

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U042923\
 Data File : VU053977.D
 Acq On : 28 Apr 2023 18:21
 Operator : JC/MD
 Sample : 02499-23MS
 Misc : 3.68g/5.0mL/100uL//5.0mL/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 29 04:32:45 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	6.240	114	258140	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	254398	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	133800	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	70667	35.157	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.320%
7) Chloroethane-d5	1.906	69	59863	38.627	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.260%
11) 1,1-Dichloroethene-d2	2.552	63	123172	39.586	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.180%
21) 2-Butanone-d5	4.874	46	178	0.196	ug/L	0.26
Spiked Amount	100.000	Range	40 - 130	Recovery	=	0.200%#
24) Chloroform-d	5.057	84	134165	40.360	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.720%
26) 1,2-Dichloroethane-d4	5.694	65	79333	40.387	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.780%
32) Benzene-d6	5.719	84	271580	39.549	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.100%
36) 1,2-Dichloropropane-d6	6.684	67	83450	39.759	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.520%
41) Toluene-d8	7.893	98	265193	38.856	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.720%#
43) trans-1,3-Dichloroprop...	8.179	79	43468	40.121	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.240%
47) 2-Hexanone-d5	8.658	63	58606	81.815	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.810%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	126702	42.830	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.660%
66) 1,2-Dichlorobenzene-d4	12.192	152	111675	39.986	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.980%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	83951	40.069	ug/L	100
3) Chloromethane	1.520	50	78487	45.589	ug/L	97
5) Vinyl chloride	1.604	62	90463	45.339	ug/L	100
6) Bromomethane	1.858	94	72761	50.119	ug/L	99
8) Chloroethane	1.925	64	51841	43.200	ug/L	98
9) Trichlorofluoromethane	2.112	101	201684	65.720	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	88254	49.656	ug/L	93
12) 1,1-Dichloroethene	2.562	96	75362	47.578	ug/L	94
13) Acetone	2.642	43	83967	102.666	ug/L	92
14) Carbon disulfide	2.777	76	143282	34.196	ug/L	98
15) Methyl Acetate	2.948	43	59769	47.711	ug/L	90
16) Methylene chloride	3.038	84	91629	51.467	ug/L	96
17) trans-1,2-Dichloroethene	3.340	96	76598	48.118	ug/L	96
18) Methyl tert-butyl Ether	3.359	73	248930	53.649	ug/L	98
19) 1,1-Dichloroethane	3.858	63	142715	54.121	ug/L	98
20) cis-1,2-Dichloroethene	4.658	96	92279	50.187	ug/L	98
22) 2-Butanone	4.713	43	85620	86.411	ug/L	98
23) Bromochloromethane	4.967	128	48309	47.168	ug/L	98
25) Chloroform	5.080	83	170477	56.365	ug/L	100

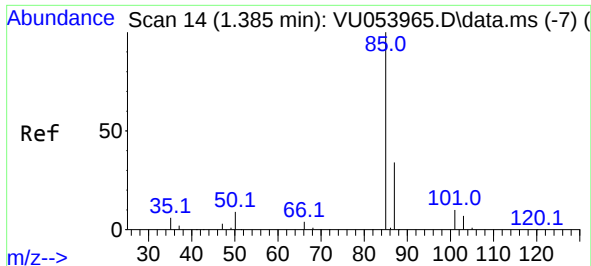
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042923\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.787	62	116373	52.539	ug/L	99
29) Cyclohexane	5.379	56	101787	41.562	ug/L	99
30) 1,1,1-Trichloroethane	5.305	97	139459	49.751	ug/L	100
31) Carbon tetrachloride	5.514	117	116851	46.527	ug/L	98
33) Benzene	5.764	78	335087	50.555	ug/L	100
34) Trichloroethene	6.536	95	92809	46.296	ug/L	96
35) Methylcyclohexane	6.755	83	126239	42.840	ug/L	98
37) 1,2-Dichloropropane	6.784	63	88723	52.717	ug/L	99
38) Bromodichloromethane	7.102	83	112858	50.266	ug/L	97
39) cis-1,3-Dichloropropene	7.604	75	145714	52.982	ug/L	100
40) 4-Methyl-2-pentanone	7.825	43	174624	95.480	ug/L #	82
42) Toluene	7.964	91	377292	50.229	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	137745	52.980	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	100647	54.468	ug/L	96
46) Tetrachloroethene	8.546	164	74108	44.548	ug/L	95
48) 2-Hexanone	8.706	43	140213	94.775	ug/L	98
49) Dibromochloromethane	8.816	129	95216	49.557	ug/L	99
50) 1,2-Dibromoethane	8.922	107	106052	51.299	ug/L	95
51) Chlorobenzene	9.449	112	263832	50.979	ug/L	98
52) Ethylbenzene	9.568	91	426009	50.948	ug/L	100
53) m,p-Xylene	9.694	106	165247	50.531	ug/L	99
54) o-Xylene	10.099	106	164140	50.766	ug/L	95
55) Styrene	10.118	104	282032	53.554	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.784	83	155177	57.197	ug/L	95
59) Bromoform	10.298	173	68389	49.936	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	115450	59.509	ug/L	100
61) Isopropylbenzene	10.484	105	437738	55.335	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	358604	54.532	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	355985	54.656	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	214100	51.796	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	216796	51.461	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	214006	51.947	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	25199	48.723	ug/L	94
69) 1,3,5-Trichlorobenzene	13.214	180	150339	49.115	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	133935	47.194	ug/L	99
71) Naphthalene	14.082	128	407421	47.963	ug/L	100
72) 1,2,3-Trichlorobenzene	14.324	180	134787	47.551	ug/L	99

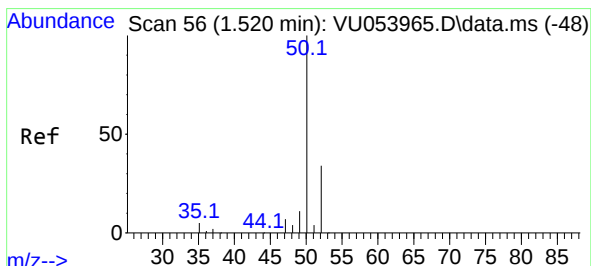
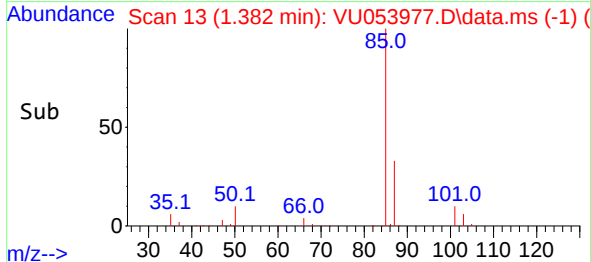
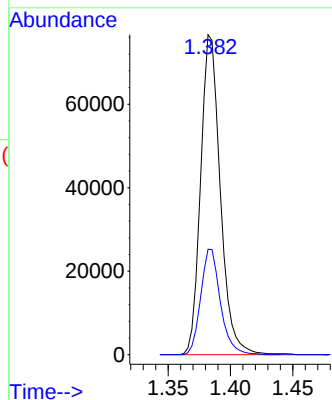
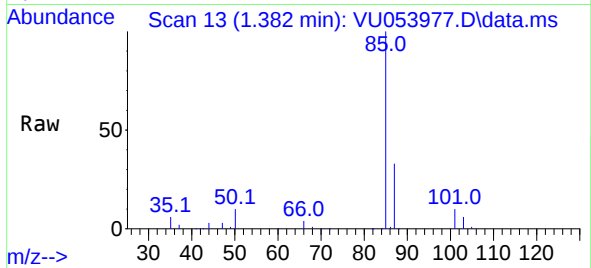
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 40.069 ug/L
RT: 1.382 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU053977.D
Acq: 28 Apr 2023 18:21

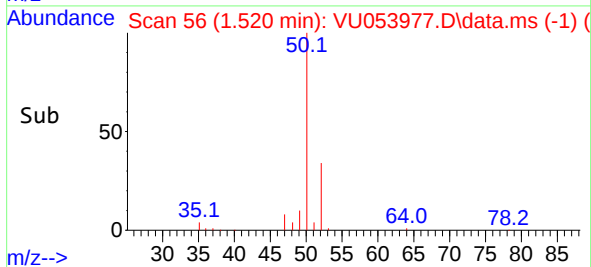
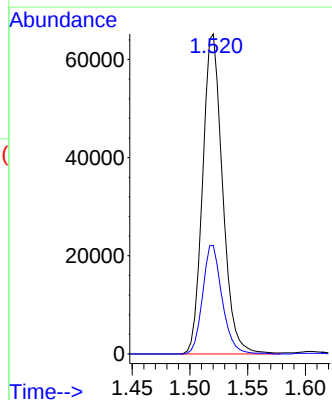
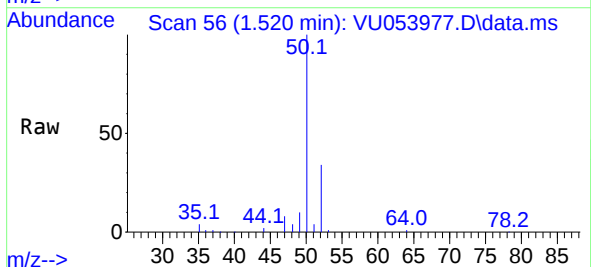
Instrument :
MSVOA_U
ClientSampleId :

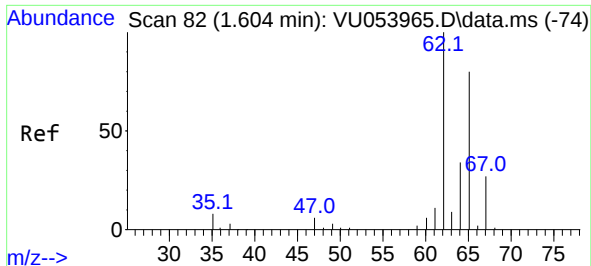
Tgt Ion: 85 Resp: 83951
Ion Ratio Lower Upper
85 100
87 33.0 26.4 39.6



#3
Chloromethane
Concen: 45.589 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU053977.D
Acq: 28 Apr 2023 18:21

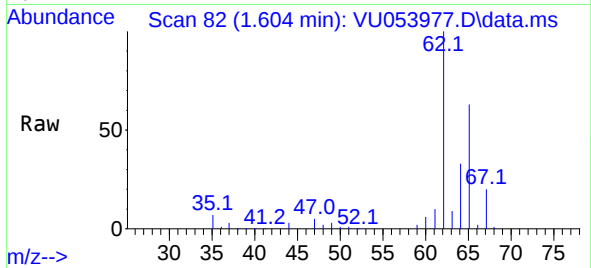
Tgt Ion: 50 Resp: 78487
Ion Ratio Lower Upper
50 100
52 34.0 22.7 42.1



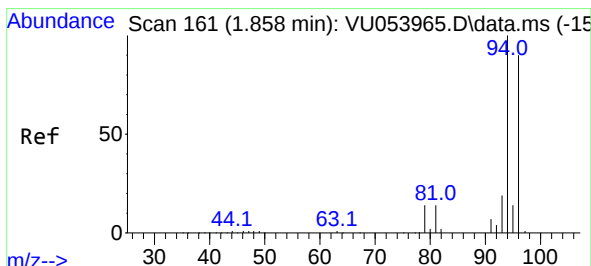
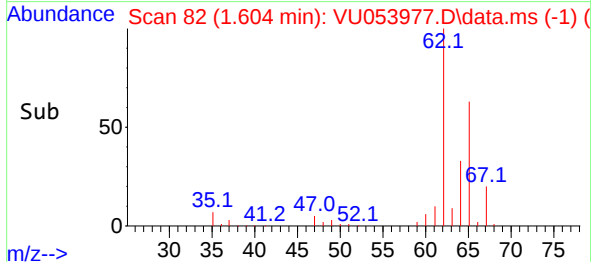
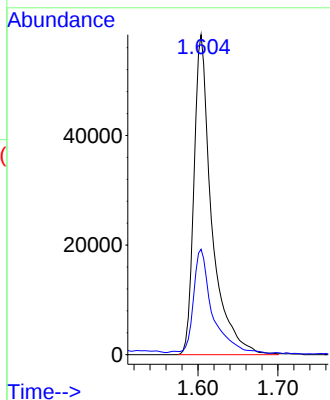


#5
 Vinyl chloride
 Concen: 45.339 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU053977.D
 Acq: 28 Apr 2023 18:21

Instrument :
 MSVOA_U
 ClientSampleId :

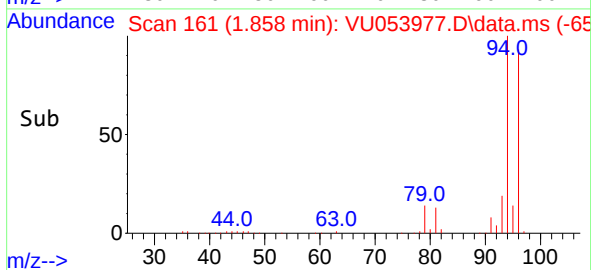
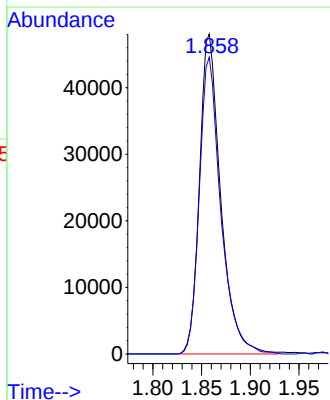
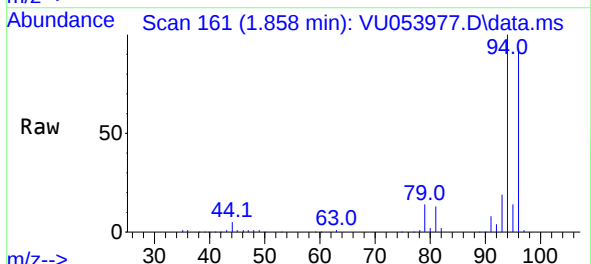


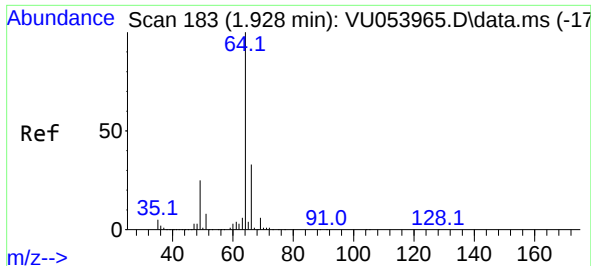
Tgt Ion: 62 Resp: 90463
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.2 43.0



#6
 Bromomethane
 Concen: 50.119 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.009 min
 Lab File: VU053977.D
 Acq: 28 Apr 2023 18:21

Tgt Ion: 94 Resp: 72761
 Ion Ratio Lower Upper
 94 100
 96 92.8 64.4 119.6

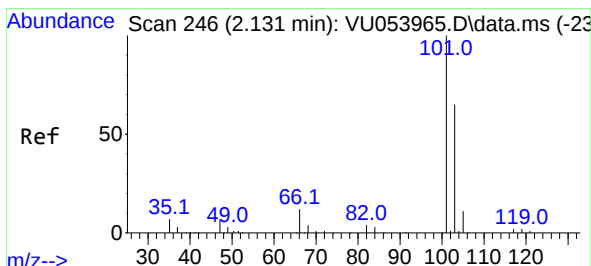
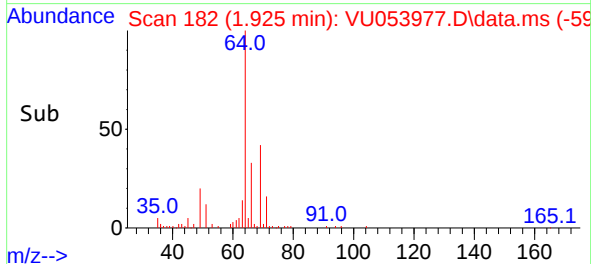
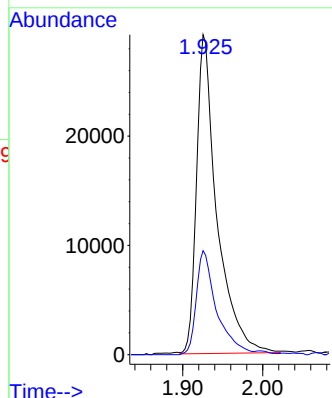
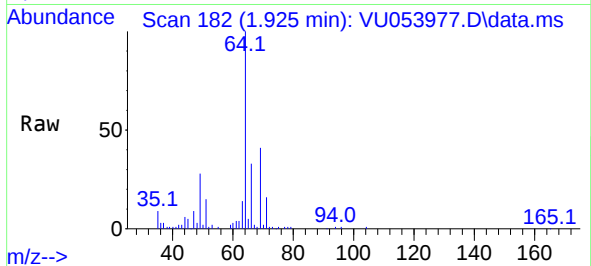




#8
Chloroethane
Concen: 43.200 ug/L
RT: 1.925 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU053977.D
Acq: 28 Apr 2023 18:21

