

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082922\
 Data File : VU050512.D
 Acq On : 30 Aug 2022 02:37
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 30 05:33:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 30 05:29:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	359788	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	353313	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	159726	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	143624	33.760	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.520%
7) Chloroethane-d5	1.900	69	131505	41.775	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.560%
11) 1,1-Dichloroethene-d2	2.562	63	225115	37.443	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.880%
21) 2-Butanone-d5	4.626	46	299771	107.654	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.650%
24) Chloroform-d	5.063	84	308237	45.135	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.280%
26) 1,2-Dichloroethane-d4	5.700	65	199738	47.060	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.120%
32) Benzene-d6	5.726	84	619741	47.473	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.940%
36) 1,2-Dichloropropane-d6	6.690	67	210417	48.654	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.300%
41) Toluene-d8	7.896	98	535055	46.839	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.680%
43) trans-1,3-Dichloroprop...	8.179	79	67083	37.185	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.380%
47) 2-Hexanone-d5	8.636	63	167756	104.524	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.520%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	314677	47.174	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.340%
66) 1,2-Dichlorobenzene-d4	12.192	152	181234	47.499	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	106371	37.823	ug/L	99
3) Chloromethane	1.517	50	146678	44.813	ug/L	99
5) Vinyl chloride	1.601	62	129880	40.580	ug/L	99
6) Bromomethane	1.845	94	53563	45.260	ug/L	96
8) Chloroethane	1.919	64	94818	48.764	ug/L	99
9) Trichlorofluoromethane	2.131	101	159990	39.290	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	96756	38.756	ug/L	98
12) 1,1-Dichloroethene	2.575	96	96083	43.534	ug/L	93
13) Acetone	2.633	43	176476	96.389	ug/L	99
14) Carbon disulfide	2.787	76	130619	23.192	ug/L	99
15) Methyl Acetate	2.951	43	180463	54.785	ug/L	100
16) Methylene chloride	3.041	84	158550	51.545	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	105409	45.432	ug/L	97
18) Methyl tert-butyl Ether	3.366	73	442684	60.284	ug/L	99
19) 1,1-Dichloroethane	3.867	63	257633	51.255	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	144958	52.174	ug/L	98
22) 2-Butanone	4.707	43	278907	112.403	ug/L	99
23) Bromochloromethane	4.973	128	76811	50.618	ug/L	99
25) Chloroform	5.086	83	274909	51.338	ug/L	98

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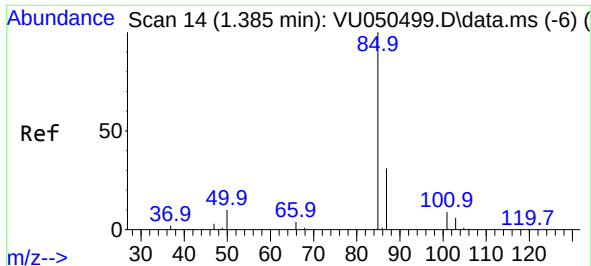
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	213214	53.376	ug/L	99
29) Cyclohexane	5.388	56	139047	42.783	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	177140	43.822	ug/L	100
31) Carbon tetrachloride	5.523	117	122676	36.981	ug/L	98
33) Benzene	5.771	78	584430	54.634	ug/L	100
34) Trichloroethene	6.542	95	121971	48.170	ug/L	98
35) Methylcyclohexane	6.761	83	138715	39.178	ug/L	100
37) 1,2-Dichloropropane	6.790	63	166634	53.628	ug/L	100
38) Bromodichloromethane	7.105	83	167093	42.150	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	184619	45.245	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	507938	123.012	ug/L	100
42) Toluene	7.970	91	590584	54.797	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	168993	44.432	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	166912	54.591	ug/L	100
46) Tetrachloroethene	8.552	164	85125	45.773	ug/L	98
48) 2-Hexanone	8.687	43	421193	122.144	ug/L	99
49) Dibromochloromethane	8.809	129	125178	39.524	ug/L	99
50) 1,2-Dibromoethane	8.922	107	159346	52.150	ug/L	99
51) Chlorobenzene	9.446	112	363828	51.441	ug/L	98
52) Ethylbenzene	9.571	91	559180	51.478	ug/L	100
53) m,p-Xylene	9.693	106	212333	52.344	ug/L	98
54) o-Xylene	10.102	106	223110	55.360	ug/L	99
55) Styrene	10.115	104	386638	56.381	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	295428	52.880	ug/L	100
59) Bromoform	10.292	173	86890	37.988	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	232578	56.505	ug/L	100
61) Isopropylbenzene	10.484	105	520225	52.657	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	434352	54.449	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	432626	55.604	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	248708	51.486	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	243737	50.102	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	274511	54.039	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	44998	41.135	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	164124	49.289	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	136339	51.126	ug/L	99
71) Naphthalene	14.086	128	504467	57.668	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	159201	54.623	ug/L	99

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

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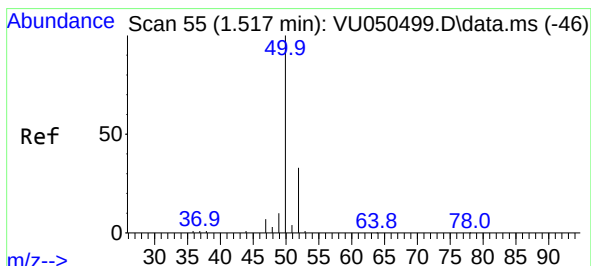
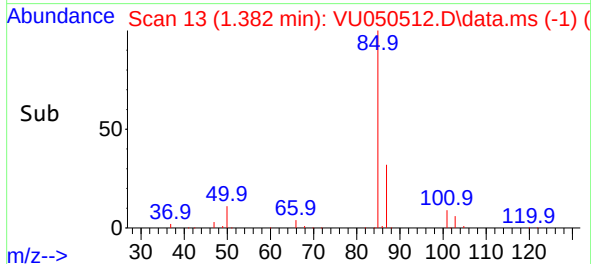
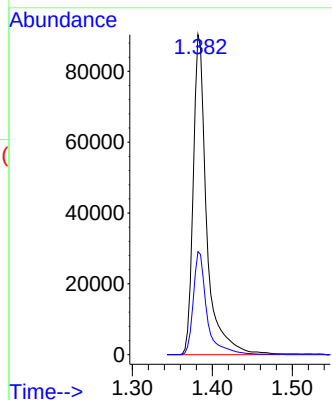
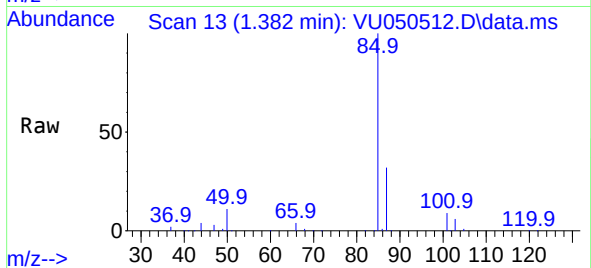




#2
 Dichlorodifluoromethane
 Concen: 37.823 ug/L
 RT: 1.382 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VU050512.D
 Acq: 30 Aug 2022 02:37

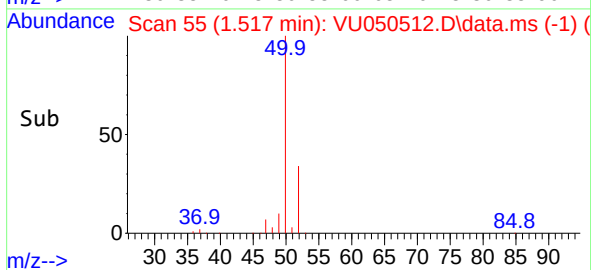
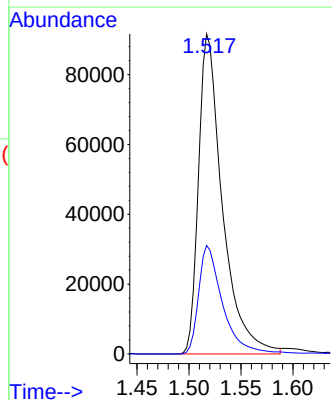
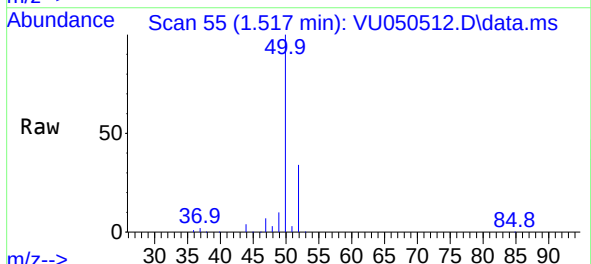
Instrument :
 MSVOA_U
 ClientSampleId :

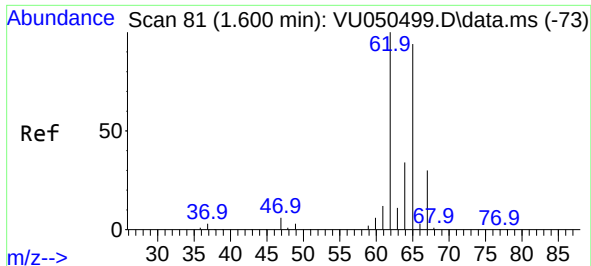
Tgt Ion: 85 Resp: 106371
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.2 39.4



#3
 Chloromethane
 Concen: 44.813 ug/L
 RT: 1.517 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VU050512.D
 Acq: 30 Aug 2022 02:37

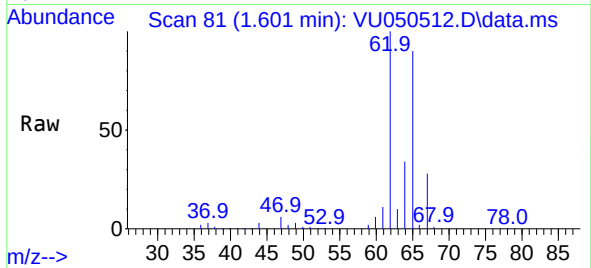
Tgt Ion: 50 Resp: 146678
 Ion Ratio Lower Upper
 50 100
 52 33.9 23.4 43.6



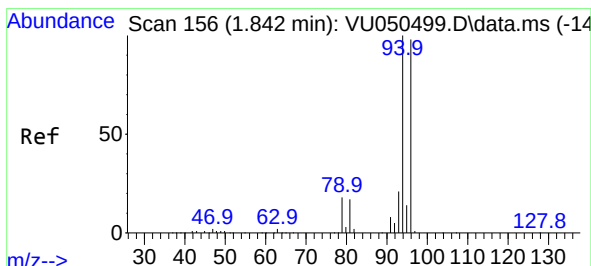
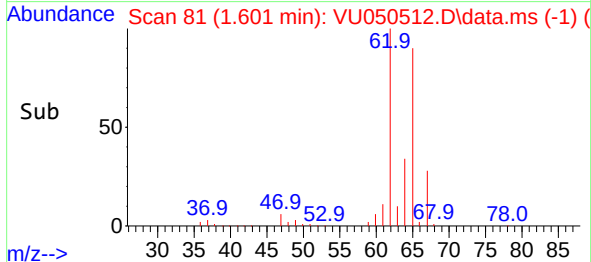
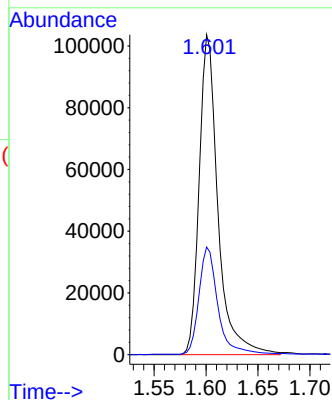


#5
 Vinyl chloride
 Concen: 40.580 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU050512.D
 Acq: 30 Aug 2022 02:37

Instrument :
 MSVOA_U
 ClientSampleId :

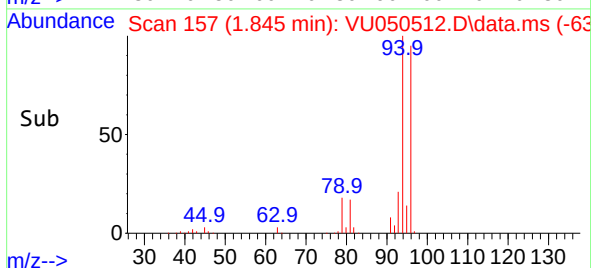
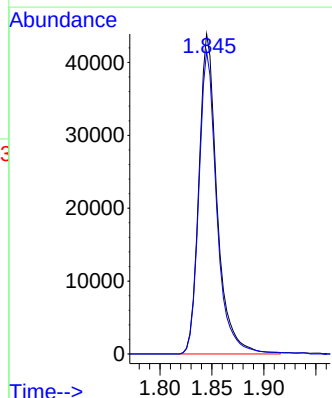
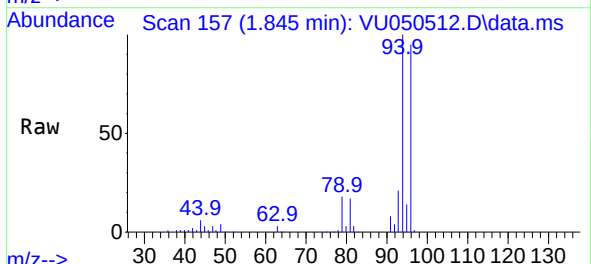


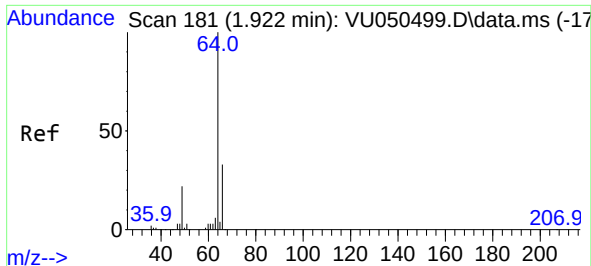
Tgt Ion: 62 Resp: 129880
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.1 42.9



#6
 Bromomethane
 Concen: 45.260 ug/L
 RT: 1.845 min Scan# 157
 Delta R.T. 0.003 min
 Lab File: VU050512.D
 Acq: 30 Aug 2022 02:37

Tgt Ion: 94 Resp: 53563
 Ion Ratio Lower Upper
 94 100
 96 94.5 63.3 117.5

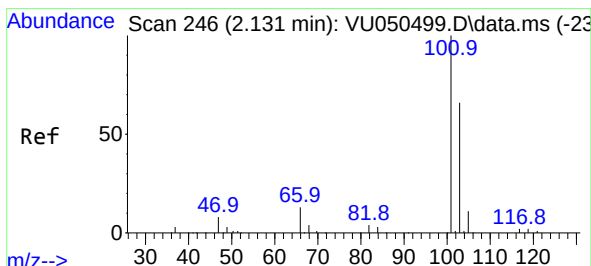
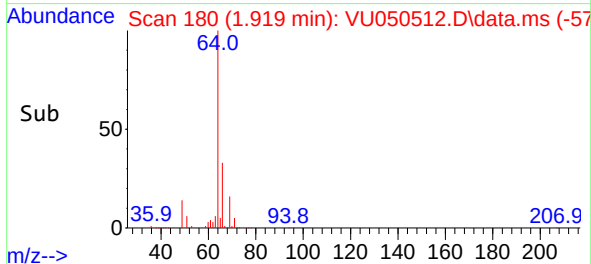
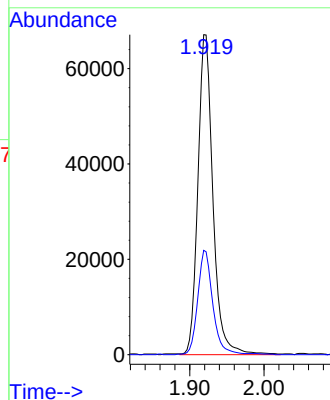
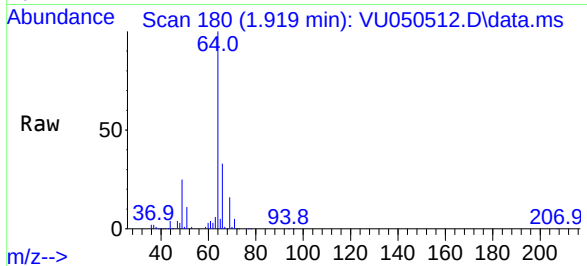




#8
Chloroethane
Concen: 48.764 ug/L
RT: 1.919 min Scan# 181
Delta R.T. -0.003 min
Lab File: VU050512.D
Acq: 30 Aug 2022 02:37

