

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081122\
 Data File : VU050225.D
 Acq On : 11 Aug 2022 11:26
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 12 01:26:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 10 05:49:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	97090	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	95073	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	46389	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	39055	4.834	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.600%
7) Chloroethane-d5	1.912	69	34753	5.331	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.600%
11) 1,1-Dichloroethene-d2	2.562	65	15729	4.981	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.600%
20) 2-Butanone-d5	4.645	46	126794	64.351	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.700%
24) Chloroform-d	5.063	84	78408	5.217	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
26) 1,2-Dichloroethane-d4	5.703	65	40648	5.268	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.729	84	153133	5.161	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
36) 1,2-Dichloropropane-d6	6.693	67	52312	5.354	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.000%
41) Toluene-d8	7.899	98	138978	5.304	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
43) trans-1,3-Dichloroprop...	8.182	79	18351	5.242	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.800%
46) 2-Hexanone-d5	8.636	63	78349	63.106	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.220%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	46392	5.407	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	46275	5.091	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	41473	4.659	ug/L	98
3) Chloromethane	1.517	50	52411	4.501	ug/L	99
5) Vinyl chloride	1.600	62	50029	4.796	ug/L	99
6) Bromomethane	1.854	94	44652	6.706	ug/L	99
8) Chloroethane	1.932	64	30692	4.994	ug/L	98
9) Trichlorofluoromethane	2.134	101	55809	4.886	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	31700	4.989	ug/L	96
12) 1,1-Dichloroethene	2.578	96	33569	5.002	ug/L	91
13) Acetone	2.658	43	75943	69.208	ug/L	91
14) Carbon disulfide	2.790	76	113056	4.717	ug/L	99
15) Methyl Acetate	2.961	43	18647	6.224	ug/L #	89
16) Methylene chloride	3.044	84	46100	4.496	ug/L	97
17) Methyl tert-butyl Ether	3.366	73	96815	5.527	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	37901	5.044	ug/L	96
19) 1,1-Dichloroethane	3.870	63	74220	5.216	ug/L	98
21) 2-Butanone	4.722	43	127131	64.429	ug/L	99
22) cis-1,2-Dichloroethene	4.668	96	44011	5.277	ug/L	98
23) Bromochloromethane	4.973	128	20505	5.144	ug/L	94
25) Chloroform	5.089	83	77744	5.125	ug/L	100

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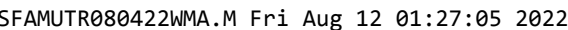
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 ClientSampleId :

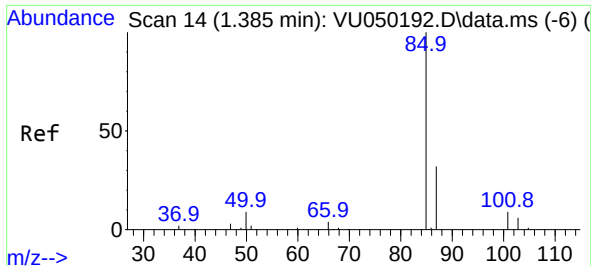
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	49839	5.398	ug/L	99
29) 1,1,1-Trichloroethane	5.317	97	58762	5.038	ug/L	99
30) Cyclohexane	5.388	56	50885	5.008	ug/L	99
31) Carbon tetrachloride	5.526	117	47600	4.979	ug/L	98
33) Benzene	5.774	78	170708	5.125	ug/L	100
34) Trichloroethene	6.542	95	40527	5.030	ug/L	97
35) Methylcyclohexane	6.764	83	52207	5.020	ug/L	99
37) 1,2-Dichloropropane	6.793	63	47143	5.313	ug/L	99
38) Bromodichloromethane	7.108	83	56799	5.270	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	60995	5.268	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	293780	57.165	ug/L	100
42) Toluene	7.970	91	176306	5.277	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	53453	5.382	ug/L	96
45) 1,1,2-Trichloroethane	8.401	97	35322	5.326	ug/L	97
47) Tetrachloroethene	8.555	164	28541	4.944	ug/L	97
48) 2-Hexanone	8.687	43	229969	57.856	ug/L	98
49) Dibromochloromethane	8.809	129	39066	5.322	ug/L	96
50) 1,2-Dibromoethane	8.925	107	32933	5.476	ug/L	97
51) Chlorobenzene	9.446	112	110311	5.248	ug/L	98
52) Ethylbenzene	9.571	91	171550	5.262	ug/L	100
53) m,p-Xylene	9.693	106	65727	5.475	ug/L	99
54) o-Xylene	10.102	106	65925	5.501	ug/L	98
55) Styrene	10.115	104	110460	5.517	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	47229	5.419	ug/L	99
59) Bromoform	10.291	173	22078	4.746	ug/L	97
60) Isopropylbenzene	10.484	105	157413	5.081	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	33054	5.231	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	48403	5.530	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	128911	5.406	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	81089	5.193	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	80396	5.291	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	79379	5.249	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.995	75	6984	5.637	ug/L	99
69) 1,3,5-Trichlorobenzene	13.221	180	61271	5.508	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	54695	6.490	ug/L	99
71) Naphthalene	14.085	128	133857	7.745	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	59375	6.950	ug/L	97

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

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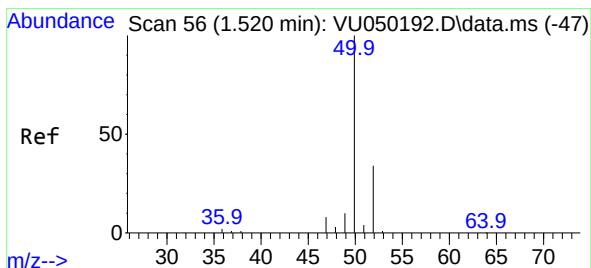
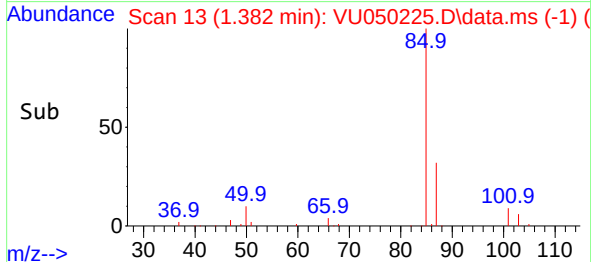
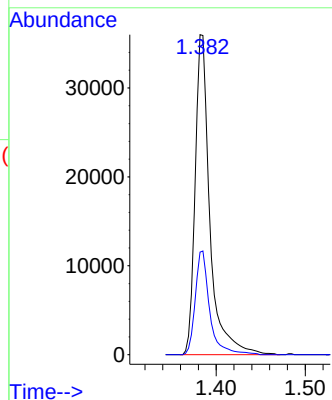
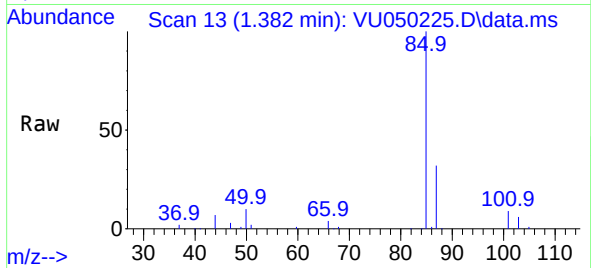




#2
 Dichlorodifluoromethane
 Concen: 4.659 ug/L
 RT: 1.382 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VU050225.D
 Acq: 11 Aug 2022 11:26

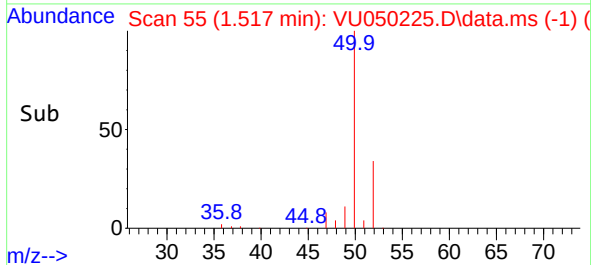
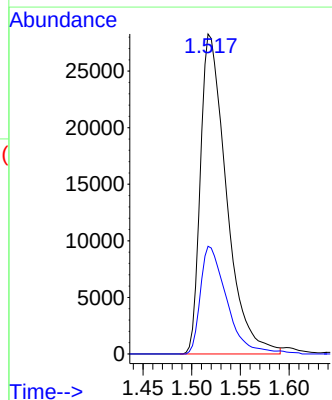
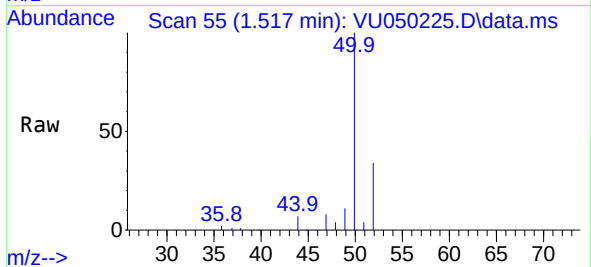
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 MSVOA_U
 ClientSampleId :

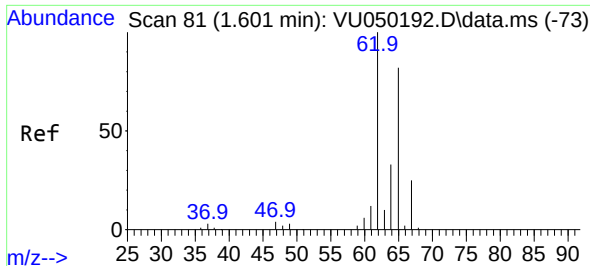
Tgt Ion: 85 Resp: 41473
 Ion Ratio Lower Upper
 85 100
 87 31.8 26.2 39.4



#3
 Chloromethane
 Concen: 4.501 ug/L
 RT: 1.517 min Scan# 55
 Delta R.T. -0.003 min
 Lab File: VU050225.D
 Acq: 11 Aug 2022 11:26

Tgt Ion: 50 Resp: 52411
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.2 43.2

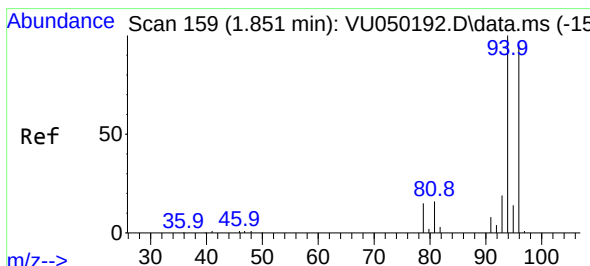
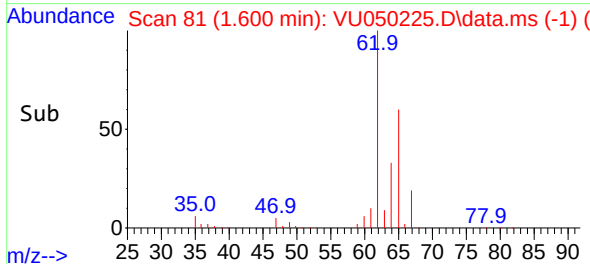
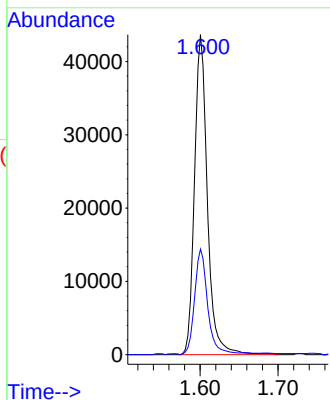
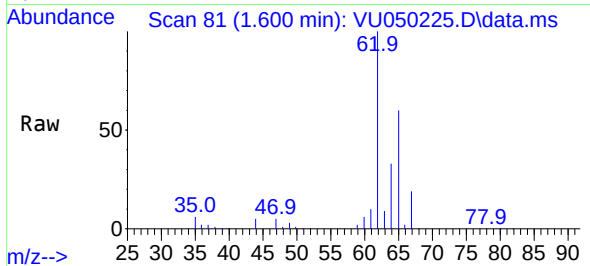




#5
 Vinyl chloride
 Concen: 4.796 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU050225.D
 Acq: 11 Aug 2022 11:26

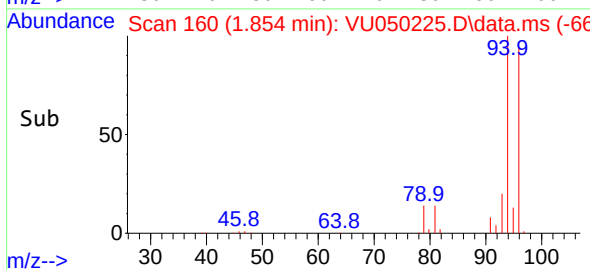
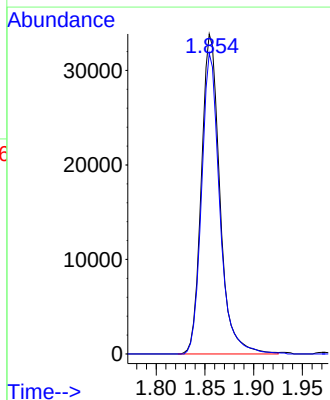
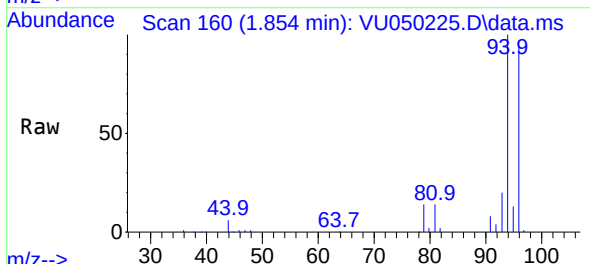
Instrument :
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 ClientSampleId :

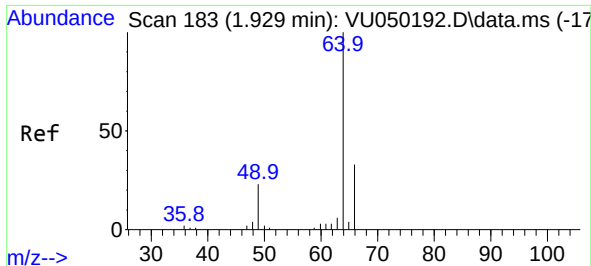
Tgt Ion: 62 Resp: 50029
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.8 42.4



#6
 Bromomethane
 Concen: 6.706 ug/L
 RT: 1.854 min Scan# 160
 Delta R.T. 0.003 min
 Lab File: VU050225.D
 Acq: 11 Aug 2022 11:26

Tgt Ion: 94 Resp: 44652
 Ion Ratio Lower Upper
 94 100
 96 94.0 65.3 121.3

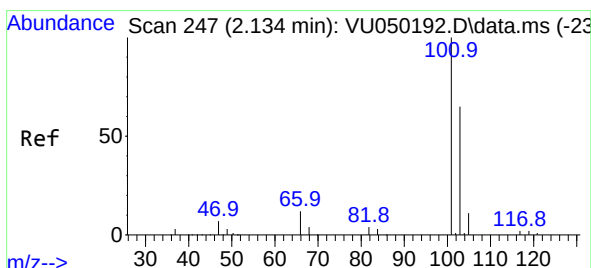
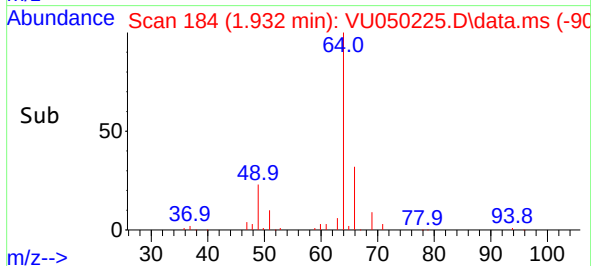
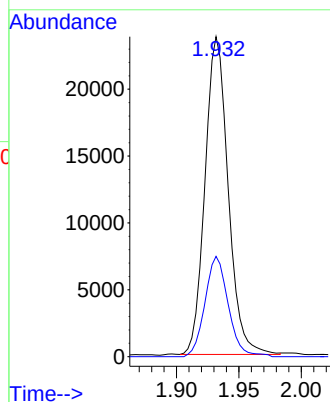
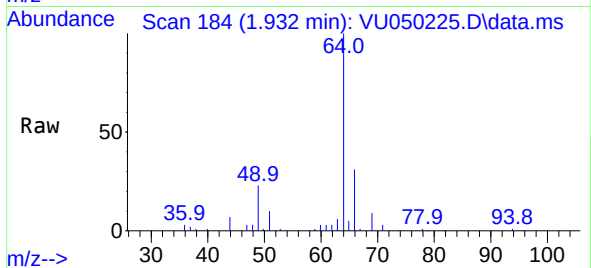




#8
Chloroethane
Concen: 4.994 ug/L
RT: 1.932 min Scan# 184
Delta R.T. 0.003 min
Lab File: VU050225.D
Acq: 11 Aug 2022 11:26

