

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092922\
 Data File : VU050980.D
 Acq On : 29 Sep 2022 15:17
 Operator : JC/MD
 Sample : VSTD01038
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 30 01:22:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 30 01:20:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	311159	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	342802	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	153392	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	32892	10.337	ug/L	0.00
7) Chloroethane-d5	1.906	69	28202	12.099	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	47905	9.759	ug/L	0.00
21) 2-Butanone-d5	4.626	46	41552	20.272	ug/L	0.00
24) Chloroform-d	5.063	84	55395	11.078	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	34444	11.171	ug/L	0.00
32) Benzene-d6	5.726	84	102441	9.340	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	34187	9.274	ug/L	0.00
41) Toluene-d8	7.896	98	89102	9.219	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	14559	8.962	ug/L	0.00
47) 2-Hexanone-d5	8.632	63	21643	14.398	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.755	84	58382	10.121	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	33610	10.391	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	27647	8.980	ug/L	98
3) Chloromethane	1.520	50	34839	9.708	ug/L	99
5) Vinyl chloride	1.604	62	35936	10.091	ug/L	99
6) Bromomethane	1.845	94	29984	15.191	ug/L	97
8) Chloroethane	1.925	64	23836	11.798	ug/L	95
9) Trichlorofluoromethane	2.134	101	47426	11.834	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	25536	10.224	ug/L	98
12) 1,1-Dichloroethene	2.578	96	23915	10.228	ug/L	94
13) Acetone	2.626	43	36174	21.198	ug/L	99
14) Carbon disulfide	2.790	76	71226	9.735	ug/L	100
15) Methyl Acetate	2.948	43	34114	10.582	ug/L	98
16) Methylene chloride	3.044	84	38286	11.718	ug/L	96
17) trans-1,2-Dichloroethene	3.353	96	25162	10.470	ug/L	95
18) Methyl tert-butyl Ether	3.363	73	73133	9.946	ug/L	99
19) 1,1-Dichloroethane	3.867	63	49840	10.320	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	27718	10.370	ug/L	90
22) 2-Butanone	4.707	43	48745	21.583	ug/L	93
23) Bromochloromethane	4.973	128	16246	11.449	ug/L	95
25) Chloroform	5.086	83	53340	10.913	ug/L	99
27) 1,2-Dichloroethane	5.793	62	40866	11.022	ug/L	96
29) Cyclohexane	5.388	56	30806	6.991	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	44464	10.046	ug/L	97
31) Carbon tetrachloride	5.526	117	35197	9.591	ug/L	98
33) Benzene	5.774	78	109934	9.077	ug/L	100
34) Trichloroethene	6.539	95	28858	10.066	ug/L	94
35) Methylcyclohexane	6.761	83	32820	7.328	ug/L	97
37) 1,2-Dichloropropane	6.790	63	29586	8.934	ug/L	100
38) Bromodichloromethane	7.105	83	39789	9.906	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	37837	8.500	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	76162	16.721	ug/L	98
42) Toluene	7.967	91	110082	9.088	ug/L	96
44) trans-1,3-Dichloropropene	8.208	75	37841	8.879	ug/L	100

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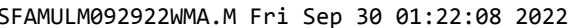
Instrument :
 MSVOA_U
 ClientSampleId :

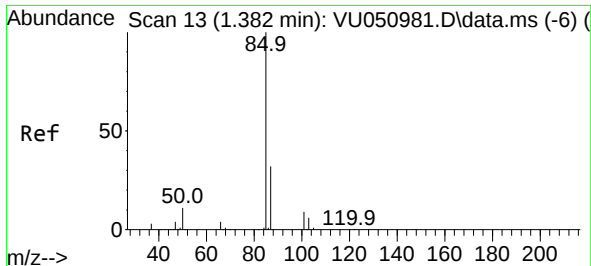
Quant Time: Sep 30 01:22:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 30 01:20:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.398	97	31545	10.101	ug/L	97
46) Tetrachloroethene	8.552	164	21488	10.375	ug/L	91
48) 2-Hexanone	8.684	43	69451	17.934	ug/L	97
49) Dibromochloromethane	8.809	129	33951	10.964	ug/L	97
50) 1,2-Dibromoethane	8.922	107	34255	10.539	ug/L #	99
51) Chlorobenzene	9.446	112	80192	10.632	ug/L	97
52) Ethylbenzene	9.568	91	109209	8.855	ug/L	99
53) m,p-Xylene	9.690	106	40303	8.853	ug/L	95
54) o-Xylene	10.099	106	38922	8.552	ug/L	99
55) Styrene	10.115	104	62663	8.014	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.780	83	55496	9.591	ug/L	97
59) Bromoform	10.288	173	24113	11.028	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	47115	11.163	ug/L	99
61) Isopropylbenzene	10.481	105	94079	8.827	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	68603	7.753	ug/L	97
63) 1,2,4-Trimethylbenzene	11.465	105	75529	8.717	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	55125	11.196	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	55225	10.929	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	55555	10.418	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.992	75	12774	10.845	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	34826	9.946	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	25506	8.945	ug/L	100
71) Naphthalene	14.086	128	83736	7.759	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	28920	9.047	ug/L	99

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

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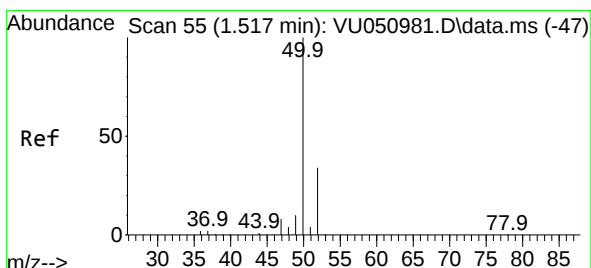
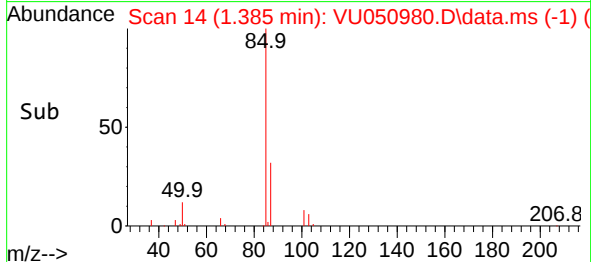
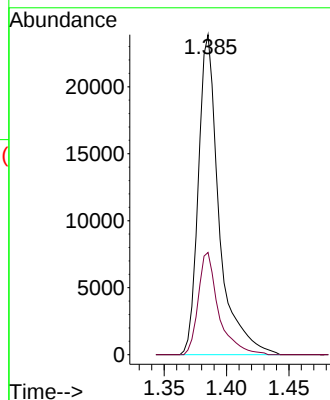
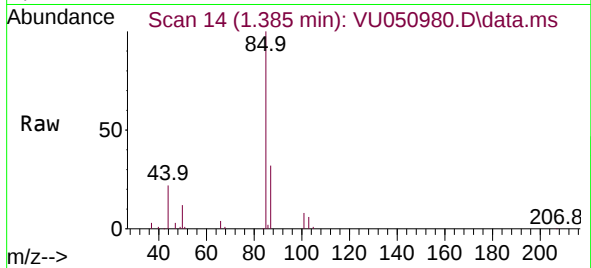




#2
Dichlorodifluoromethane
Concen: 8.980 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU050980.D
Acq: 29 Sep 2022 15:17

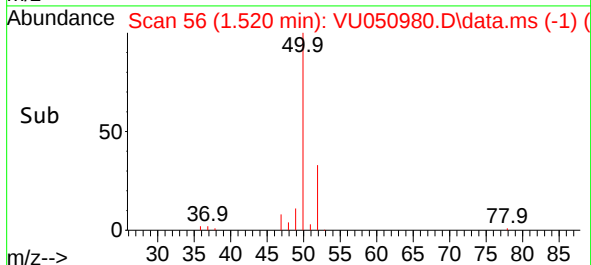
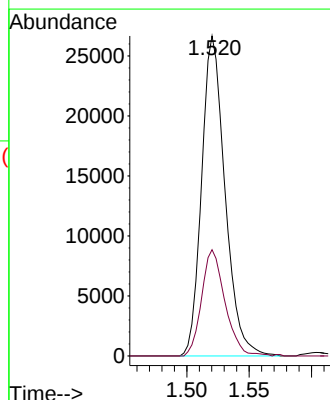
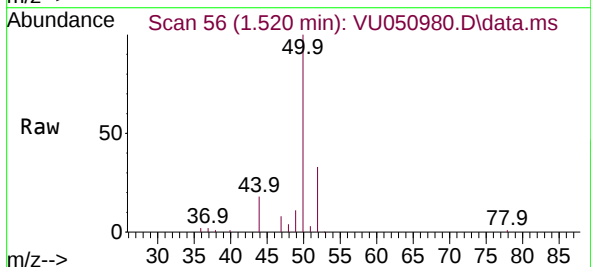
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MSVOA_U
ClientSampleId :

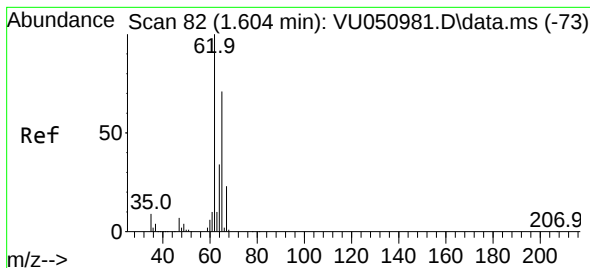
Tgt Ion: 85 Resp: 27647
Ion Ratio Lower Upper
85 100
87 31.4 25.9 38.9



#3
Chloromethane
Concen: 9.708 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.003 min
Lab File: VU050980.D
Acq: 29 Sep 2022 15:17

Tgt Ion: 50 Resp: 34839
Ion Ratio Lower Upper
50 100
52 33.2 23.7 44.1





#5

Vinyl chloride

Concen: 10.091 ug/L

RT: 1.604 min Scan# 81

Delta R.T. 0.000 min

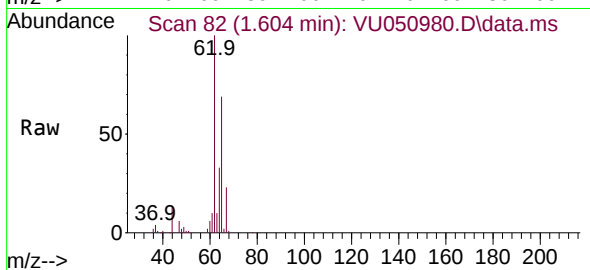
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Acq: 29 Sep 2022 15:17

Instrument :

MSVOA_U

ClientSampleId :

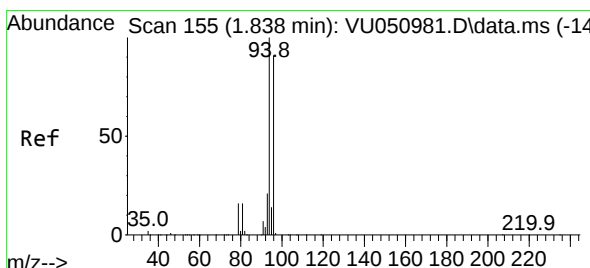
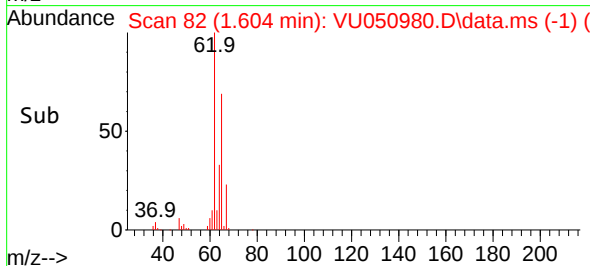
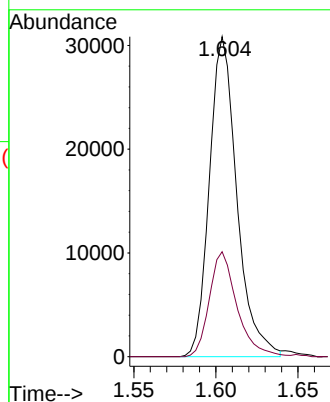


Tgt Ion: 62 Resp: 35936

Ion Ratio Lower Upper

62 100

64 32.8 23.5 43.7



#6

Bromomethane

Concen: 15.191 ug/L

RT: 1.845 min Scan# 157

Delta R.T. 0.006 min

Lab File: VU050980.D

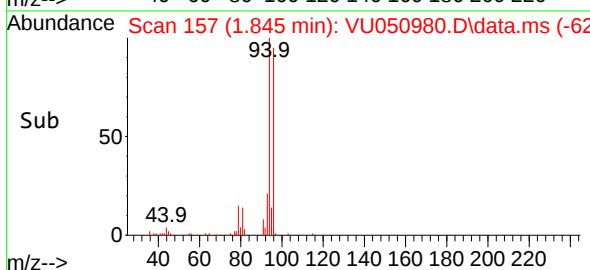
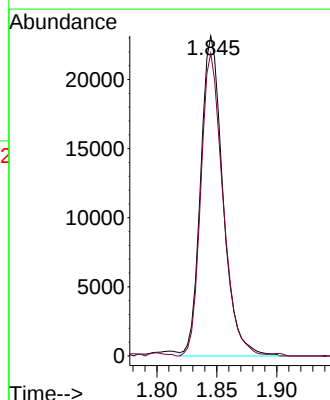
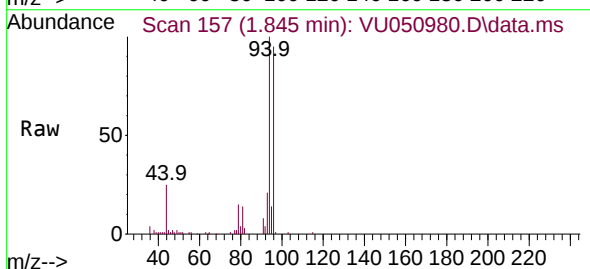
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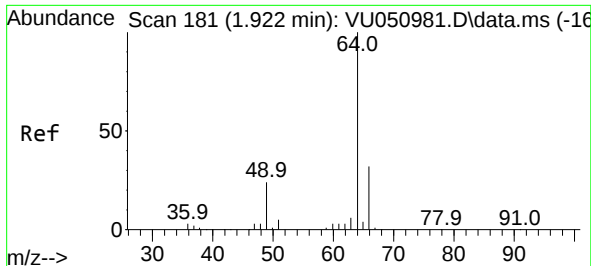
Tgt Ion: 94 Resp: 29984

Ion Ratio Lower Upper

94 100

96 94.6 63.9 118.7

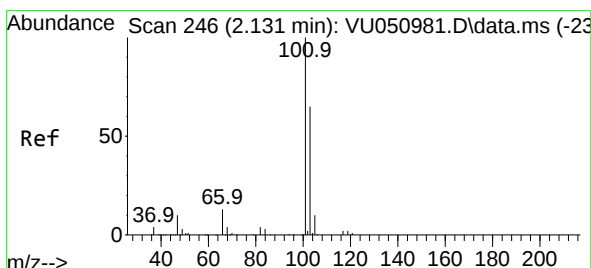
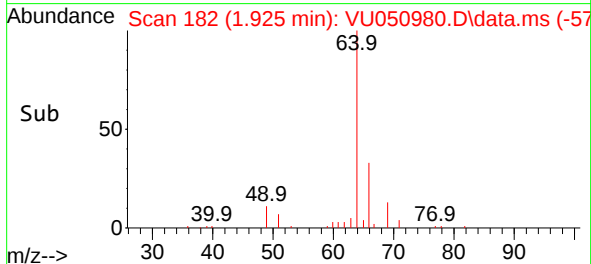
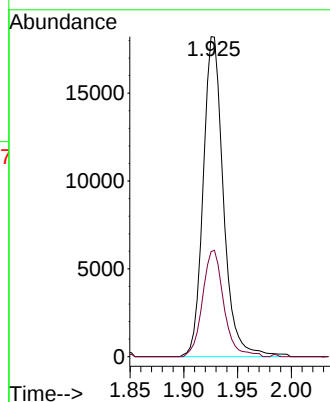
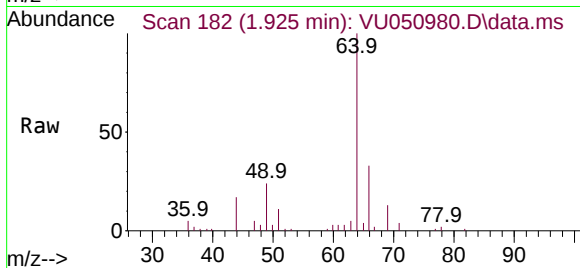




#8
Chloroethane
Concen: 11.798 ug/L
RT: 1.925 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU050980.D
Acq: 29 Sep 2022 15:17

