

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042923\
 Data File : VU053979.D
 Acq On : 28 Apr 2023 19:08
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 29 04:33:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 14 01:54:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	254981	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	240597	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	129330	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	86733	43.685	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.360%
7) Chloroethane-d5	1.912	69	84354	55.104	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.200%
11) 1,1-Dichloroethene-d2	2.568	63	137616	44.777	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.560%
21) 2-Butanone-d5	4.626	46	81259	90.396	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.400%
24) Chloroform-d	5.060	84	161513	49.188	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.380%
26) 1,2-Dichloroethane-d4	5.697	65	94476	48.692	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.380%
32) Benzene-d6	5.722	84	313812	48.321	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.640%
36) 1,2-Dichloropropane-d6	6.684	67	96167	48.446	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.900%
41) Toluene-d8	7.893	98	301211	46.664	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.320%
43) trans-1,3-Dichloroprop...	8.176	79	48852	47.676	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.360%
47) 2-Hexanone-d5	8.629	63	66453	98.090	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.090%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	140651	50.272	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.540%
66) 1,2-Dichlorobenzene-d4	12.188	152	122113	45.234	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	90877	43.912	ug/L	98
3) Chloromethane	1.520	50	84352	49.603	ug/L	98
5) Vinyl chloride	1.604	62	98727	50.094	ug/L	98
6) Bromomethane	1.858	94	75485	52.639	ug/L	100
8) Chloroethane	1.935	64	77842	65.671	ug/L	99
9) Trichlorofluoromethane	2.137	101	162266	53.530	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	91333	52.025	ug/L	94
12) 1,1-Dichloroethene	2.578	96	79322	50.699	ug/L	97
13) Acetone	2.639	43	75368	93.293	ug/L	89
14) Carbon disulfide	2.790	76	161142	38.935	ug/L	98
15) Methyl Acetate	2.948	43	64787	52.357	ug/L	91
16) Methylene chloride	3.044	84	92846	52.796	ug/L	96
17) trans-1,2-Dichloroethene	3.350	96	80251	51.037	ug/L	97
18) Methyl tert-butyl Ether	3.359	73	265562	57.942	ug/L	98
19) 1,1-Dichloroethane	3.864	63	151482	58.158	ug/L	99
20) cis-1,2-Dichloroethene	4.661	96	99298	54.673	ug/L	98
22) 2-Butanone	4.706	43	94507	96.562	ug/L	89
23) Bromochloromethane	4.970	128	53902	53.281	ug/L	96
25) Chloroform	5.083	83	175311	58.682	ug/L	96

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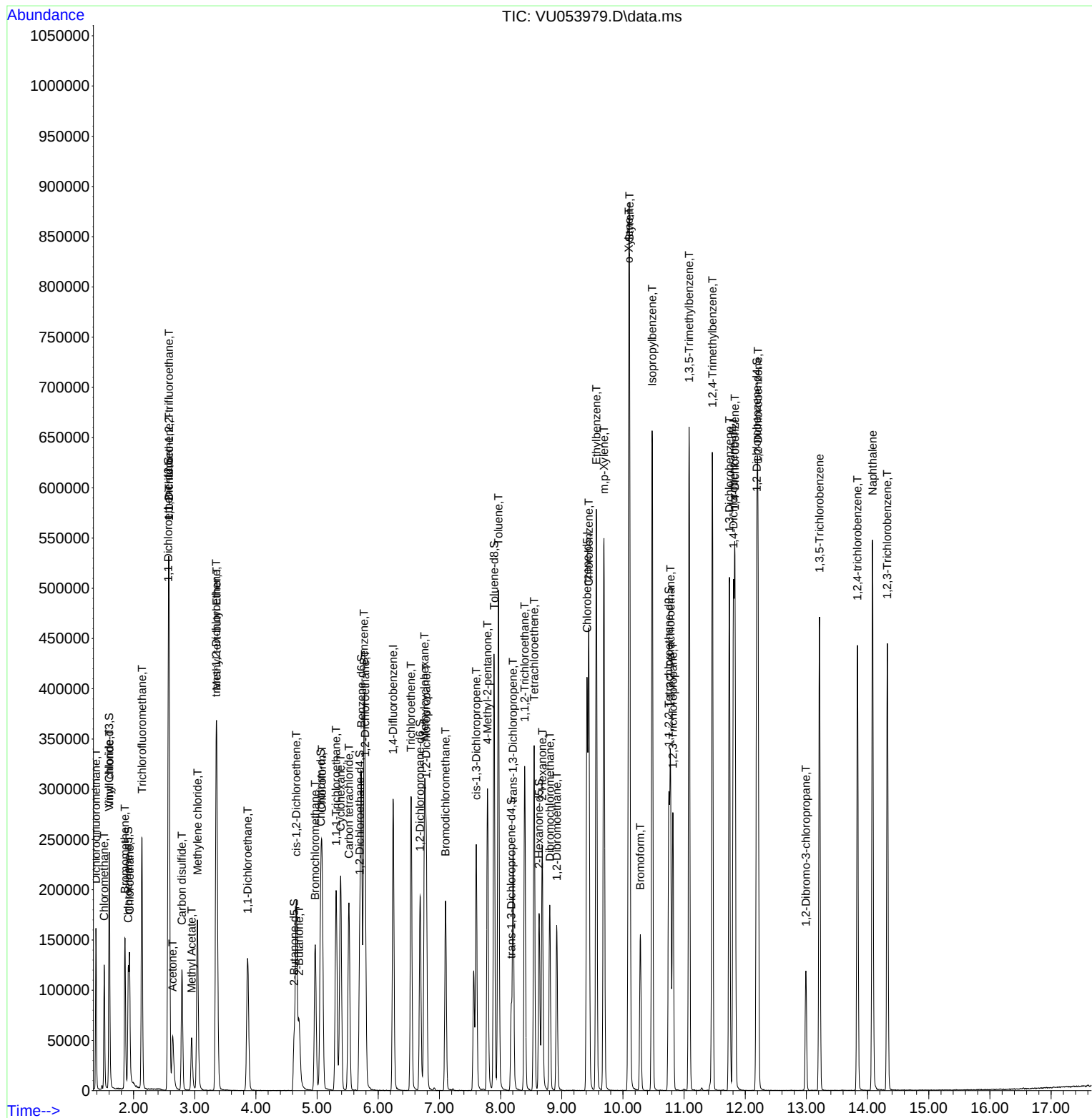
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.787	62	118962	54.373	ug/L	98
29) Cyclohexane	5.385	56	104664	45.188	ug/L	98
30) 1,1,1-Trichloroethane	5.311	97	148612	56.057	ug/L	100
31) Carbon tetrachloride	5.520	117	126199	53.131	ug/L	99
33) Benzene	5.768	78	348117	55.533	ug/L	100
34) Trichloroethene	6.536	95	98243	51.817	ug/L	96
35) Methylcyclohexane	6.758	83	127615	45.791	ug/L	98
37) 1,2-Dichloropropane	6.784	63	92413	58.059	ug/L	99
38) Bromodichloromethane	7.099	83	122482	57.682	ug/L	99
39) cis-1,3-Dichloropropene	7.603	75	150484	57.855	ug/L	98
40) 4-Methyl-2-pentanone	7.787	43	180982	104.633	ug/L	96
42) Toluene	7.964	91	385846	54.315	ug/L	100
44) trans-1,3-Dichloropropene	8.205	75	141971	57.737	ug/L	98
45) 1,1,2-Trichloroethane	8.394	97	104529	59.814	ug/L	98
46) Tetrachloroethene	8.549	164	75887	48.234	ug/L	96
48) 2-Hexanone	8.681	43	145097	103.702	ug/L	98
49) Dibromochloromethane	8.806	129	99350	54.674	ug/L	97
50) 1,2-Dibromoethane	8.918	107	107953	55.214	ug/L	100
51) Chlorobenzene	9.443	112	263376	53.810	ug/L	99
52) Ethylbenzene	9.565	91	425442	53.799	ug/L	99
53) m,p-Xylene	9.690	106	165450	53.495	ug/L	99
54) o-Xylene	10.095	106	165512	54.127	ug/L	97
55) Styrene	10.108	104	282355	56.690	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.777	83	155963	60.785	ug/L	98
59) Bromoform	10.285	173	71085	53.699	ug/L	98
60) 1,2,3-Trichloropropane	10.819	75	117812	62.825	ug/L	99
61) Isopropylbenzene	10.478	105	434634	56.842	ug/L	99
62) 1,3,5-Trimethylbenzene	11.082	105	358828	56.452	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	356001	56.548	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	216160	54.102	ug/L	97
65) 1,4-Dichlorobenzene	11.832	146	213758	52.493	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	218036	54.755	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	28682	57.374	ug/L	96
69) 1,3,5-Trichlorobenzene	13.214	180	150722	50.942	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	139822	50.972	ug/L	99
71) Naphthalene	14.082	128	452193	55.074	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	140349	51.225	ug/L	100

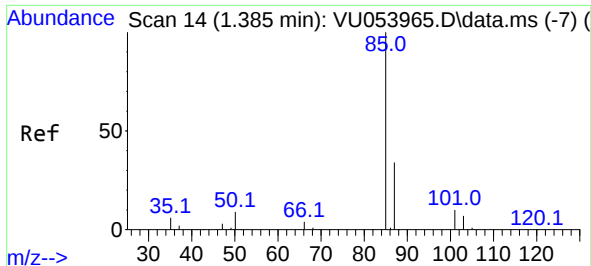
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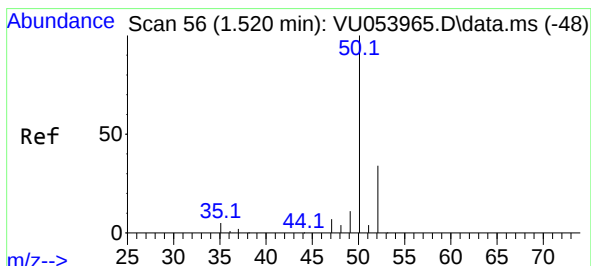
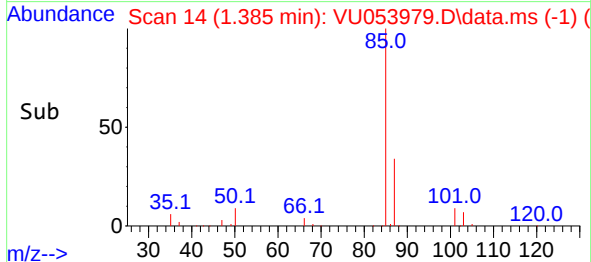
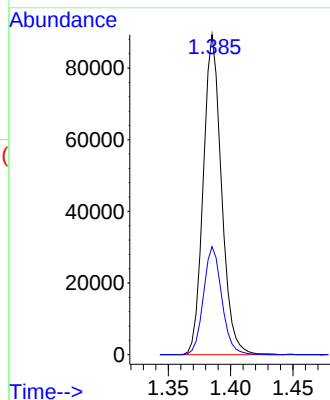
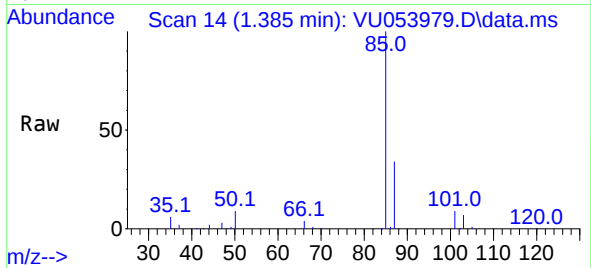




#2
Dichlorodifluoromethane
Concen: 43.912 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU053979.D
Acq: 28 Apr 2023 19:08

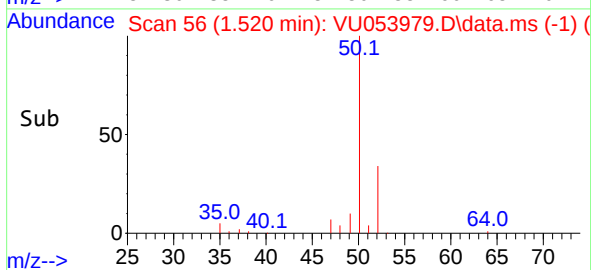
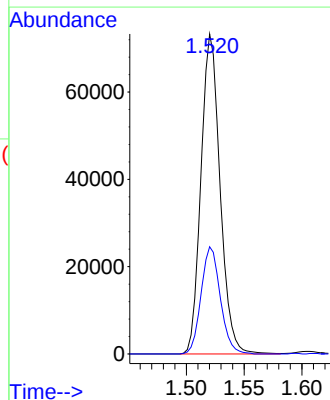
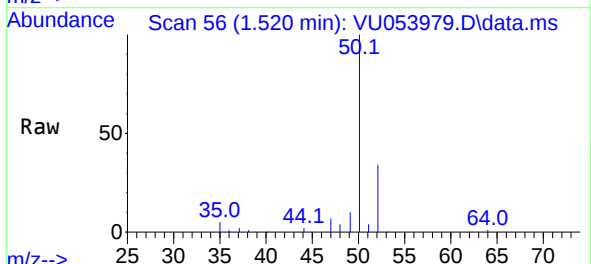
Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 85 Resp: 90877
Ion Ratio Lower Upper
85 100
87 33.9 26.4 39.6

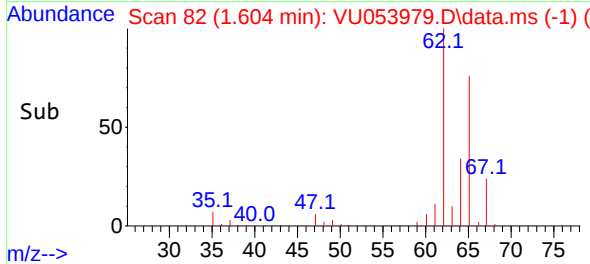
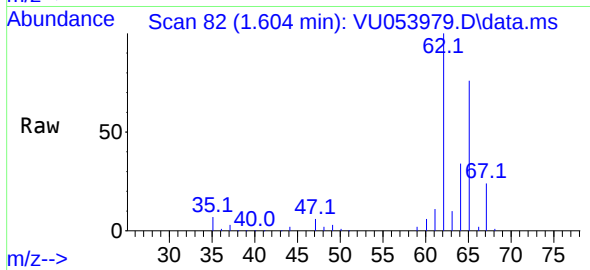
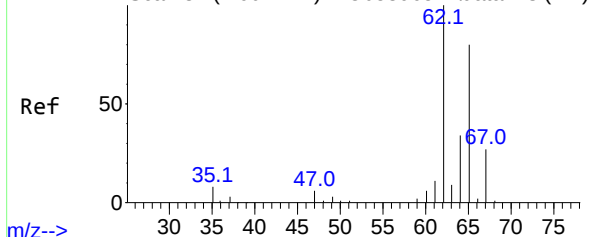


#3
Chloromethane
Concen: 49.603 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU053979.D
Acq: 28 Apr 2023 19:08

Tgt Ion: 50 Resp: 84352
Ion Ratio Lower Upper
50 100
52 33.5 22.7 42.1



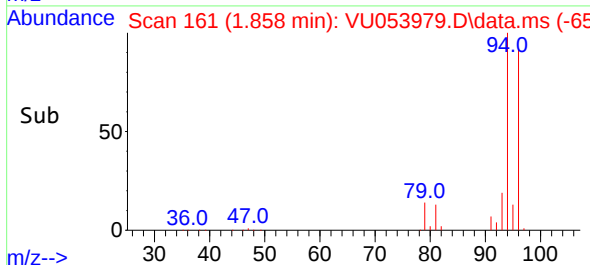
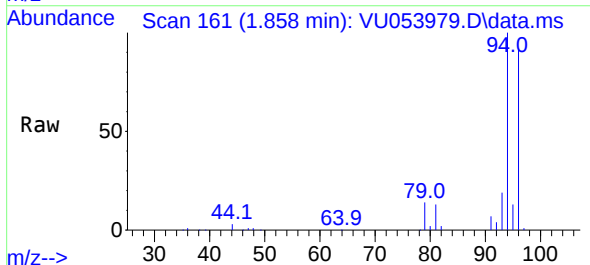
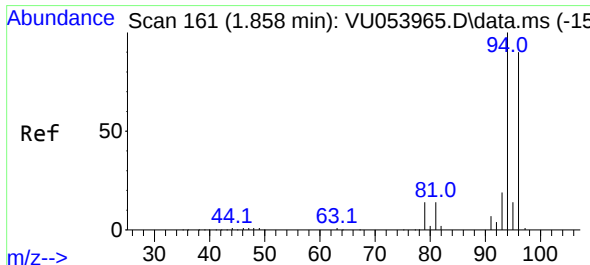
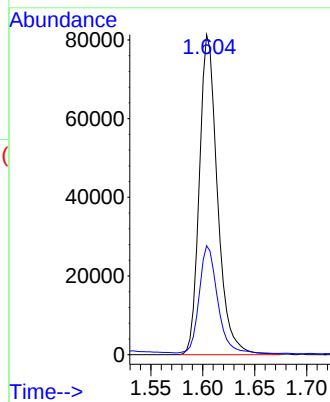
Abundance Scan 82 (1.604 min): VU053965.D\data.ms (-74)



#5
Vinyl chloride
Concen: 50.094 ug/L
RT: 1.604 min Scan# 81
Delta R.T. 0.003 min
Lab File: VU053979.D
Acq: 28 Apr 2023 19:08

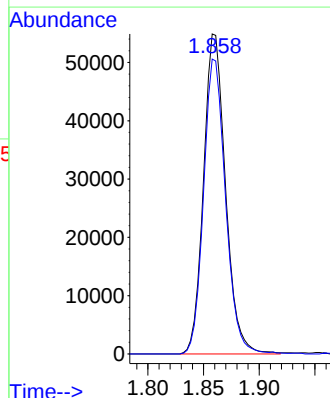
Instrument :
MSVOA_U
ClientSampleId :

