

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092322\
 Data File : VU050932.D
 Acq On : 23 Sep 2022 20:15
 Operator : JC/MD
 Sample : N4748-10MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESQS0MS

Quant Time: Sep 24 00:27:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 24 00:22:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	415384	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	408193	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	198168	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	156540	36.374	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.740%
7) Chloroethane-d5	1.912	69	137934	45.002	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.568	63	283133	42.280	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.560%
21) 2-Butanone-d5	4.626	46	310837	111.875	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.870%
24) Chloroform-d	5.063	84	310236	45.999	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.700	65	194458	46.785	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.580%
32) Benzene-d6	5.726	84	605504	45.035	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.080%
36) 1,2-Dichloropropane-d6	6.690	67	203765	44.899	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.800%
41) Toluene-d8	7.896	98	544691	46.346	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.700%
43) trans-1,3-Dichloroprop...	8.176	79	87677	44.409	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.820%
47) 2-Hexanone-d5	8.632	63	181285	96.932	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.930%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	324034	46.832	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.660%
66) 1,2-Dichlorobenzene-d4	12.192	152	190734	45.970	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.940%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	205323	47.737	ug/L	99
3) Chloromethane	1.520	50	232088	46.414	ug/L	99
5) Vinyl chloride	1.604	62	234356	47.874	ug/L	99
6) Bromomethane	1.858	94	136084	55.027	ug/L	100
8) Chloroethane	1.932	64	147860	54.554	ug/L	100
9) Trichlorofluoromethane	2.138	101	274206	51.641	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	170690	50.223	ug/L	99
12) 1,1-Dichloroethene	2.581	96	157263	49.246	ug/L	90
13) Acetone	2.636	43	230367	97.920	ug/L	99
14) Carbon disulfide	2.793	76	481542	47.686	ug/L	99
15) Methyl Acetate	2.951	43	231768	52.203	ug/L	98
16) Methylene chloride	3.044	84	194292	43.818	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	162826	49.747	ug/L	97
18) Methyl tert-butyl Ether	3.363	73	499984	50.109	ug/L	99
19) 1,1-Dichloroethane	3.867	63	325433	49.207	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	182379	50.254	ug/L	100
22) 2-Butanone	4.703	43	354721	114.387	ug/L	99
23) Bromochloromethane	4.973	128	95641	50.284	ug/L	96
25) Chloroform	5.086	83	333624	50.617	ug/L	99

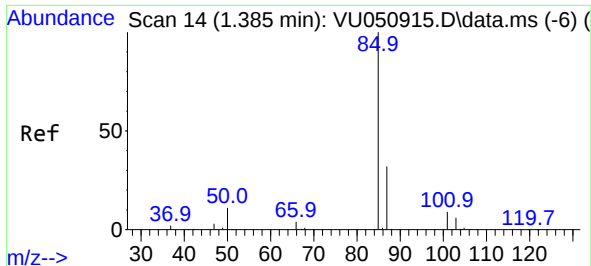
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092322\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	254229	50.755	ug/L	100
29) Cyclohexane	5.388	56	270084	48.080	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	276857	50.982	ug/L	99
31) Carbon tetrachloride	5.523	117	227129	50.346	ug/L	100
33) Benzene	5.774	78	753269	50.144	ug/L	100
34) Trichloroethene	6.543	95	181075	51.892	ug/L	98
35) Methylcyclohexane	6.764	83	278746	49.578	ug/L	99
37) 1,2-Dichloropropane	6.790	63	204334	49.708	ug/L	100
38) Bromodichloromethane	7.105	83	249167	50.875	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	255468	46.442	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	632386	111.628	ug/L	100
42) Toluene	7.967	91	776943	52.099	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	255833	48.891	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	190692	50.339	ug/L	99
46) Tetrachloroethene	8.552	164	124854	49.791	ug/L	99
48) 2-Hexanone	8.684	43	543054	114.720	ug/L	99
49) Dibromochloromethane	8.809	129	187386	50.449	ug/L	98
50) 1,2-Dibromoethane	8.922	107	201050	51.153	ug/L	100
51) Chlorobenzene	9.446	112	450096	49.438	ug/L	99
52) Ethylbenzene	9.568	91	745194	50.090	ug/L	100
53) m,p-Xylene	9.690	106	289082	52.265	ug/L	100
54) o-Xylene	10.099	106	283115	51.373	ug/L	99
55) Styrene	10.111	104	497677	52.672	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	337182	48.103	ug/L	100
59) Bromoform	10.288	173	139275	48.693	ug/L	96
60) 1,2,3-Trichloropropane	10.819	75	277584	49.800	ug/L	99
61) Isopropylbenzene	10.481	105	716619	50.602	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	584559	50.212	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	581384	50.427	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	309743	47.828	ug/L	96
65) 1,4-Dichlorobenzene	11.835	146	315796	48.031	ug/L	96
67) 1,2-Dichlorobenzene	12.208	146	330192	48.152	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	81924	53.438	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	202895	44.778	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	164853	44.458	ug/L	97
71) Naphthalene	14.086	128	647299	45.421	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	191345	46.106	ug/L	99

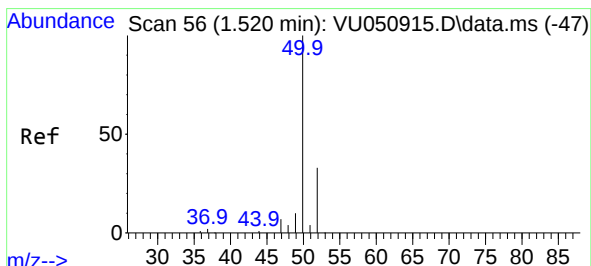
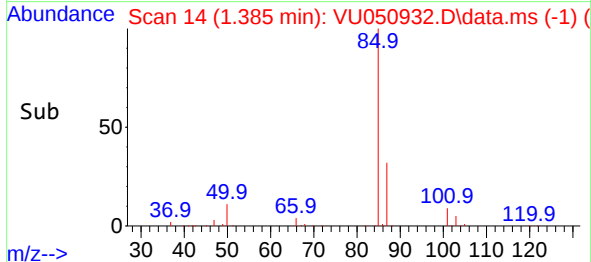
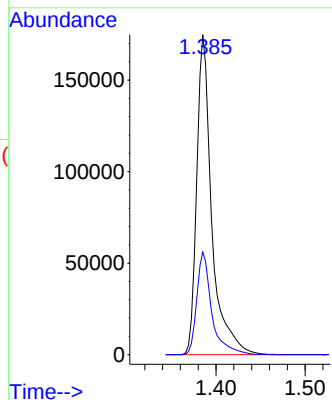
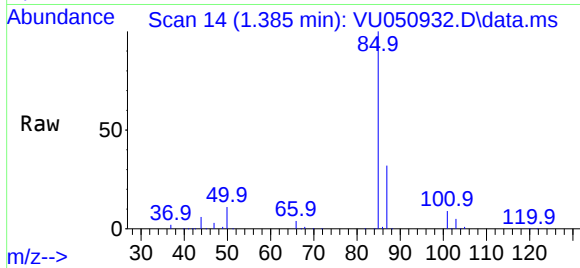
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 47.737 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU050932.D
Acq: 23 Sep 2022 20:15

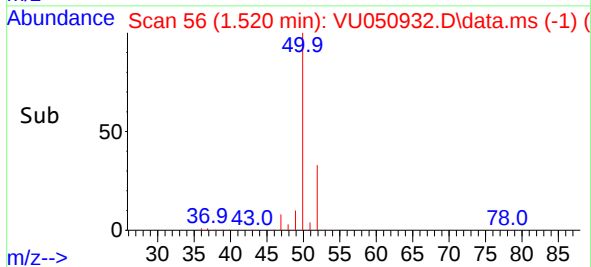
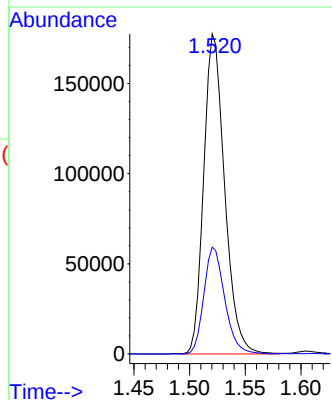
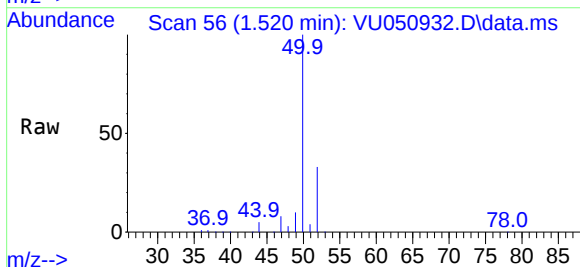
Instrument :
MSVOA_U
ClientSampleId :
ESQS0MS

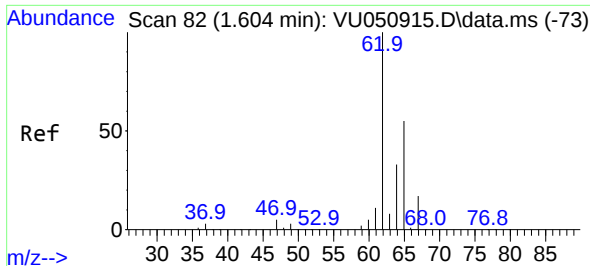
Tgt Ion: 85 Resp: 205323
Ion Ratio Lower Upper
85 100
87 32.0 25.8 38.8



#3
Chloromethane
Concen: 46.414 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU050932.D
Acq: 23 Sep 2022 20:15

Tgt Ion: 50 Resp: 232088
Ion Ratio Lower Upper
50 100
52 33.4 23.7 43.9

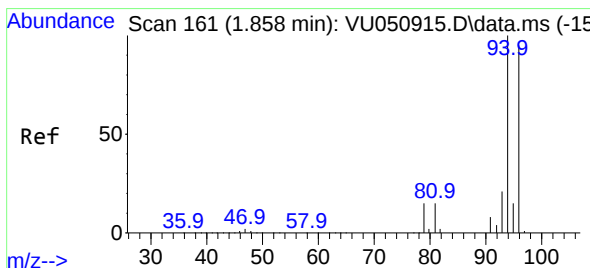
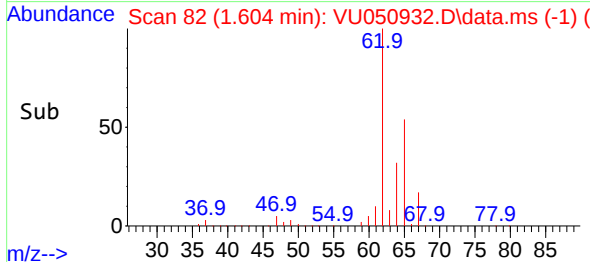
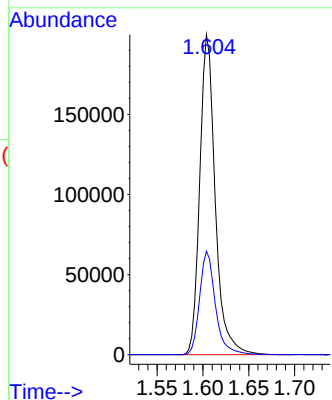
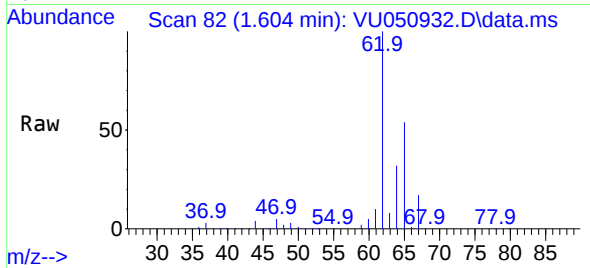




#5
 Vinyl chloride
 Concen: 47.874 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. -0.000 min
 Lab File: VU050932.D
 Acq: 23 Sep 2022 20:15

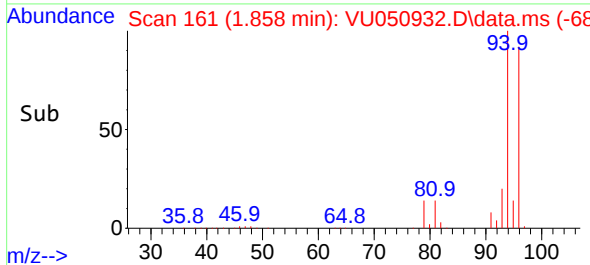
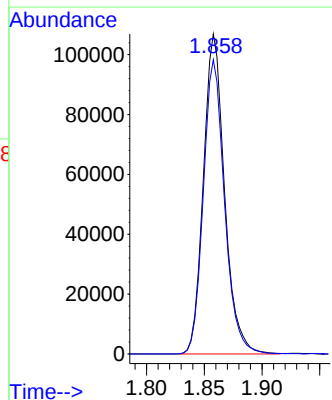
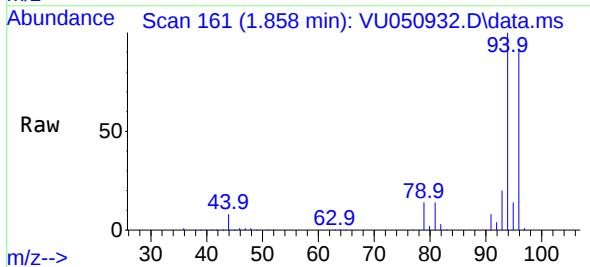
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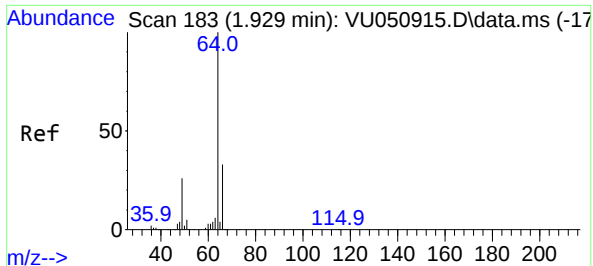
Tgt Ion: 62 Resp: 234356
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.2 41.2



#6
 Bromomethane
 Concen: 55.027 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.000 min
 Lab File: VU050932.D
 Acq: 23 Sep 2022 20:15

Tgt Ion: 94 Resp: 136084
 Ion Ratio Lower Upper
 94 100
 96 91.9 64.0 119.0

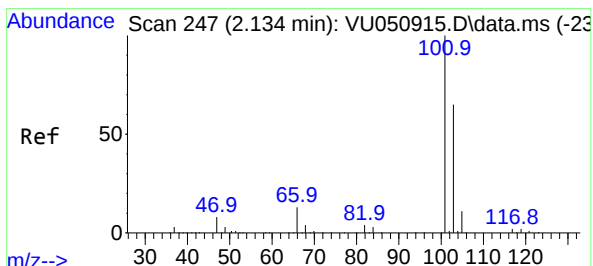
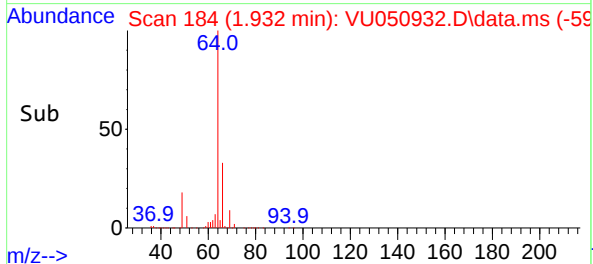
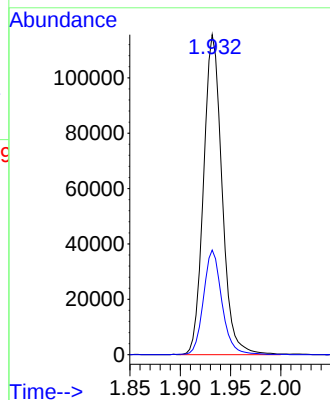
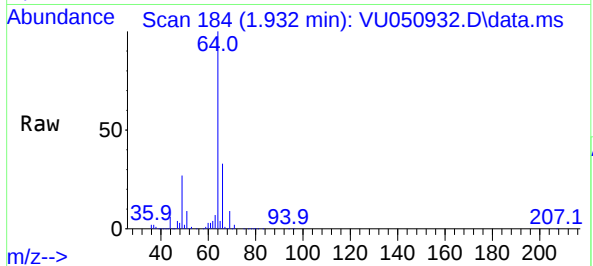