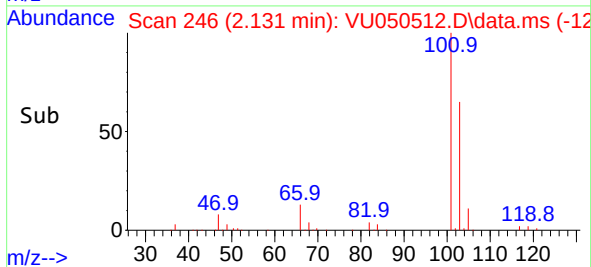
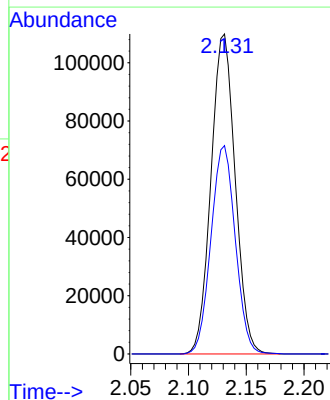
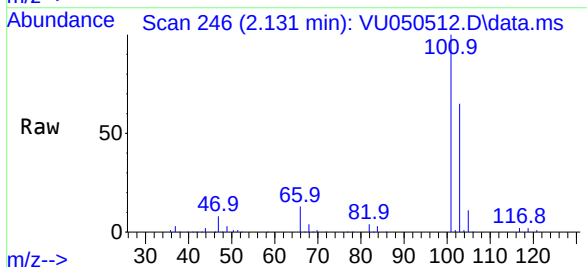
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MSVOA_U
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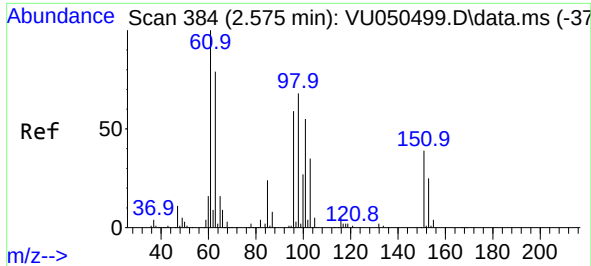
Tgt Ion: 64 Resp: 94818
Ion Ratio Lower Upper
64 100
66 32.6 22.3 41.3



#9
Trichlorofluoromethane
Concen: 39.290 ug/L
RT: 2.131 min Scan# 246
Delta R.T. 0.000 min
Lab File: VU050512.D
Acq: 30 Aug 2022 02:37

Tgt Ion:101 Resp: 159990
Ion Ratio Lower Upper
101 100
103 65.4 51.1 76.7

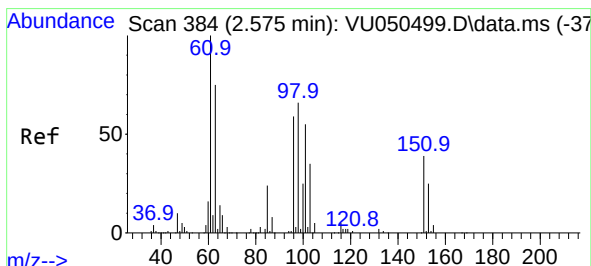
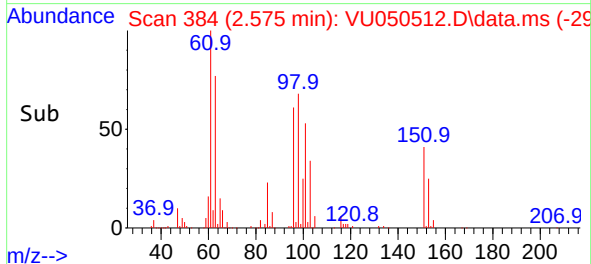
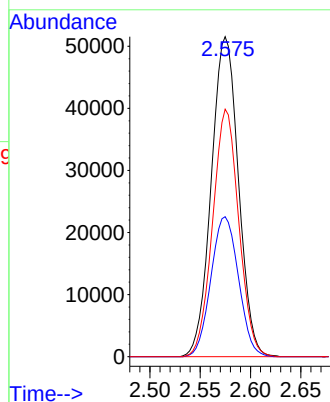
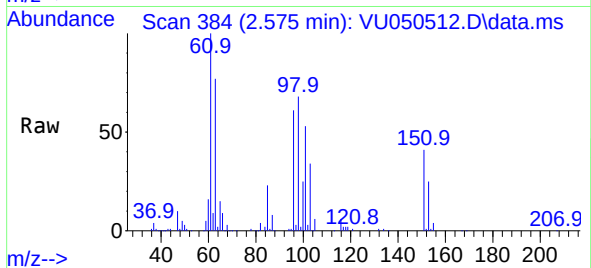




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 38.756 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. 0.000 min
 Lab File: VU050512.D
 Acq: 30 Aug 2022 02:37

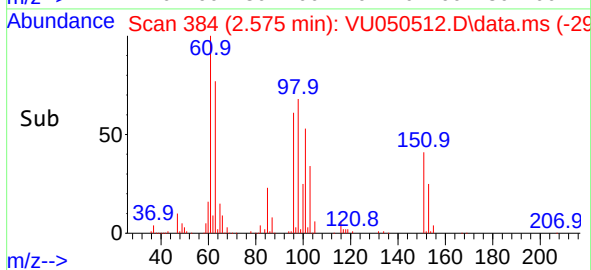
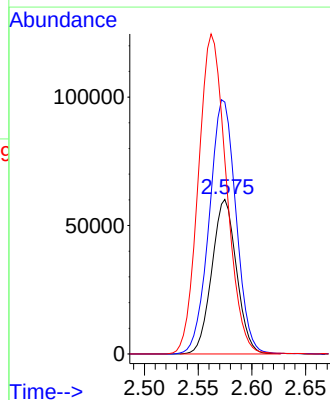
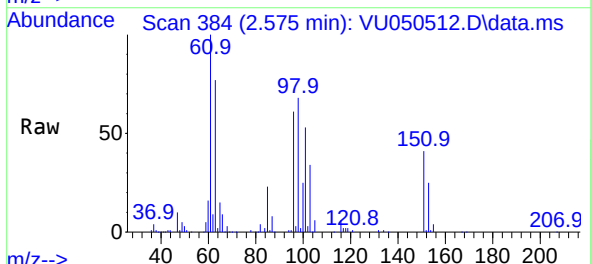
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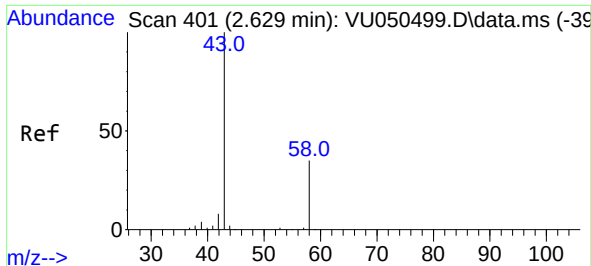
Tgt Ion:101 Resp: 96756
 Ion Ratio Lower Upper
 101 100
 85 44.4 35.3 52.9
 151 74.5 57.3 85.9



#12
 1,1-Dichloroethene
 Concen: 43.534 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. 0.000 min
 Lab File: VU050512.D
 Acq: 30 Aug 2022 02:37

Tgt Ion: 96 Resp: 96083
 Ion Ratio Lower Upper
 96 100
 61 162.9 116.8 216.8
 63 125.2 97.4 180.8





#13

Acetone

Concen: 96.389 ug/L

RT: 2.633 min Scan# 401

Delta R.T. 0.003 min

Lab File: VU050512.D

Acq: 30 Aug 2022 02:37

Instrument :

MSVOA_U

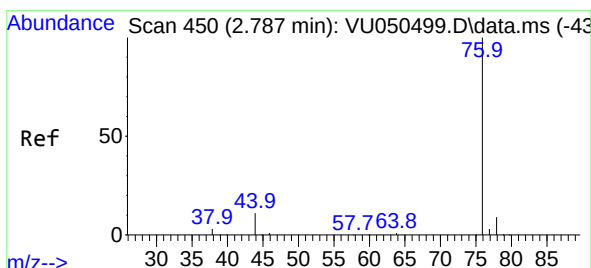
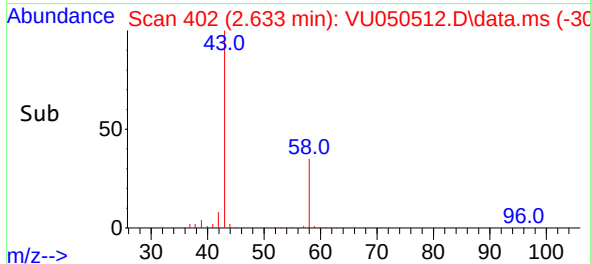
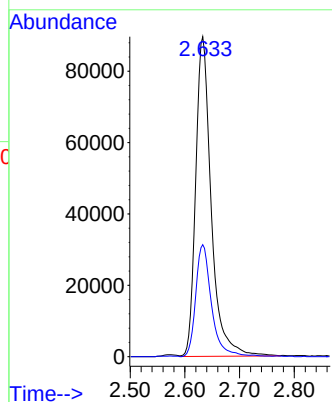
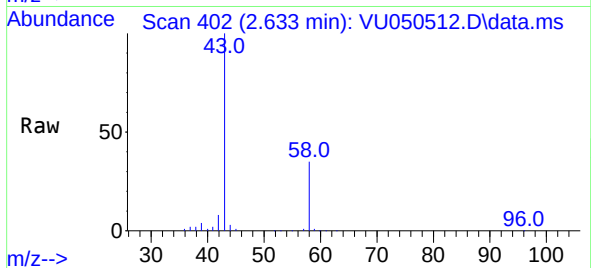
ClientSampleId :

Tgt Ion: 43 Resp: 176476

Ion Ratio Lower Upper

43 100

58 35.5 0.0 72.2



#14

Carbon disulfide

Concen: 23.192 ug/L

RT: 2.787 min Scan# 450

Delta R.T. 0.000 min

Lab File: VU050512.D

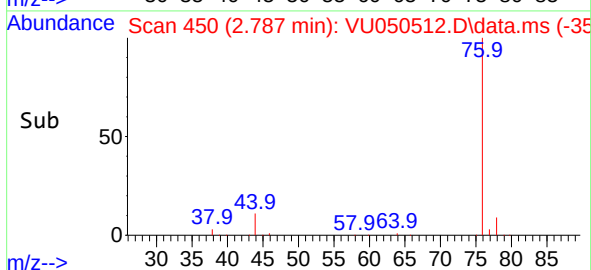
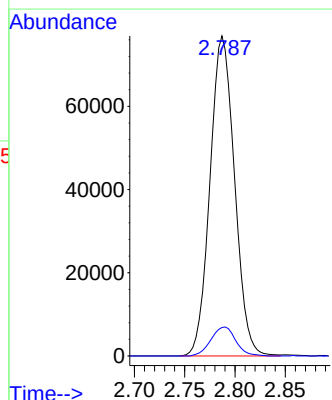
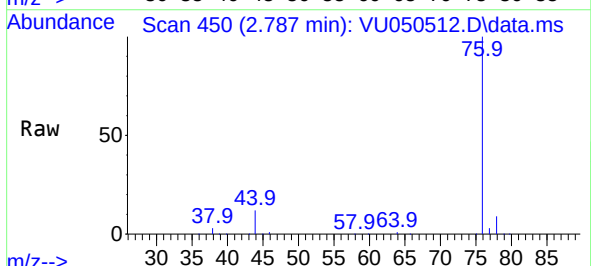
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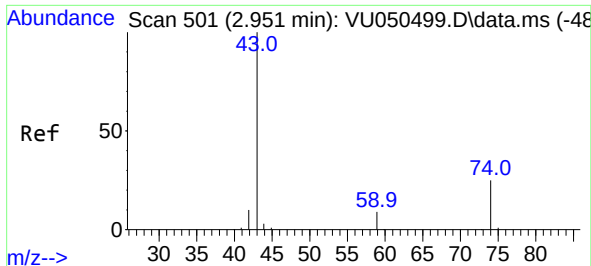
Tgt Ion: 76 Resp: 130619

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9

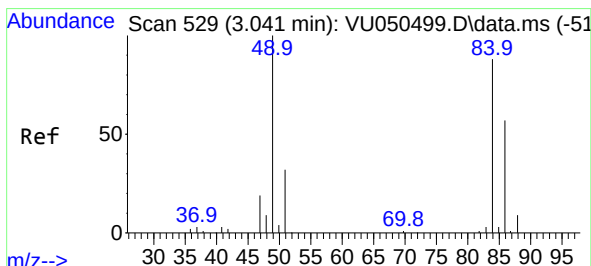
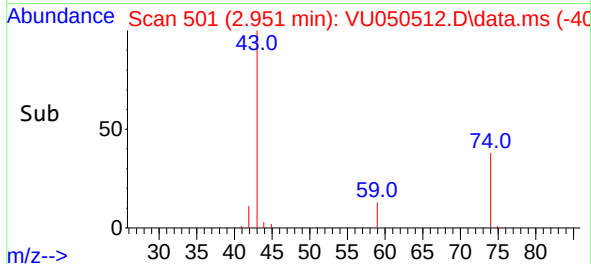
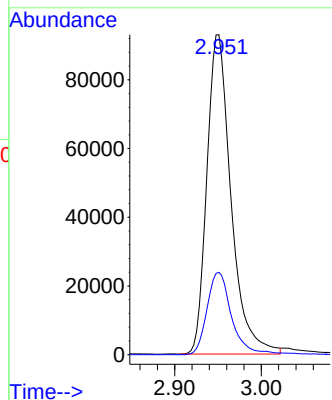
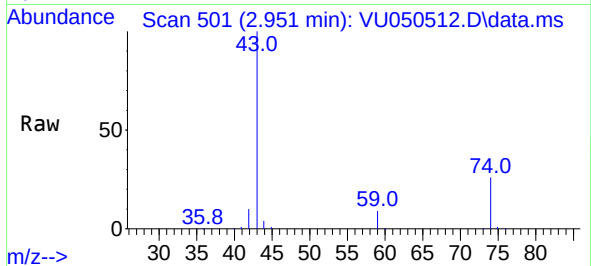




#15
Methyl Acetate
Concen: 54.785 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.000 min
Lab File: VU050512.D
Acq: 30 Aug 2022 02:37

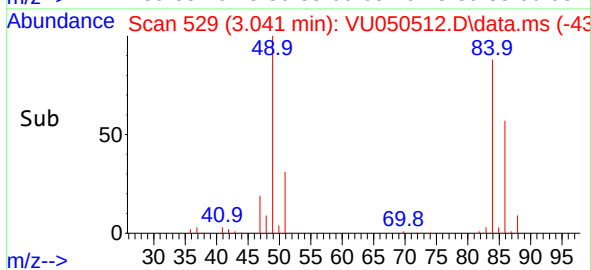
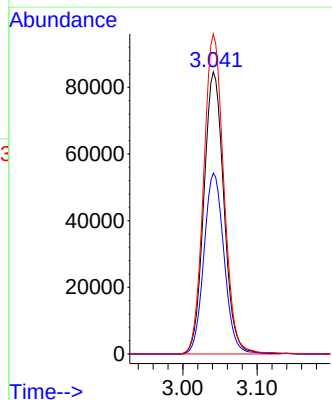
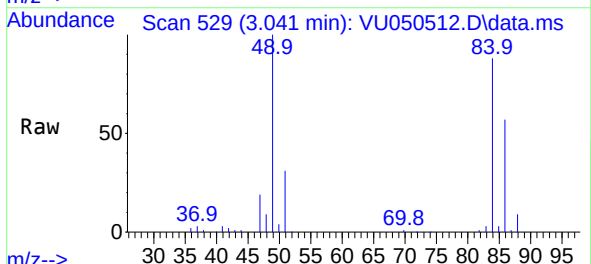
Instrument :
MSVOA_U
ClientSampleId :

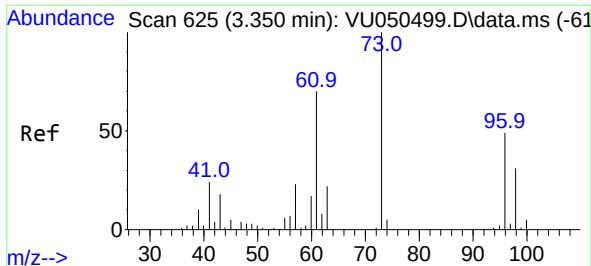
Tgt Ion: 43 Resp: 180463
Ion Ratio Lower Upper
43 100
74 26.5 21.2 31.8



#16
Methylene chloride
Concen: 51.545 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU050512.D
Acq: 30 Aug 2022 02:37

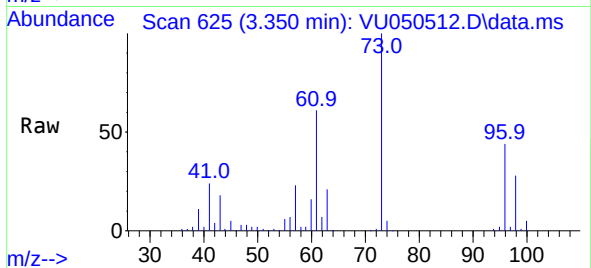
Tgt Ion: 84 Resp: 158550
Ion Ratio Lower Upper
84 100
86 64.1 43.9 81.5
49 113.5 80.4 149.4