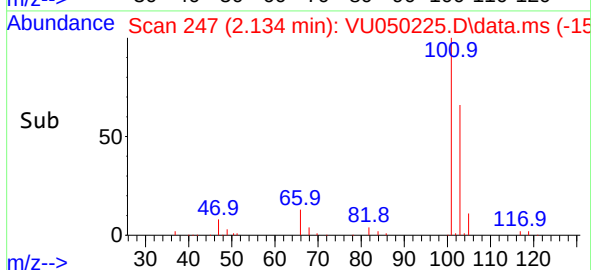
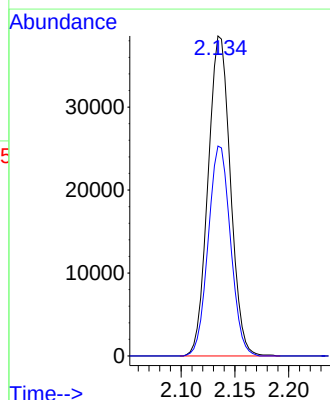
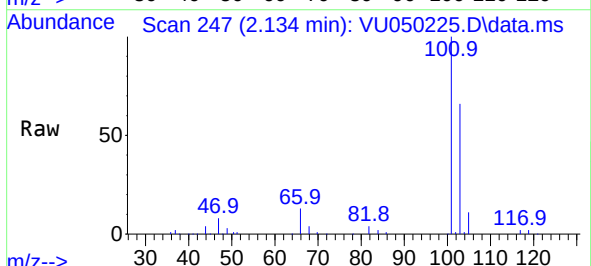
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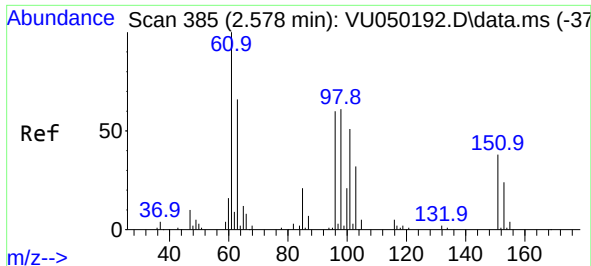
Tgt Ion: 64 Resp: 30692
Ion Ratio Lower Upper
64 100
66 31.4 22.8 42.4



#9
Trichlorofluoromethane
Concen: 4.886 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.000 min
Lab File: VU050225.D
Acq: 11 Aug 2022 11:26

Tgt Ion:101 Resp: 55809
Ion Ratio Lower Upper
101 100
103 65.3 52.6 78.8

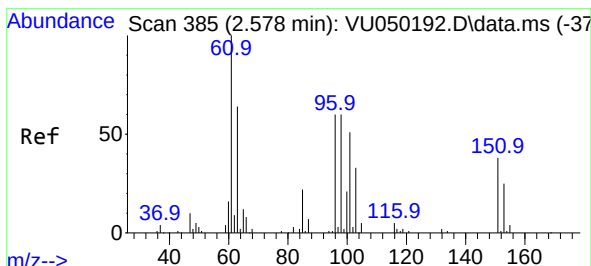
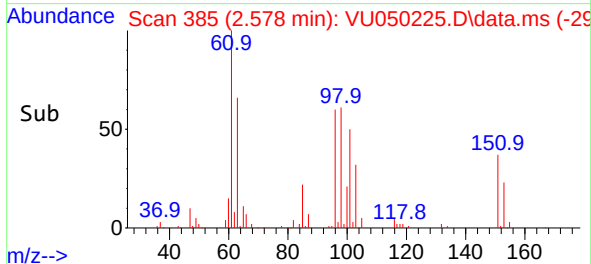
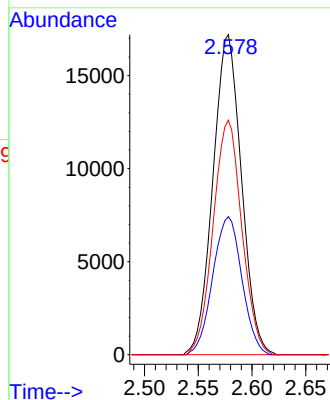
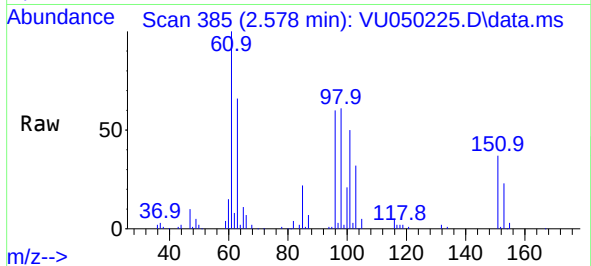




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.989 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU050225.D
 Acq: 11 Aug 2022 11:26

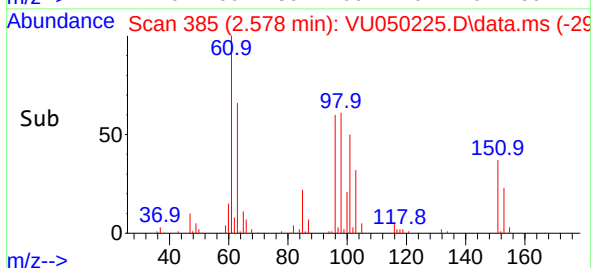
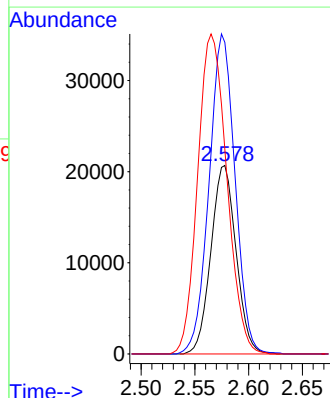
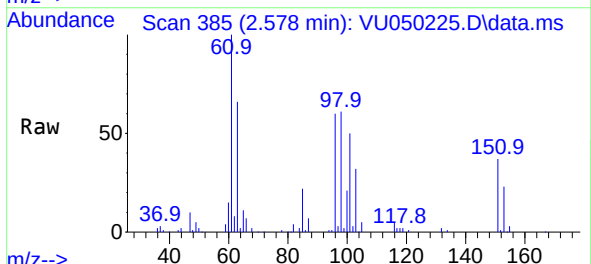
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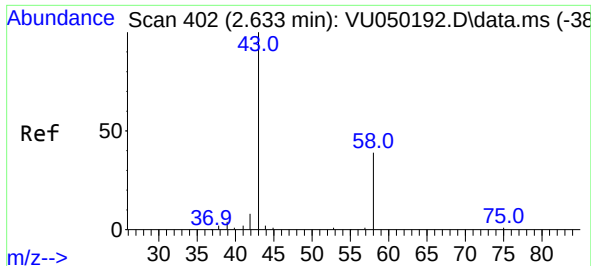
Tgt Ion:101 Resp: 31700
 Ion Ratio Lower Upper
 101 100
 85 44.1 35.6 53.4
 151 73.8 55.2 82.8



#12
 1,1-Dichloroethene
 Concen: 5.002 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU050225.D
 Acq: 11 Aug 2022 11:26

Tgt Ion: 96 Resp: 33569
 Ion Ratio Lower Upper
 96 100
 61 165.3 122.7 227.9
 63 108.6 85.1 158.1





#13

Acetone

Concen: 69.208 ug/L

RT: 2.658 min Scan# 41

Delta R.T. 0.026 min

Lab File: VU050225.D

Acq: 11 Aug 2022 11:26

Instrument :

MSVOA_U

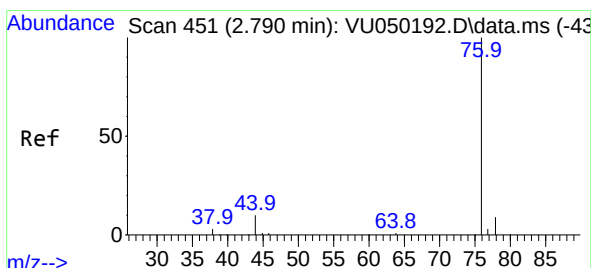
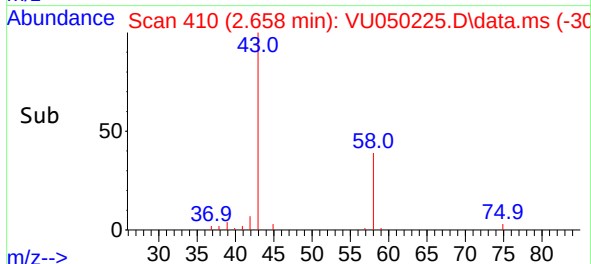
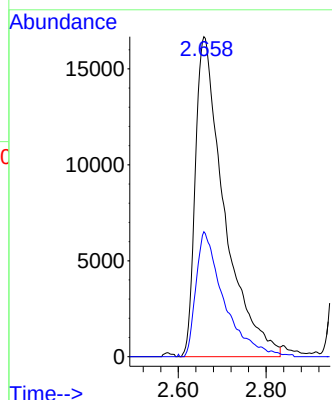
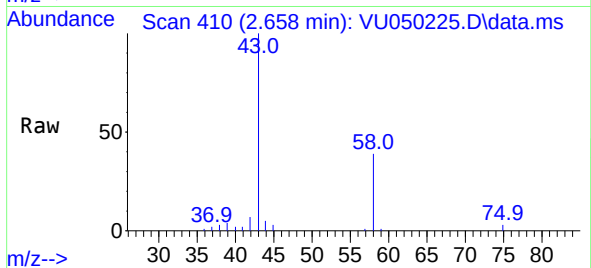
ClientSampleId :

Tgt Ion: 43 Resp: 75943

Ion Ratio Lower Upper

43 100

58 37.3 0.0 64.0



#14

Carbon disulfide

Concen: 4.717 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU050225.D

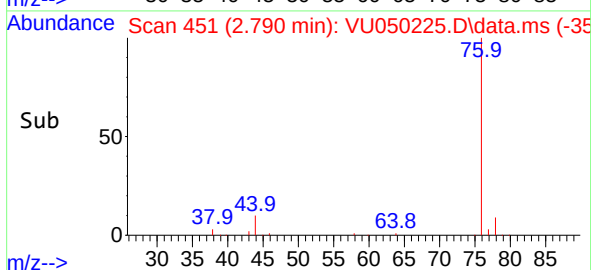
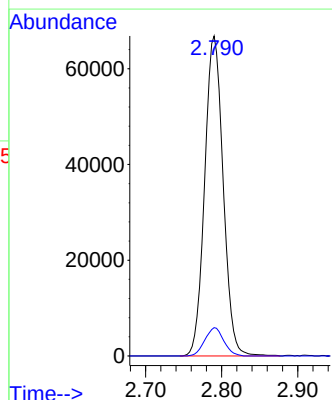
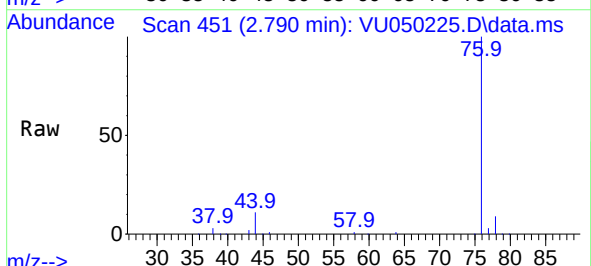
Acq: 11 Aug 2022 11:26

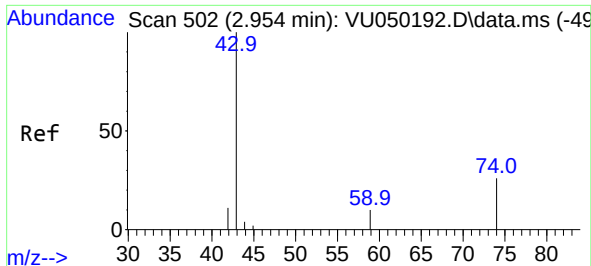
Tgt Ion: 76 Resp: 113056

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0

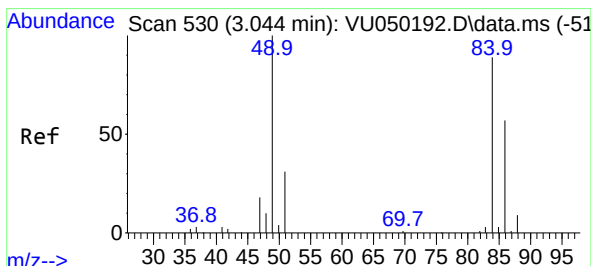
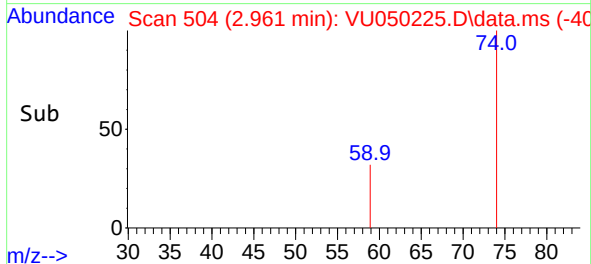
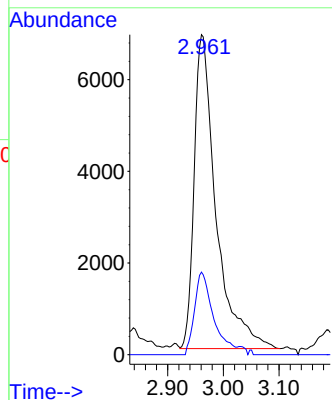
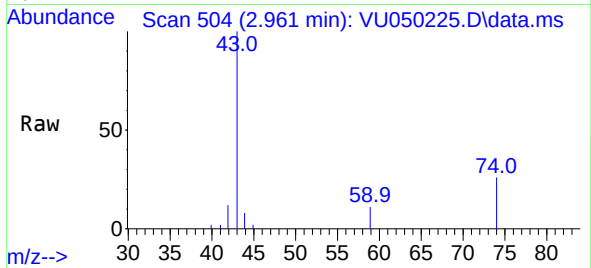




#15
Methyl Acetate
Concen: 6.224 ug/L
RT: 2.961 min Scan# 50
Delta R.T. 0.006 min
Lab File: VU050225.D
Acq: 11 Aug 2022 11:26

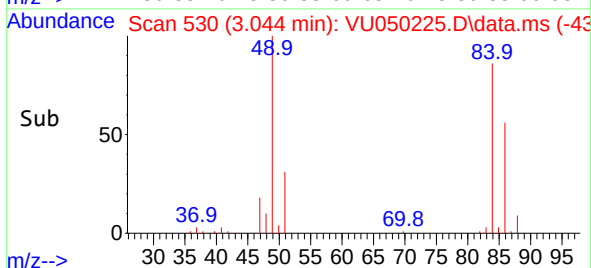
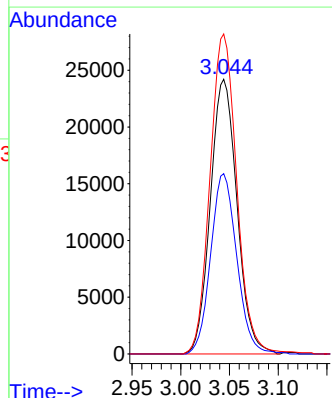
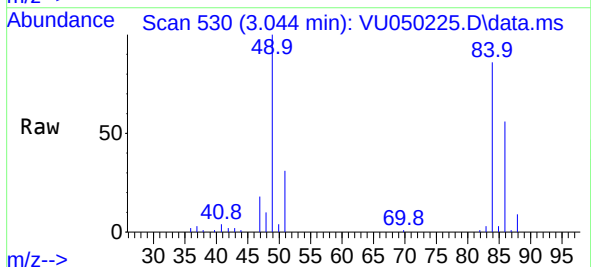
Instrument :
MSVOA_U
ClientSampleId :

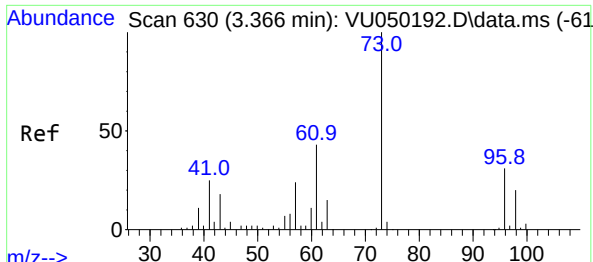
Tgt Ion: 43 Resp: 18647
Ion Ratio Lower Upper
43 100
74 22.7 22.7 34.1#



#16
Methylene chloride
Concen: 4.496 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU050225.D
Acq: 11 Aug 2022 11:26

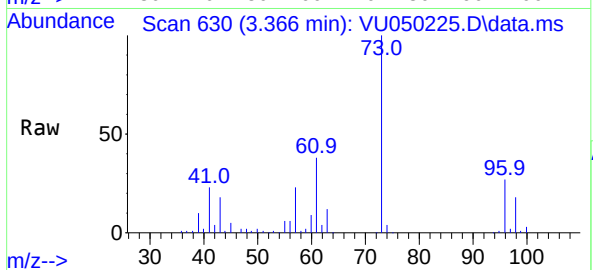
Tgt Ion: 84 Resp: 46100
Ion Ratio Lower Upper
84 100
86 65.6 45.9 85.3
49 116.5 77.6 144.0



