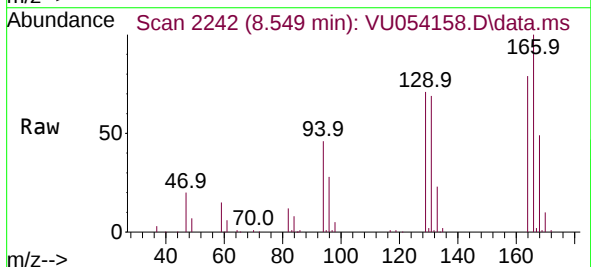
Instrument :
MSVOA_U
ClientSampleId :
VSTD005027

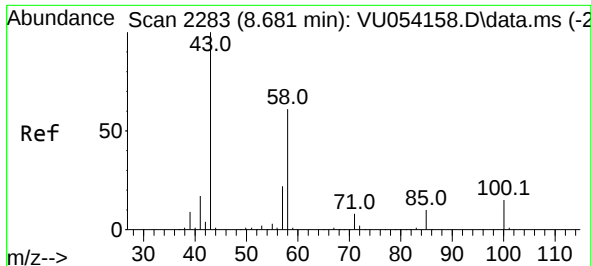
Tgt Ion:	97	Resp:	51109
Ion	Ratio	Lower	Upper
97	100		
99	61.4	43.0	79.8
83	84.5	59.1	109.9
85	53.7	37.6	69.8



#47
Tetrachloroethene
Concen: 5.445 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU054158.D
Acq: 18 May 2023 10:32

Tgt Ion:	164	Resp:	58804
Ion	Ratio	Lower	Upper
164	100		
129	90.5	63.3	117.7
131	87.2	61.0	113.4
166	126.6	88.6	164.6



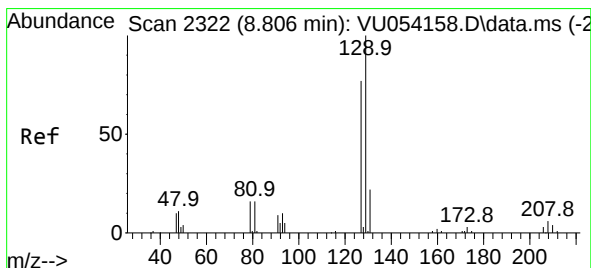
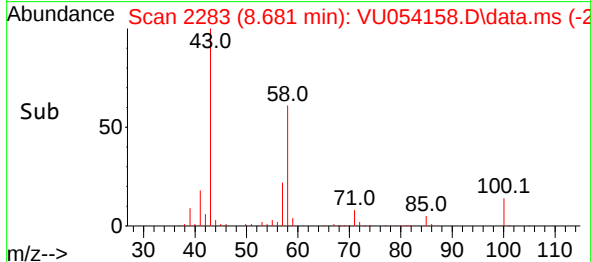
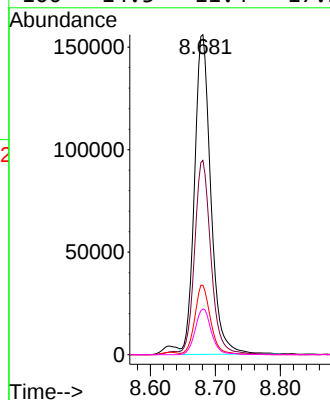
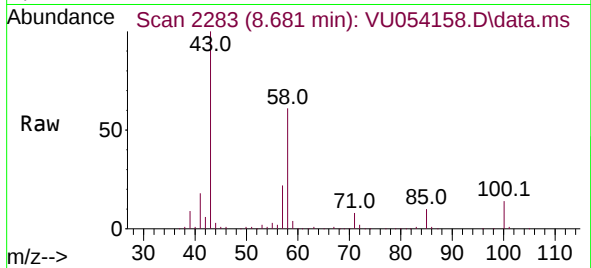


#48
2-Hexanone
Concen: 60.910 ug/L
RT: 8.681 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054158.D
Acq: 18 May 2023 10:32

Instrument :
MSVOA_U
ClientSampleId :
VSTD005027

Tgt Ion: 43 Resp: 272845

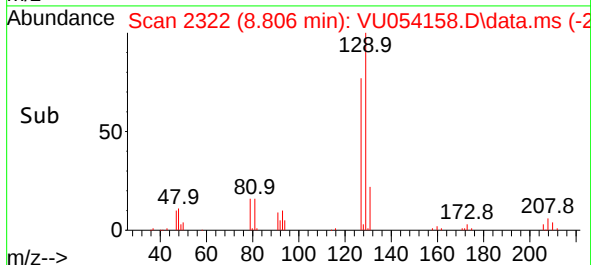
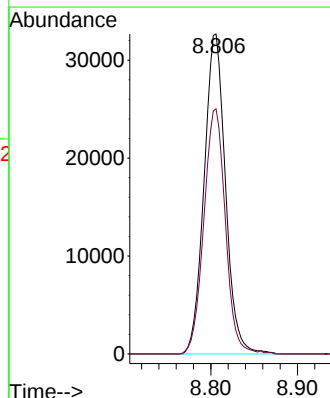
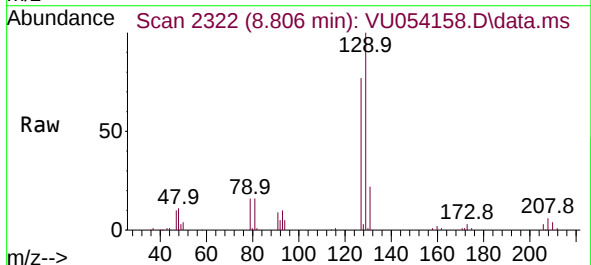
Ion	Ratio	Lower	Upper
43	100		
58	60.7	48.6	72.8
57	20.9	16.7	25.1
100	14.3	11.4	17.2

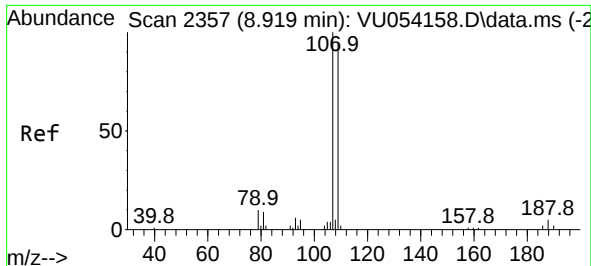


#49
Dibromochloromethane
Concen: 5.633 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VU054158.D
Acq: 18 May 2023 10:32