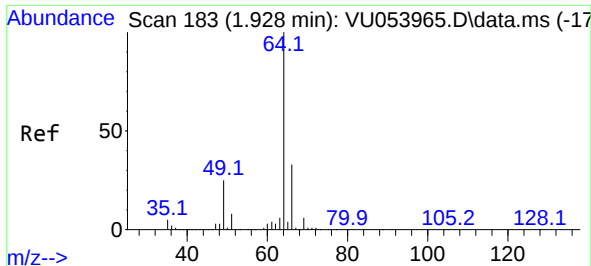
Tgt Ion: 62 Resp: 98727
Ion Ratio Lower Upper
62 100
64 34.1 23.2 43.0



#6
Bromomethane
Concen: 52.639 ug/L
RT: 1.858 min Scan# 161
Delta R.T. 0.009 min
Lab File: VU053979.D
Acq: 28 Apr 2023 19:08

Tgt Ion: 94 Resp: 75485
Ion Ratio Lower Upper
94 100
96 92.2 64.4 119.6

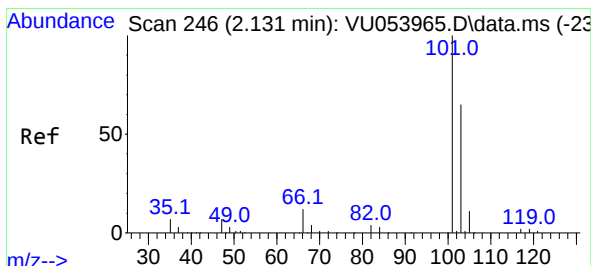
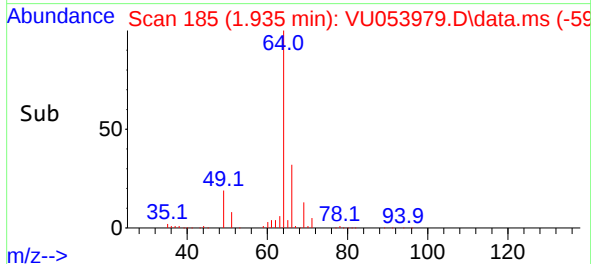
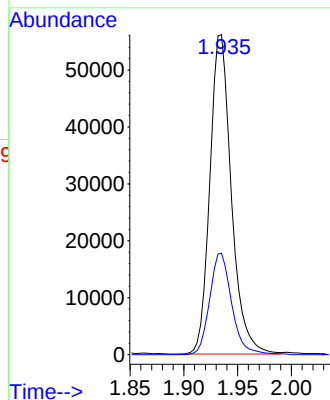
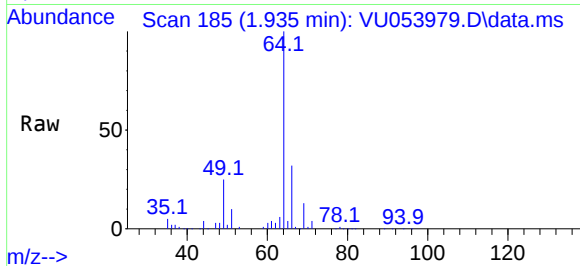




#8
Chloroethane
Concen: 65.671 ug/L
RT: 1.935 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU053979.D
Acq: 28 Apr 2023 19:08

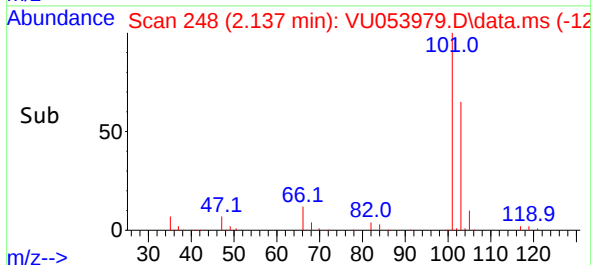
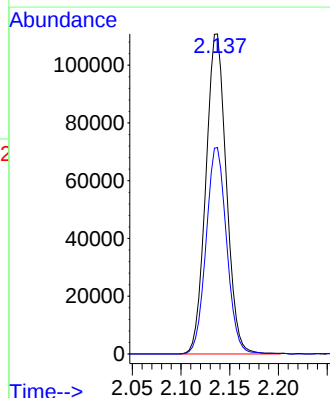
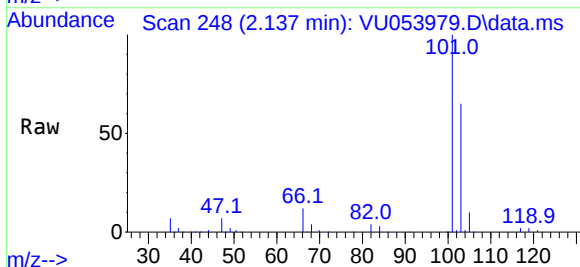
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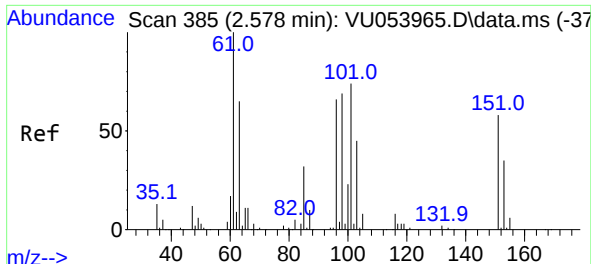
Tgt Ion: 64 Resp: 77842
Ion Ratio Lower Upper
64 100
66 31.7 21.8 40.6



#9
Trichlorofluoromethane
Concen: 53.530 ug/L
RT: 2.137 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU053979.D
Acq: 28 Apr 2023 19:08

Tgt Ion:101 Resp: 162266
Ion Ratio Lower Upper
101 100
103 64.6 52.5 78.7

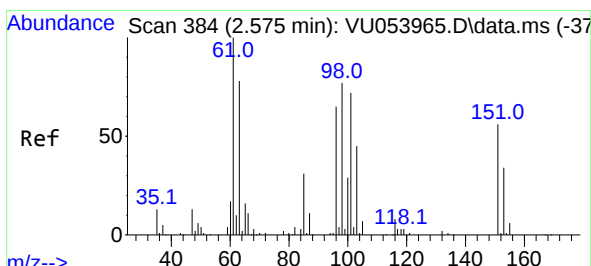
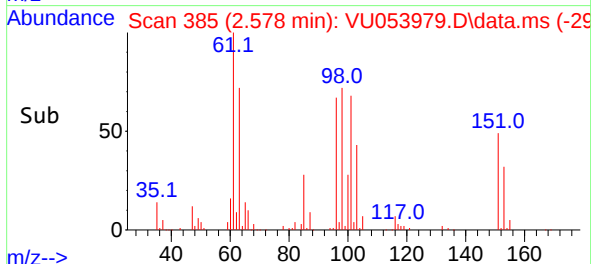
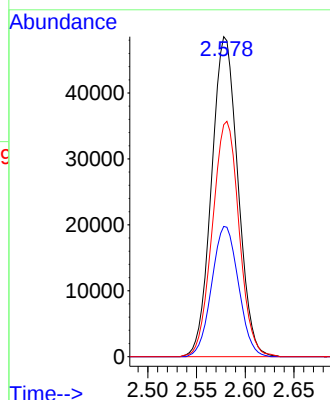
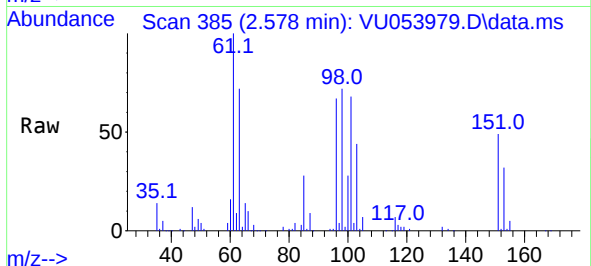




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 52.025 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU053979.D
Acq: 28 Apr 2023 19:08

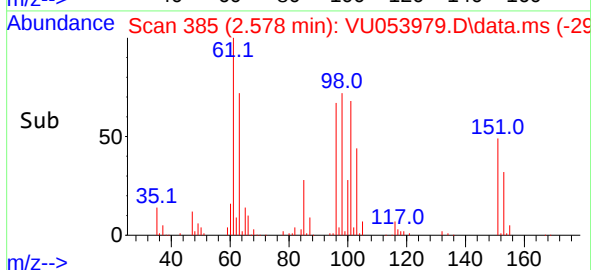
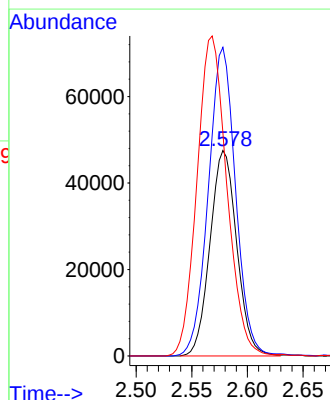
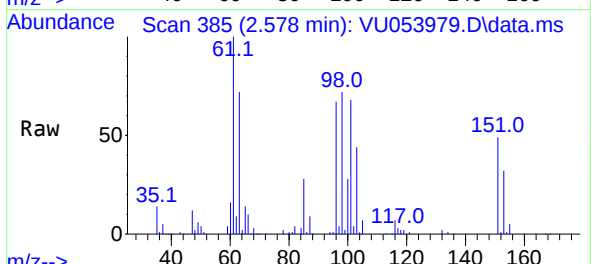
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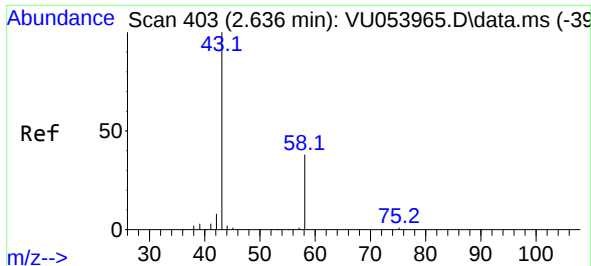
Tgt Ion:101 Resp: 91333
Ion Ratio Lower Upper
101 100
85 41.3 32.6 48.8
151 74.6 65.8 98.6



#12
1,1-Dichloroethene
Concen: 50.699 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.003 min
Lab File: VU053979.D
Acq: 28 Apr 2023 19:08

Tgt Ion: 96 Resp: 79322
Ion Ratio Lower Upper
96 100
61 150.3 107.9 200.5
63 108.6 79.1 146.9





#13

Acetone

Concen: 93.293 ug/L

RT: 2.639 min Scan# 403

Delta R.T. 0.022 min

Lab File: VU053979.D

Acq: 28 Apr 2023 19:08

Instrument :

MSVOA_U

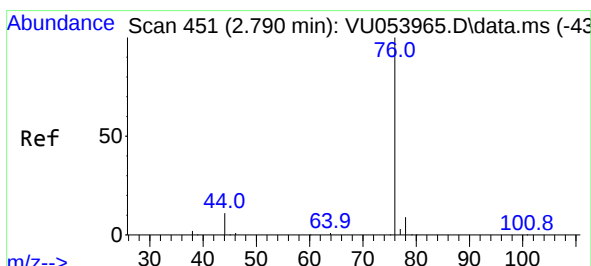
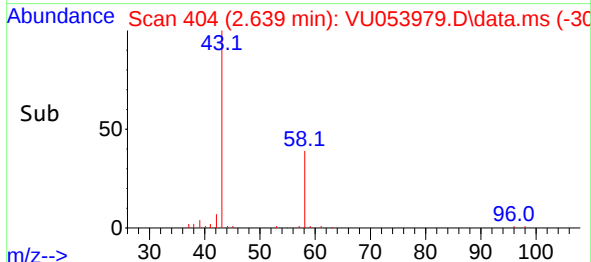
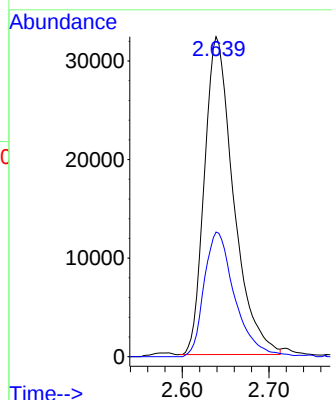
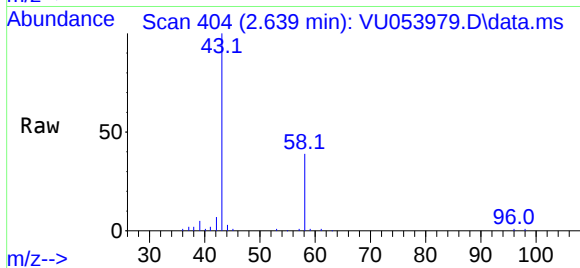
ClientSampleId :

Tgt Ion: 43 Resp: 75368

Ion Ratio Lower Upper

43 100

58 41.2 0.0 70.2



#14

Carbon disulfide

Concen: 38.935 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU053979.D

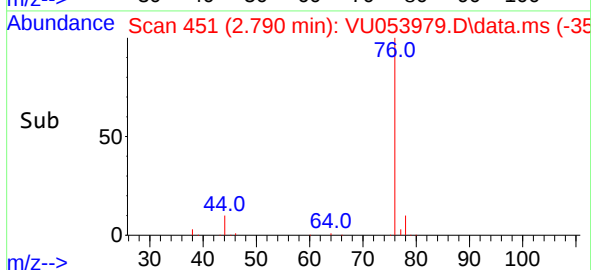
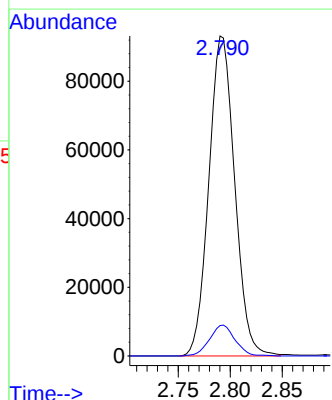
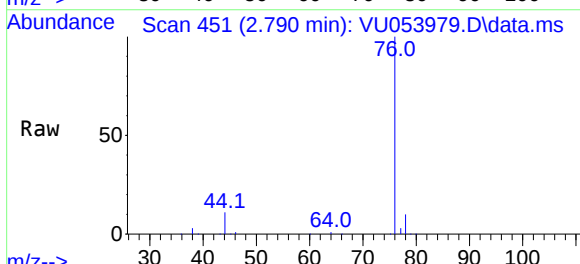
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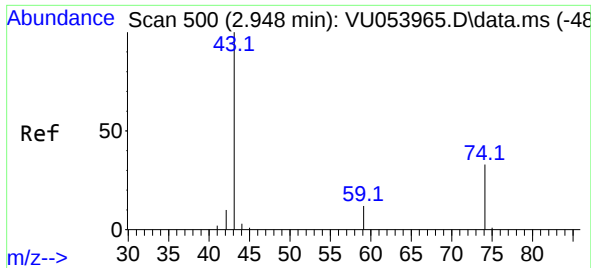
Tgt Ion: 76 Resp: 161142

Ion Ratio Lower Upper

76 100

78 9.5 8.2 12.2

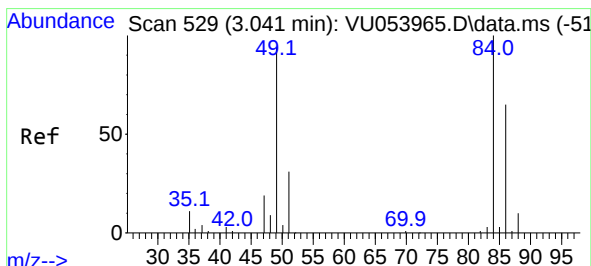
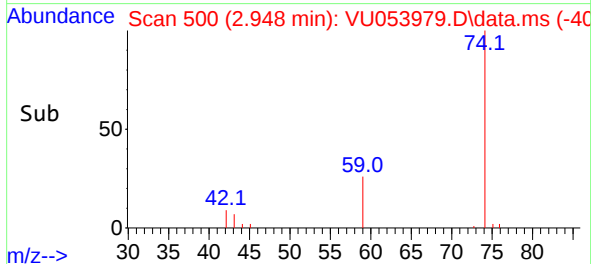
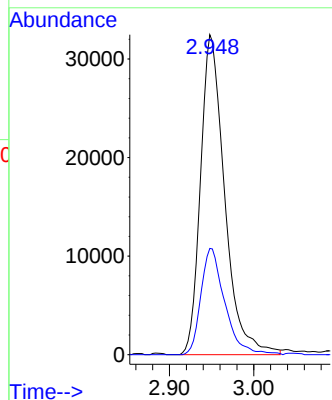
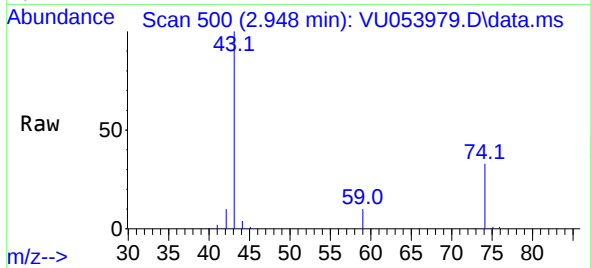




#15
Methyl Acetate
Concen: 52.357 ug/L
RT: 2.948 min Scan# 500
Delta R.T. 0.006 min
Lab File: VU053979.D
Acq: 28 Apr 2023 19:08