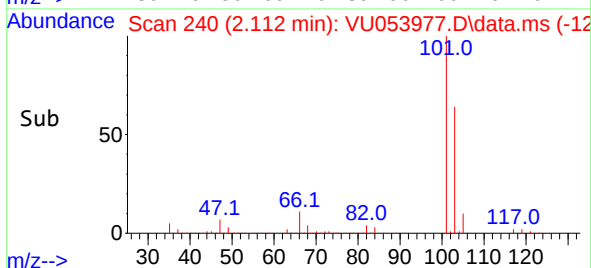
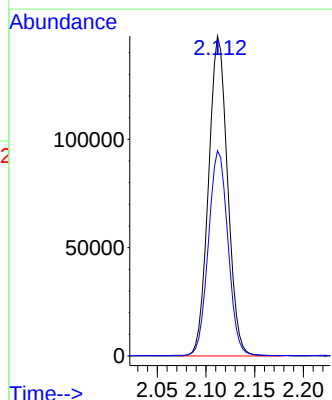
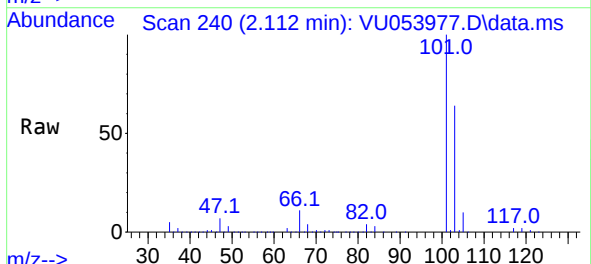
Instrument :
MSVOA_U
ClientSampleId :

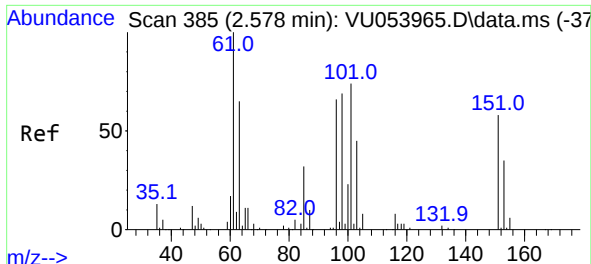
Tgt Ion: 64 Resp: 51841
Ion Ratio Lower Upper
64 100
66 32.5 21.8 40.6



#9
Trichlorofluoromethane
Concen: 65.720 ug/L
RT: 2.112 min Scan# 240
Delta R.T. -0.023 min
Lab File: VU053977.D
Acq: 28 Apr 2023 18:21

Tgt Ion: 101 Resp: 201684
Ion Ratio Lower Upper
101 100
103 65.5 52.5 78.7

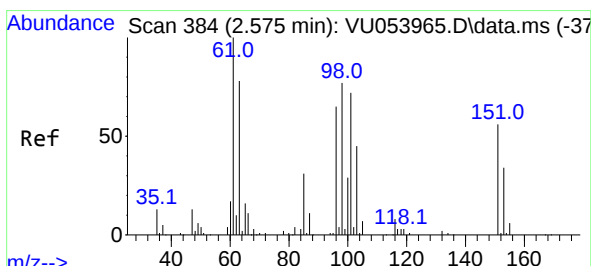
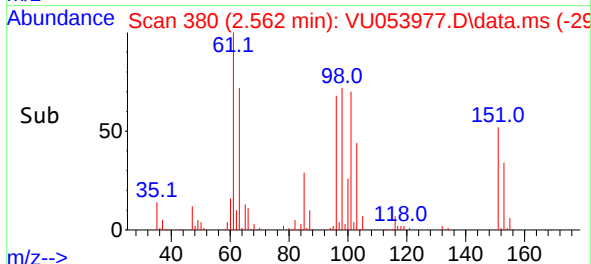
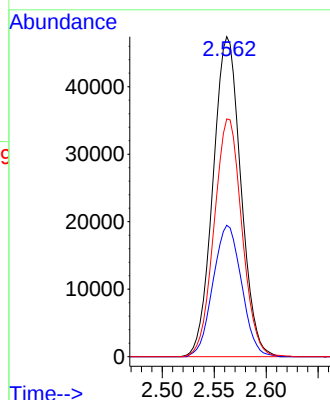
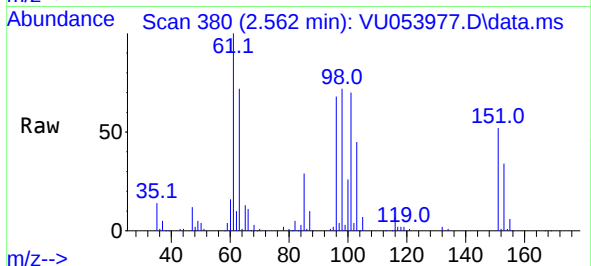




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 49.656 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.016 min
Lab File: VU053977.D
Acq: 28 Apr 2023 18:21

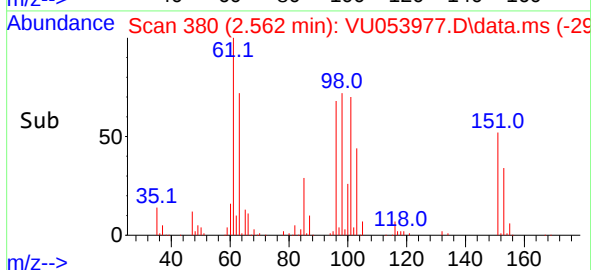
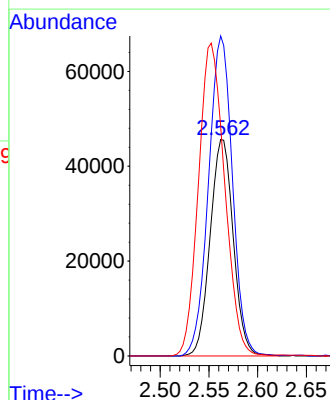
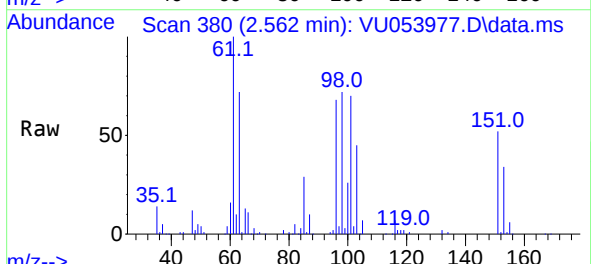
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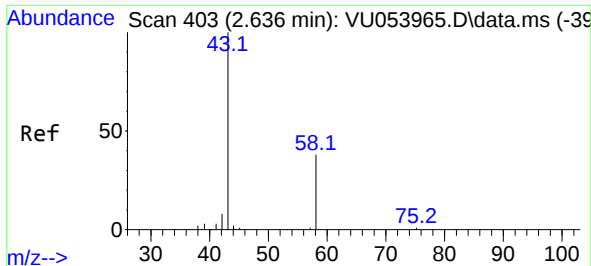
Tgt Ion:101 Resp: 88254
Ion Ratio Lower Upper
101 100
85 42.1 32.6 48.8
151 74.5 65.8 98.6



#12
1,1-Dichloroethene
Concen: 47.578 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU053977.D
Acq: 28 Apr 2023 18:21

Tgt Ion: 96 Resp: 75362
Ion Ratio Lower Upper
96 100
61 147.8 107.9 200.5
63 106.1 79.1 146.9





#13

Acetone

Concen: 102.666 ug/L

RT: 2.642 min Scan# 403

Delta R.T. 0.026 min

Lab File: VU053977.D

Acq: 28 Apr 2023 18:21

Instrument :

MSVOA_U

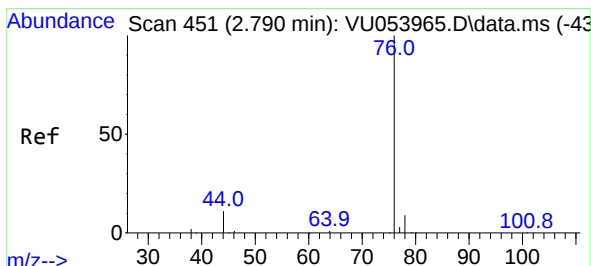
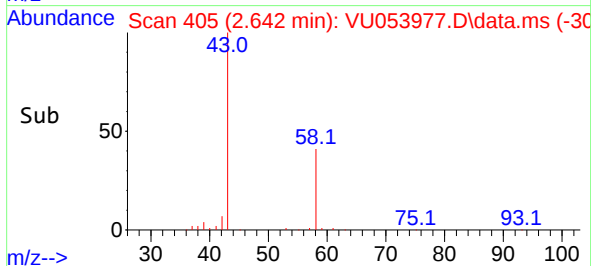
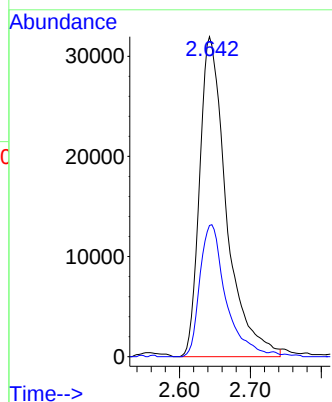
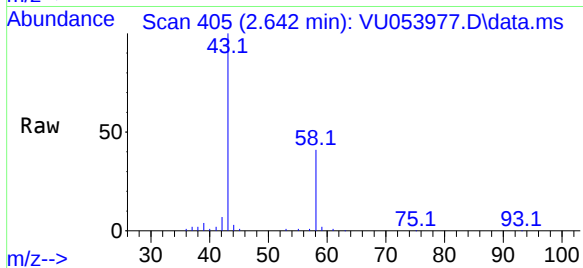
ClientSampleId :

Tgt Ion: 43 Resp: 83967

Ion Ratio Lower Upper

43 100

58 39.8 0.0 70.2



#14

Carbon disulfide

Concen: 34.196 ug/L

RT: 2.777 min Scan# 447

Delta R.T. -0.013 min

Lab File: VU053977.D

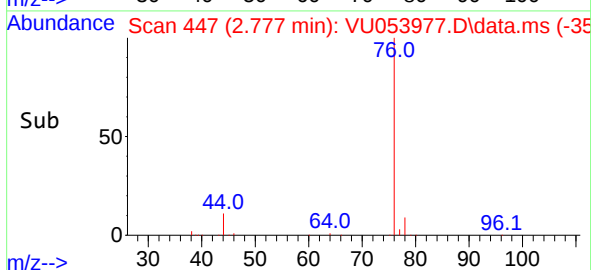
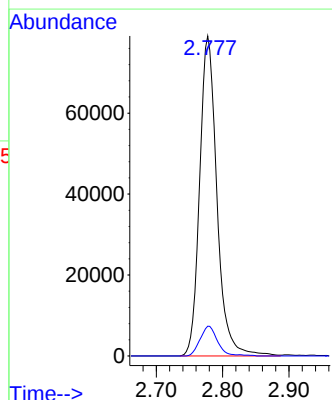
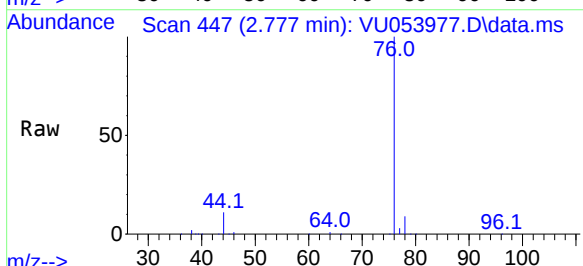
Acq: 28 Apr 2023 18:21

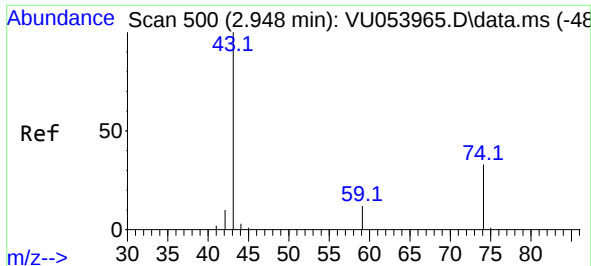
Tgt Ion: 76 Resp: 143282

Ion Ratio Lower Upper

76 100

78 9.3 8.2 12.2

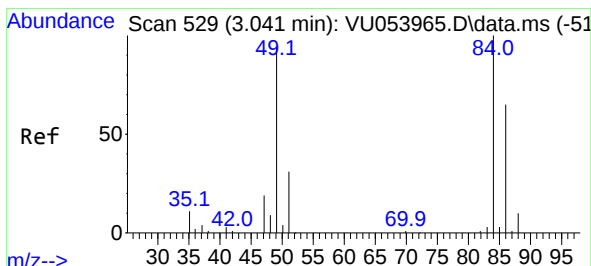
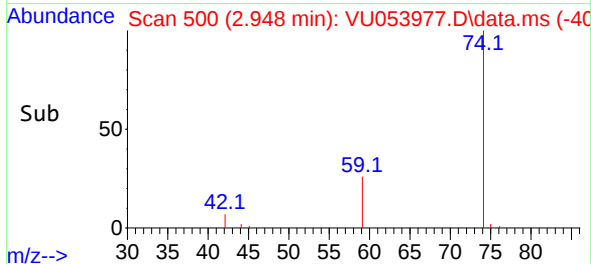
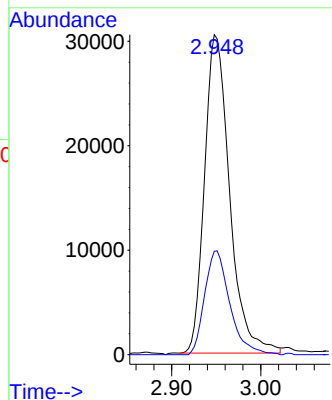
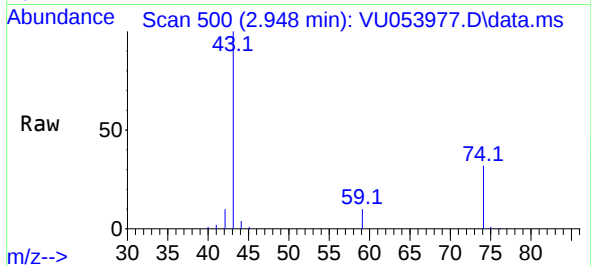




#15
Methyl Acetate
Concen: 47.711 ug/L
RT: 2.948 min Scan# 500
Delta R.T. 0.006 min
Lab File: VU053977.D
Acq: 28 Apr 2023 18:21

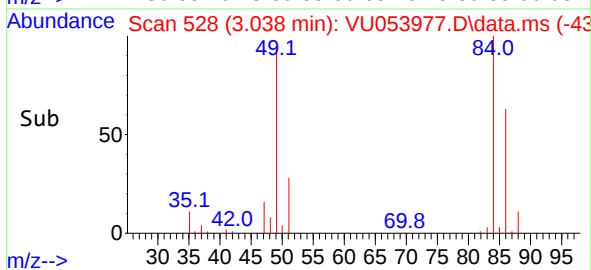
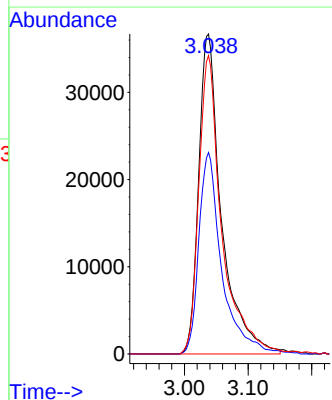
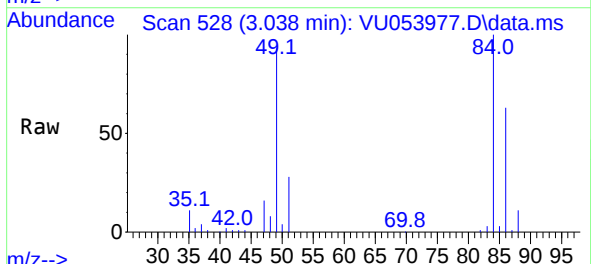
Instrument :
MSVOA_U
ClientSampleId :

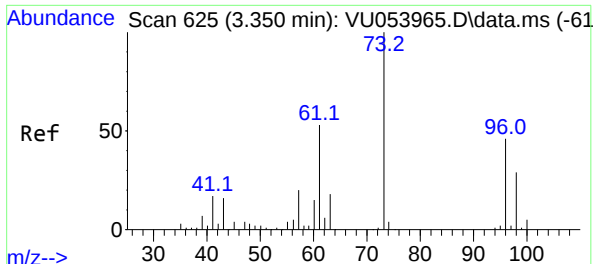
Tgt Ion: 43 Resp: 59769
Ion Ratio Lower Upper
43 100
74 32.6 22.0 33.0



#16
Methylene chloride
Concen: 51.467 ug/L
RT: 3.038 min Scan# 528
Delta R.T. -0.003 min
Lab File: VU053977.D
Acq: 28 Apr 2023 18:21

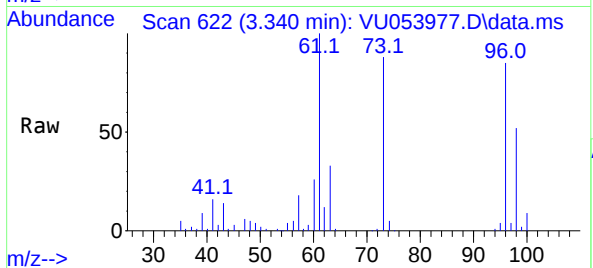
Tgt Ion: 84 Resp: 91629
Ion Ratio Lower Upper
84 100
86 63.0 43.5 80.9
49 93.2 69.7 129.5