Tgt Ion: 129 Resp: 56020

Ion	Ratio	Lower	Upper
129	100		
127	76.6	53.6	99.6

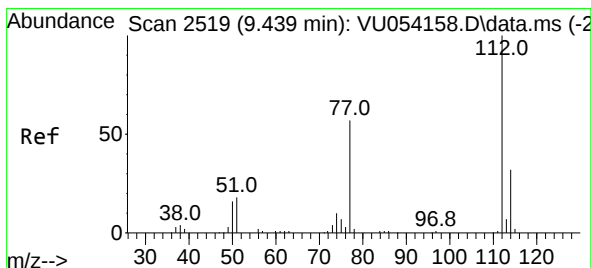
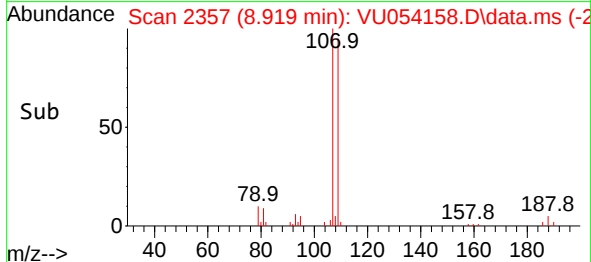
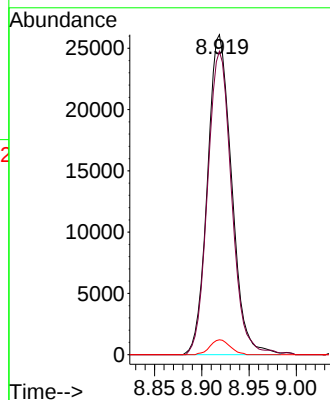
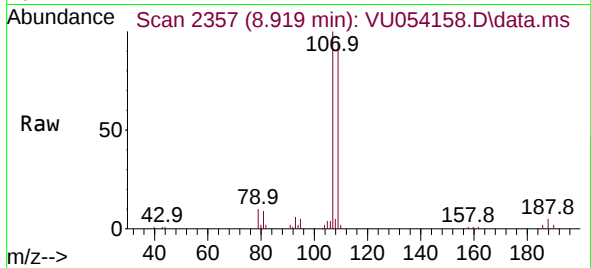




#50
1,2-Dibromoethane
Concen: 5.413 ug/L
RT: 8.919 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054158.D
Acq: 18 May 2023 10:32

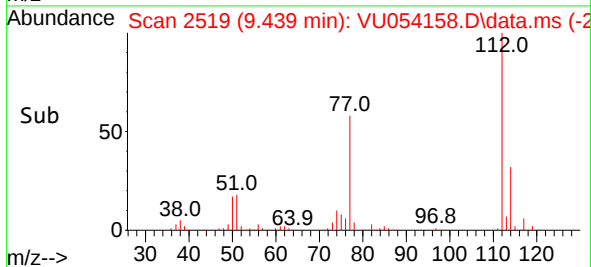
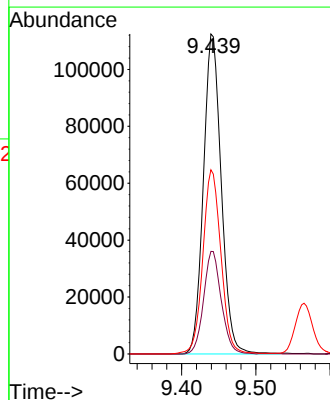
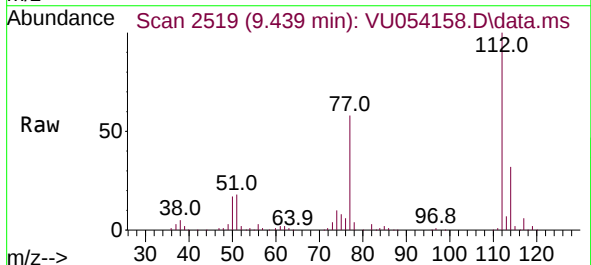
Instrument :
MSVOA_U
ClientSampleId :
VSTD005027

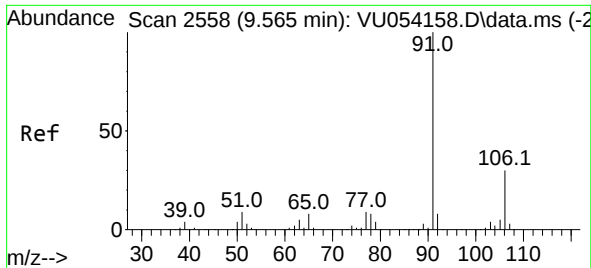
Tgt Ion:107 Resp: 46503
Ion Ratio Lower Upper
107 100
109 94.8 66.4 123.2
188 4.7 3.8 5.6



#51
Chlorobenzene
Concen: 5.225 ug/L
RT: 9.439 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VU054158.D
Acq: 18 May 2023 10:32

Tgt Ion:112 Resp: 187919
Ion Ratio Lower Upper
112 100
114 32.0 22.4 41.6
77 57.6 46.1 69.1

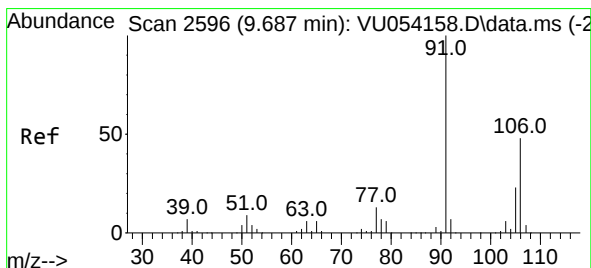
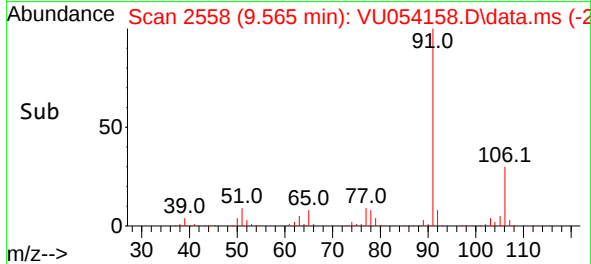
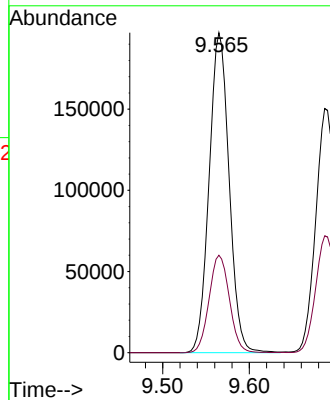
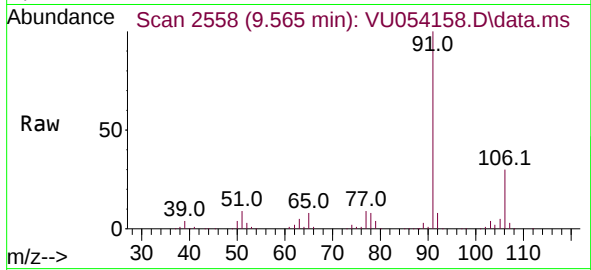