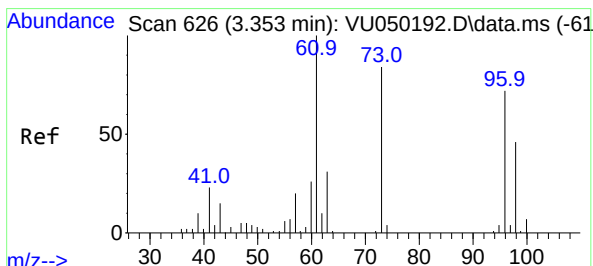
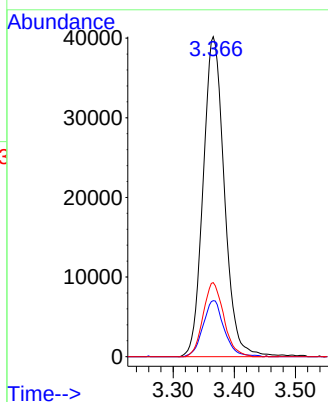
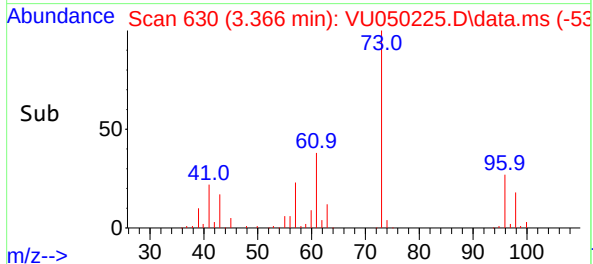


#17
Methyl tert-butyl Ether
Concen: 5.527 ug/L
RT: 3.366 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU050225.D
Acq: 11 Aug 2022 11:26

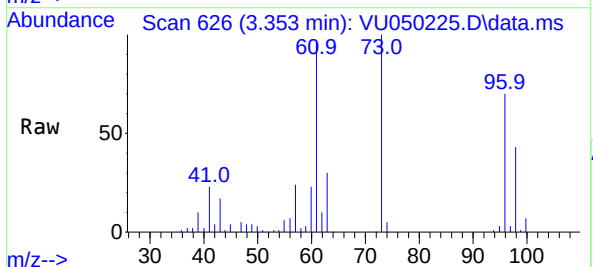
Instrument :
MSVOA_U
ClientSampleId :



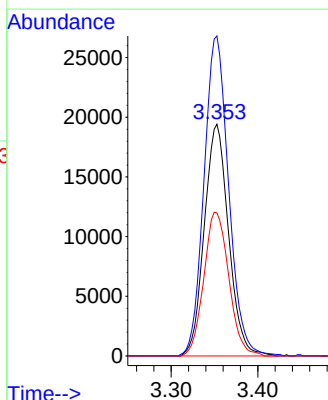
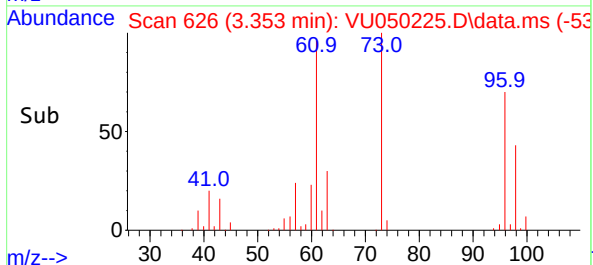
Tgt Ion: 73 Resp: 96815
Ion Ratio Lower Upper
73 100
43 17.5 13.5 20.3
57 22.7 17.4 26.2

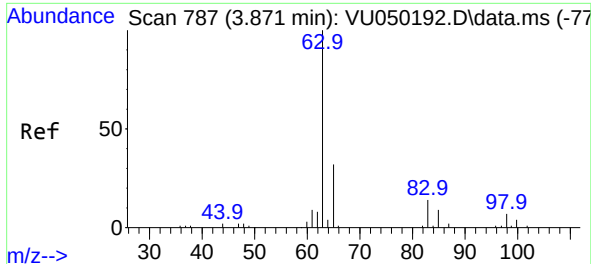


#18
trans-1,2-Dichloroethene
Concen: 5.044 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.000 min
Lab File: VU050225.D
Acq: 11 Aug 2022 11:26



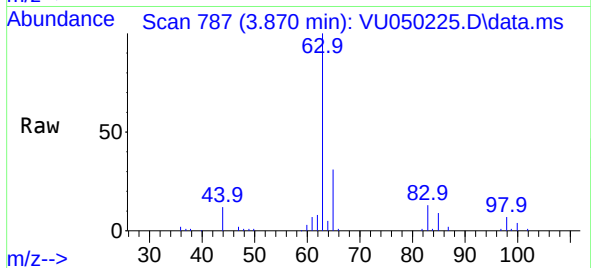
Tgt Ion: 96 Resp: 37901
Ion Ratio Lower Upper
96 100
61 138.1 92.3 171.5
98 61.8 43.2 80.2



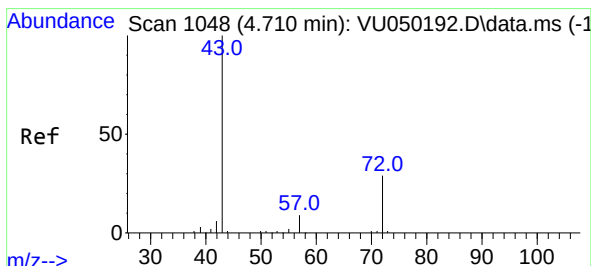
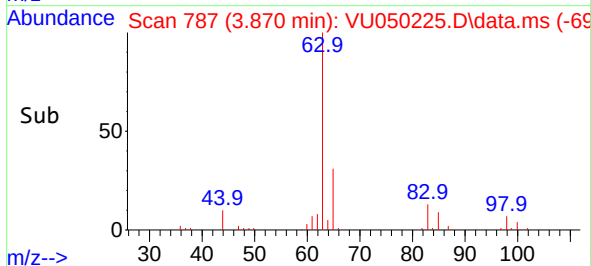
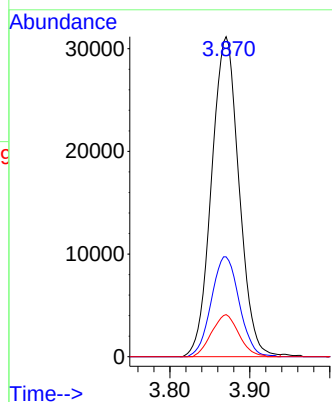


#19
1,1-Dichloroethane
Concen: 5.216 ug/L
RT: 3.870 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU050225.D
Acq: 11 Aug 2022 11:26

Instrument :
MSVOA_U
ClientSampleId :

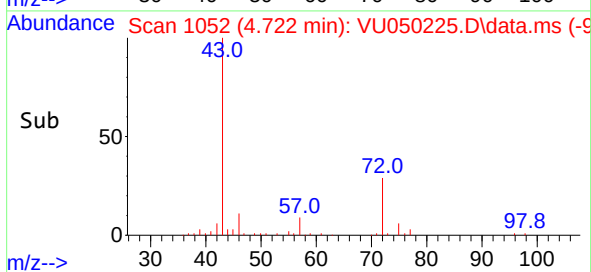
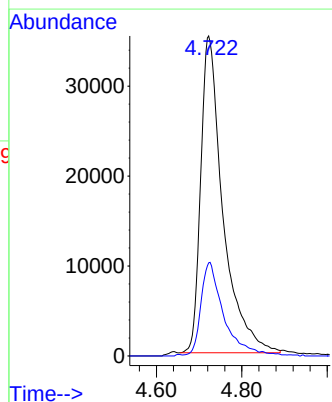
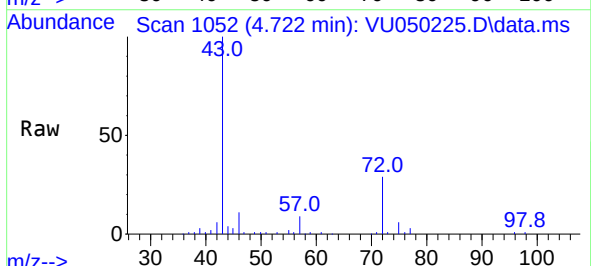


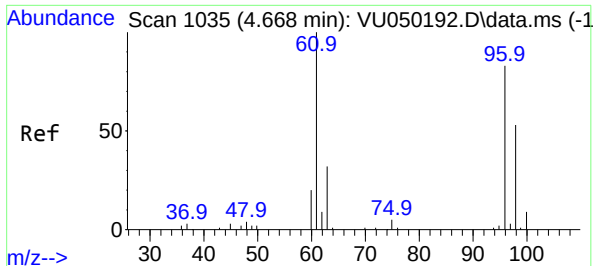
Tgt Ion: 63 Resp: 74220
Ion Ratio Lower Upper
63 100
65 31.2 22.7 42.3
83 13.1 9.8 18.2



#21
2-Butanone
Concen: 64.429 ug/L
RT: 4.722 min Scan# 1052
Delta R.T. 0.013 min
Lab File: VU050225.D
Acq: 11 Aug 2022 11:26

Tgt Ion: 43 Resp: 127131
Ion Ratio Lower Upper
43 100
72 28.7 14.0 42.0

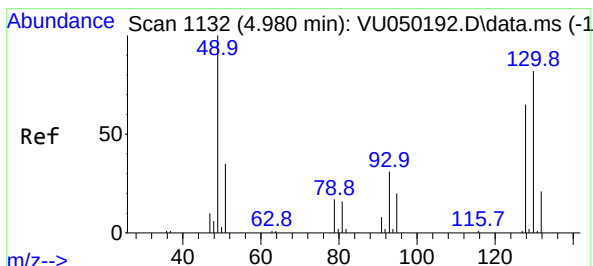
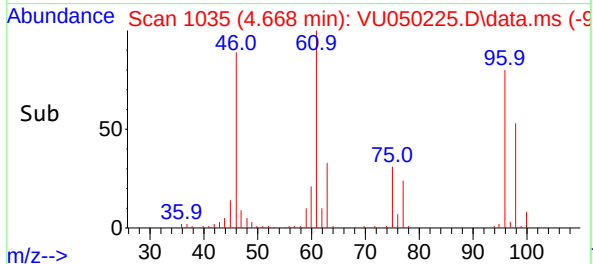
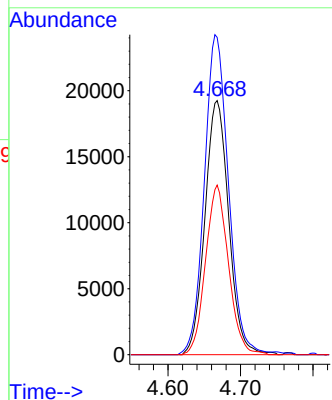
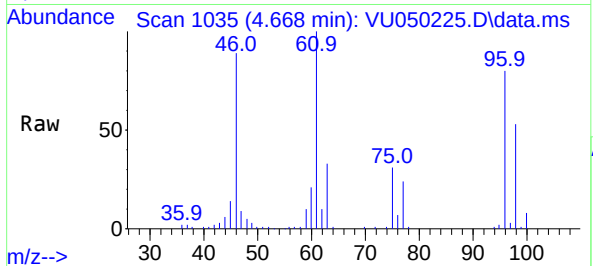




#22
cis-1,2-Dichloroethene
Concen: 5.277 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VU050225.D
Acq: 11 Aug 2022 11:26

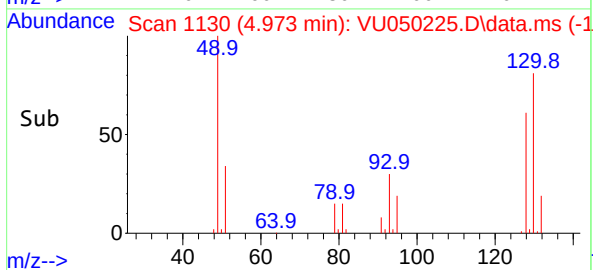
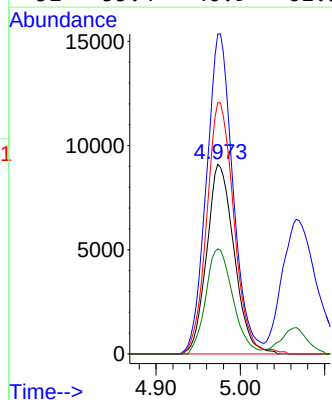
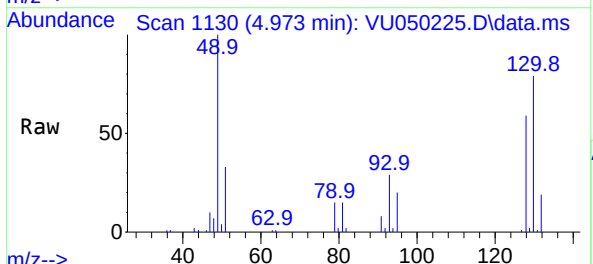
Instrument :
MSVOA_U
ClientSampleId :

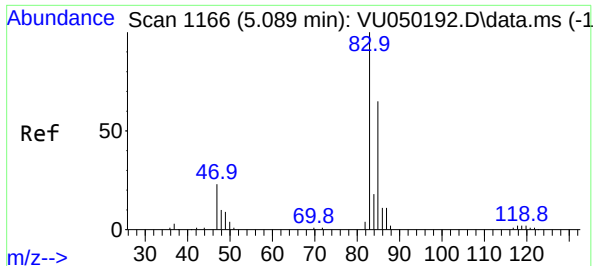
Tgt Ion: 96 Resp: 44011
Ion Ratio Lower Upper
96 100
61 124.9 89.0 165.4
98 66.8 45.2 84.0



#23
Bromochloromethane
Concen: 5.144 ug/L
RT: 4.973 min Scan# 1130
Delta R.T. -0.007 min
Lab File: VU050225.D
Acq: 11 Aug 2022 11:26

Tgt Ion:128 Resp: 20505
Ion Ratio Lower Upper
128 100
49 168.7 111.4 206.8
130 132.6 90.2 167.4
51 55.4 40.9 61.3





#25

Chloroform

Concen: 5.125 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU050225.D

Acq: 11 Aug 2022 11:26

Instrument :

MSVOA_U

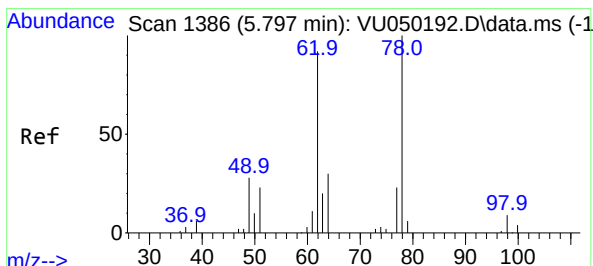
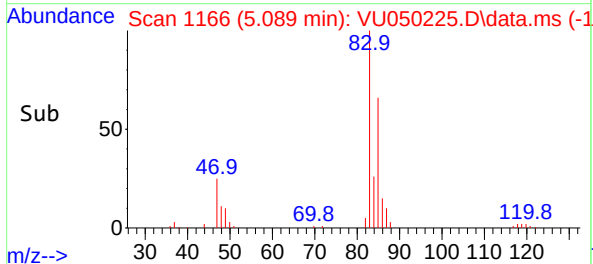
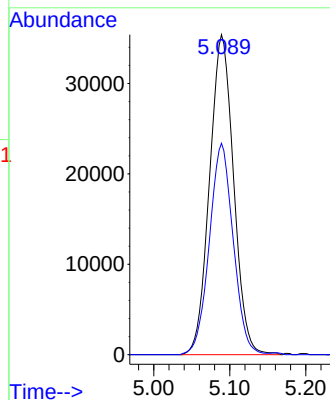
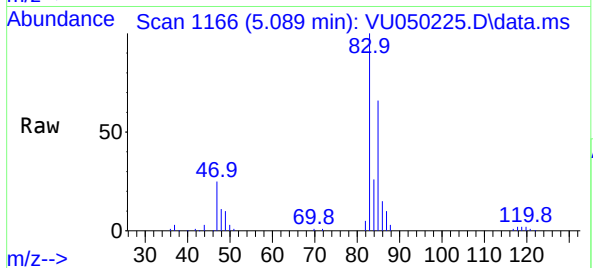
ClientSampleId :