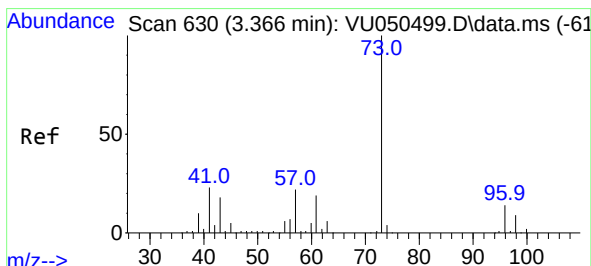
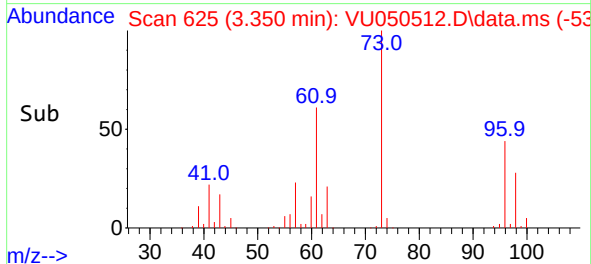
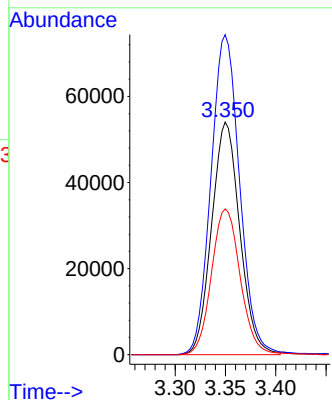


#17
trans-1,2-Dichloroethene
Concen: 45.432 ug/L
RT: 3.350 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU050512.D
Acq: 30 Aug 2022 02:37

Instrument :
MSVOA_U
ClientSampleId :

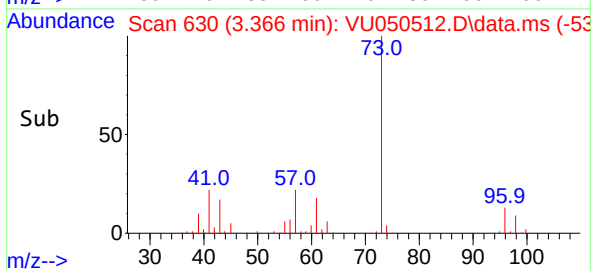
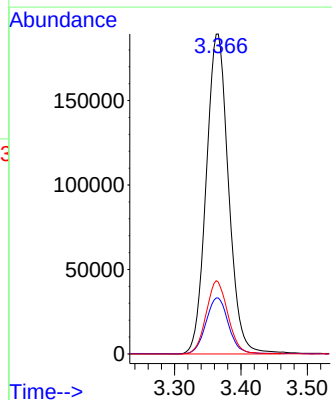
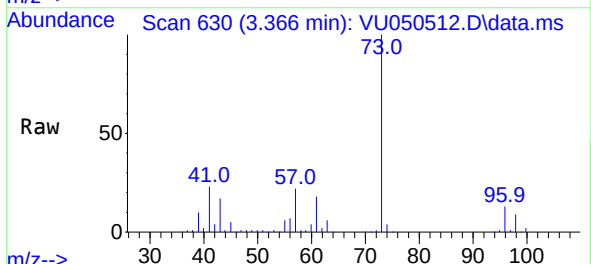


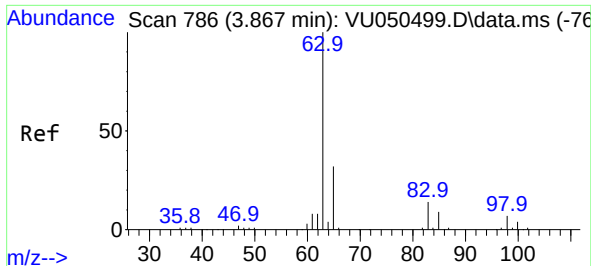
Tgt Ion: 96 Resp: 105409
Ion Ratio Lower Upper
96 100
61 137.6 98.5 182.9
98 62.6 45.7 84.9



#18
Methyl tert-butyl Ether
Concen: 60.284 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.000 min
Lab File: VU050512.D
Acq: 30 Aug 2022 02:37

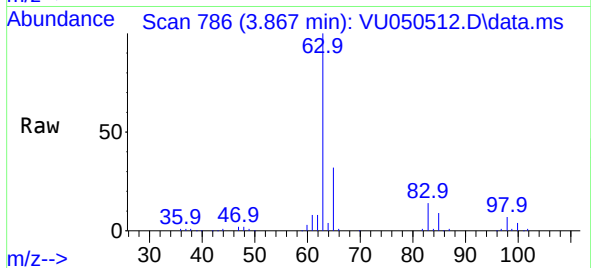
Tgt Ion: 73 Resp: 442684
Ion Ratio Lower Upper
73 100
43 17.6 14.4 21.6
57 22.4 17.8 26.8



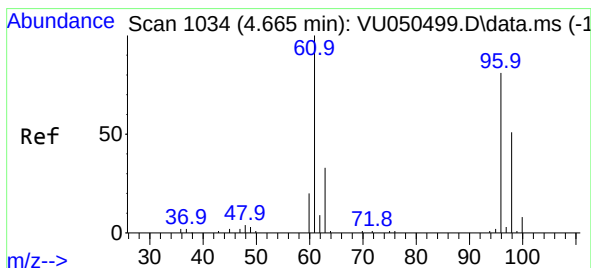
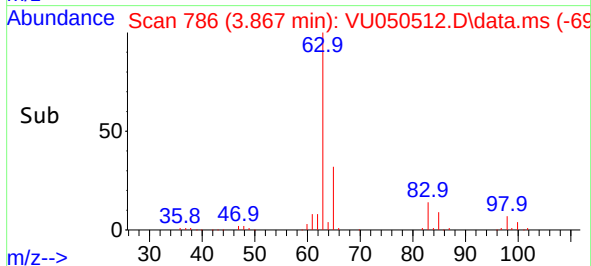
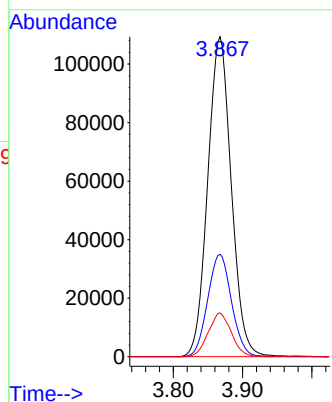


#19
1,1-Dichloroethane
Concen: 51.255 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU050512.D
Acq: 30 Aug 2022 02:37

Instrument :
MSVOA_U
ClientSampleId :

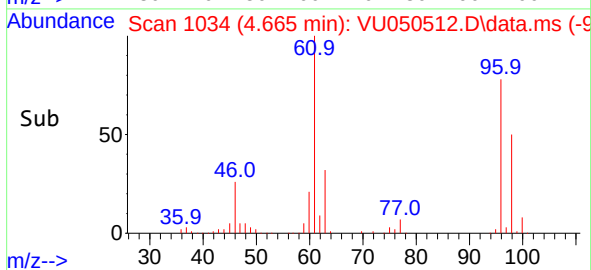
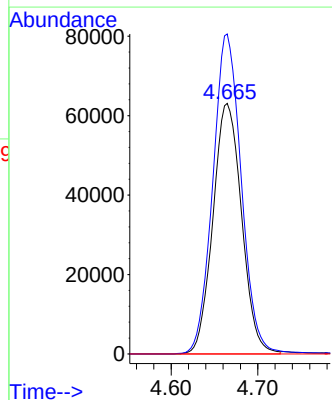
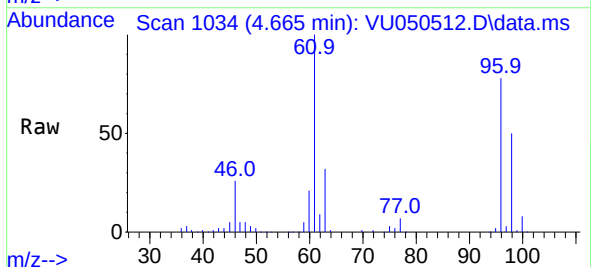


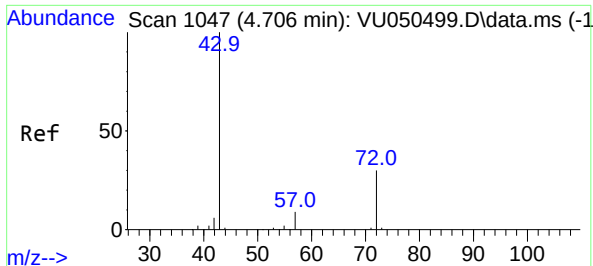
Tgt Ion: 63 Resp: 257633
Ion Ratio Lower Upper
63 100
65 32.0 23.3 43.3
83 13.7 9.0 16.8



#20
cis-1,2-Dichloroethene
Concen: 52.174 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU050512.D
Acq: 30 Aug 2022 02:37

Tgt Ion: 96 Resp: 144958
Ion Ratio Lower Upper
96 100
61 127.7 88.1 163.5
68 0.0 0.0 0.0

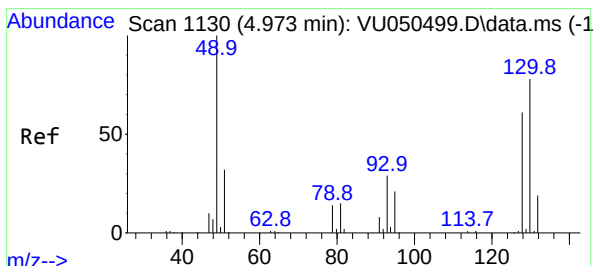
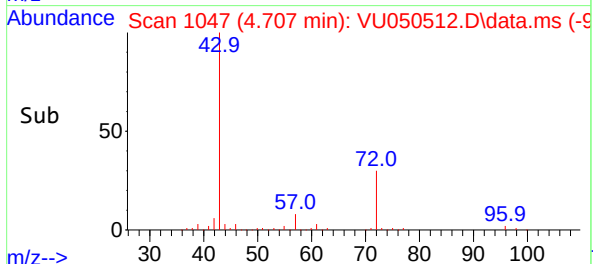
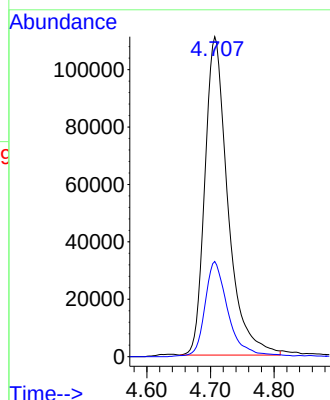
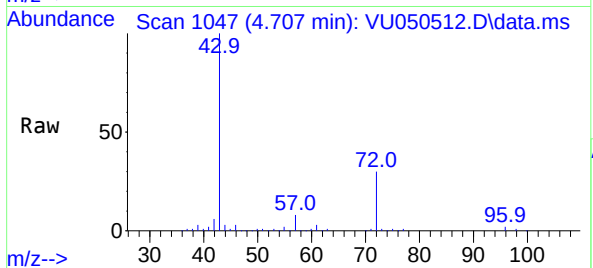




#22
2-Butanone
Concen: 112.403 ug/L
RT: 4.707 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU050512.D
Acq: 30 Aug 2022 02:37

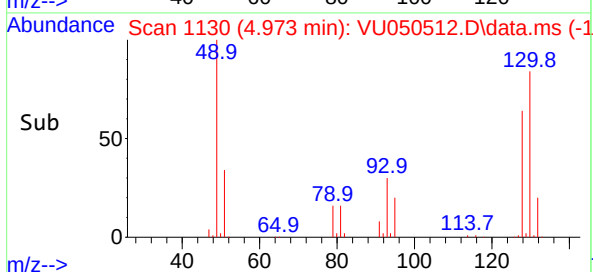
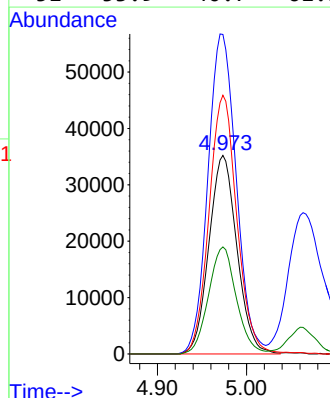
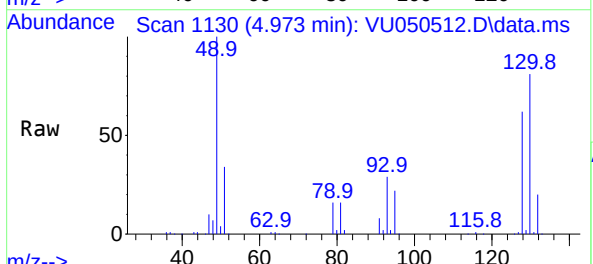
Instrument :
MSVOA_U
ClientSampleId :

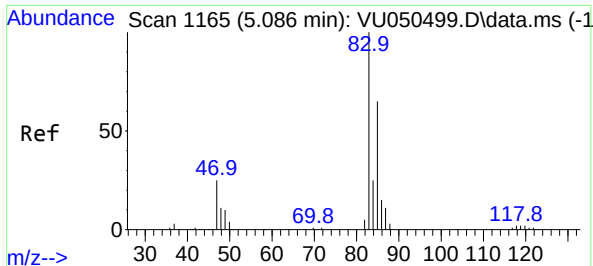
Tgt Ion: 43 Resp: 278907
Ion Ratio Lower Upper
43 100
72 30.3 15.0 45.0



#23
Bromochloromethane
Concen: 50.618 ug/L
RT: 4.973 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VU050512.D
Acq: 30 Aug 2022 02:37

Tgt Ion:128 Resp: 76811
Ion Ratio Lower Upper
128 100
49 160.9 111.2 206.4
130 130.3 91.1 169.1
51 53.9 40.7 61.1





#25

Chloroform

Concen: 51.338 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU050512.D

Acq: 30 Aug 2022 02:37

Instrument :

MSVOA_U

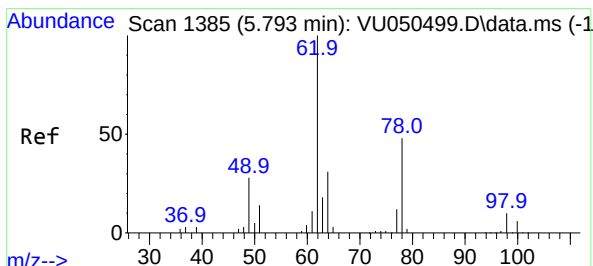
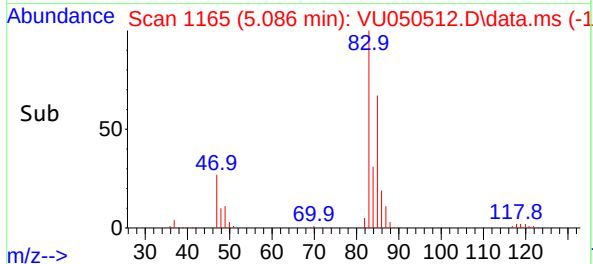
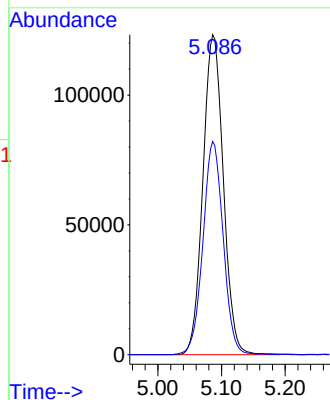
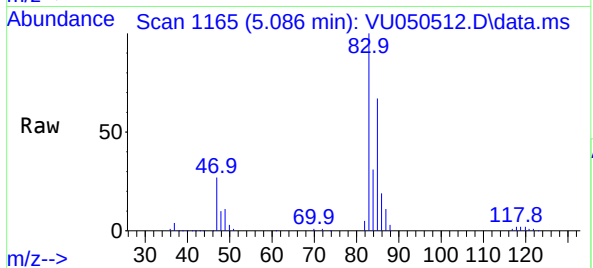
ClientSampleId :