#52
Ethylbenzene
Concen: 5.406 ug/L
RT: 9.565 min Scan# 2558
Delta R.T. 0.000 min
Lab File: VU054158.D
Acq: 18 May 2023 10:32

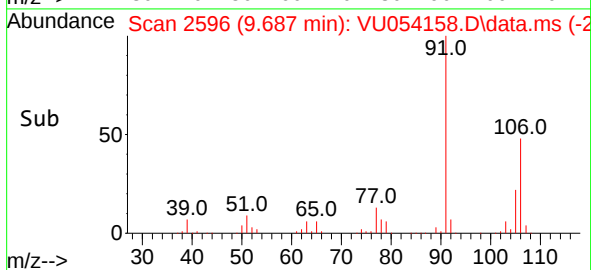
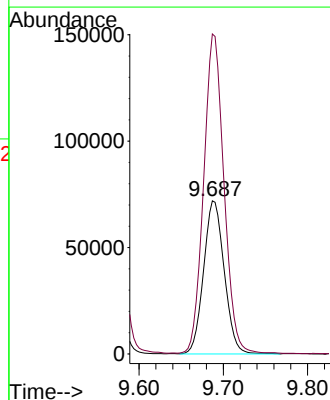
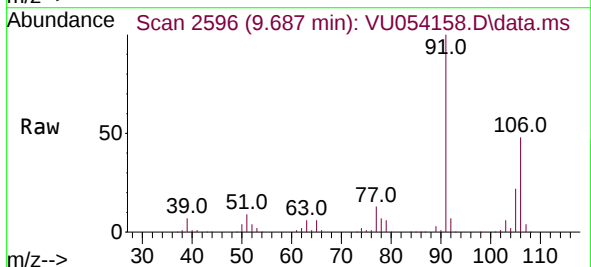
Instrument :
MSVOA_U
ClientSampleId :
VSTD005027

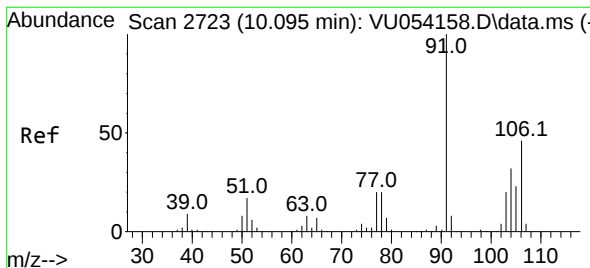
Tgt Ion: 91 Resp: 315737
Ion Ratio Lower Upper
91 100
106 30.4 21.3 39.5



#53
m,p-Xylene
Concen: 5.502 ug/L
RT: 9.687 min Scan# 2596
Delta R.T. 0.000 min
Lab File: VU054158.D
Acq: 18 May 2023 10:32

Tgt Ion: 106 Resp: 122906
Ion Ratio Lower Upper
106 100
91 209.0 146.3 271.7





#54

o-Xylene

Concen: 5.502 ug/L

RT: 10.095 min Scan# 2723

Delta R.T. 0.000 min

Lab File: VU054158.D

Acq: 18 May 2023 10:32

Instrument :

MSVOA_U

ClientSampleId :

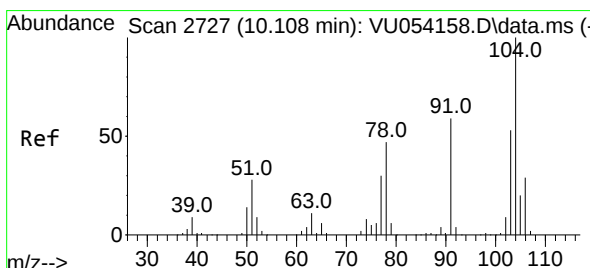
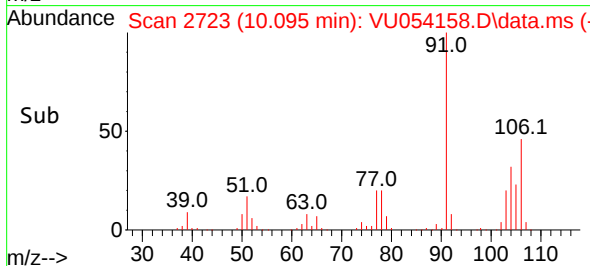
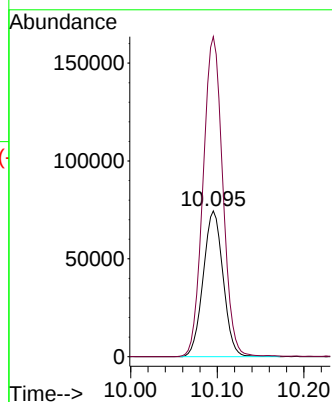
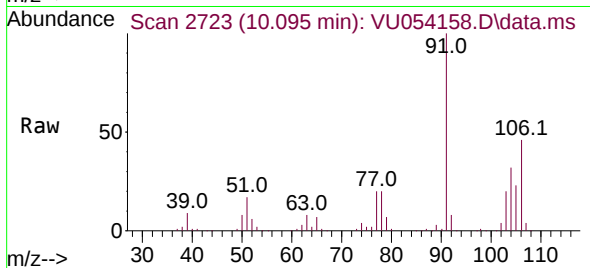
VSTD005027

Tgt Ion:106 Resp: 118816

Ion Ratio Lower Upper

106 100

91 219.5 153.6 285.3



#55

Styrene

Concen: 5.568 ug/L

RT: 10.108 min Scan# 2727

Delta R.T. 0.000 min

Lab File: VU054158.D

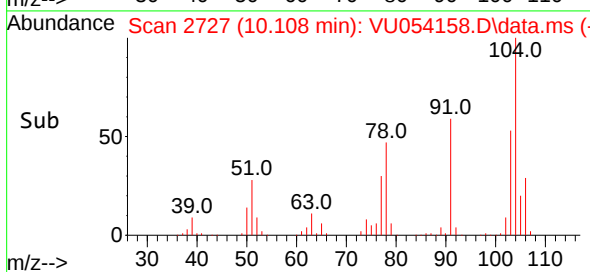
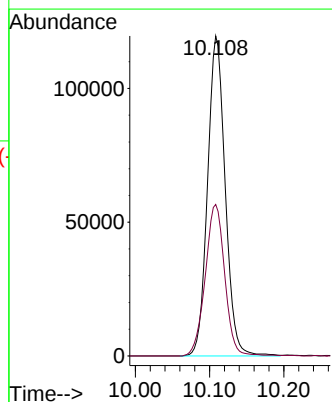
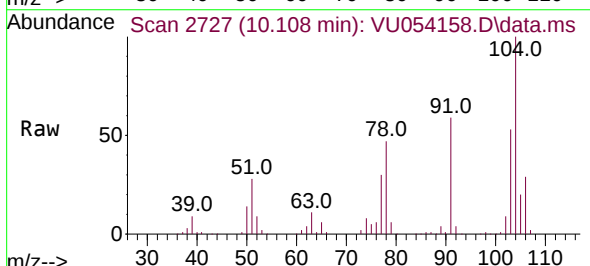
Acq: 18 May 2023 10:32