#8
Chloroethane
Concen: 54.554 ug/L
RT: 1.932 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU050932.D
Acq: 23 Sep 2022 20:15

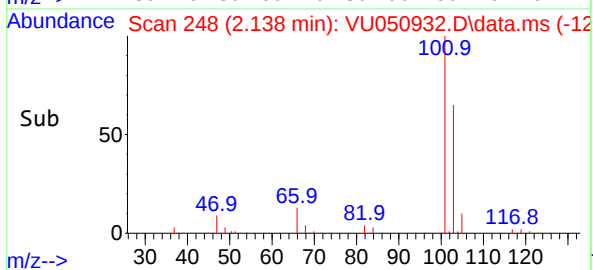
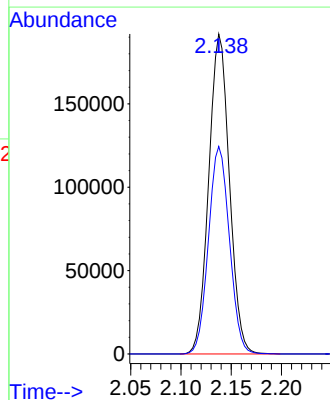
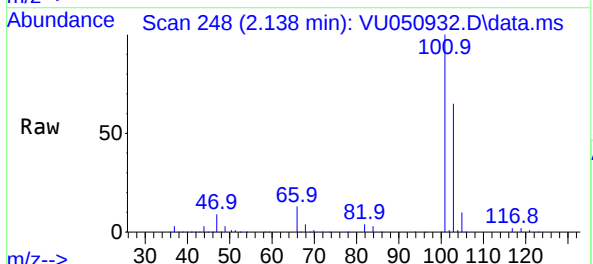
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ClientSampleId :
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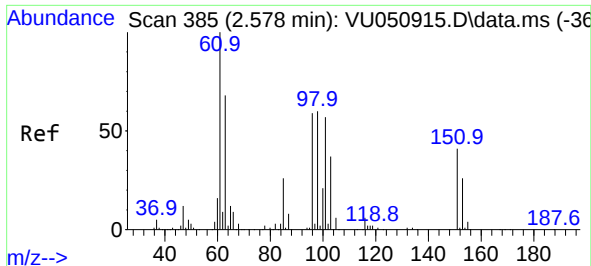
Tgt Ion: 64 Resp: 147860
Ion Ratio Lower Upper
64 100
66 32.7 22.9 42.5



#9
Trichlorofluoromethane
Concen: 51.641 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU050932.D
Acq: 23 Sep 2022 20:15

Tgt Ion: 101 Resp: 274206
Ion Ratio Lower Upper
101 100
103 65.7 50.9 76.3

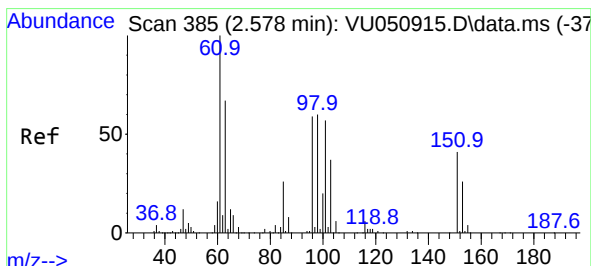
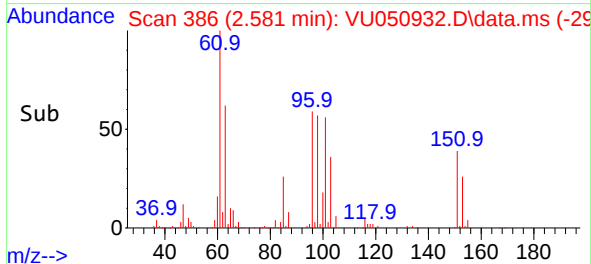
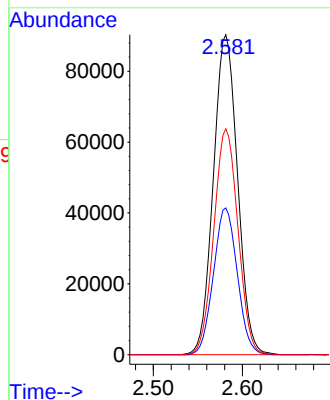
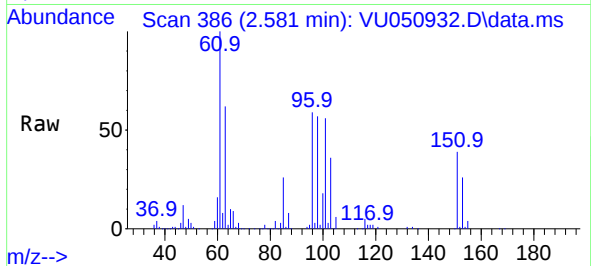




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 50.223 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU050932.D
Acq: 23 Sep 2022 20:15

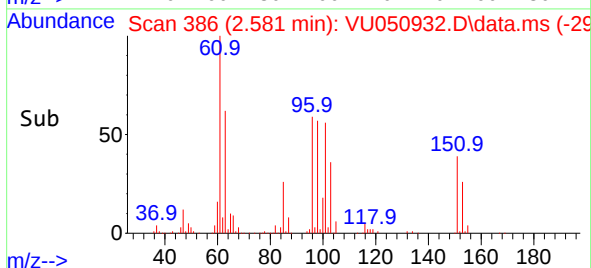
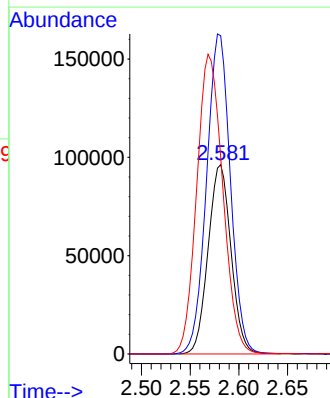
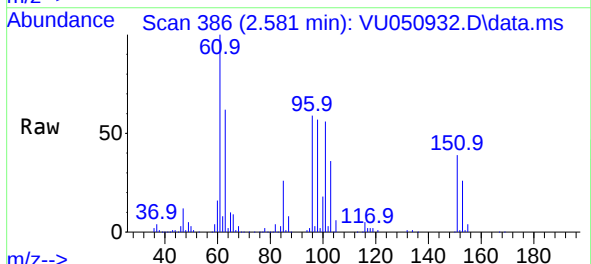
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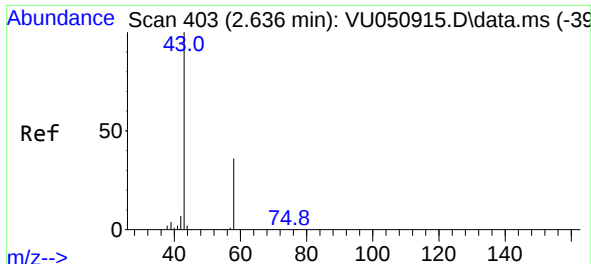
Tgt Ion:101 Resp: 170690
Ion Ratio Lower Upper
101 100
85 45.2 35.1 52.7
151 70.5 56.6 84.8



#12
1,1-Dichloroethene
Concen: 49.246 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU050932.D
Acq: 23 Sep 2022 20:15

Tgt Ion: 96 Resp: 157263
Ion Ratio Lower Upper
96 100
61 168.2 118.6 220.2
63 104.3 90.4 168.0





#13

Acetone

Concen: 97.920 ug/L

RT: 2.636 min Scan# 403

Delta R.T. -0.000 min

Lab File: VU050932.D

Acq: 23 Sep 2022 20:15

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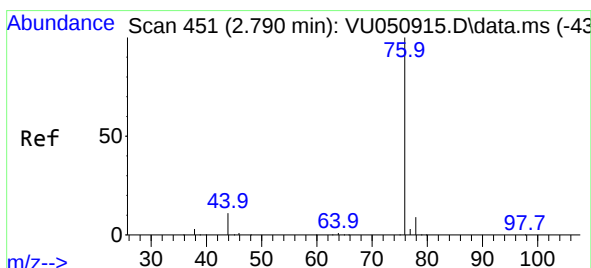
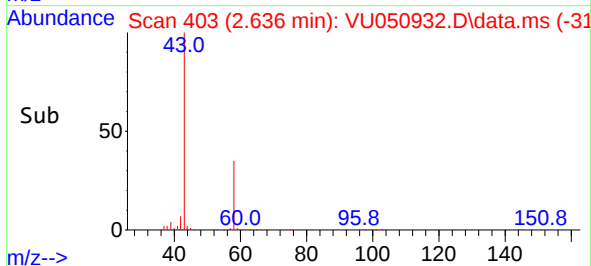
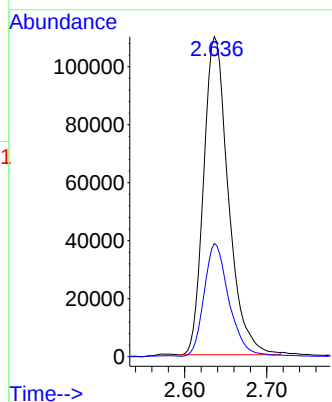
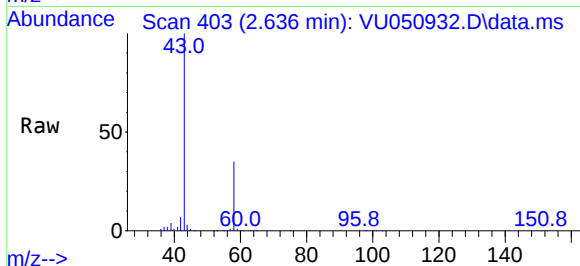
ESQS0MS

Tgt Ion: 43 Resp: 230367

Ion Ratio Lower Upper

43 100

58 35.4 0.0 71.4



#14

Carbon disulfide

Concen: 47.686 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.003 min

Lab File: VU050932.D

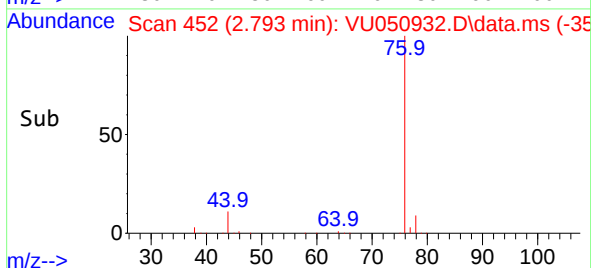
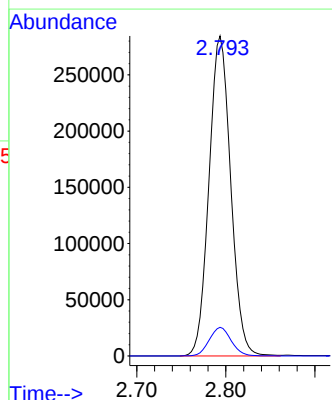
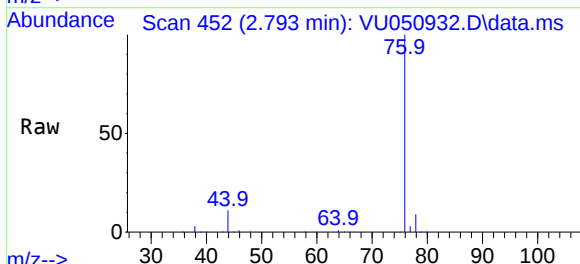
Acq: 23 Sep 2022 20:15

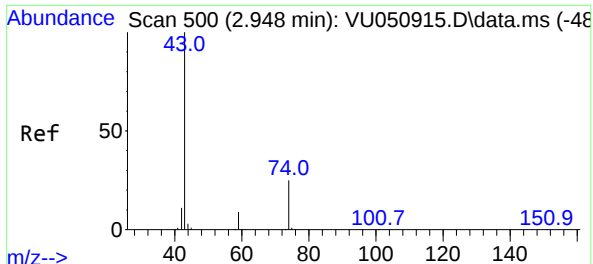
Tgt Ion: 76 Resp: 481542

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3

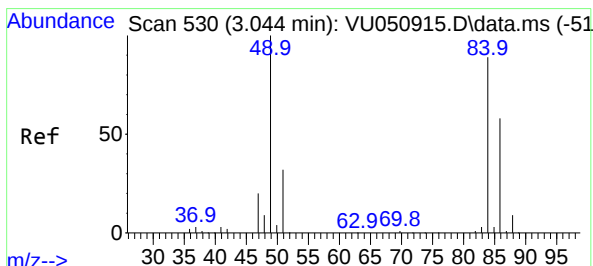
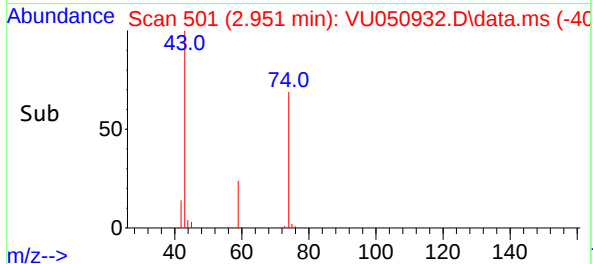
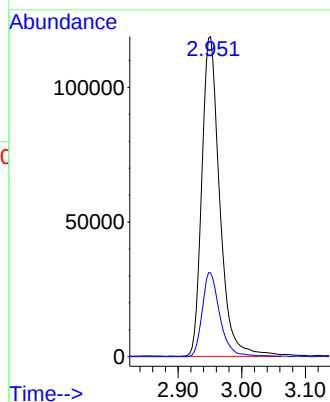
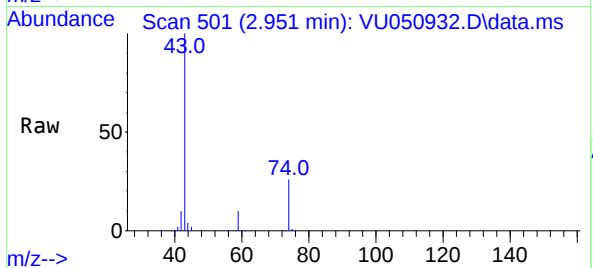




#15
Methyl Acetate
Concen: 52.203 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU050932.D
Acq: 23 Sep 2022 20:15

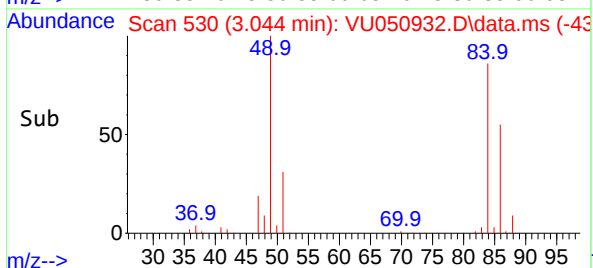
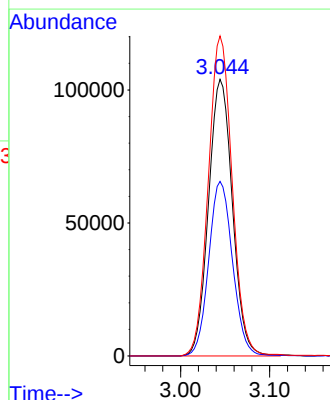
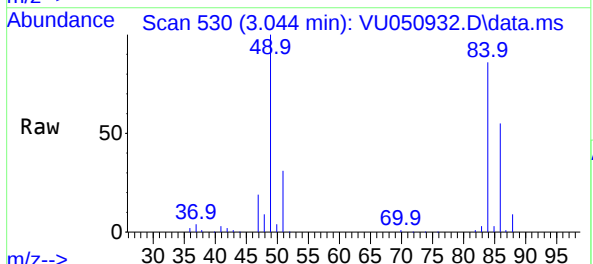
Instrument :
MSVOA_U
ClientSampleId :
ESQS0MS

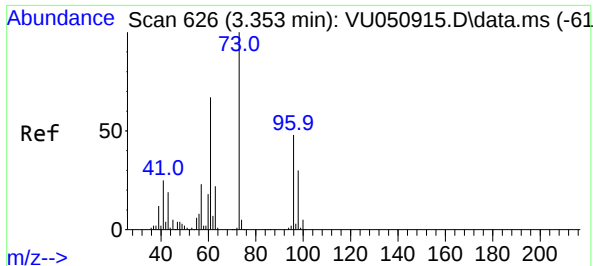
Tgt Ion: 43 Resp: 231768
Ion Ratio Lower Upper
43 100
74 25.9 19.9 29.9