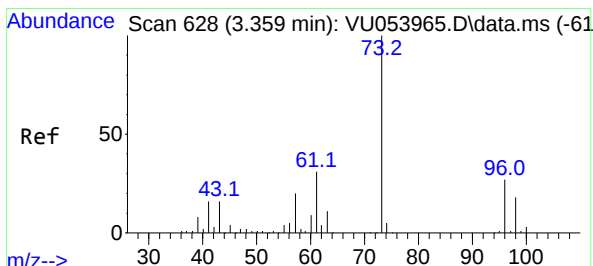
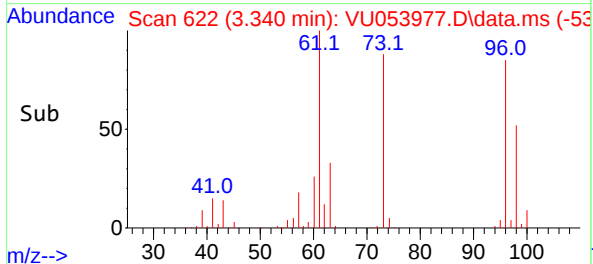
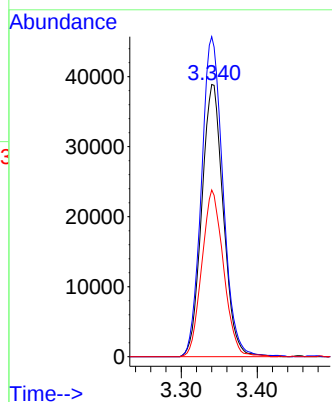


#17
trans-1,2-Dichloroethene
Concen: 48.118 ug/L
RT: 3.340 min Scan# 61
Delta R.T. -0.007 min
Lab File: VU053977.D
Acq: 28 Apr 2023 18:21

Instrument :
MSVOA_U
ClientSampleId :

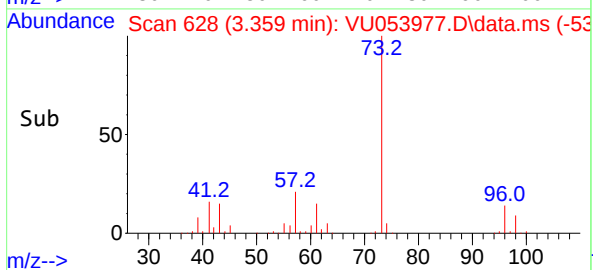
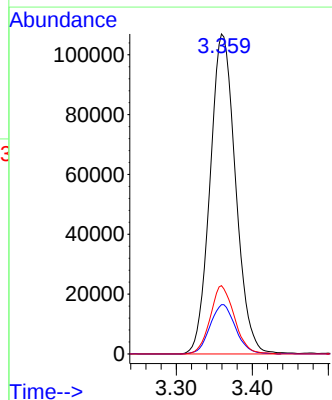
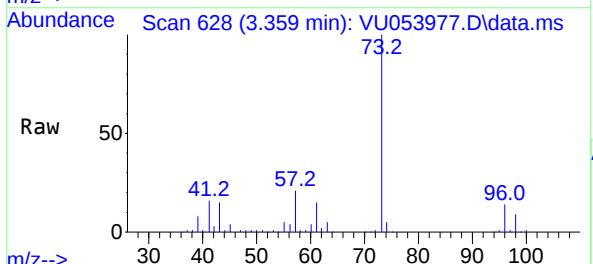


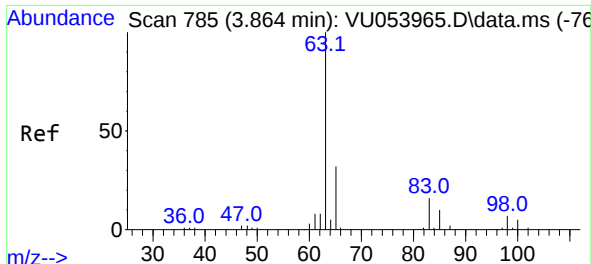
Tgt Ion: 96 Resp: 76598
Ion Ratio Lower Upper
96 100
61 117.6 84.4 156.8
98 61.2 46.0 85.4



#18
Methyl tert-butyl Ether
Concen: 53.649 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.003 min
Lab File: VU053977.D
Acq: 28 Apr 2023 18:21

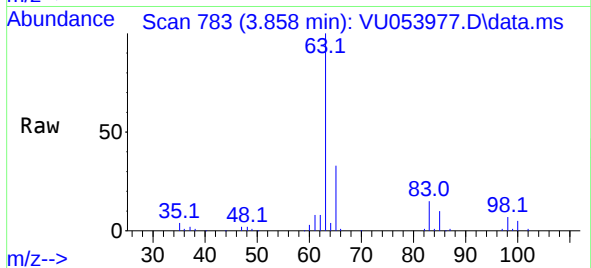
Tgt Ion: 73 Resp: 248930
Ion Ratio Lower Upper
73 100
43 15.5 13.8 20.8
57 20.2 15.9 23.9



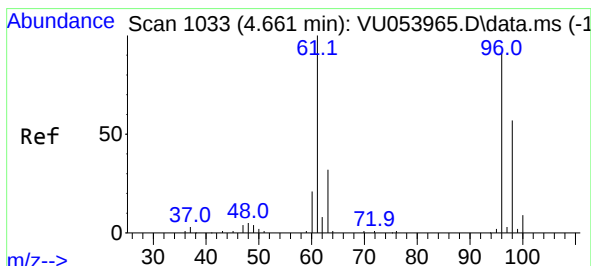
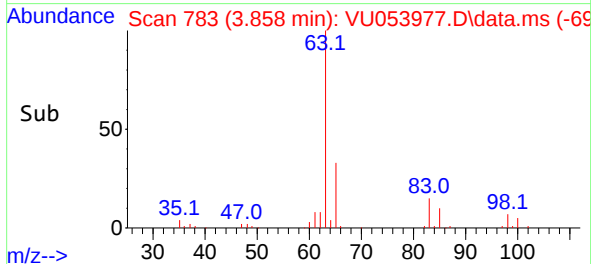
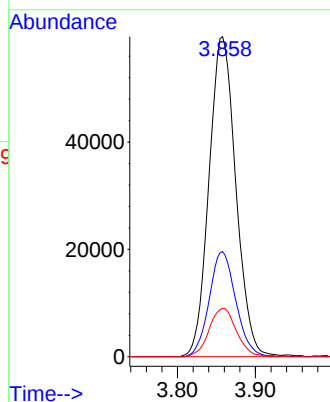


#19
1,1-Dichloroethane
Concen: 54.121 ug/L
RT: 3.858 min Scan# 71
Delta R.T. -0.007 min
Lab File: VU053977.D
Acq: 28 Apr 2023 18:21

Instrument :
MSVOA_U
ClientSampleId :

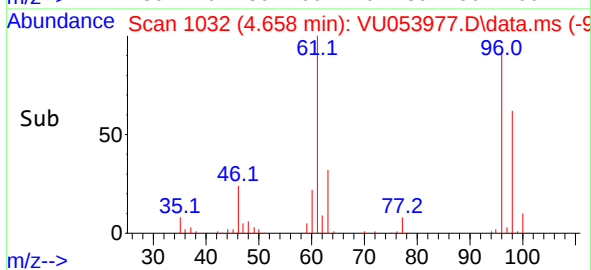
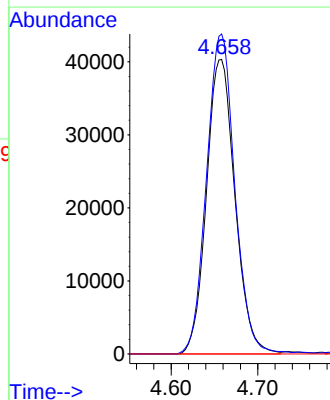
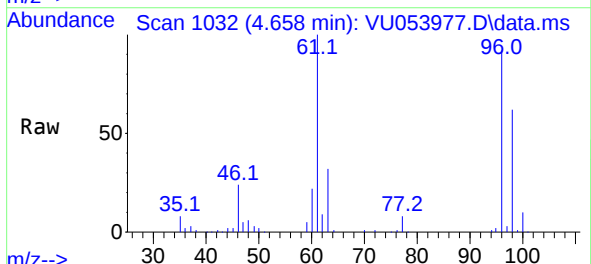


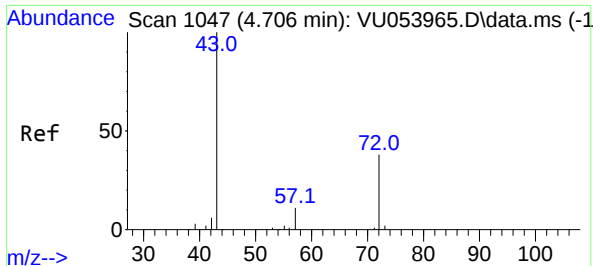
Tgt Ion: 63 Resp: 142715
Ion Ratio Lower Upper
63 100
65 32.8 22.0 41.0
83 15.1 10.8 20.0



#20
cis-1,2-Dichloroethene
Concen: 50.187 ug/L
RT: 4.658 min Scan# 1032
Delta R.T. -0.003 min
Lab File: VU053977.D
Acq: 28 Apr 2023 18:21

Tgt Ion: 96 Resp: 92279
Ion Ratio Lower Upper
96 100
61 108.6 74.7 138.7
68 0.0 0.0 0.0

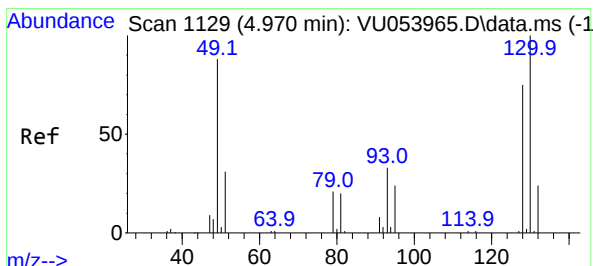
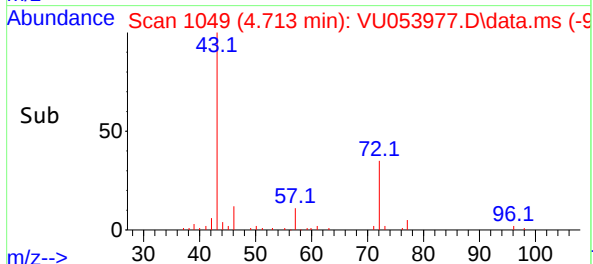
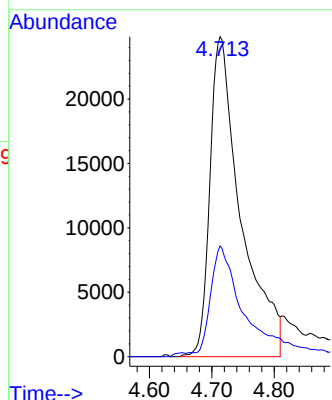
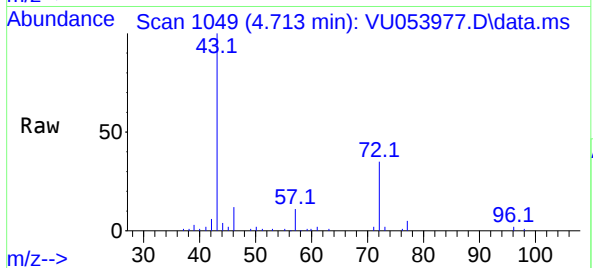




#22
2-Butanone
Concen: 86.411 ug/L
RT: 4.713 min Scan# 110
Delta R.T. 0.022 min
Lab File: VU053977.D
Acq: 28 Apr 2023 18:21

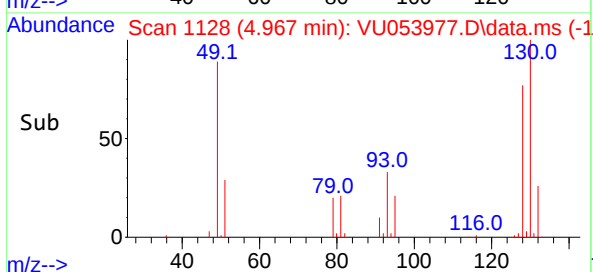
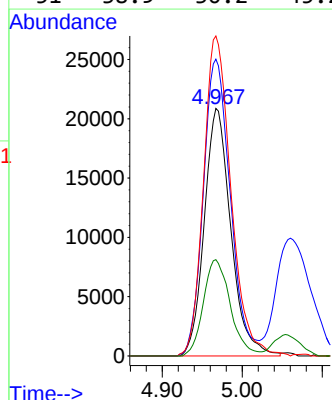
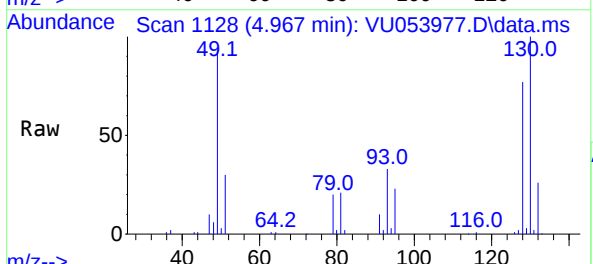
Instrument :
MSVOA_U
ClientSampleId :

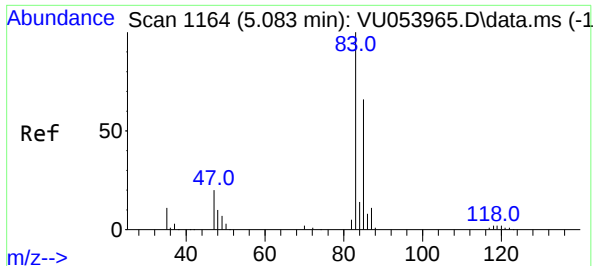
Tgt Ion: 43 Resp: 85620
Ion Ratio Lower Upper
43 100
72 32.7 15.8 47.3



#23
Bromochloromethane
Concen: 47.168 ug/L
RT: 4.967 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VU053977.D
Acq: 28 Apr 2023 18:21

Tgt Ion:128 Resp: 48309
Ion Ratio Lower Upper
128 100
49 119.9 81.5 151.3
130 129.3 91.8 170.4
51 38.9 30.2 45.2





#25

Chloroform

Concen: 56.365 ug/L

RT: 5.080 min Scan# 1164

Delta R.T. -0.003 min

Lab File: VU053977.D

Acq: 28 Apr 2023 18:21

Instrument :

MSVOA_U

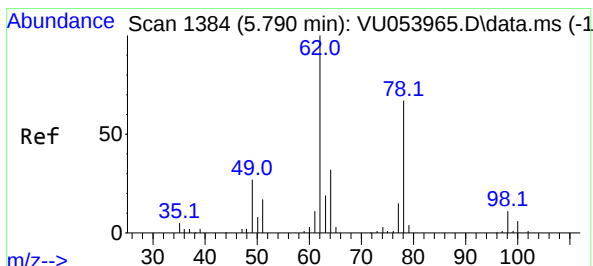
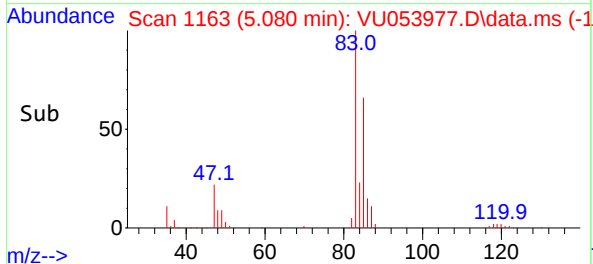
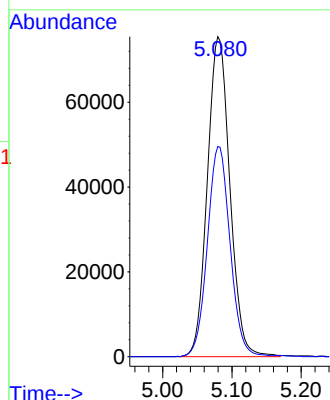
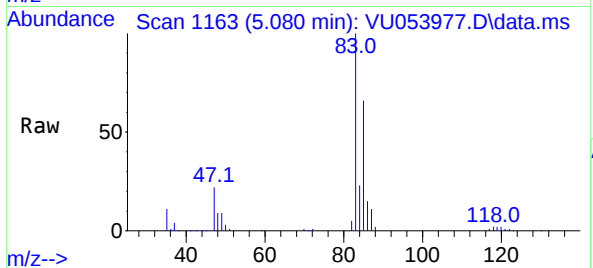
ClientSampleId :