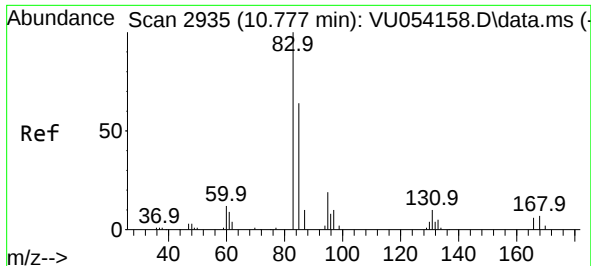
Tgt Ion:104 Resp: 197276

Ion Ratio Lower Upper

104 100

78 47.3 33.1 61.5

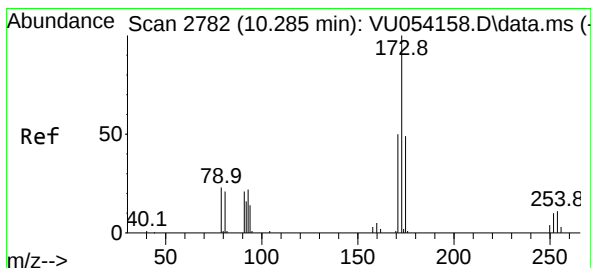
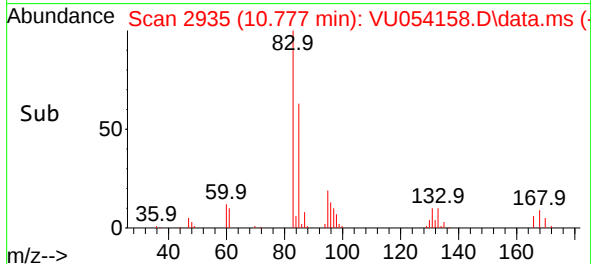
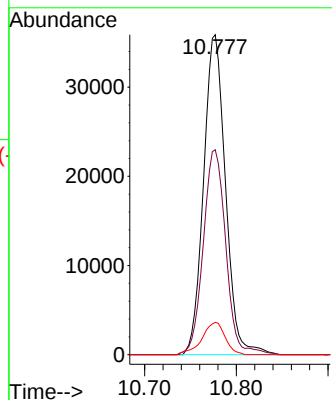
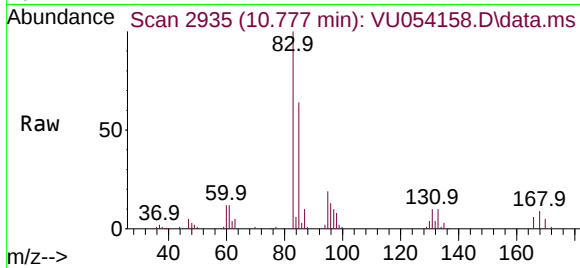




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.350 ug/L
 RT: 10.777 min Scan# 2935
 Delta R.T. 0.000 min
 Lab File: VU054158.D
 Acq: 18 May 2023 10:32

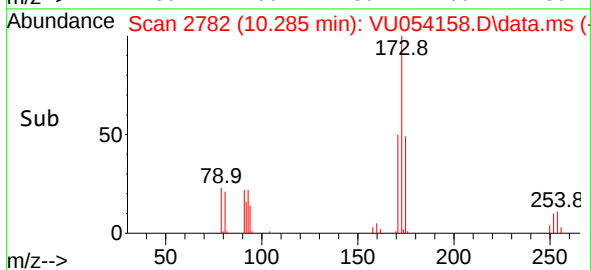
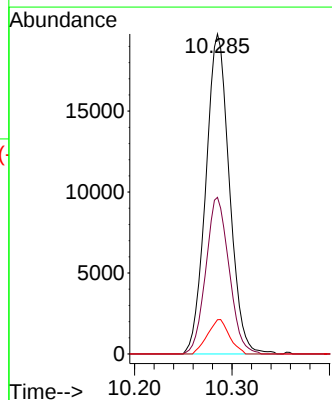
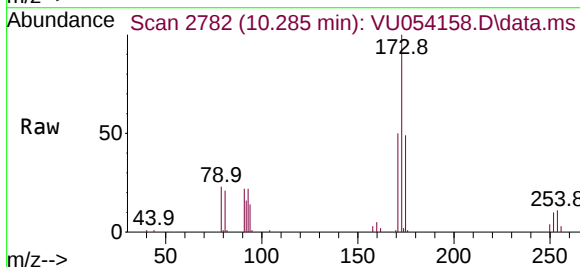
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005027

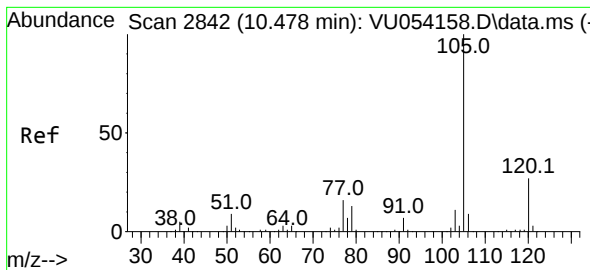
Tgt Ion: 83 Resp: 59785
 Ion Ratio Lower Upper
 83 100
 85 64.0 44.8 83.2
 131 10.1 8.1 12.1



#59
 Bromoform
 Concen: 5.651 ug/L
 RT: 10.285 min Scan# 2782
 Delta R.T. 0.000 min
 Lab File: VU054158.D
 Acq: 18 May 2023 10:32

Tgt Ion: 173 Resp: 33134
 Ion Ratio Lower Upper
 173 100
 175 48.3 38.6 58.0
 254 9.9 7.9 11.9





#60

Isopropylbenzene

Concen: 5.328 ug/L

RT: 10.478 min Scan# 2842

Delta R.T. 0.000 min

Lab File: VU054158.D

Acq: 18 May 2023 10:32

Instrument :

MSVOA_U

ClientSampleId :