Tgt Ion: 83 Resp: 77744

Ion Ratio Lower Upper

83 100

85 66.1 46.1 85.5



#27

1,2-Dichloroethane

Concen: 5.398 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU050225.D

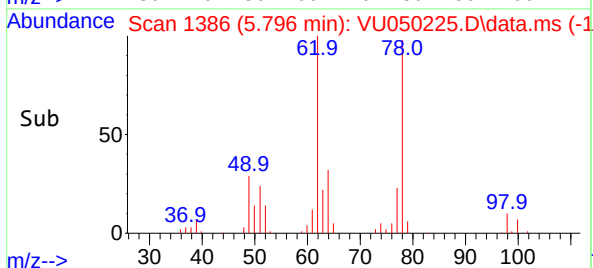
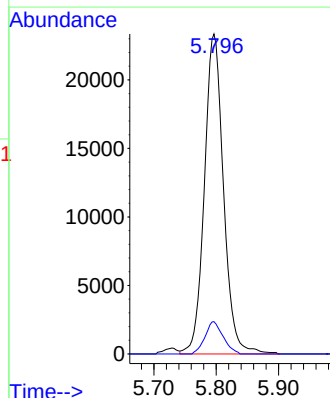
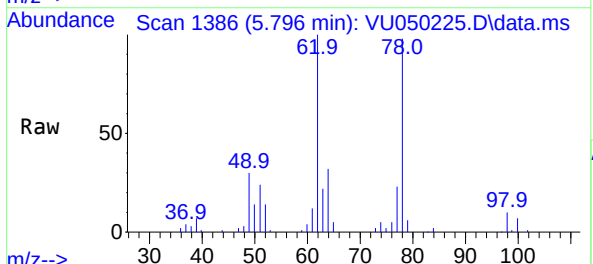
Acq: 11 Aug 2022 11:26

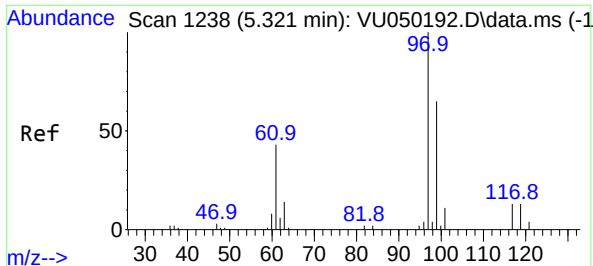
Tgt Ion: 62 Resp: 49839

Ion Ratio Lower Upper

62 100

98 10.1 7.8 11.8

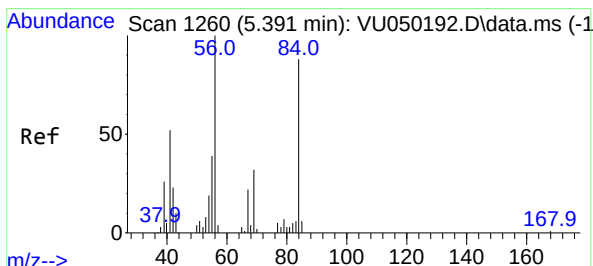
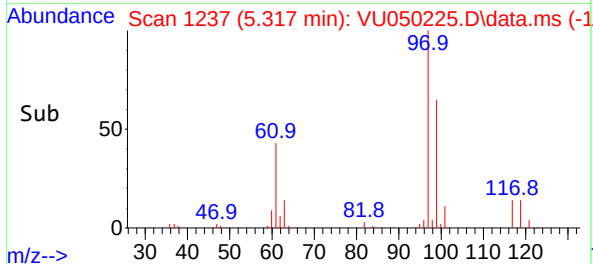
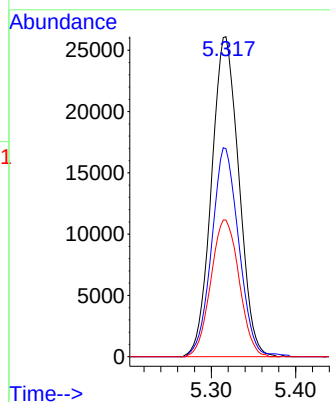
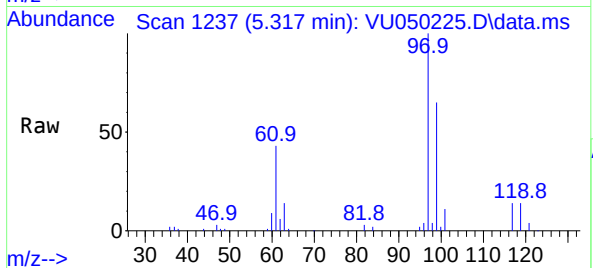




#29
1,1,1-Trichloroethane
Concen: 5.038 ug/L
RT: 5.317 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU050225.D
Acq: 11 Aug 2022 11:26

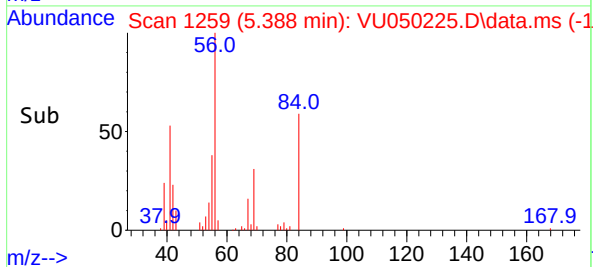
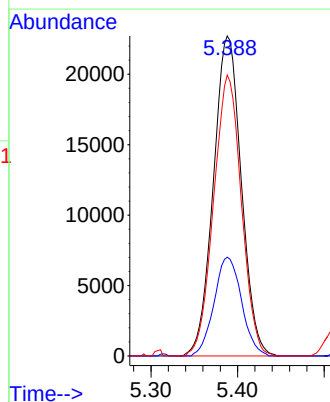
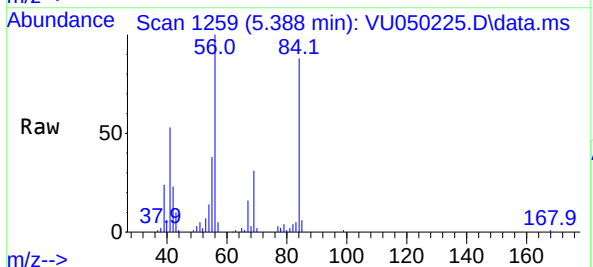
Instrument :
MSVOA_U
ClientSampleId :

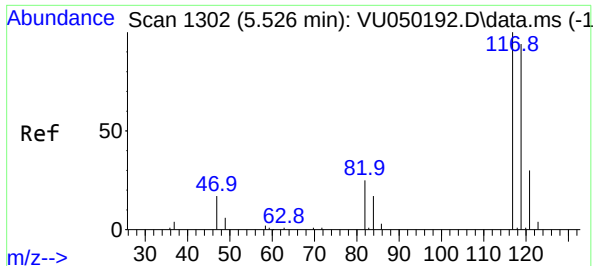
Tgt Ion: 97 Resp: 58762
Ion Ratio Lower Upper
97 100
99 64.9 51.5 77.3
61 44.2 34.2 51.4



#30
Cyclohexane
Concen: 5.008 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VU050225.D
Acq: 11 Aug 2022 11:26

Tgt Ion: 56 Resp: 50885
Ion Ratio Lower Upper
56 100
69 30.4 24.6 37.0
84 87.0 69.1 103.7

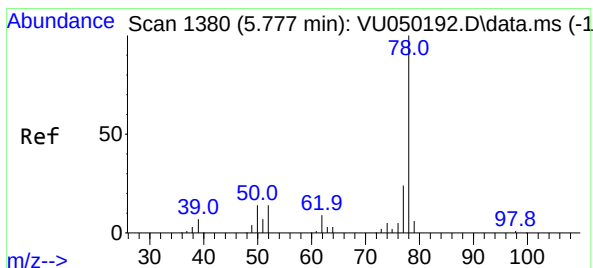
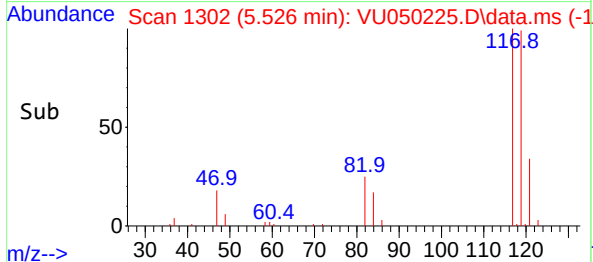
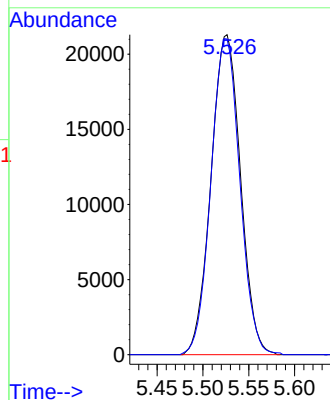
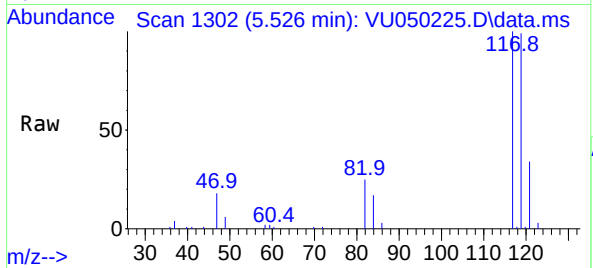




#31
Carbon tetrachloride
Concen: 4.979 ug/L
RT: 5.526 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU050225.D
Acq: 11 Aug 2022 11:26

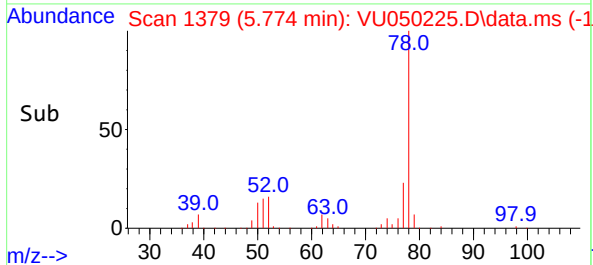
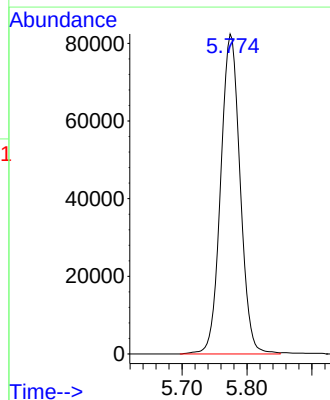
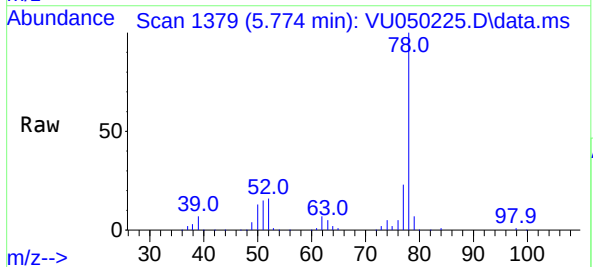
Instrument :
MSVOA_U
ClientSampleId :

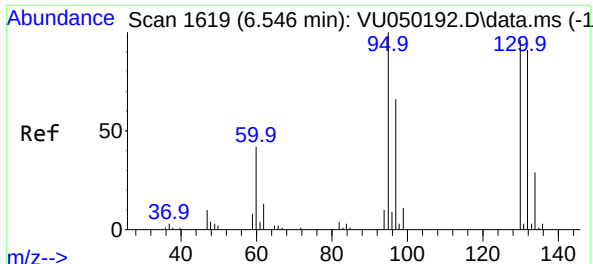
Tgt Ion:117 Resp: 47600
Ion Ratio Lower Upper
117 100
119 97.0 76.0 114.0



#33
Benzene
Concen: 5.125 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.003 min
Lab File: VU050225.D
Acq: 11 Aug 2022 11:26

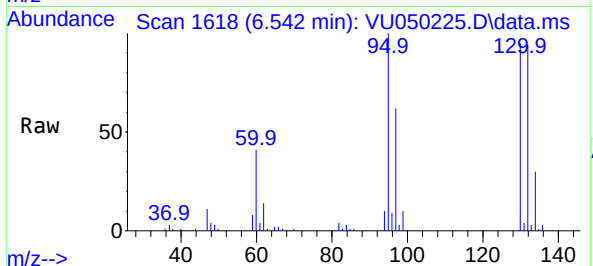
Tgt Ion: 78 Resp: 170708





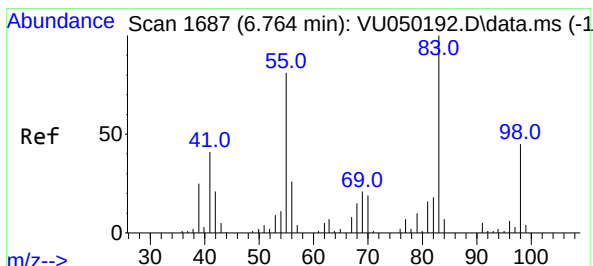
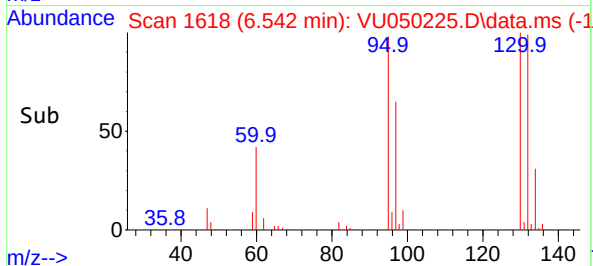
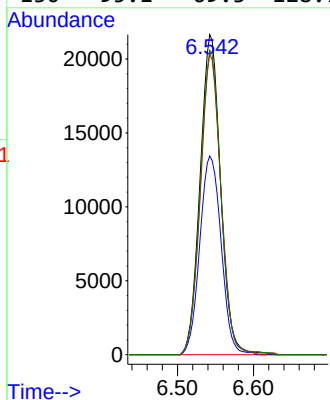
#34
Trichloroethene
Concen: 5.030 ug/L
RT: 6.542 min Scan# 1619
Delta R.T. -0.004 min
Lab File: VU050225.D
Acq: 11 Aug 2022 11:26

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 40527

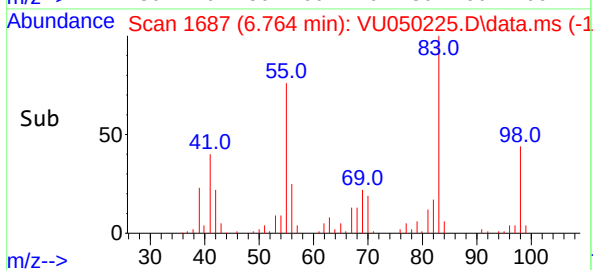
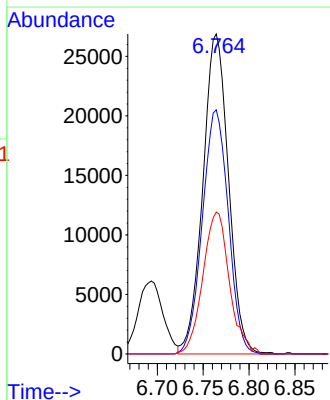
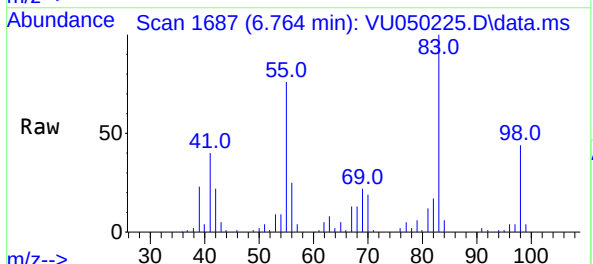
Ion	Ratio	Lower	Upper
95	100		
97	62.1	45.6	84.8
132	94.0	65.0	120.6
130	95.1	69.3	128.7

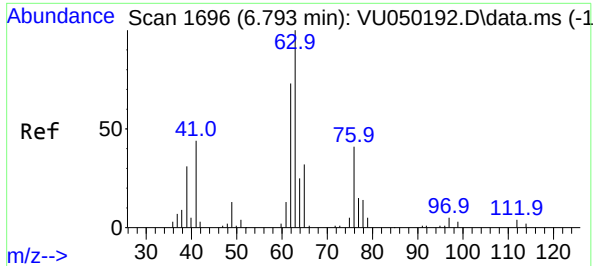


#35
Methylcyclohexane
Concen: 5.020 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VU050225.D
Acq: 11 Aug 2022 11:26