Tgt Ion: 83 Resp: 170477

Ion Ratio Lower Upper

83 100

85 65.7 46.1 85.5



#27

1,2-Dichloroethane

Concen: 52.539 ug/L

RT: 5.787 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VU053977.D

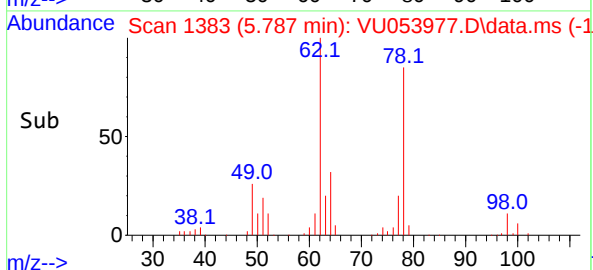
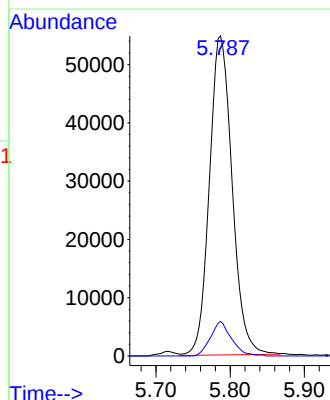
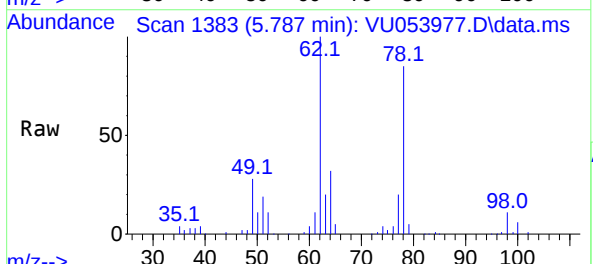
Acq: 28 Apr 2023 18:21

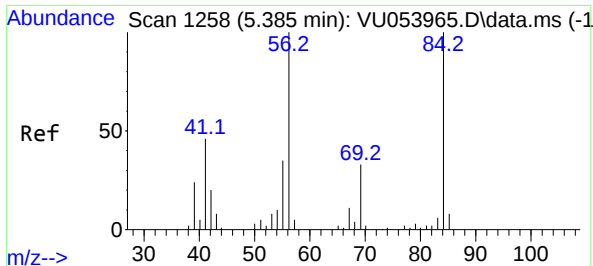
Tgt Ion: 62 Resp: 116373

Ion Ratio Lower Upper

62 100

98 10.8 8.3 12.5





#29

Cyclohexane

Concen: 41.562 ug/L

RT: 5.379 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU053977.D

Acq: 28 Apr 2023 18:21

Instrument :

MSVOA_U

ClientSampleId :

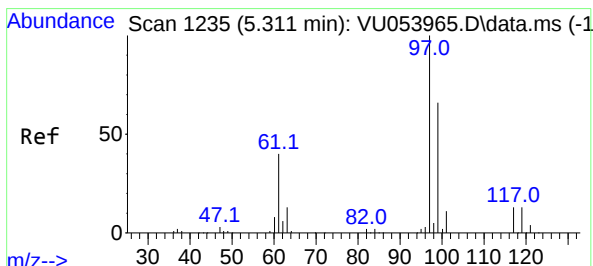
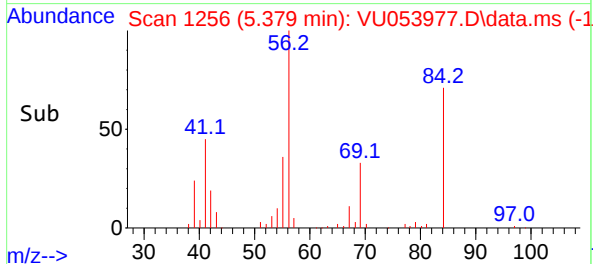
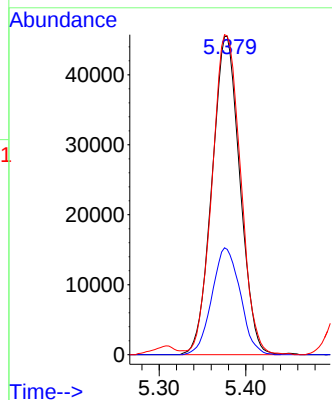
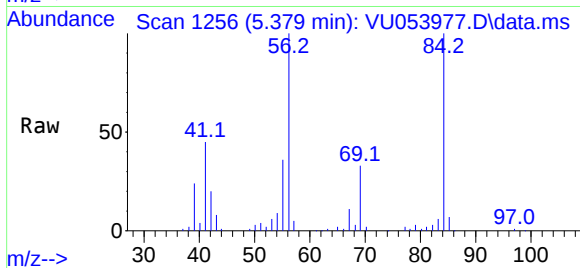
Tgt Ion: 56 Resp: 101787

Ion Ratio Lower Upper

56 100

69 34.0 27.3 40.9

84 102.7 81.3 121.9



#30

1,1,1-Trichloroethane

Concen: 49.751 ug/L

RT: 5.305 min Scan# 1233

Delta R.T. -0.007 min

Lab File: VU053977.D

Acq: 28 Apr 2023 18:21

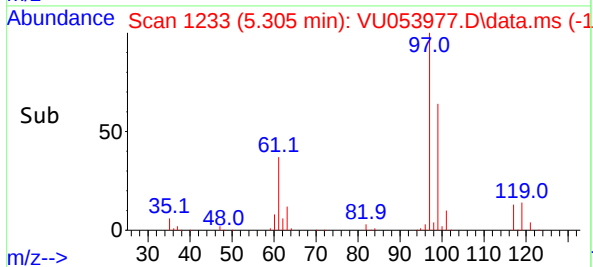
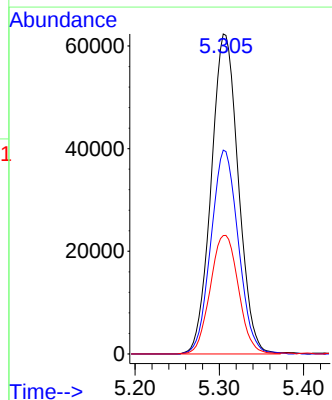
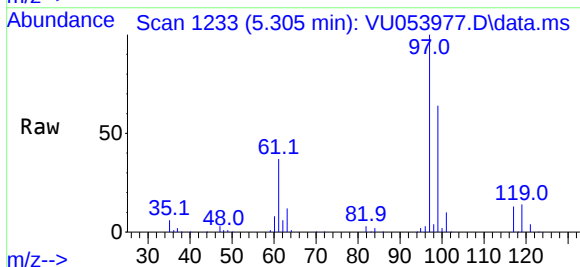
Tgt Ion: 97 Resp: 139459

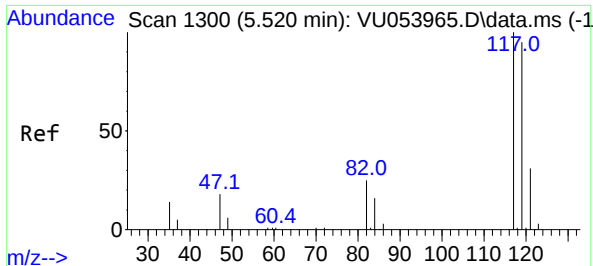
Ion Ratio Lower Upper

97 100

99 64.4 51.6 77.4

61 38.5 31.0 46.4

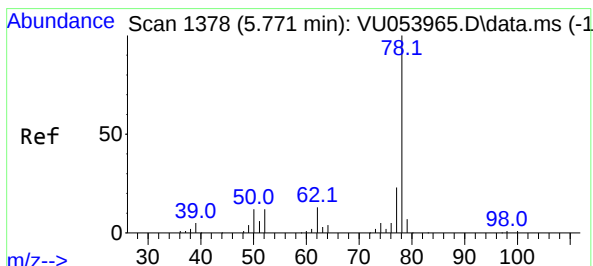
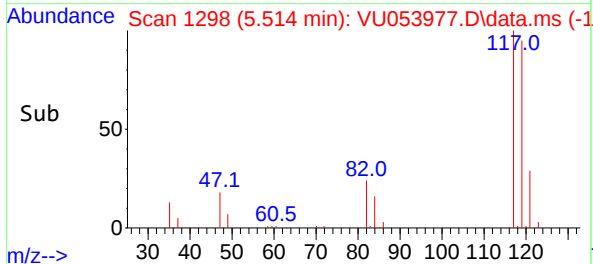
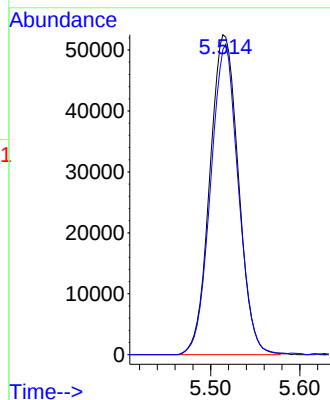
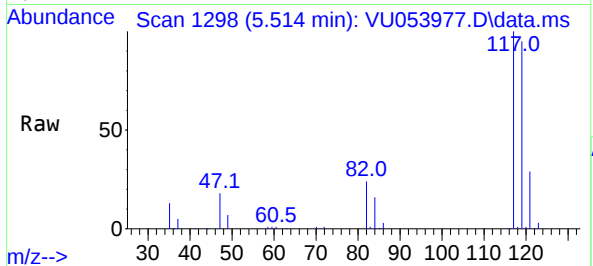




#31
Carbon tetrachloride
Concen: 46.527 ug/L
RT: 5.514 min Scan# 117
Delta R.T. -0.007 min
Lab File: VU053977.D
Acq: 28 Apr 2023 18:21

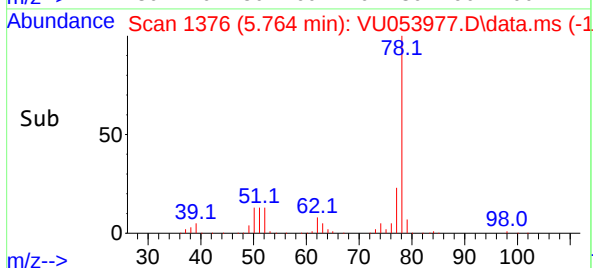
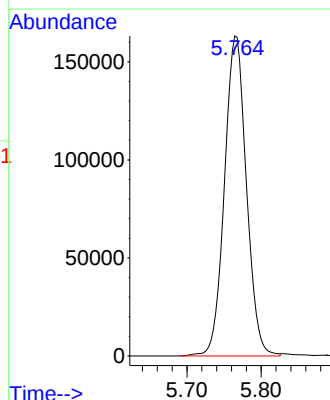
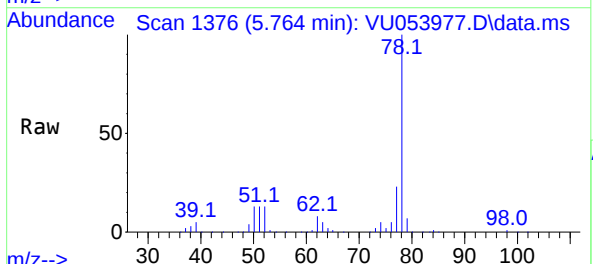
Instrument :
MSVOA_U
ClientSampleId :

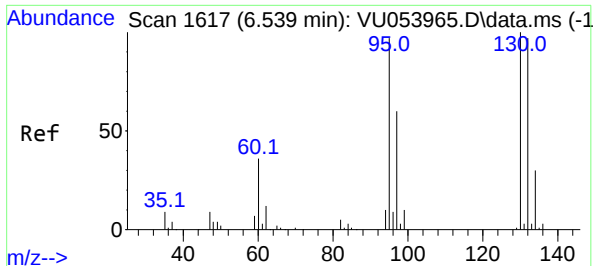
Tgt Ion:117 Resp: 116851
Ion Ratio Lower Upper
117 100
119 94.3 76.9 115.3



#33
Benzene
Concen: 50.555 ug/L
RT: 5.764 min Scan# 1376
Delta R.T. -0.003 min
Lab File: VU053977.D
Acq: 28 Apr 2023 18:21

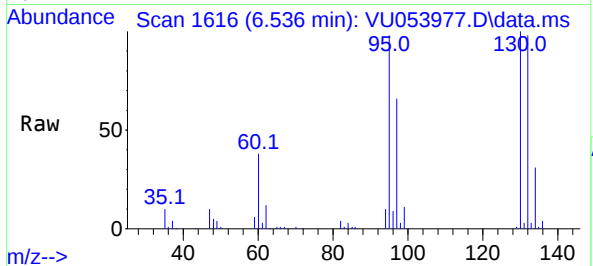
Tgt Ion: 78 Resp: 335087



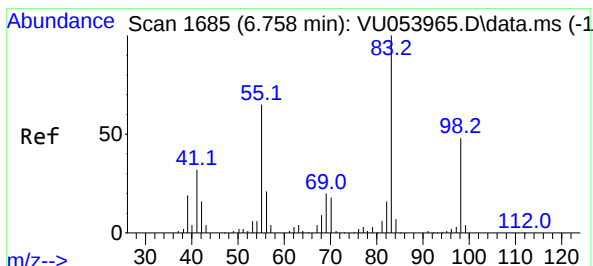
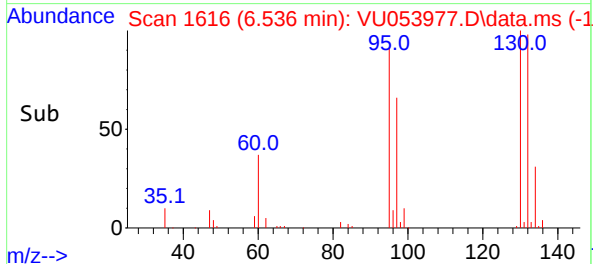
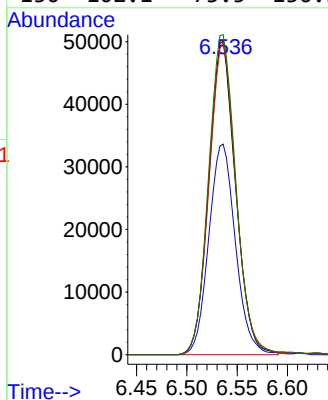


#34
Trichloroethene
Concen: 46.296 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. -0.000 min
Lab File: VU053977.D
Acq: 28 Apr 2023 18:21

Instrument :
MSVOA_U
ClientSampleId :

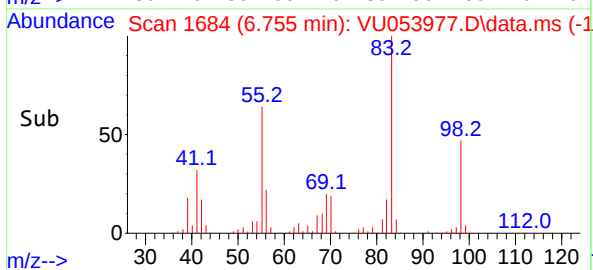
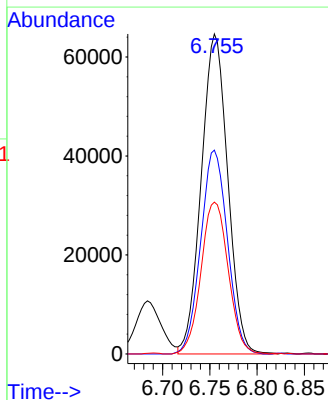
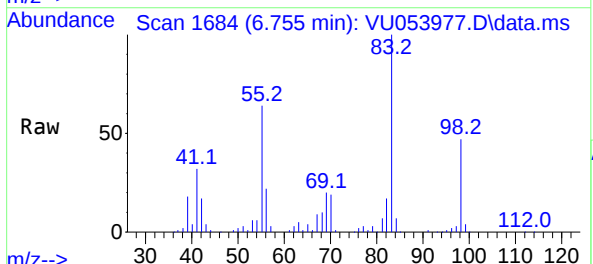


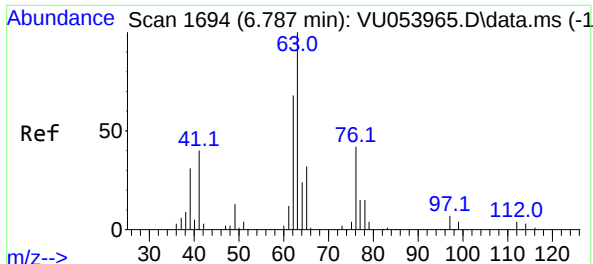
Tgt Ion: 95 Resp: 92809
Ion Ratio Lower Upper
95 100
97 67.2 45.1 83.7
132 99.8 74.1 137.5
130 102.1 73.5 136.5



#35
Methylcyclohexane
Concen: 42.840 ug/L
RT: 6.755 min Scan# 1684
Delta R.T. -0.003 min
Lab File: VU053977.D
Acq: 28 Apr 2023 18:21

Tgt Ion: 83 Resp: 126239
Ion Ratio Lower Upper
83 100
55 64.2 53.0 79.6
98 48.7 39.0 58.6