Tgt Ion: 83 Resp: 274909

Ion Ratio Lower Upper

83 100

85 66.6 45.7 84.9



#27

1,2-Dichloroethane

Concen: 53.376 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU050512.D

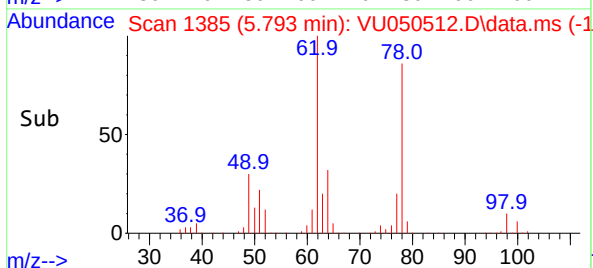
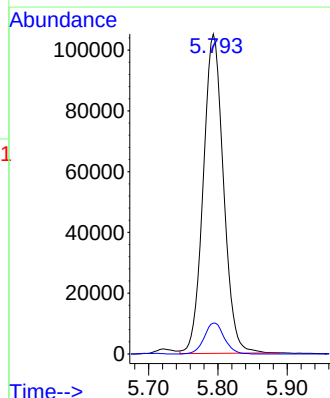
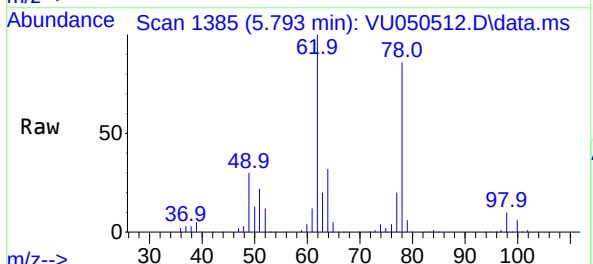
Acq: 30 Aug 2022 02:37

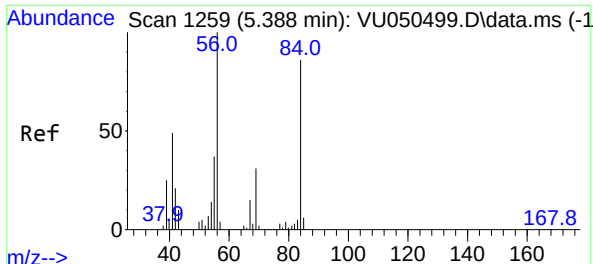
Tgt Ion: 62 Resp: 213214

Ion Ratio Lower Upper

62 100

98 9.6 7.3 10.9





#29

Cyclohexane

Concen: 42.783 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VU050512.D

Acq: 30 Aug 2022 02:37

Instrument :

MSVOA_U

ClientSampleId :

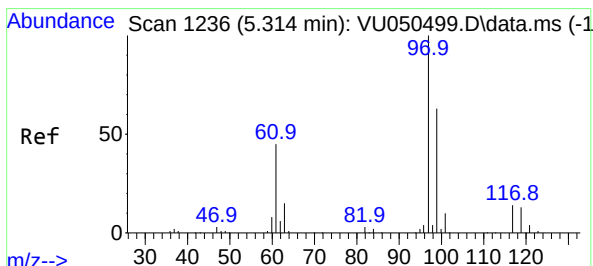
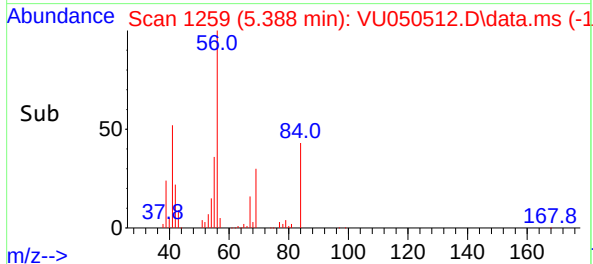
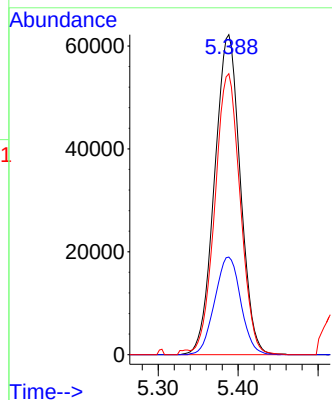
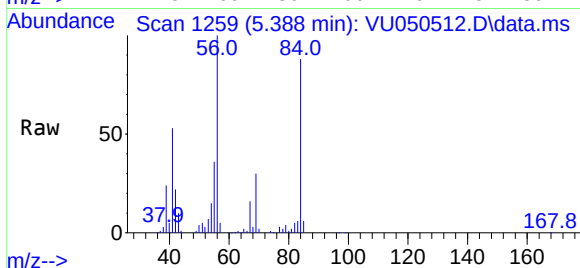
Tgt Ion: 56 Resp: 139047

Ion Ratio Lower Upper

56 100

69 30.8 24.6 36.8

84 86.4 68.8 103.2



#30

1,1,1-Trichloroethane

Concen: 43.822 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU050512.D

Acq: 30 Aug 2022 02:37

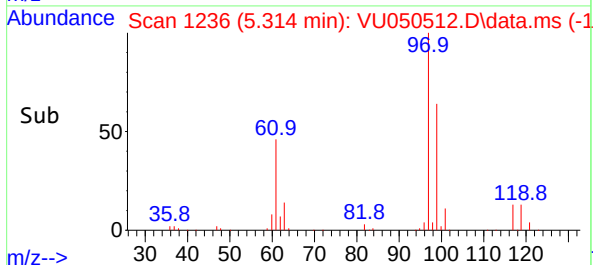
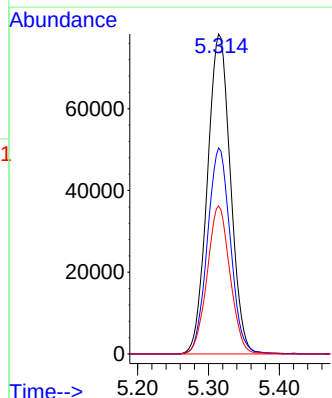
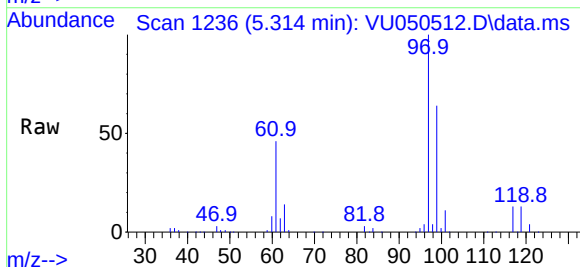
Tgt Ion: 97 Resp: 177140

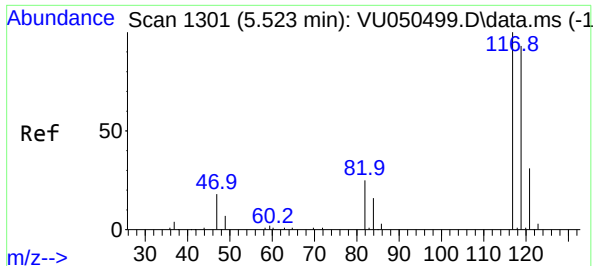
Ion Ratio Lower Upper

97 100

99 64.2 51.2 76.8

61 45.6 36.6 55.0

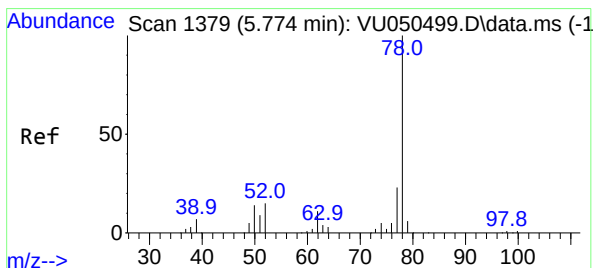
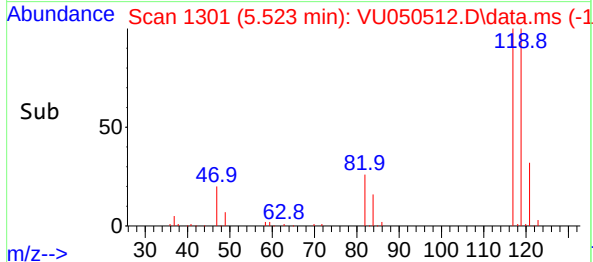
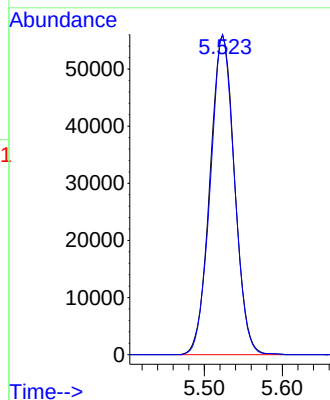
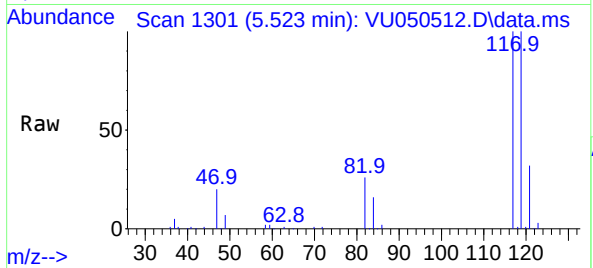




#31
Carbon tetrachloride
Concen: 36.981 ug/L
RT: 5.523 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU050512.D
Acq: 30 Aug 2022 02:37

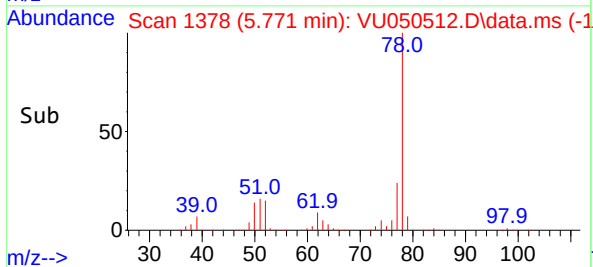
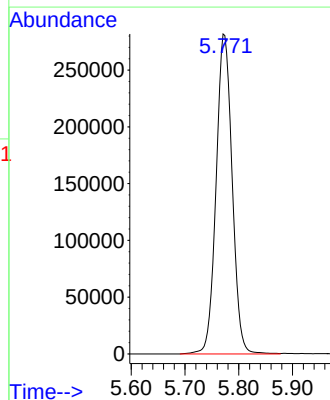
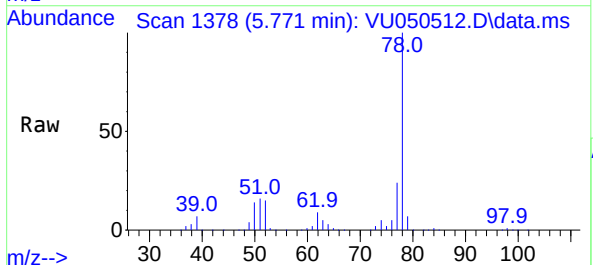
Instrument :
MSVOA_U
ClientSampleId :

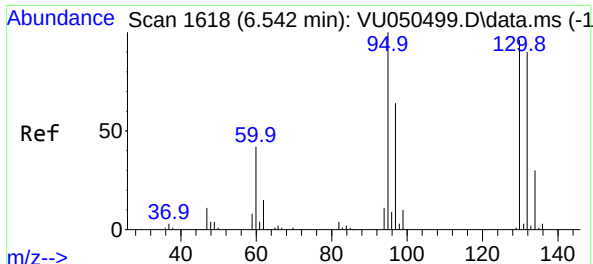
Tgt Ion:117 Resp: 122676
Ion Ratio Lower Upper
117 100
119 97.6 76.9 115.3



#33
Benzene
Concen: 54.634 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU050512.D
Acq: 30 Aug 2022 02:37

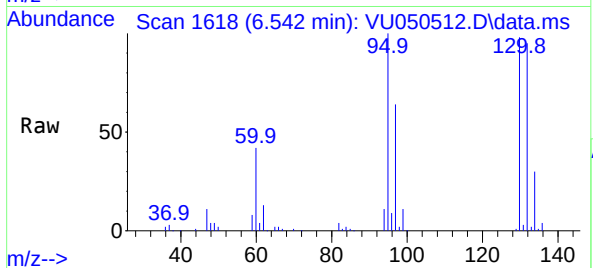
Tgt Ion: 78 Resp: 584430



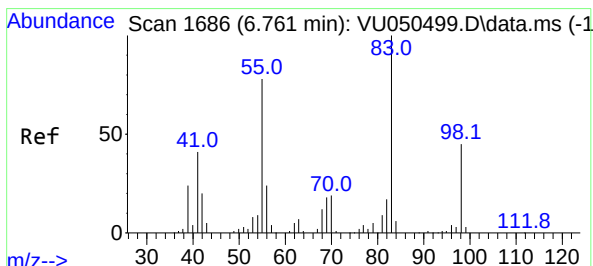
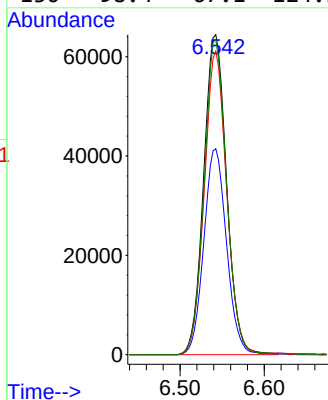
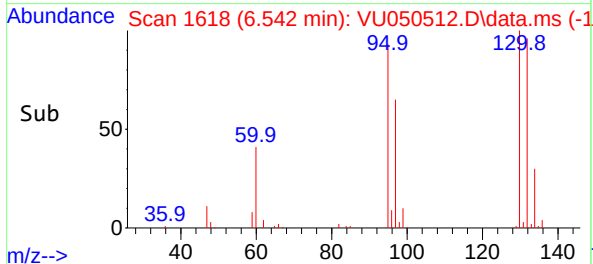


#34
Trichloroethene
Concen: 48.170 ug/L
RT: 6.542 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU050512.D
Acq: 30 Aug 2022 02:37

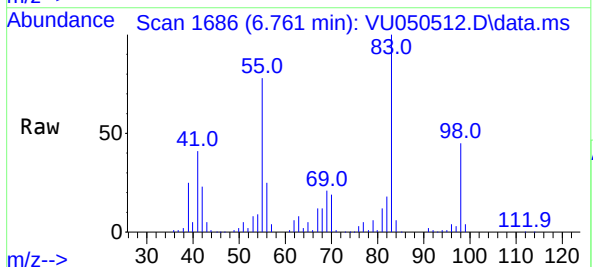
Instrument :
MSVOA_U
ClientSampleId :



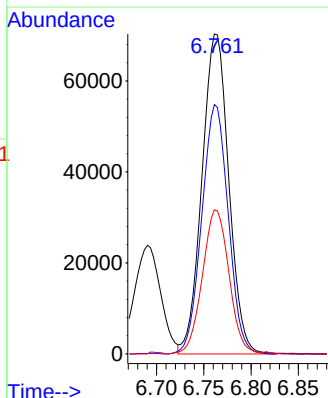
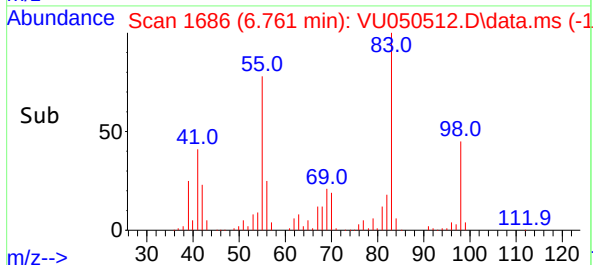
Tgt Ion: 95 Resp: 121971
Ion Ratio Lower Upper
95 100
97 64.3 45.2 84.0
132 94.8 64.4 119.6
130 98.4 67.1 124.5

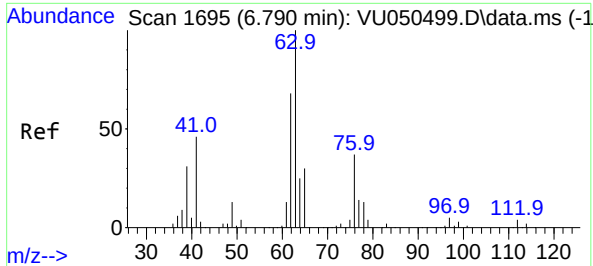


#35
Methylcyclohexane
Concen: 39.178 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU050512.D
Acq: 30 Aug 2022 02:37



Tgt Ion: 83 Resp: 138715
Ion Ratio Lower Upper
83 100
55 76.9 61.9 92.9
98 44.6 35.8 53.8

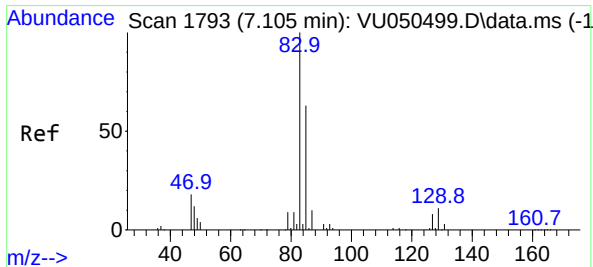
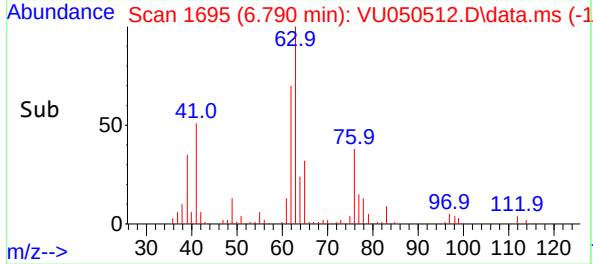
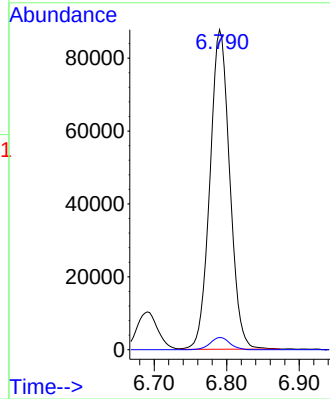
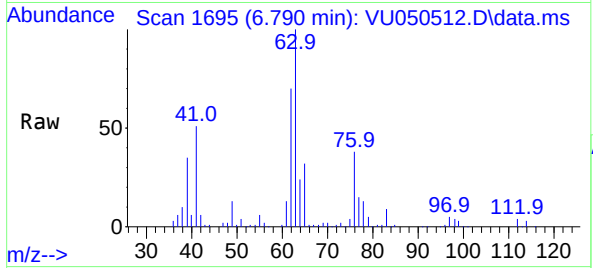