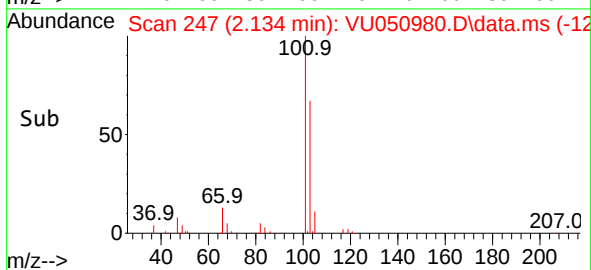
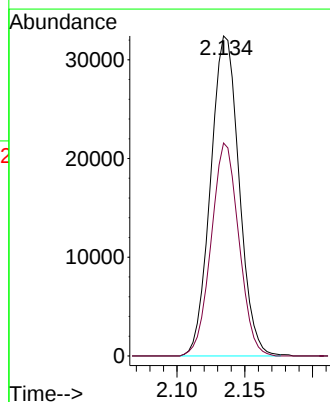
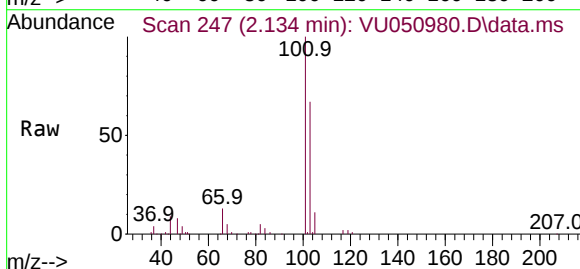
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MSVOA_U
ClientSampleId :

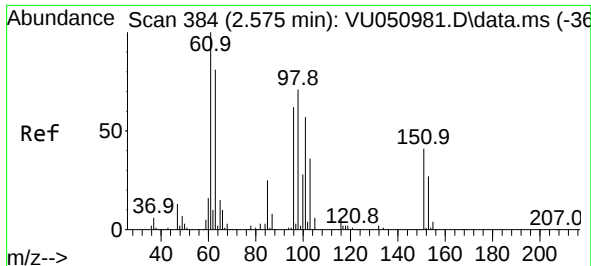
Tgt Ion: 64 Resp: 23836
Ion Ratio Lower Upper
64 100
66 34.8 22.3 41.3



#9
Trichlorofluoromethane
Concen: 11.834 ug/L
RT: 2.134 min Scan# 247
Delta R.T. 0.003 min
Lab File: VU050980.D
Acq: 29 Sep 2022 15:17

Tgt Ion:101 Resp: 47426
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.6

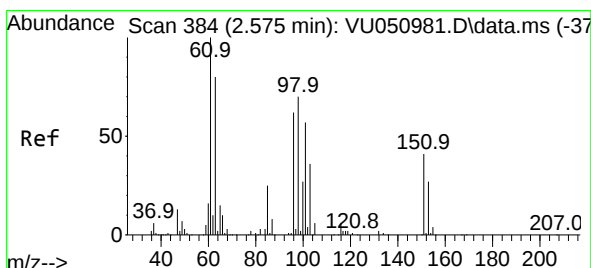
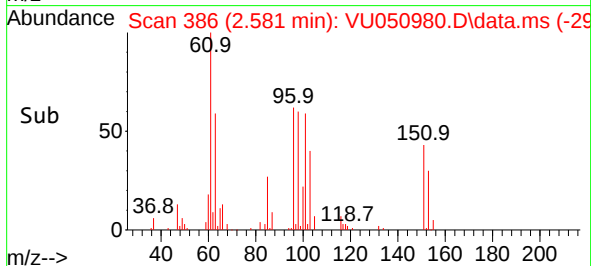
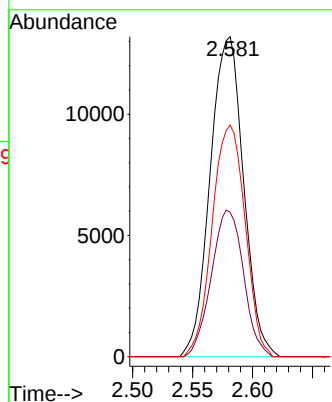
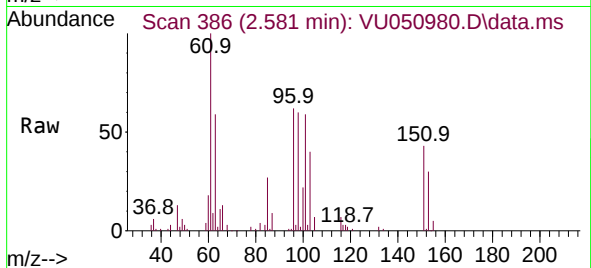




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.224 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.006 min
Lab File: VU050980.D
Acq: 29 Sep 2022 15:17

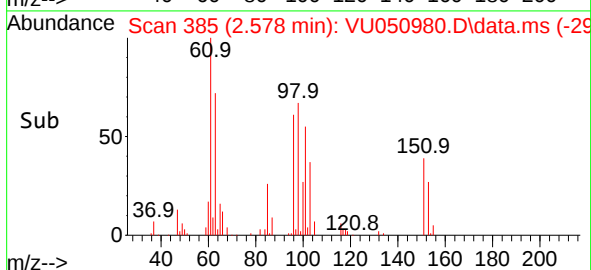
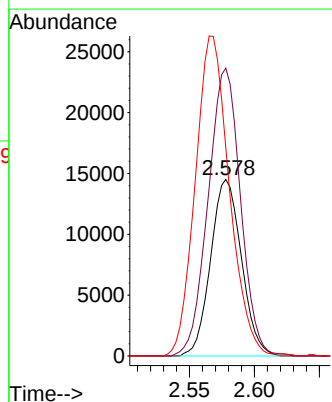
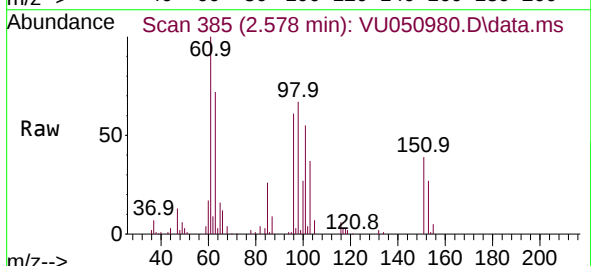
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ClientSampleId :

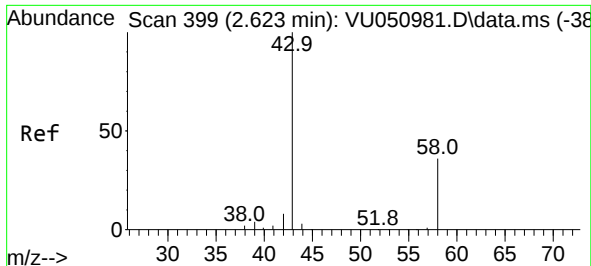
Tgt Ion:101 Resp: 25536
Ion Ratio Lower Upper
101 100
85 44.1 34.6 52.0
151 71.4 58.6 87.8



#12
1,1-Dichloroethene
Concen: 10.228 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.003 min
Lab File: VU050980.D
Acq: 29 Sep 2022 15:17

Tgt Ion: 96 Resp: 23915
Ion Ratio Lower Upper
96 100
61 163.0 113.0 209.9
63 117.9 91.7 170.3





#13

Acetone

Concen: 21.198 ug/L

RT: 2.626 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU050980.D

Acq: 29 Sep 2022 15:17

Instrument :

MSVOA_U

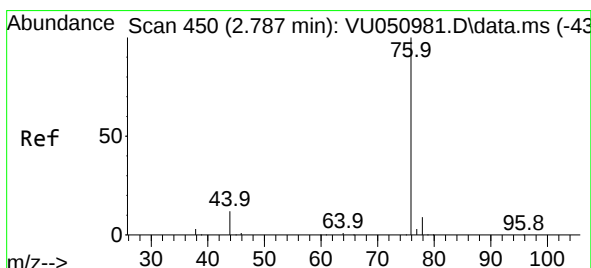
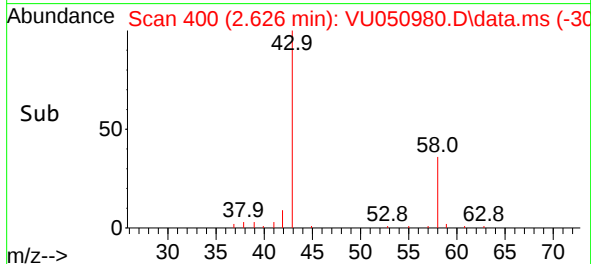
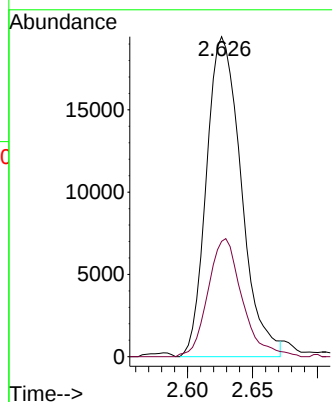
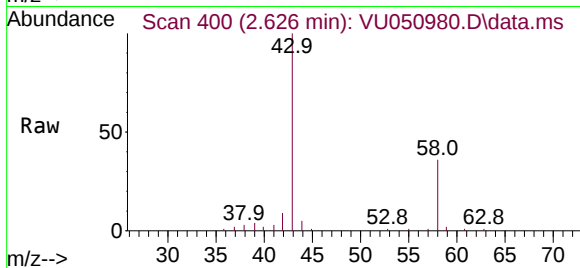
ClientSampleId :

Tgt Ion: 43 Resp: 36174

Ion Ratio Lower Upper

43 100

58 36.3 0.0 73.6



#14

Carbon disulfide

Concen: 9.735 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.003 min

Lab File: VU050980.D

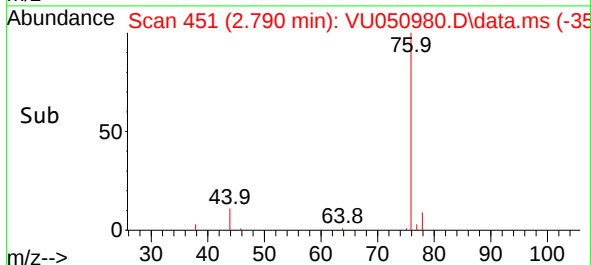
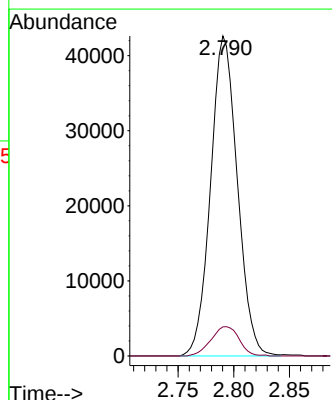
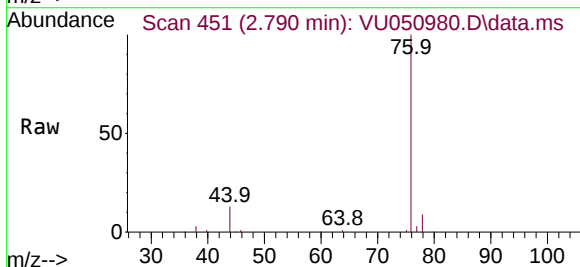
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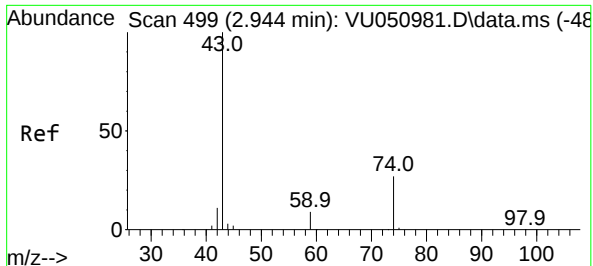
Tgt Ion: 76 Resp: 71226

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

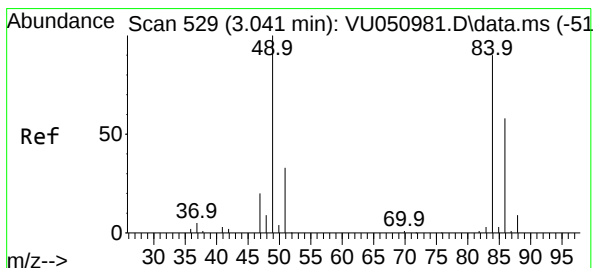
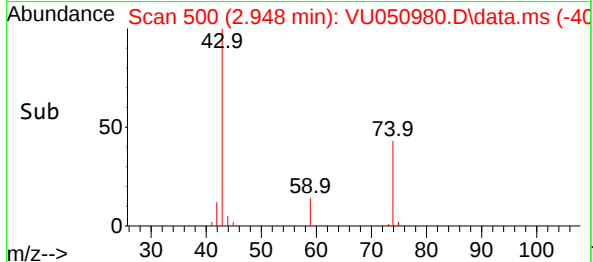
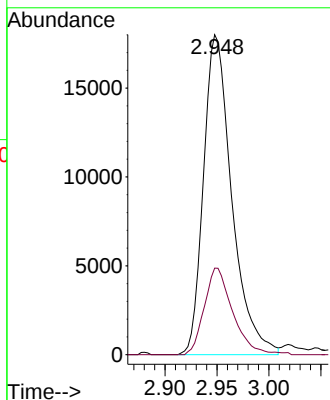
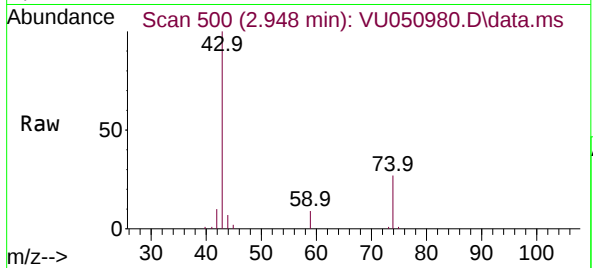




#15
Methyl Acetate
Concen: 10.582 ug/L
RT: 2.948 min Scan# 50
Delta R.T. 0.003 min
Lab File: VU050980.D
Acq: 29 Sep 2022 15:17

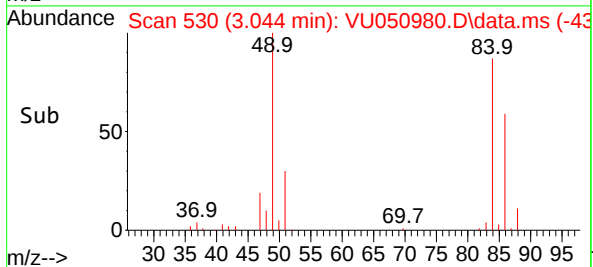
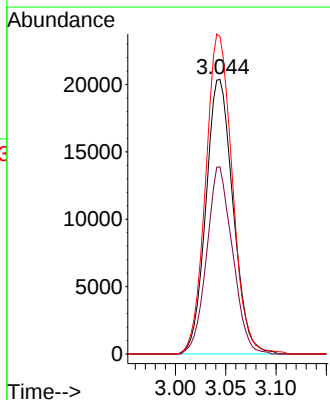
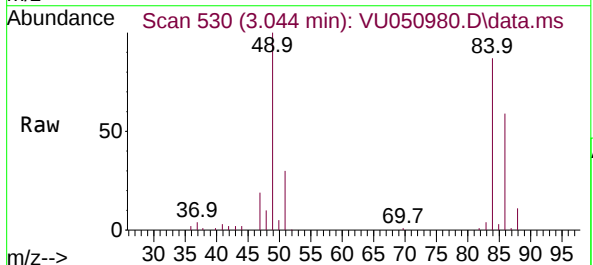
Instrument :
MSVOA_U
ClientSampleId :

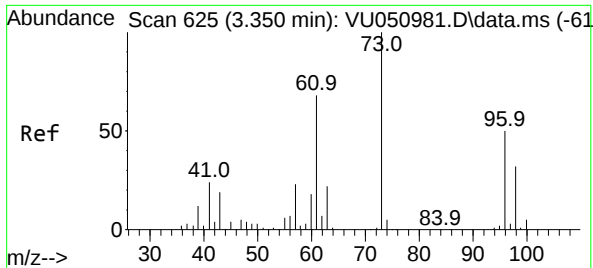
Tgt Ion: 43 Resp: 34114
Ion Ratio Lower Upper
43 100
74 26.9 22.4 33.6



#16
Methylene chloride
Concen: 11.718 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU050980.D
Acq: 29 Sep 2022 15:17

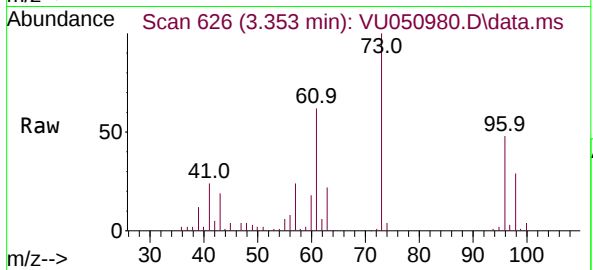
Tgt Ion: 84 Resp: 38286
Ion Ratio Lower Upper
84 100
86 68.1 45.4 84.4
49 115.6 78.3 145.3