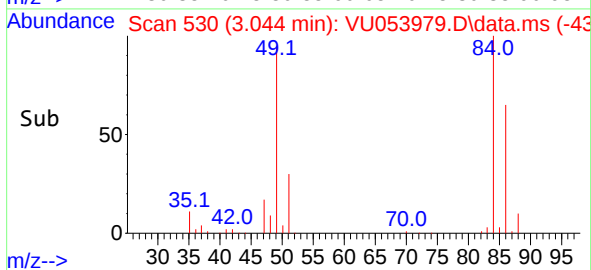
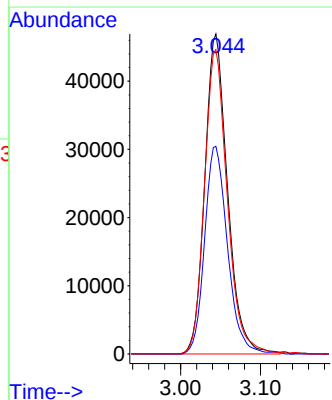
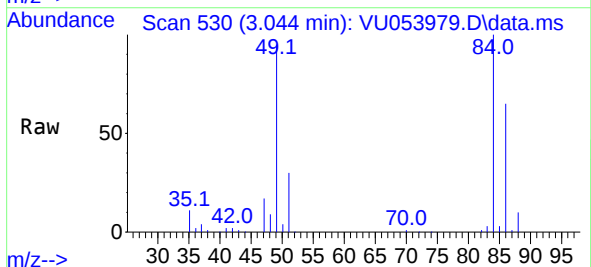
Instrument :
MSVOA_U
ClientSampleId :

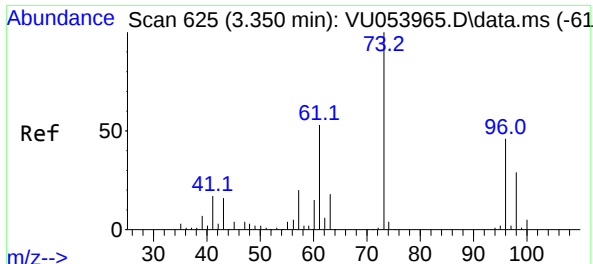
Tgt Ion: 43 Resp: 64787
Ion Ratio Lower Upper
43 100
74 32.3 22.0 33.0



#16
Methylene chloride
Concen: 52.796 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU053979.D
Acq: 28 Apr 2023 19:08

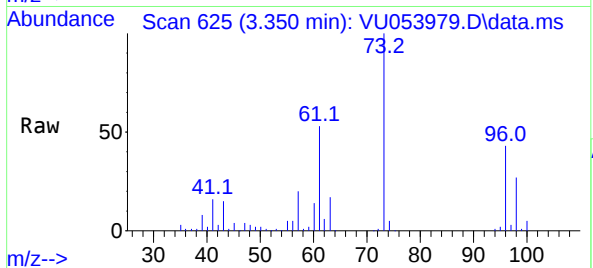
Tgt Ion: 84 Resp: 92846
Ion Ratio Lower Upper
84 100
86 64.9 43.5 80.9
49 95.1 69.7 129.5



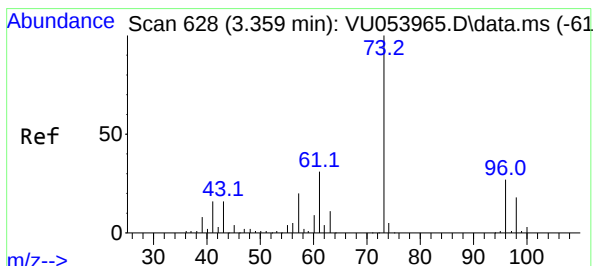
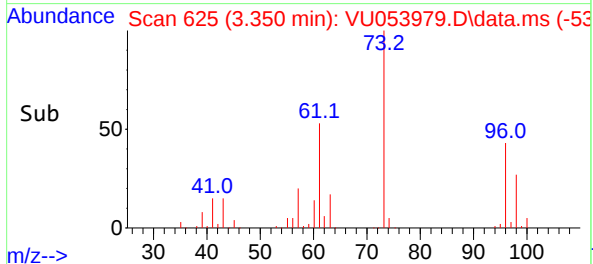
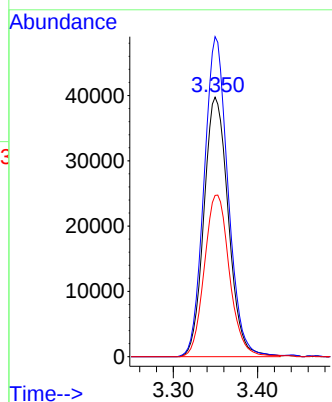


#17
trans-1,2-Dichloroethene
Concen: 51.037 ug/L
RT: 3.350 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU053979.D
Acq: 28 Apr 2023 19:08

Instrument :
MSVOA_U
ClientSampleId :

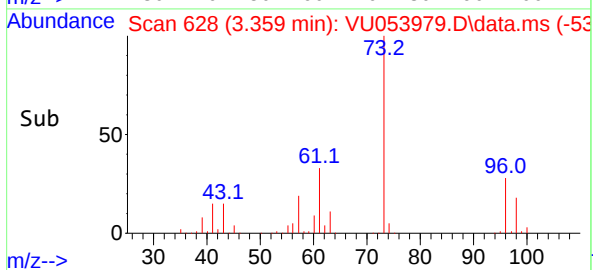
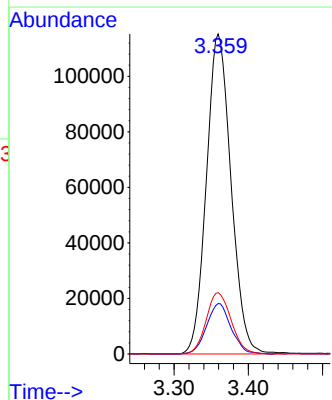
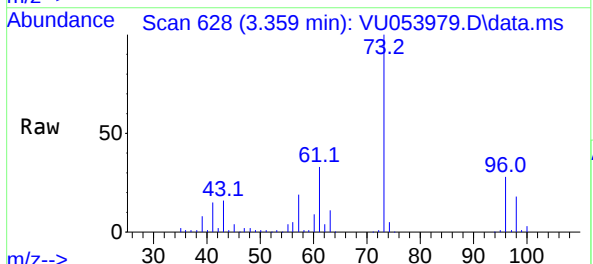


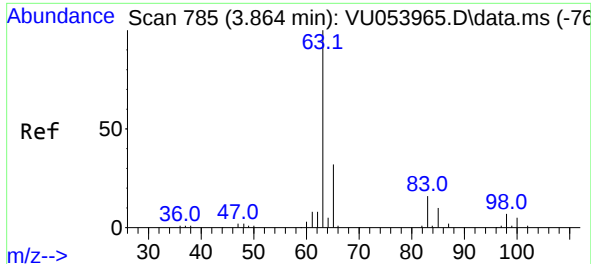
Tgt Ion: 96 Resp: 80251
Ion Ratio Lower Upper
96 100
61 123.3 84.4 156.8
98 62.2 46.0 85.4



#18
Methyl tert-butyl Ether
Concen: 57.942 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.003 min
Lab File: VU053979.D
Acq: 28 Apr 2023 19:08

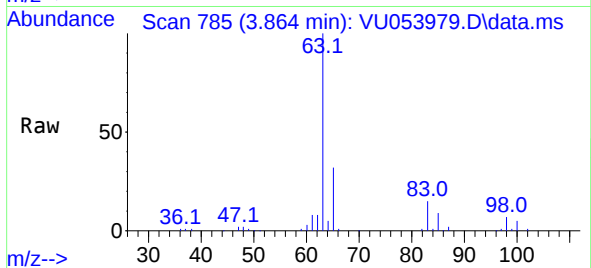
Tgt Ion: 73 Resp: 265562
Ion Ratio Lower Upper
73 100
43 15.7 13.8 20.8
57 19.5 15.9 23.9



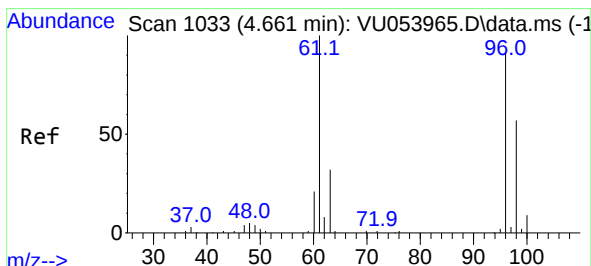
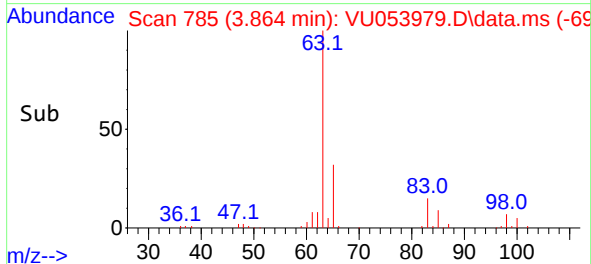
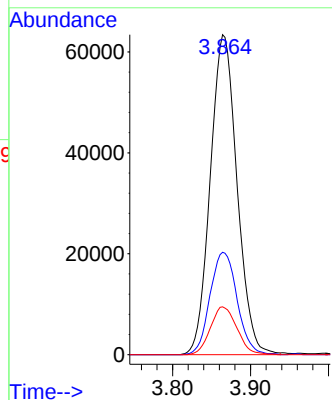


#19
1,1-Dichloroethane
Concen: 58.158 ug/L
RT: 3.864 min Scan# 785
Delta R.T. -0.000 min
Lab File: VU053979.D
Acq: 28 Apr 2023 19:08

Instrument :
MSVOA_U
ClientSampleId :

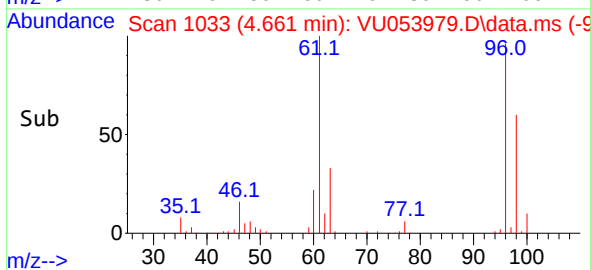
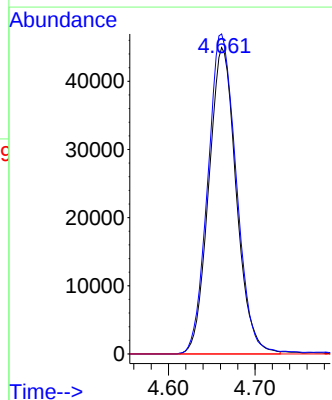
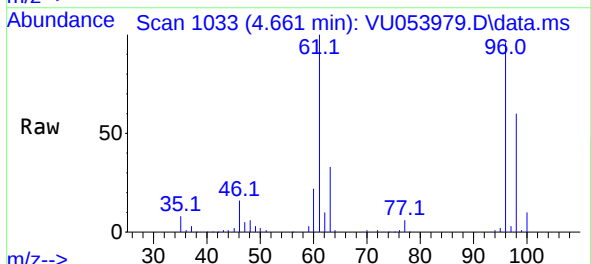


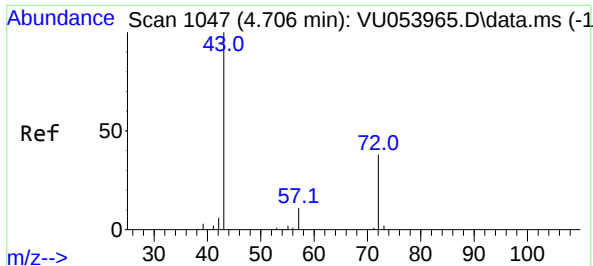
Tgt Ion: 63 Resp: 151482
Ion Ratio Lower Upper
63 100
65 32.0 22.0 41.0
83 14.9 10.8 20.0



#20
cis-1,2-Dichloroethene
Concen: 54.673 ug/L
RT: 4.661 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VU053979.D
Acq: 28 Apr 2023 19:08

Tgt Ion: 96 Resp: 99298
Ion Ratio Lower Upper
96 100
61 104.4 74.7 138.7
68 0.0 0.0 0.0

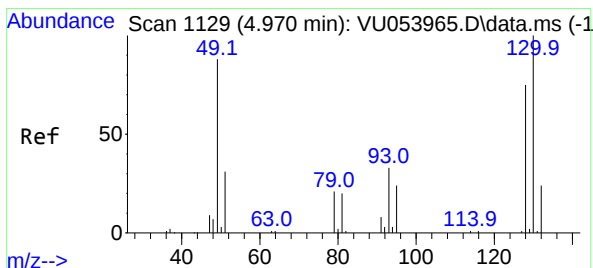
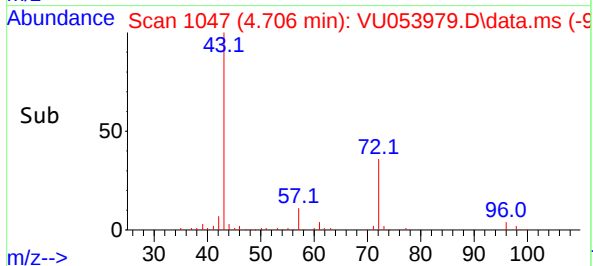
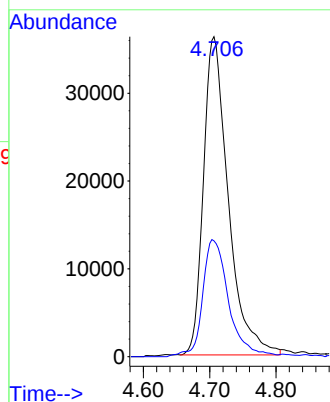
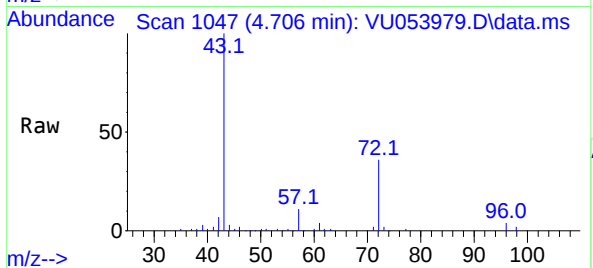




#22
2-Butanone
Concen: 96.562 ug/L
RT: 4.706 min Scan# 1047
Delta R.T. 0.016 min
Lab File: VU053979.D
Acq: 28 Apr 2023 19:08

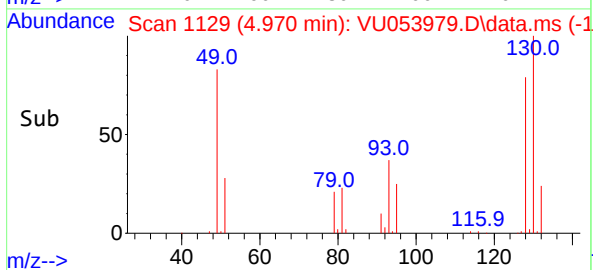
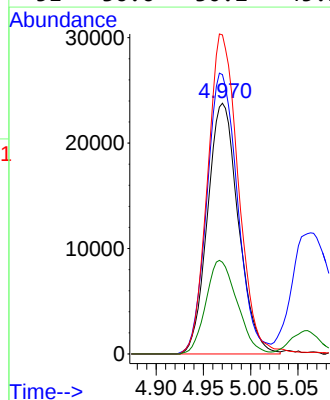
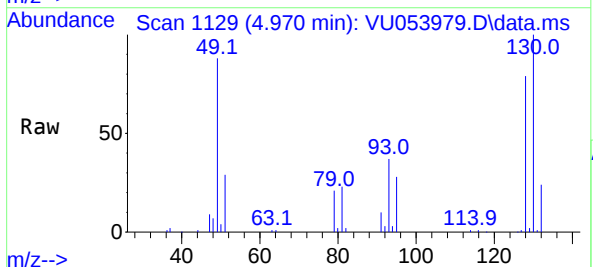
Instrument :
MSVOA_U
ClientSampleId :

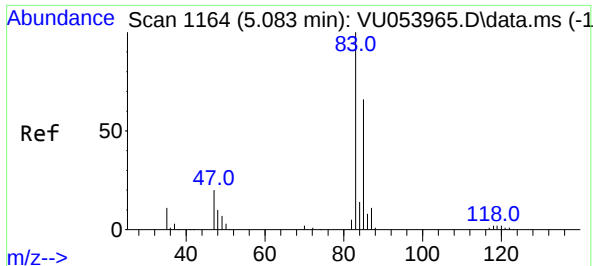
Tgt Ion: 43 Resp: 94507
Ion Ratio Lower Upper
43 100
72 37.7 15.8 47.3



#23
Bromochloromethane
Concen: 53.281 ug/L
RT: 4.970 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VU053979.D
Acq: 28 Apr 2023 19:08

Tgt Ion:128 Resp: 53902
Ion Ratio Lower Upper
128 100
49 111.4 81.5 151.3
130 127.2 91.8 170.4
51 36.6 30.2 45.2