VSTD005027

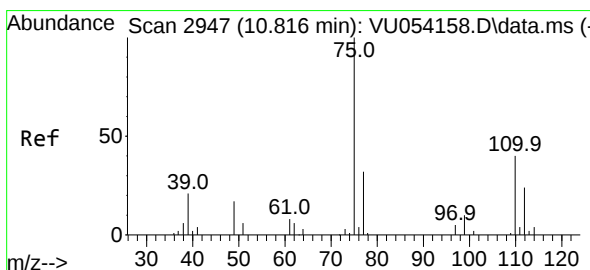
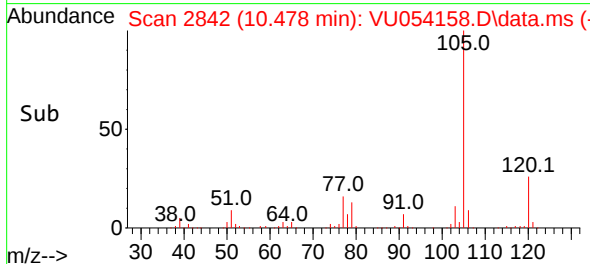
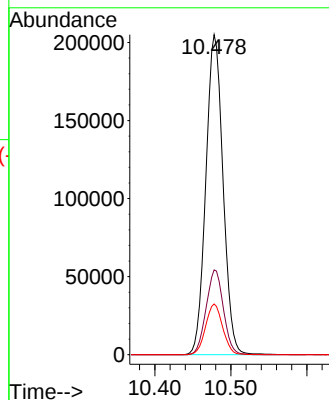
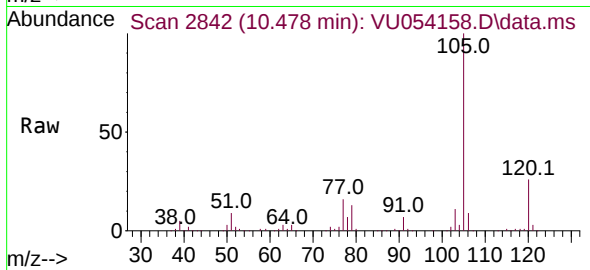
Tgt Ion:105 Resp: 322036

Ion Ratio Lower Upper

105 100

120 26.6 21.3 31.9

77 15.7 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 5.377 ug/L

RT: 10.816 min Scan# 2947

Delta R.T. 0.000 min

Lab File: VU054158.D

Acq: 18 May 2023 10:32

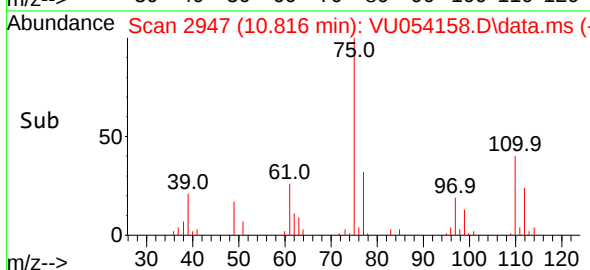
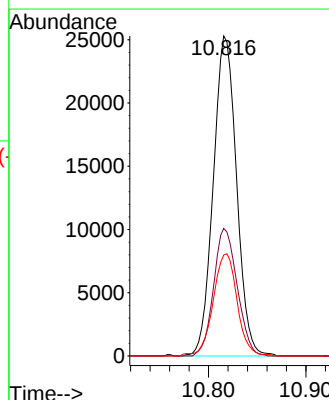
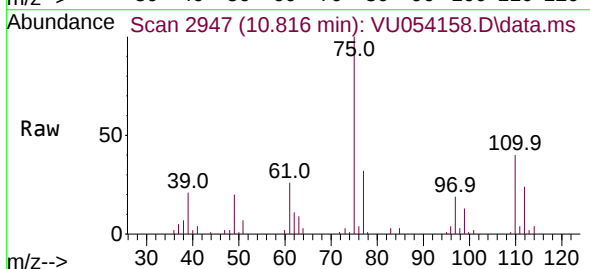
Tgt Ion: 75 Resp: 41977

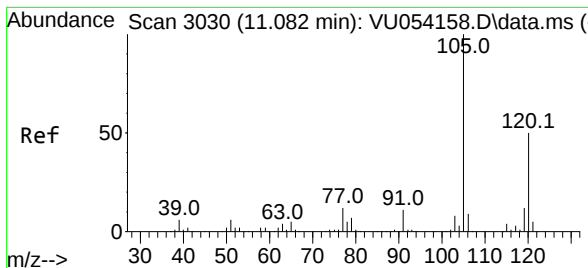
Ion Ratio Lower Upper

75 100

110 40.4 32.3 48.5

77 32.9 26.3 39.5





#62

1,3,5-Trimethylbenzene

Concen: 5.353 ug/L

RT: 11.082 min Scan# 3030

Delta R.T. 0.000 min

Lab File: VU054158.D

Acq: 18 May 2023 10:32

Instrument :

MSVOA_U

ClientSampleId :

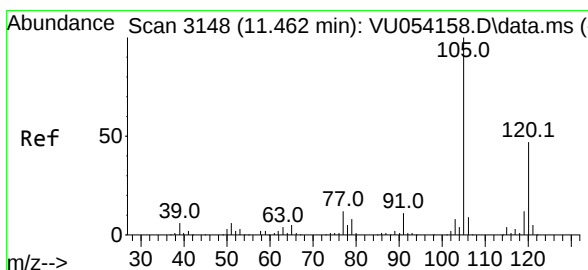
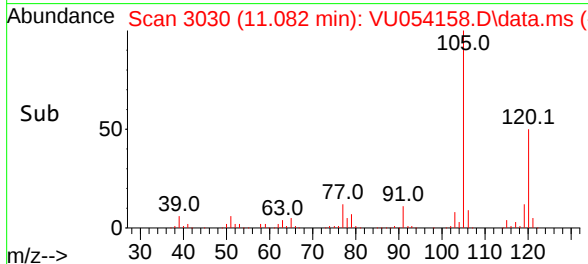
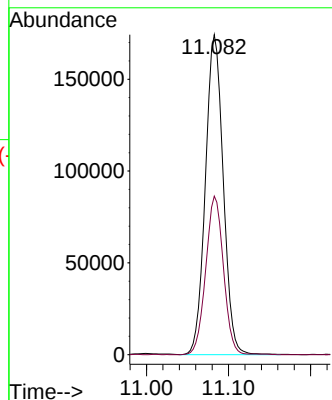
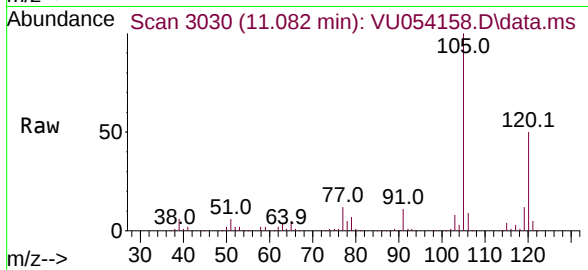
VSTD005027