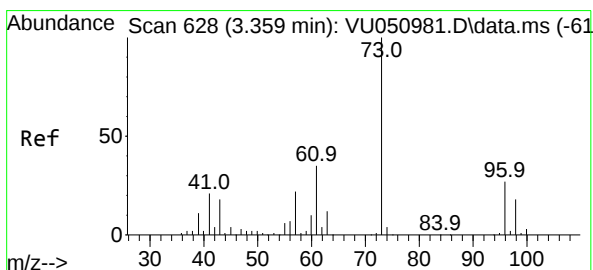
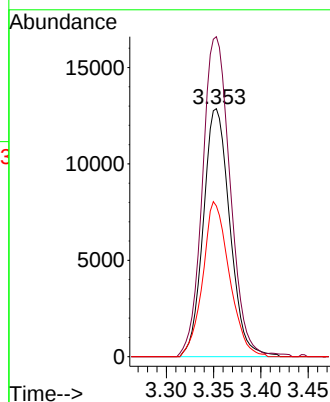
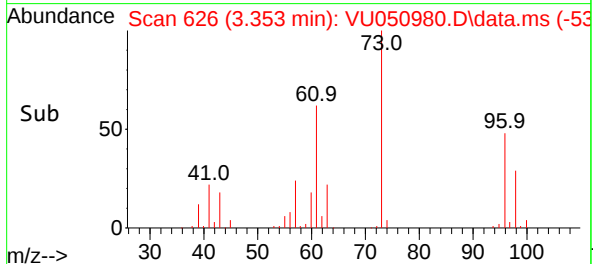


#17
trans-1,2-Dichloroethene
Concen: 10.470 ug/L
RT: 3.353 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU050980.D
Acq: 29 Sep 2022 15:17

Instrument :
MSVOA_U
ClientSampleId :

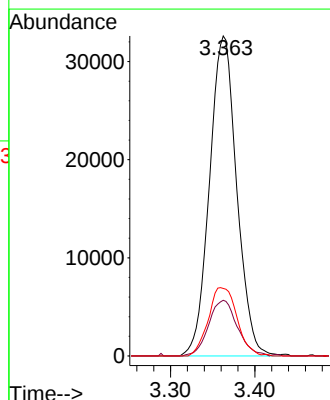
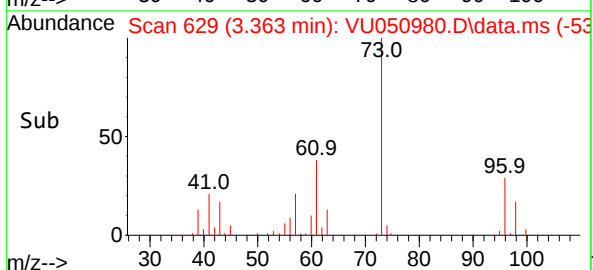
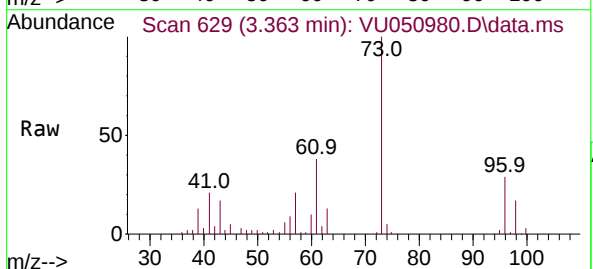


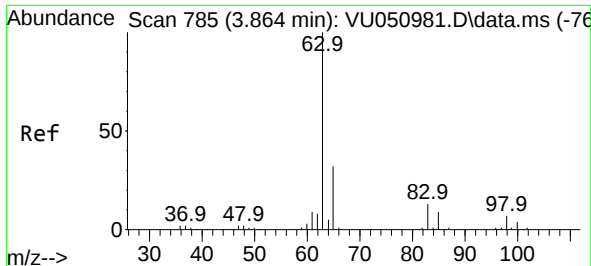
Tgt Ion: 96 Resp: 25162
Ion Ratio Lower Upper
96 100
61 129.0 95.1 176.5
98 60.8 45.1 83.7



#18
Methyl tert-butyl Ether
Concen: 9.946 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.003 min
Lab File: VU050980.D
Acq: 29 Sep 2022 15:17

Tgt Ion: 73 Resp: 73133
Ion Ratio Lower Upper
73 100
43 18.4 14.7 22.1
57 22.4 17.5 26.3





#19

1,1-Dichloroethane

Concen: 10.320 ug/L

RT: 3.867 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU050980.D

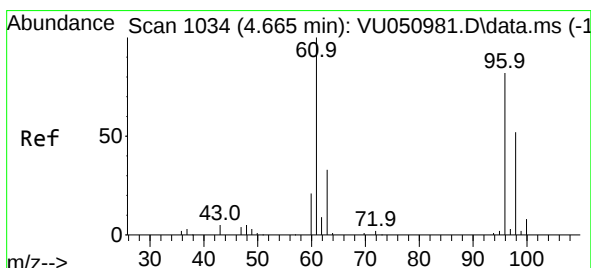
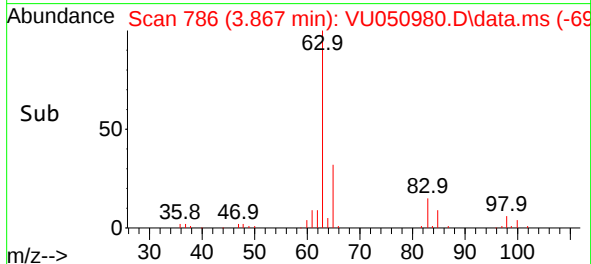
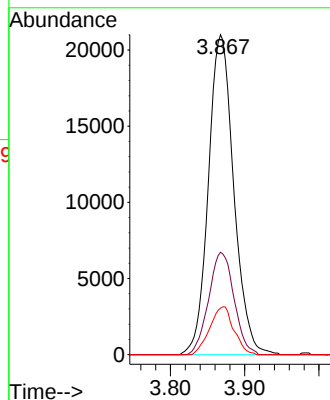
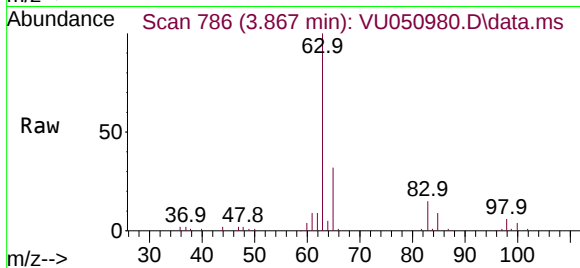
Acq: 29 Sep 2022 15:17

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 49840
Ion Ratio	Lower Upper
63 100	
65 32.0	22.6 42.0
83 14.5	9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 10.370 ug/L

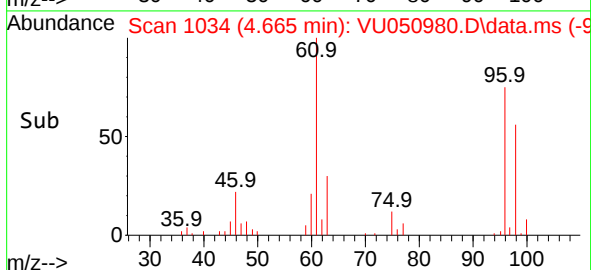
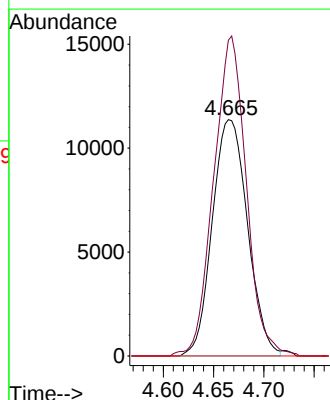
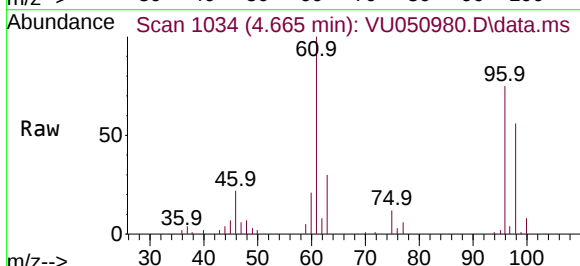
RT: 4.665 min Scan# 1034

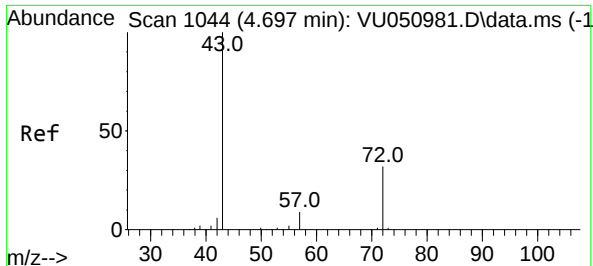
Delta R.T. 0.000 min

Lab File: VU050980.D

Acq: 29 Sep 2022 15:17

Tgt Ion: 96	Resp: 27718
Ion Ratio	Lower Upper
96 100	
61 133.6	85.4 158.6
68 0.0	0.0 0.0





#22

2-Butanone

Concen: 21.583 ug/L

RT: 4.707 min Scan# 1044

Delta R.T. 0.010 min

Lab File: VU050980.D

Acq: 29 Sep 2022 15:17

Instrument :

MSVOA_U

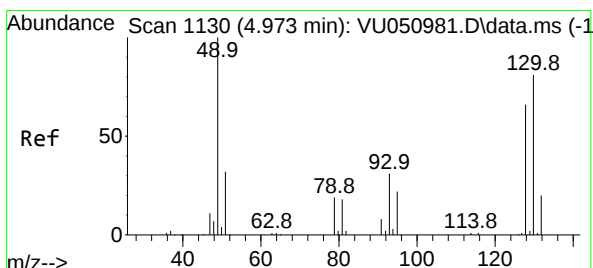
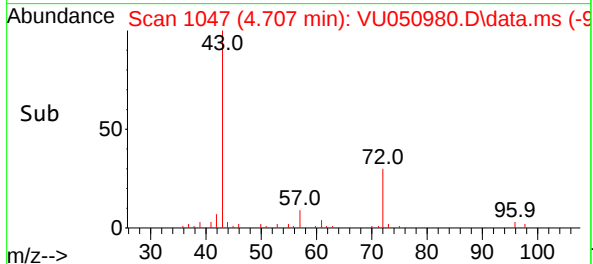
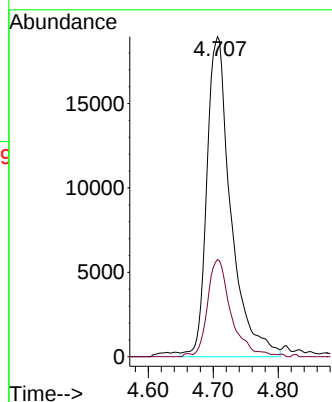
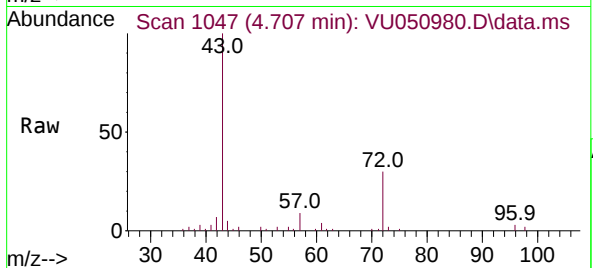
ClientSampleId :

Tgt Ion: 43 Resp: 48745

Ion Ratio Lower Upper

43 100

72 27.7 15.8 47.4



#23

Bromochloromethane

Concen: 11.449 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VU050980.D

Acq: 29 Sep 2022 15:17

Tgt Ion:128 Resp: 16246

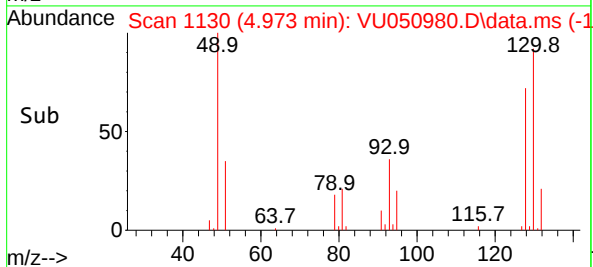
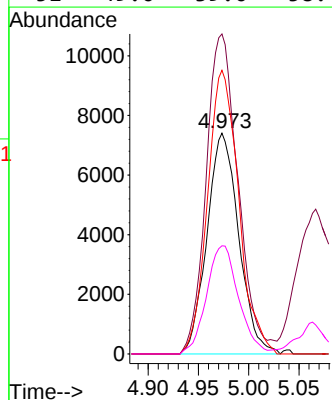
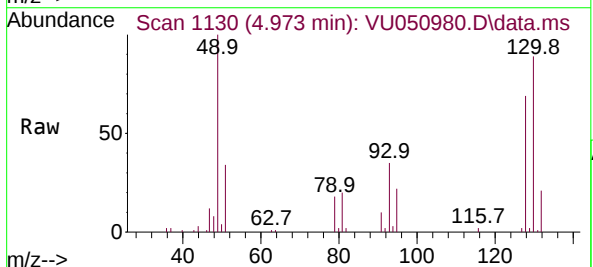
Ion Ratio Lower Upper

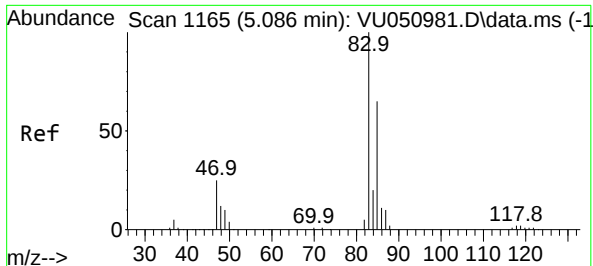
128 100

49 145.0 106.9 198.5

130 128.5 86.2 160.0

51 49.0 39.0 58.4





#25

Chloroform

Concen: 10.913 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU050980.D

Acq: 29 Sep 2022 15:17

Instrument :

MSVOA_U

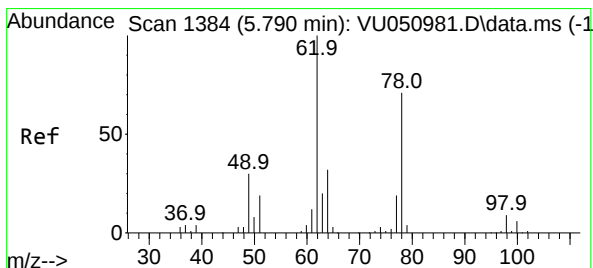
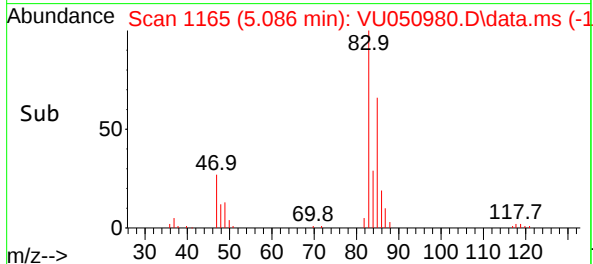
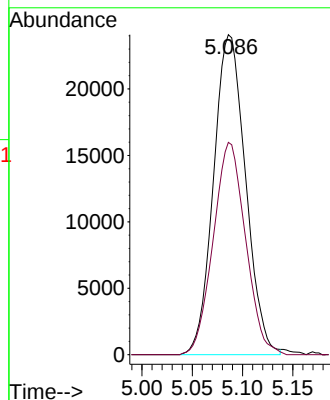
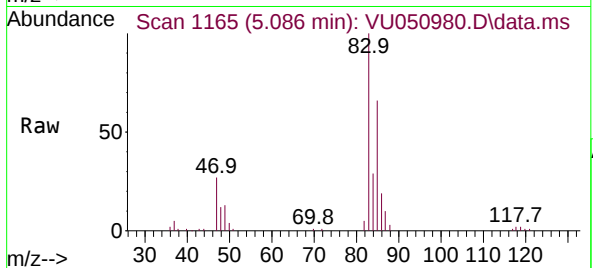
ClientSampleId :

Tgt Ion: 83 Resp: 53340

Ion Ratio Lower Upper

83 100

85 66.4 45.7 84.9



#27

1,2-Dichloroethane

Concen: 11.022 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.003 min

Lab File: VU050980.D

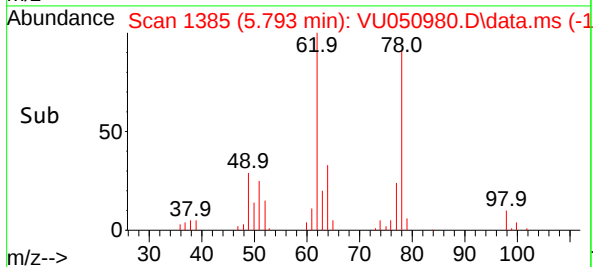
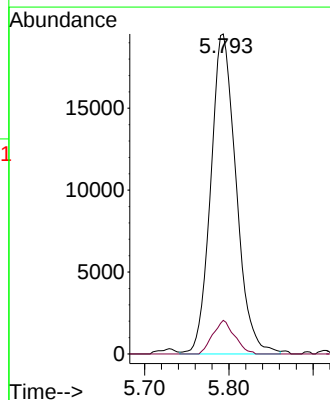
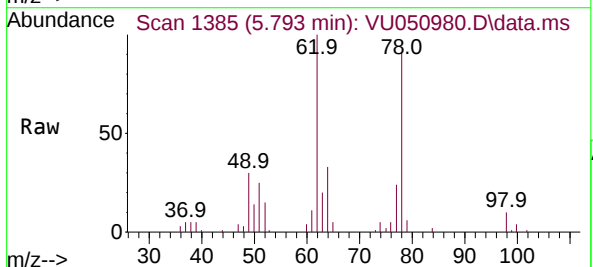
Acq: 29 Sep 2022 15:17