#16
Methylene chloride
Concen: 43.818 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU050932.D
Acq: 23 Sep 2022 20:15

Tgt Ion: 84 Resp: 194292
Ion Ratio Lower Upper
84 100
86 63.1 44.4 82.5
49 115.7 83.3 154.7

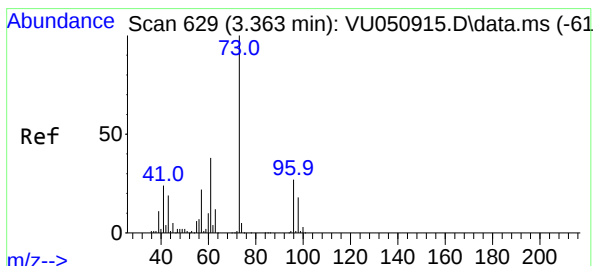
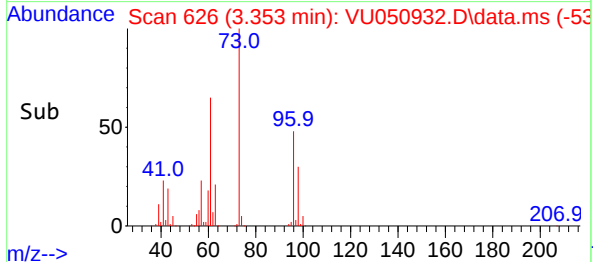
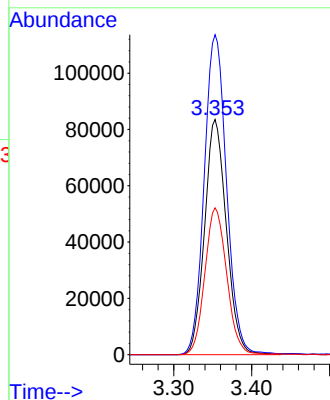
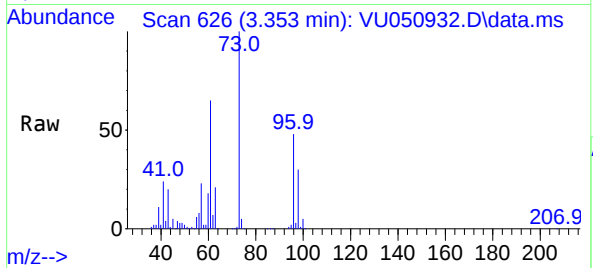




#17
trans-1,2-Dichloroethene
Concen: 49.747 ug/L
RT: 3.353 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU050932.D
Acq: 23 Sep 2022 20:15

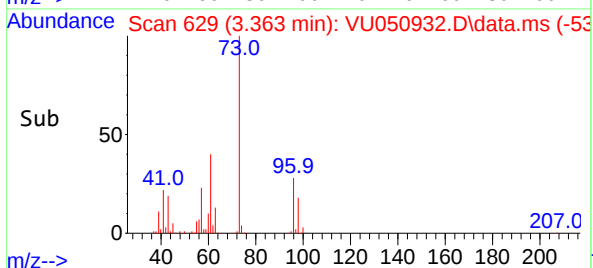
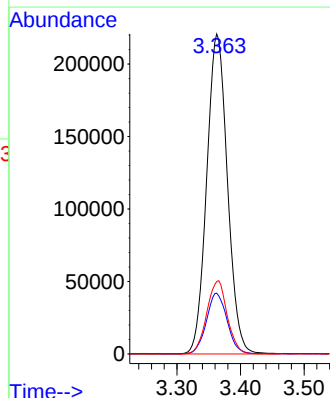
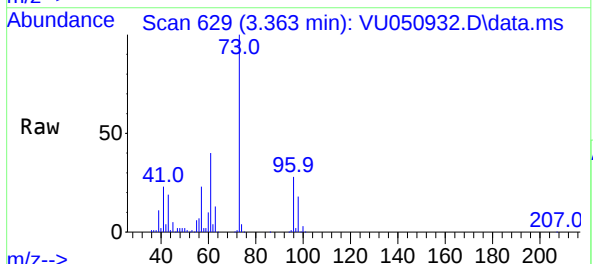
Instrument :
MSVOA_U
ClientSampleId :
ESQS0MS

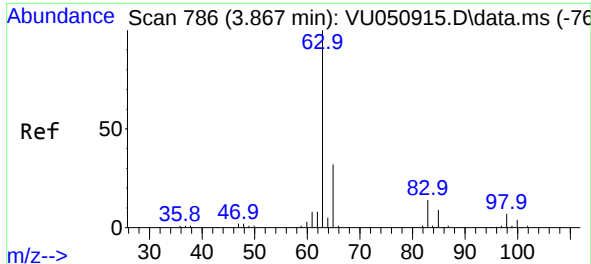
Tgt Ion: 96 Resp: 162826
Ion Ratio Lower Upper
96 100
61 136.1 98.0 182.0
98 62.5 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 50.109 ug/L
RT: 3.363 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU050932.D
Acq: 23 Sep 2022 20:15

Tgt Ion: 73 Resp: 499984
Ion Ratio Lower Upper
73 100
43 18.6 14.4 21.6
57 22.6 18.6 27.8

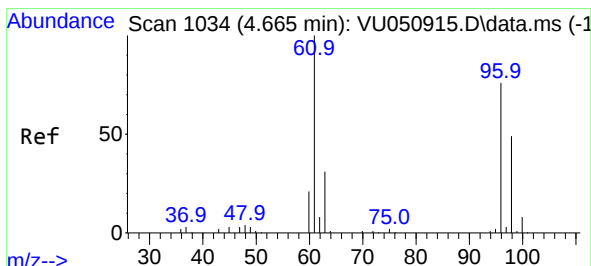
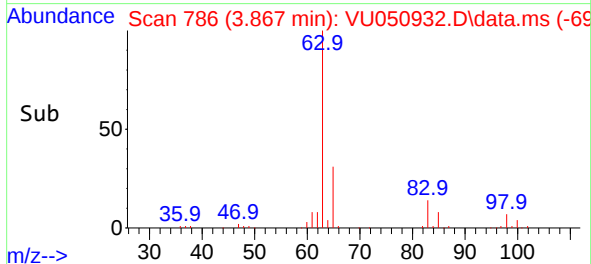
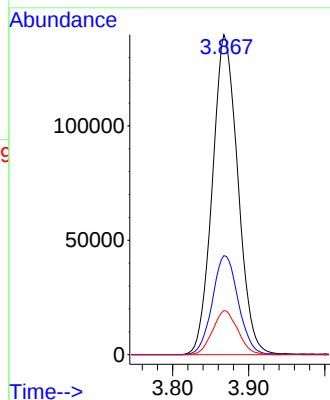
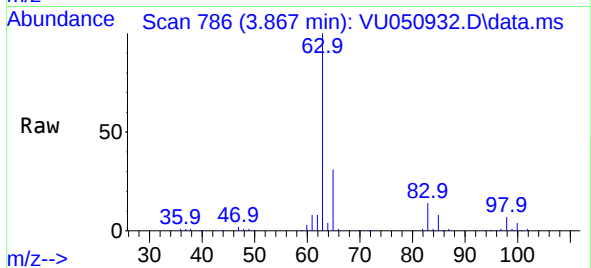




#19
1,1-Dichloroethane
Concen: 49.207 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.000 min
Lab File: VU050932.D
Acq: 23 Sep 2022 20:15

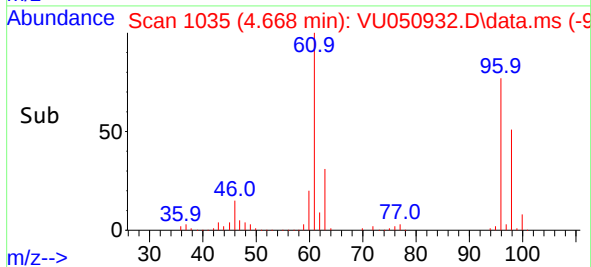
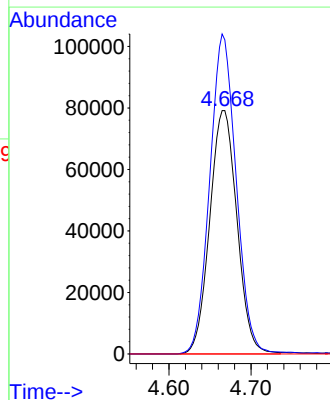
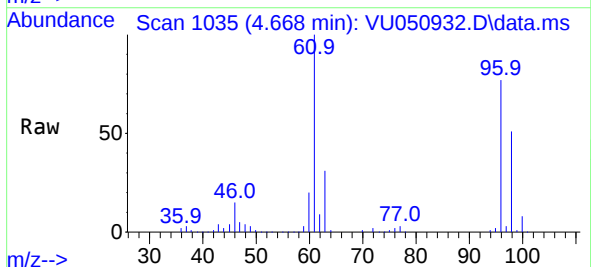
Instrument :
MSVOA_U
ClientSampleId :
ESQS0MS

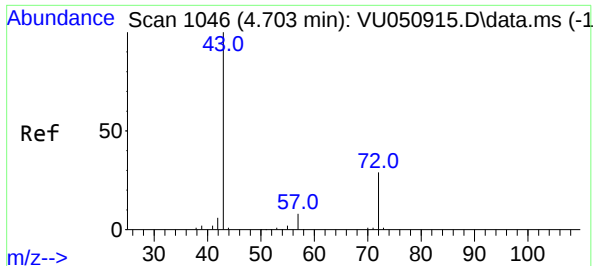
Tgt Ion: 63 Resp: 325433
Ion Ratio Lower Upper
63 100
65 31.0 21.5 39.9
83 13.7 9.3 17.3



#20
cis-1,2-Dichloroethene
Concen: 50.254 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VU050932.D
Acq: 23 Sep 2022 20:15

Tgt Ion: 96 Resp: 182379
Ion Ratio Lower Upper
96 100
61 129.1 90.1 167.3
68 0.0 0.0 0.0

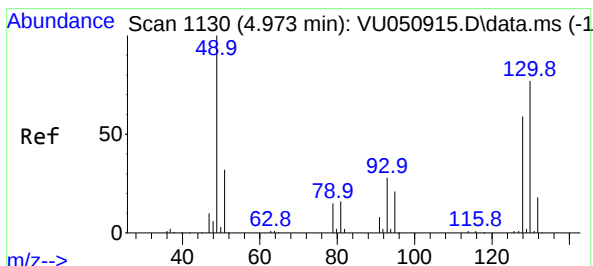
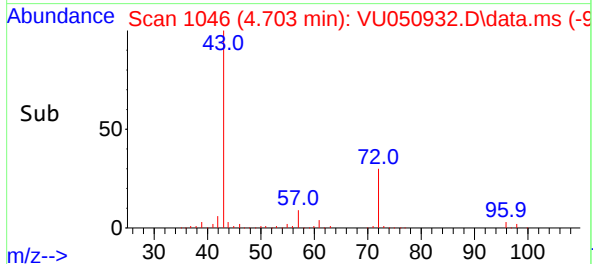
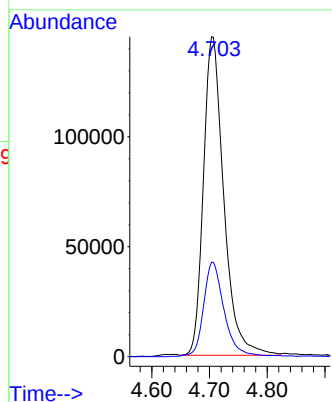
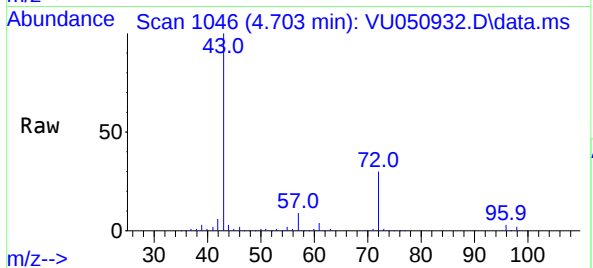




#22
2-Butanone
Concen: 114.387 ug/L
RT: 4.703 min Scan# 1046
Delta R.T. -0.000 min
Lab File: VU050932.D
Acq: 23 Sep 2022 20:15

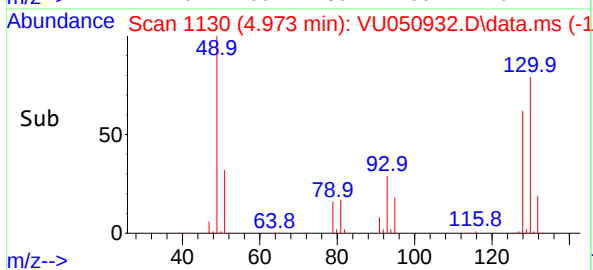
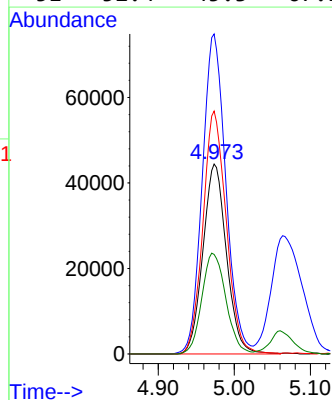
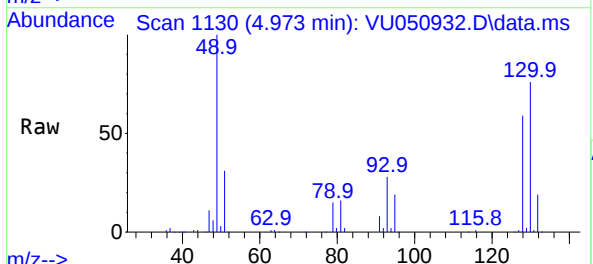
Instrument :
MSVOA_U
ClientSampleId :
ESQS0MS

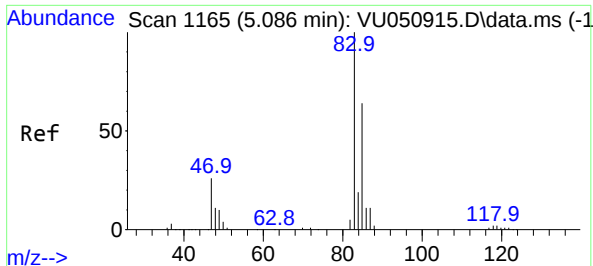
Tgt Ion: 43 Resp: 354721
Ion Ratio Lower Upper
43 100
72 29.9 14.8 44.3



#23
Bromochloromethane
Concen: 50.284 ug/L
RT: 4.973 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VU050932.D
Acq: 23 Sep 2022 20:15

Tgt Ion: 128 Resp: 95641
Ion Ratio Lower Upper
128 100
49 168.4 123.1 228.5
130 127.9 90.9 168.7
51 52.4 45.3 67.9

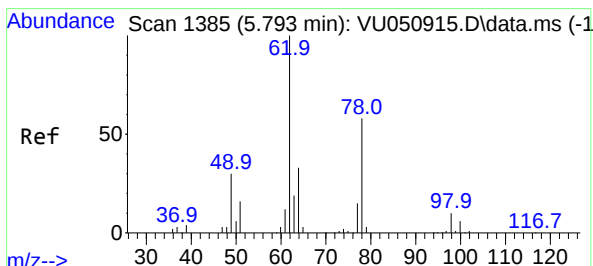
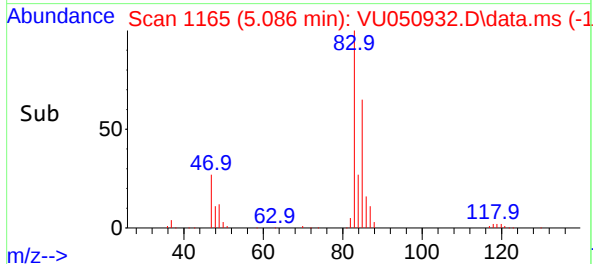
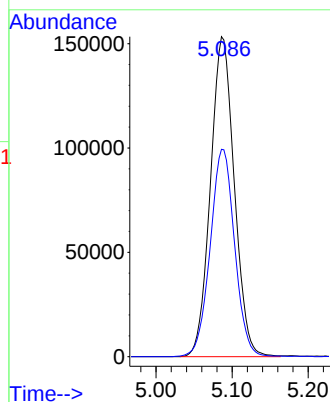
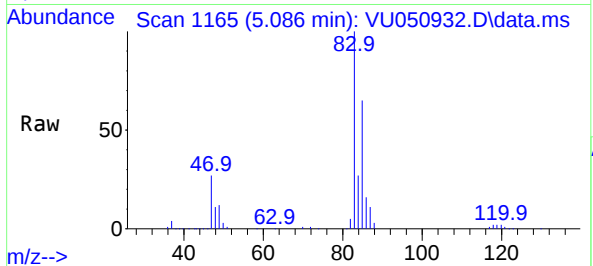