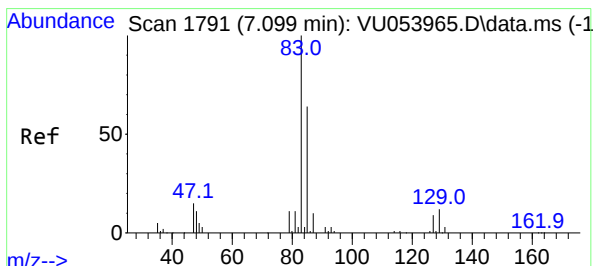
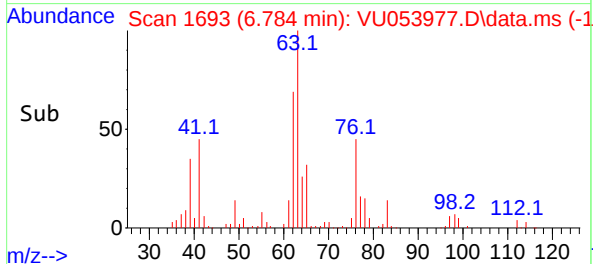
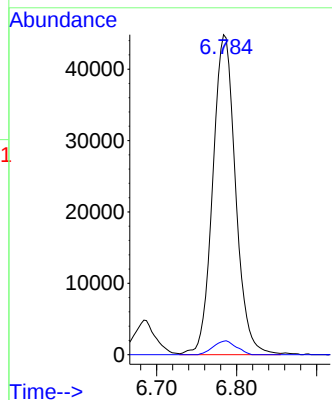
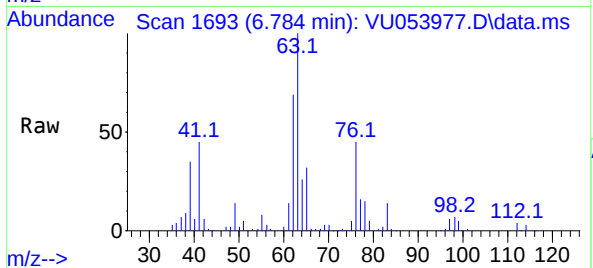




1,2-Dichloropropane
Concen: 52.717 ug/L
RT: 6.784 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU053977.D
Acq: 28 Apr 2023 18:21

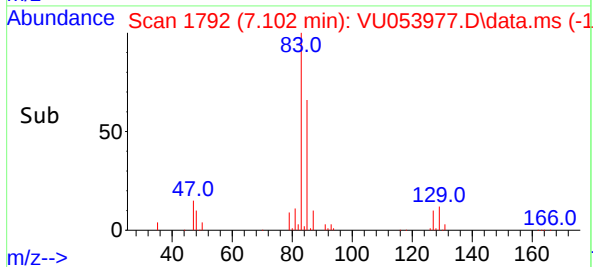
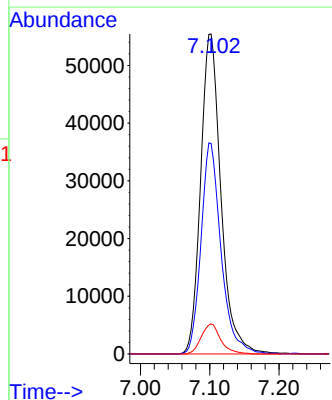
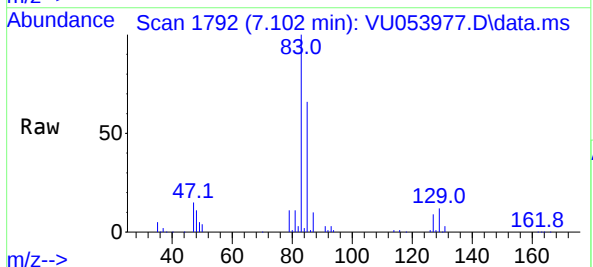
Instrument :
MSVOA_U
ClientSampleId :

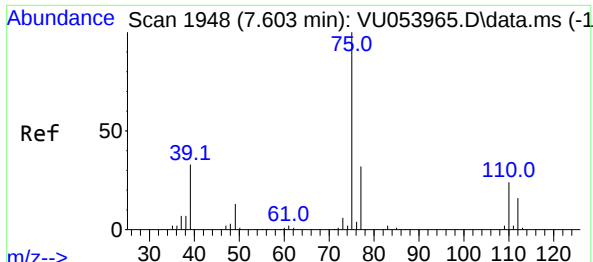
Tgt Ion: 63 Resp: 88723
Ion Ratio Lower Upper
63 100
112 4.3 3.8 5.6



Bromodichloromethane
Concen: 50.266 ug/L
RT: 7.102 min Scan# 1792
Delta R.T. 0.003 min
Lab File: VU053977.D
Acq: 28 Apr 2023 18:21

Tgt Ion: 83 Resp: 112858
Ion Ratio Lower Upper
83 100
85 65.8 44.4 82.5
127 9.4 8.0 12.0





#39

cis-1,3-Dichloropropene

Concen: 52.982 ug/L

RT: 7.604 min Scan# 1948

Delta R.T. 0.003 min

Lab File: VU053977.D

Acq: 28 Apr 2023 18:21

Instrument :

MSVOA_U

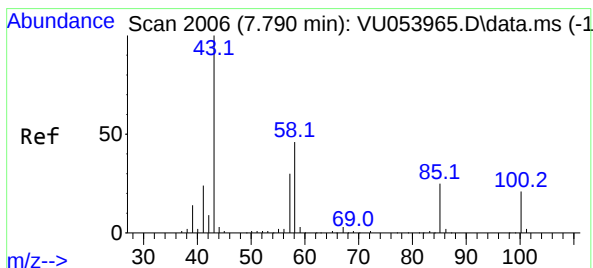
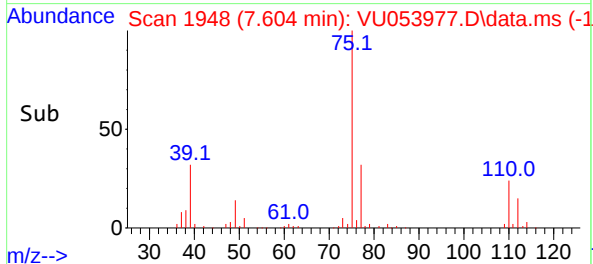
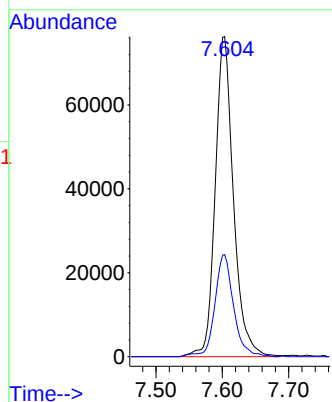
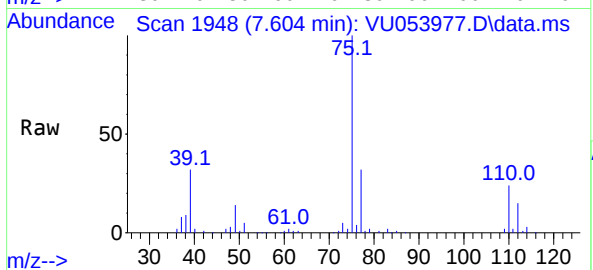
ClientSampleId :

Tgt Ion: 75 Resp: 145714

Ion Ratio Lower Upper

75 100

77 31.9 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 95.480 ug/L

RT: 7.825 min Scan# 2017

Delta R.T. 0.042 min

Lab File: VU053977.D

Acq: 28 Apr 2023 18:21

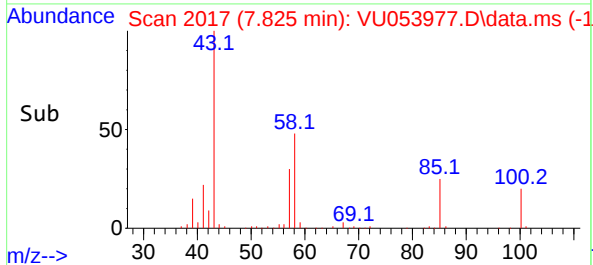
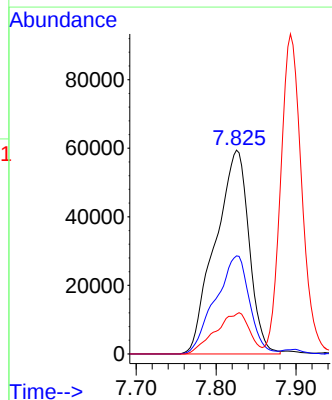
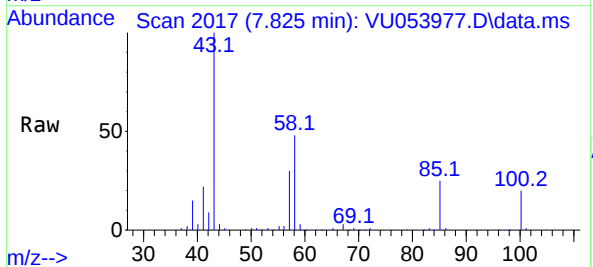
Tgt Ion: 43 Resp: 174624

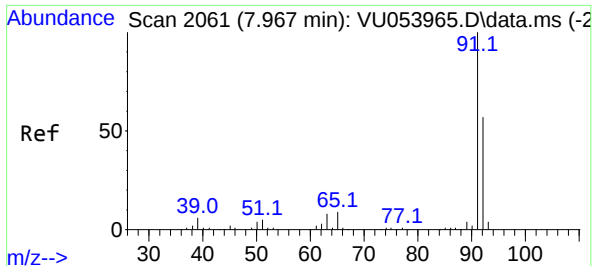
Ion Ratio Lower Upper

43 100

58 48.5 35.5 53.3

100 0.0 15.8 23.8#

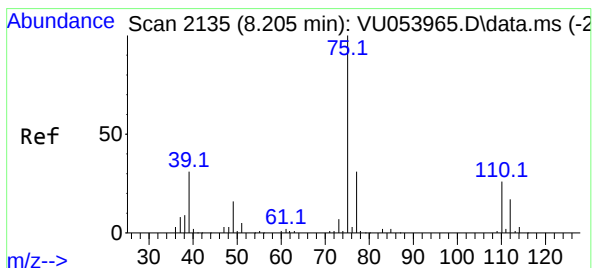
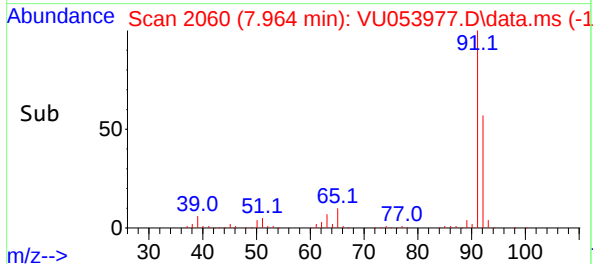
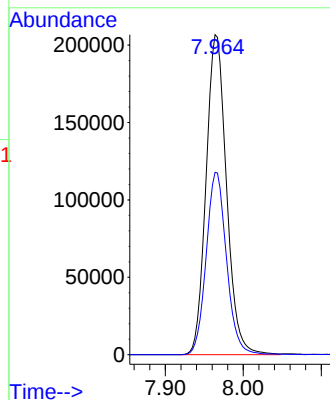
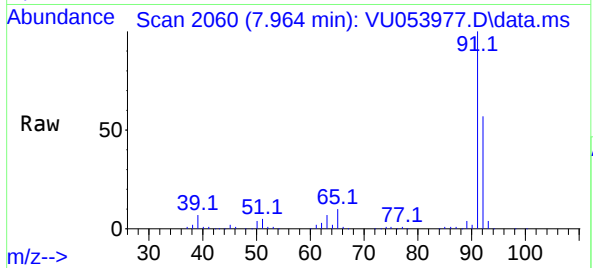




#42
Toluene
Concen: 50.229 ug/L
RT: 7.964 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VU053977.D
Acq: 28 Apr 2023 18:21

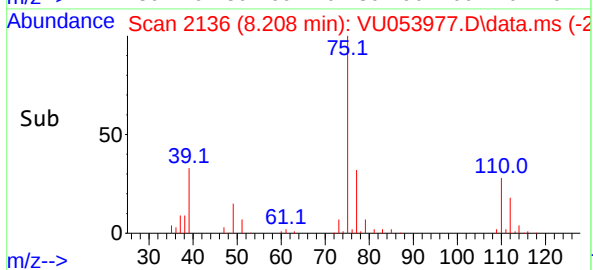
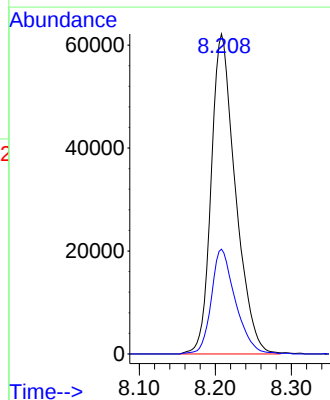
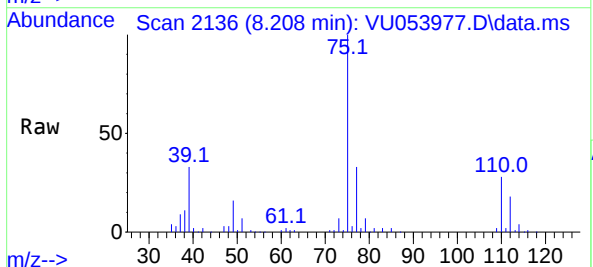
Instrument :
MSVOA_U
ClientSampleId :

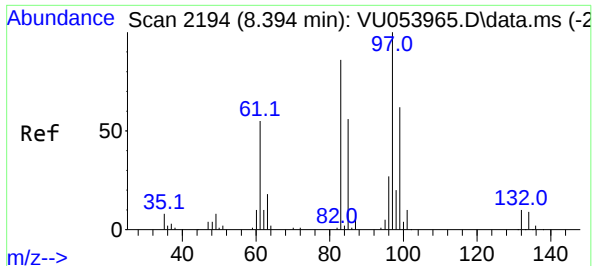
Tgt Ion: 91 Resp: 377292
Ion Ratio Lower Upper
91 100
92 57.0 39.8 73.8



#44
trans-1,3-Dichloropropene
Concen: 52.980 ug/L
RT: 8.208 min Scan# 2136
Delta R.T. 0.003 min
Lab File: VU053977.D
Acq: 28 Apr 2023 18:21

Tgt Ion: 75 Resp: 137745
Ion Ratio Lower Upper
75 100
77 32.8 21.8 40.4



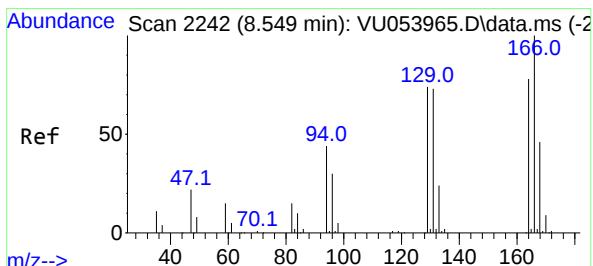
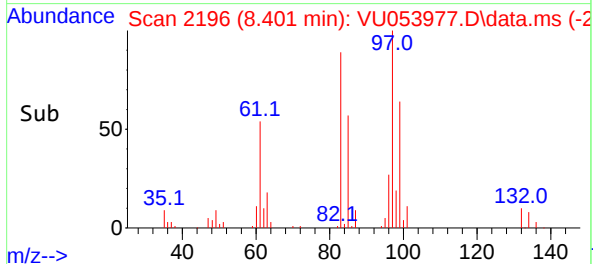
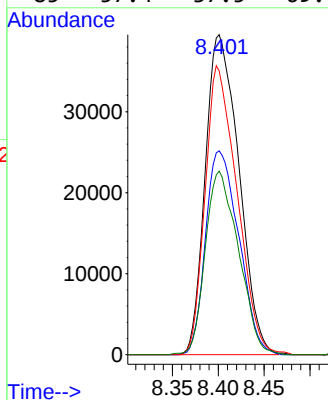
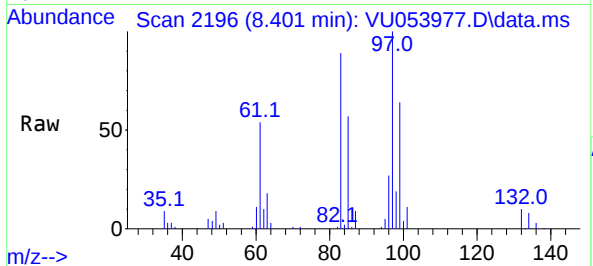


#45
1,1,2-Trichloroethane
Concen: 54.468 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.006 min
Lab File: VU053977.D
Acq: 28 Apr 2023 18:21

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 100647

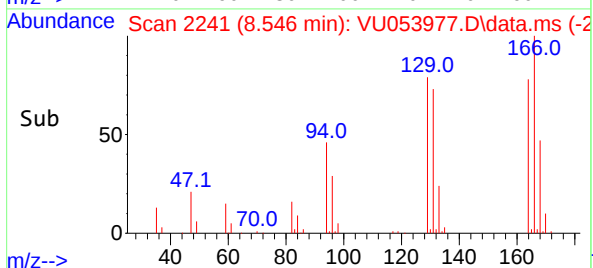
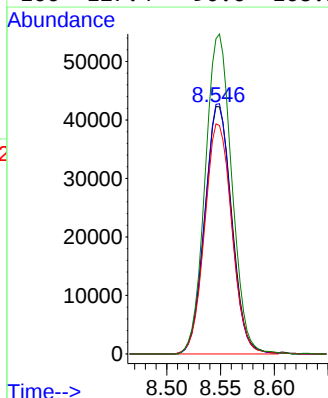
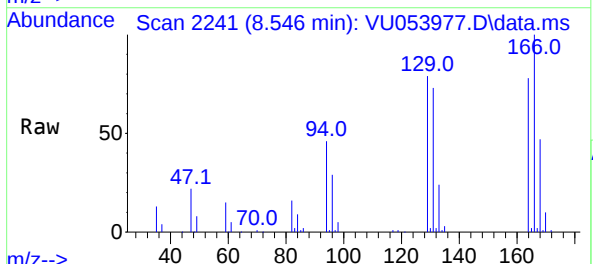
Ion	Ratio	Lower	Upper
97	100		
99	63.7	43.8	81.3
83	88.7	59.0	109.6
85	57.4	37.5	69.7