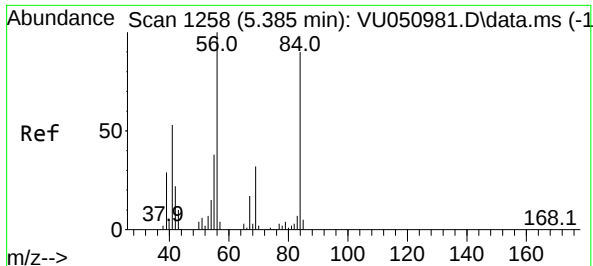
Tgt Ion: 62 Resp: 40866

Ion Ratio Lower Upper

62 100

98 10.5 7.3 10.9





#29

Cyclohexane

Concen: 6.991 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.003 min

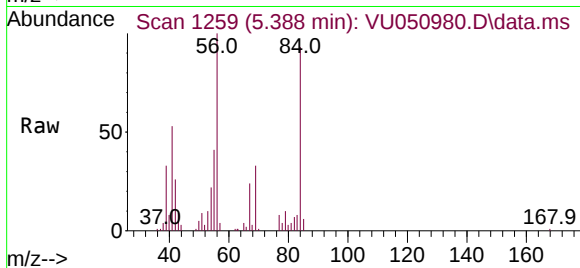
Lab File: VU050980.D

Acq: 29 Sep 2022 15:17

Instrument :

MSVOA_U

ClientSampleId :



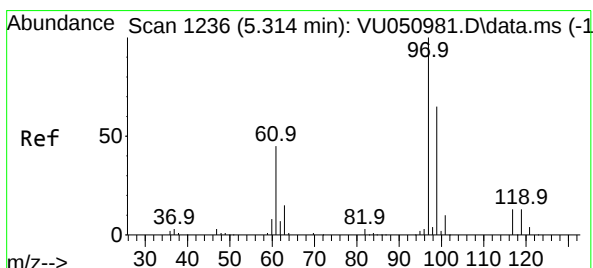
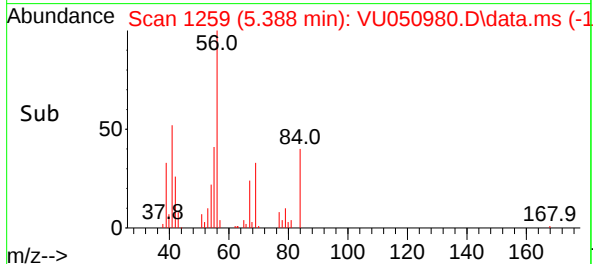
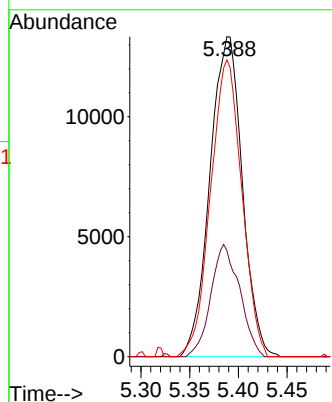
Tgt Ion: 56 Resp: 30806

Ion Ratio Lower Upper

56 100

69 31.3 24.8 37.2

84 89.4 71.8 107.6



#30

1,1,1-Trichloroethane

Concen: 10.046 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU050980.D

Acq: 29 Sep 2022 15:17

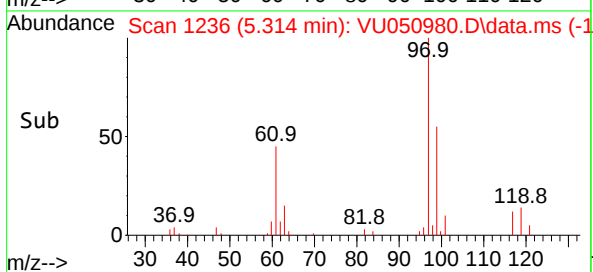
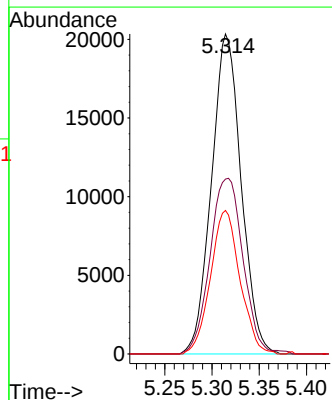
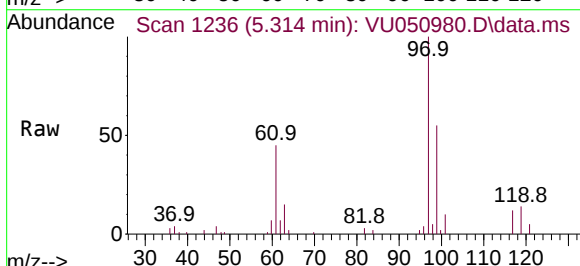
Tgt Ion: 97 Resp: 44464

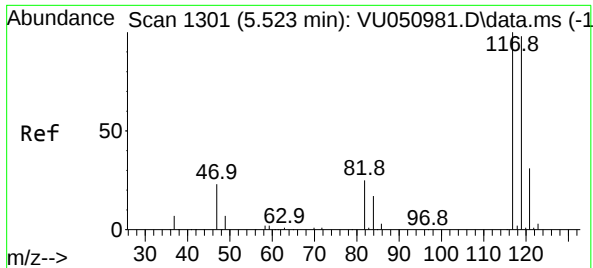
Ion Ratio Lower Upper

97 100

99 60.7 51.4 77.2

61 44.5 36.0 54.0

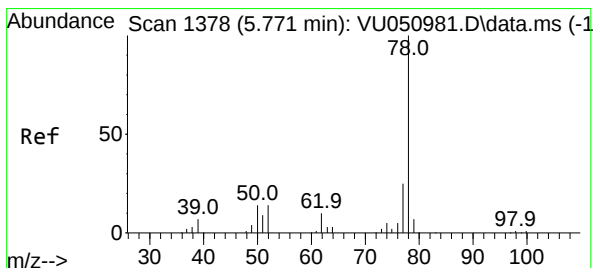
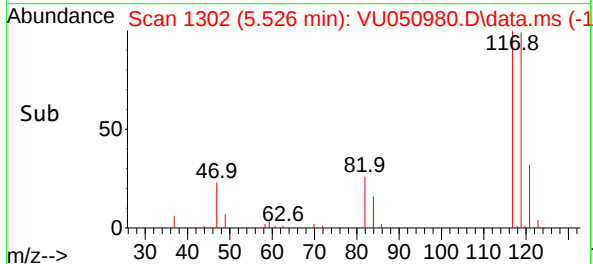
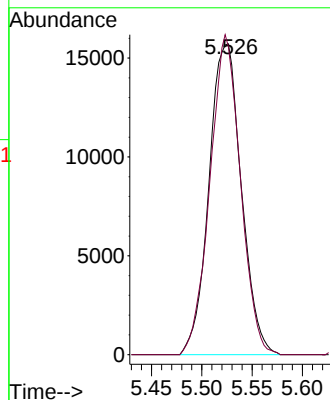
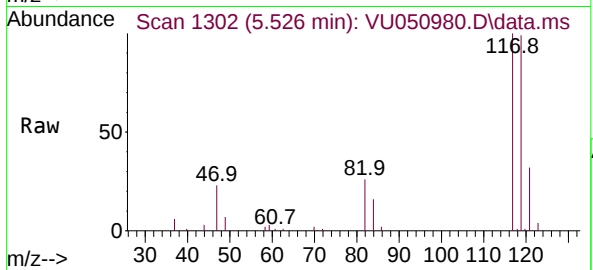




#31
Carbon tetrachloride
Concen: 9.591 ug/L
RT: 5.526 min Scan# 117
Delta R.T. 0.003 min
Lab File: VU050980.D
Acq: 29 Sep 2022 15:17

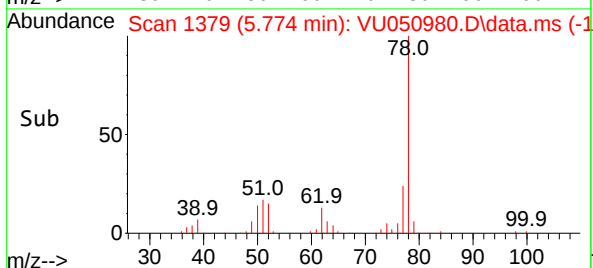
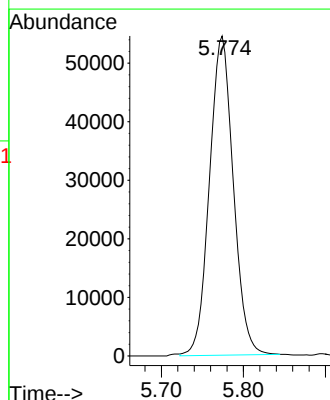
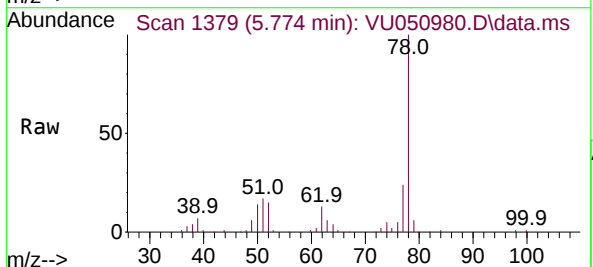
Instrument :
MSVOA_U
ClientSampleId :

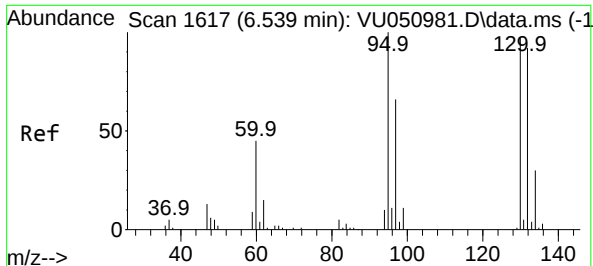
Tgt Ion:117 Resp: 35197
Ion Ratio Lower Upper
117 100
119 96.9 75.7 113.5



#33
Benzene
Concen: 9.077 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU050980.D
Acq: 29 Sep 2022 15:17

Tgt Ion: 78 Resp: 109934





#34

Trichloroethene

Concen: 10.066 ug/L

RT: 6.539 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU050980.D

Acq: 29 Sep 2022 15:17

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 28858

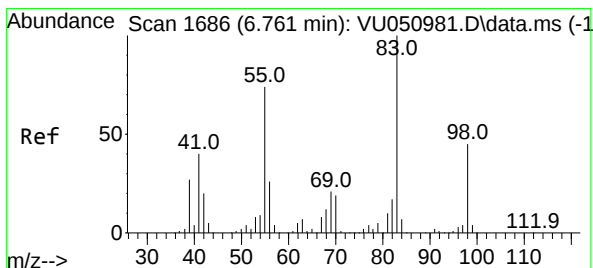
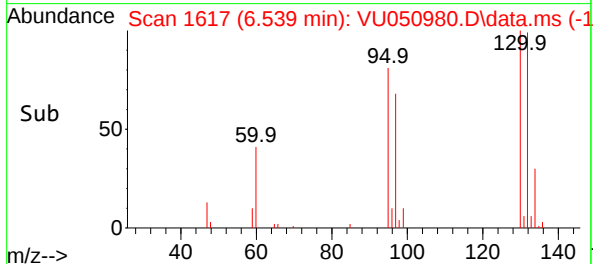
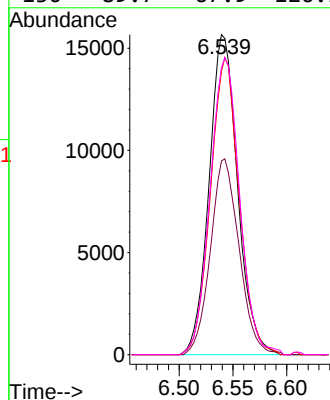
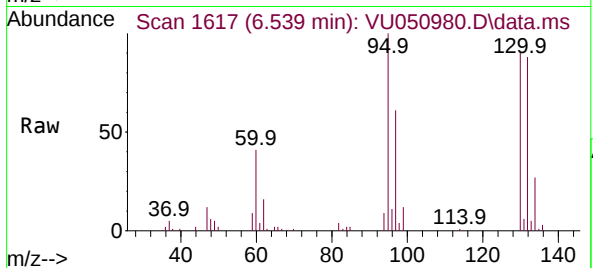
Ion Ratio Lower Upper

95 100

97 60.5 45.9 85.3

132 88.5 64.0 119.0

130 89.7 67.9 126.1



#35

Methylcyclohexane

Concen: 7.328 ug/L

RT: 6.761 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VU050980.D

Acq: 29 Sep 2022 15:17

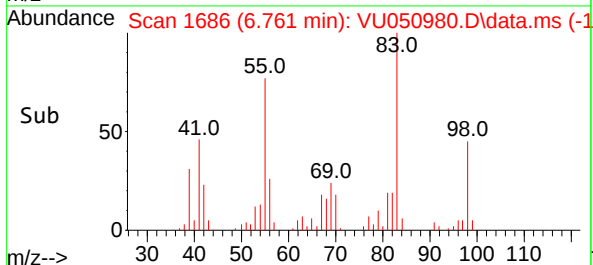
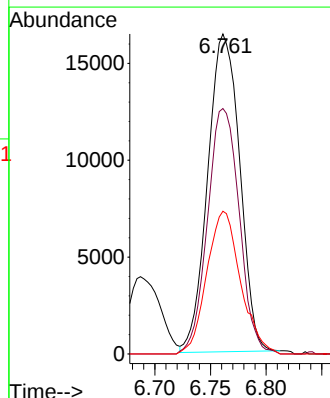
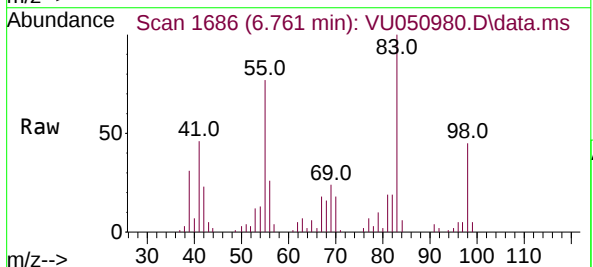
Tgt Ion: 83 Resp: 32820

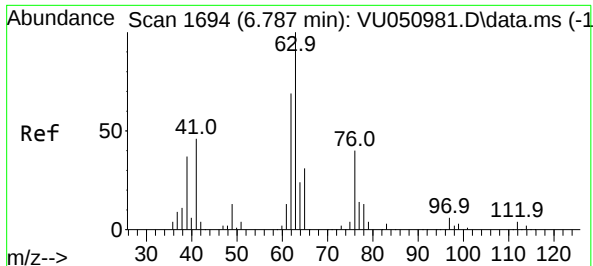
Ion Ratio Lower Upper

83 100

55 76.7 59.3 88.9

98 47.3 36.0 54.0





#37

1,2-Dichloropropane

Concen: 8.934 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU050980.D

Acq: 29 Sep 2022 15:17

Instrument :

MSVOA_U

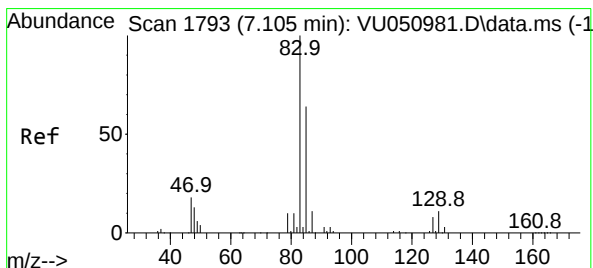
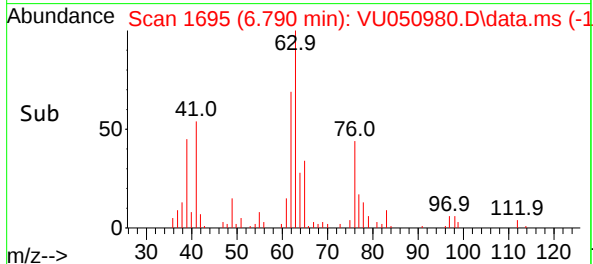
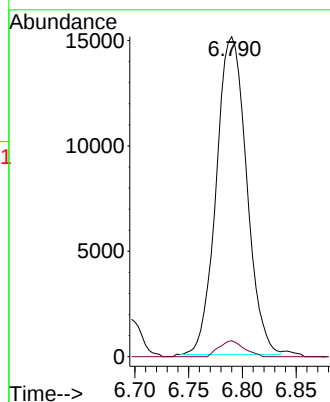
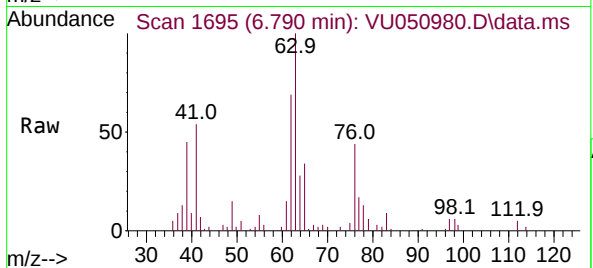
ClientSampleId :