#25
Chloroform
Concen: 50.617 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. -0.000 min
Lab File: VU050932.D
Acq: 23 Sep 2022 20:15

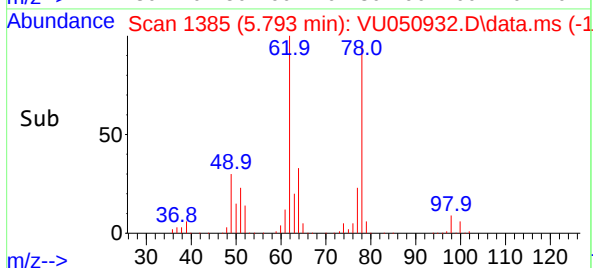
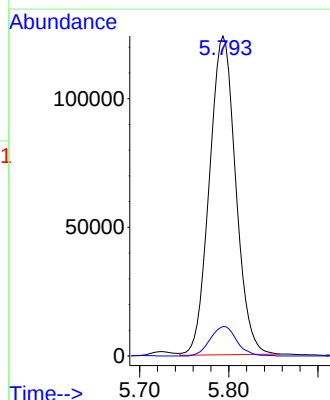
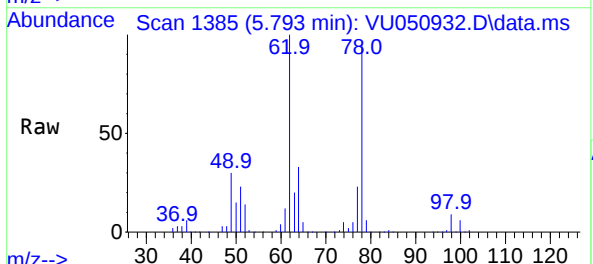
Instrument :
MSVOA_U
ClientSampleId :
ESQS0MS

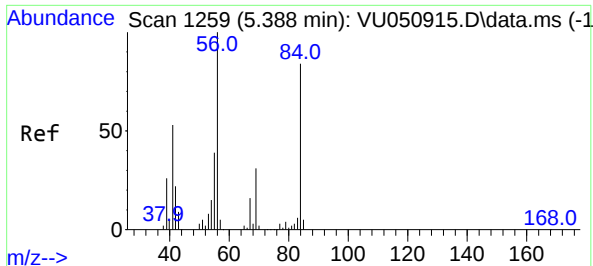
Tgt Ion: 83 Resp: 333624
Ion Ratio Lower Upper
83 100
85 64.8 45.7 84.9



#27
1,2-Dichloroethane
Concen: 50.755 ug/L
RT: 5.793 min Scan# 1385
Delta R.T. -0.000 min
Lab File: VU050932.D
Acq: 23 Sep 2022 20:15

Tgt Ion: 62 Resp: 254229
Ion Ratio Lower Upper
62 100
98 9.2 7.4 11.0





#29

Cyclohexane

Concen: 48.080 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VU050932.D

Acq: 23 Sep 2022 20:15

Instrument :

MSVOA_U

ClientSampleId :

ESQS0MS

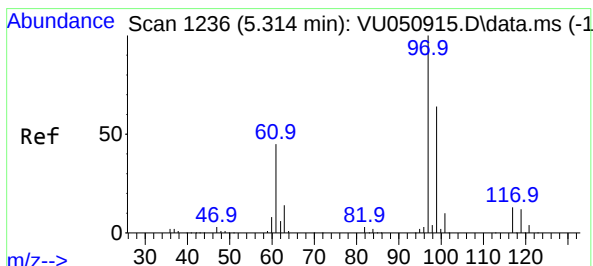
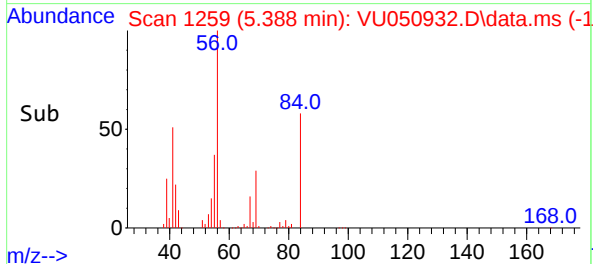
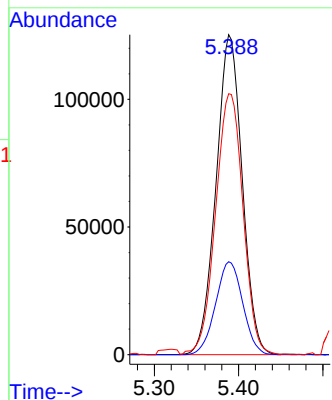
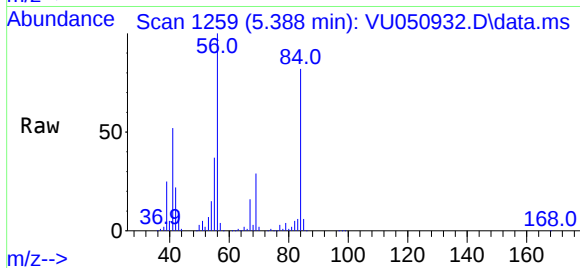
Tgt Ion: 56 Resp: 270084

Ion Ratio Lower Upper

56 100

69 30.1 24.2 36.4

84 85.4 66.4 99.6



#30

1,1,1-Trichloroethane

Concen: 50.982 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU050932.D

Acq: 23 Sep 2022 20:15

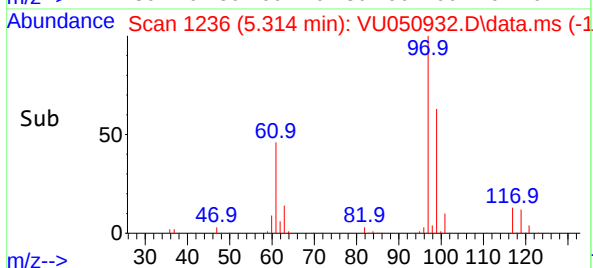
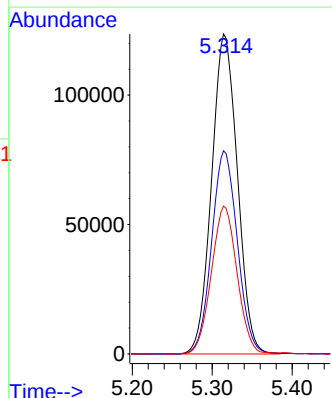
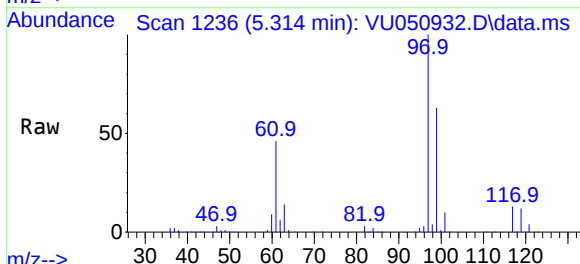
Tgt Ion: 97 Resp: 276857

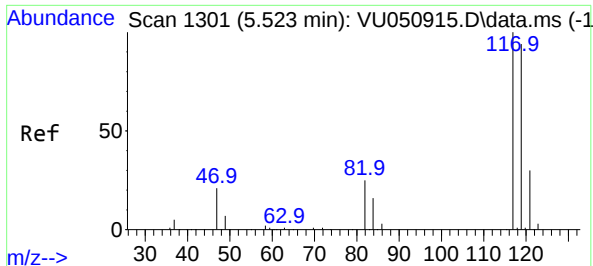
Ion Ratio Lower Upper

97 100

99 63.4 52.2 78.2

61 46.1 37.1 55.7

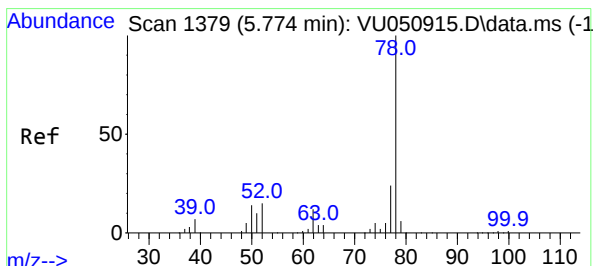
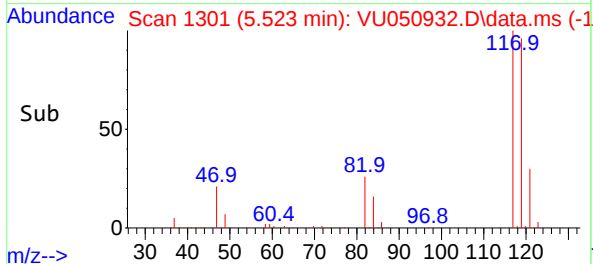
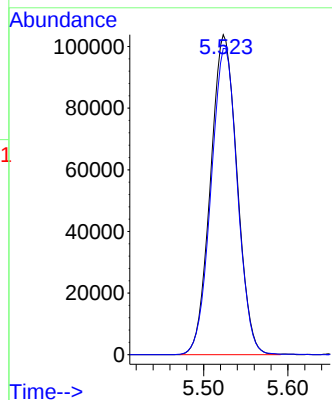
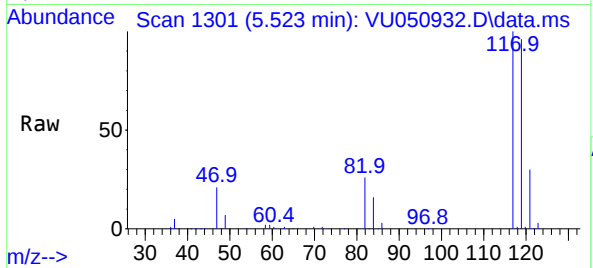




#31
Carbon tetrachloride
Concen: 50.346 ug/L
RT: 5.523 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU050932.D
Acq: 23 Sep 2022 20:15

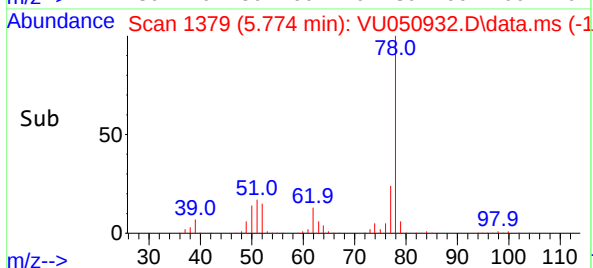
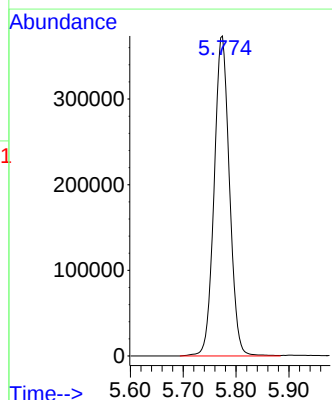
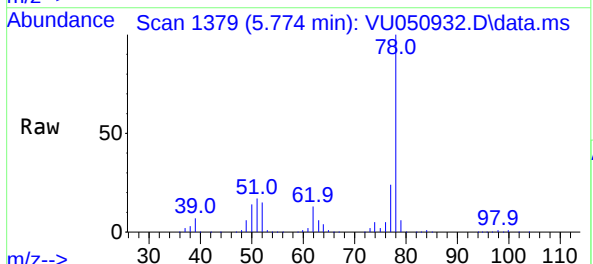
Instrument :
MSVOA_U
ClientSampleId :
ESQS0MS

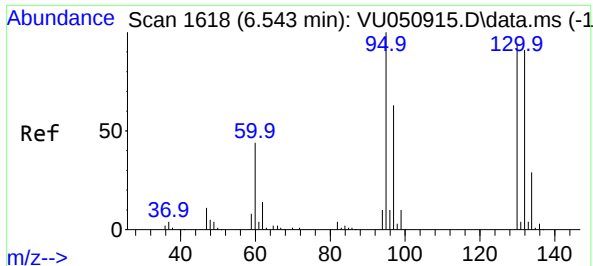
Tgt Ion:117 Resp: 227129
Ion Ratio Lower Upper
117 100
119 95.4 76.0 114.0



#33
Benzene
Concen: 50.144 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU050932.D
Acq: 23 Sep 2022 20:15

Tgt Ion: 78 Resp: 753269

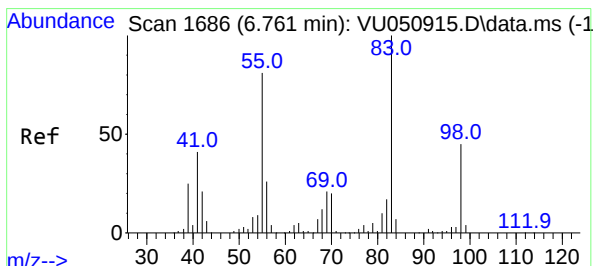
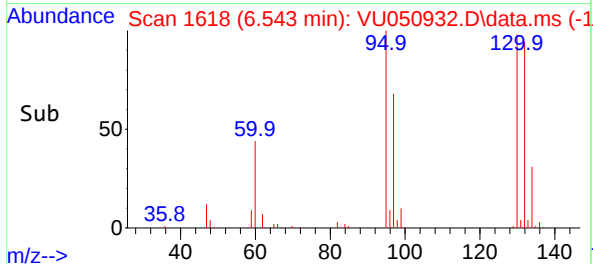
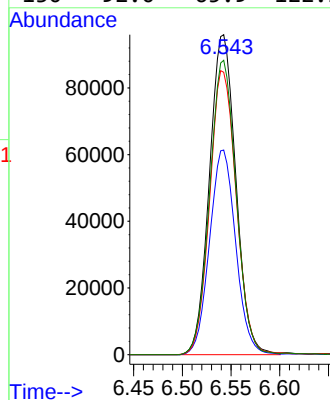
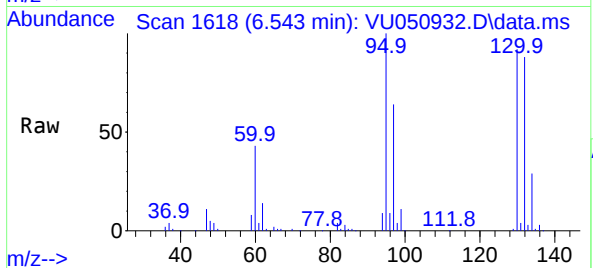




#34
Trichloroethene
Concen: 51.892 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU050932.D
Acq: 23 Sep 2022 20:15

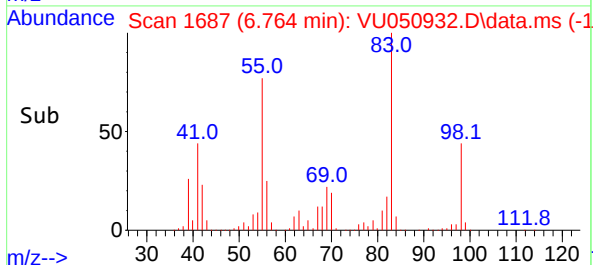
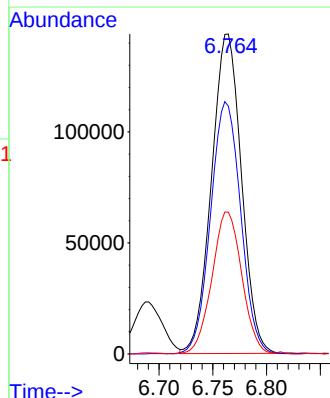
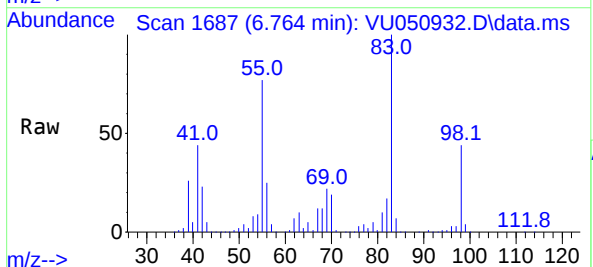
Instrument :
MSVOA_U
ClientSampleId :
ESQS0MS