Tgt Ion: 83 Resp: 52207

Ion	Ratio	Lower	Upper
83	100		
55	77.2	62.7	94.1
98	45.9	36.2	54.2

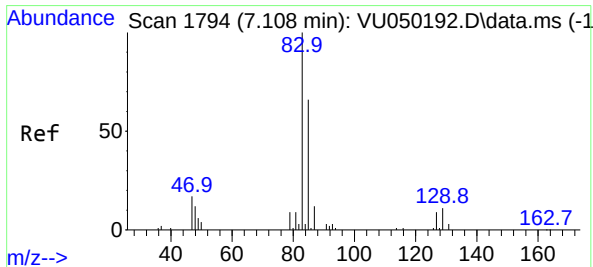
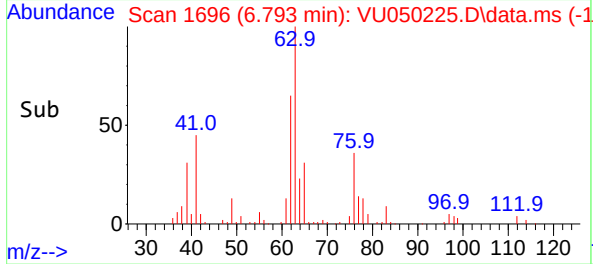
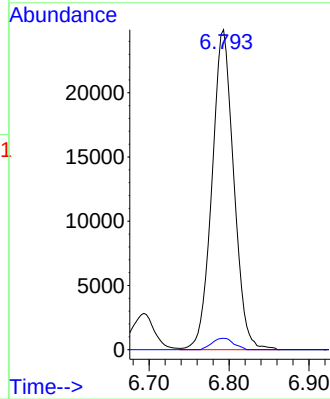
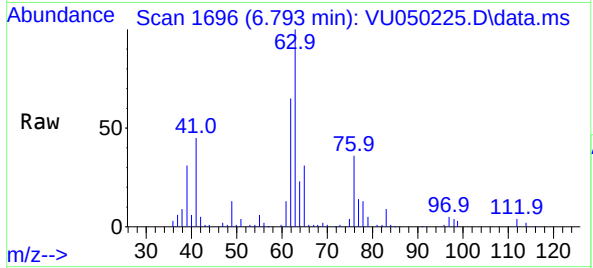




#37
1,2-Dichloropropane
Concen: 5.313 ug/L
RT: 6.793 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU050225.D
Acq: 11 Aug 2022 11:26

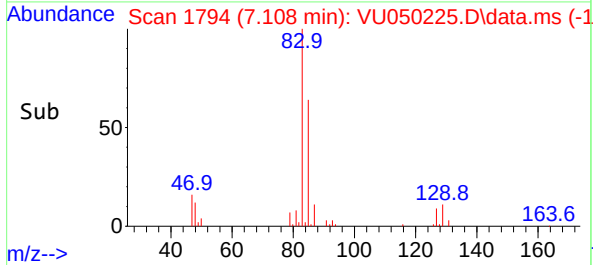
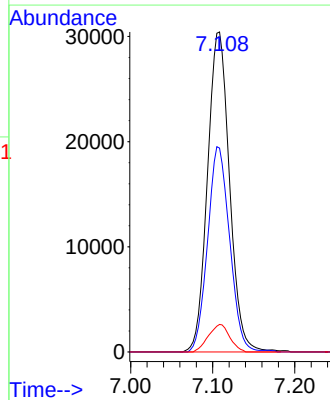
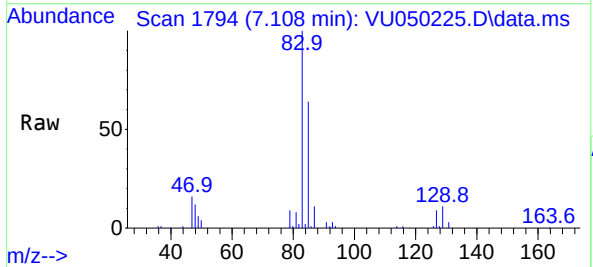
Instrument :
MSVOA_U
ClientSampleId :

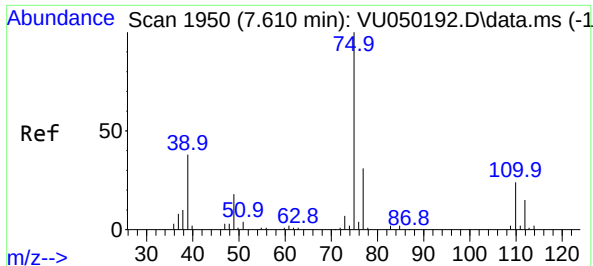
Tgt Ion: 63 Resp: 47143
Ion Ratio Lower Upper
63 100
112 3.5 3.0 4.4



#38
Bromodichloromethane
Concen: 5.270 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VU050225.D
Acq: 11 Aug 2022 11:26

Tgt Ion: 83 Resp: 56799
Ion Ratio Lower Upper
83 100
85 63.7 45.1 83.7
127 8.6 6.8 10.2

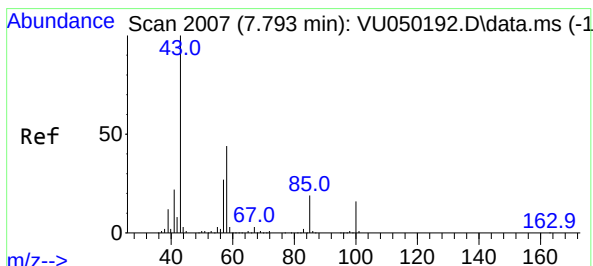
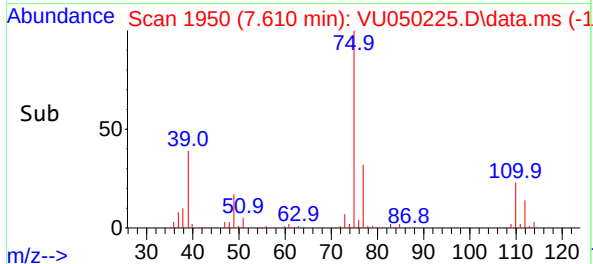
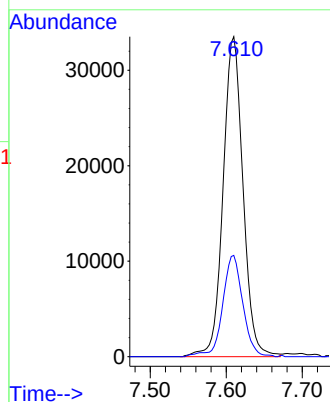
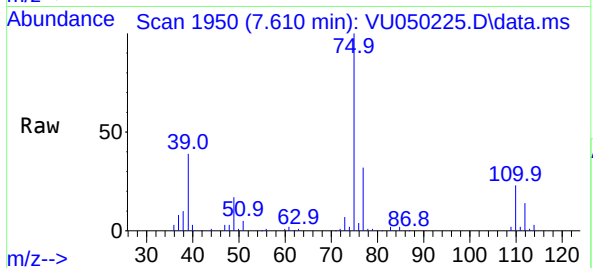




#39
 cis-1,3-Dichloropropene
 Concen: 5.268 ug/L
 RT: 7.610 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VU050225.D
 Acq: 11 Aug 2022 11:26

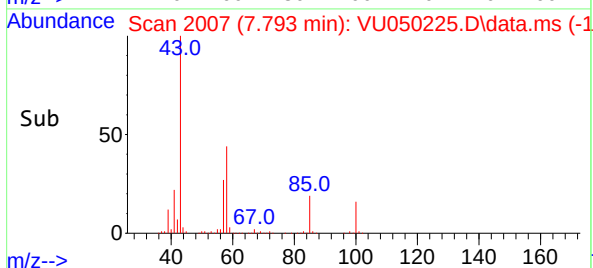
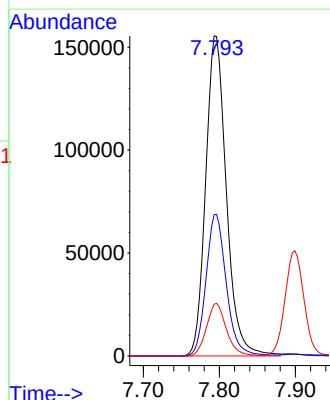
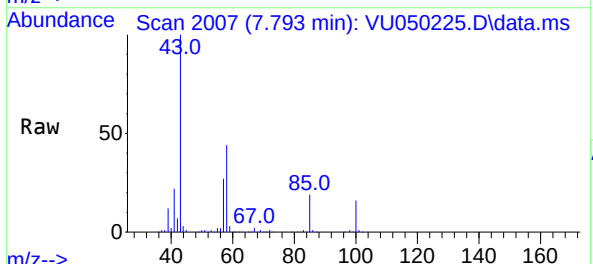
Instrument :
 MSVOA_U
 ClientSampleId :

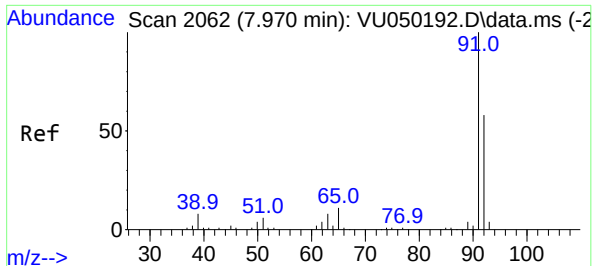
Tgt Ion: 75 Resp: 60995
 Ion Ratio Lower Upper
 75 100
 77 31.6 21.8 40.4



#40
 4-Methyl-2-pentanone
 Concen: 57.165 ug/L
 RT: 7.793 min Scan# 2007
 Delta R.T. -0.000 min
 Lab File: VU050225.D
 Acq: 11 Aug 2022 11:26

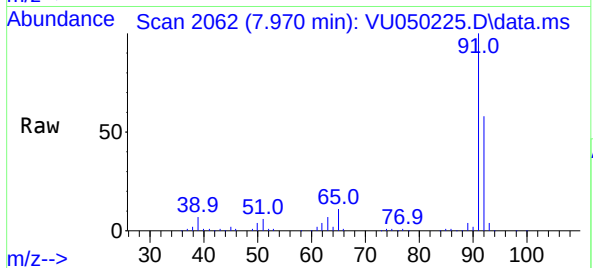
Tgt Ion: 43 Resp: 293780
 Ion Ratio Lower Upper
 43 100
 58 43.4 34.6 51.8
 100 15.8 13.0 19.4



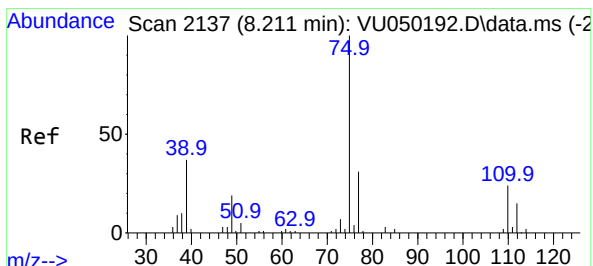
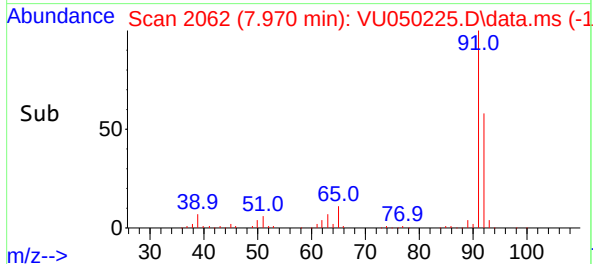
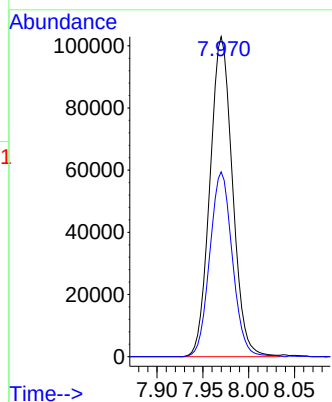


#42
Toluene
Concen: 5.277 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU050225.D
Acq: 11 Aug 2022 11:26

Instrument :
MSVOA_U
ClientSampleId :

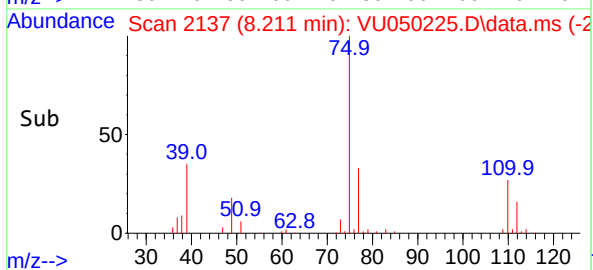
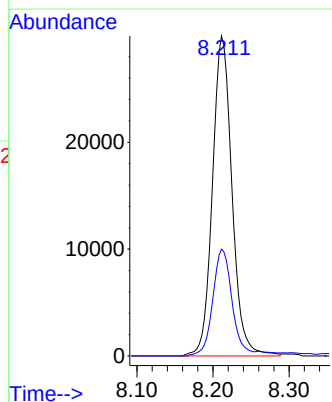
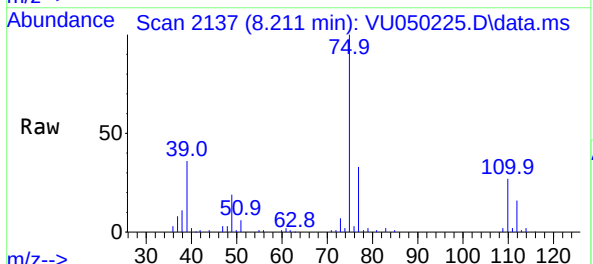


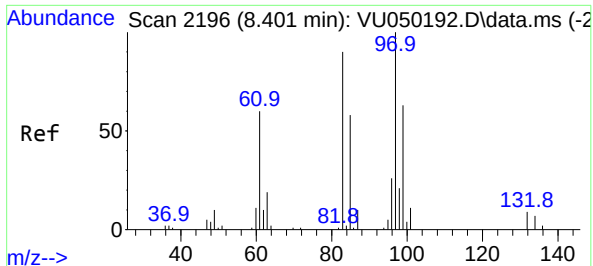
Tgt Ion: 91 Resp: 176306
Ion Ratio Lower Upper
91 100
92 57.7 39.8 74.0



#44
trans-1,3-Dichloropropene
Concen: 5.382 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VU050225.D
Acq: 11 Aug 2022 11:26

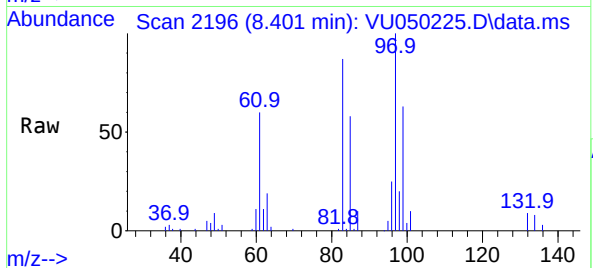
Tgt Ion: 75 Resp: 53453
Ion Ratio Lower Upper
75 100
77 33.4 22.0 40.8





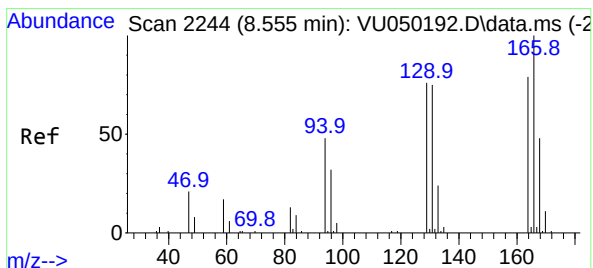
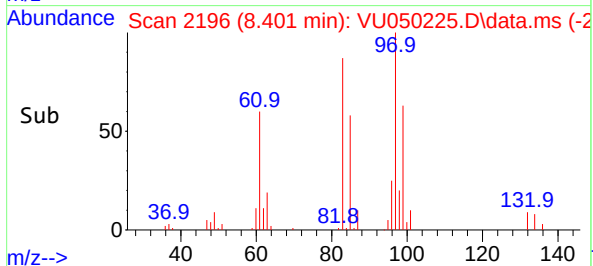
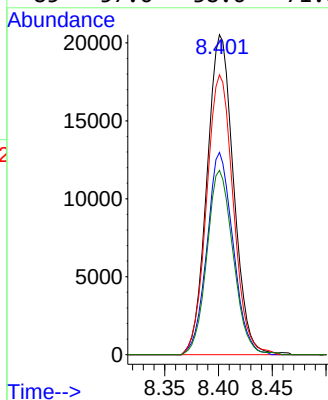
#45
1,1,2-Trichloroethane
Concen: 5.326 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU050225.D
Acq: 11 Aug 2022 11:26

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 97 Resp: 35322

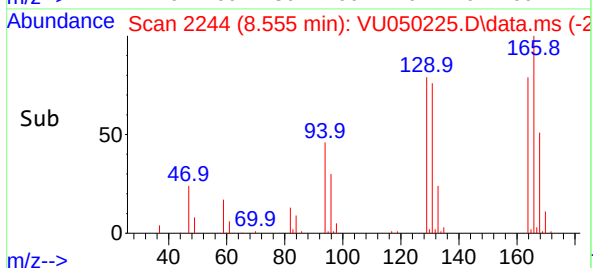
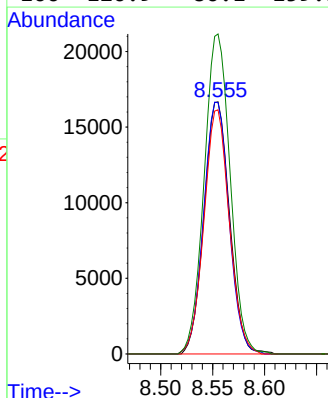
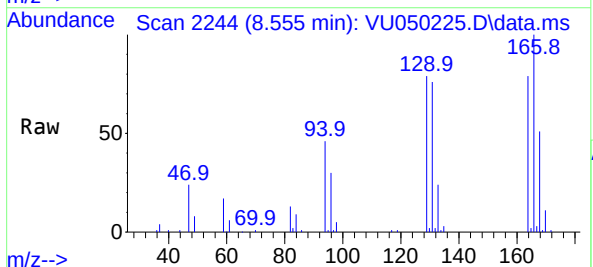
Ion	Ratio	Lower	Upper
97	100		
99	63.2	42.2	78.4
83	87.5	59.6	110.6
85	57.6	38.6	71.8