Tgt Ion: 63 Resp: 29586

Ion Ratio Lower Upper

63 100

112 4.1 3.3 4.9



#38

Bromodichloromethane

Concen: 9.906 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU050980.D

Acq: 29 Sep 2022 15:17

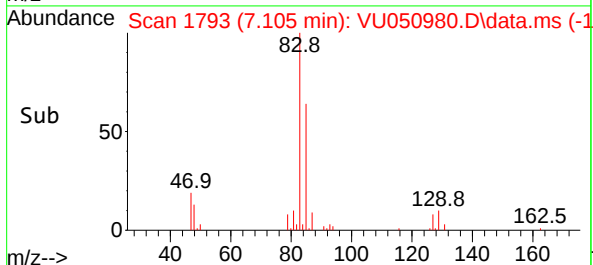
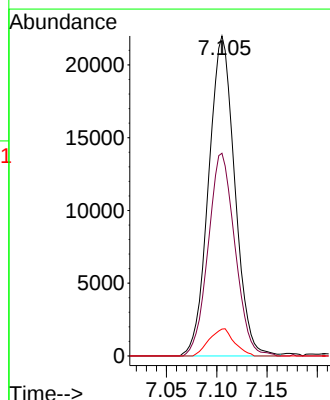
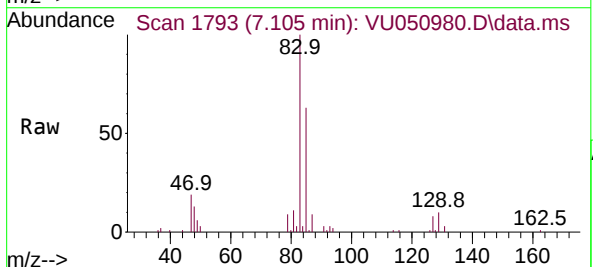
Tgt Ion: 83 Resp: 39789

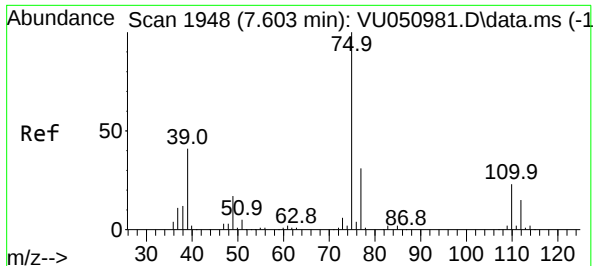
Ion Ratio Lower Upper

83 100

85 63.4 45.1 83.7

127 9.6 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 8.500 ug/L

RT: 7.607 min Scan# 1948

Delta R.T. 0.003 min

Lab File: VU050980.D

Acq: 29 Sep 2022 15:17

Instrument :

MSVOA_U

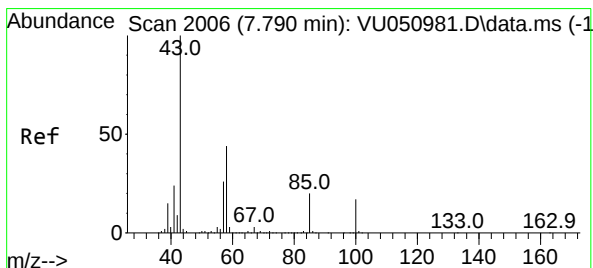
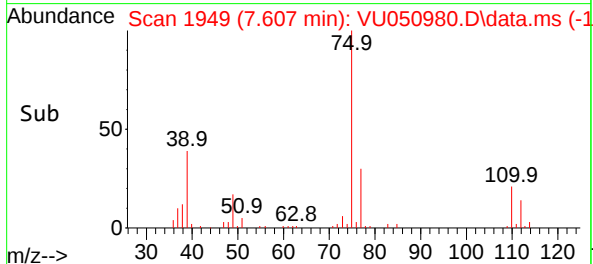
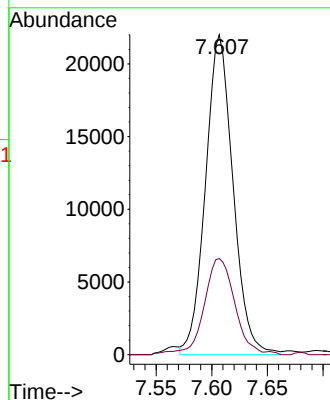
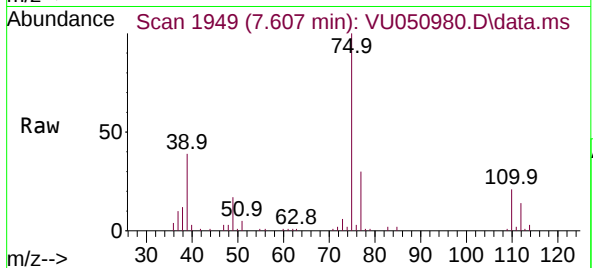
ClientSampleId :

Tgt Ion: 75 Resp: 37837

Ion Ratio Lower Upper

75 100

77 30.0 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 16.721 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU050980.D

Acq: 29 Sep 2022 15:17

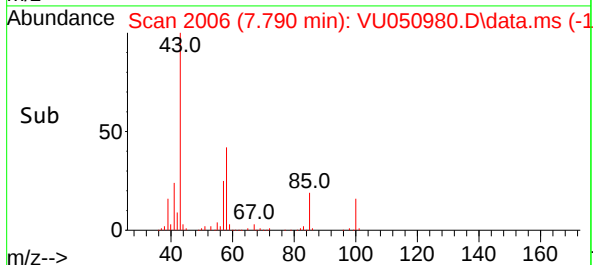
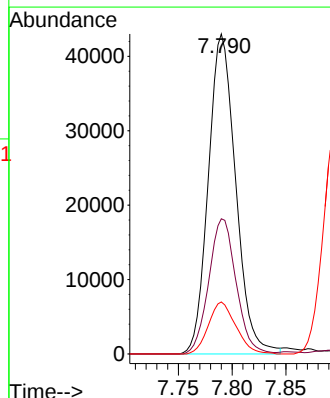
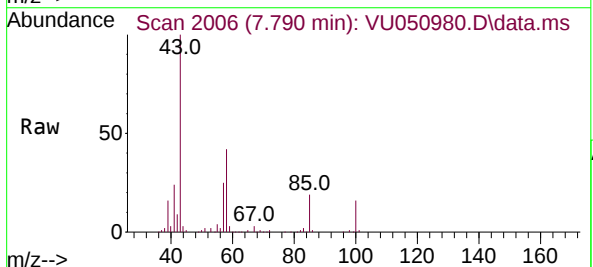
Tgt Ion: 43 Resp: 76162

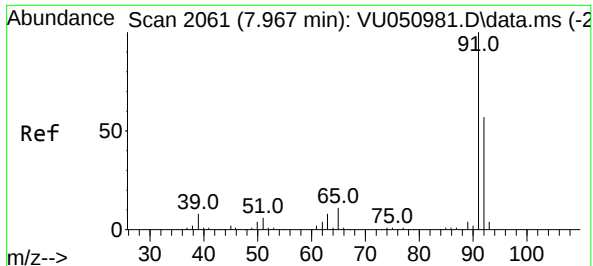
Ion Ratio Lower Upper

43 100

58 42.1 35.0 52.4

100 16.3 13.3 19.9





#42

Toluene

Concen: 9.088 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU050980.D

Acq: 29 Sep 2022 15:17

Instrument :

MSVOA_U

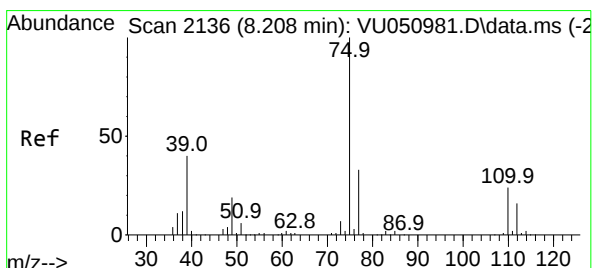
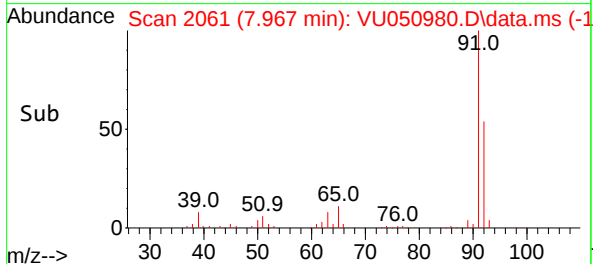
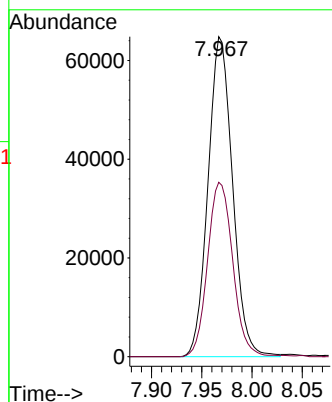
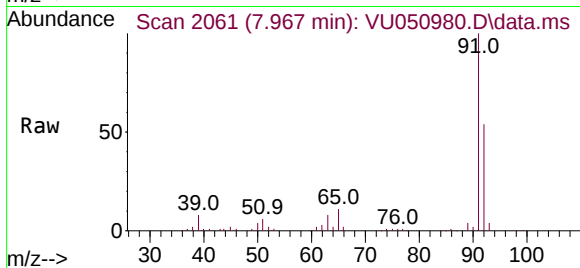
ClientSampleId :

Tgt Ion: 91 Resp: 110082

Ion Ratio Lower Upper

91 100

92 54.5 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 8.879 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU050980.D

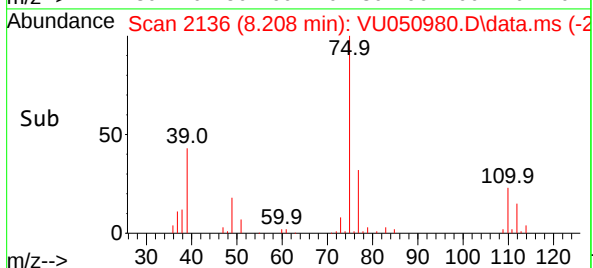
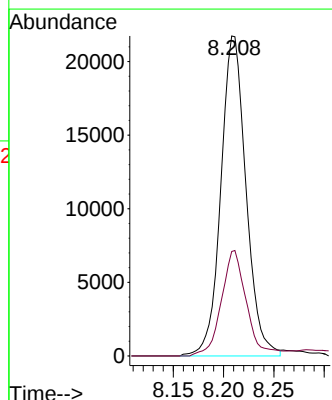
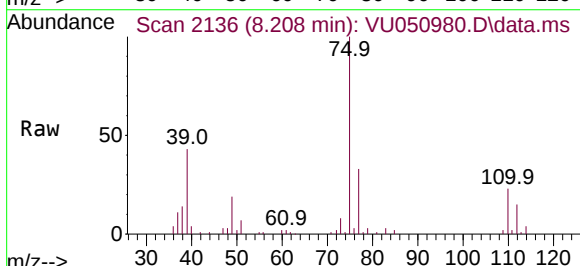
Acq: 29 Sep 2022 15:17

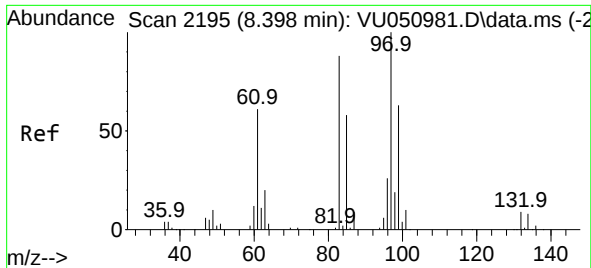
Tgt Ion: 75 Resp: 37841

Ion Ratio Lower Upper

75 100

77 32.6 22.7 42.3

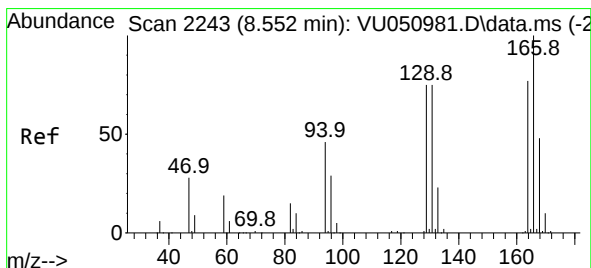
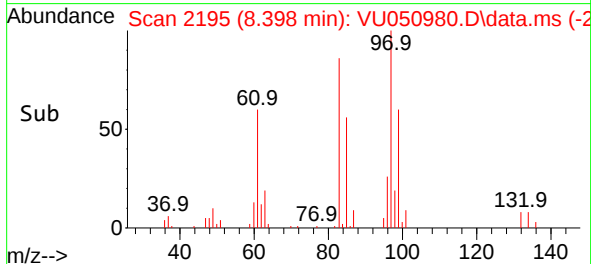
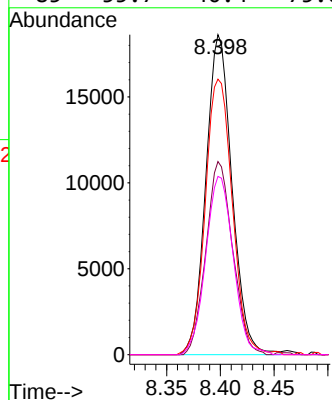
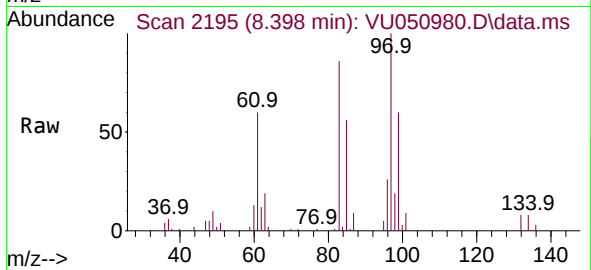




#45
1,1,2-Trichloroethane
Concen: 10.101 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU050980.D
Acq: 29 Sep 2022 15:17

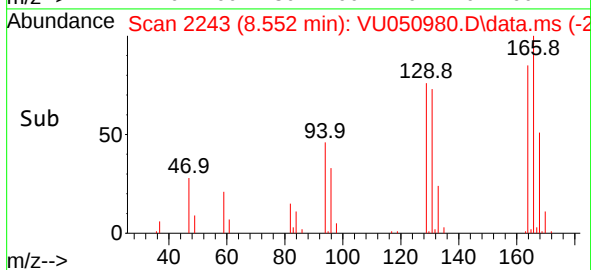
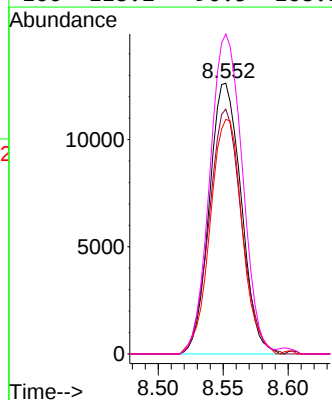
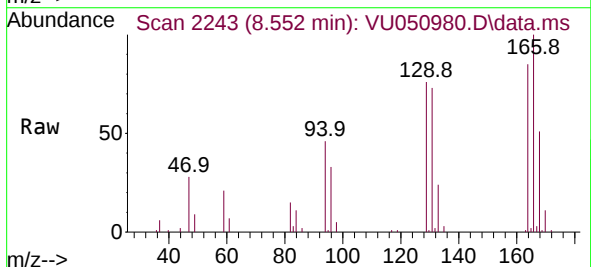
Instrument :
MSVOA_U
ClientSampleId :

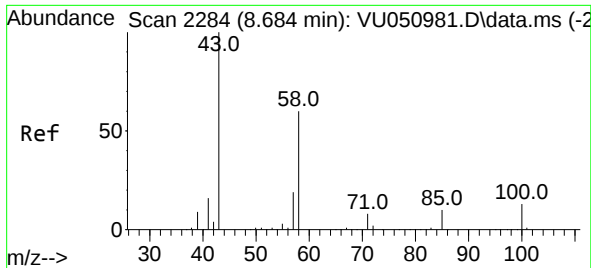
Tgt Ion:	97	Resp:	31545
Ion	Ratio	Lower	Upper
97	100		
99	60.4	44.4	82.4
83	86.1	61.7	114.5
85	55.7	40.4	75.0