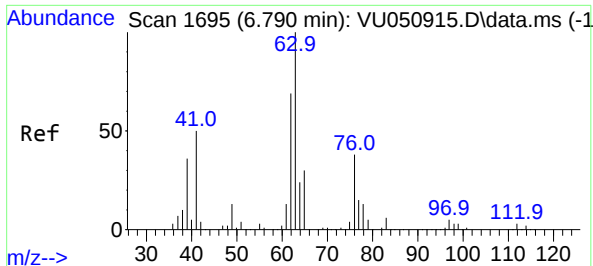
Tgt Ion: 95 Resp: 181075
Ion Ratio Lower Upper
95 100
97 64.0 43.9 81.5
132 88.2 63.1 117.1
130 92.0 65.9 122.3



#35
Methylcyclohexane
Concen: 49.578 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.003 min
Lab File: VU050932.D
Acq: 23 Sep 2022 20:15

Tgt Ion: 83 Resp: 278746
Ion Ratio Lower Upper
83 100
55 79.3 64.7 97.1
98 44.4 35.2 52.8

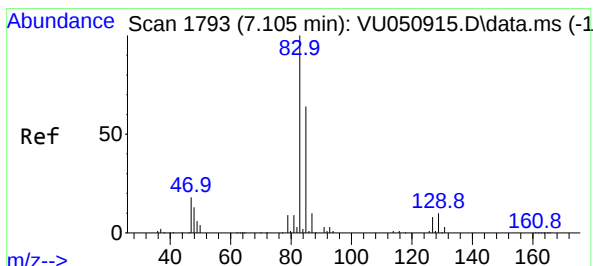
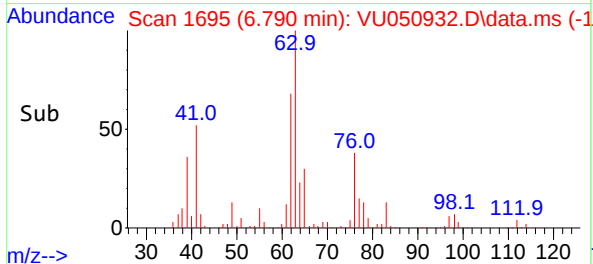
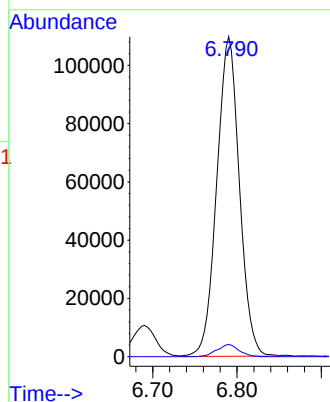
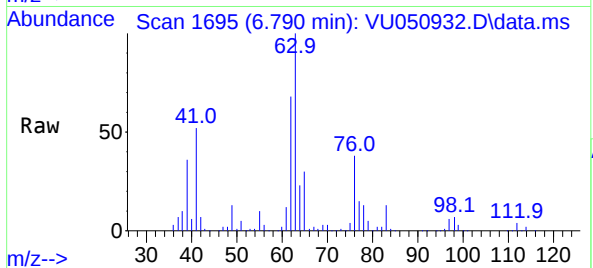




#37
1,2-Dichloropropane
Concen: 49.708 ug/L
RT: 6.790 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU050932.D
Acq: 23 Sep 2022 20:15

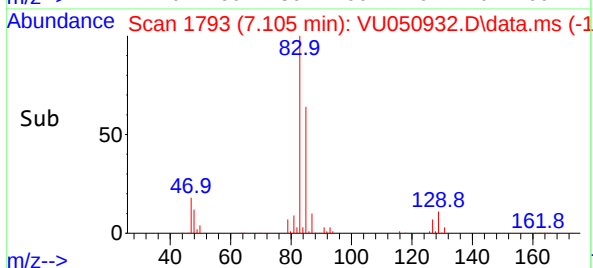
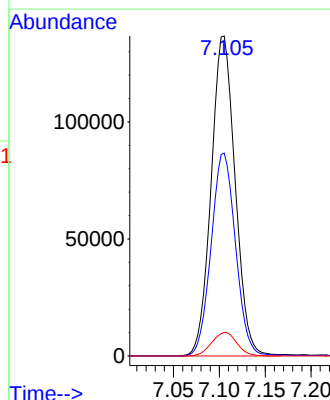
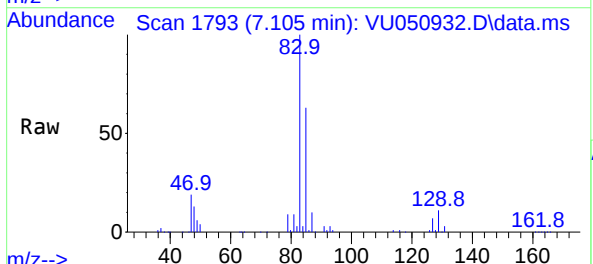
Instrument :
MSVOA_U
ClientSampleId :
ESQS0MS

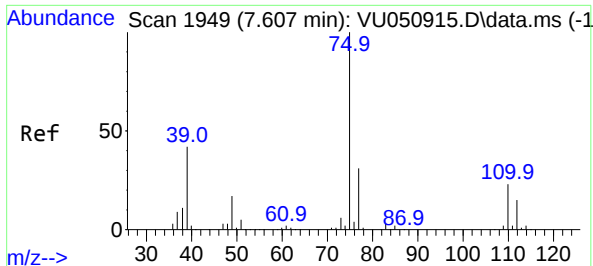
Tgt Ion: 63 Resp: 204334
Ion Ratio Lower Upper
63 100
112 3.7 2.9 4.3



#38
Bromodichloromethane
Concen: 50.875 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU050932.D
Acq: 23 Sep 2022 20:15

Tgt Ion: 83 Resp: 249167
Ion Ratio Lower Upper
83 100
85 63.4 44.3 82.3
127 7.3 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 46.442 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU050932.D

Acq: 23 Sep 2022 20:15

Instrument :

MSVOA_U

ClientSampleId :

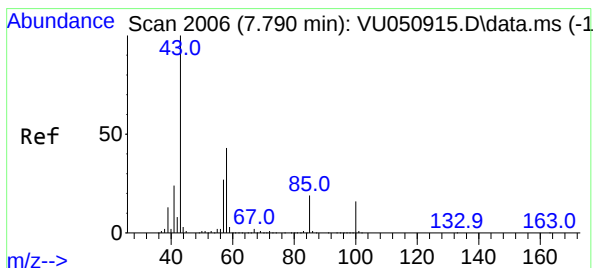
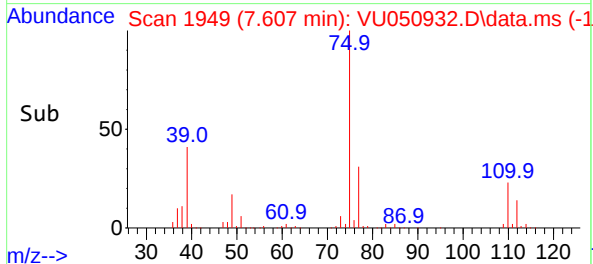
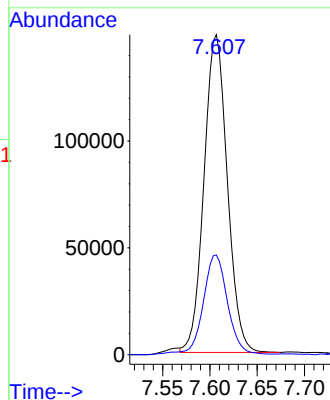
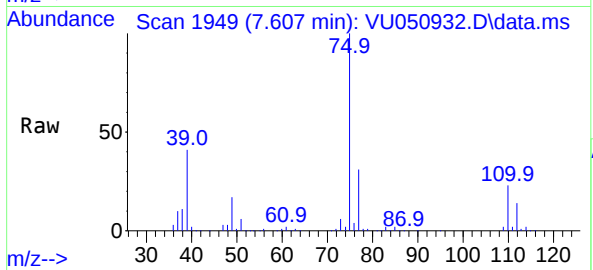
ESQS0MS

Tgt Ion: 75 Resp: 255468

Ion Ratio Lower Upper

75 100

77 31.1 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 111.628 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU050932.D

Acq: 23 Sep 2022 20:15

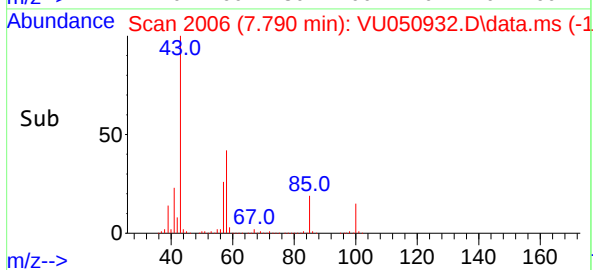
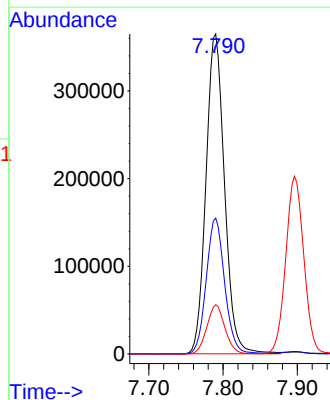
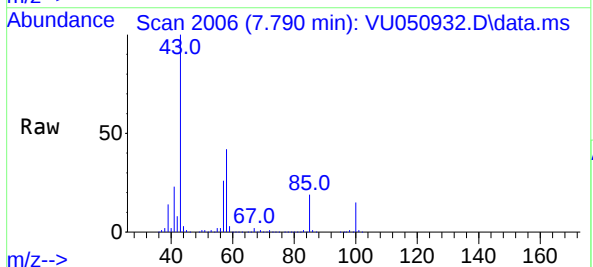
Tgt Ion: 43 Resp: 632386

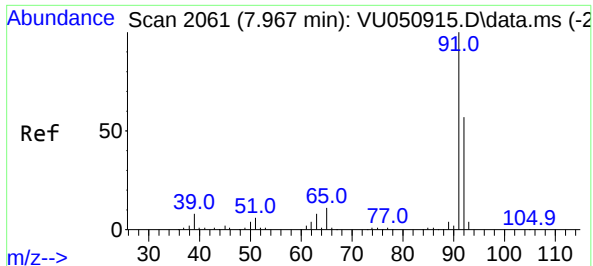
Ion Ratio Lower Upper

43 100

58 42.3 33.8 50.6

100 15.0 12.0 18.0

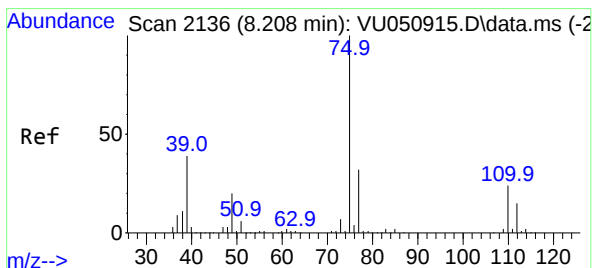
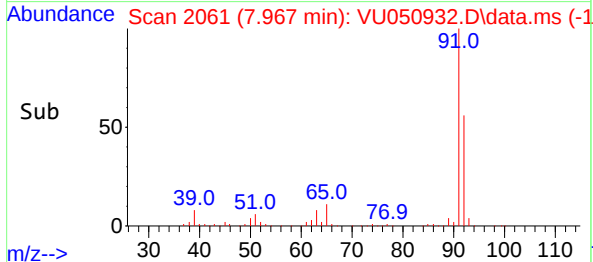
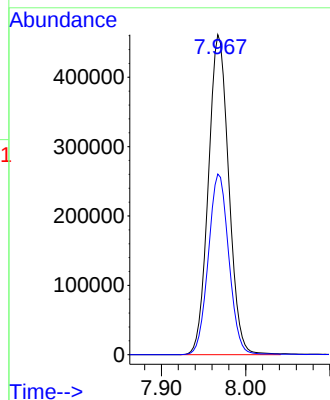
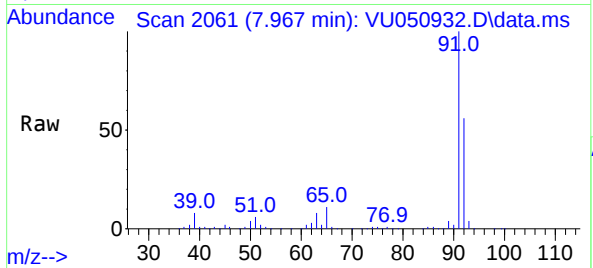




#42
Toluene
Concen: 52.099 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VU050932.D
Acq: 23 Sep 2022 20:15

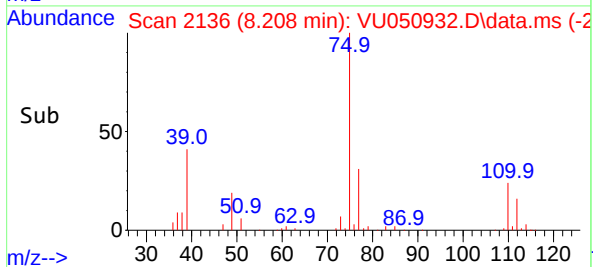
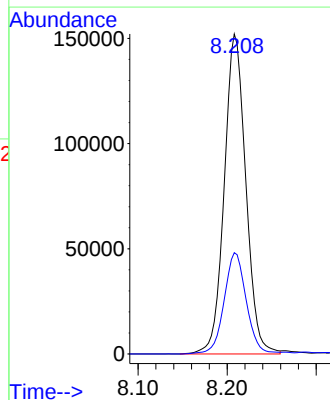
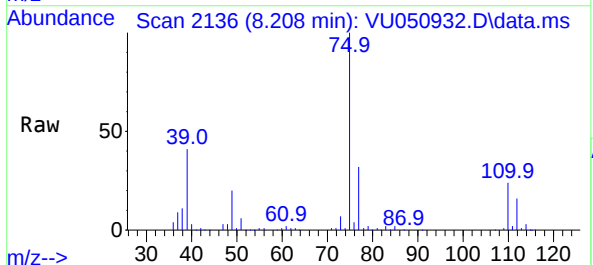
Instrument :
MSVOA_U
ClientSampleId :
ESQS0MS

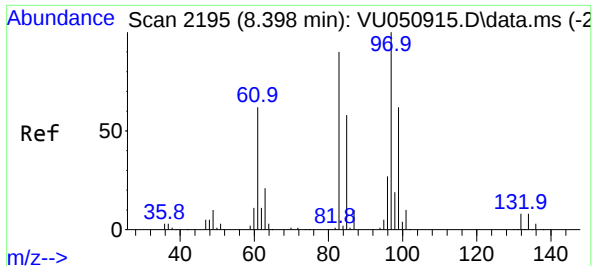
Tgt Ion: 91 Resp: 776943
Ion Ratio Lower Upper
91 100
92 56.5 39.1 72.5



#44
trans-1,3-Dichloropropene
Concen: 48.891 ug/L
RT: 8.208 min Scan# 2136
Delta R.T. -0.000 min
Lab File: VU050932.D
Acq: 23 Sep 2022 20:15

Tgt Ion: 75 Resp: 255833
Ion Ratio Lower Upper
75 100
77 31.7 21.9 40.7





#45

1,1,2-Trichloroethane

Concen: 50.339 ug/L

RT: 8.398 min Scan# 2195

Delta R.T. -0.000 min

Lab File: VU050932.D

Acq: 23 Sep 2022 20:15

Instrument :

MSVOA_U

ClientSampleId :