Tgt Ion:105 Resp: 263942

Ion Ratio Lower Upper

105 100

120 49.2 39.4 59.0



#63

1,2,4-Trimethylbenzene

Concen: 5.306 ug/L

RT: 11.462 min Scan# 3148

Delta R.T. 0.000 min

Lab File: VU054158.D

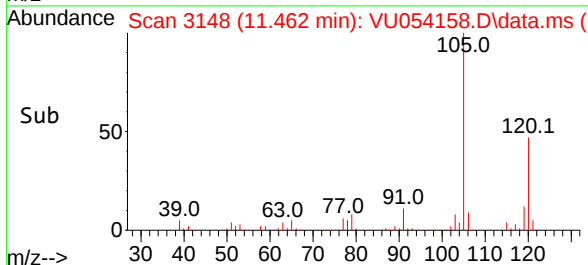
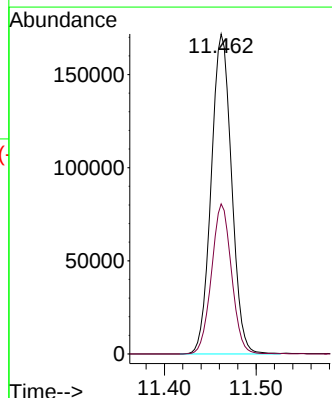
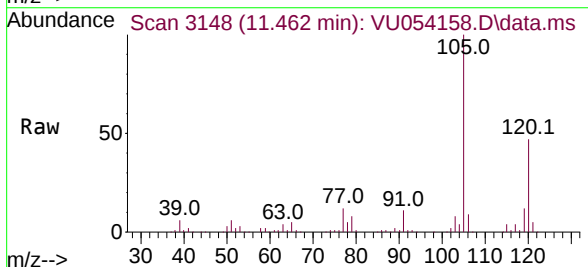
Acq: 18 May 2023 10:32

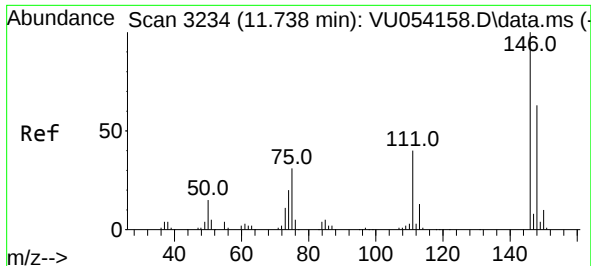
Tgt Ion:105 Resp: 264764

Ion Ratio Lower Upper

105 100

120 46.1 36.9 55.3

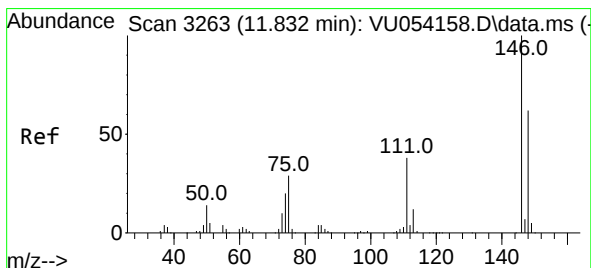
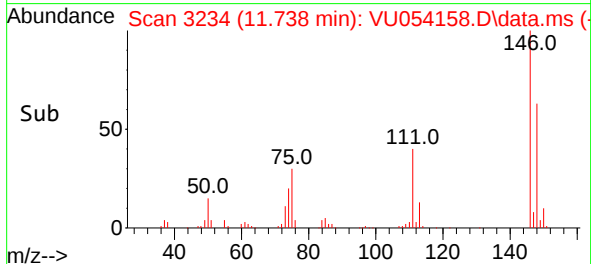
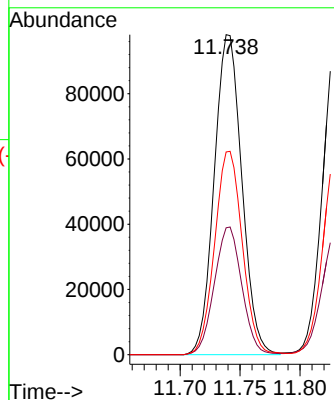
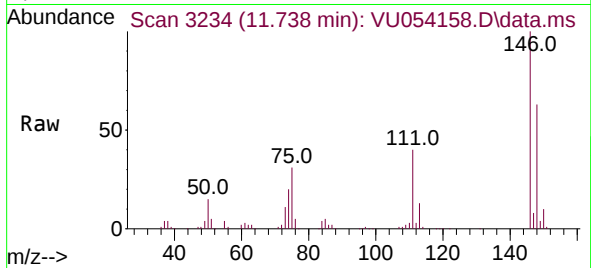




#64
1,3-Dichlorobenzene
Concen: 5.190 ug/L
RT: 11.738 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU054158.D
Acq: 18 May 2023 10:32

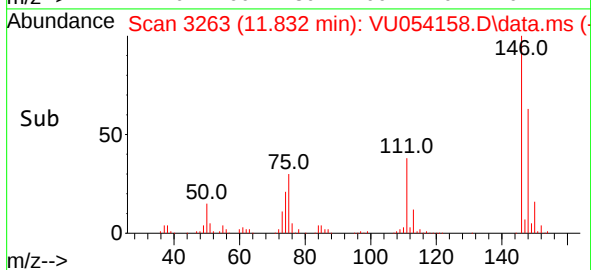
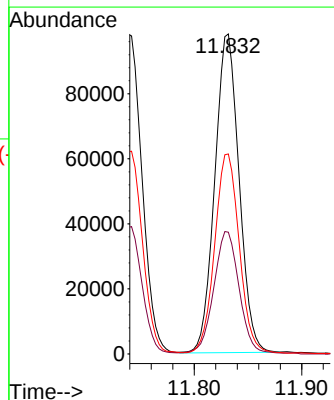
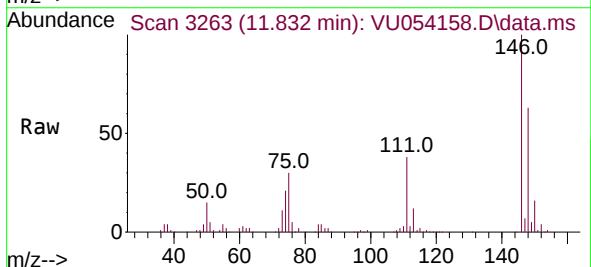
Instrument :
MSVOA_U
ClientSampleId :
VSTD005027