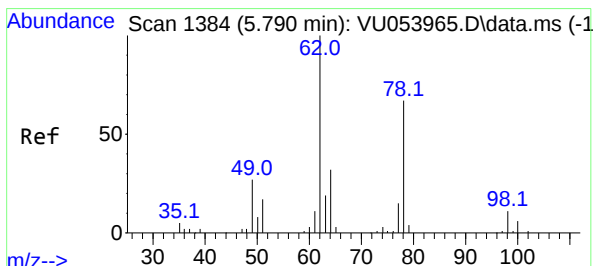
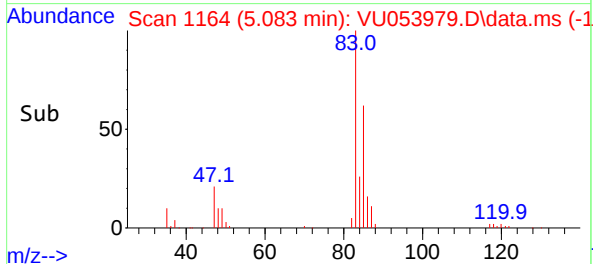
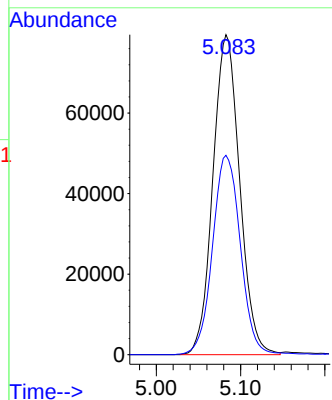
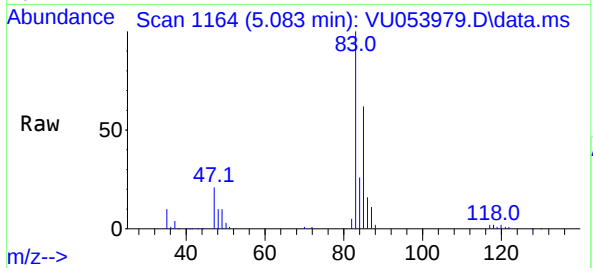




#25
Chloroform
Concen: 58.682 ug/L
RT: 5.083 min Scan# 1164
Delta R.T. -0.000 min
Lab File: VU053979.D
Acq: 28 Apr 2023 19:08

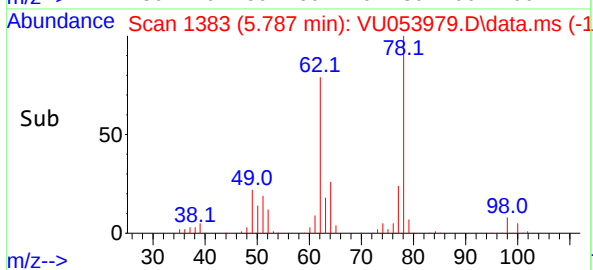
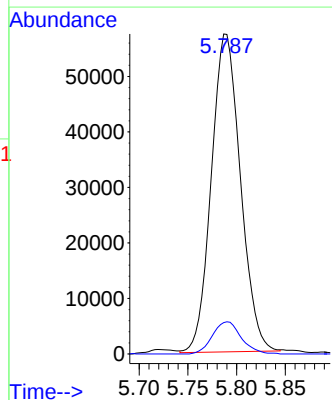
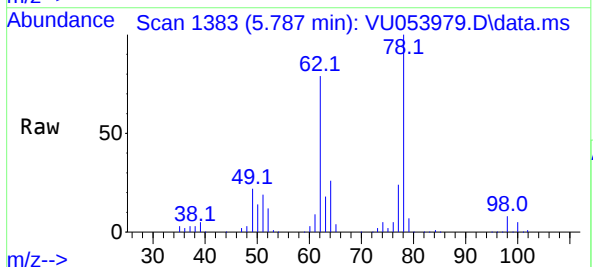
Instrument :
MSVOA_U
ClientSampleId :

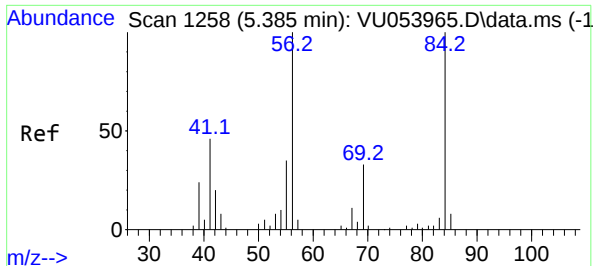
Tgt Ion: 83 Resp: 175311
Ion Ratio Lower Upper
83 100
85 62.3 46.1 85.5



#27
1,2-Dichloroethane
Concen: 54.373 ug/L
RT: 5.787 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VU053979.D
Acq: 28 Apr 2023 19:08

Tgt Ion: 62 Resp: 118962
Ion Ratio Lower Upper
62 100
98 9.8 8.3 12.5





#29

Cyclohexane

Concen: 45.188 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. 0.003 min

Lab File: VU053979.D

Acq: 28 Apr 2023 19:08

Instrument :

MSVOA_U

ClientSampleId :

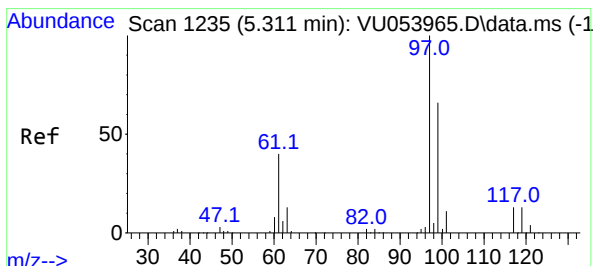
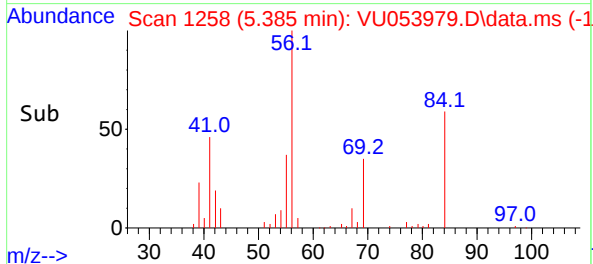
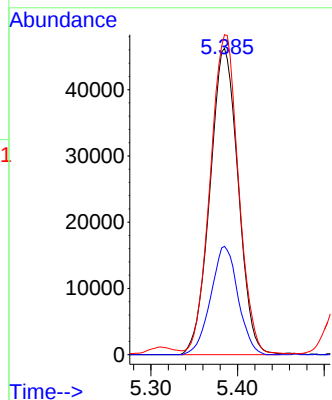
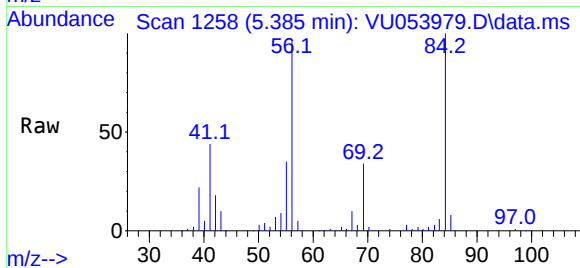
Tgt Ion: 56 Resp: 104664

Ion Ratio Lower Upper

56 100

69 34.2 27.3 40.9

84 104.7 81.3 121.9



#30

1,1,1-Trichloroethane

Concen: 56.057 ug/L

RT: 5.311 min Scan# 1235

Delta R.T. -0.000 min

Lab File: VU053979.D

Acq: 28 Apr 2023 19:08

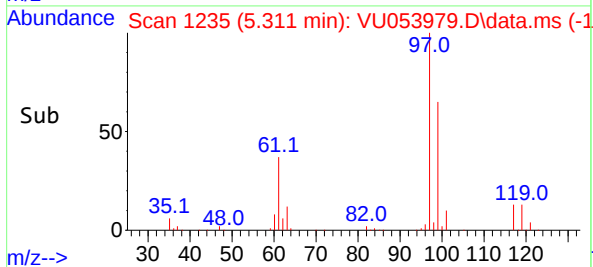
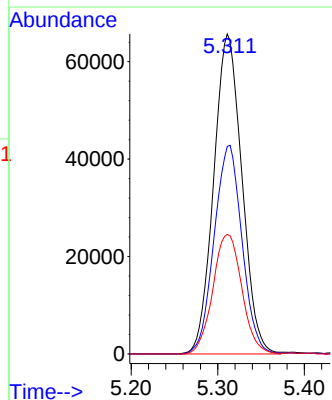
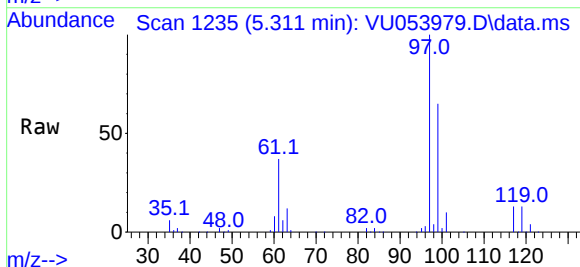
Tgt Ion: 97 Resp: 148612

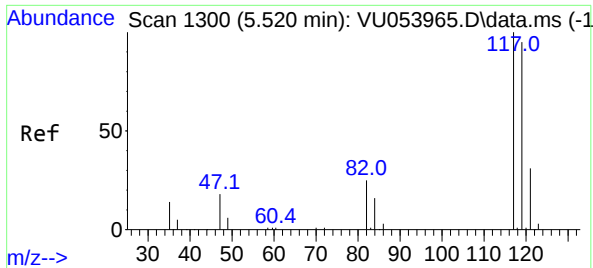
Ion Ratio Lower Upper

97 100

99 64.5 51.6 77.4

61 38.4 31.0 46.4

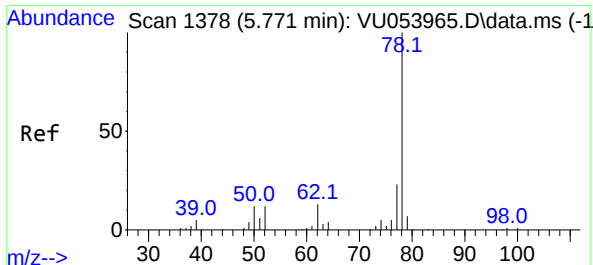
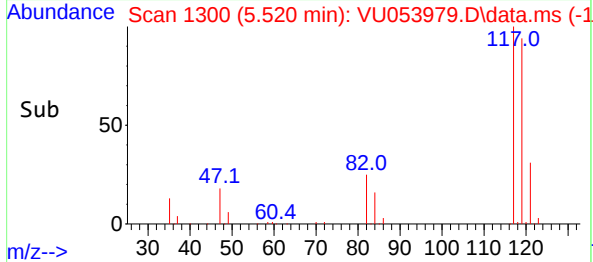
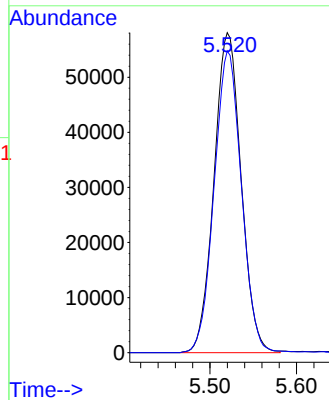
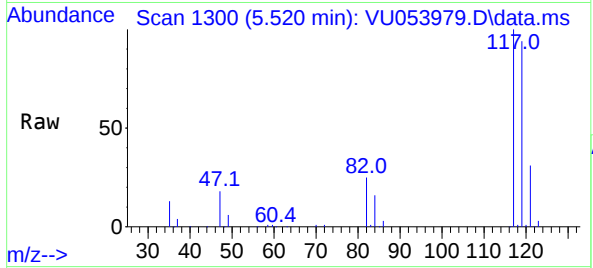




#31
Carbon tetrachloride
Concen: 53.131 ug/L
RT: 5.520 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU053979.D
Acq: 28 Apr 2023 19:08

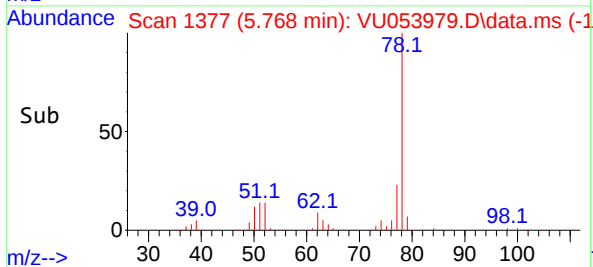
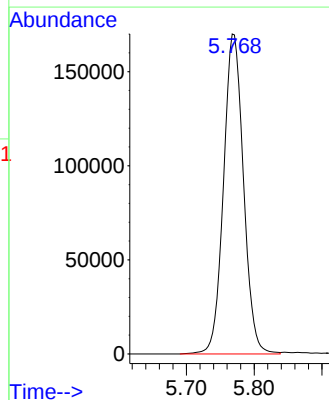
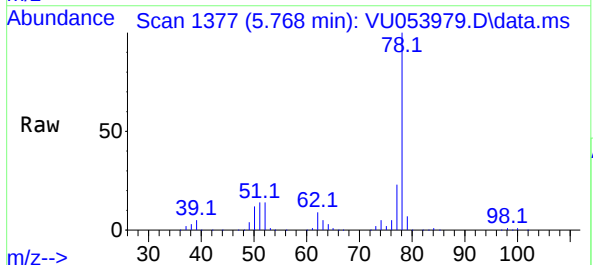
Instrument :
MSVOA_U
ClientSampleId :

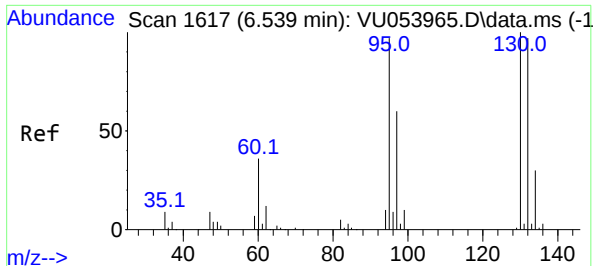
Tgt Ion:117 Resp: 126199
Ion Ratio Lower Upper
117 100
119 94.9 76.9 115.3



#33
Benzene
Concen: 55.533 ug/L
RT: 5.768 min Scan# 1377
Delta R.T. -0.000 min
Lab File: VU053979.D
Acq: 28 Apr 2023 19:08

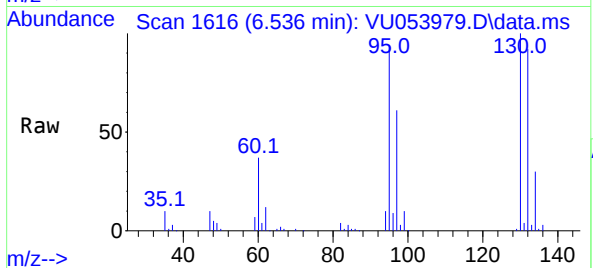
Tgt Ion: 78 Resp: 348117





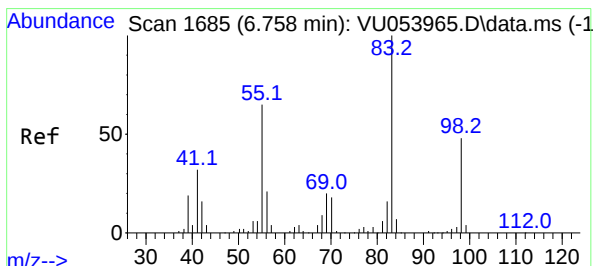
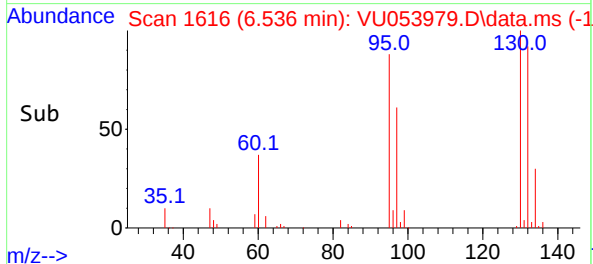
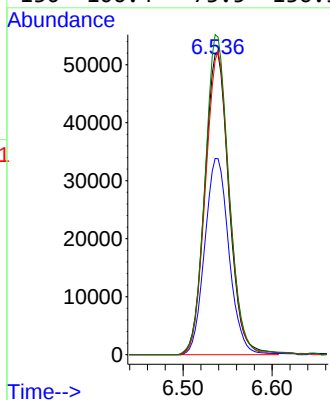
#34
Trichloroethene
Concen: 51.817 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. -0.000 min
Lab File: VU053979.D
Acq: 28 Apr 2023 19:08

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 98243

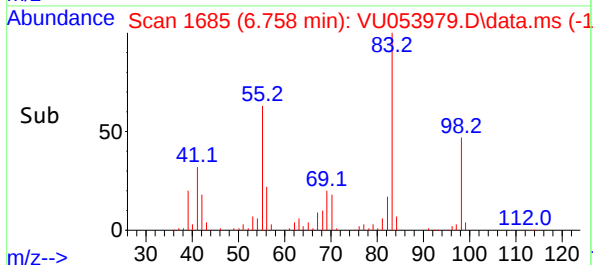
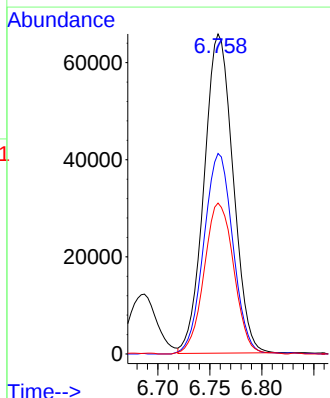
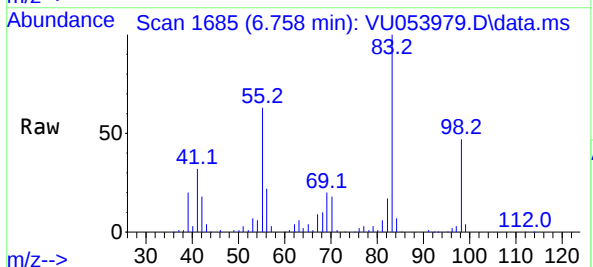
Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.1	83.7
132	97.9	74.1	137.5
130	106.4	73.5	136.5