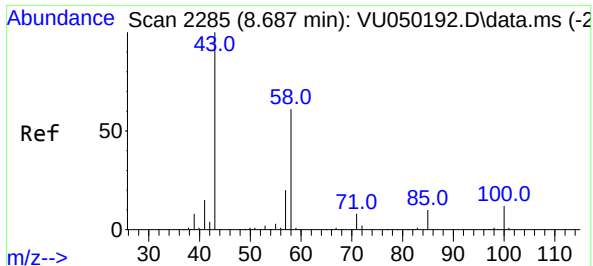


#47
Tetrachloroethene
Concen: 4.944 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU050225.D
Acq: 11 Aug 2022 11:26

Tgt Ion: 164 Resp: 28541

Ion	Ratio	Lower	Upper
164	100		
129	99.7	69.0	128.1
131	96.9	65.8	122.2
166	126.9	86.1	159.9

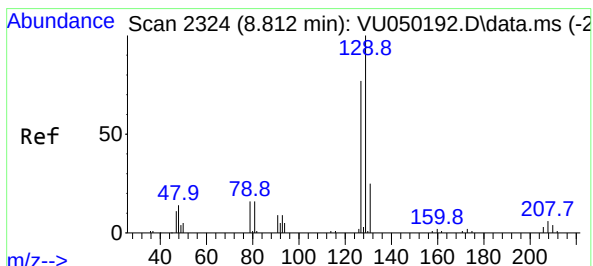
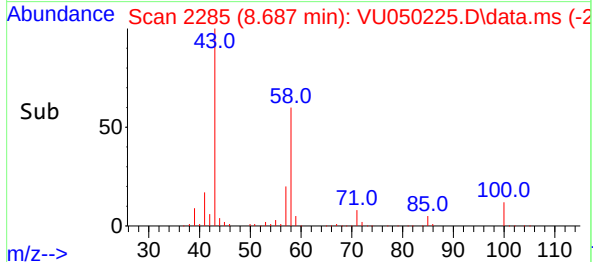
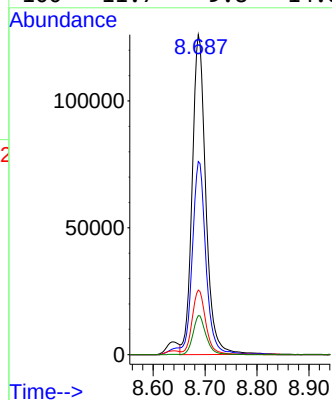
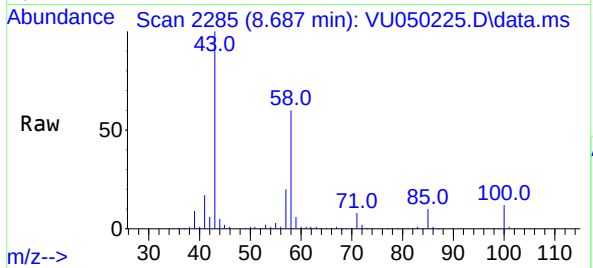




#48
2-Hexanone
Concen: 57.856 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050225.D
Acq: 11 Aug 2022 11:26

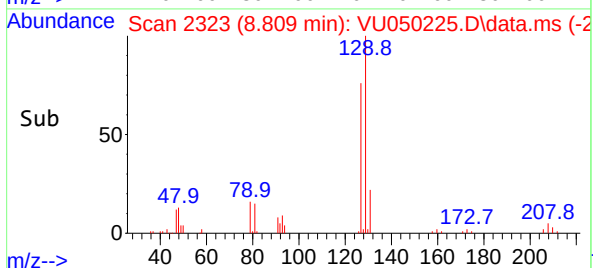
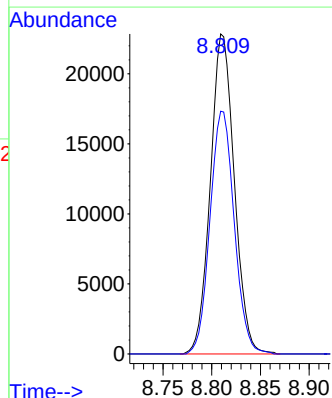
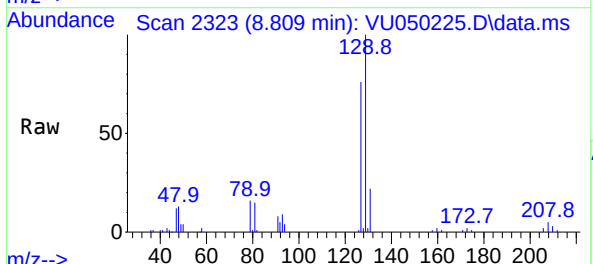
Instrument :
MSVOA_U
ClientSampleId :

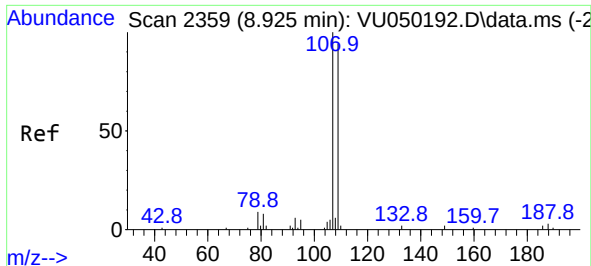
Tgt Ion: 43 Resp: 229969
Ion Ratio Lower Upper
43 100
58 61.7 50.6 76.0
57 19.9 16.0 24.0
100 11.7 9.8 14.8



#49
Dibromochloromethane
Concen: 5.322 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU050225.D
Acq: 11 Aug 2022 11:26

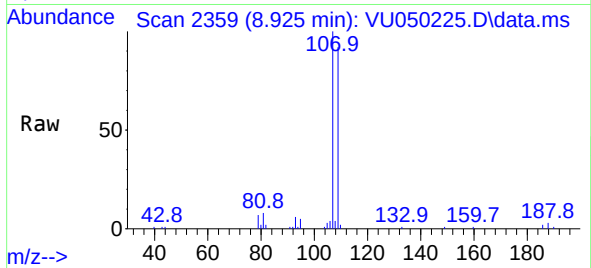
Tgt Ion: 129 Resp: 39066
Ion Ratio Lower Upper
129 100
127 75.8 55.3 102.7



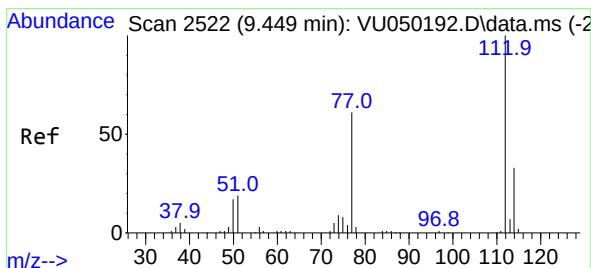
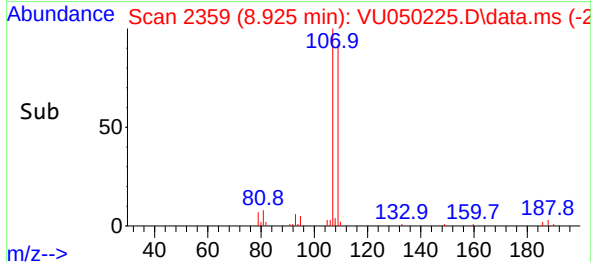
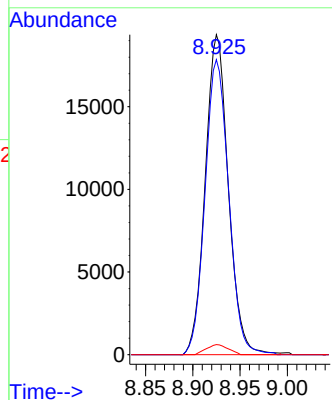


#50
1,2-Dibromoethane
Concen: 5.476 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050225.D
Acq: 11 Aug 2022 11:26

Instrument :
MSVOA_U
ClientSampleId :

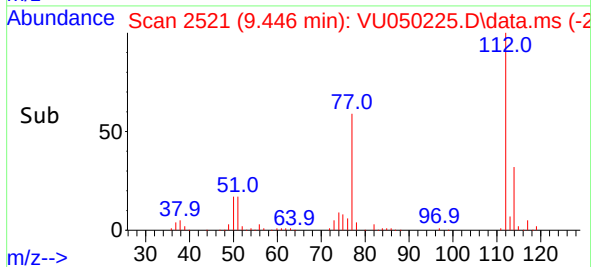
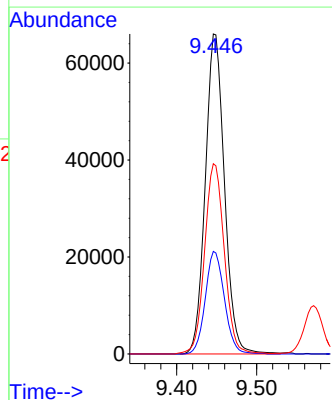
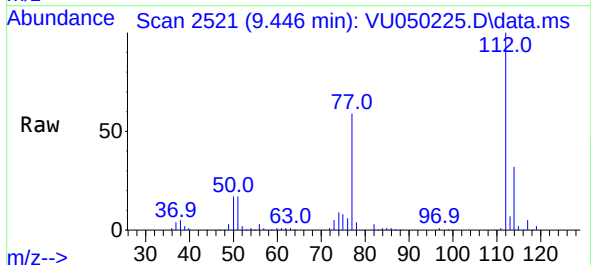


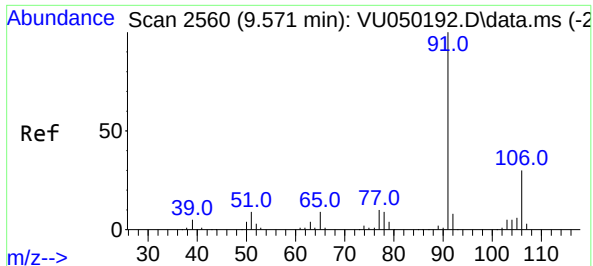
Tgt Ion:107 Resp: 32933
Ion Ratio Lower Upper
107 100
109 92.2 66.6 123.6
188 3.2 2.7 4.1



#51
Chlorobenzene
Concen: 5.248 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU050225.D
Acq: 11 Aug 2022 11:26

Tgt Ion:112 Resp: 110311
Ion Ratio Lower Upper
112 100
114 32.1 22.1 41.1
77 59.4 46.3 69.5

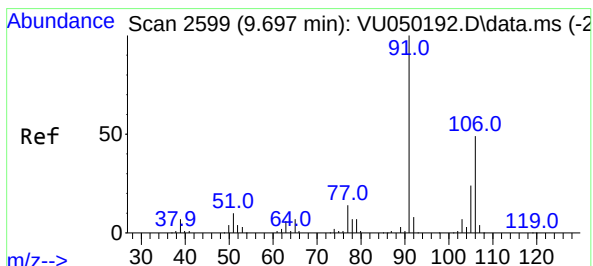
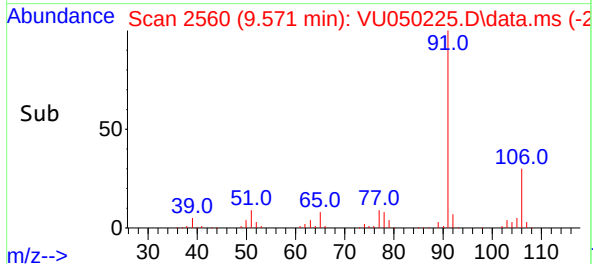
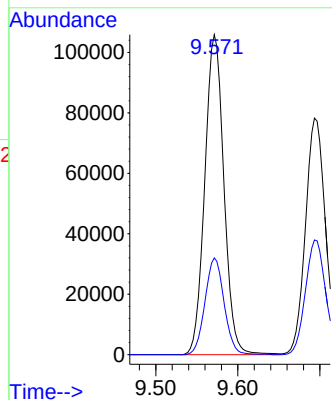
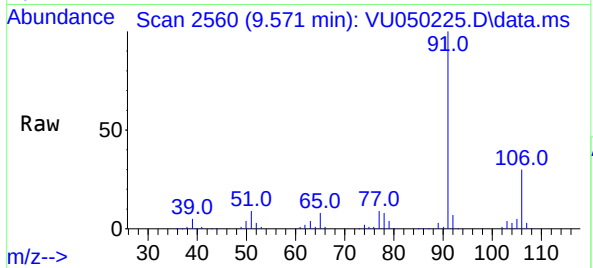




#52
Ethylbenzene
Concen: 5.262 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU050225.D
Acq: 11 Aug 2022 11:26

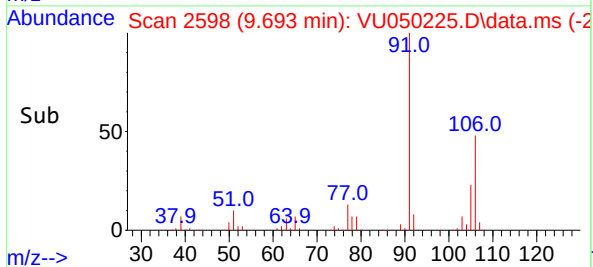
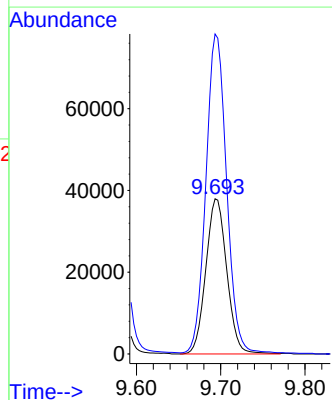
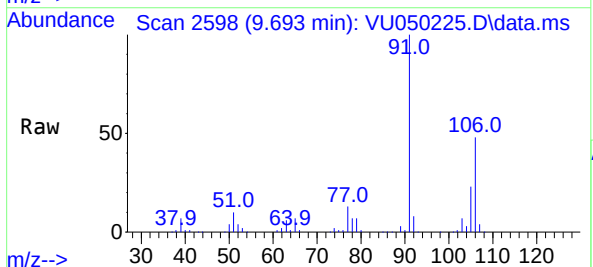
Instrument :
MSVOA_U
ClientSampleId :

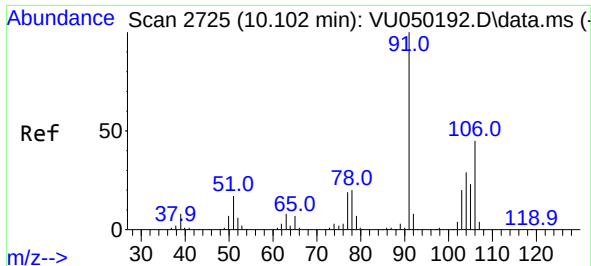
Tgt Ion: 91 Resp: 171550
Ion Ratio Lower Upper
91 100
106 30.2 21.3 39.5



#53
m,p-Xylene
Concen: 5.475 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU050225.D
Acq: 11 Aug 2022 11:26

Tgt Ion: 106 Resp: 65727
Ion Ratio Lower Upper
106 100
91 206.2 143.1 265.9

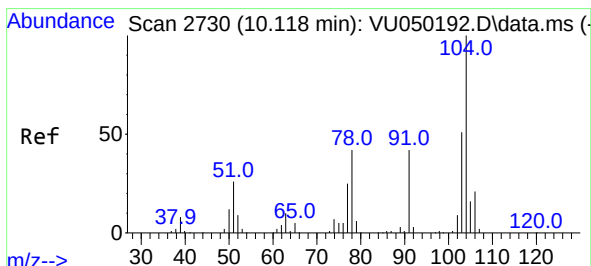
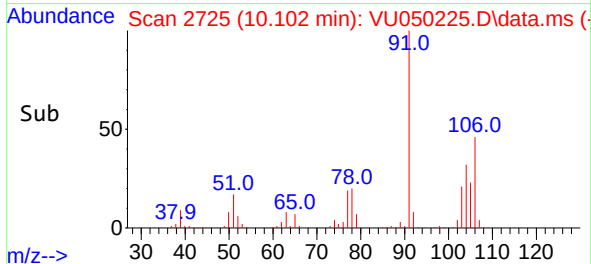
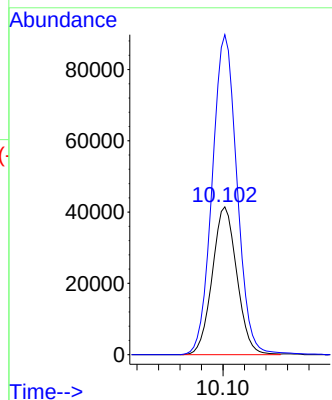
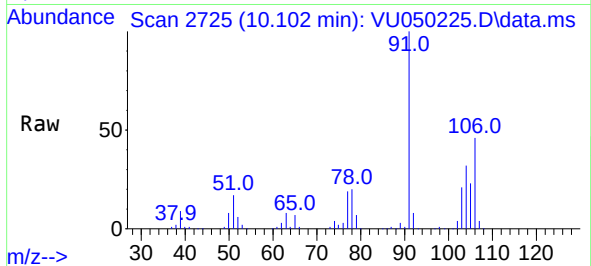