#46
Tetrachloroethene
Concen: 10.375 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU050980.D
Acq: 29 Sep 2022 15:17

Tgt Ion:	164	Resp:	21488
Ion	Ratio	Lower	Upper
164	100		
129	91.9	68.1	126.5
131	86.6	67.8	126.0
166	118.2	90.5	168.1

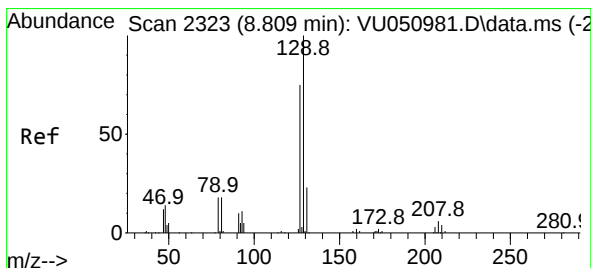
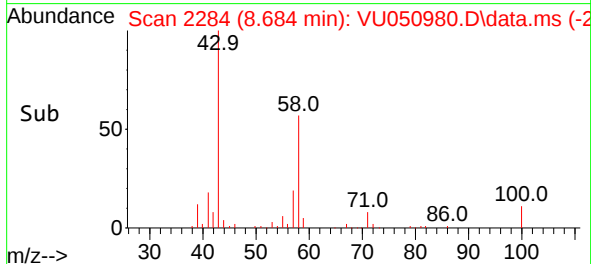
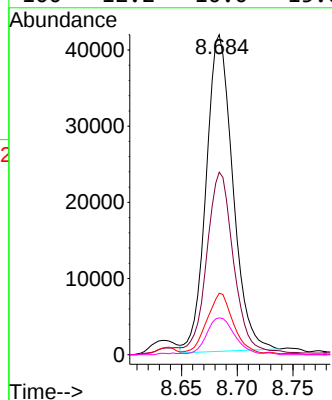
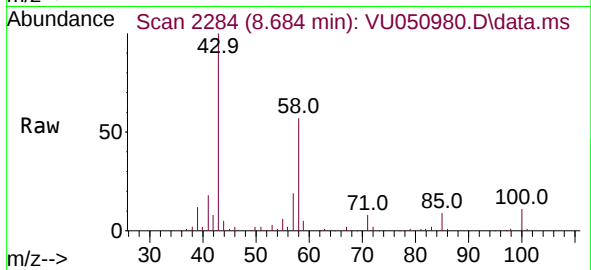




#48
2-Hexanone
Concen: 17.934 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050980.D
Acq: 29 Sep 2022 15:17

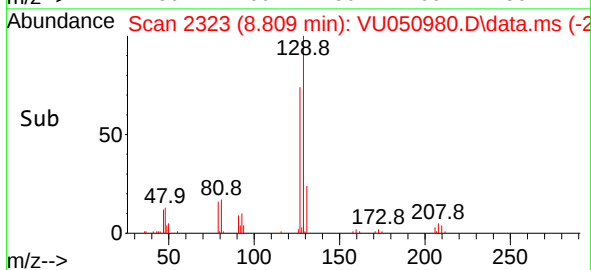
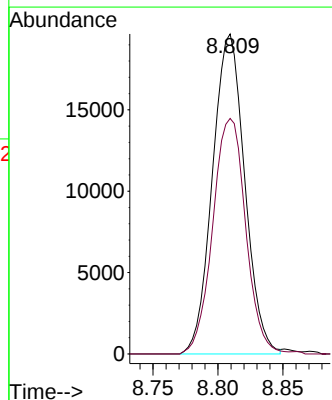
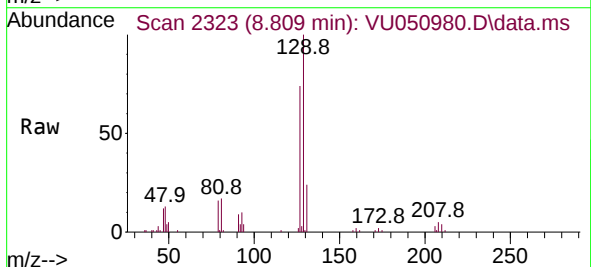
Instrument :
MSVOA_U
ClientSampleId :

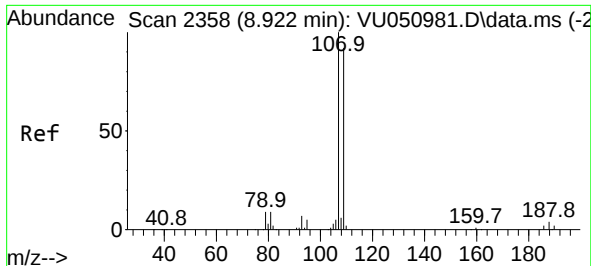
Tgt Ion: 43	Resp: 69451
Ion Ratio	Lower Upper
43 100	
58 57.3	48.3 72.5
57 19.7	15.9 23.9
100 12.2	10.0 15.0



#49
Dibromochloromethane
Concen: 10.964 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU050980.D
Acq: 29 Sep 2022 15:17

Tgt Ion:129	Resp: 33951		
Ion Ratio	Lower	Upper	
129 100			
127 72.6	52.8	98.0	





#50

1,2-Dibromoethane

Concen: 10.539 ug/L

RT: 8.922 min Scan# 21

Delta R.T. 0.000 min

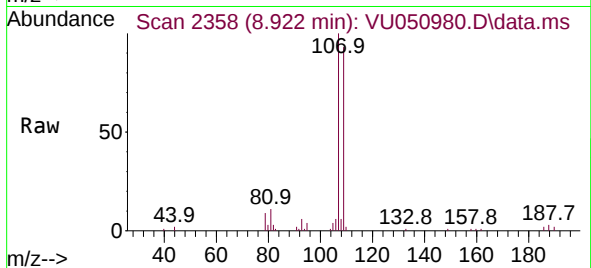
Lab File: VU050980.D

Acq: 29 Sep 2022 15:17

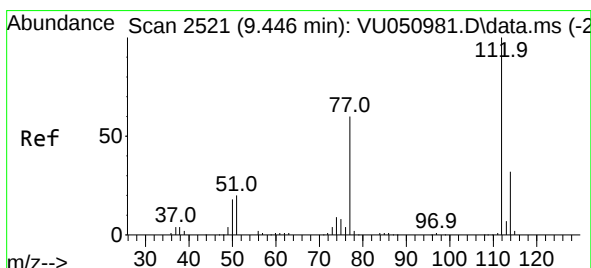
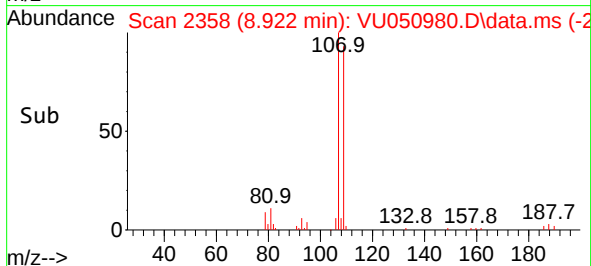
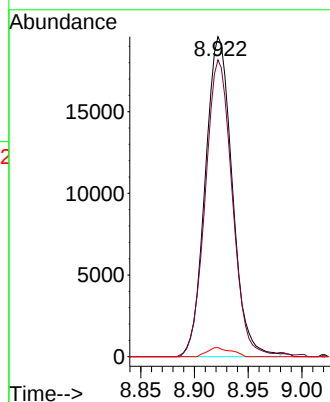
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	107	Resp:	34255
Ion	Ratio	Lower	Upper
107	100		
109	92.7	64.1	119.1
188	2.9	2.9	4.3#



#51

Chlorobenzene

Concen: 10.632 ug/L

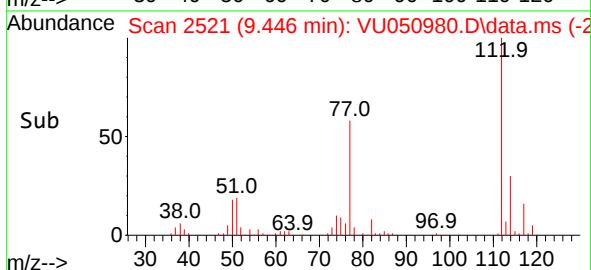
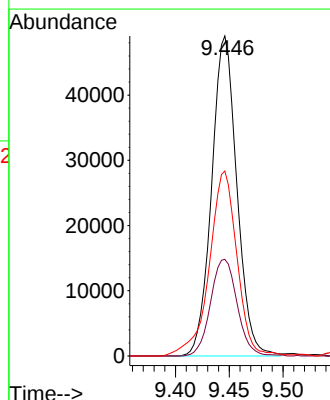
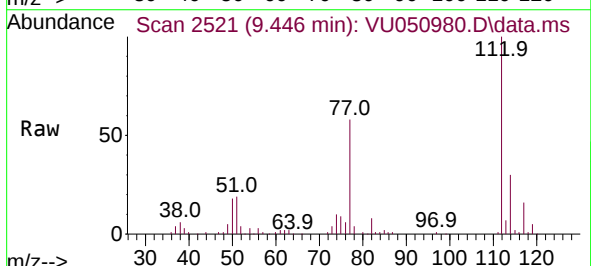
RT: 9.446 min Scan# 2521

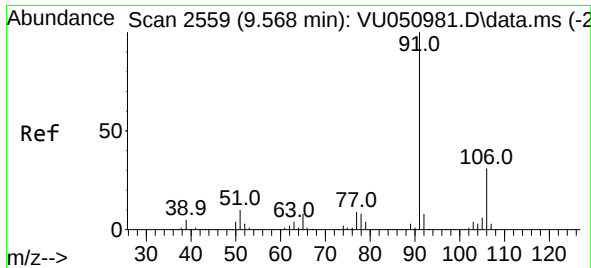
Delta R.T. 0.000 min

Lab File: VU050980.D

Acq: 29 Sep 2022 15:17

Tgt Ion:	112	Resp:	80192
Ion	Ratio	Lower	Upper
112	100		
114	30.2	22.3	41.3
77	57.8	48.2	72.2

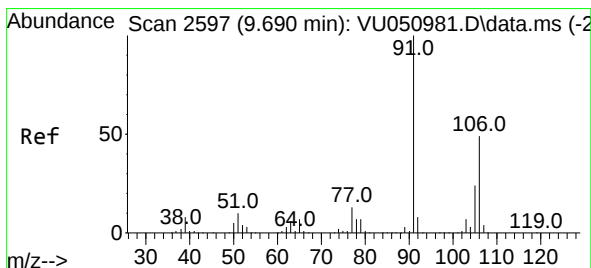
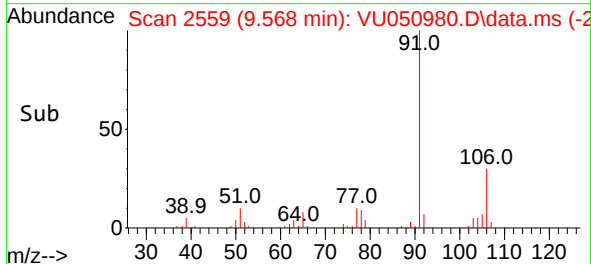
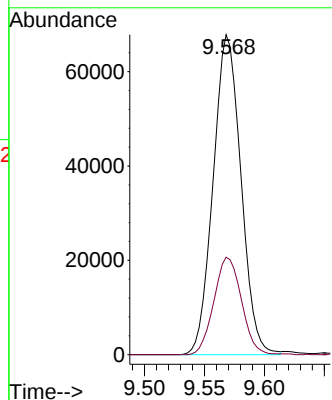
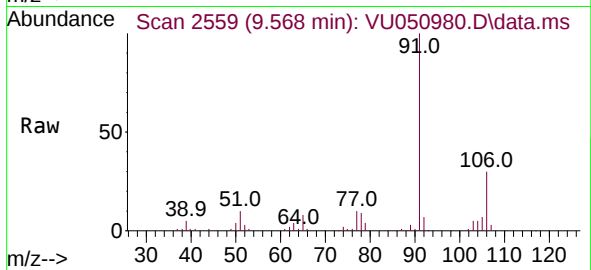




#52
Ethylbenzene
Concen: 8.855 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU050980.D
Acq: 29 Sep 2022 15:17

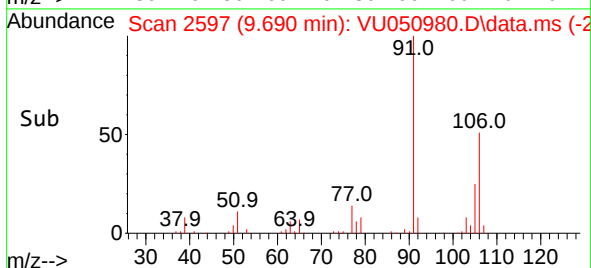
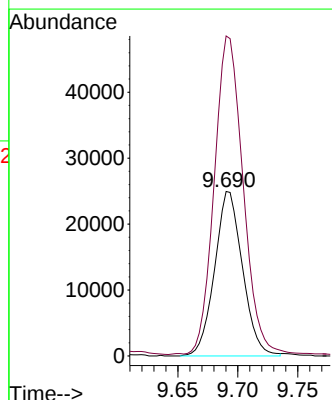
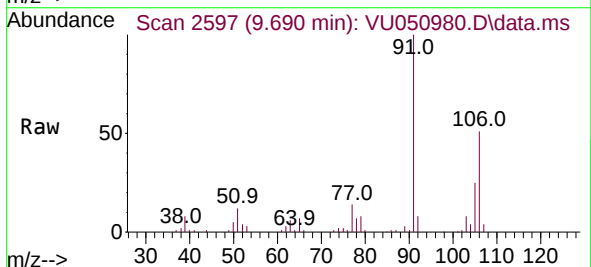
Instrument :
MSVOA_U
ClientSampleId :

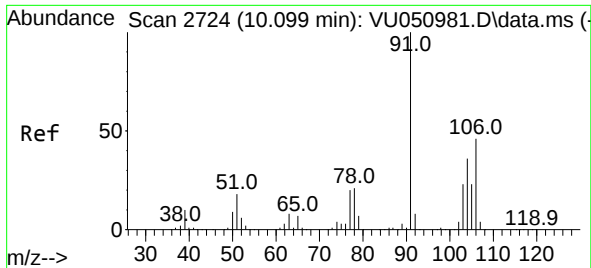
Tgt Ion: 91 Resp: 109209
Ion Ratio Lower Upper
91 100
106 30.5 21.7 40.3



#53
m,p-Xylene
Concen: 8.853 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU050980.D
Acq: 29 Sep 2022 15:17

Tgt Ion: 106 Resp: 40303
Ion Ratio Lower Upper
106 100
91 194.6 141.9 263.5

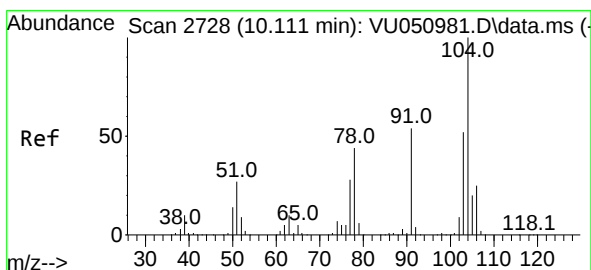
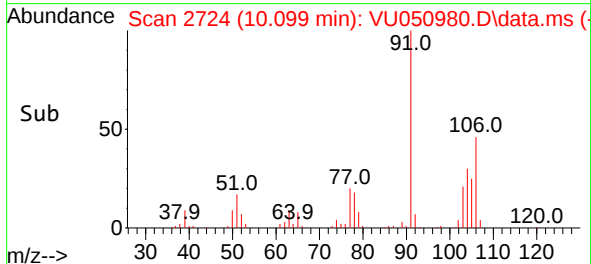
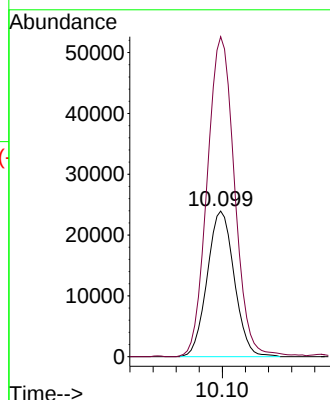
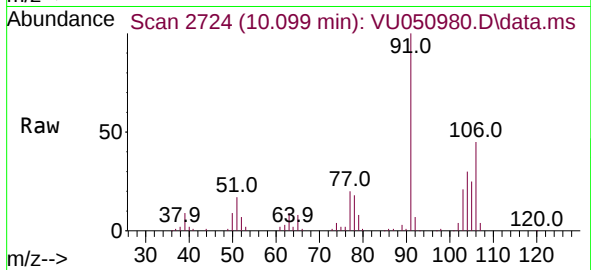