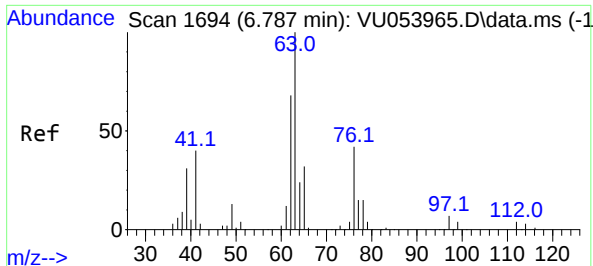


#35
Methylcyclohexane
Concen: 45.791 ug/L
RT: 6.758 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VU053979.D
Acq: 28 Apr 2023 19:08

Tgt Ion: 83 Resp: 127615

Ion	Ratio	Lower	Upper
83	100		
55	63.2	53.0	79.6
98	48.6	39.0	58.6

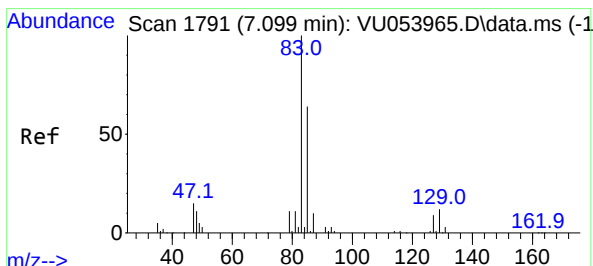
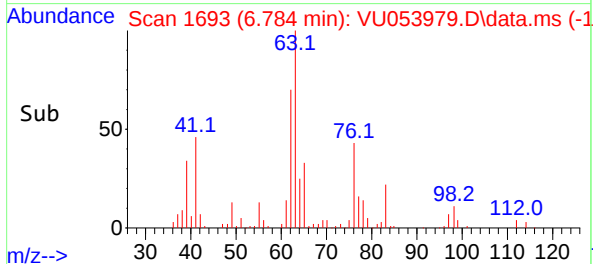
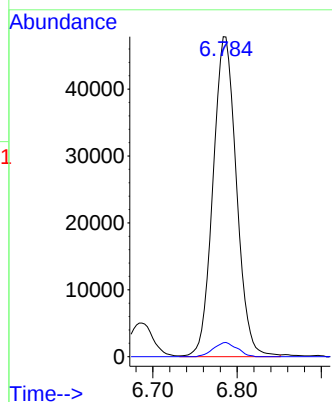
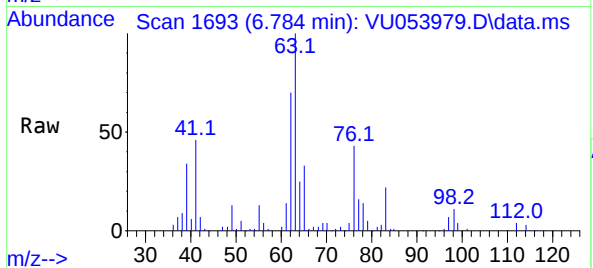




#37
1,2-Dichloropropane
Concen: 58.059 ug/L
RT: 6.784 min Scan# 1
Delta R.T. -0.004 min
Lab File: VU053979.D
Acq: 28 Apr 2023 19:08

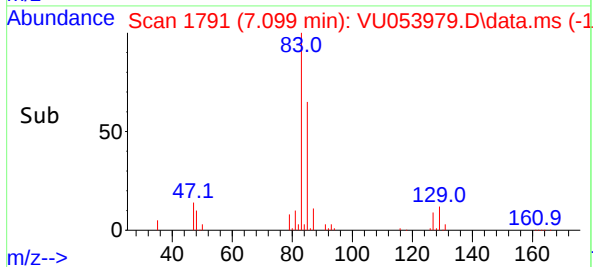
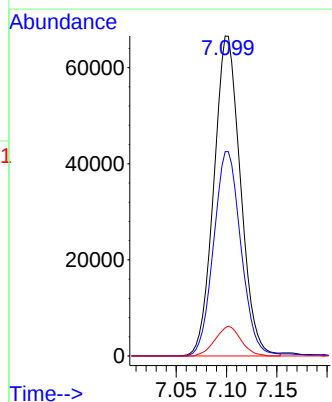
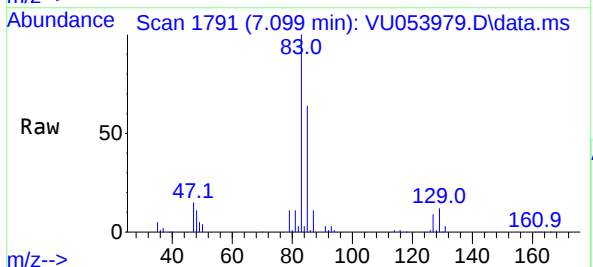
Instrument :
MSVOA_U
ClientSampleId :

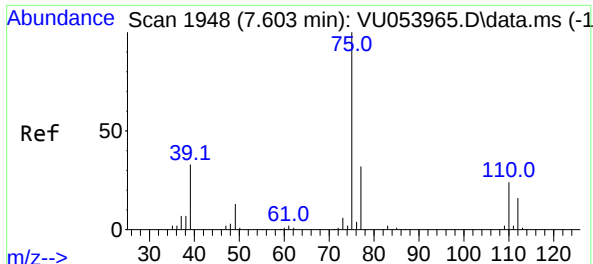
Tgt Ion: 63 Resp: 92413
Ion Ratio Lower Upper
63 100
112 4.5 3.8 5.6



#38
Bromodichloromethane
Concen: 57.682 ug/L
RT: 7.099 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VU053979.D
Acq: 28 Apr 2023 19:08

Tgt Ion: 83 Resp: 122482
Ion Ratio Lower Upper
83 100
85 63.9 44.4 82.5
127 8.8 8.0 12.0





#39

cis-1,3-Dichloropropene

Concen: 57.855 ug/L

RT: 7.603 min Scan# 1948

Delta R.T. 0.003 min

Lab File: VU053979.D

Acq: 28 Apr 2023 19:08

Instrument :

MSVOA_U

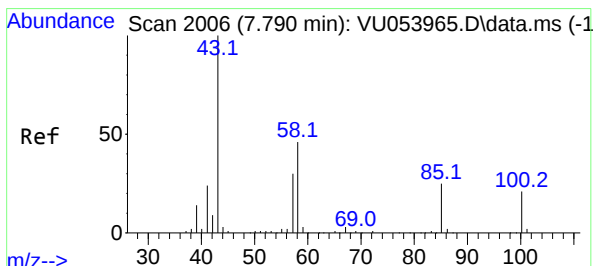
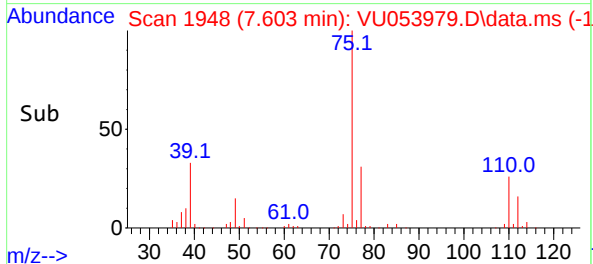
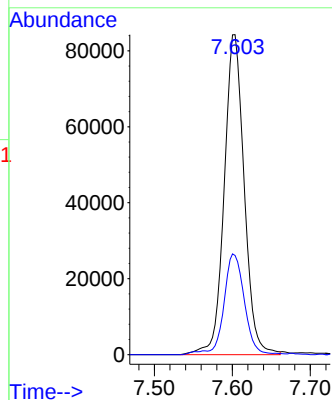
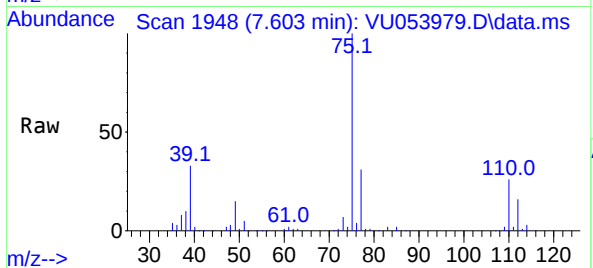
ClientSampleId :

Tgt Ion: 75 Resp: 150484

Ion Ratio Lower Upper

75 100

77 31.0 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 104.633 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. 0.003 min

Lab File: VU053979.D

Acq: 28 Apr 2023 19:08

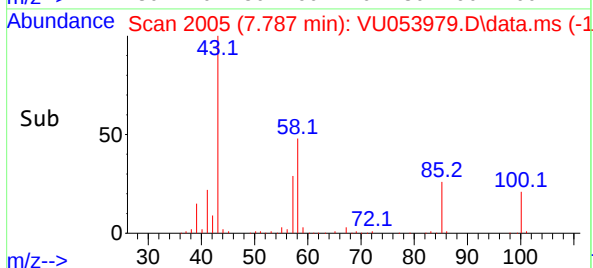
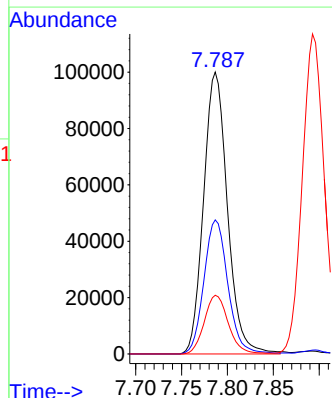
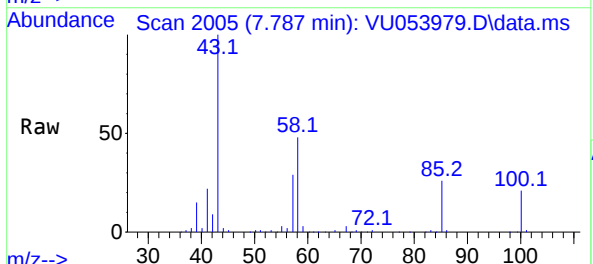
Tgt Ion: 43 Resp: 180982

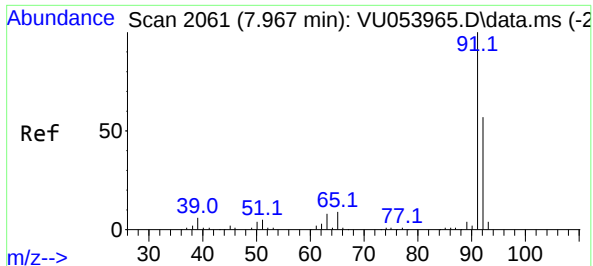
Ion Ratio Lower Upper

43 100

58 47.7 35.5 53.3

100 21.0 15.8 23.8





#42

Toluene

Concen: 54.315 ug/L

RT: 7.964 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU053979.D

Acq: 28 Apr 2023 19:08

Instrument :

MSVOA_U

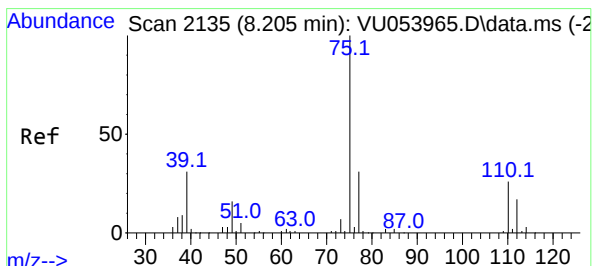
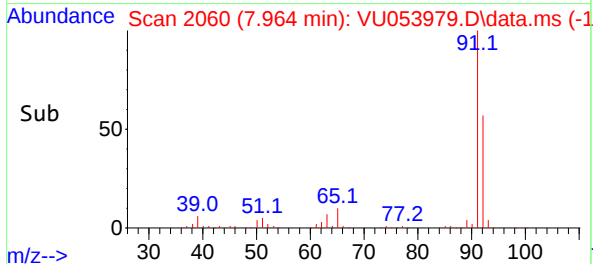
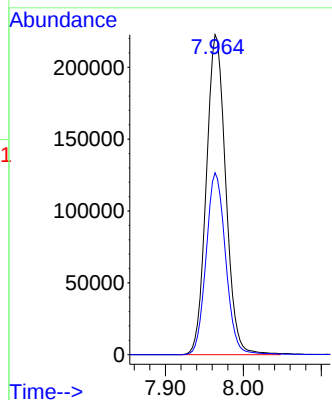
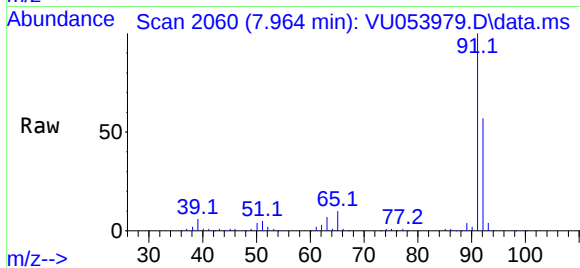
ClientSampleId :

Tgt Ion: 91 Resp: 385846

Ion Ratio Lower Upper

91 100

92 56.8 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 57.737 ug/L

RT: 8.205 min Scan# 2135

Delta R.T. -0.000 min

Lab File: VU053979.D

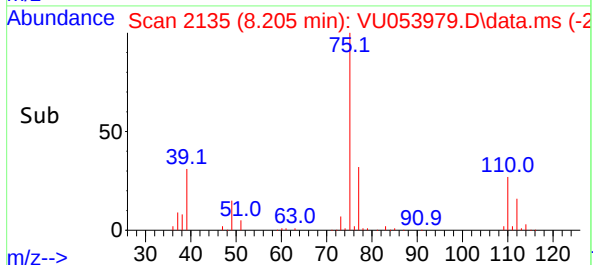
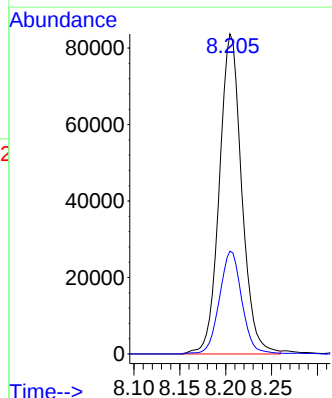
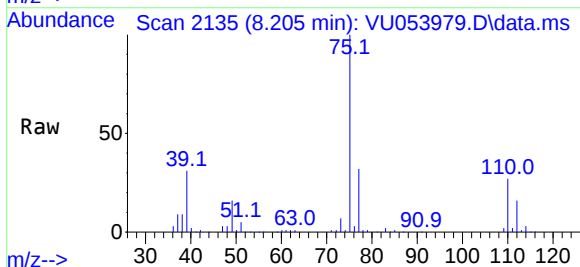
Acq: 28 Apr 2023 19:08

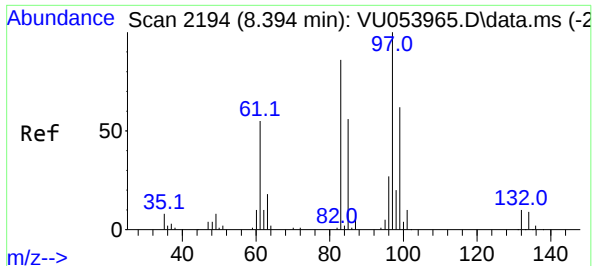
Tgt Ion: 75 Resp: 141971

Ion Ratio Lower Upper

75 100

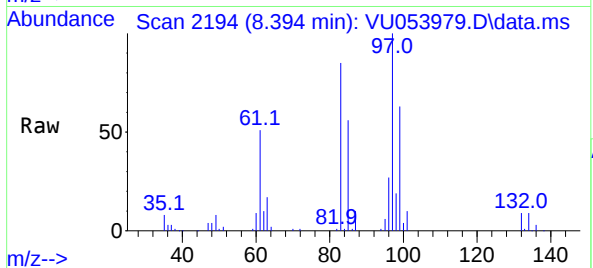
77 32.1 21.8 40.4





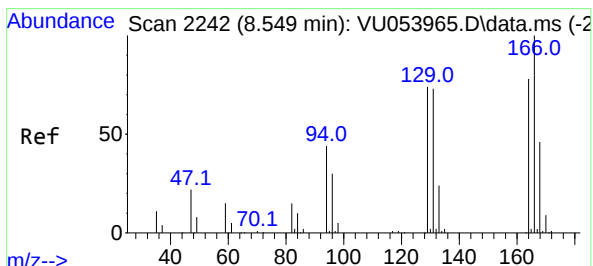
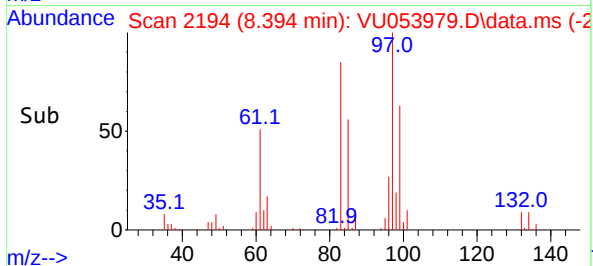
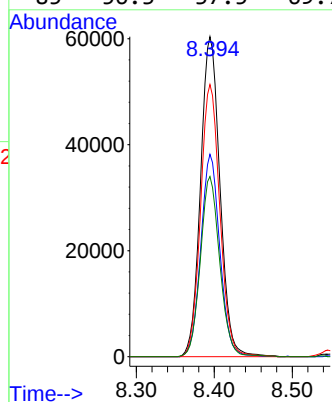
#45
1,1,2-Trichloroethane
Concen: 59.814 ug/L
RT: 8.394 min Scan# 2194
Delta R.T. -0.000 min
Lab File: VU053979.D
Acq: 28 Apr 2023 19:08