ESQS0MS

Tgt Ion: 97 Resp: 190692

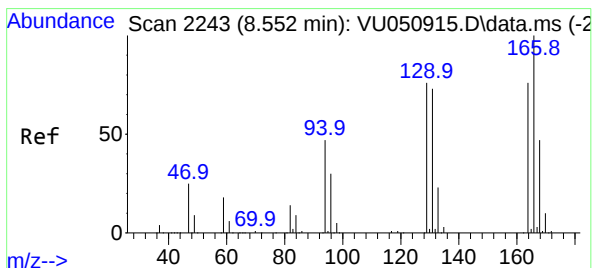
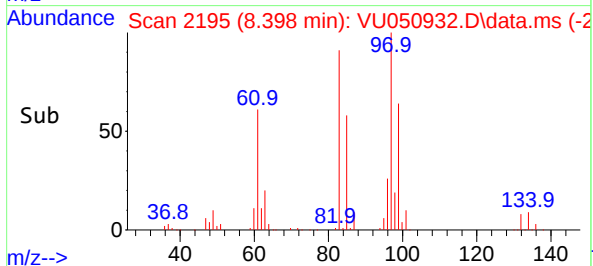
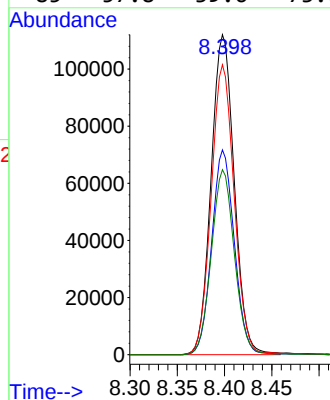
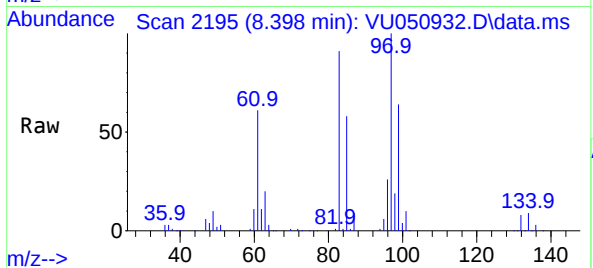
Ion Ratio Lower Upper

97 100

99 64.0 43.8 81.4

83 90.6 62.6 116.3

85 57.8 39.6 73.6



#46

Tetrachloroethene

Concen: 49.791 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

Lab File: VU050932.D

Acq: 23 Sep 2022 20:15

Tgt Ion:164 Resp: 124854

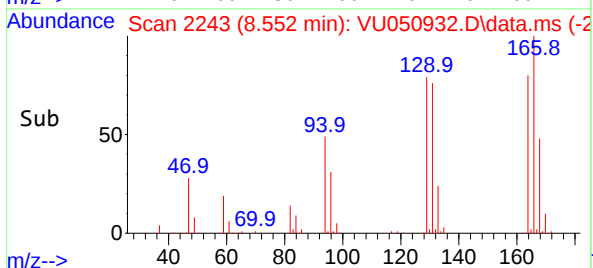
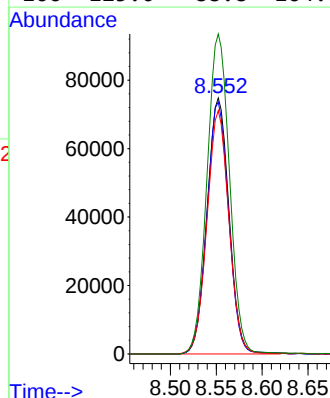
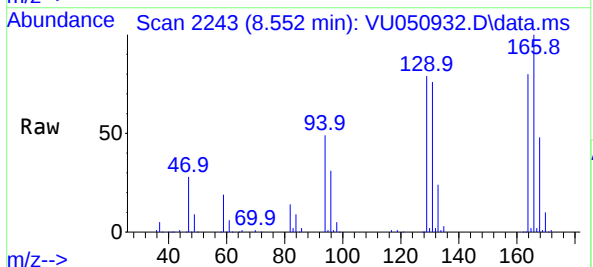
Ion Ratio Lower Upper

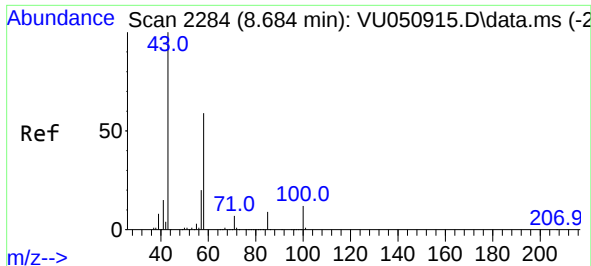
164 100

129 98.4 68.5 127.3

131 95.1 66.1 122.7

166 125.0 88.8 164.8

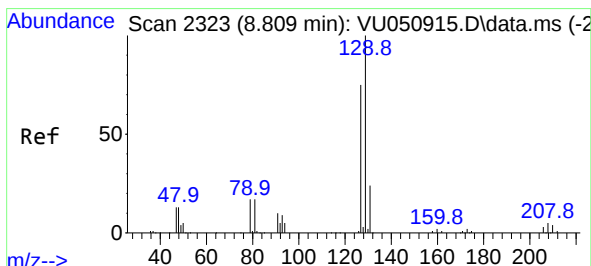
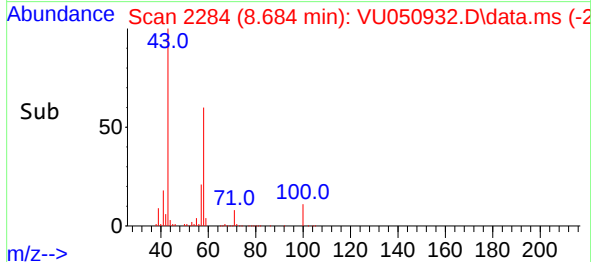
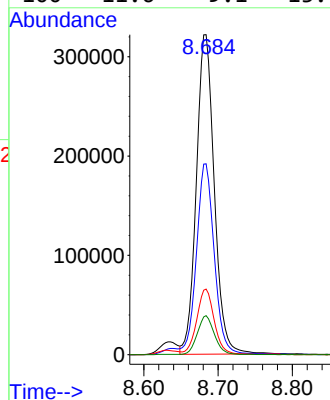
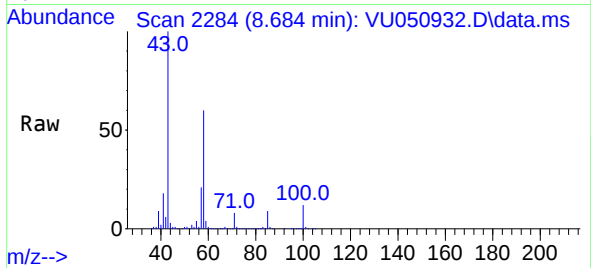




#48
2-Hexanone
Concen: 114.720 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050932.D
Acq: 23 Sep 2022 20:15

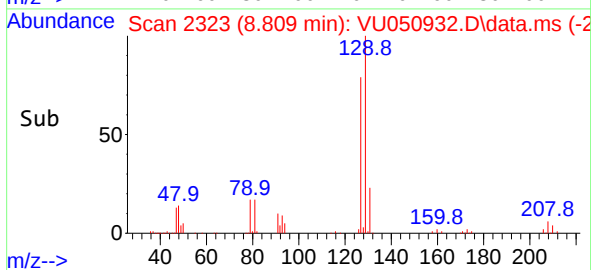
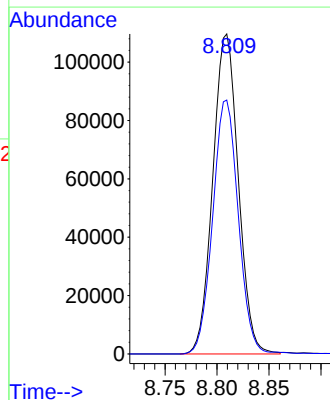
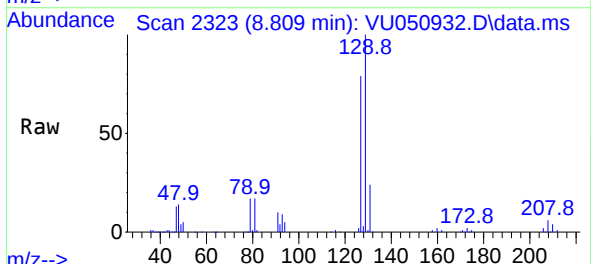
Instrument :
MSVOA_U
ClientSampleId :
ESQS0MS

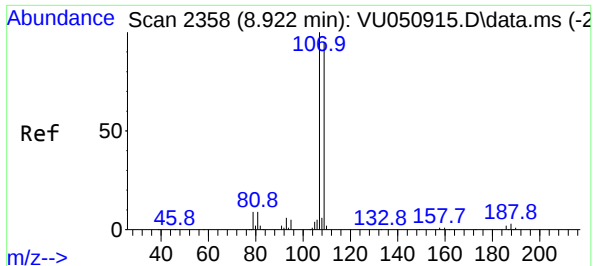
Tgt Ion: 43 Resp: 543054
Ion Ratio Lower Upper
43 100
58 58.1 47.2 70.8
57 19.9 16.2 24.4
100 11.6 9.1 13.7



#49
Dibromochloromethane
Concen: 50.449 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU050932.D
Acq: 23 Sep 2022 20:15

Tgt Ion: 129 Resp: 187386
Ion Ratio Lower Upper
129 100
127 79.3 54.5 101.1

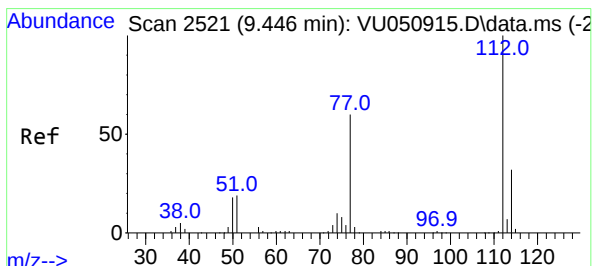
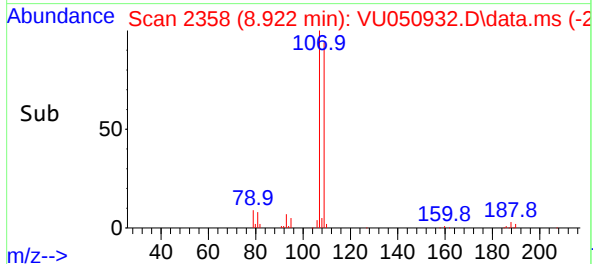
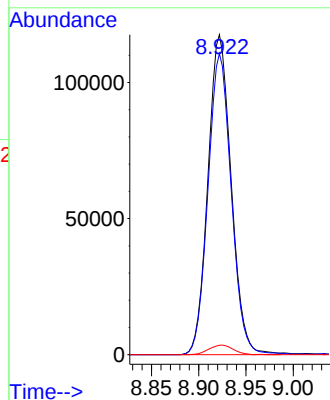
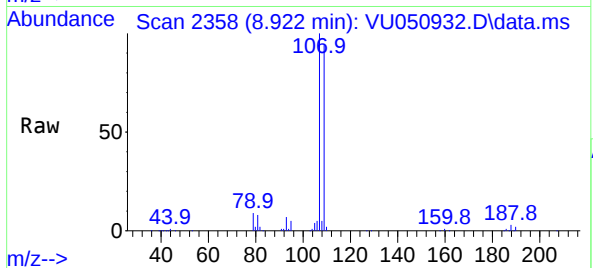




#50
1,2-Dibromoethane
Concen: 51.153 ug/L
RT: 8.922 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050932.D
Acq: 23 Sep 2022 20:15

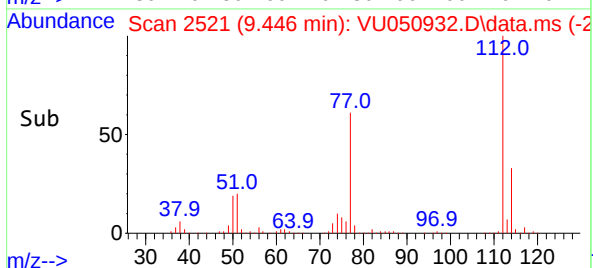
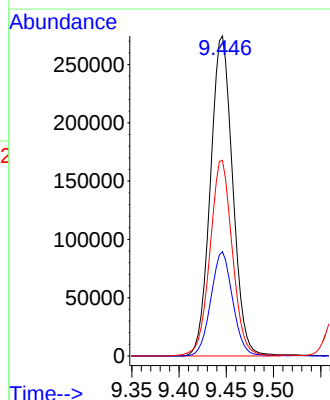
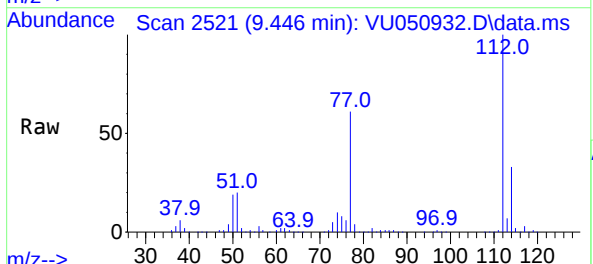
Instrument :
MSVOA_U
ClientSampleId :
ESQS0MS

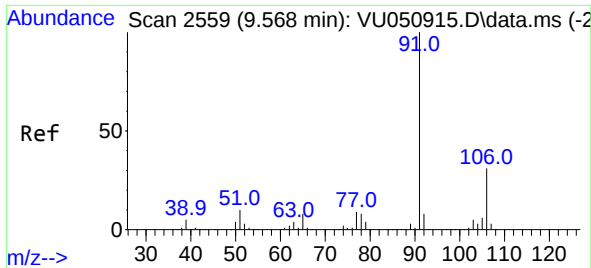
Tgt Ion:107 Resp: 201050
Ion Ratio Lower Upper
107 100
109 94.1 66.0 122.6
188 3.0 2.5 3.7



#51
Chlorobenzene
Concen: 49.438 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU050932.D
Acq: 23 Sep 2022 20:15

Tgt Ion:112 Resp: 450096
Ion Ratio Lower Upper
112 100
114 32.6 22.3 41.3
77 61.1 49.8 74.8

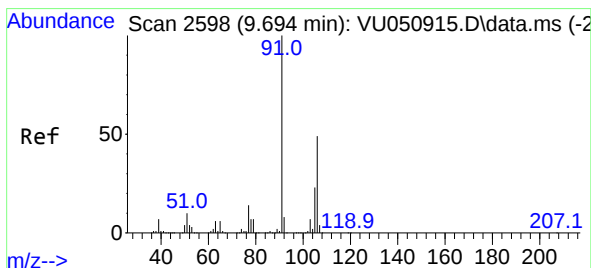
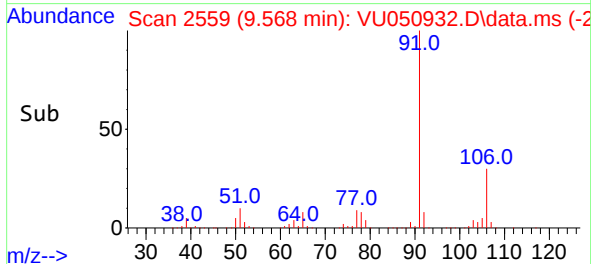
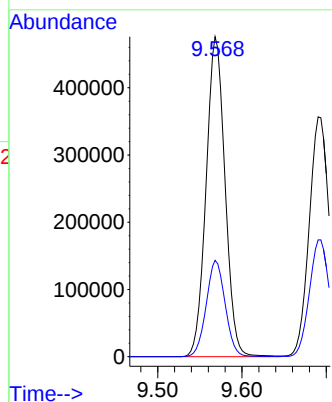
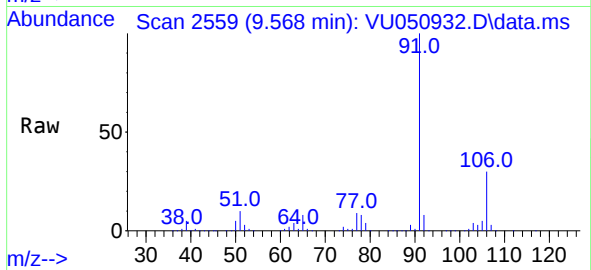




#52
Ethylbenzene
Concen: 50.090 ug/L
RT: 9.568 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050932.D
Acq: 23 Sep 2022 20:15