#37
 1,2-Dichloropropane
 Concen: 53.628 ug/L
 RT: 6.790 min Scan# 1695
 Delta R.T. 0.000 min
 Lab File: VU050512.D
 Acq: 30 Aug 2022 02:37

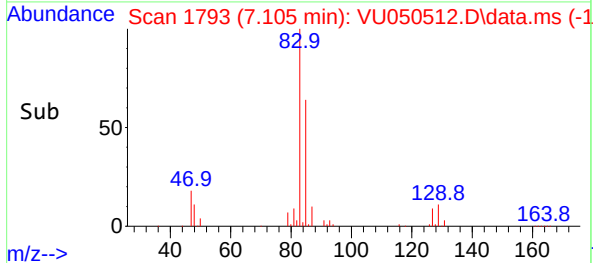
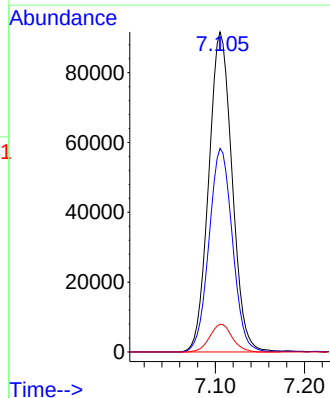
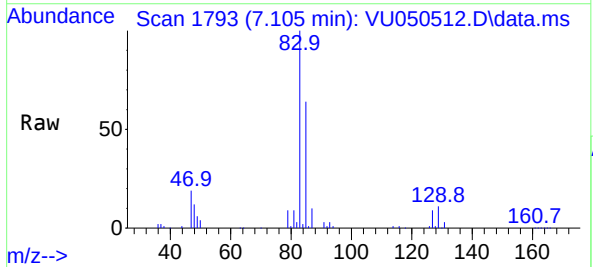
Instrument :
 MSVOA_U
 ClientSampleId :

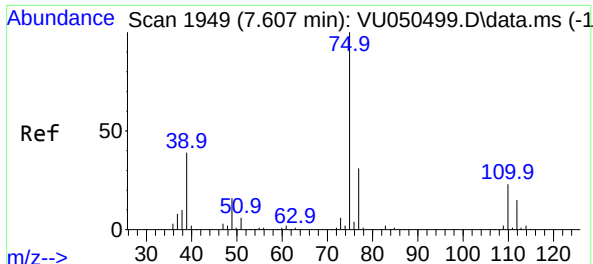
Tgt Ion: 63 Resp: 166634
 Ion Ratio Lower Upper
 63 100
 112 3.8 3.0 4.4



#38
 Bromodichloromethane
 Concen: 42.150 ug/L
 RT: 7.105 min Scan# 1793
 Delta R.T. 0.000 min
 Lab File: VU050512.D
 Acq: 30 Aug 2022 02:37

Tgt Ion: 83 Resp: 167093
 Ion Ratio Lower Upper
 83 100
 85 63.6 46.2 85.8
 127 8.6 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 45.245 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU050512.D

Acq: 30 Aug 2022 02:37

Instrument :

MSVOA_U

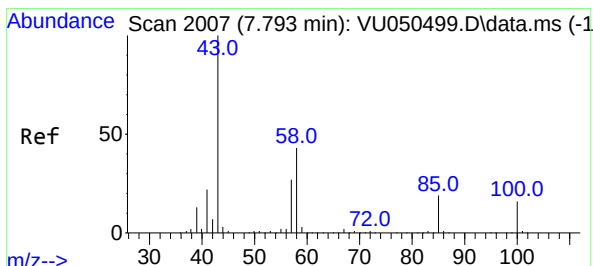
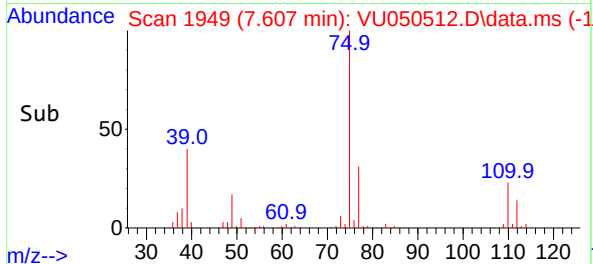
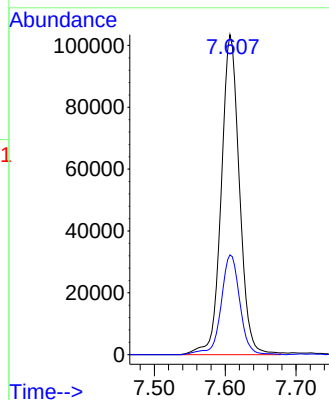
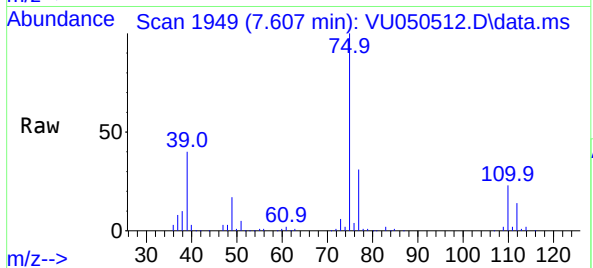
ClientSampleId :

Tgt Ion: 75 Resp: 184619

Ion Ratio Lower Upper

75 100

77 31.2 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 123.012 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU050512.D

Acq: 30 Aug 2022 02:37

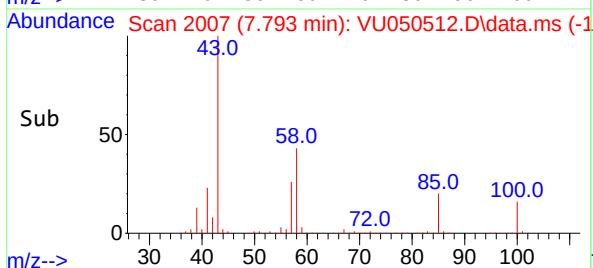
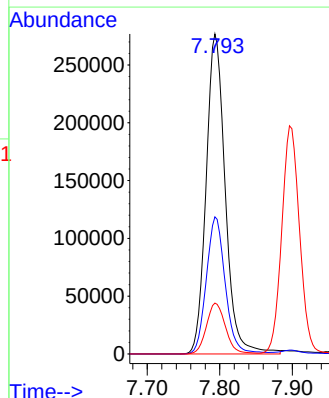
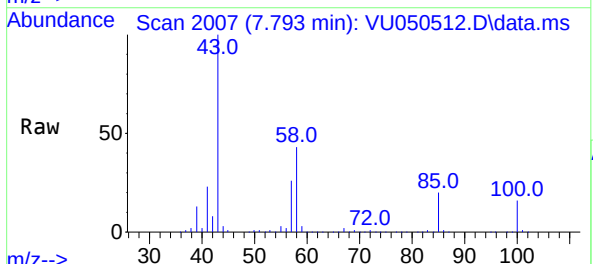
Tgt Ion: 43 Resp: 507938

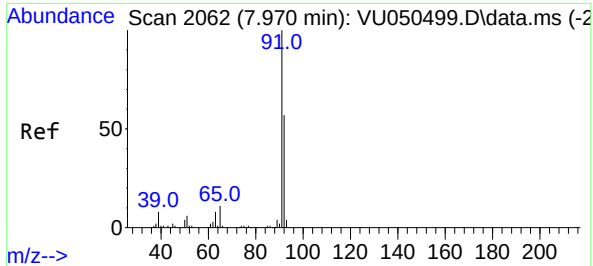
Ion Ratio Lower Upper

43 100

58 42.4 34.0 51.0

100 15.9 13.0 19.4

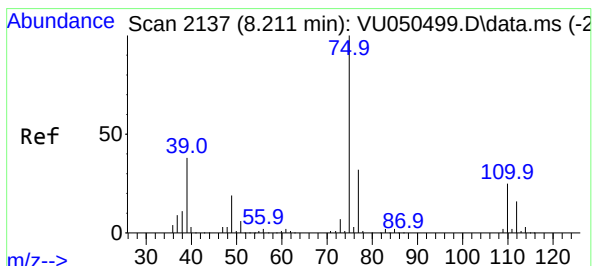
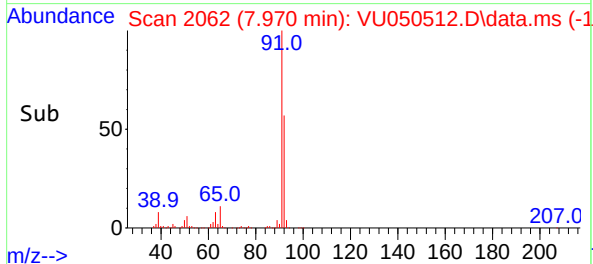
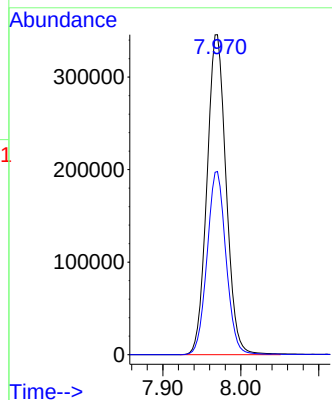
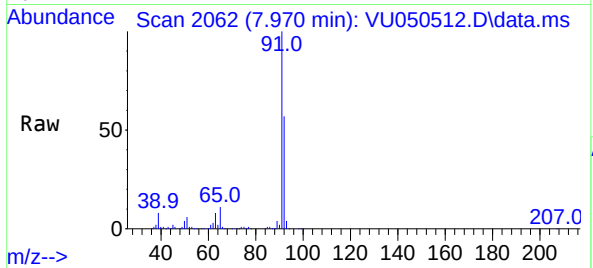




#42
Toluene
Concen: 54.797 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU050512.D
Acq: 30 Aug 2022 02:37

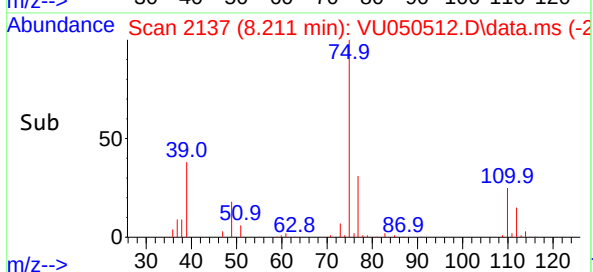
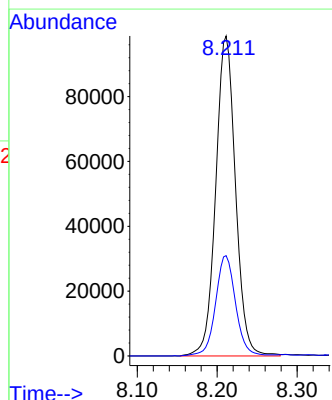
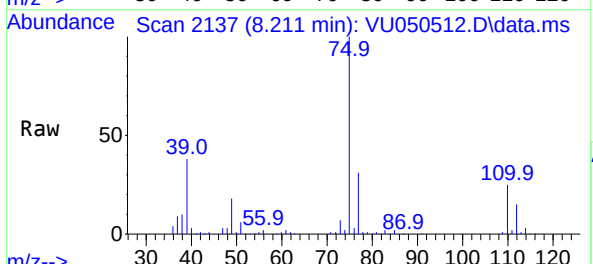
Instrument :
MSVOA_U
ClientSampleId :

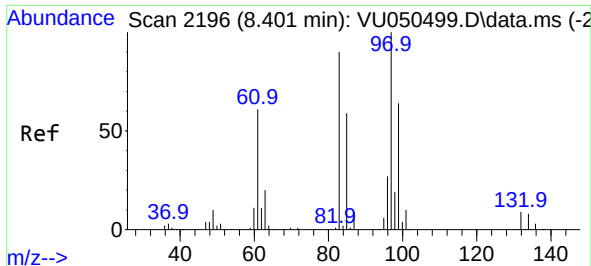
Tgt Ion: 91 Resp: 590584
Ion Ratio Lower Upper
91 100
92 57.3 40.3 74.9



#44
trans-1,3-Dichloropropene
Concen: 44.432 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU050512.D
Acq: 30 Aug 2022 02:37

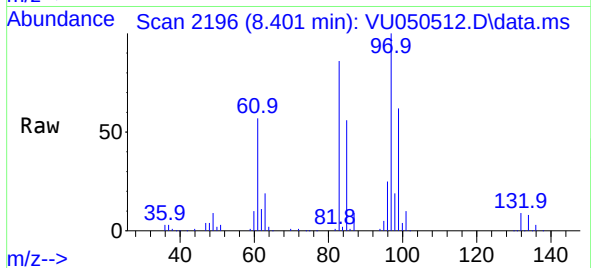
Tgt Ion: 75 Resp: 168993
Ion Ratio Lower Upper
75 100
77 31.3 22.5 41.7





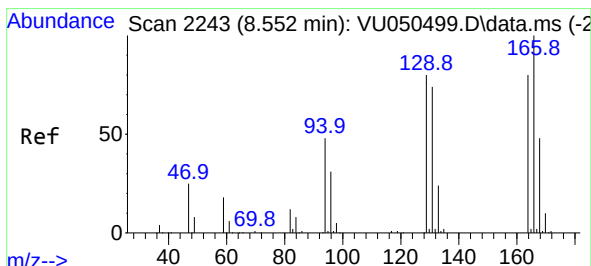
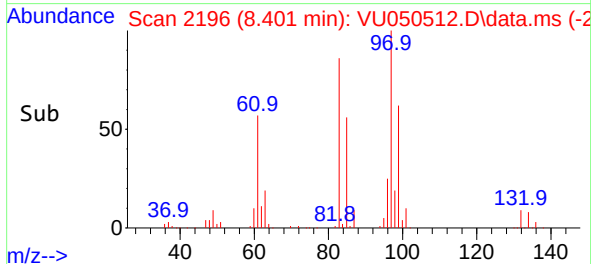
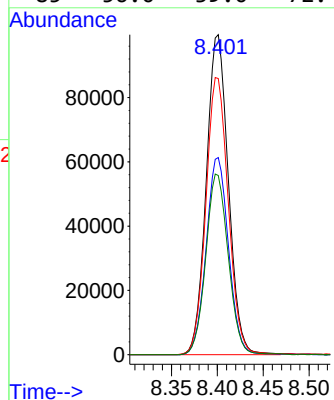
#45
1,1,2-Trichloroethane
Concen: 54.591 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU050512.D
Acq: 30 Aug 2022 02:37

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 97 Resp: 166912

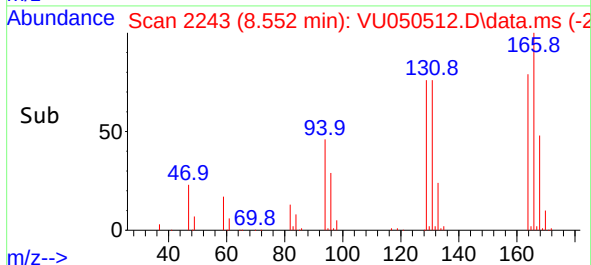
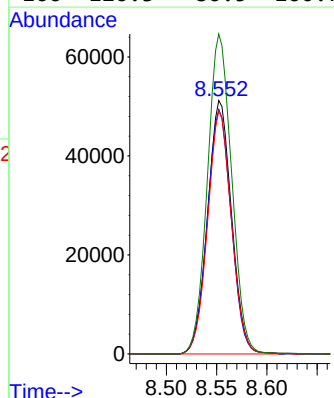
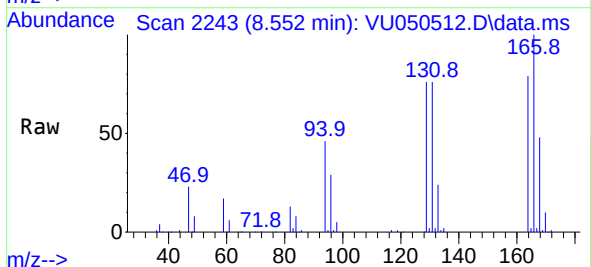
Ion	Ratio	Lower	Upper
97	100		
99	61.6	43.3	80.3
83	86.3	60.3	112.1
85	56.0	39.0	72.4