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 97 Resp: 104529

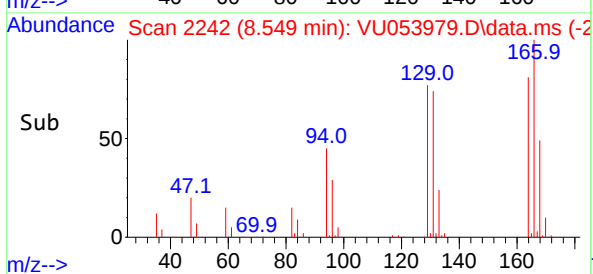
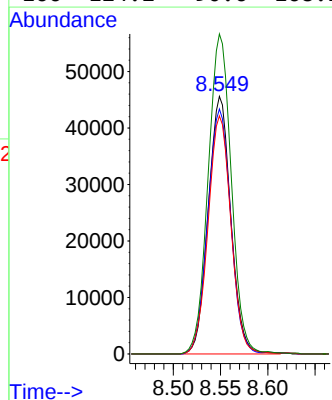
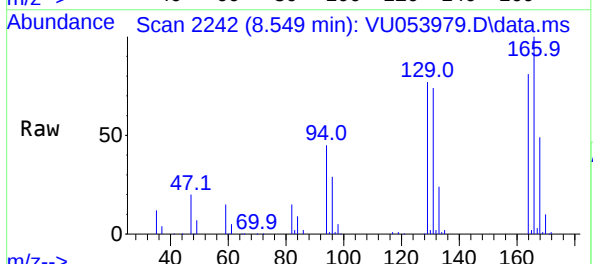
Ion	Ratio	Lower	Upper
97	100		
99	63.2	43.8	81.3
83	85.0	59.0	109.6
85	56.3	37.5	69.7

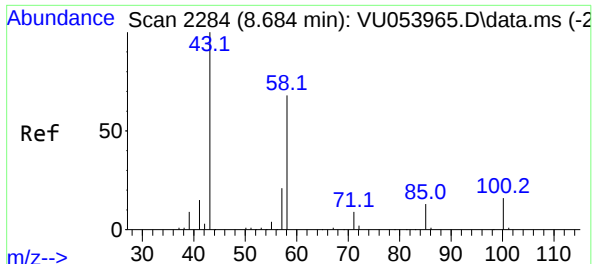


#46
Tetrachloroethene
Concen: 48.234 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU053979.D
Acq: 28 Apr 2023 19:08

Tgt Ion: 164 Resp: 75887

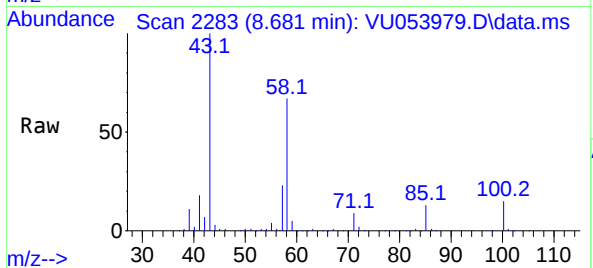
Ion	Ratio	Lower	Upper
164	100		
129	95.1	64.0	119.0
131	92.4	61.9	115.1
166	124.2	90.6	168.2





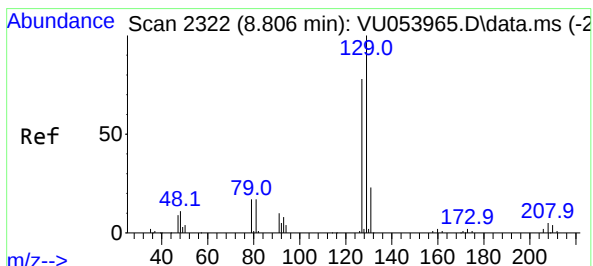
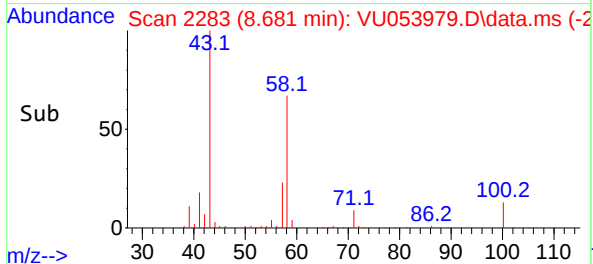
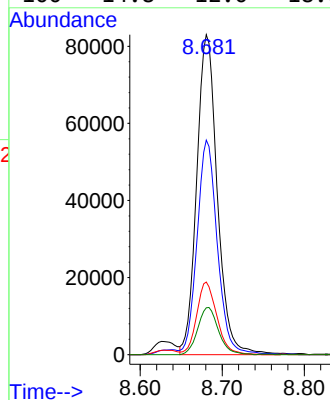
#48
2-Hexanone
Concen: 103.702 ug/L
RT: 8.681 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU053979.D
Acq: 28 Apr 2023 19:08

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 145097

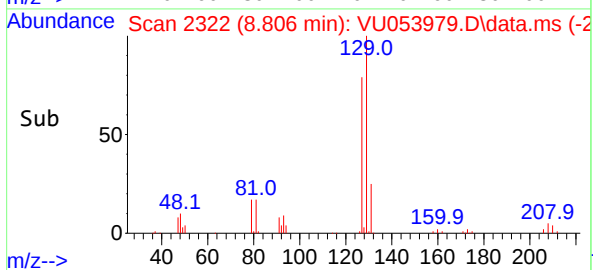
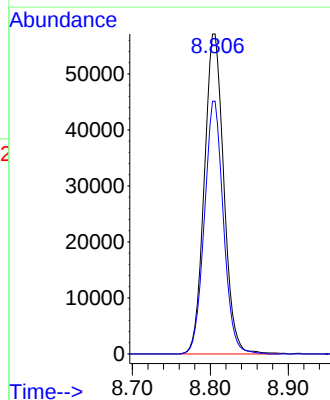
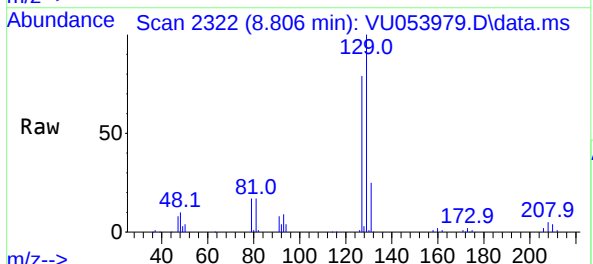
Ion	Ratio	Lower	Upper
43	100		
58	64.9	49.8	74.6
57	22.3	17.8	26.6
100	14.8	12.0	18.0

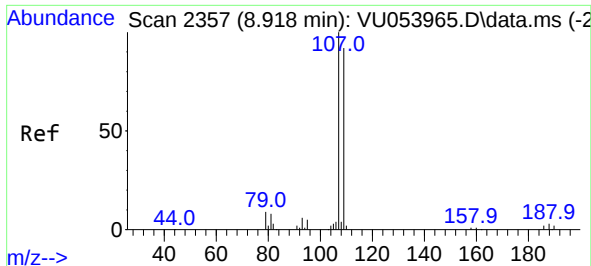


#49
Dibromochloromethane
Concen: 54.674 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VU053979.D
Acq: 28 Apr 2023 19:08

Tgt Ion: 129 Resp: 99350

Ion	Ratio	Lower	Upper
129	100		
127	79.0	53.5	99.3





#50

1,2-Dibromoethane

Concen: 55.214 ug/L

RT: 8.918 min Scan# 21

Delta R.T. -0.000 min

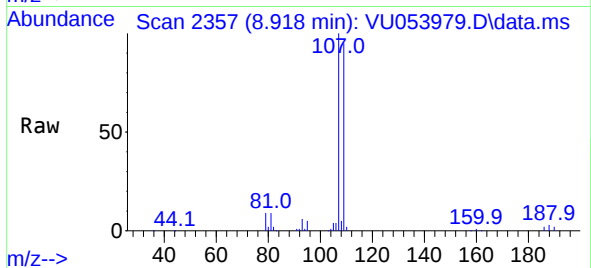
Lab File: VU053979.D

Acq: 28 Apr 2023 19:08

Instrument :

MSVOA_U

ClientSampleId :



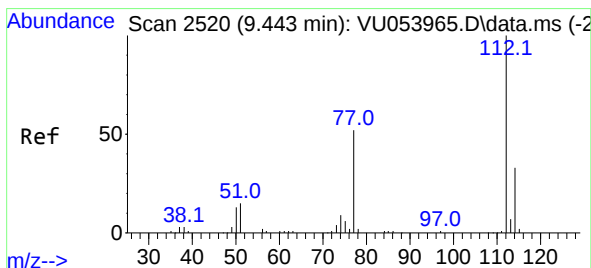
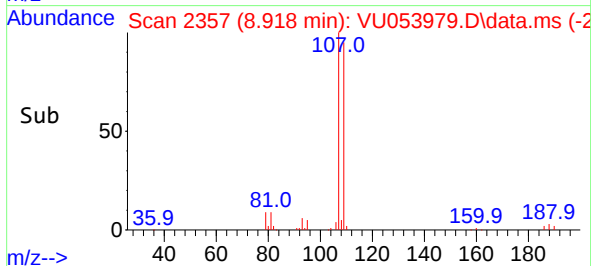
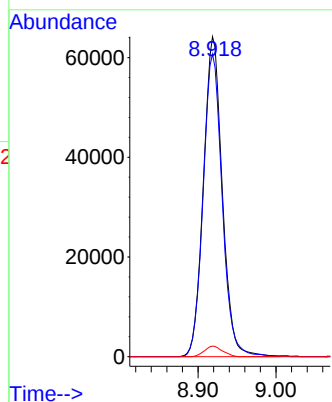
Tgt Ion:107 Resp: 107953

Ion Ratio Lower Upper

107 100

109 94.5 66.3 123.1

188 3.3 3.0 4.4



#51

Chlorobenzene

Concen: 53.810 ug/L

RT: 9.443 min Scan# 2520

Delta R.T. -0.000 min

Lab File: VU053979.D

Acq: 28 Apr 2023 19:08

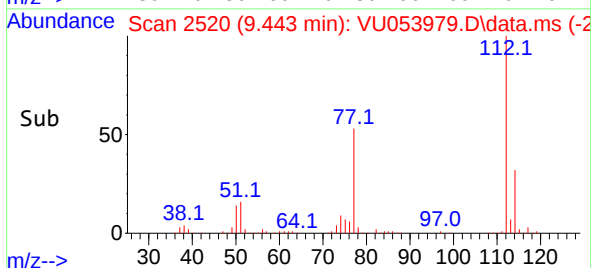
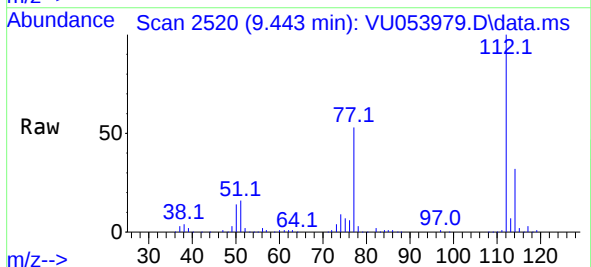
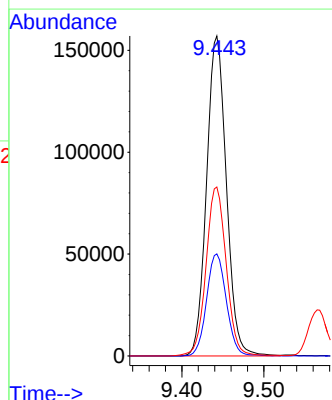
Tgt Ion:112 Resp: 263376

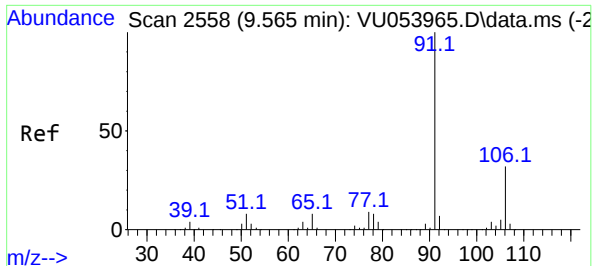
Ion Ratio Lower Upper

112 100

114 31.9 22.2 41.2

77 52.8 41.3 61.9

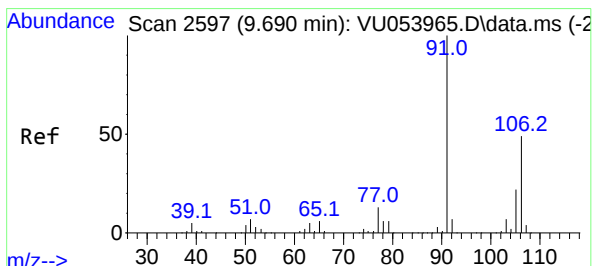
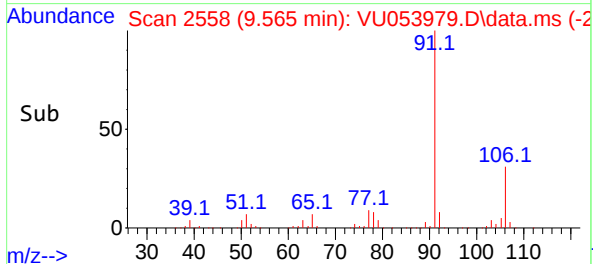
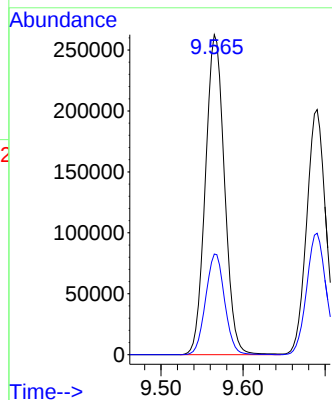
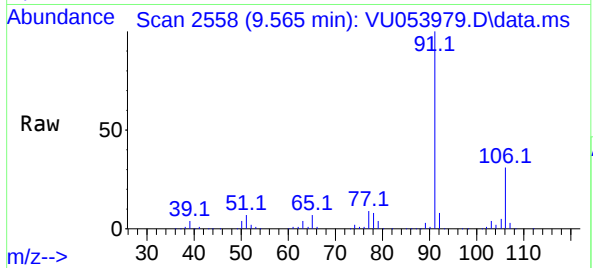




#52
Ethylbenzene
Concen: 53.799 ug/L
RT: 9.565 min Scan# 2558
Delta R.T. -0.000 min
Lab File: VU053979.D
Acq: 28 Apr 2023 19:08

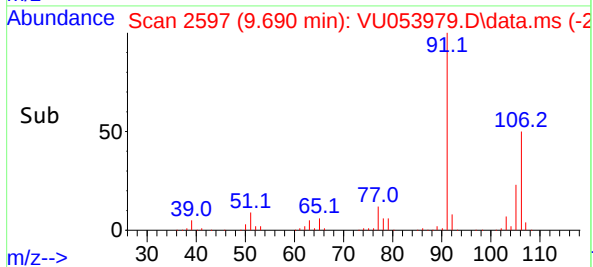
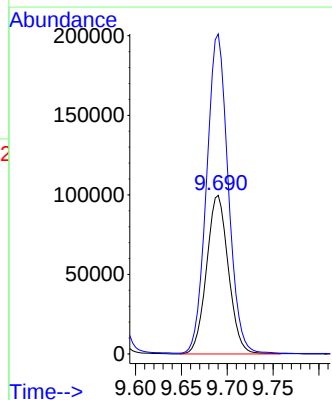
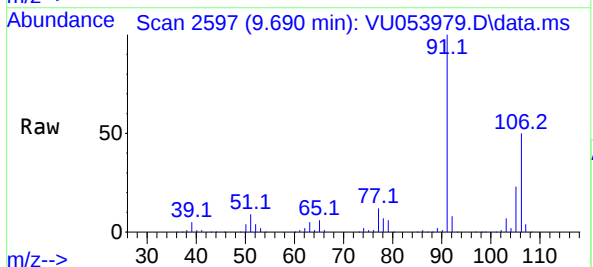
Instrument :
MSVOA_U
ClientSampleId :

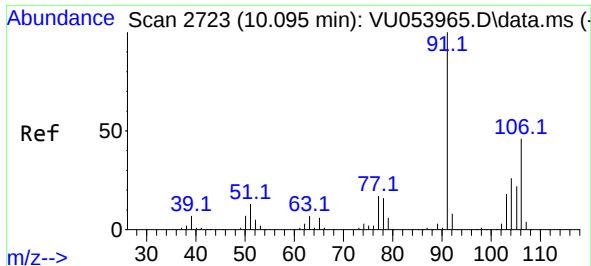
Tgt Ion: 91 Resp: 425442
Ion Ratio Lower Upper
91 100
106 31.4 22.4 41.6



#53
m,p-Xylene
Concen: 53.495 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU053979.D
Acq: 28 Apr 2023 19:08

Tgt Ion:106 Resp: 165450
Ion Ratio Lower Upper
106 100
91 201.7 140.0 260.0

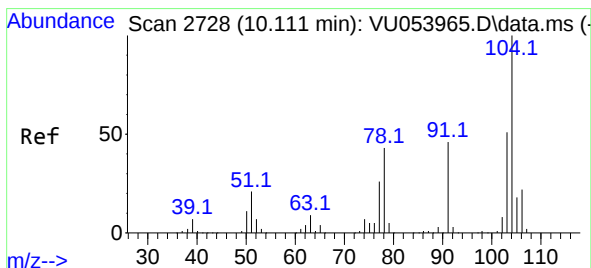
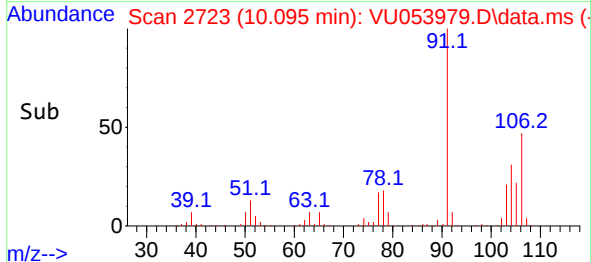
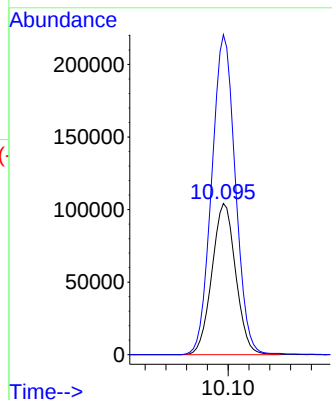
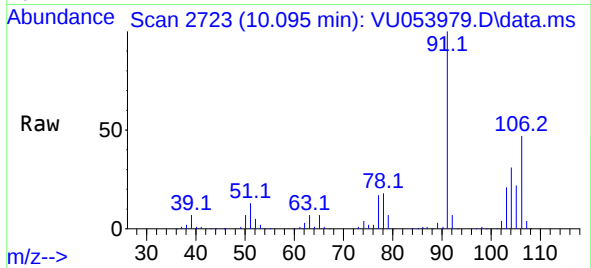