#54
o-Xylene
Concen: 5.501 ug/L
RT: 10.102 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050225.D
Acq: 11 Aug 2022 11:26

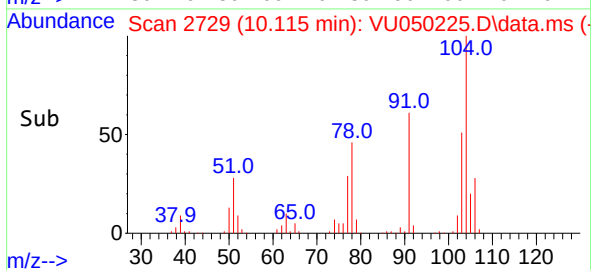
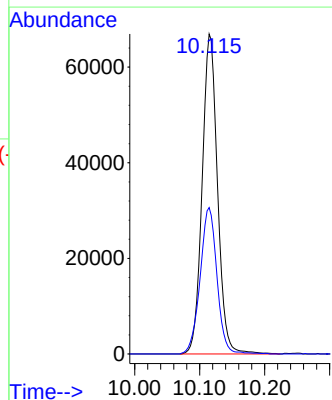
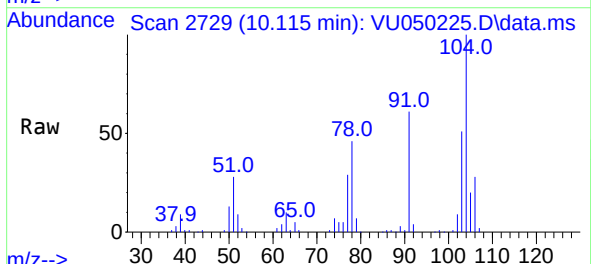
Instrument :
MSVOA_U
ClientSampleId :

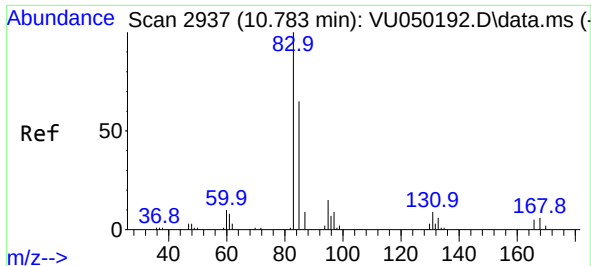
Tgt Ion:106 Resp: 65925
Ion Ratio Lower Upper
106 100
91 216.3 149.4 277.4



#55
Styrene
Concen: 5.517 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU050225.D
Acq: 11 Aug 2022 11:26

Tgt Ion:104 Resp: 110460
Ion Ratio Lower Upper
104 100
78 45.7 31.9 59.3

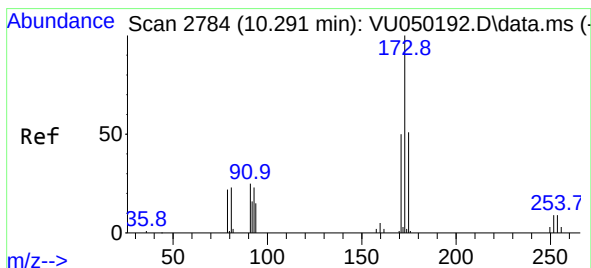
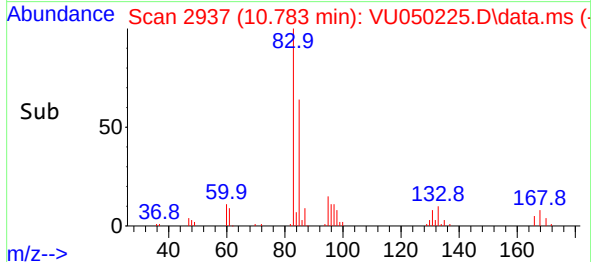
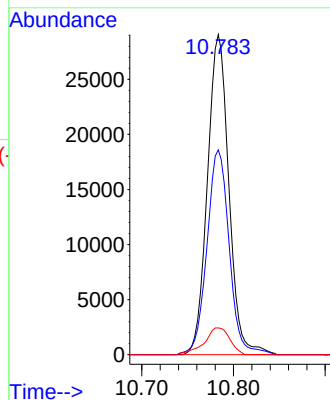
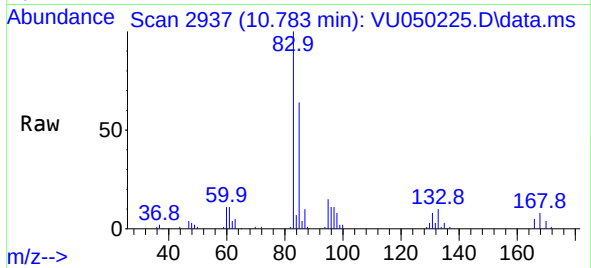




#57
1,1,2,2-Tetrachloroethane
Concen: 5.419 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU050225.D
Acq: 11 Aug 2022 11:26

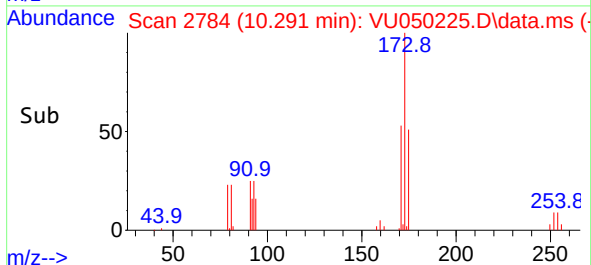
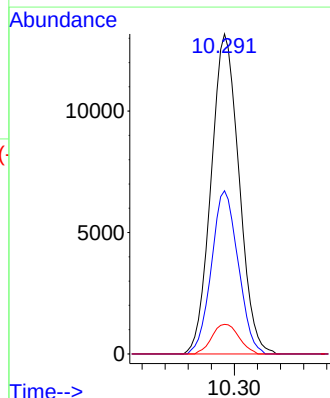
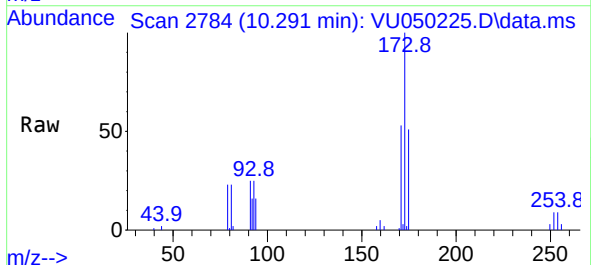
Instrument :
MSVOA_U
ClientSampleId :

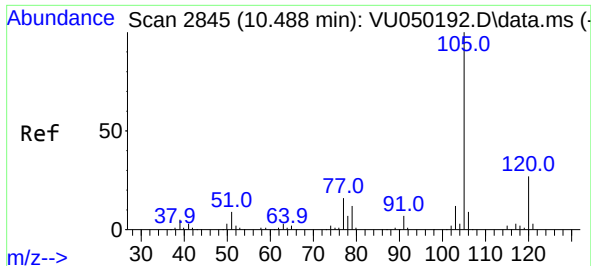
Tgt Ion: 83 Resp: 47229
Ion Ratio Lower Upper
83 100
85 64.0 45.2 84.0
131 8.4 6.6 9.8



#59
Bromoform
Concen: 4.746 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU050225.D
Acq: 11 Aug 2022 11:26

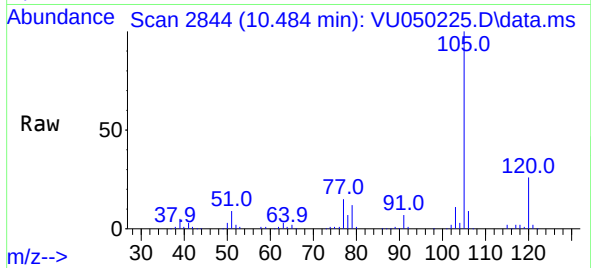
Tgt Ion:173 Resp: 22078
Ion Ratio Lower Upper
173 100
175 48.9 37.0 55.6
254 9.0 7.4 11.0



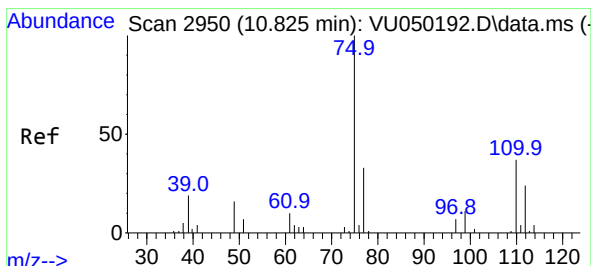
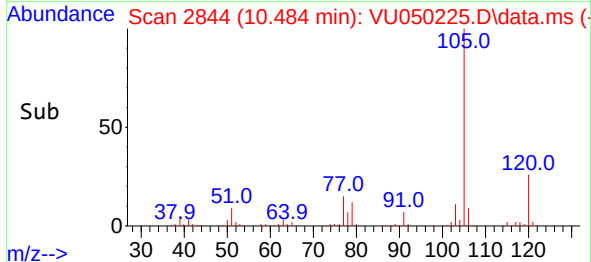
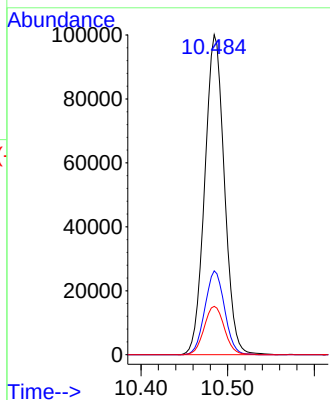


#60
Isopropylbenzene
Concen: 5.081 ug/L
RT: 10.484 min Scan# 2845
Delta R.T. -0.003 min
Lab File: VU050225.D
Acq: 11 Aug 2022 11:26

Instrument :
MSVOA_U
ClientSampleId :

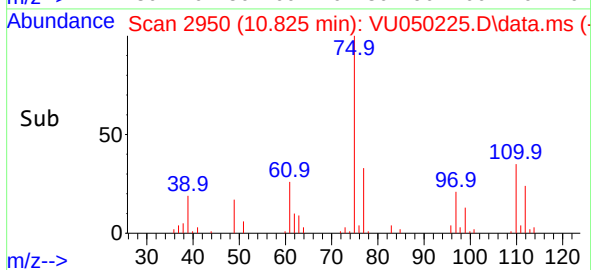
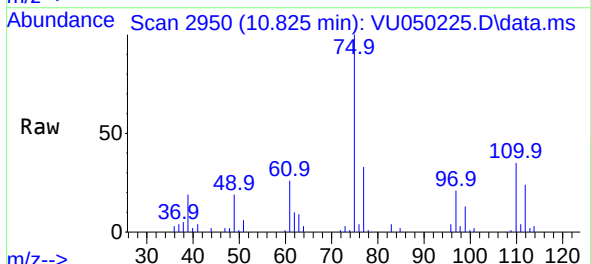
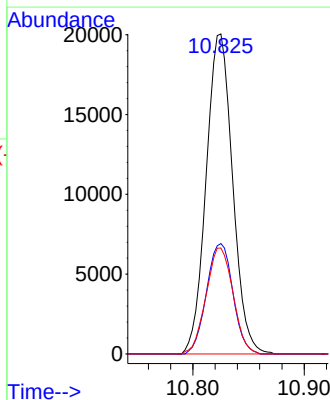


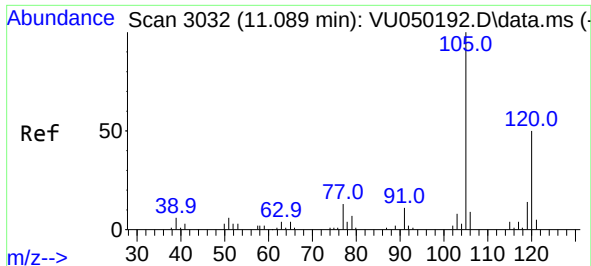
Tgt Ion:105 Resp: 157413
Ion Ratio Lower Upper
105 100
120 26.3 20.8 31.2
77 15.6 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.231 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU050225.D
Acq: 11 Aug 2022 11:26

Tgt Ion: 75 Resp: 33054
Ion Ratio Lower Upper
75 100
110 34.3 28.5 42.7
77 33.7 25.8 38.6

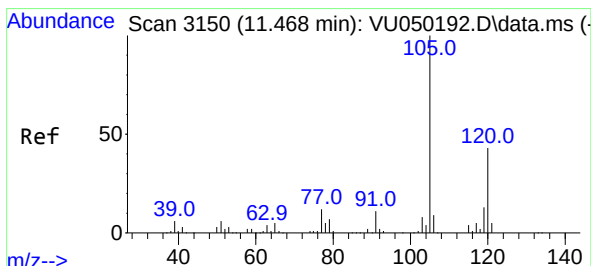
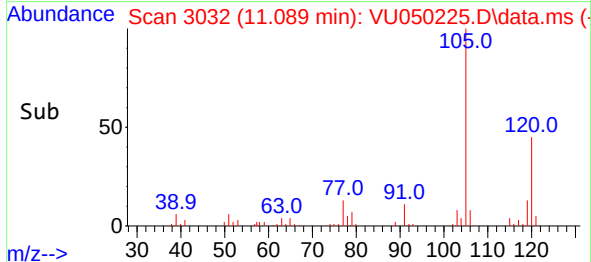
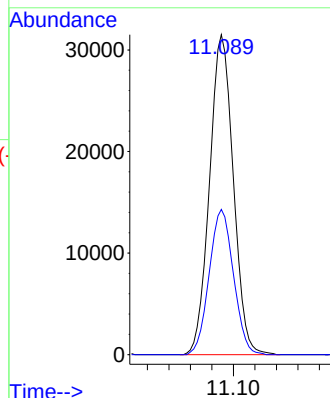
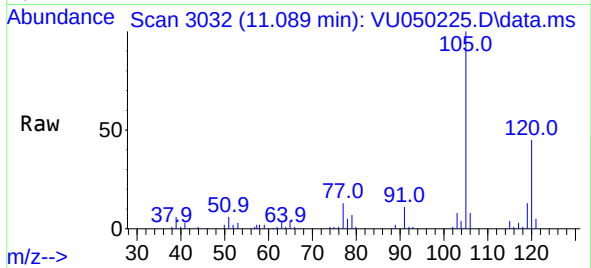




#62
1,3,5-Trimethylbenzene
Concen: 5.530 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU050225.D
Acq: 11 Aug 2022 11:26

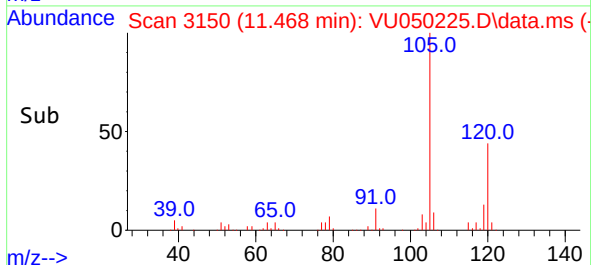
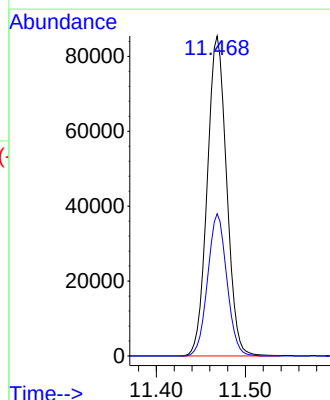
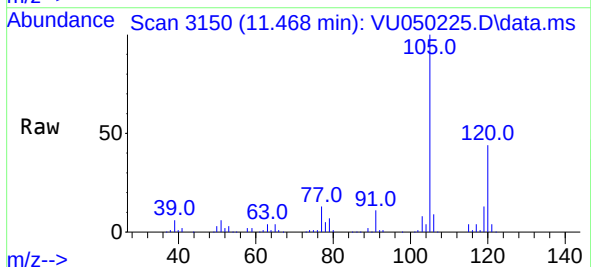
Instrument :
MSVOA_U
ClientSampleId :