#54
o-Xylene
Concen: 8.552 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU050980.D
Acq: 29 Sep 2022 15:17

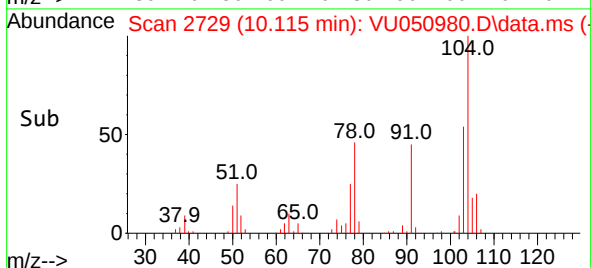
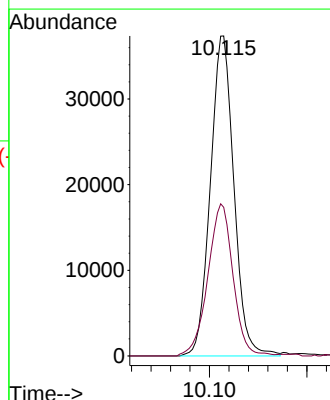
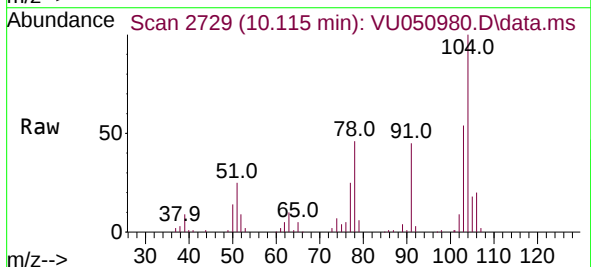
Instrument :
MSVOA_U
ClientSampleId :

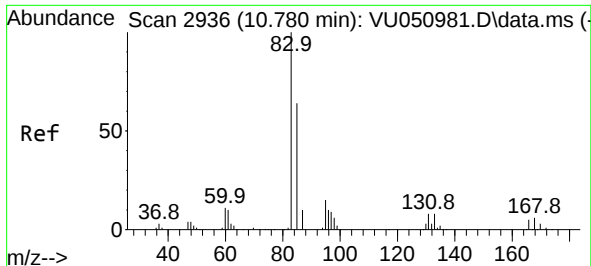
Tgt Ion:106 Resp: 38922
Ion Ratio Lower Upper
106 100
91 219.8 152.4 283.0



#55
Styrene
Concen: 8.014 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.003 min
Lab File: VU050980.D
Acq: 29 Sep 2022 15:17

Tgt Ion:104 Resp: 62663
Ion Ratio Lower Upper
104 100
78 46.4 31.0 57.6

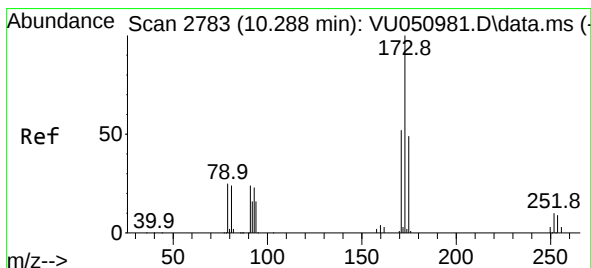
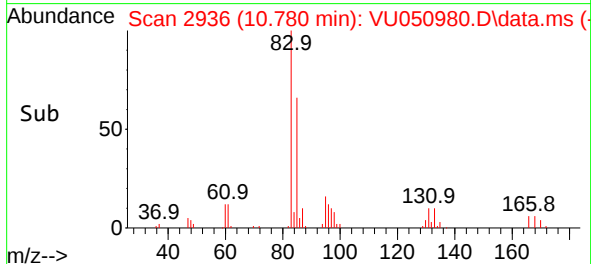
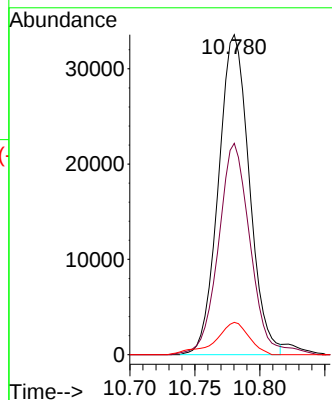
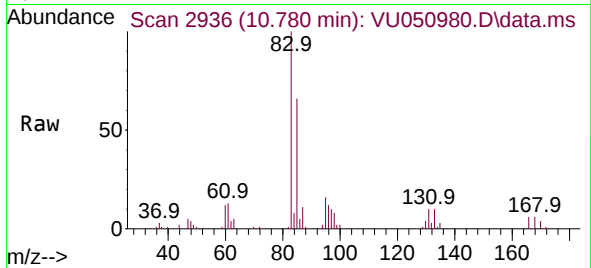




#57
1,1,2,2-Tetrachloroethane
Concen: 9.591 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU050980.D
Acq: 29 Sep 2022 15:17

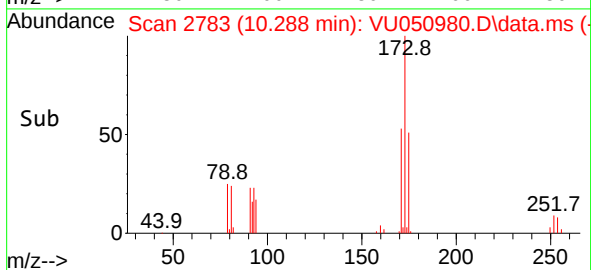
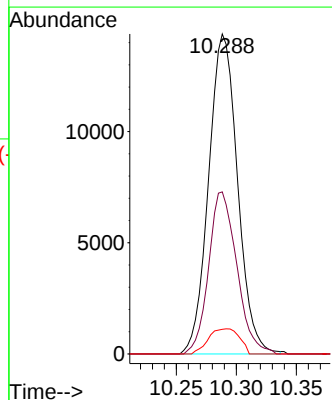
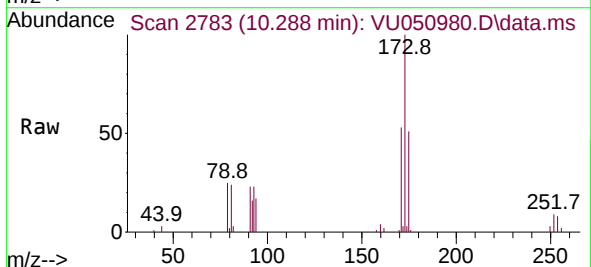
Instrument :
MSVOA_U
ClientSampleId :

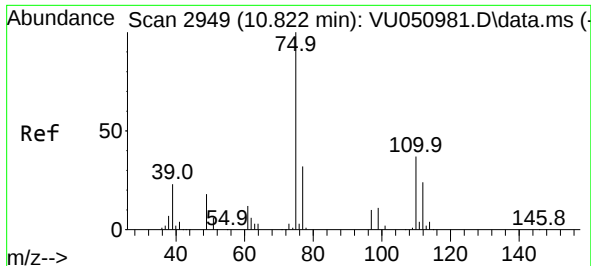
Tgt Ion: 83 Resp: 55496
Ion Ratio Lower Upper
83 100
85 66.0 44.7 83.1
131 10.1 7.0 10.4



#59
Bromoform
Concen: 11.028 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. 0.000 min
Lab File: VU050980.D
Acq: 29 Sep 2022 15:17

Tgt Ion:173 Resp: 24113
Ion Ratio Lower Upper
173 100
175 49.4 39.4 59.0
254 8.4 7.4 11.0

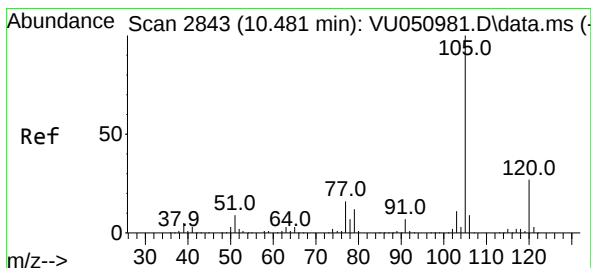
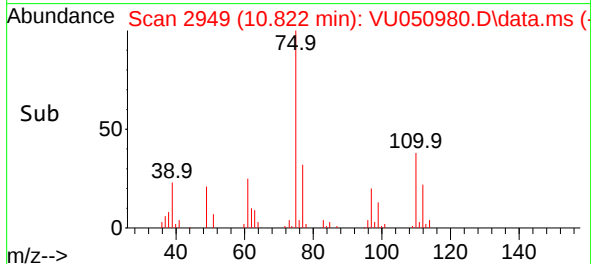
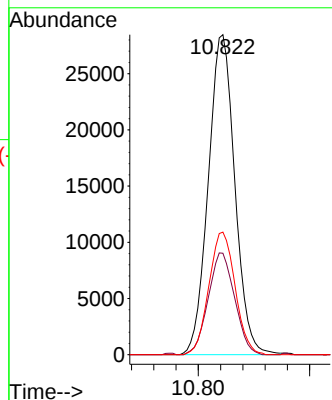
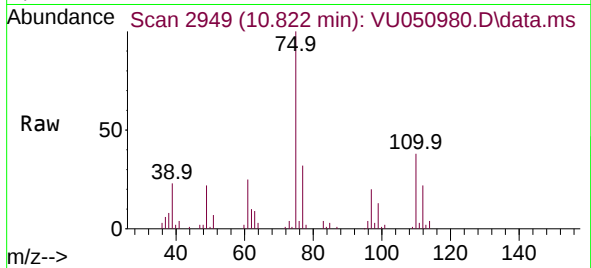




#60
1,2,3-Trichloropropane
Concen: 11.163 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU050980.D
Acq: 29 Sep 2022 15:17

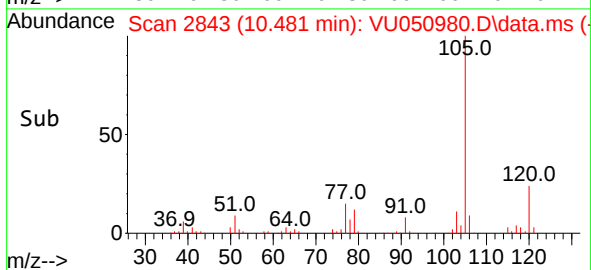
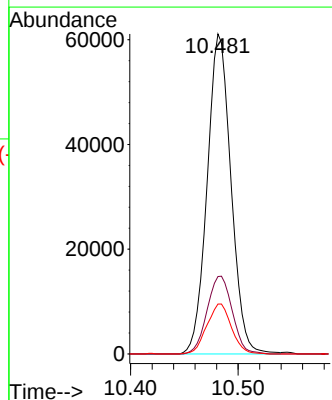
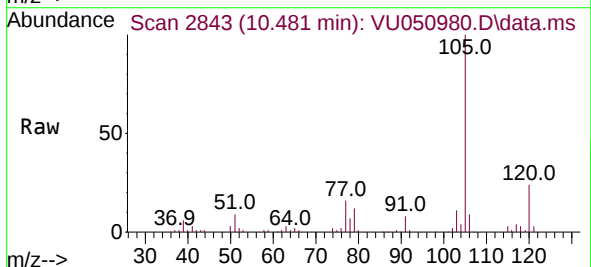
Instrument :
MSVOA_U
ClientSampleId :

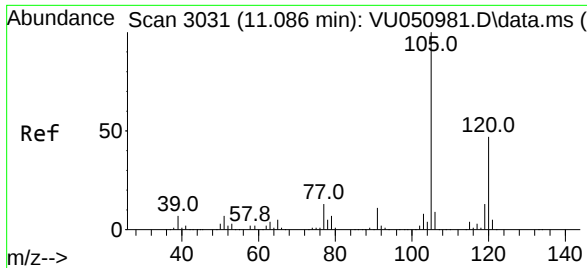
Tgt Ion: 75 Resp: 47115
Ion Ratio Lower Upper
75 100
77 31.7 26.1 39.1
110 37.9 30.0 45.0



#61
Isopropylbenzene
Concen: 8.827 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU050980.D
Acq: 29 Sep 2022 15:17

Tgt Ion: 105 Resp: 94079
Ion Ratio Lower Upper
105 100
120 25.6 21.1 31.7
77 16.1 12.8 19.2

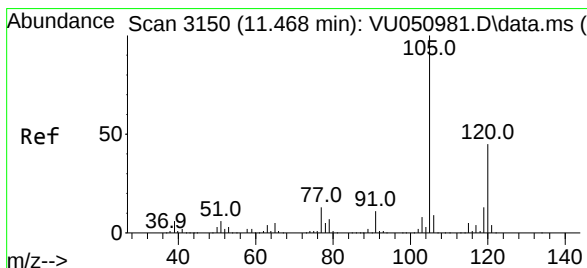
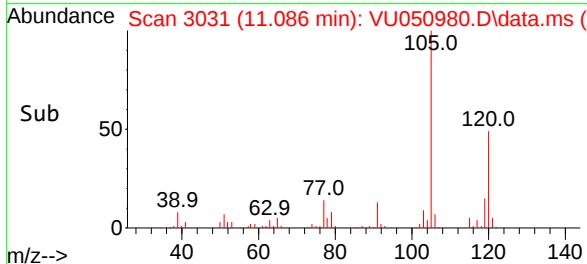
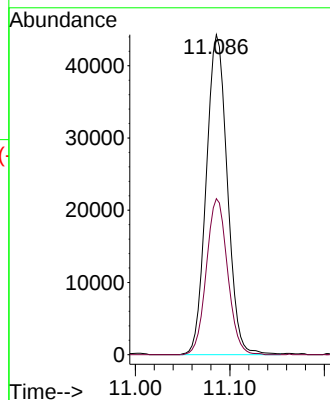
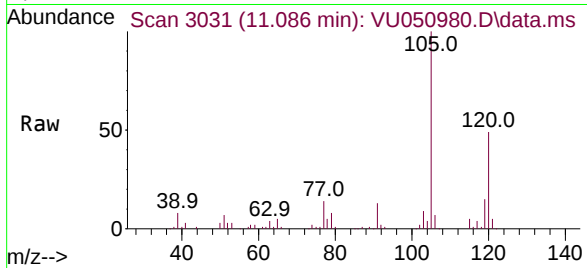




#62
 1,3,5-Trimethylbenzene
 Concen: 7.753 ug/L
 RT: 11.086 min Scan# 3031
 Delta R.T. 0.000 min
 Lab File: VU050980.D
 Acq: 29 Sep 2022 15:17

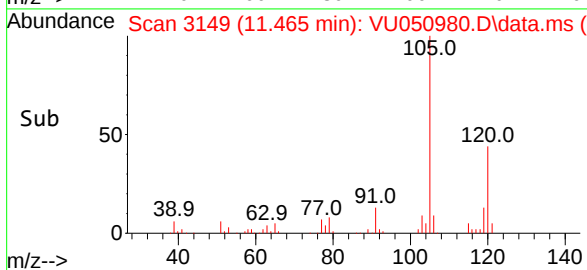
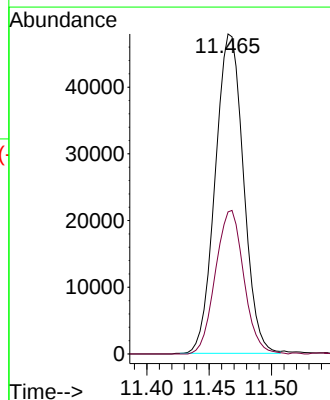
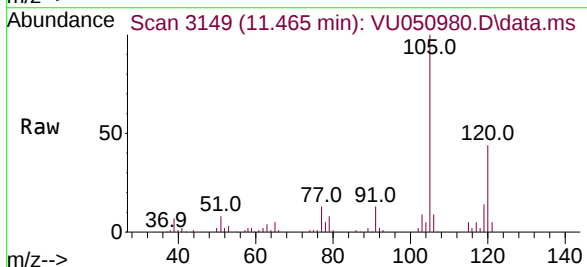
Instrument :
 MSVOA_U
 ClientSampleId :

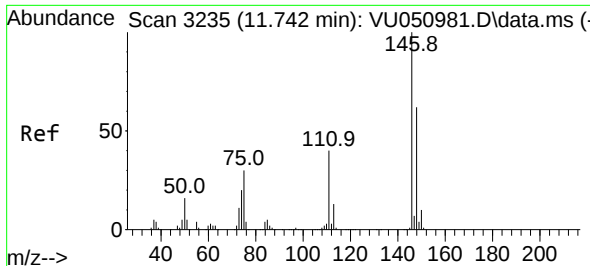
Tgt Ion:105 Resp: 68603
 Ion Ratio Lower Upper
 105 100
 120 49.1 37.8 56.8



#63
 1,2,4-Trimethylbenzene
 Concen: 8.717 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. -0.003 min
 Lab File: VU050980.D
 Acq: 29 Sep 2022 15:17