#54
o-Xylene
Concen: 54.127 ug/L
RT: 10.095 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053979.D
Acq: 28 Apr 2023 19:08

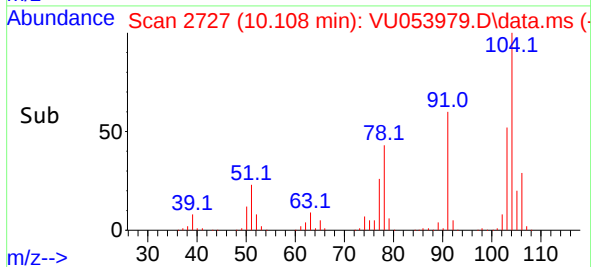
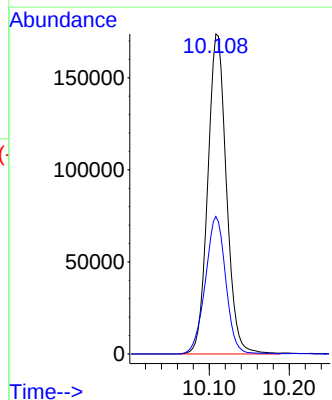
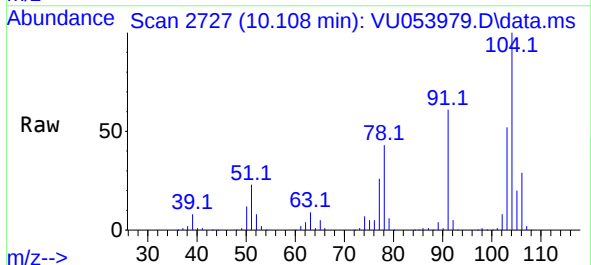
Instrument :
MSVOA_U
ClientSampleId :

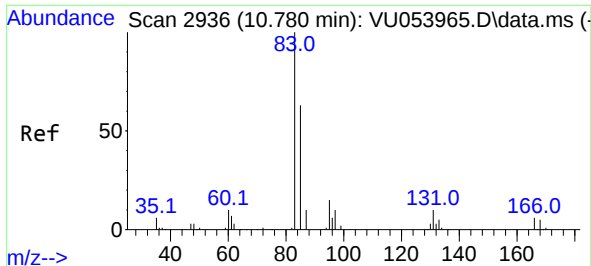
Tgt Ion:106 Resp: 165512
Ion Ratio Lower Upper
106 100
91 211.7 144.9 269.1



#55
Styrene
Concen: 56.690 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.003 min
Lab File: VU053979.D
Acq: 28 Apr 2023 19:08

Tgt Ion:104 Resp: 282355
Ion Ratio Lower Upper
104 100
78 43.0 31.3 58.1





#57

1,1,2,2-Tetrachloroethane

Concen: 60.785 ug/L

RT: 10.777 min Scan# 2936

Delta R.T. -0.000 min

Lab File: VU053979.D

Acq: 28 Apr 2023 19:08

Instrument :

MSVOA_U

ClientSampleId :

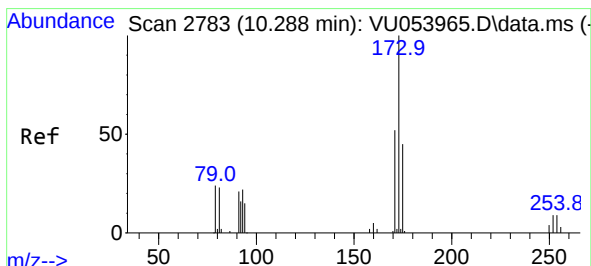
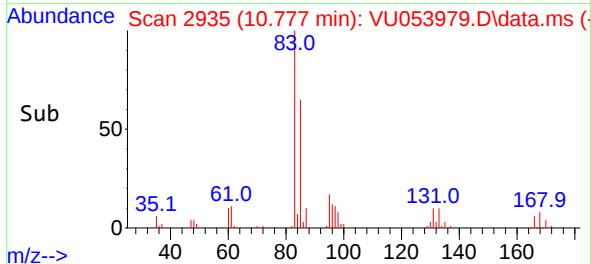
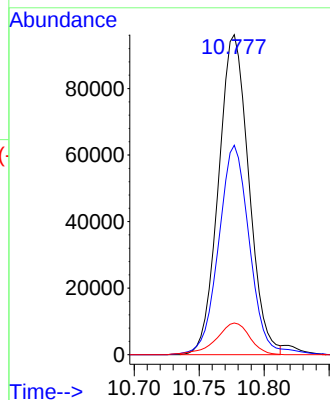
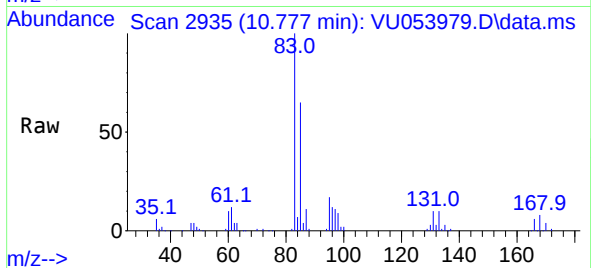
Tgt Ion: 83 Resp: 155963

Ion Ratio Lower Upper

83 100

85 65.5 47.0 87.4

131 9.9 8.7 13.1



#59

Bromoform

Concen: 53.699 ug/L

RT: 10.285 min Scan# 2782

Delta R.T. -0.000 min

Lab File: VU053979.D

Acq: 28 Apr 2023 19:08

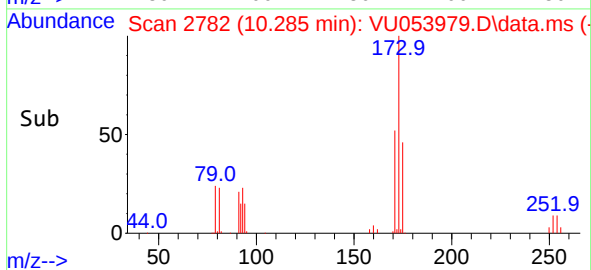
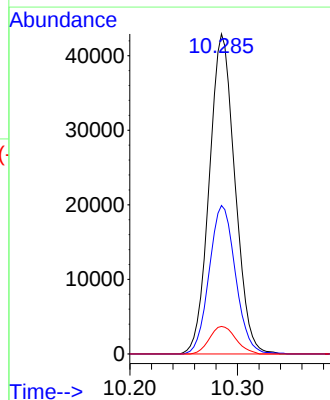
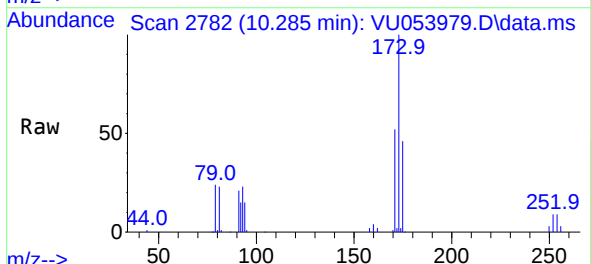
Tgt Ion:173 Resp: 71085

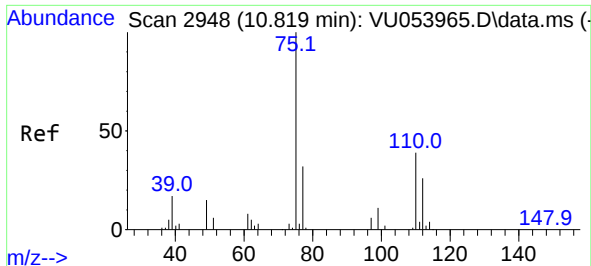
Ion Ratio Lower Upper

173 100

175 47.5 39.0 58.6

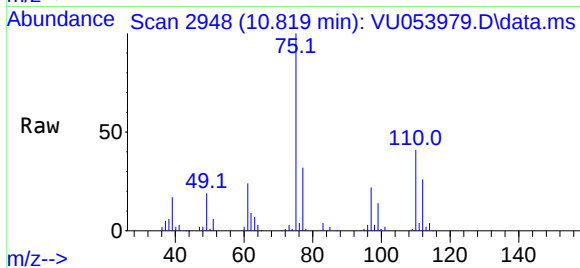
254 8.8 7.0 10.4



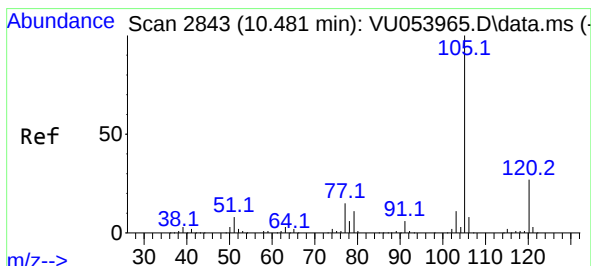
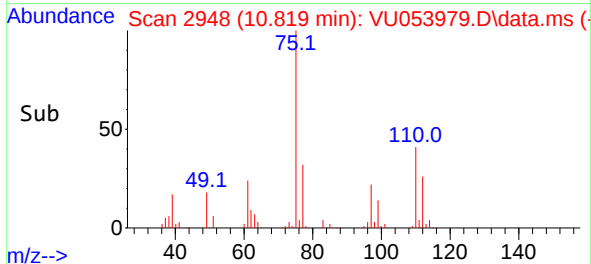
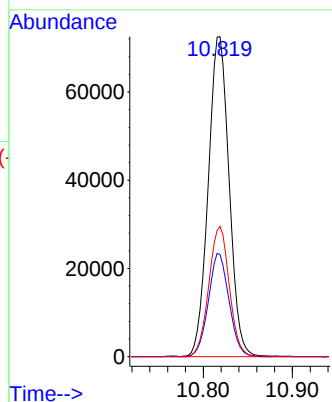


#60
1,2,3-Trichloropropane
Concen: 62.825 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.000 min
Lab File: VU053979.D
Acq: 28 Apr 2023 19:08

Instrument :
MSVOA_U
ClientSampleId :

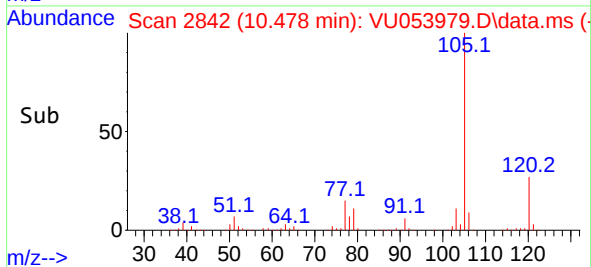
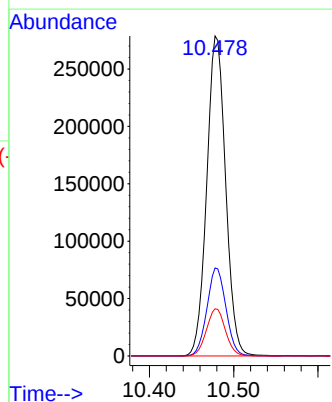
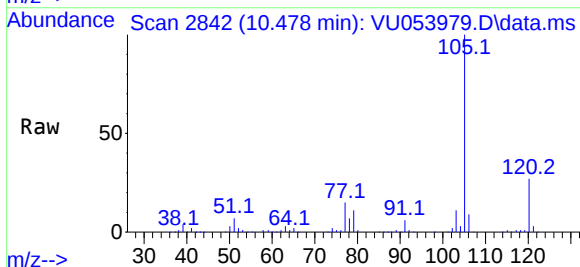


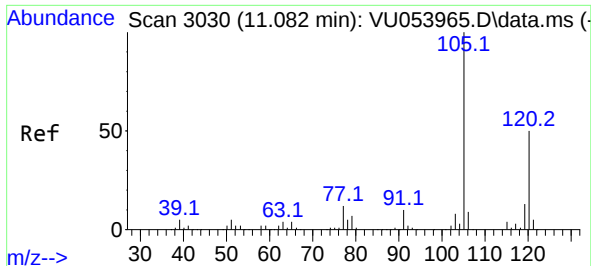
Tgt Ion: 75 Resp: 117812
Ion Ratio Lower Upper
75 100
77 31.9 26.0 39.0
110 39.9 32.6 48.8



#61
Isopropylbenzene
Concen: 56.842 ug/L
RT: 10.478 min Scan# 2842
Delta R.T. -0.004 min
Lab File: VU053979.D
Acq: 28 Apr 2023 19:08

Tgt Ion: 105 Resp: 434634
Ion Ratio Lower Upper
105 100
120 27.6 22.4 33.6
77 14.9 12.1 18.1

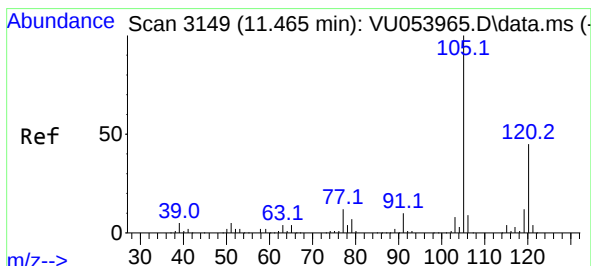
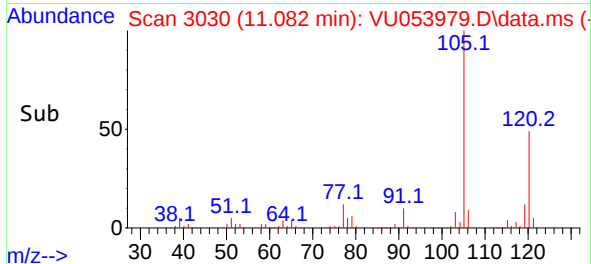
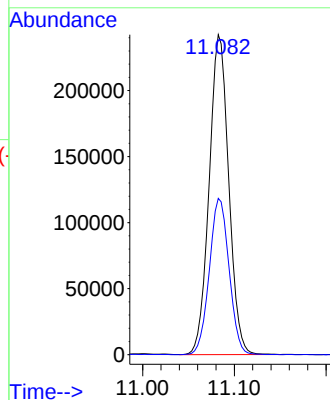
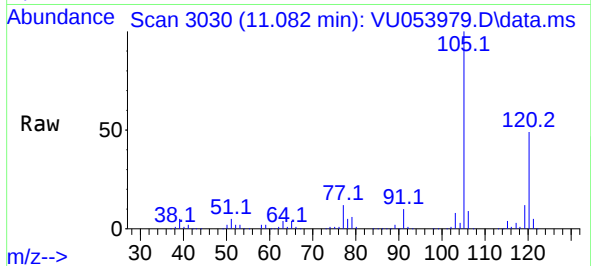




#62
1,3,5-Trimethylbenzene
Concen: 56.452 ug/L
RT: 11.082 min Scan# 3030
Delta R.T. -0.004 min
Lab File: VU053979.D
Acq: 28 Apr 2023 19:08

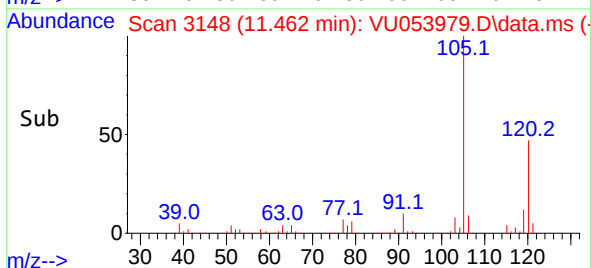
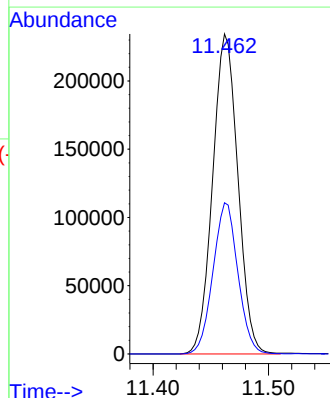
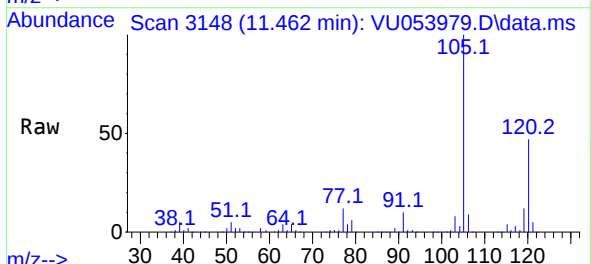
Instrument :
MSVOA_U
ClientSampleId :