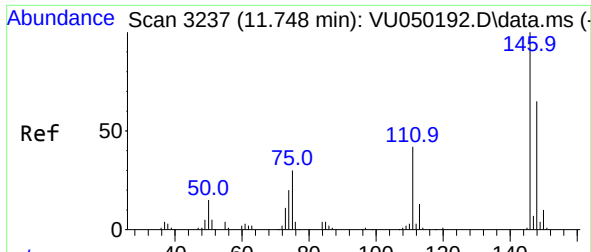
Tgt Ion:105 Resp: 48403
Ion Ratio Lower Upper
105 100
120 46.3 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 5.406 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU050225.D
Acq: 11 Aug 2022 11:26

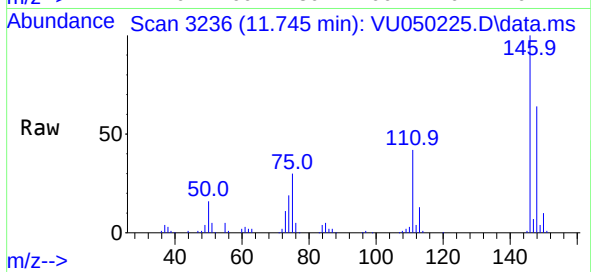
Tgt Ion:105 Resp: 128911
Ion Ratio Lower Upper
105 100
120 44.0 35.9 53.9



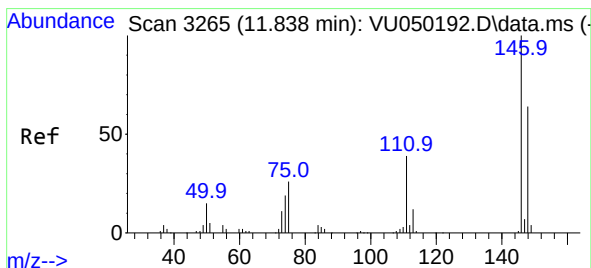
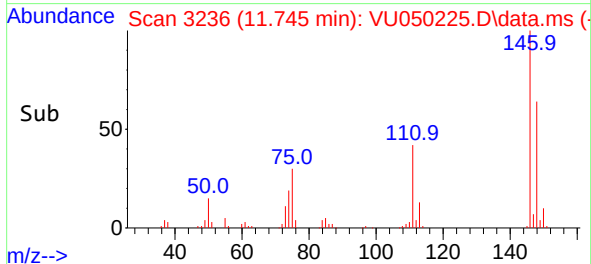
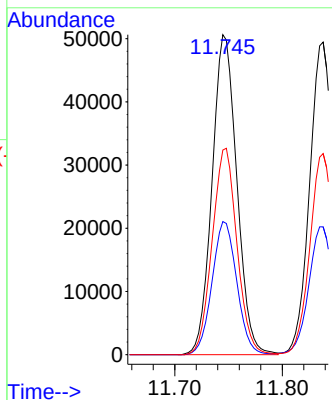


#64
1,3-Dichlorobenzene
Concen: 5.193 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU050225.D
Acq: 11 Aug 2022 11:26

Instrument :
MSVOA_U
ClientSampleId :

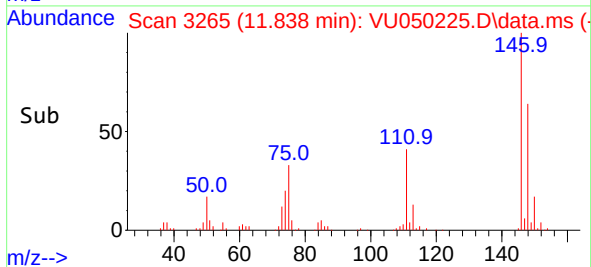
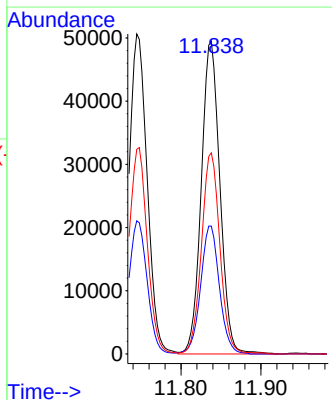
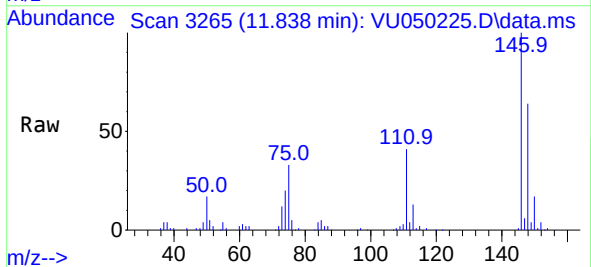


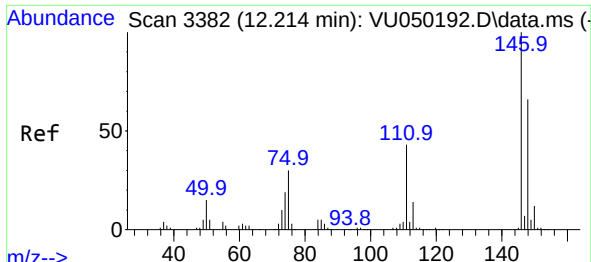
Tgt Ion:146 Resp: 81089
Ion Ratio Lower Upper
146 100
111 41.6 29.9 55.5
148 64.0 45.8 85.2



#65
1,4-Dichlorobenzene
Concen: 5.291 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU050225.D
Acq: 11 Aug 2022 11:26

Tgt Ion:146 Resp: 80396
Ion Ratio Lower Upper
146 100
111 40.9 28.1 52.1
148 64.3 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 5.249 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU050225.D

Acq: 11 Aug 2022 11:26

Instrument :

MSVOA_U

ClientSampleId :

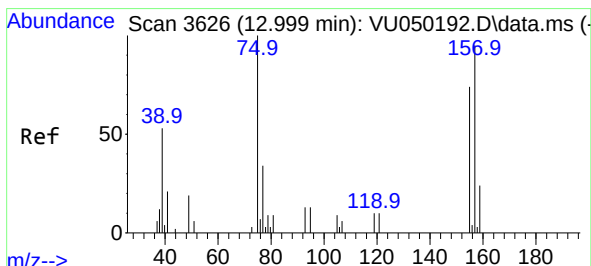
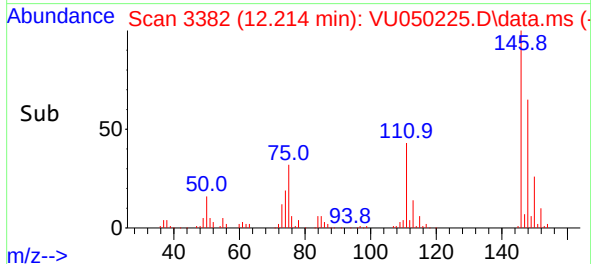
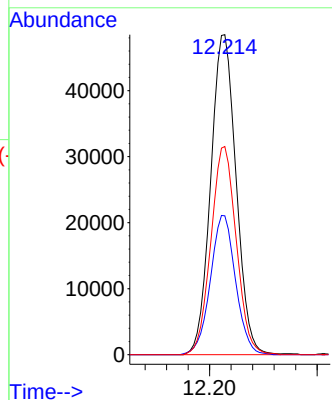
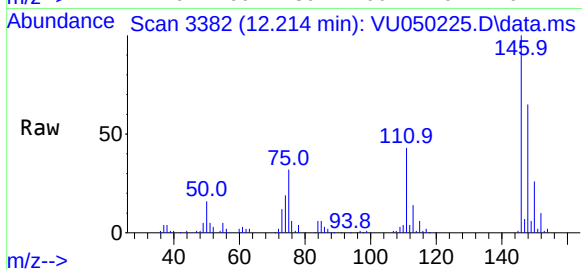
Tgt Ion:146 Resp: 79379

Ion Ratio Lower Upper

146 100

111 43.4 32.9 49.3

148 65.0 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.637 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU050225.D

Acq: 11 Aug 2022 11:26

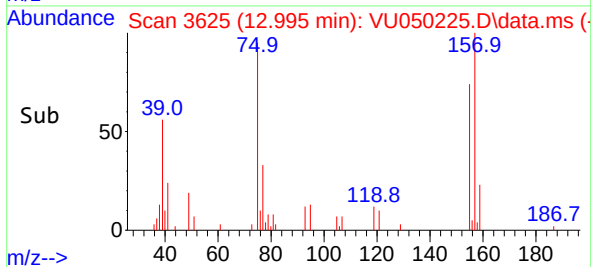
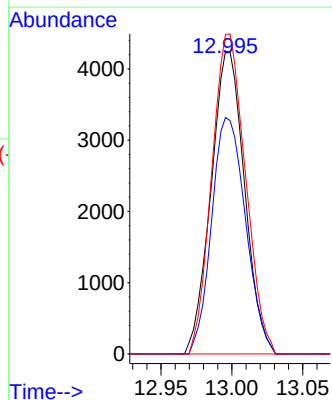
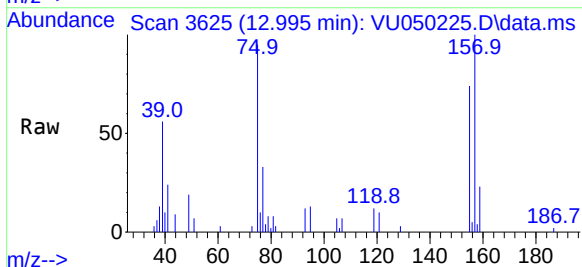
Tgt Ion: 75 Resp: 6984

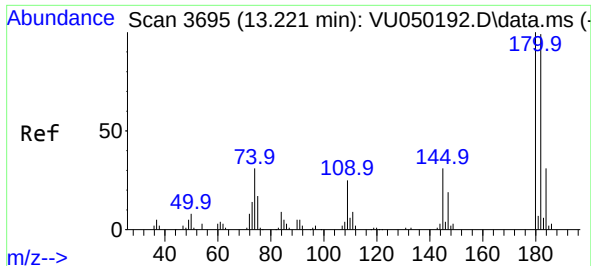
Ion Ratio Lower Upper

75 100

155 78.1 63.5 95.3

157 105.6 85.0 127.6





#69

1,3,5-Trichlorobenzene

Concen: 5.508 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. -0.000 min

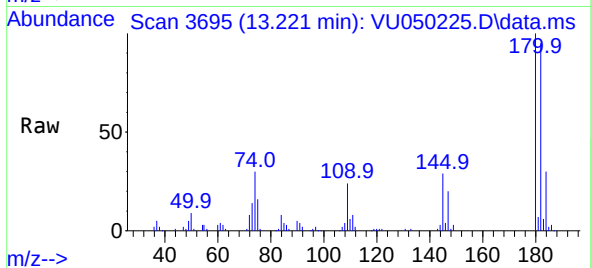
Lab File: VU050225.D

Acq: 11 Aug 2022 11:26

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 61271

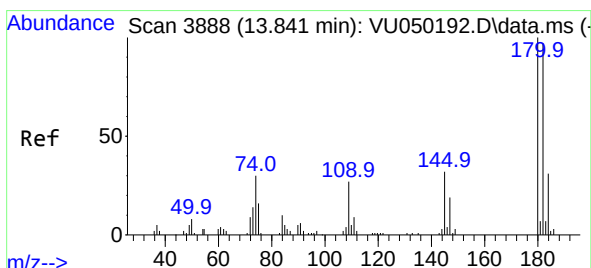
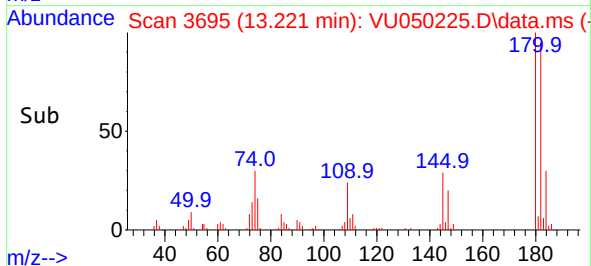
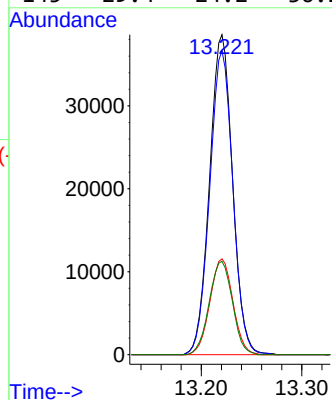
Ion Ratio Lower Upper

180 100

182 95.5 77.3 115.9

184 30.0 24.1 36.1

145 29.4 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 6.490 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU050225.D

Acq: 11 Aug 2022 11:26

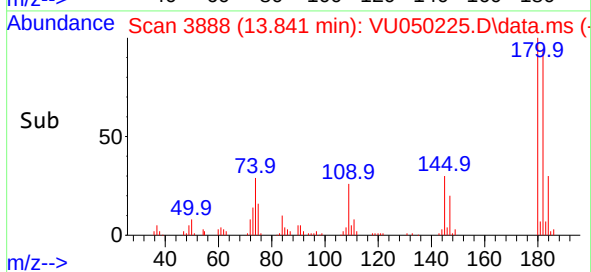
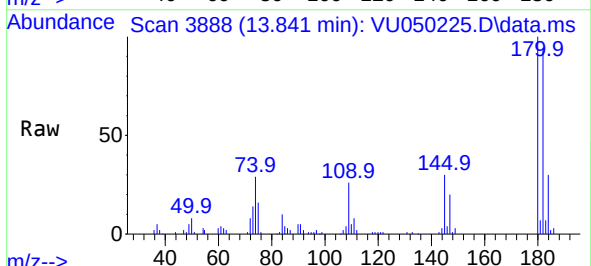
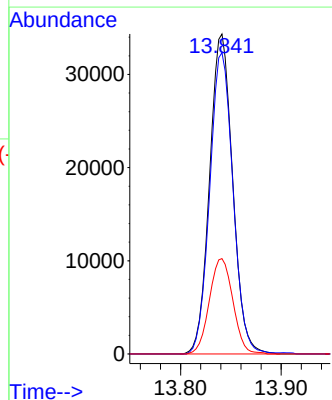
Tgt Ion:180 Resp: 54695

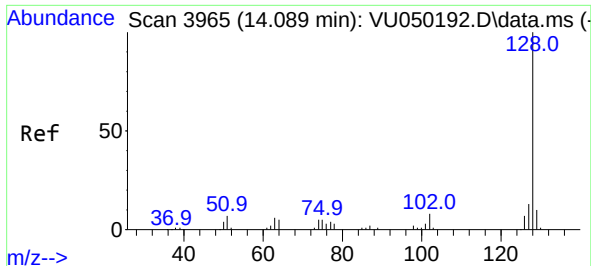
Ion Ratio Lower Upper

180 100

182 94.9 76.9 115.3

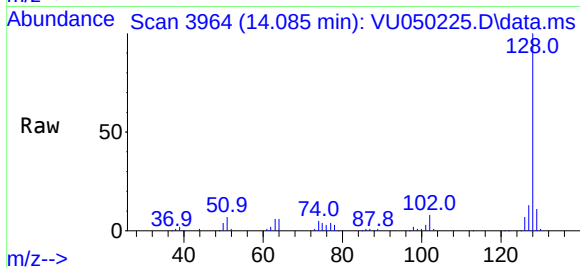
145 30.4 24.2 36.4



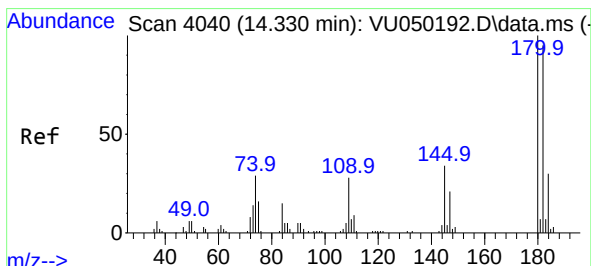
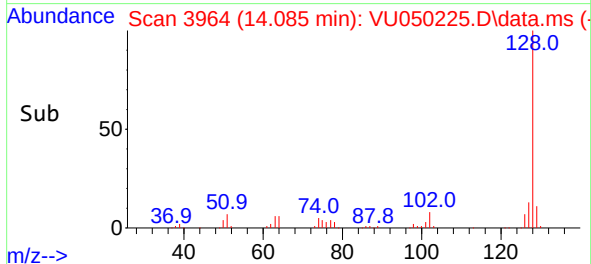
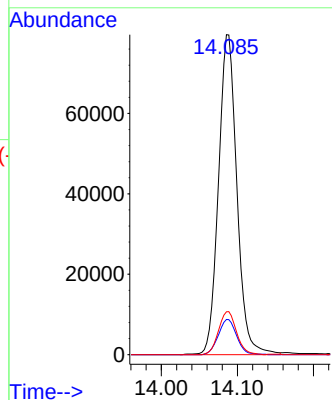


#71
Naphthalene
Concen: 7.745 ug/L
RT: 14.085 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU050225.D
Acq: 11 Aug 2022 11:26

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 133857
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.2 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 6.950 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU050225.D
Acq: 11 Aug 2022 11:26

Tgt Ion:180 Resp: 59375
Ion Ratio Lower Upper
180 100
182 93.8 77.5 116.3
145 33.1 25.8 38.6