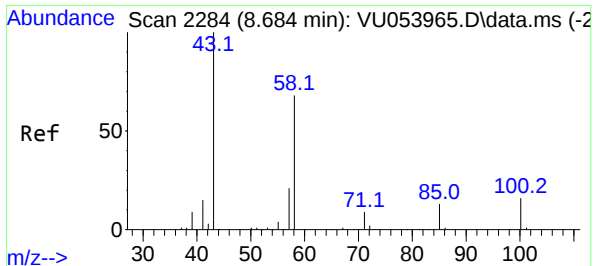


#46
Tetrachloroethene
Concen: 44.548 ug/L
RT: 8.546 min Scan# 2241
Delta R.T. -0.003 min
Lab File: VU053977.D
Acq: 28 Apr 2023 18:21

Tgt Ion: 164 Resp: 74108

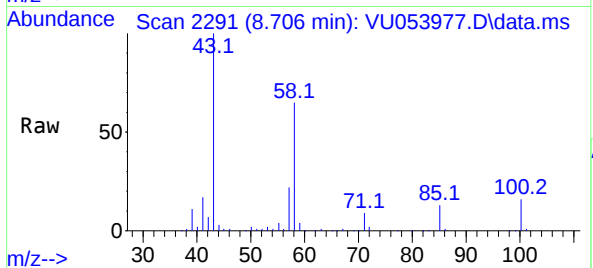
Ion	Ratio	Lower	Upper
164	100		
129	100.9	64.0	119.0
131	93.0	61.9	115.1
166	127.4	90.6	168.2



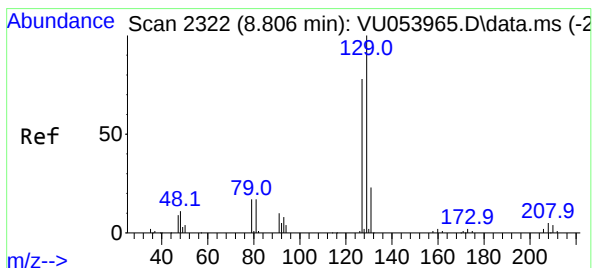
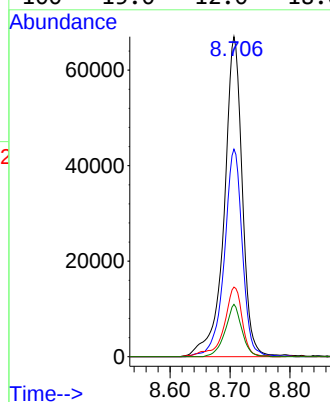
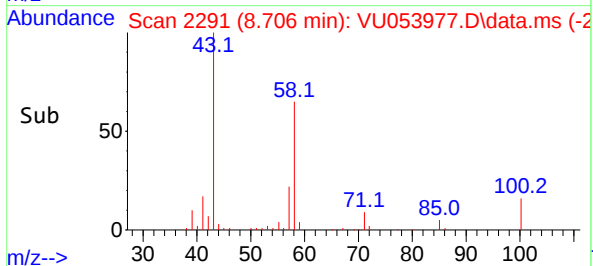


#48
2-Hexanone
Concen: 94.775 ug/L
RT: 8.706 min Scan# 21
Delta R.T. 0.029 min
Lab File: VU053977.D
Acq: 28 Apr 2023 18:21

Instrument :
MSVOA_U
ClientSampleId :

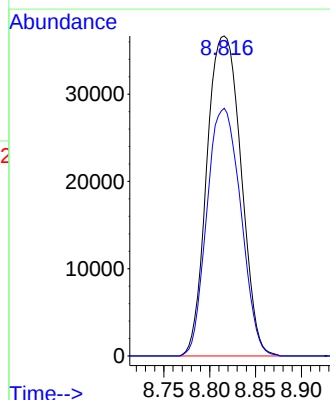
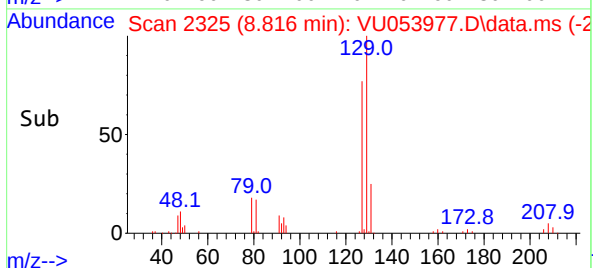
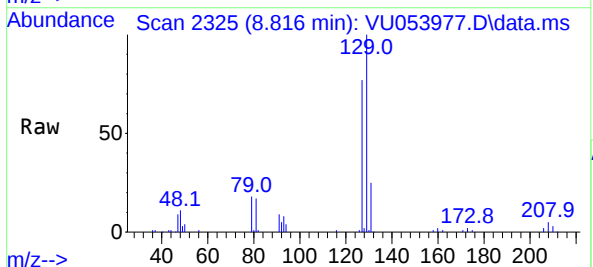


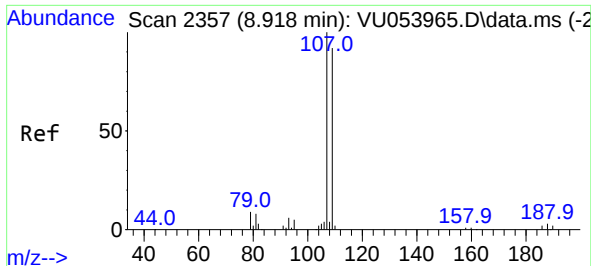
Tgt Ion: 43 Resp: 140213
Ion Ratio Lower Upper
43 100
58 64.6 49.8 74.6
57 21.1 17.8 26.6
100 15.0 12.0 18.0



#49
Dibromochloromethane
Concen: 49.557 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.009 min
Lab File: VU053977.D
Acq: 28 Apr 2023 18:21

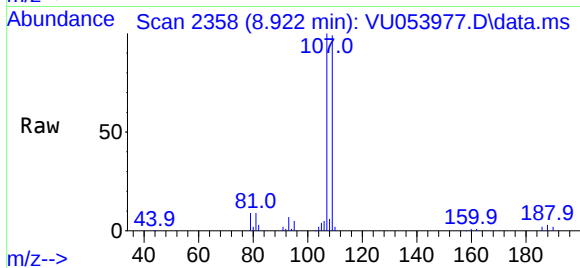
Tgt Ion: 129 Resp: 95216
Ion Ratio Lower Upper
129 100
127 77.4 53.5 99.3



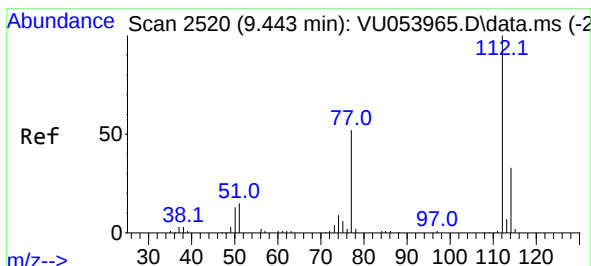
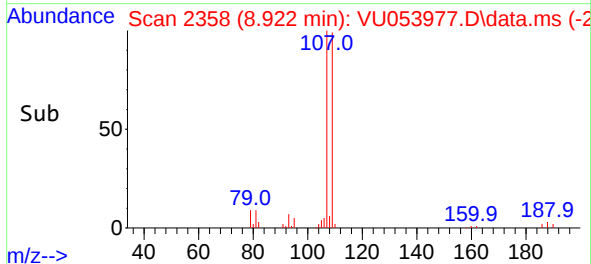
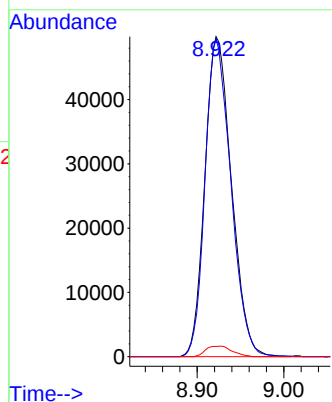


#50
1,2-Dibromoethane
Concen: 51.299 ug/L
RT: 8.922 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU053977.D
Acq: 28 Apr 2023 18:21

Instrument :
MSVOA_U
ClientSampleId :

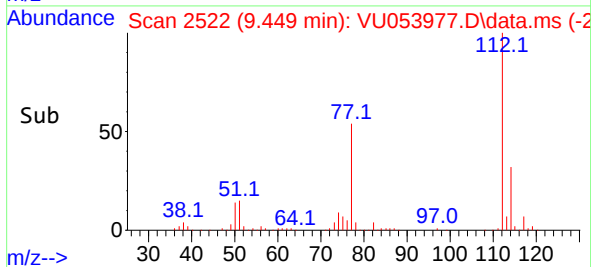
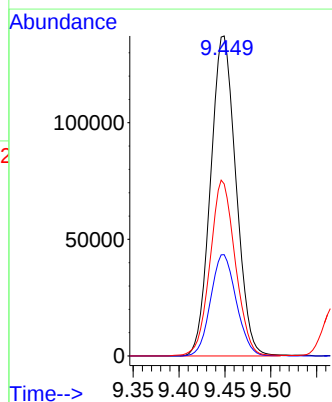
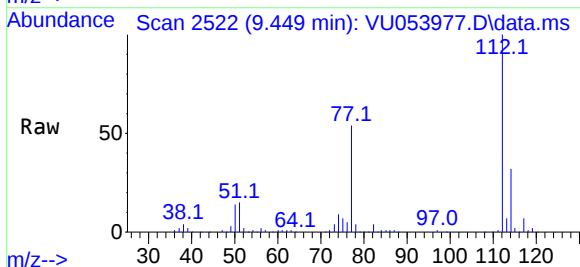


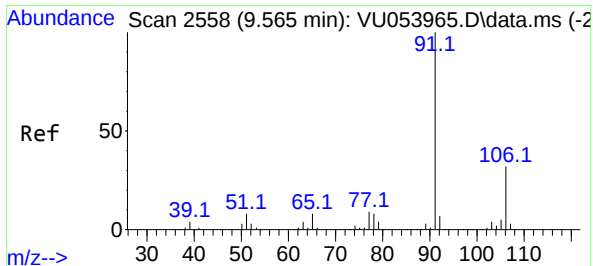
Tgt Ion:107 Resp: 106052
Ion Ratio Lower Upper
107 100
109 99.3 66.3 123.1
188 3.2 3.0 4.4



#51
Chlorobenzene
Concen: 50.979 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.006 min
Lab File: VU053977.D
Acq: 28 Apr 2023 18:21

Tgt Ion:112 Resp: 263832
Ion Ratio Lower Upper
112 100
114 31.7 22.2 41.2
77 53.8 41.3 61.9





#52

Ethylbenzene

Concen: 50.948 ug/L

RT: 9.568 min Scan# 2558

Delta R.T. 0.003 min

Lab File: VU053977.D

Acq: 28 Apr 2023 18:21

Instrument :

MSVOA_U

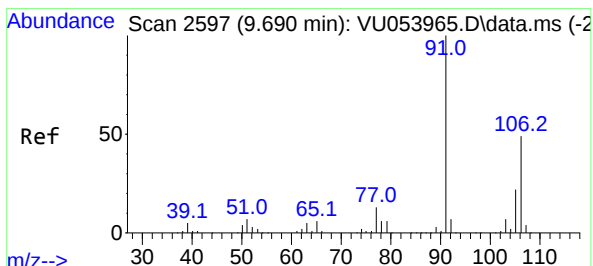
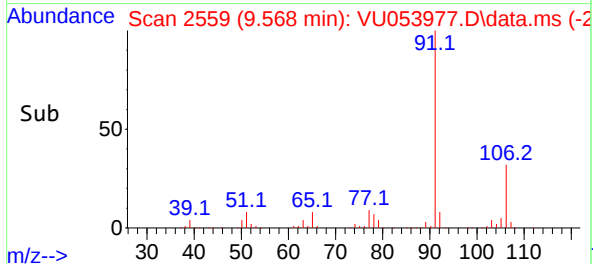
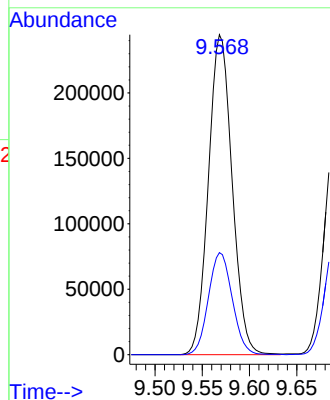
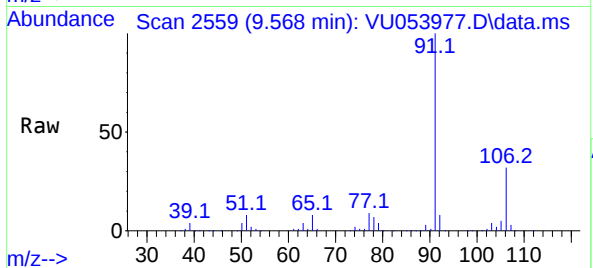
ClientSampleId :

Tgt Ion: 91 Resp: 426009

Ion Ratio Lower Upper

91 100

106 31.9 22.4 41.6



#53

m,p-Xylene

Concen: 50.531 ug/L

RT: 9.694 min Scan# 2598

Delta R.T. 0.003 min

Lab File: VU053977.D

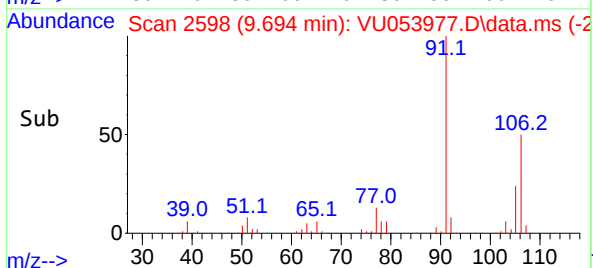
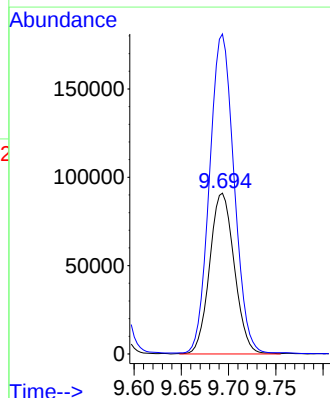
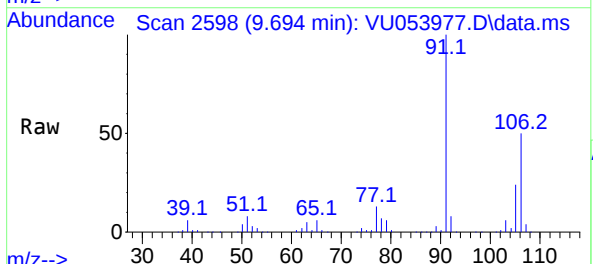
Acq: 28 Apr 2023 18:21

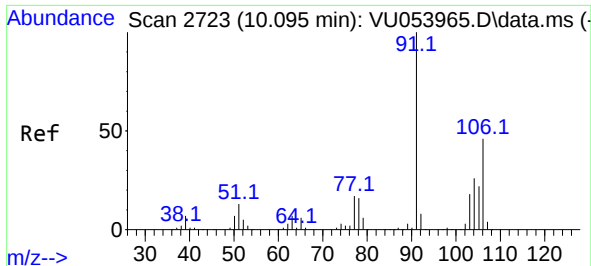
Tgt Ion:106 Resp: 165247

Ion Ratio Lower Upper

106 100

91 199.0 140.0 260.0

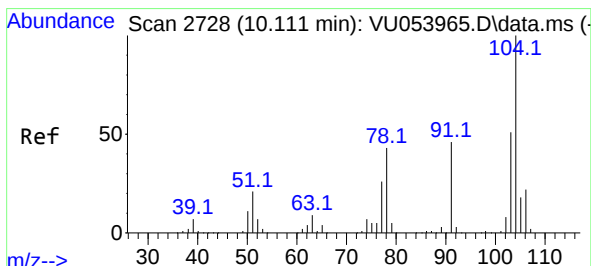
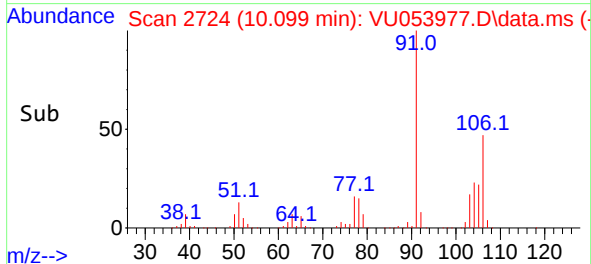
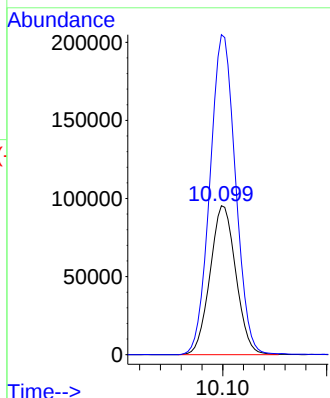
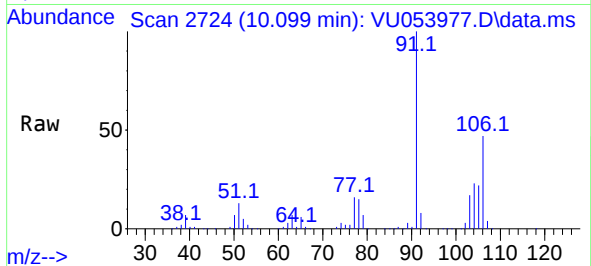