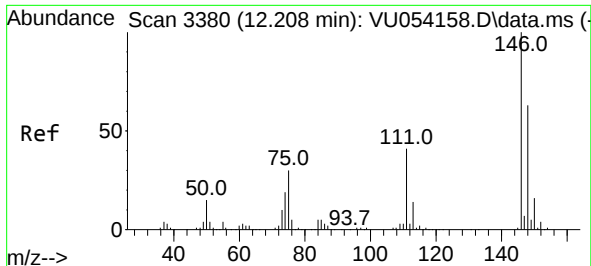
Tgt Ion:146 Resp: 156885
Ion Ratio Lower Upper
146 100
111 39.7 27.8 51.6
148 63.4 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 5.033 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU054158.D
Acq: 18 May 2023 10:32

Tgt Ion:146 Resp: 153830
Ion Ratio Lower Upper
146 100
111 38.0 26.6 49.4
148 62.5 43.8 81.3

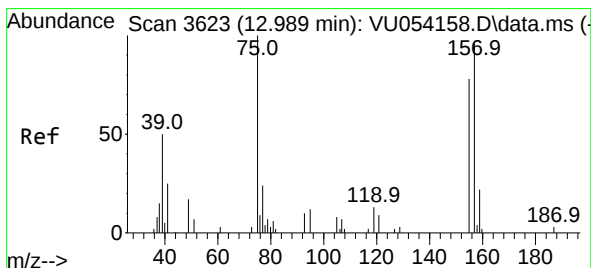
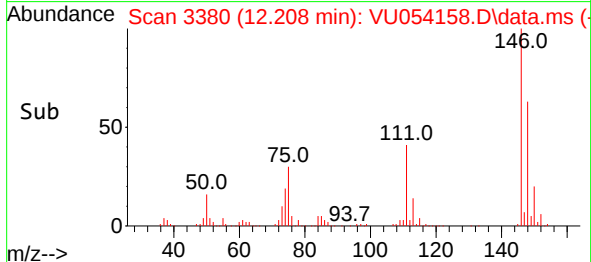
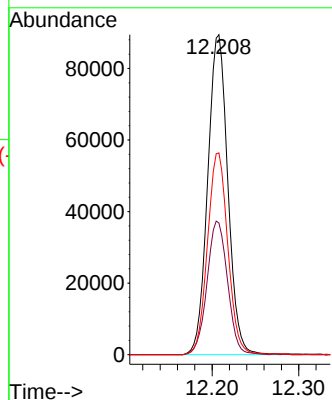
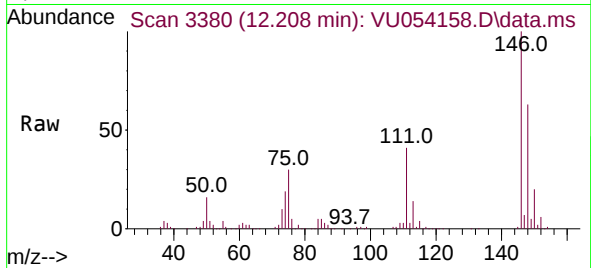




#67
1,2-Dichlorobenzene
Concen: 5.143 ug/L
RT: 12.208 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VU054158.D
Acq: 18 May 2023 10:32

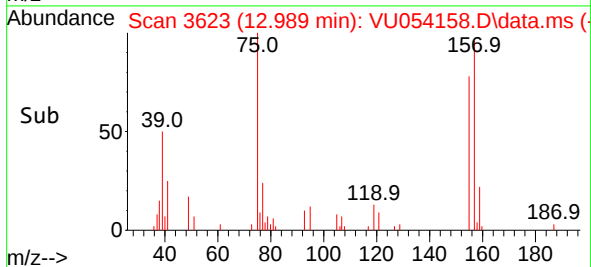
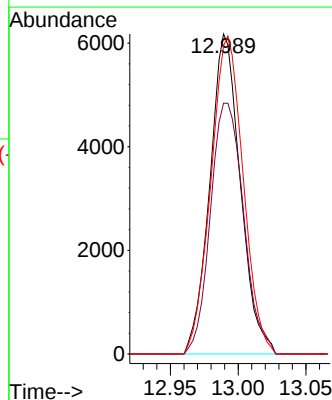
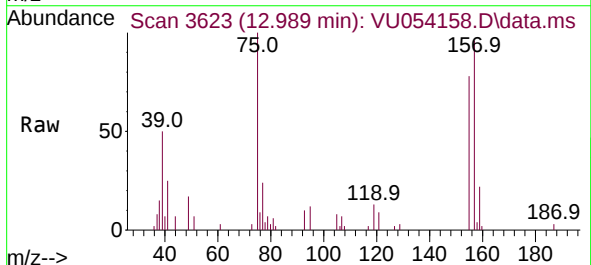
Instrument :
MSVOA_U
ClientSampleId :
VSTD005027

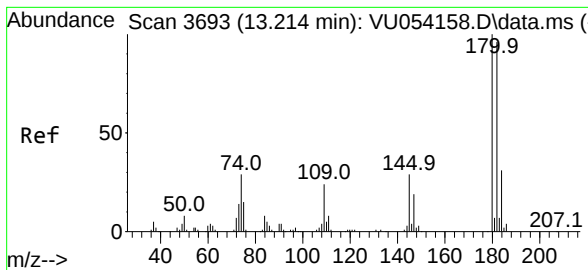
Tgt Ion:146 Resp: 144466
Ion Ratio Lower Upper
146 100
111 41.2 33.0 49.4
148 63.1 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 5.911 ug/L
RT: 12.989 min Scan# 3623
Delta R.T. 0.000 min
Lab File: VU054158.D
Acq: 18 May 2023 10:32

Tgt Ion: 75 Resp: 9666
Ion Ratio Lower Upper
75 100
155 78.4 62.7 94.1
157 96.2 77.0 115.4