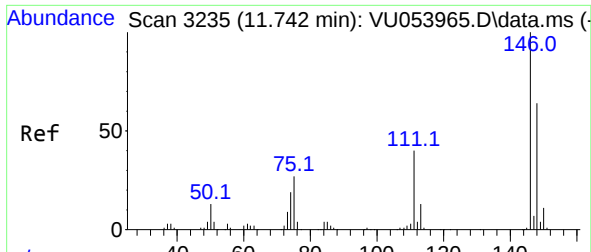
Tgt Ion:105 Resp: 358828
Ion Ratio Lower Upper
105 100
120 49.3 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 56.548 ug/L
RT: 11.462 min Scan# 3148
Delta R.T. -0.003 min
Lab File: VU053979.D
Acq: 28 Apr 2023 19:08

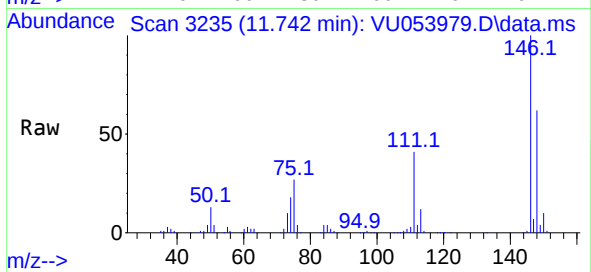
Tgt Ion:105 Resp: 356001
Ion Ratio Lower Upper
105 100
120 46.6 37.5 56.3



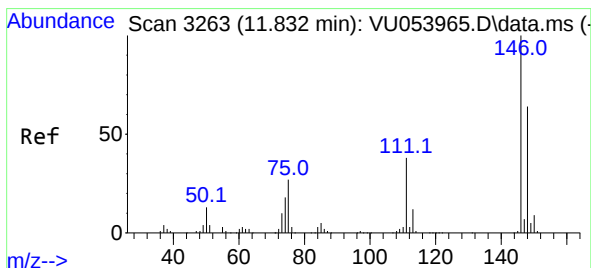
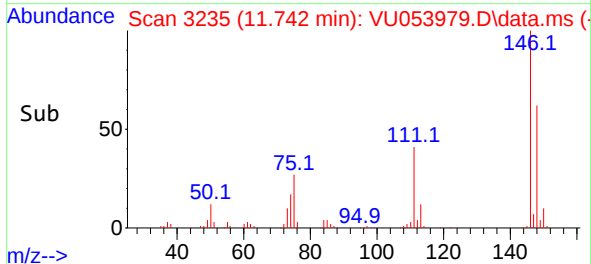
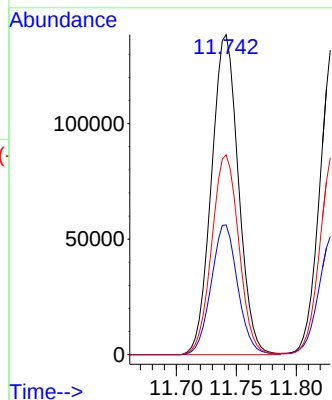


#64
1,3-Dichlorobenzene
Concen: 54.102 ug/L
RT: 11.742 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU053979.D
Acq: 28 Apr 2023 19:08

Instrument :
MSVOA_U
ClientSampleId :

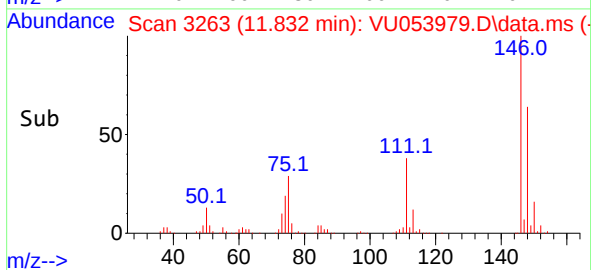
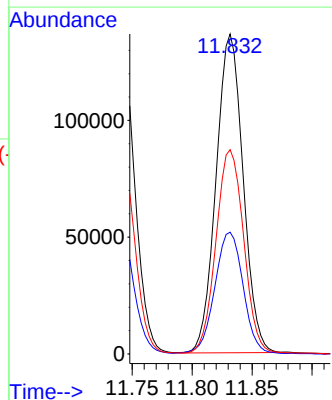
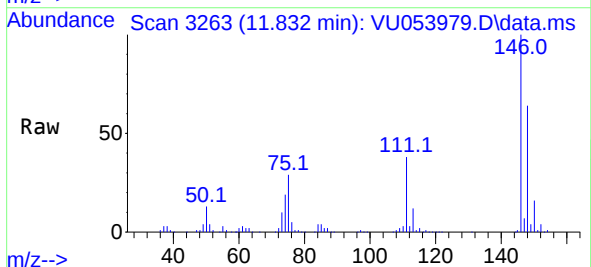


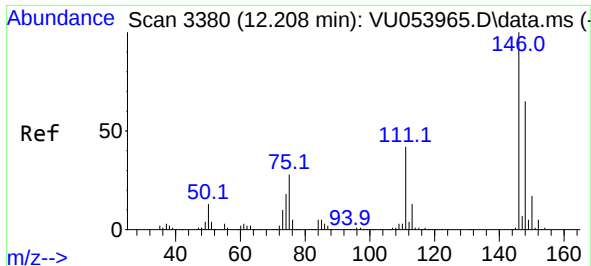
Tgt Ion:146 Resp: 216160
Ion Ratio Lower Upper
146 100
111 40.6 25.7 47.7
148 62.4 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 52.493 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU053979.D
Acq: 28 Apr 2023 19:08

Tgt Ion:146 Resp: 213758
Ion Ratio Lower Upper
146 100
111 38.1 25.1 46.5
148 63.9 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 54.755 ug/L

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU053979.D

Acq: 28 Apr 2023 19:08

Instrument :

MSVOA_U

ClientSampleId :

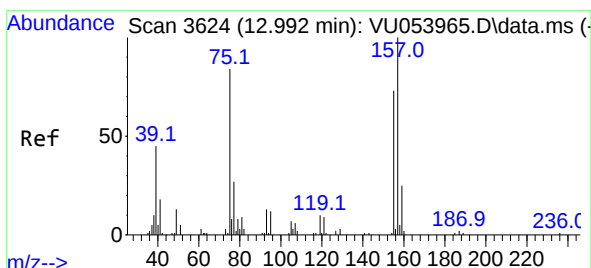
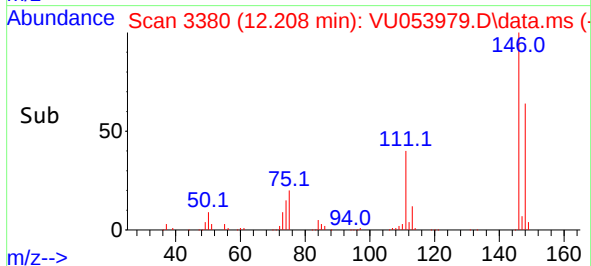
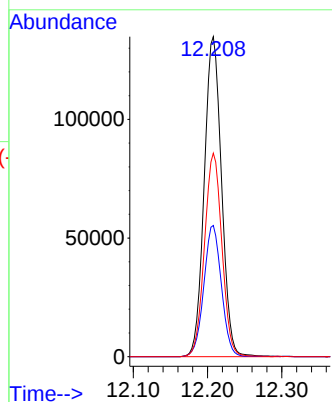
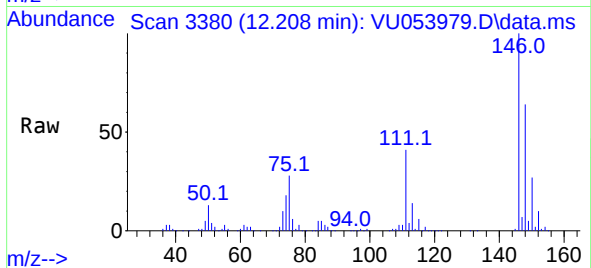
Tgt Ion:146 Resp: 218036

Ion Ratio Lower Upper

146 100

111 41.0 31.5 47.3

148 63.6 51.6 77.4



#68

1,2-Dibromo-3-chloropropane

Concen: 57.374 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. -0.000 min

Lab File: VU053979.D

Acq: 28 Apr 2023 19:08

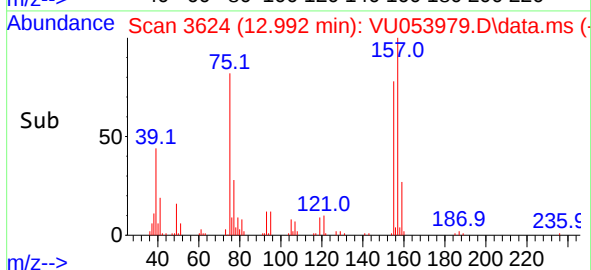
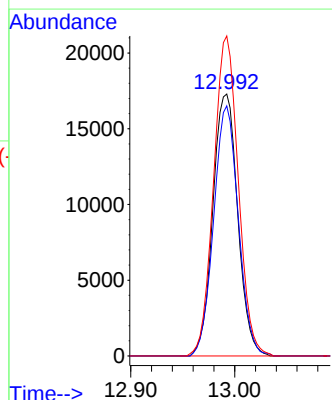
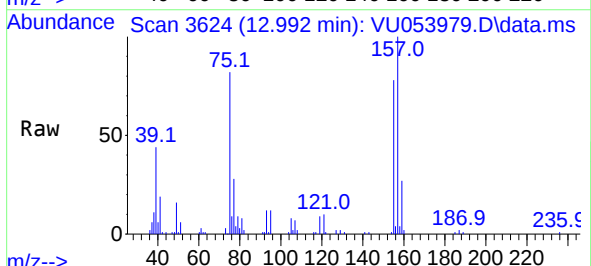
Tgt Ion: 75 Resp: 28682

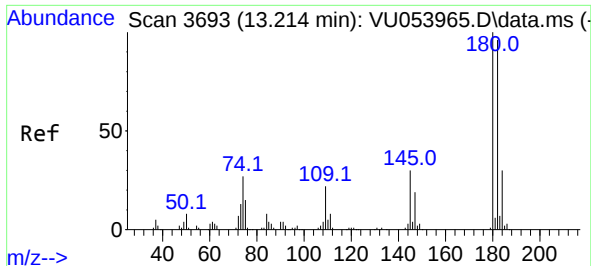
Ion Ratio Lower Upper

75 100

155 95.5 79.9 119.9

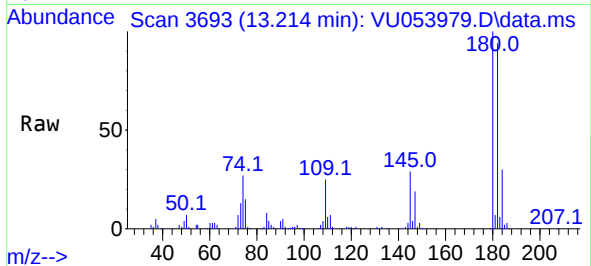
157 122.2 100.8 151.2



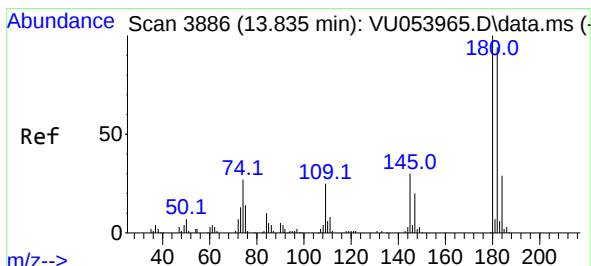
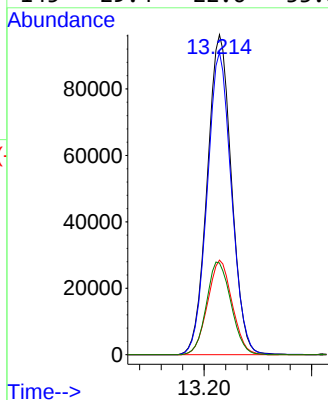
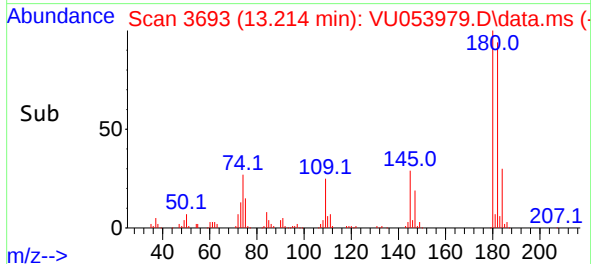


#69
1,3,5-Trichlorobenzene
Concen: 50.942 ug/L
RT: 13.214 min Scan# 3693
Delta R.T. -0.000 min
Lab File: VU053979.D
Acq: 28 Apr 2023 19:08

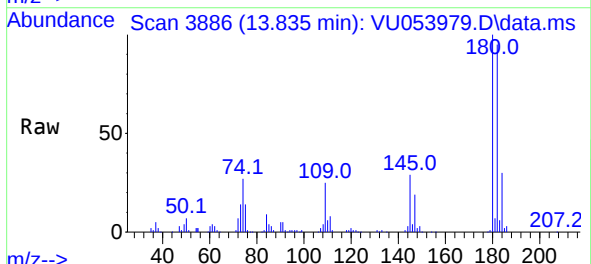
Instrument :
MSVOA_U
ClientSampleId :



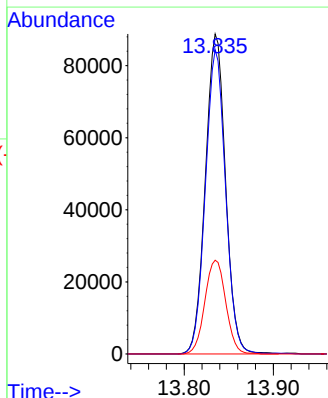
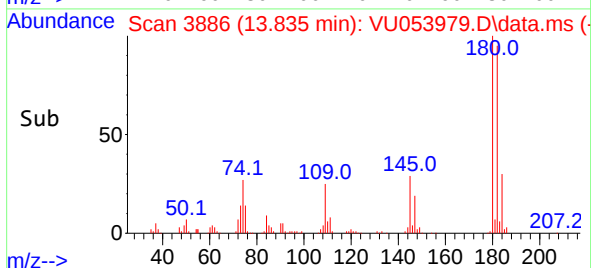
Tgt Ion:180 Resp: 150722
Ion Ratio Lower Upper
180 100
182 94.3 75.6 113.4
184 29.9 24.2 36.2
145 29.4 22.6 33.8

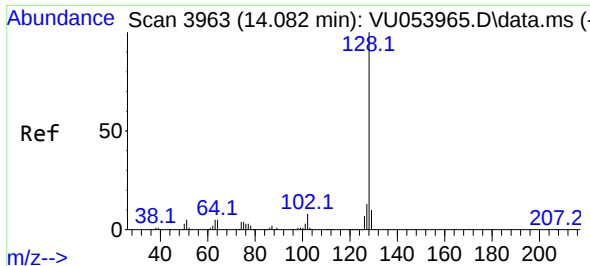


#70
1,2,4-trichlorobenzene
Concen: 50.972 ug/L
RT: 13.835 min Scan# 3886
Delta R.T. -0.000 min
Lab File: VU053979.D
Acq: 28 Apr 2023 19:08



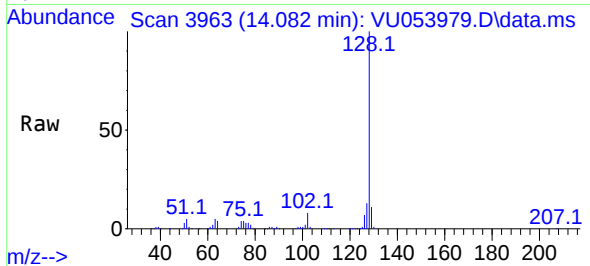
Tgt Ion:180 Resp: 139822
Ion Ratio Lower Upper
180 100
182 94.6 75.8 113.8
145 30.3 23.4 35.2



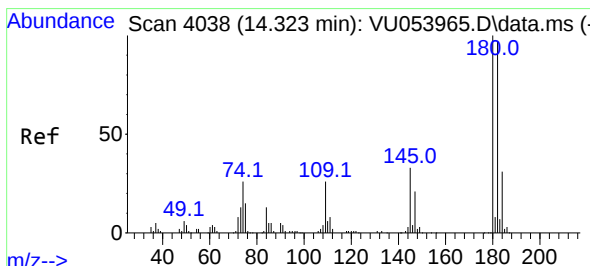
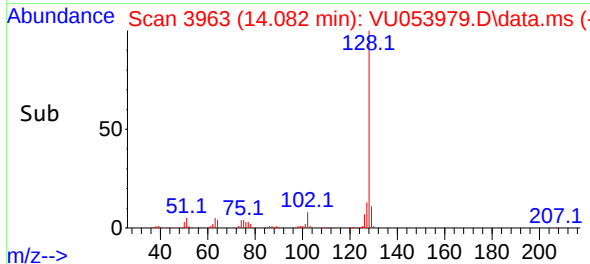
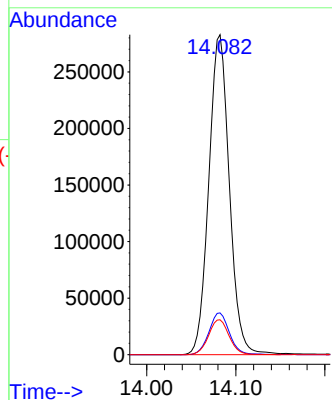


#71
Naphthalene
Concen: 55.074 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. -0.000 min
Lab File: VU053979.D
Acq: 28 Apr 2023 19:08

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 452193
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.0 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 51.225 ug/L
RT: 14.323 min Scan# 4038
Delta R.T. -0.000 min
Lab File: VU053979.D
Acq: 28 Apr 2023 19:08

Tgt Ion:180 Resp: 140349
Ion Ratio Lower Upper
180 100
182 96.0 77.0 115.6
145 32.0 25.4 38.0