#54
o-Xylene
Concen: 50.766 ug/L
RT: 10.099 min Scan# 2723
Delta R.T. 0.003 min
Lab File: VU053977.D
Acq: 28 Apr 2023 18:21

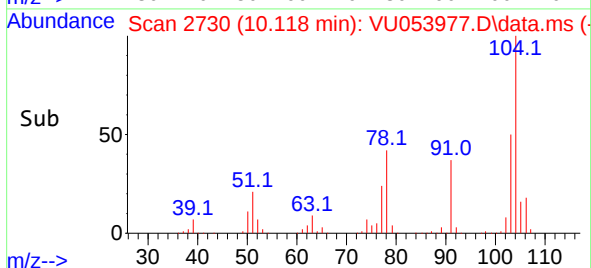
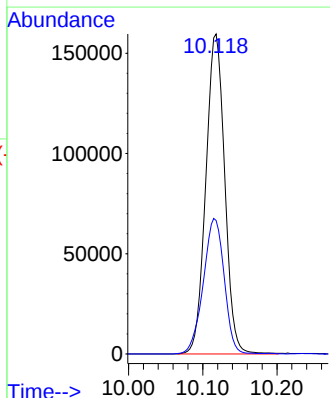
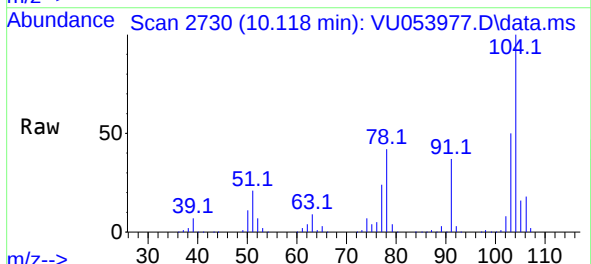
Instrument :
MSVOA_U
ClientSampleId :

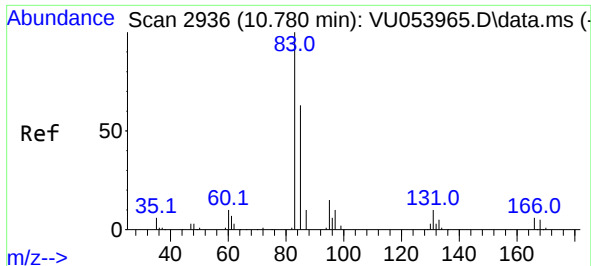
Tgt Ion:106 Resp: 164140
Ion Ratio Lower Upper
106 100
91 214.7 144.9 269.1



#55
Styrene
Concen: 53.554 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.006 min
Lab File: VU053977.D
Acq: 28 Apr 2023 18:21

Tgt Ion:104 Resp: 282032
Ion Ratio Lower Upper
104 100
78 41.7 31.3 58.1





#57

1,1,2,2-Tetrachloroethane

Concen: 57.197 ug/L

RT: 10.784 min Scan# 2936

Delta R.T. 0.006 min

Lab File: VU053977.D

Acq: 28 Apr 2023 18:21

Instrument :

MSVOA_U

ClientSampleId :

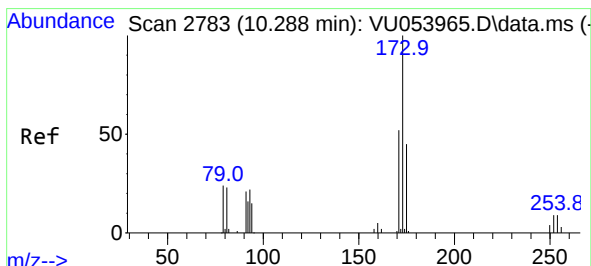
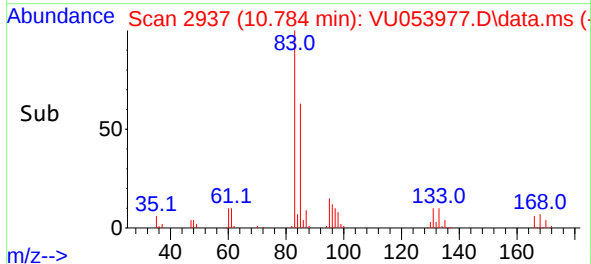
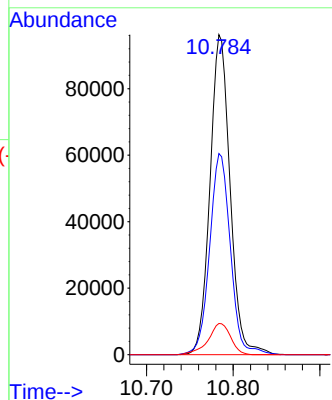
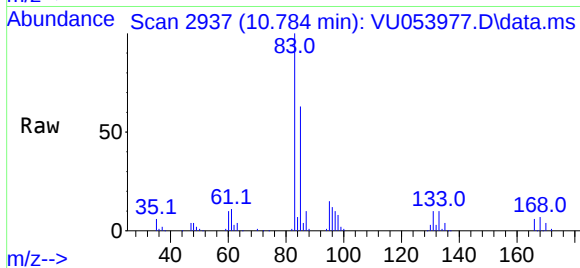
Tgt Ion: 83 Resp: 155177

Ion Ratio Lower Upper

83 100

85 62.9 47.0 87.4

131 9.8 8.7 13.1



#59

Bromoform

Concen: 49.936 ug/L

RT: 10.298 min Scan# 2786

Delta R.T. 0.013 min

Lab File: VU053977.D

Acq: 28 Apr 2023 18:21

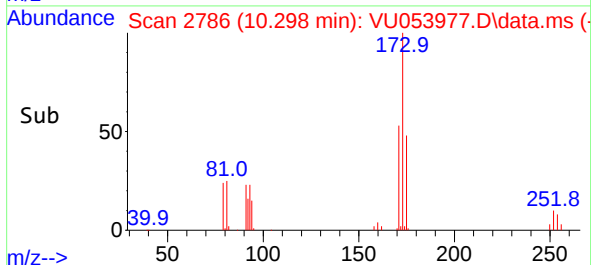
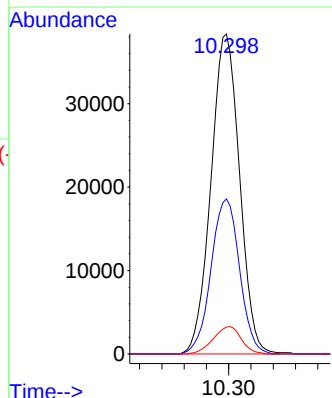
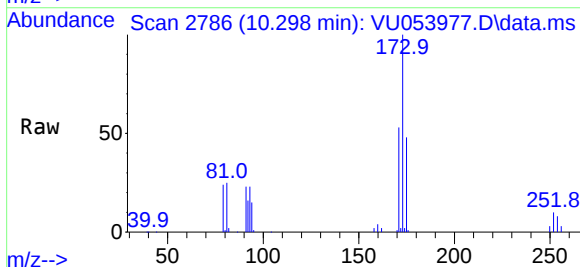
Tgt Ion:173 Resp: 68389

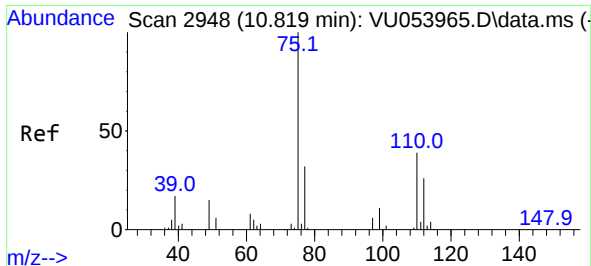
Ion Ratio Lower Upper

173 100

175 48.3 39.0 58.6

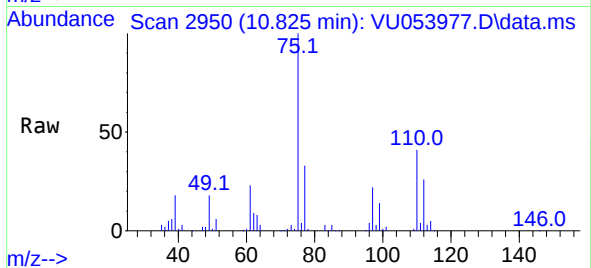
254 8.4 7.0 10.4



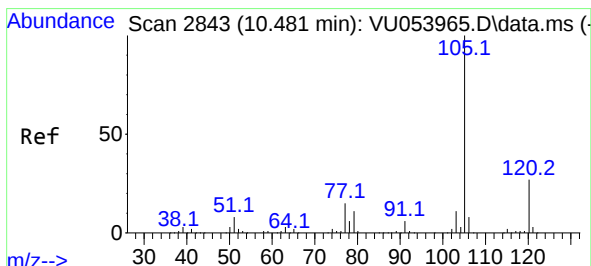
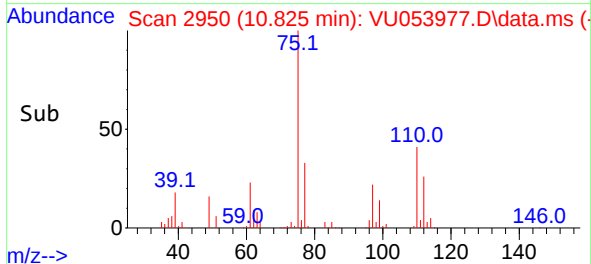
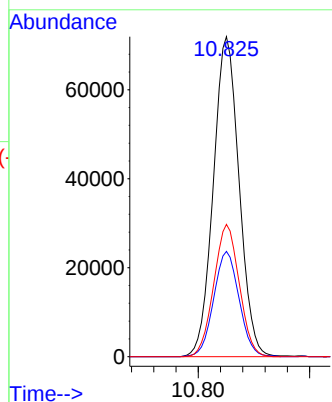


#60
1,2,3-Trichloropropane
Concen: 59.509 ug/L
RT: 10.825 min Scan# 2948
Delta R.T. 0.006 min
Lab File: VU053977.D
Acq: 28 Apr 2023 18:21

Instrument :
MSVOA_U
ClientSampleId :

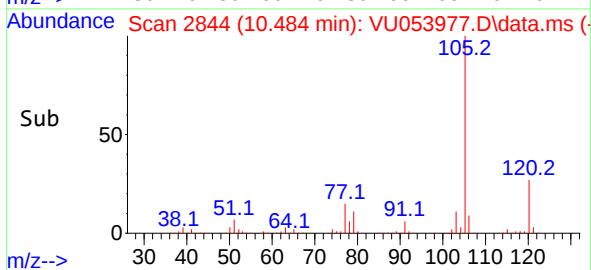
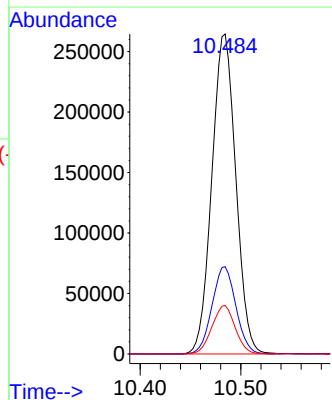
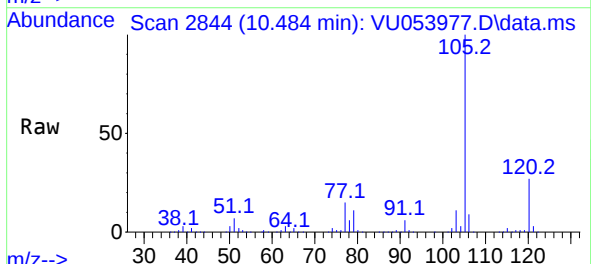


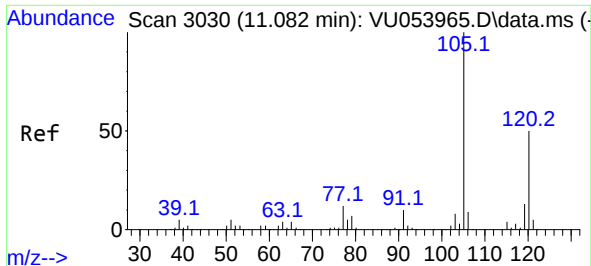
Tgt Ion: 75 Resp: 115450
Ion Ratio Lower Upper
75 100
77 32.5 26.0 39.0
110 40.9 32.6 48.8



#61
Isopropylbenzene
Concen: 55.335 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.003 min
Lab File: VU053977.D
Acq: 28 Apr 2023 18:21

Tgt Ion: 105 Resp: 437738
Ion Ratio Lower Upper
105 100
120 27.2 22.4 33.6
77 14.7 12.1 18.1

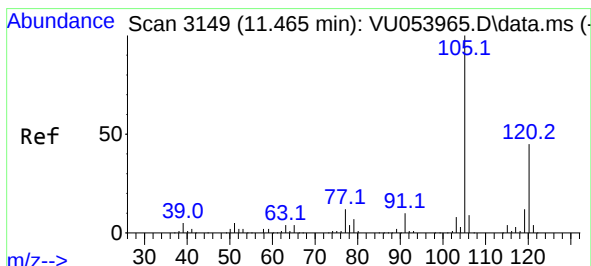
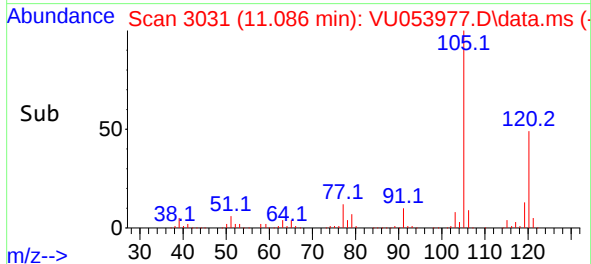
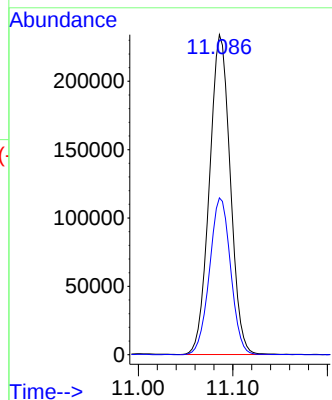
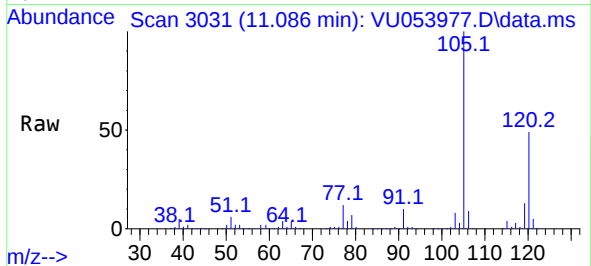




#62
1,3,5-Trimethylbenzene
Concen: 54.532 ug/L
RT: 11.086 min Scan# 3030
Delta R.T. -0.000 min
Lab File: VU053977.D
Acq: 28 Apr 2023 18:21

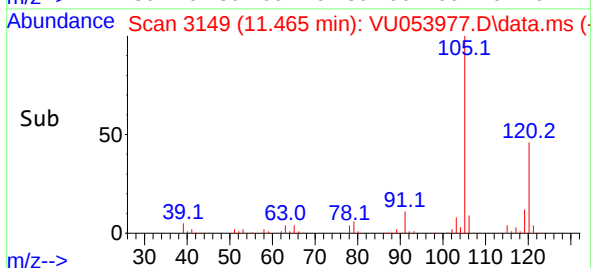
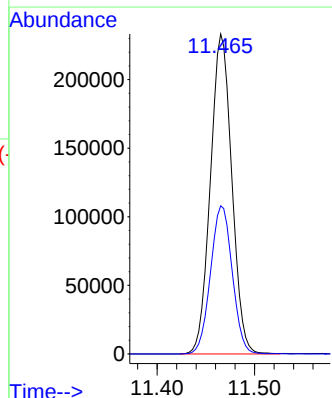
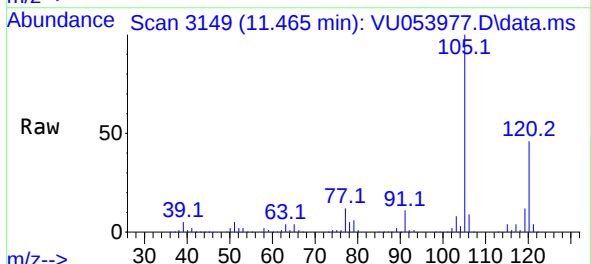
Instrument :
MSVOA_U
ClientSampleId :

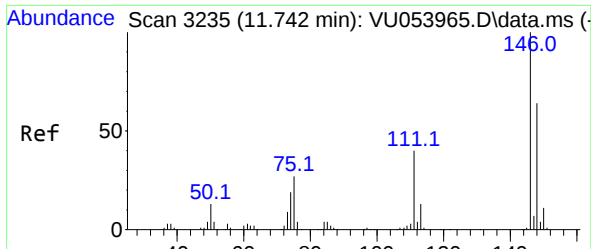
Tgt Ion:105 Resp: 358604
Ion Ratio Lower Upper
105 100
120 49.6 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 54.656 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU053977.D
Acq: 28 Apr 2023 18:21