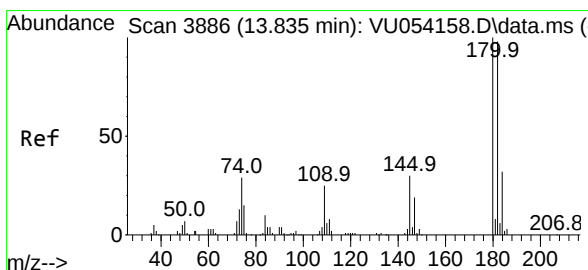
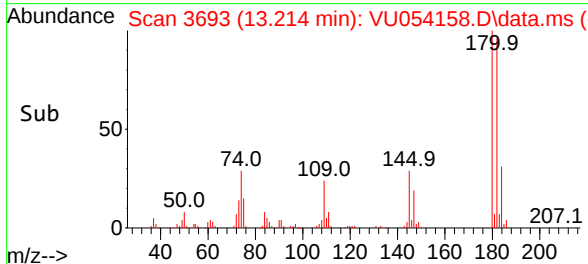
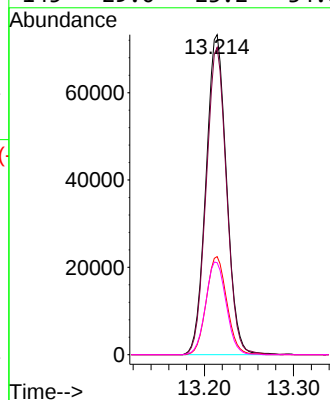
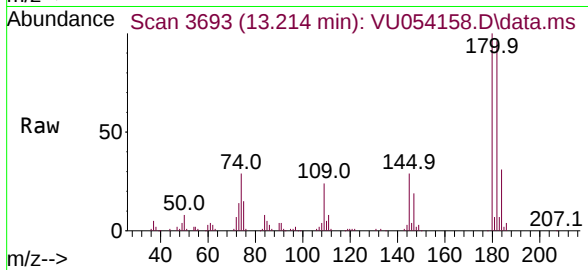


#69
 1,3,5-Trichlorobenzene
 Concen: 5.335 ug/L
 RT: 13.214 min Scan# 3693
 Delta R.T. 0.000 min
 Lab File: VU054158.D
 Acq: 18 May 2023 10:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005027

Tgt Ion:180 Resp: 117322

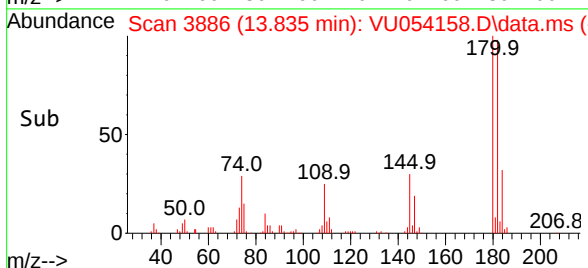
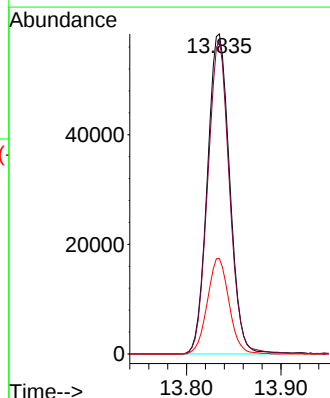
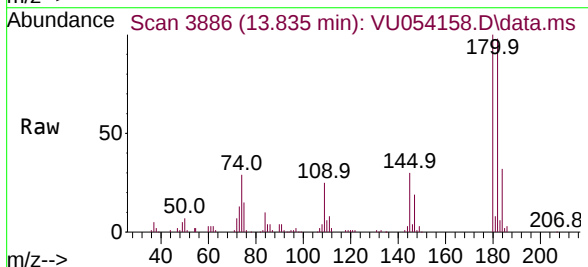
Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.1	114.1
184	30.6	24.5	36.7
145	29.0	23.2	34.8

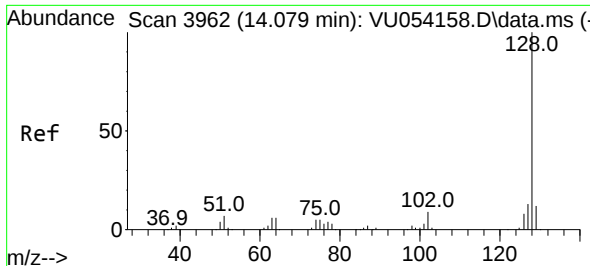


#70
 1,2,4-trichlorobenzene
 Concen: 4.782 ug/L
 RT: 13.835 min Scan# 3886
 Delta R.T. 0.000 min
 Lab File: VU054158.D
 Acq: 18 May 2023 10:32

Tgt Ion:180 Resp: 95637

Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.4	114.6
145	29.1	23.3	34.9

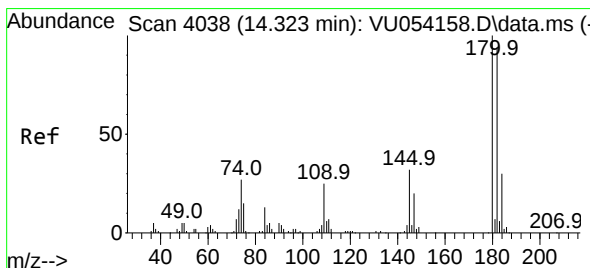
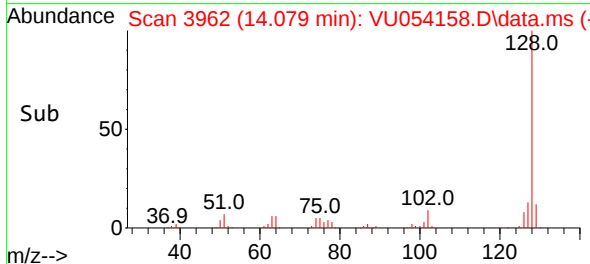
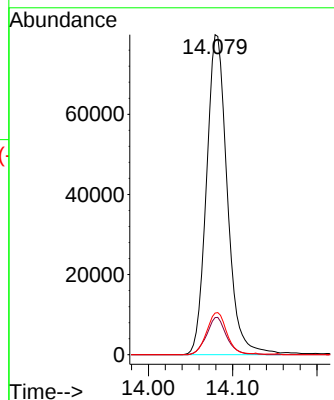
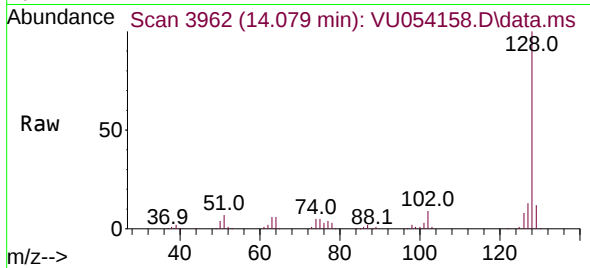




#71
Naphthalene
Concen: 3.976 ug/L
RT: 14.079 min Scan# 3962
Delta R.T. 0.000 min
Lab File: VU054158.D
Acq: 18 May 2023 10:32

Instrument :
MSVOA_U
ClientSampleId :
VSTD005027

Tgt Ion:128 Resp: 137081
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 12.8 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.677 ug/L
RT: 14.323 min Scan# 4038
Delta R.T. 0.000 min
Lab File: VU054158.D
Acq: 18 May 2023 10:32

Tgt Ion:180 Resp: 83640
Ion Ratio Lower Upper
180 100
182 95.5 76.4 114.6
145 31.4 25.1 37.7