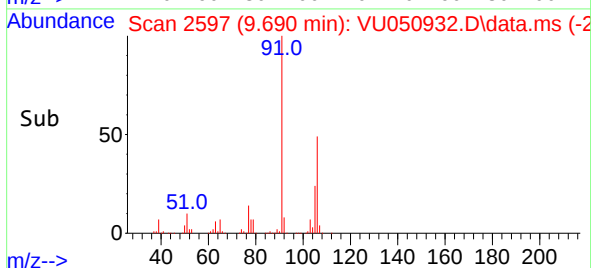
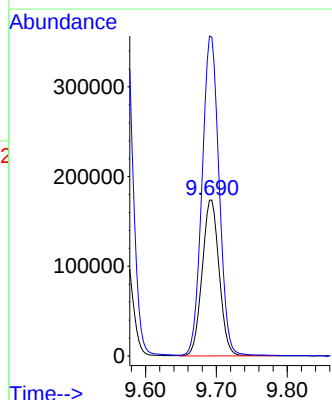
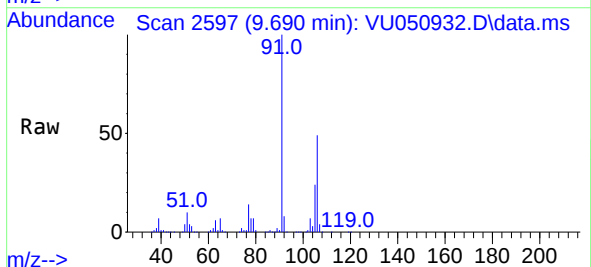
Instrument :
MSVOA_U
ClientSampleId :
ESQS0MS

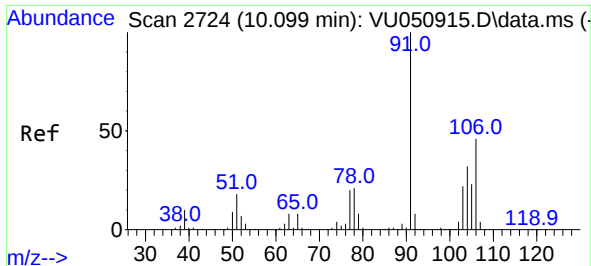
Tgt Ion: 91 Resp: 745194
Ion Ratio Lower Upper
91 100
106 30.1 21.0 39.0



#53
m,p-Xylene
Concen: 52.265 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU050932.D
Acq: 23 Sep 2022 20:15

Tgt Ion: 106 Resp: 289082
Ion Ratio Lower Upper
106 100
91 205.2 144.0 267.4

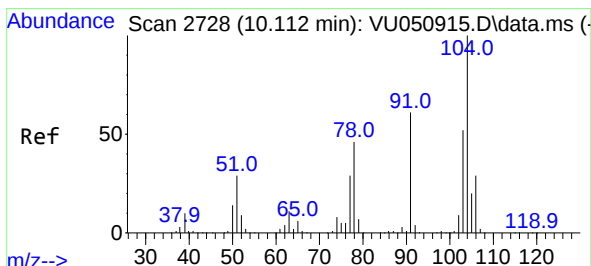
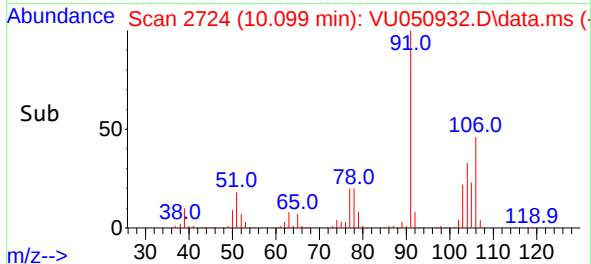
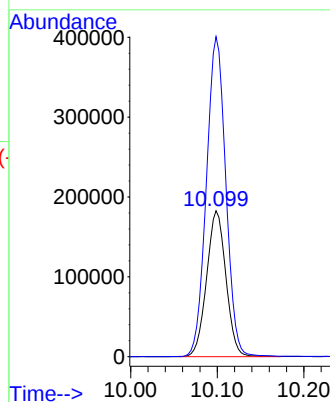
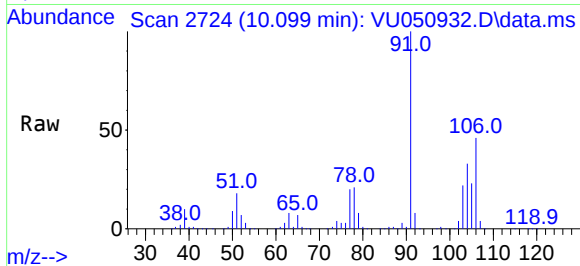




#54
o-Xylene
Concen: 51.373 ug/L
RT: 10.099 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050932.D
Acq: 23 Sep 2022 20:15

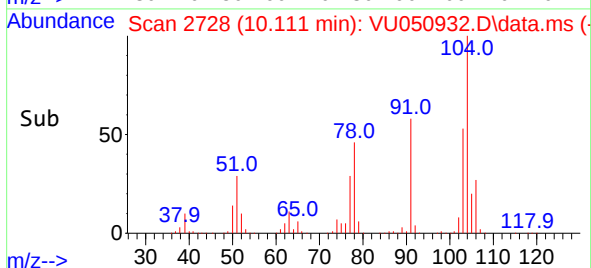
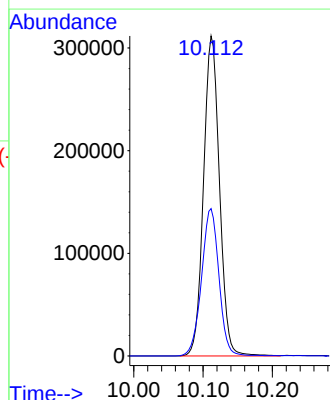
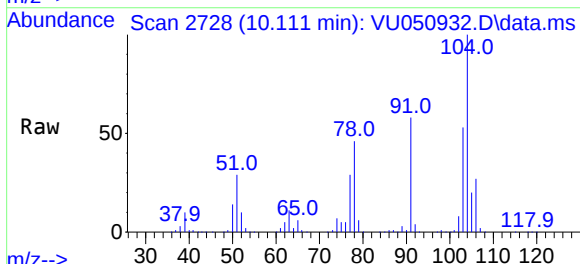
Instrument :
MSVOA_U
ClientSampleId :
ESQS0MS

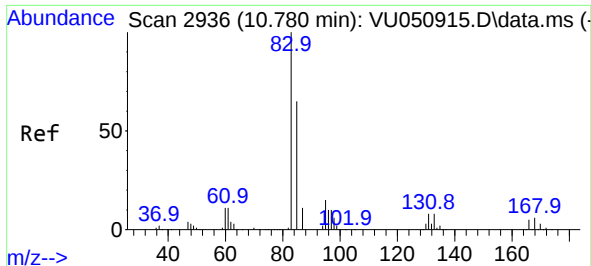
Tgt Ion:106 Resp: 283115
Ion Ratio Lower Upper
106 100
91 219.3 154.6 287.0



#55
Styrene
Concen: 52.672 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU050932.D
Acq: 23 Sep 2022 20:15

Tgt Ion:104 Resp: 497677
Ion Ratio Lower Upper
104 100
78 46.1 32.4 60.2

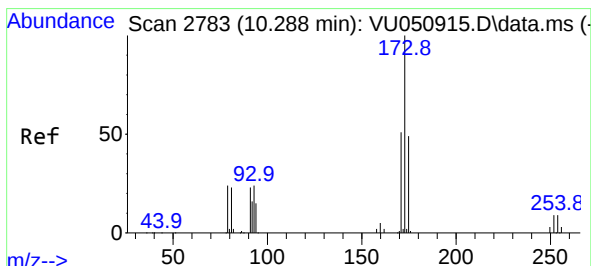
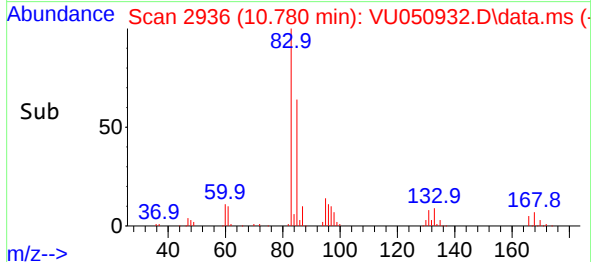
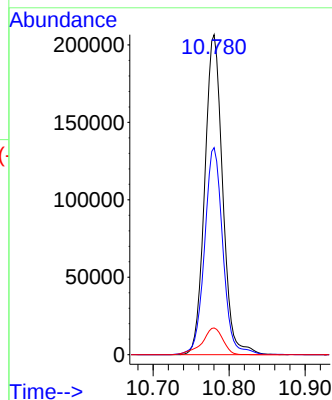
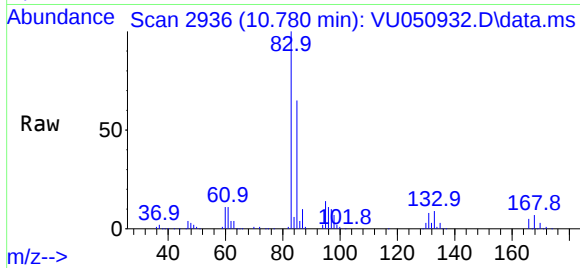




#57
1,1,2,2-Tetrachloroethane
Concen: 48.103 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU050932.D
Acq: 23 Sep 2022 20:15

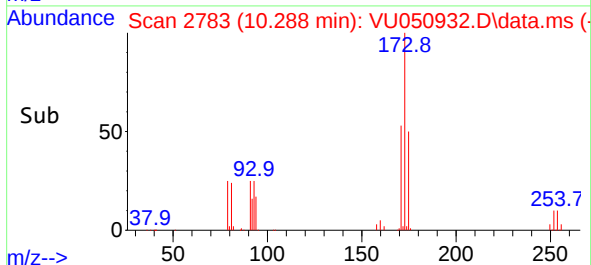
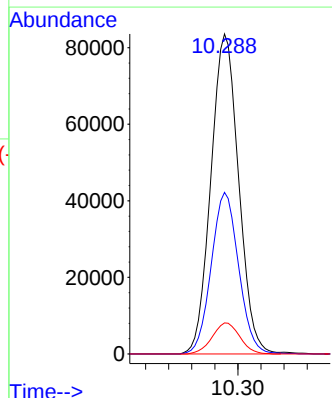
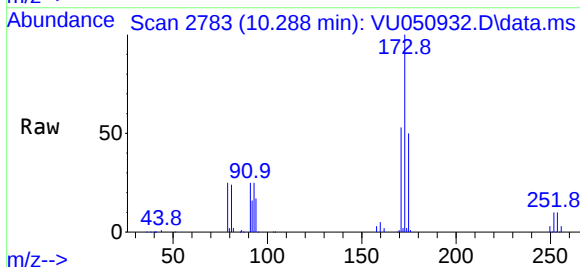
Instrument :
MSVOA_U
ClientSampleId :
ESQS0MS

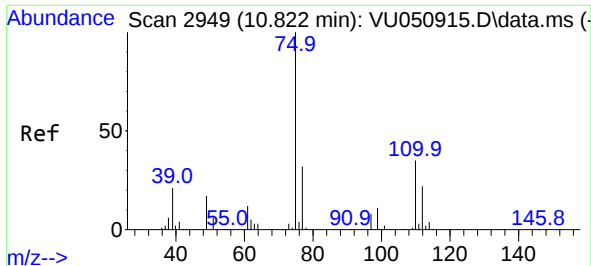
Tgt Ion: 83 Resp: 337182
Ion Ratio Lower Upper
83 100
85 64.7 45.1 83.9
131 8.3 7.1 10.7



#59
Bromoform
Concen: 48.693 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. -0.000 min
Lab File: VU050932.D
Acq: 23 Sep 2022 20:15

Tgt Ion:173 Resp: 139275
Ion Ratio Lower Upper
173 100
175 49.9 37.8 56.8
254 9.7 7.1 10.7

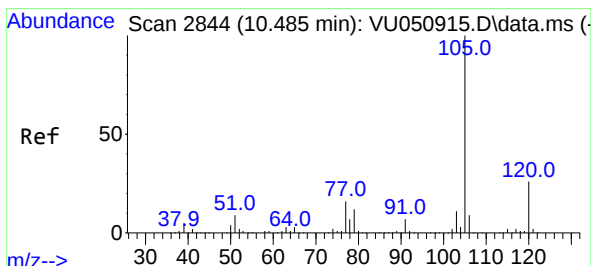
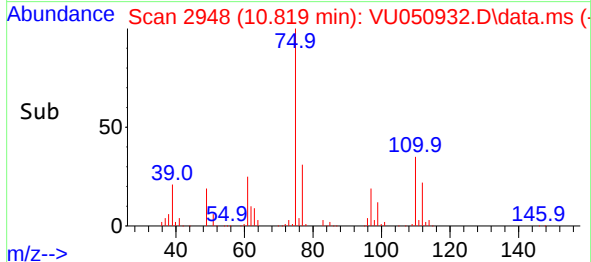
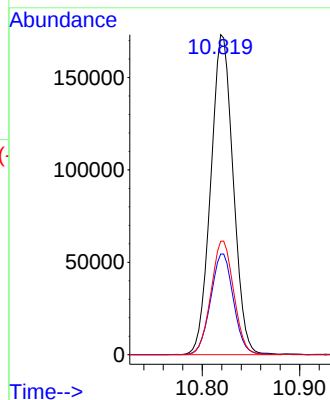
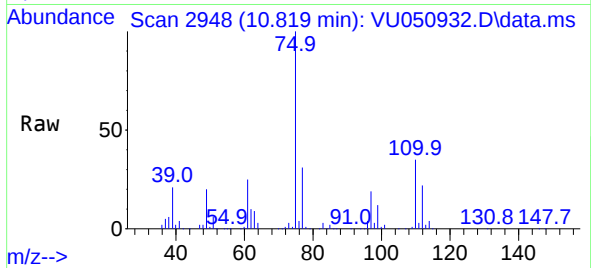




#60
1,2,3-Trichloropropane
Concen: 49.800 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VU050932.D
Acq: 23 Sep 2022 20:15

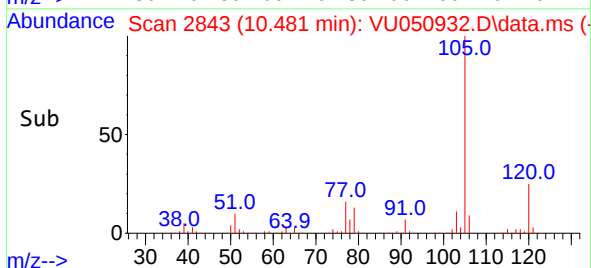
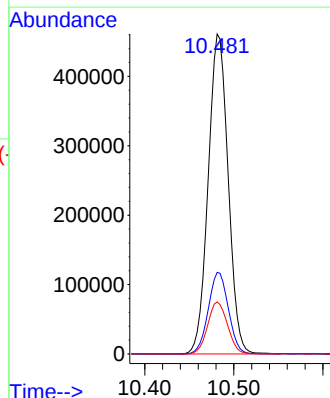
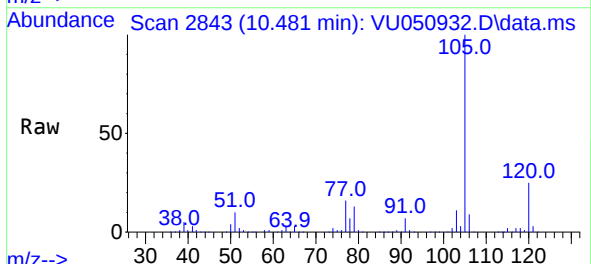
Instrument :
MSVOA_U
ClientSampleId :
ESQS0MS

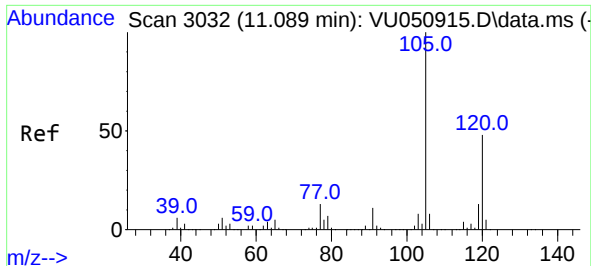
Tgt Ion: 75 Resp: 277584
Ion Ratio Lower Upper
75 100
77 32.1 26.2 39.4
110 35.9 28.6 43.0



#61
Isopropylbenzene
Concen: 50.602 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.003 min
Lab File: VU050932.D
Acq: 23 Sep 2022 20:15

Tgt Ion: 105 Resp: 716619
Ion Ratio Lower Upper
105 100
120 25.7 20.5 30.7
77 16.2 12.9 19.3





#62

1,3,5-Trimethylbenzene

Concen: 50.212 ug/L

RT: 11.086 min Scan# 3032

Delta R.T. -0.003 min

Lab File: VU050932.D

Acq: 23 Sep 2022 20:15

Instrument :

MSVOA_U

ClientSampleId :