Tgt Ion:105 Resp: 355985
Ion Ratio Lower Upper
105 100
120 47.0 37.5 56.3

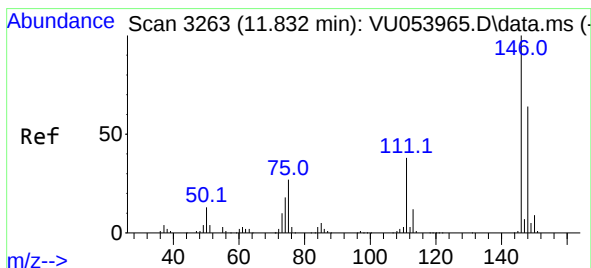
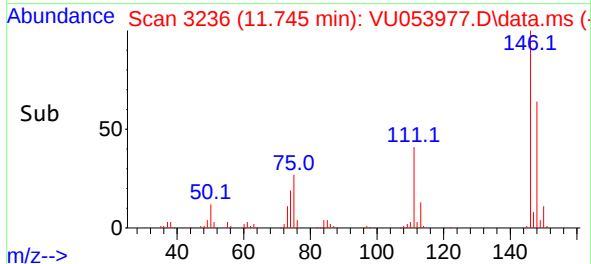
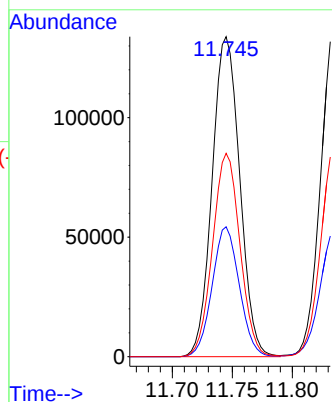
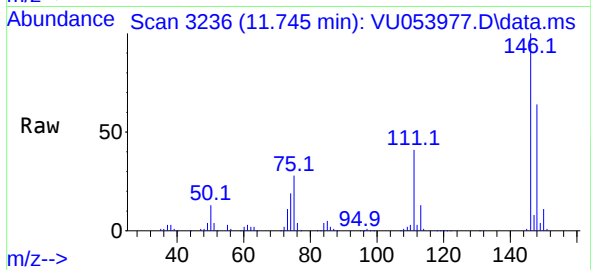




#64
1,3-Dichlorobenzene
Concen: 51.796 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU053977.D
Acq: 28 Apr 2023 18:21

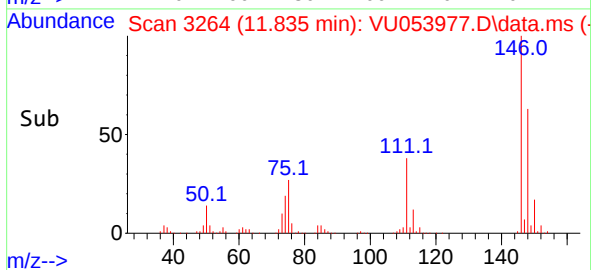
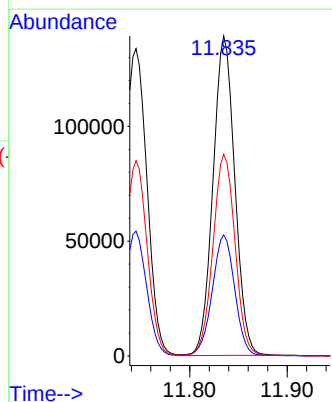
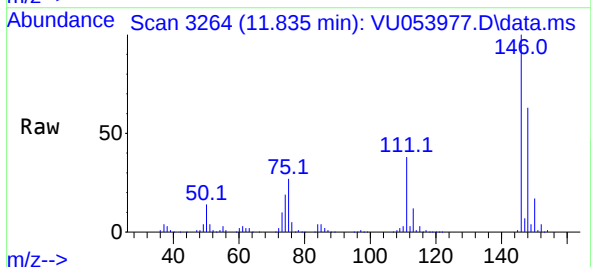
Instrument :
MSVOA_U
ClientSampleId :

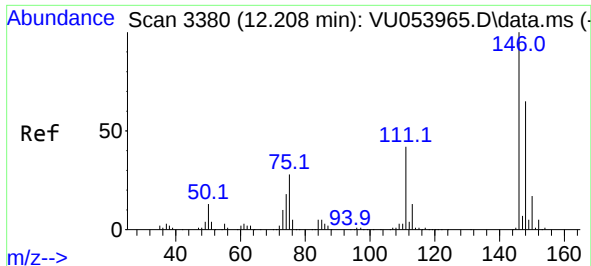
Tgt Ion:146 Resp: 214100
Ion Ratio Lower Upper
146 100
111 40.6 25.7 47.7
148 63.5 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 51.461 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.003 min
Lab File: VU053977.D
Acq: 28 Apr 2023 18:21

Tgt Ion:146 Resp: 216796
Ion Ratio Lower Upper
146 100
111 37.8 25.1 46.5
148 63.0 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 51.947 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.003 min

Lab File: VU053977.D

Acq: 28 Apr 2023 18:21

Instrument :

MSVOA_U

ClientSampleId :

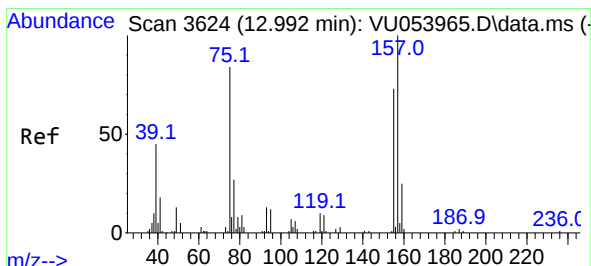
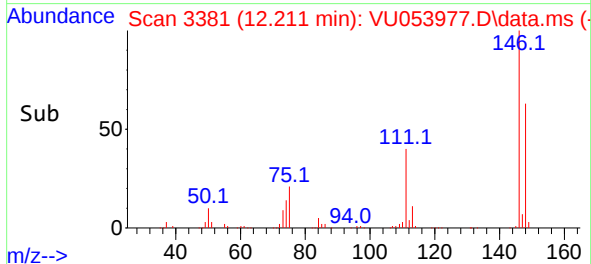
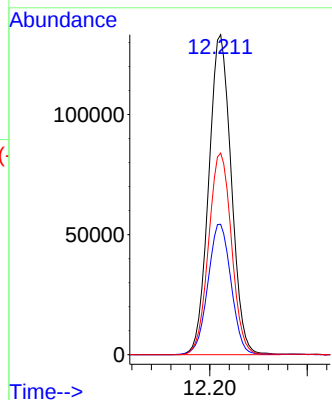
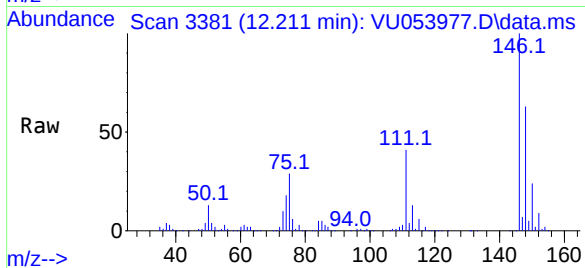
Tgt Ion:146 Resp: 214006

Ion Ratio Lower Upper

146 100

111 40.7 31.5 47.3

148 63.0 51.6 77.4



#68

1,2-Dibromo-3-chloropropane

Concen: 48.723 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. -0.000 min

Lab File: VU053977.D

Acq: 28 Apr 2023 18:21

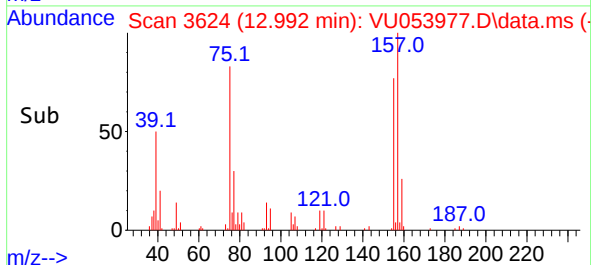
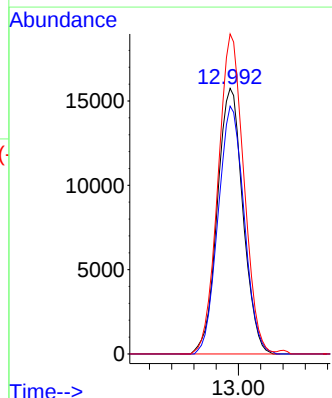
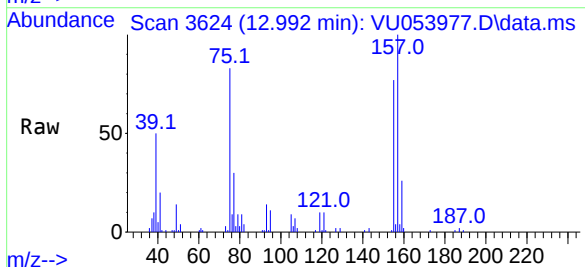
Tgt Ion: 75 Resp: 25199

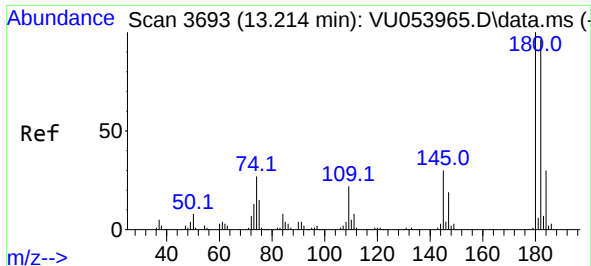
Ion Ratio Lower Upper

75 100

155 93.3 79.9 119.9

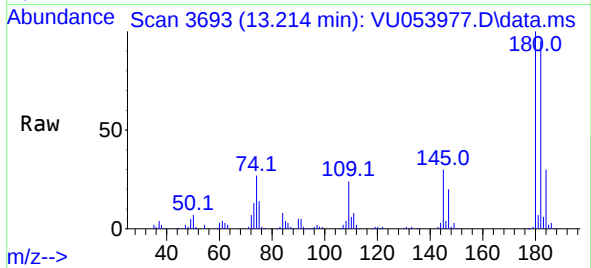
157 120.5 100.8 151.2



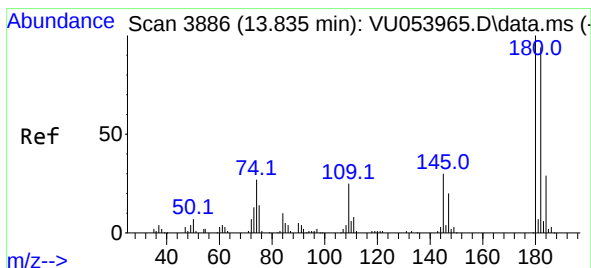
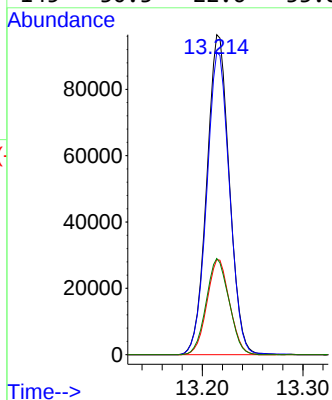
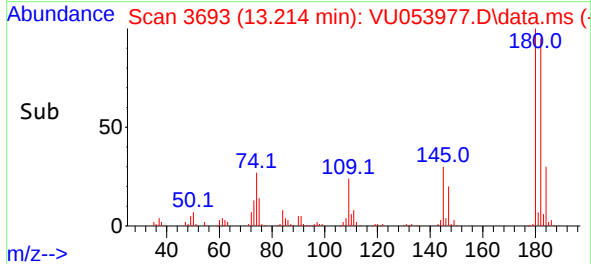


#69
1,3,5-Trichlorobenzene
Concen: 49.115 ug/L
RT: 13.214 min Scan# 3693
Delta R.T. -0.000 min
Lab File: VU053977.D
Acq: 28 Apr 2023 18:21

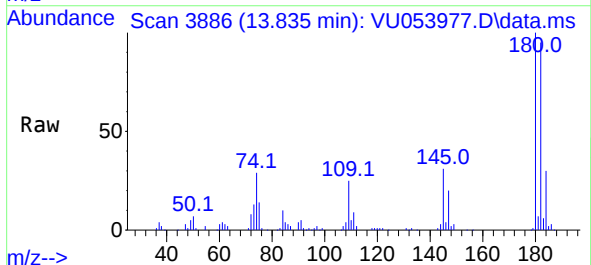
Instrument :
MSVOA_U
ClientSampleId :



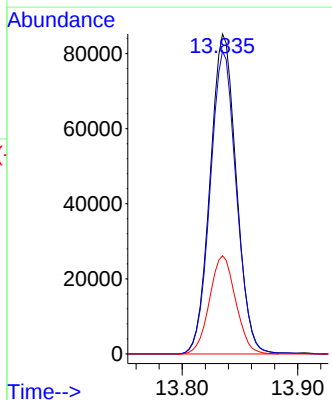
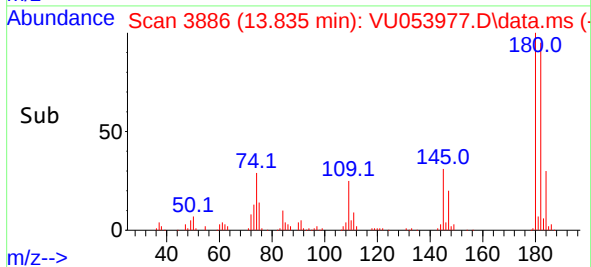
Tgt Ion:180 Resp: 150339
Ion Ratio Lower Upper
180 100
182 95.2 75.6 113.4
184 29.8 24.2 36.2
145 30.3 22.6 33.8

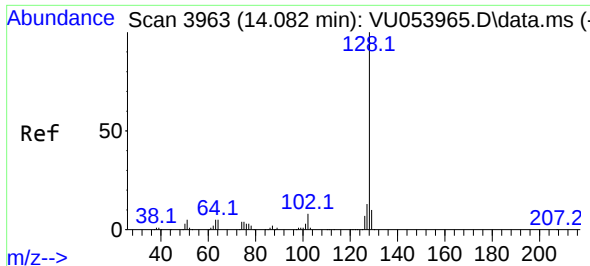


#70
1,2,4-trichlorobenzene
Concen: 47.194 ug/L
RT: 13.835 min Scan# 3886
Delta R.T. -0.000 min
Lab File: VU053977.D
Acq: 28 Apr 2023 18:21



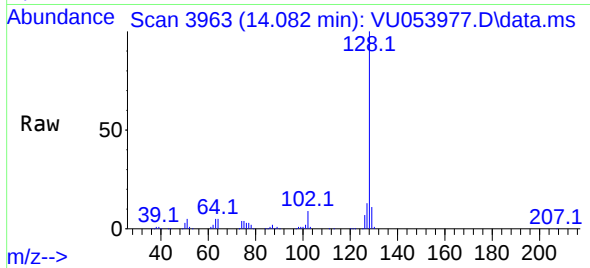
Tgt Ion:180 Resp: 133935
Ion Ratio Lower Upper
180 100
182 94.8 75.8 113.8
145 30.7 23.4 35.2



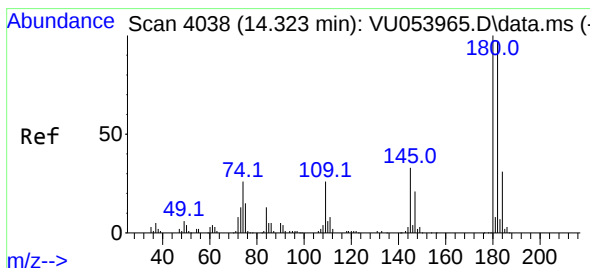
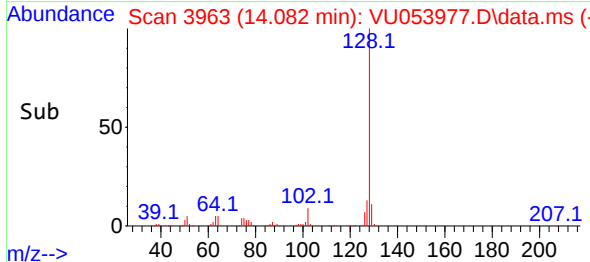
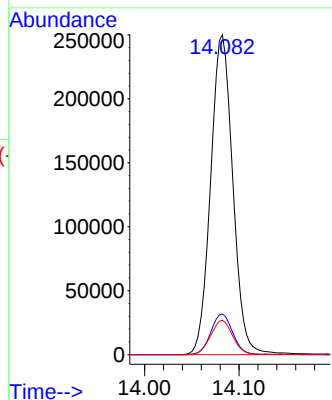


#71
Naphthalene
Concen: 47.963 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. -0.000 min
Lab File: VU053977.D
Acq: 28 Apr 2023 18:21

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 407421
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.8 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 47.551 ug/L
RT: 14.324 min Scan# 4038
Delta R.T. -0.000 min
Lab File: VU053977.D
Acq: 28 Apr 2023 18:21

Tgt Ion:180 Resp: 134787
Ion Ratio Lower Upper
180 100
182 95.5 77.0 115.6
145 31.7 25.4 38.0