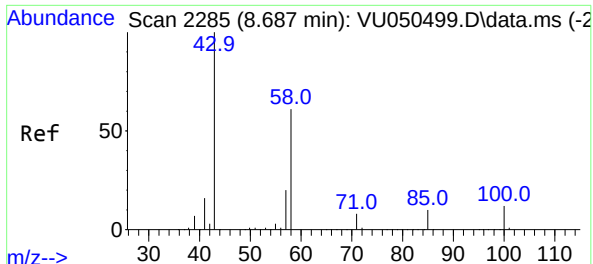


#46
Tetrachloroethene
Concen: 45.773 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU050512.D
Acq: 30 Aug 2022 02:37

Tgt Ion: 164 Resp: 85125

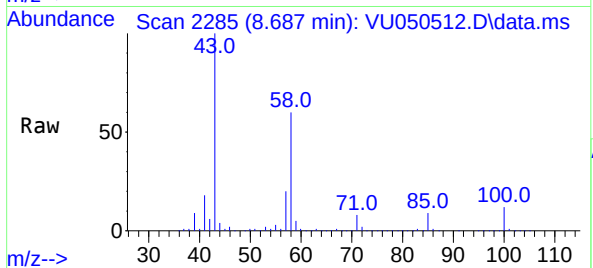
Ion	Ratio	Lower	Upper
164	100		
129	96.5	68.0	126.4
131	96.0	65.4	121.4
166	126.3	86.5	160.7



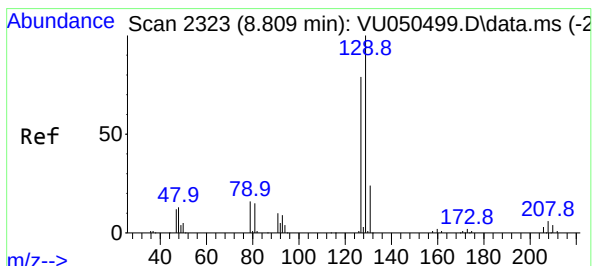
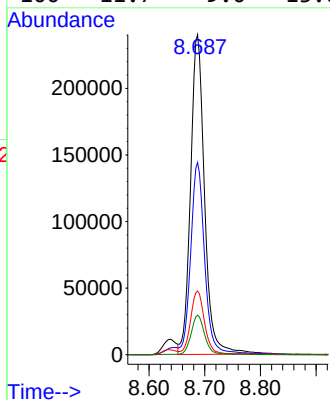
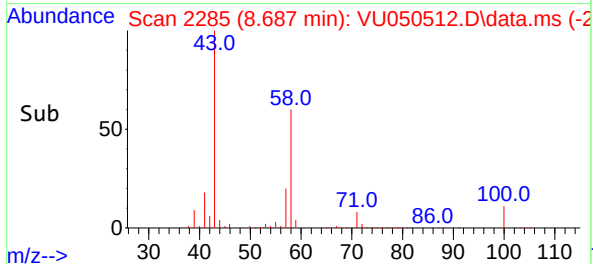


#48
2-Hexanone
Concen: 122.144 ug/L
RT: 8.687 min Scan# 21193
Delta R.T. 0.000 min
Lab File: VU050512.D
Acq: 30 Aug 2022 02:37

Instrument :
MSVOA_U
ClientSampleId :

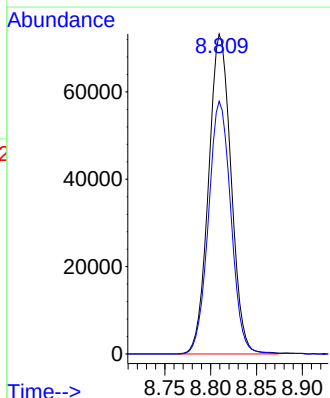
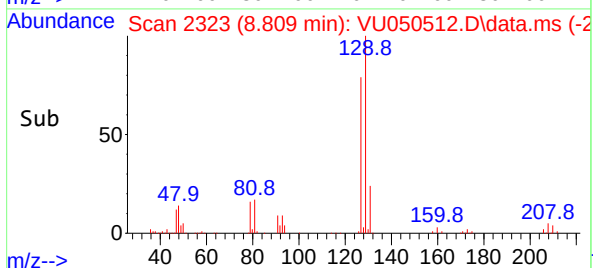
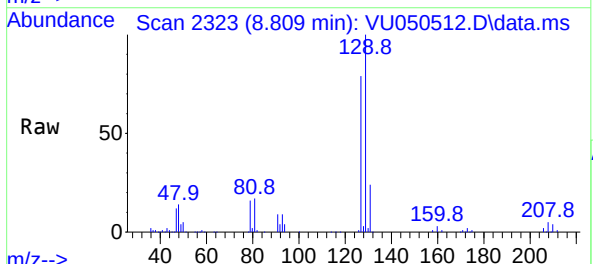


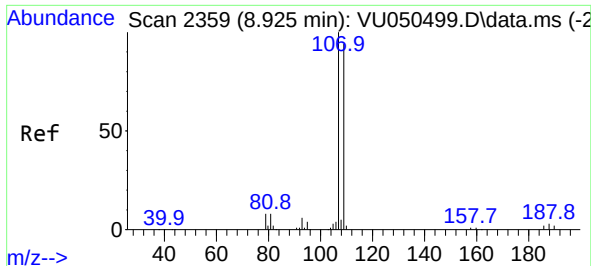
Tgt Ion: 43 Resp: 421193
Ion Ratio Lower Upper
43 100
58 58.9 47.9 71.9
57 19.5 15.4 23.0
100 11.7 9.0 13.6



#49
Dibromochloromethane
Concen: 39.524 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU050512.D
Acq: 30 Aug 2022 02:37

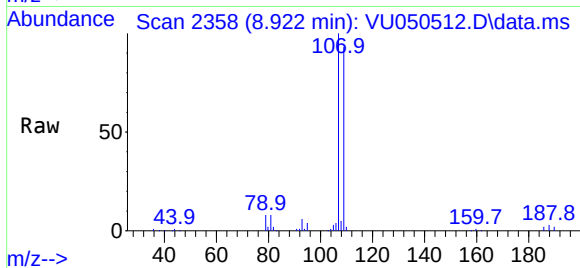
Tgt Ion: 129 Resp: 125178
Ion Ratio Lower Upper
129 100
127 78.9 55.9 103.7



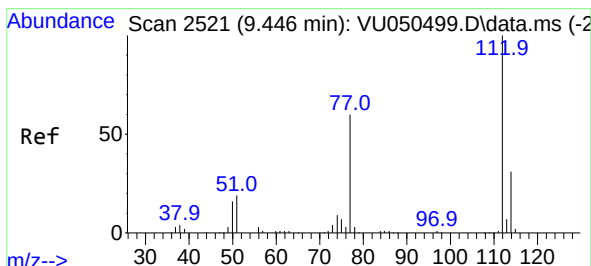
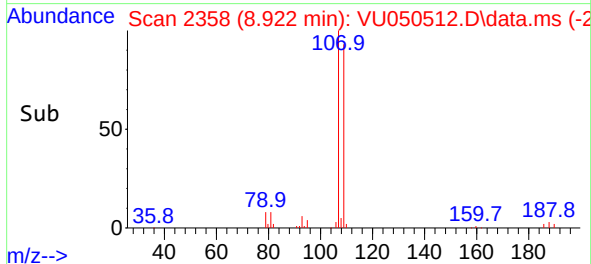
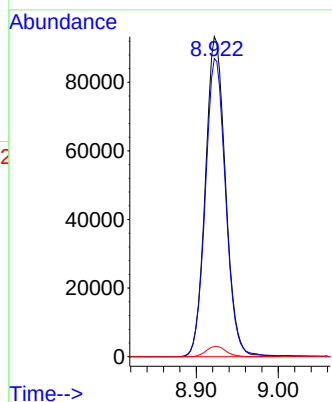


#50
1,2-Dibromoethane
Concen: 52.150 ug/L
RT: 8.922 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050512.D
Acq: 30 Aug 2022 02:37

Instrument :
MSVOA_U
ClientSampleId :

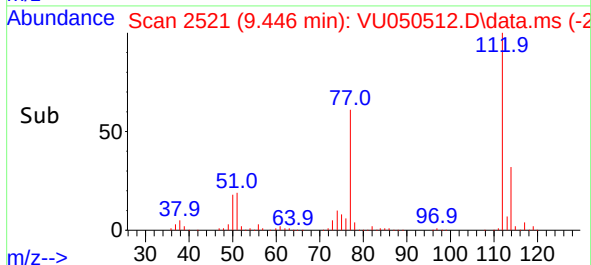
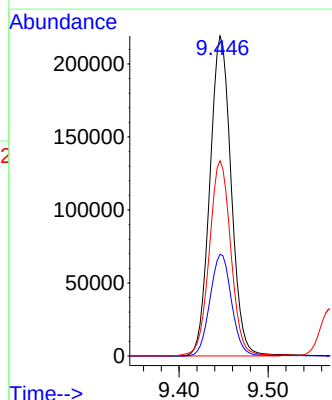
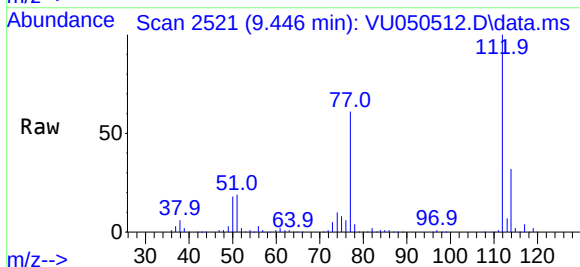


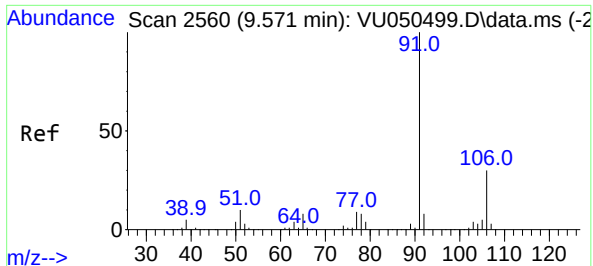
Tgt Ion:107 Resp: 159346
Ion Ratio Lower Upper
107 100
109 93.2 66.0 122.6
188 3.1 2.7 4.1



#51
Chlorobenzene
Concen: 51.441 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU050512.D
Acq: 30 Aug 2022 02:37

Tgt Ion:112 Resp: 363828
Ion Ratio Lower Upper
112 100
114 31.8 21.8 40.6
77 61.0 47.6 71.4

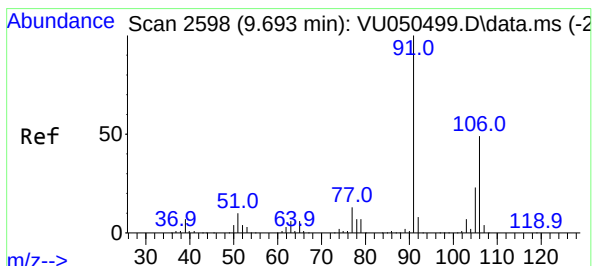
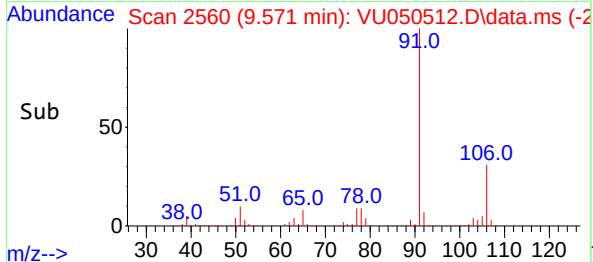
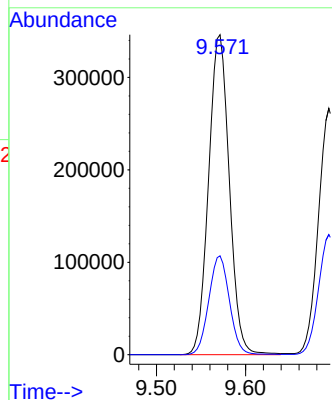
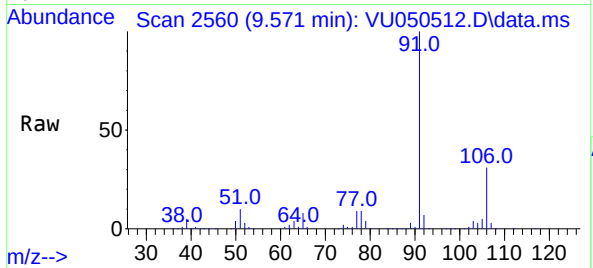




#52
Ethylbenzene
Concen: 51.478 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU050512.D
Acq: 30 Aug 2022 02:37

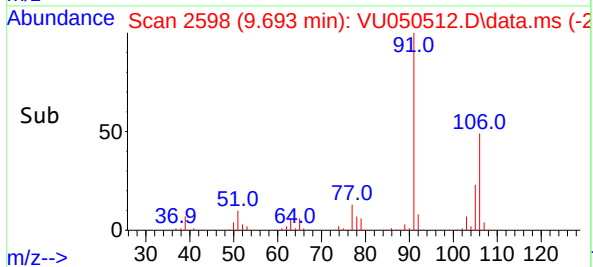
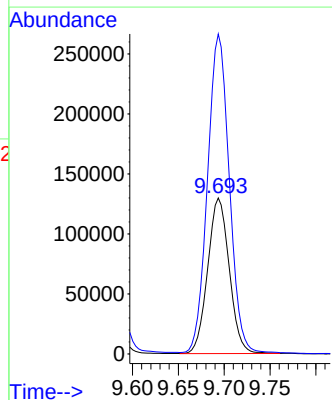
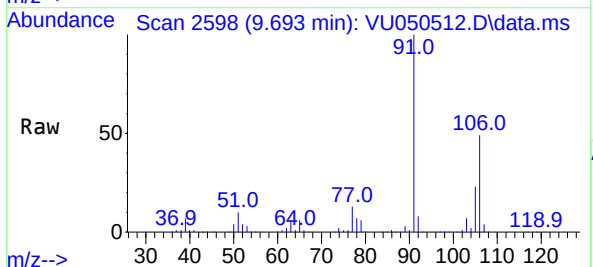
Instrument :
MSVOA_U
ClientSampleId :

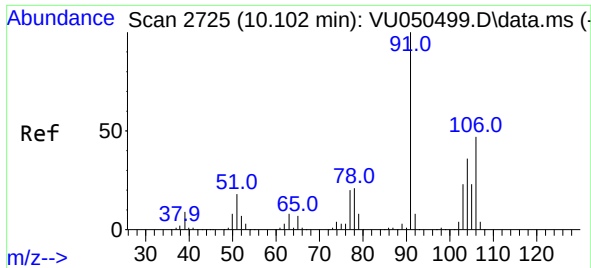
Tgt Ion: 91 Resp: 559180
Ion Ratio Lower Upper
91 100
106 30.9 21.7 40.3



#53
m,p-Xylene
Concen: 52.344 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU050512.D
Acq: 30 Aug 2022 02:37

Tgt Ion: 106 Resp: 212333
Ion Ratio Lower Upper
106 100
91 205.1 145.9 270.9

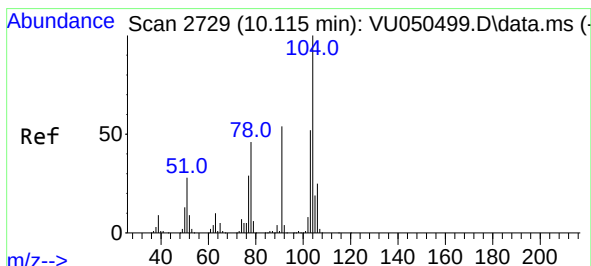
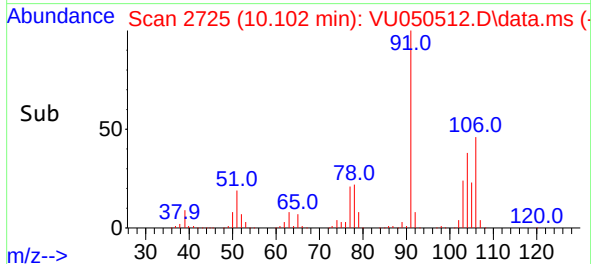
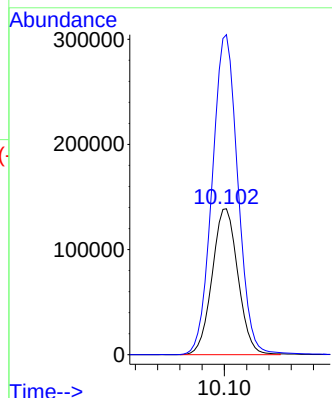
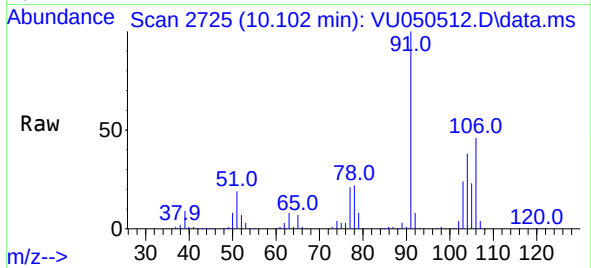