Tgt Ion:105 Resp: 75529
 Ion Ratio Lower Upper
 105 100
 120 45.2 35.5 53.3

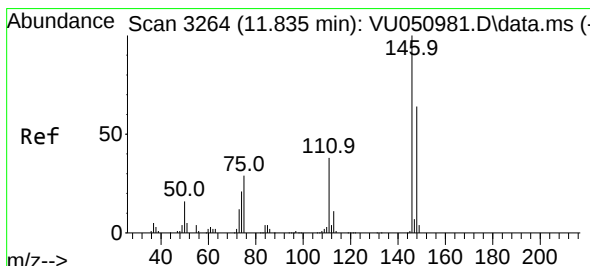
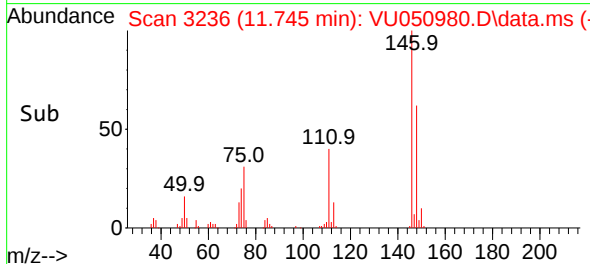
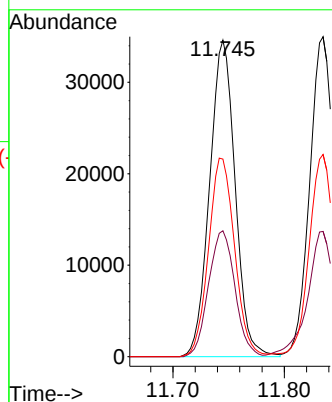
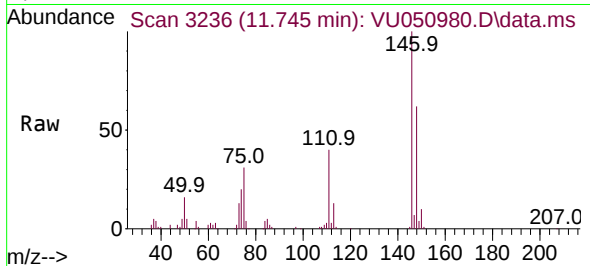




#64
1,3-Dichlorobenzene
Concen: 11.196 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU050980.D
Acq: 29 Sep 2022 15:17

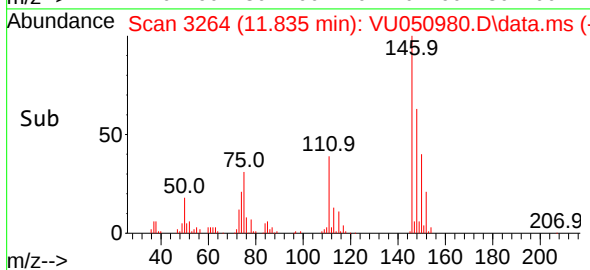
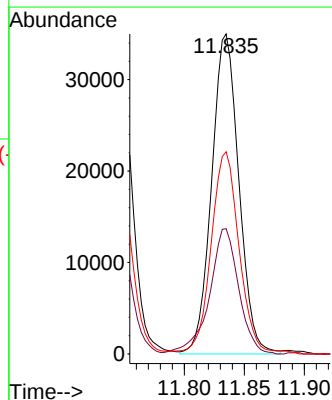
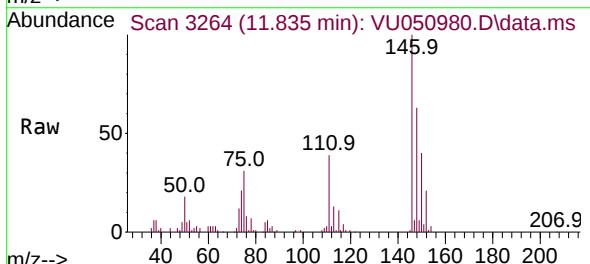
Instrument :
MSVOA_U
ClientSampleId :

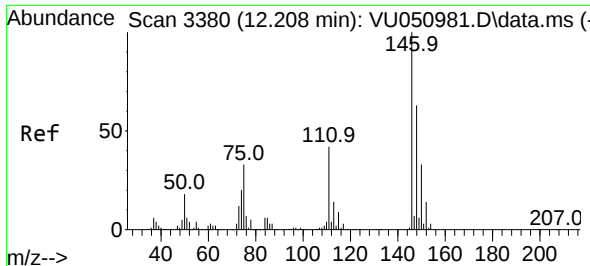
Tgt Ion:146 Resp: 55125
Ion Ratio Lower Upper
146 100
111 39.8 28.2 52.4
148 62.5 43.5 80.9



#65
1,4-Dichlorobenzene
Concen: 10.929 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU050980.D
Acq: 29 Sep 2022 15:17

Tgt Ion:146 Resp: 55225
Ion Ratio Lower Upper
146 100
111 39.2 27.0 50.2
148 63.2 45.1 83.9

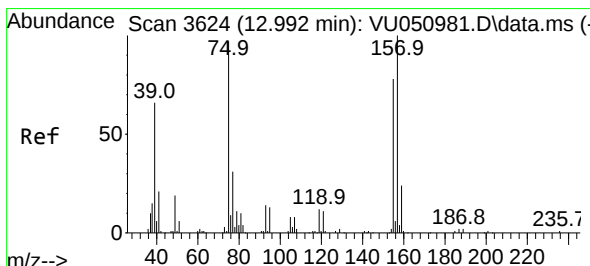
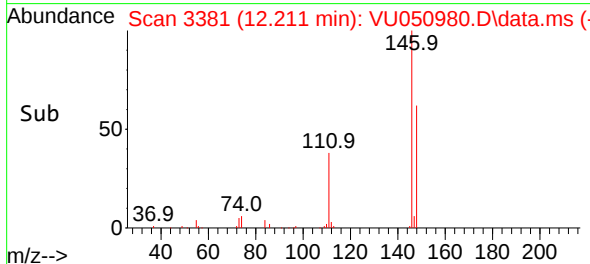
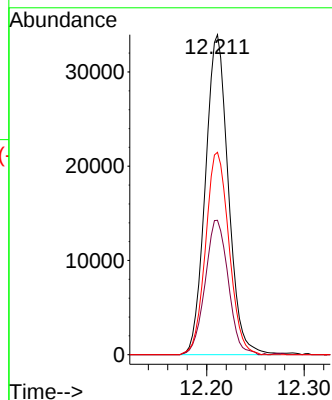
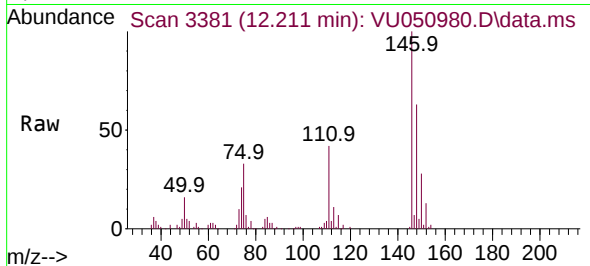




#67
1,2-Dichlorobenzene
Concen: 10.418 ug/L
RT: 12.211 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU050980.D
Acq: 29 Sep 2022 15:17

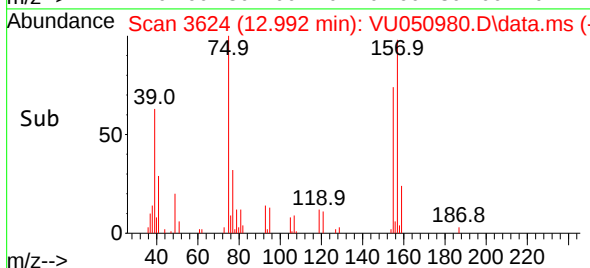
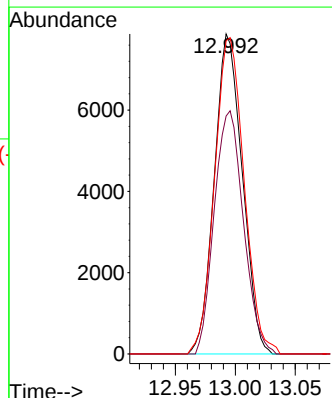
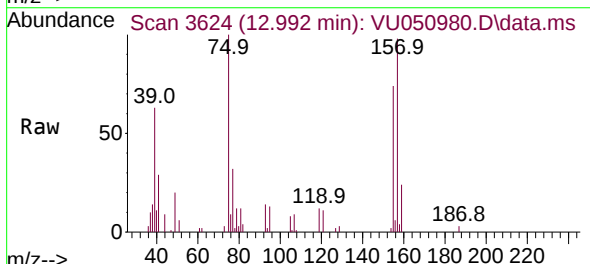
Instrument :
MSVOA_U
ClientSampleId :

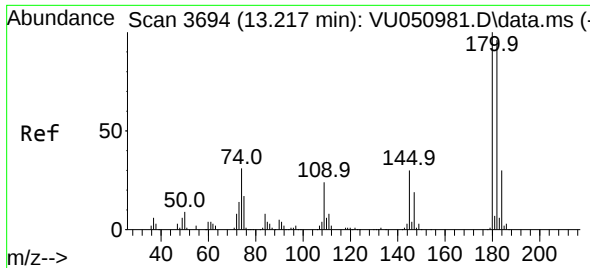
Tgt Ion:146 Resp: 55555
Ion Ratio Lower Upper
146 100
111 42.0 33.7 50.5
148 63.3 50.8 76.2



#68
1,2-Dibromo-3-chloropropane
Concen: 10.845 ug/L
RT: 12.992 min Scan# 3624
Delta R.T. 0.000 min
Lab File: VU050980.D
Acq: 29 Sep 2022 15:17

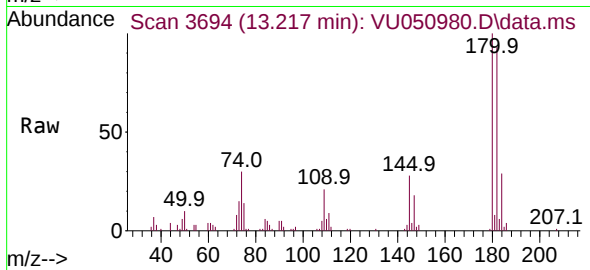
Tgt Ion: 75 Resp: 12774
Ion Ratio Lower Upper
75 100
155 80.2 64.4 96.6
157 97.8 82.2 123.2



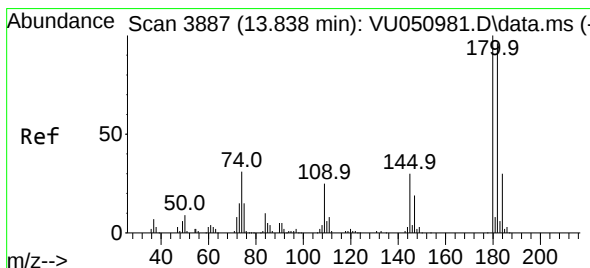
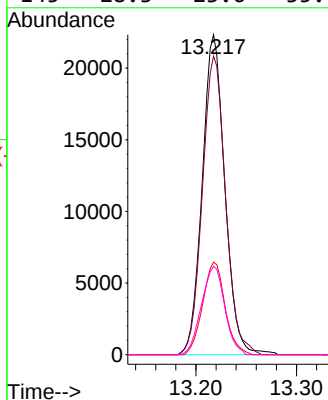
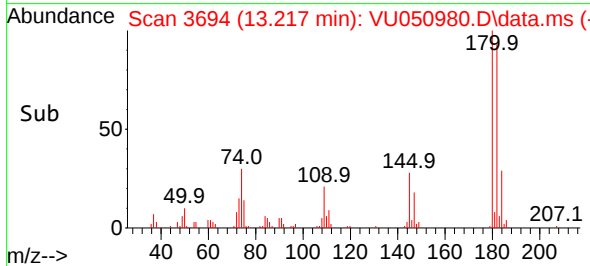


#69
 1,3,5-Trichlorobenzene
 Concen: 9.946 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU050980.D
 Acq: 29 Sep 2022 15:17

Instrument :
 MSVOA_U
 ClientSampleId :

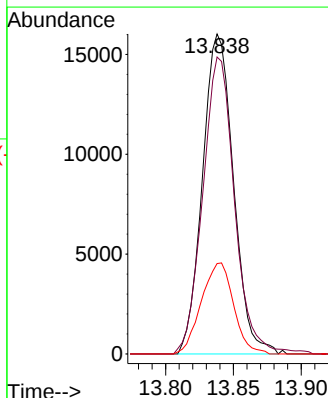
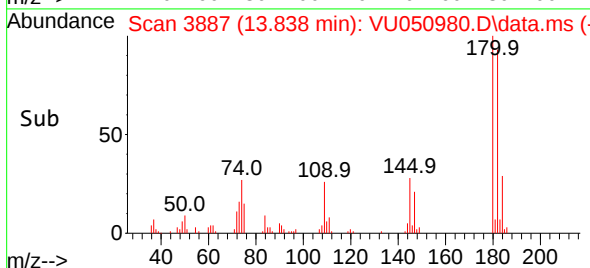
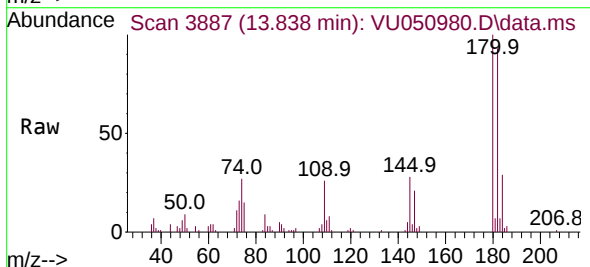


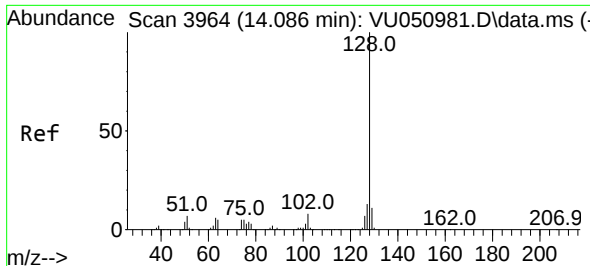
Tgt Ion:	180	Resp:	34826
Ion Ratio	Lower	Upper	
180	100		
182	95.5	77.0	115.4
184	28.7	24.4	36.6
145	28.3	23.6	35.4



#70
 1,2,4-trichlorobenzene
 Concen: 8.945 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.000 min
 Lab File: VU050980.D
 Acq: 29 Sep 2022 15:17

Tgt Ion:	180	Resp:	25506
Ion Ratio	Lower	Upper	
180	100		
182	95.2	75.9	113.9
145	29.6	24.0	36.0

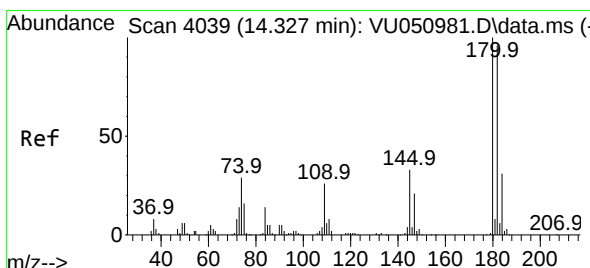
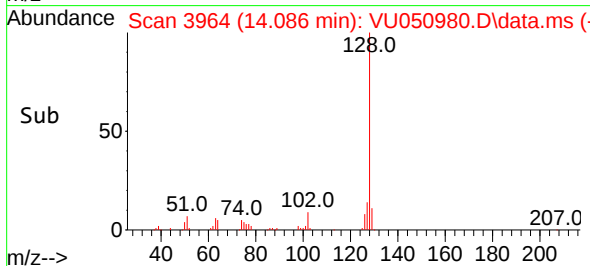
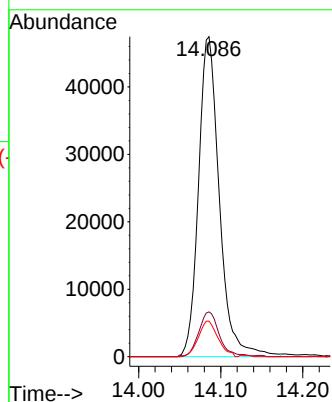
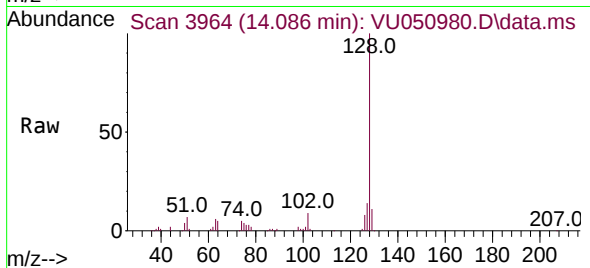




#71
Naphthalene
Concen: 7.759 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU050980.D
Acq: 29 Sep 2022 15:17

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 83736
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 10.5 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 9.047 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU050980.D
Acq: 29 Sep 2022 15:17

Tgt Ion:180 Resp: 28920
Ion Ratio Lower Upper
180 100
182 96.4 76.0 114.0
145 33.4 26.1 39.1