#54
o-Xylene
Concen: 55.360 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU050512.D
Acq: 30 Aug 2022 02:37

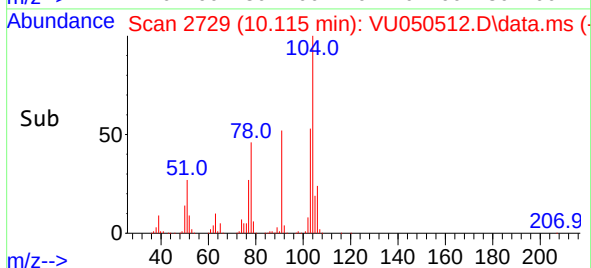
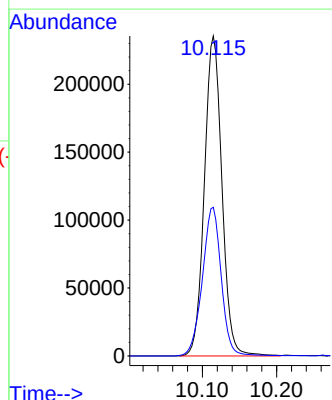
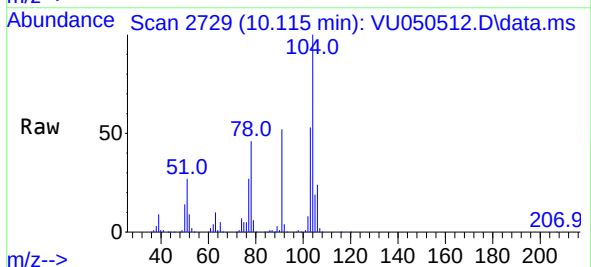
Instrument :
MSVOA_U
ClientSampleId :

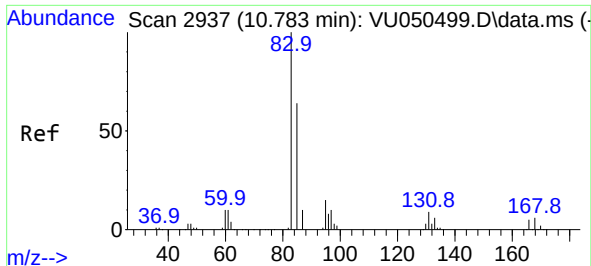
Tgt Ion:106 Resp: 223110
Ion Ratio Lower Upper
106 100
91 219.3 154.8 287.4



#55
Styrene
Concen: 56.381 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU050512.D
Acq: 30 Aug 2022 02:37

Tgt Ion:104 Resp: 386638
Ion Ratio Lower Upper
104 100
78 46.4 31.6 58.8





#57

1,1,2,2-Tetrachloroethane

Concen: 52.880 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU050512.D

Acq: 30 Aug 2022 02:37

Instrument :

MSVOA_U

ClientSampleId :

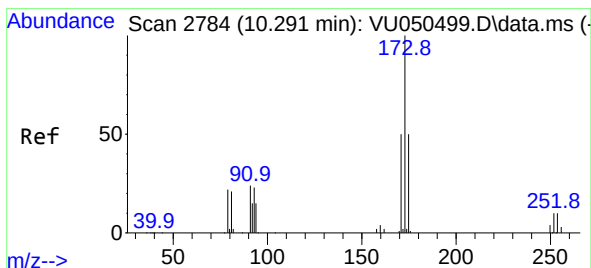
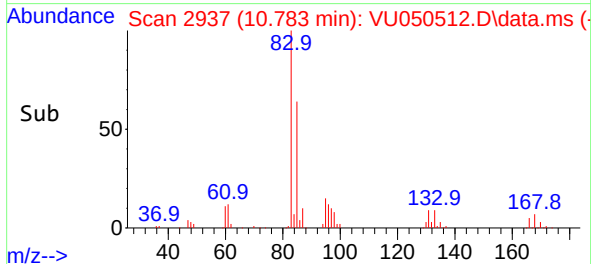
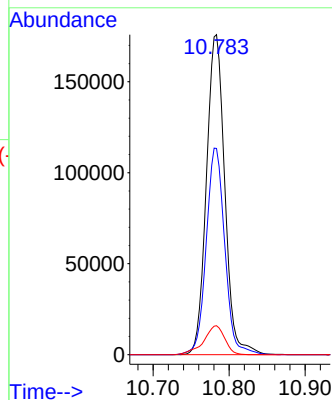
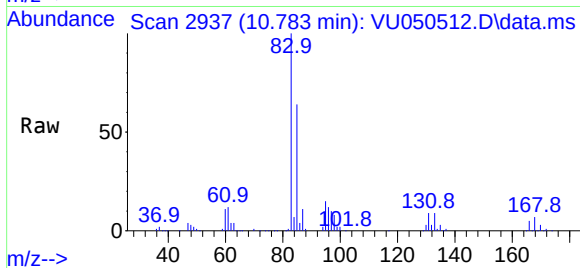
Tgt Ion: 83 Resp: 295428

Ion Ratio Lower Upper

83 100

85 64.5 45.4 84.2

131 9.0 7.2 10.8



#59

Bromoform

Concen: 37.988 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU050512.D

Acq: 30 Aug 2022 02:37

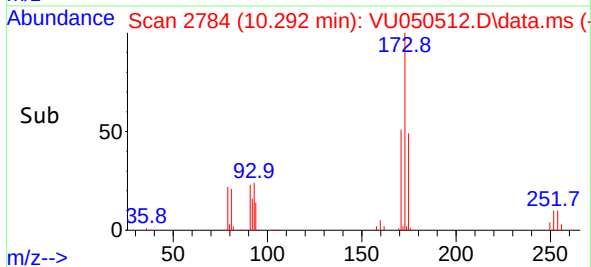
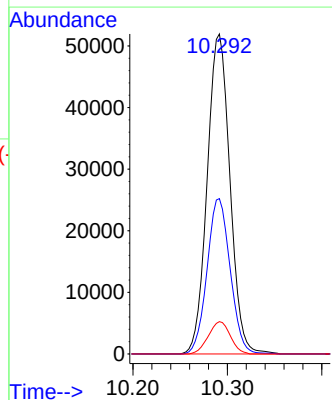
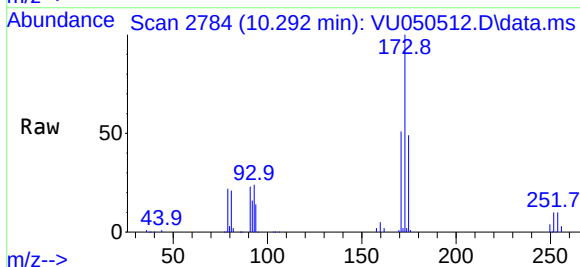
Tgt Ion:173 Resp: 86890

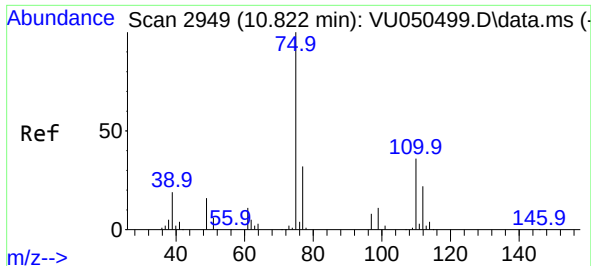
Ion Ratio Lower Upper

173 100

175 49.3 38.4 57.6

254 9.8 7.1 10.7

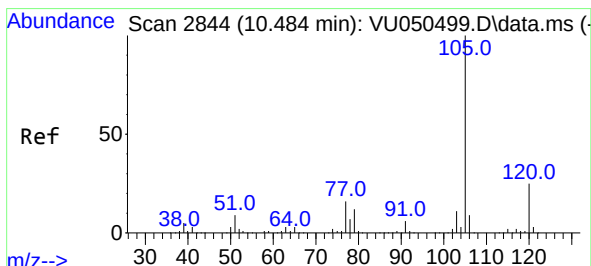
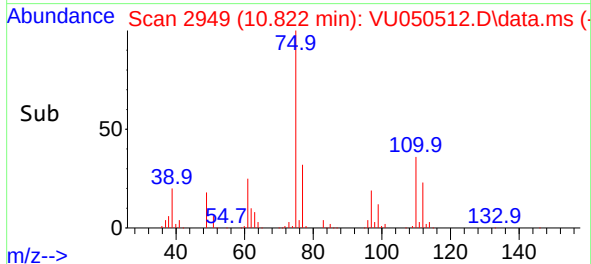
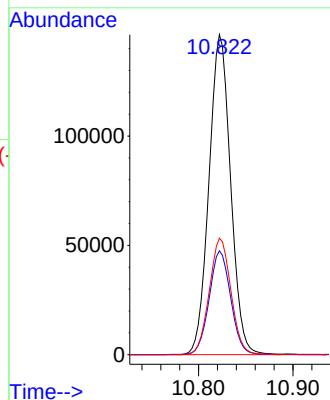
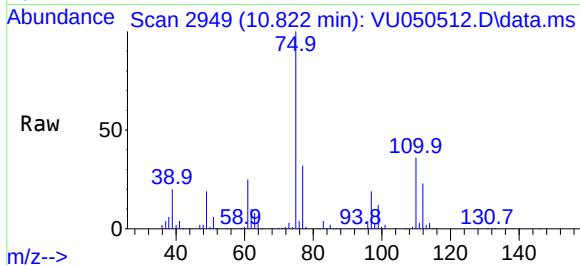




#60
1,2,3-Trichloropropane
Concen: 56.505 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU050512.D
Acq: 30 Aug 2022 02:37

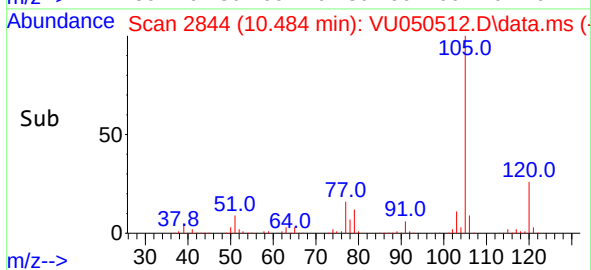
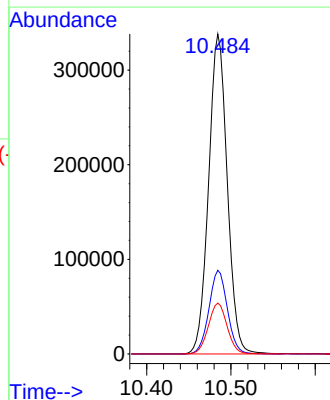
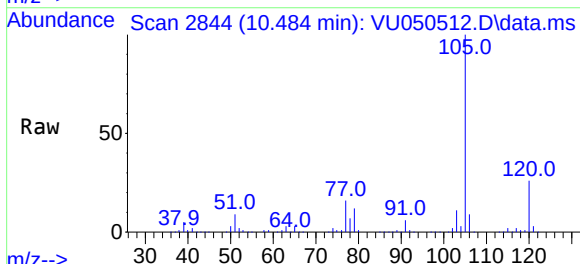
Instrument :
MSVOA_U
ClientSampleId :

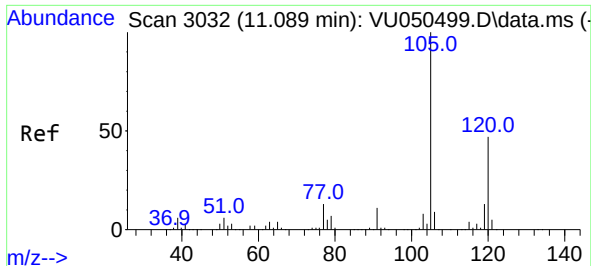
Tgt Ion: 75 Resp: 232578
Ion Ratio Lower Upper
75 100
77 32.2 25.7 38.5
110 36.4 29.0 43.4



#61
Isopropylbenzene
Concen: 52.657 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU050512.D
Acq: 30 Aug 2022 02:37

Tgt Ion: 105 Resp: 520225
Ion Ratio Lower Upper
105 100
120 25.9 20.7 31.1
77 16.1 12.5 18.7

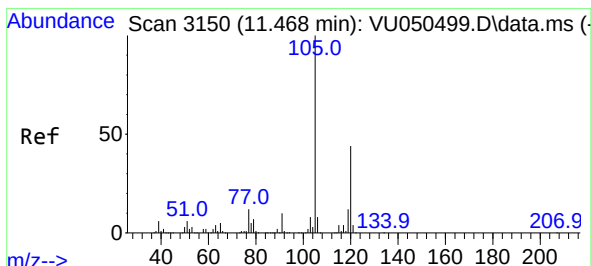
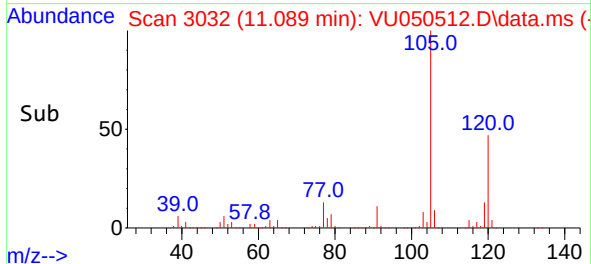
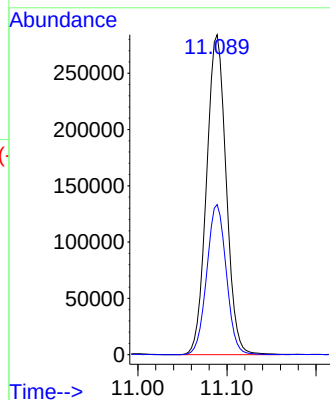
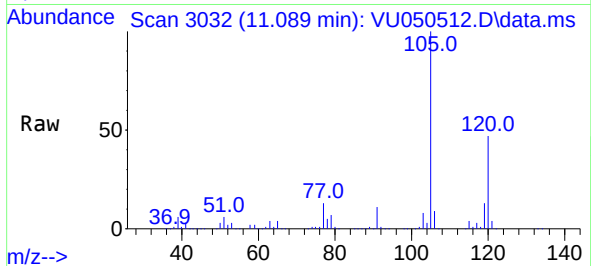




#62
1,3,5-Trimethylbenzene
Concen: 54.449 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU050512.D
Acq: 30 Aug 2022 02:37

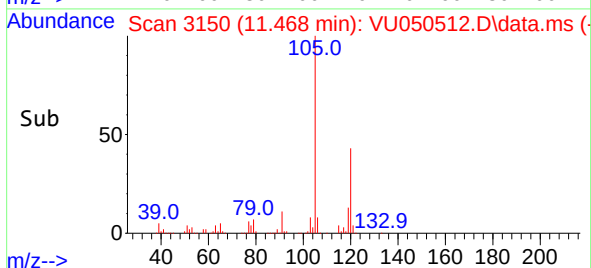
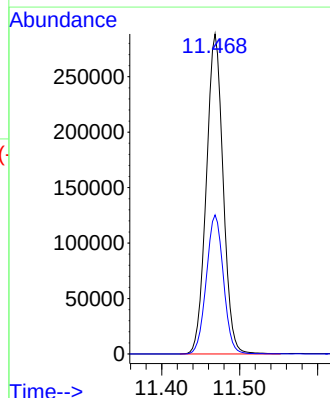
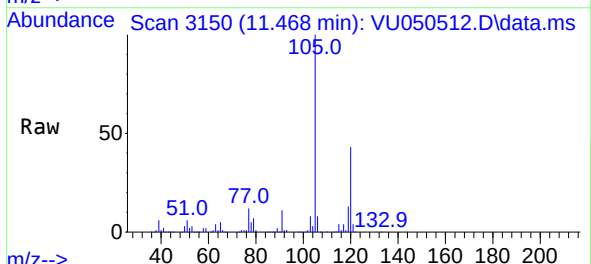
Instrument :
MSVOA_U
ClientSampleId :

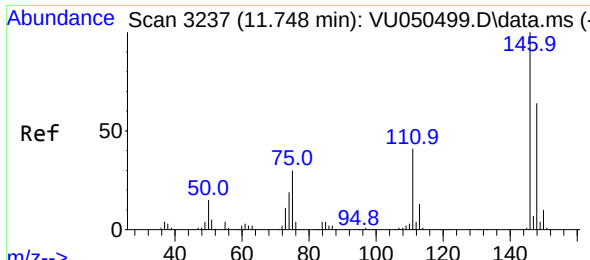
Tgt Ion:105 Resp: 434352
Ion Ratio Lower Upper
105 100
120 46.7 38.1 57.1



#63
1,2,4-Trimethylbenzene
Concen: 55.604 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU050512.D
Acq: 30 Aug 2022 02:37

Tgt Ion:105 Resp: 432626
Ion Ratio Lower Upper
105 100
120 44.1 35.3 52.9

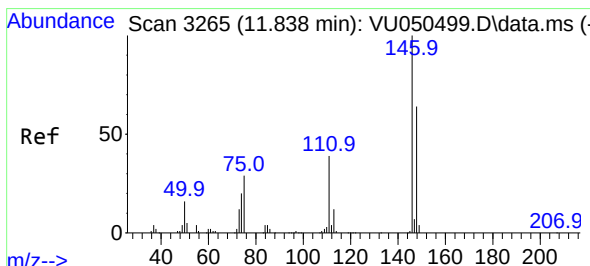
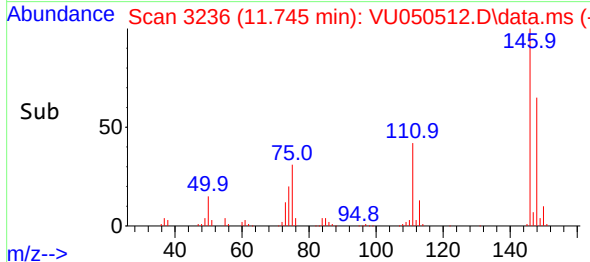
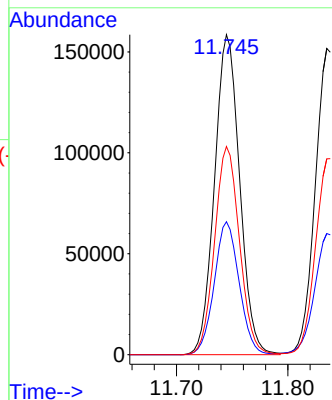
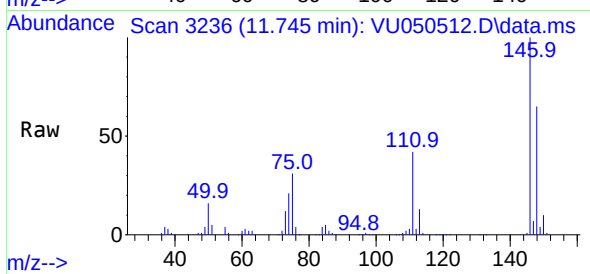




#64
1,3-Dichlorobenzene
Concen: 51.486 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU050512.D
Acq: 30 Aug 2022 02:37

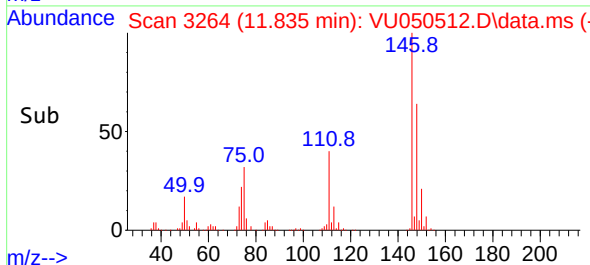
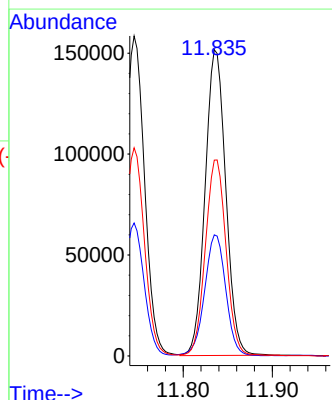
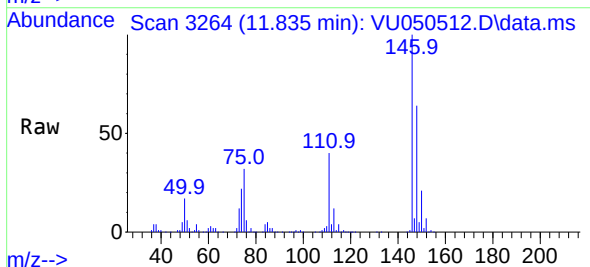
Instrument :
MSVOA_U
ClientSampleId :

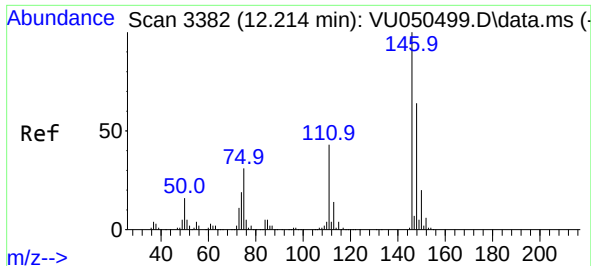
Tgt Ion:146 Resp: 248708
Ion Ratio Lower Upper
146 100
111 41.6 28.1 52.1
148 65.1 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 50.102 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU050512.D
Acq: 30 Aug 2022 02:37

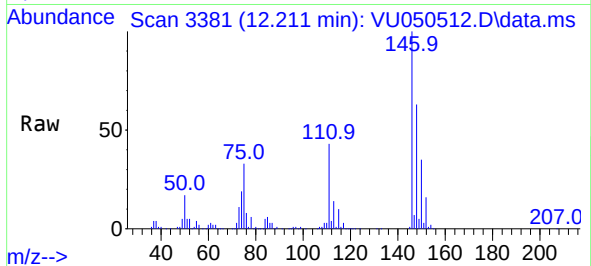
Tgt Ion:146 Resp: 243737
Ion Ratio Lower Upper
146 100
111 39.6 27.6 51.2
148 63.9 44.4 82.4



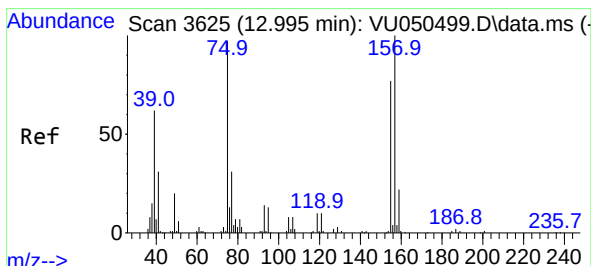
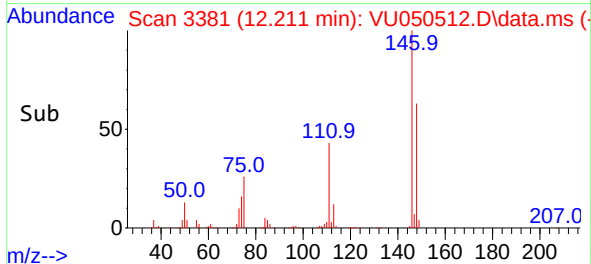
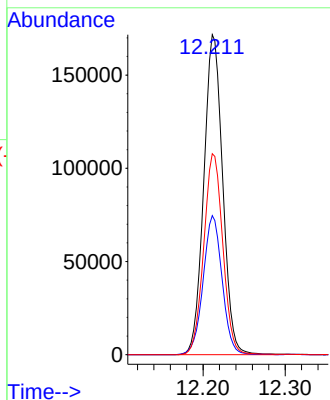


#67
1,2-Dichlorobenzene
Concen: 54.039 ug/L
RT: 12.211 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU050512.D
Acq: 30 Aug 2022 02:37

Instrument :
MSVOA_U
ClientSampleId :

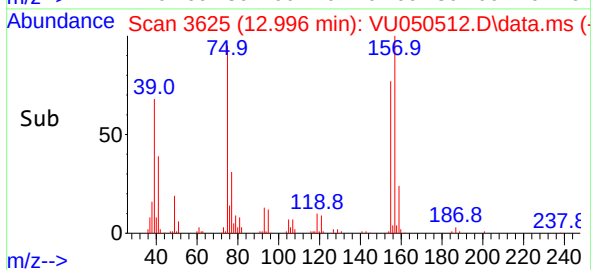
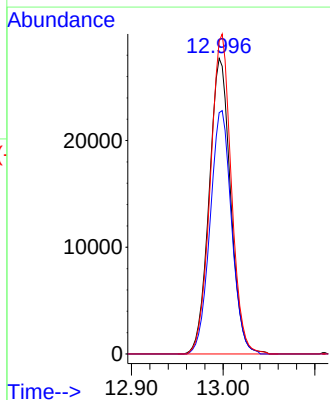
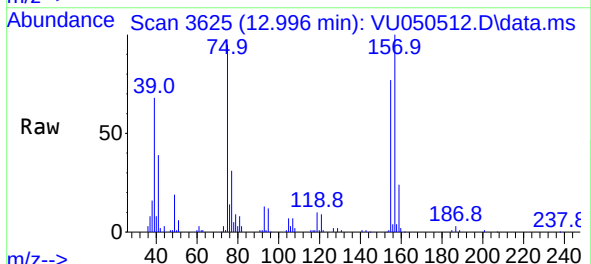


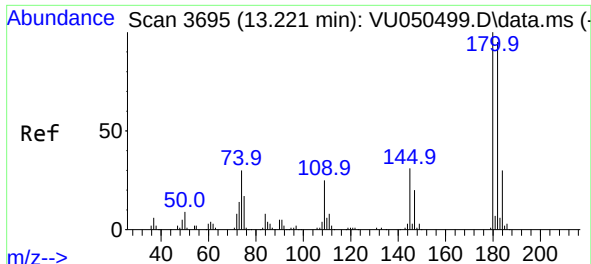
Tgt Ion:146 Resp: 274511
Ion Ratio Lower Upper
146 100
111 43.4 34.1 51.1
148 62.8 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 41.135 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU050512.D
Acq: 30 Aug 2022 02:37

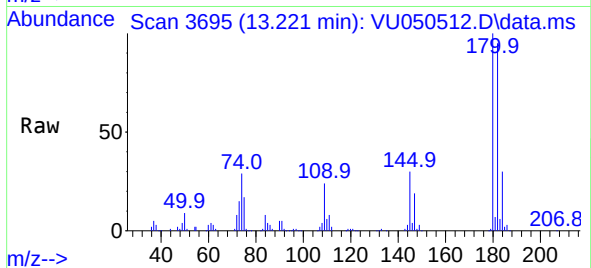
Tgt Ion: 75 Resp: 44998
Ion Ratio Lower Upper
75 100
155 81.6 63.1 94.7
157 109.8 84.2 126.2



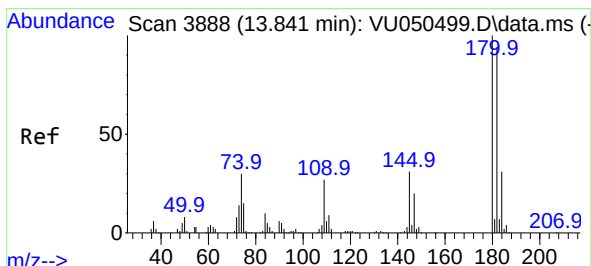
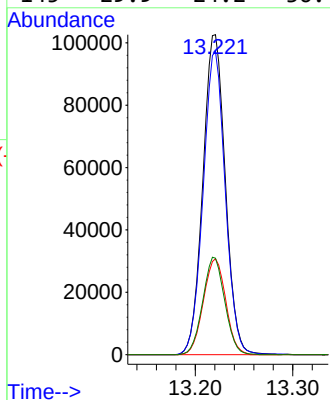
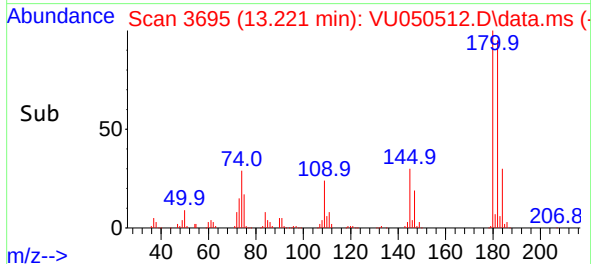


#69
 1,3,5-Trichlorobenzene
 Concen: 49.289 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU050512.D
 Acq: 30 Aug 2022 02:37

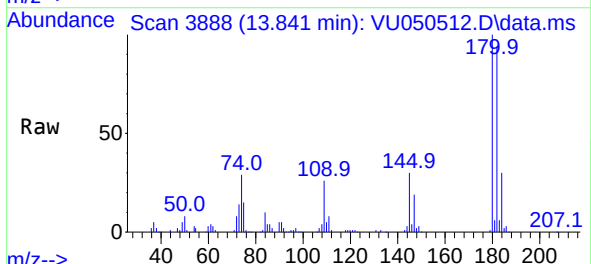
Instrument :
 MSVOA_U
 ClientSampleId :



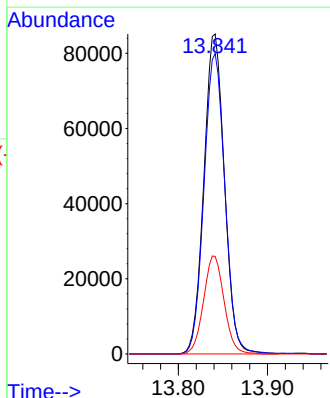
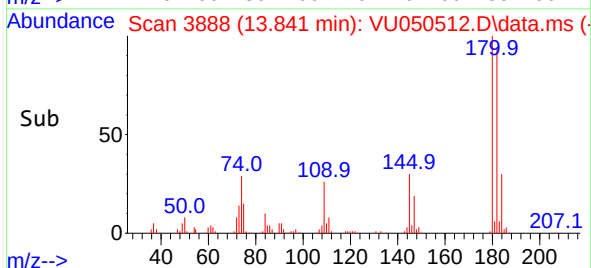
Tgt Ion:	180	Resp:	164124
Ion Ratio	Lower	Upper	
180	100		
182	93.4	77.0	115.6
184	29.9	24.1	36.1
145	29.9	24.2	36.4

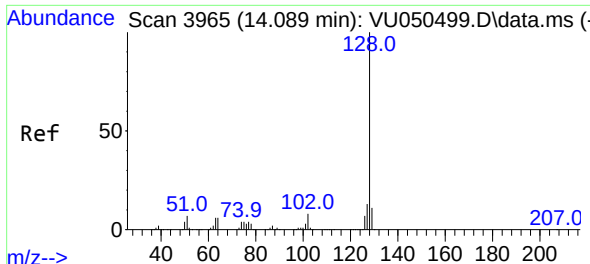


#70
 1,2,4-trichlorobenzene
 Concen: 51.126 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU050512.D
 Acq: 30 Aug 2022 02:37



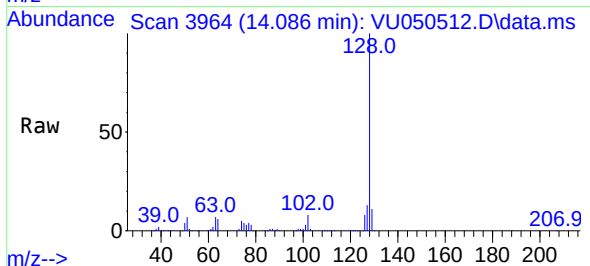
Tgt Ion:	180	Resp:	136339
Ion Ratio	Lower	Upper	
180	100		
182	95.5	75.4	113.2
145	30.6	23.9	35.9



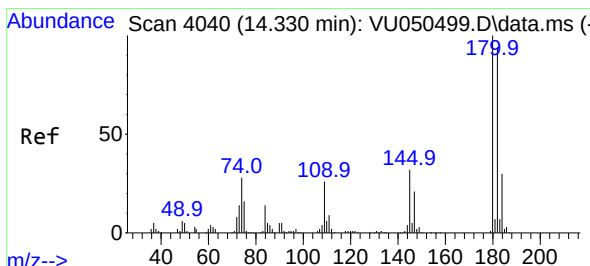
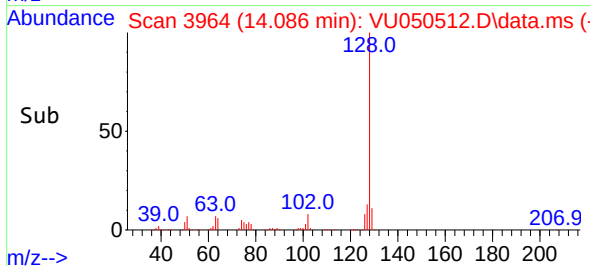
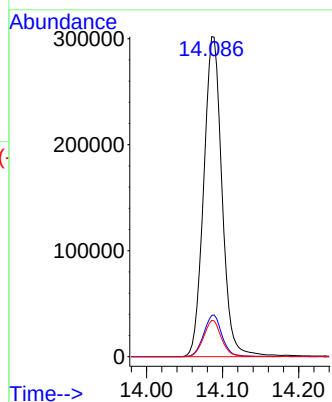


#71
Naphthalene
Concen: 57.668 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU050512.D
Acq: 30 Aug 2022 02:37

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 504467
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.1 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 54.623 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU050512.D
Acq: 30 Aug 2022 02:37

Tgt Ion:180 Resp: 159201
Ion Ratio Lower Upper
180 100
182 94.7 76.8 115.2
145 32.3 26.5 39.7