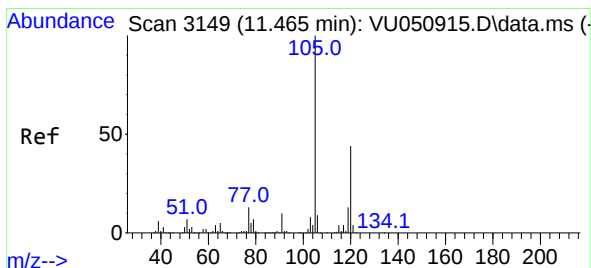
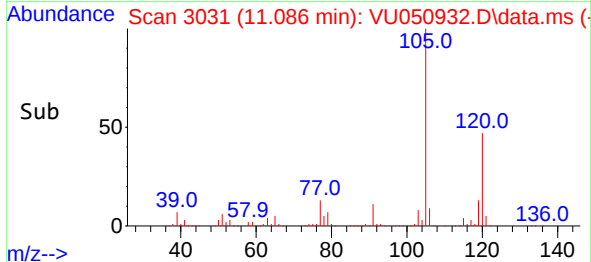
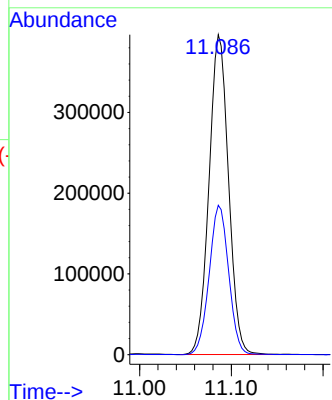
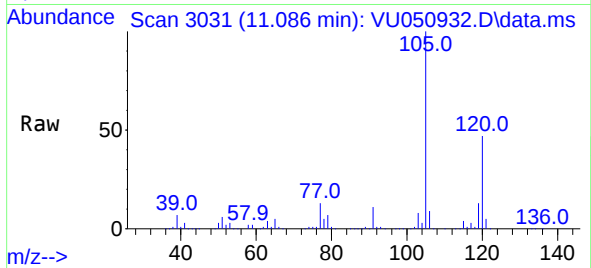
ESQS0MS

Tgt Ion:105 Resp: 584559

Ion Ratio Lower Upper

105 100

120 46.8 37.9 56.9



#63

1,2,4-Trimethylbenzene

Concen: 50.427 ug/L

RT: 11.465 min Scan# 3149

Delta R.T. -0.000 min

Lab File: VU050932.D

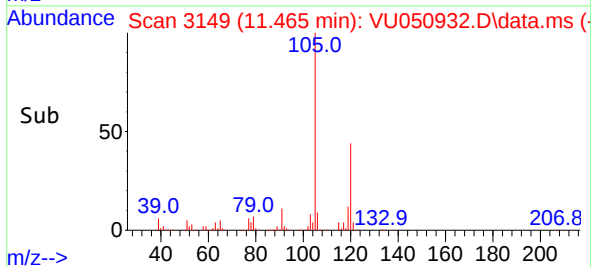
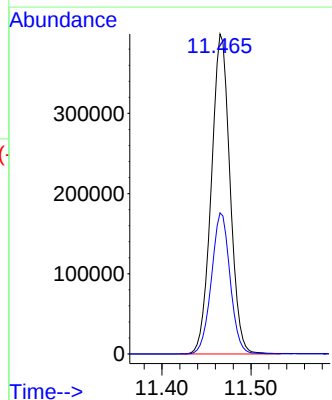
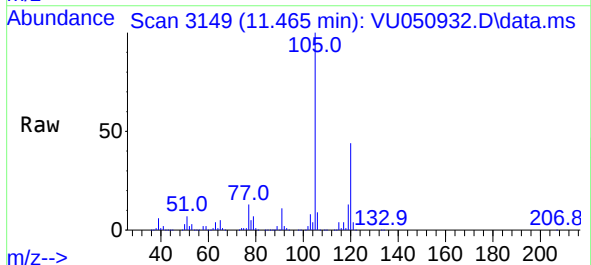
Acq: 23 Sep 2022 20:15

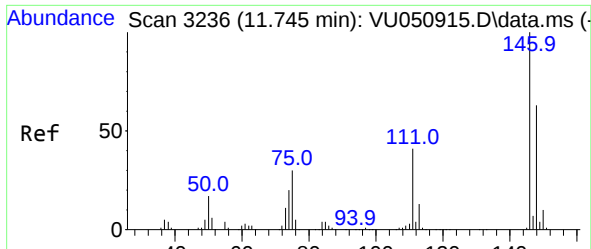
Tgt Ion:105 Resp: 581384

Ion Ratio Lower Upper

105 100

120 44.0 34.9 52.3

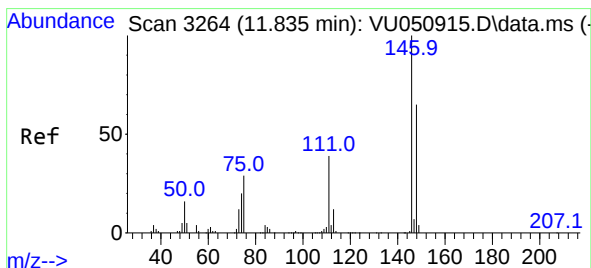
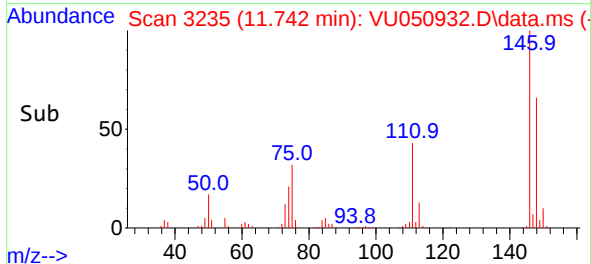
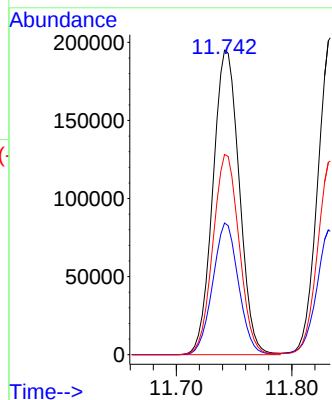
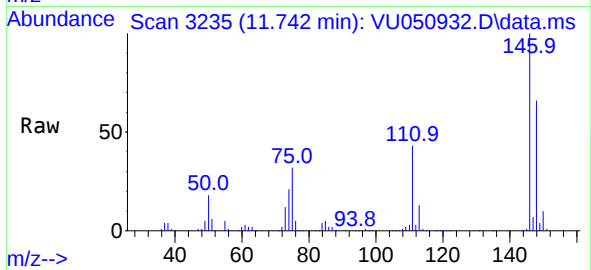




#64
1,3-Dichlorobenzene
Concen: 47.828 ug/L
RT: 11.742 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU050932.D
Acq: 23 Sep 2022 20:15

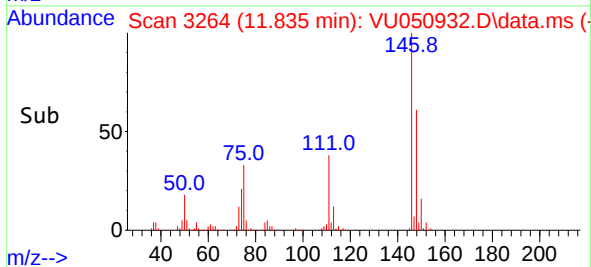
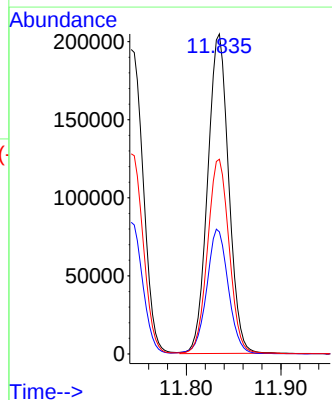
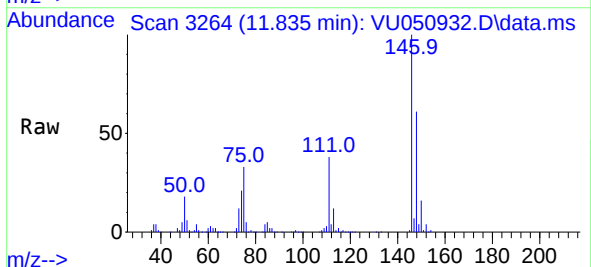
Instrument :
MSVOA_U
ClientSampleId :
ESQS0MS

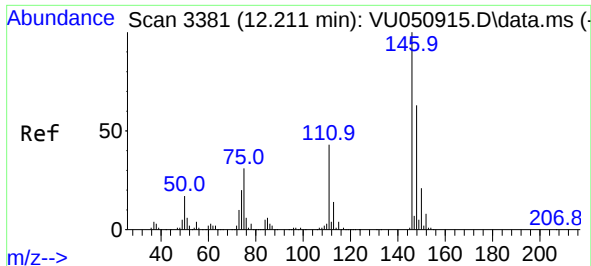
Tgt Ion:146 Resp: 309743
Ion Ratio Lower Upper
146 100
111 43.3 27.9 51.7
148 65.7 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 48.031 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU050932.D
Acq: 23 Sep 2022 20:15

Tgt Ion:146 Resp: 315796
Ion Ratio Lower Upper
146 100
111 38.1 27.5 51.1
148 60.9 45.4 84.2

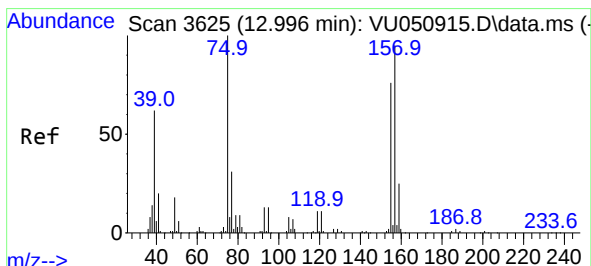
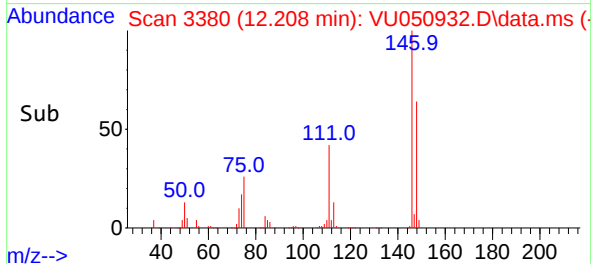
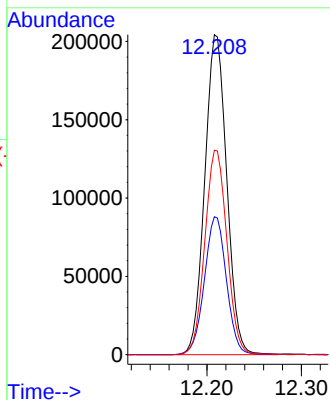
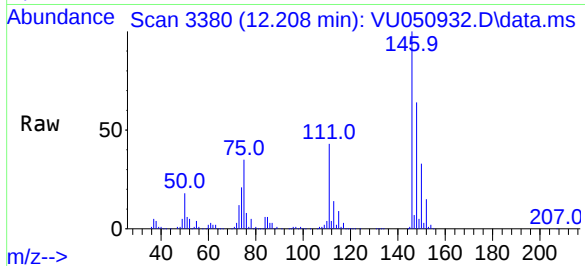




#67
1,2-Dichlorobenzene
Concen: 48.152 ug/L
RT: 12.208 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU050932.D
Acq: 23 Sep 2022 20:15

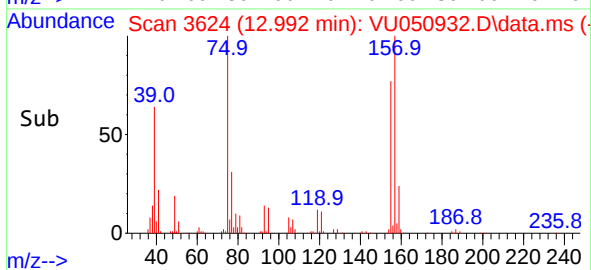
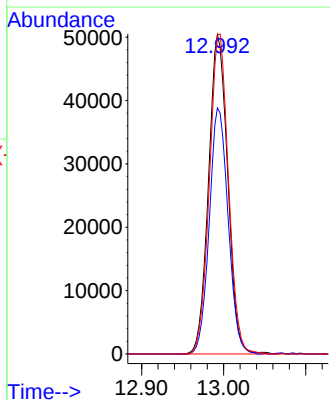
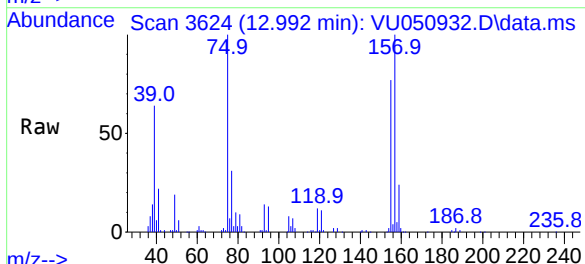
Instrument :
MSVOA_U
ClientSampleId :
ESQS0MS

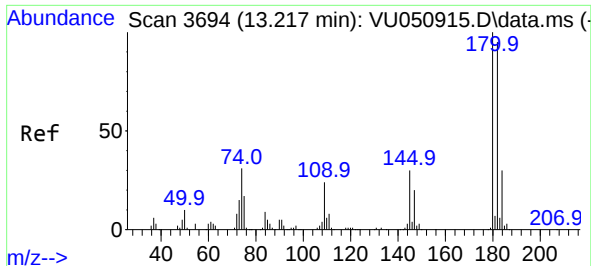
Tgt Ion:146 Resp: 330192
Ion Ratio Lower Upper
146 100
111 43.1 35.2 52.8
148 63.9 52.0 78.0



#68
1,2-Dibromo-3-chloropropane
Concen: 53.438 ug/L
RT: 12.992 min Scan# 3624
Delta R.T. -0.003 min
Lab File: VU050932.D
Acq: 23 Sep 2022 20:15

Tgt Ion: 75 Resp: 81924
Ion Ratio Lower Upper
75 100
155 77.1 63.8 95.8
157 99.9 81.8 122.8



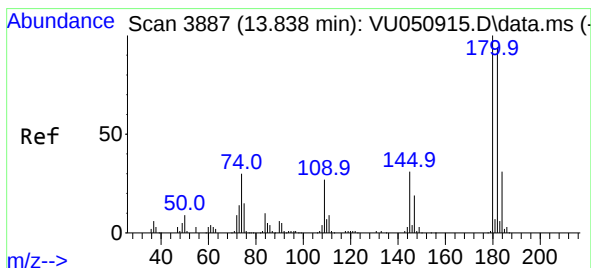
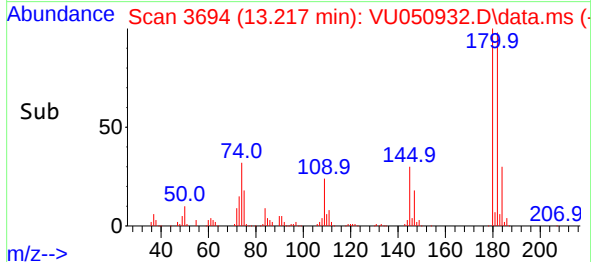
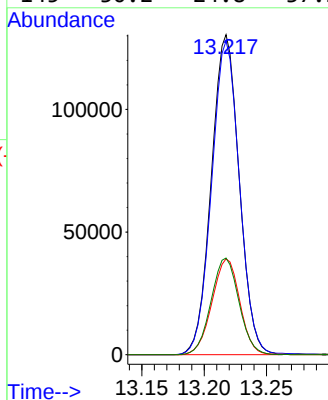
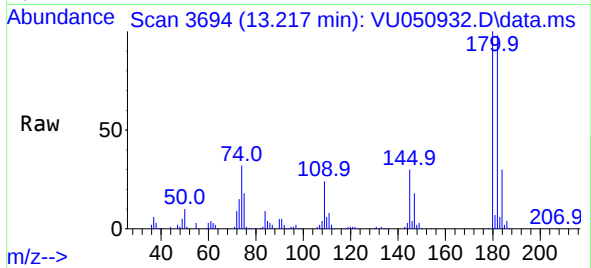


#69
1,3,5-Trichlorobenzene
Concen: 44.778 ug/L
RT: 13.217 min Scan# 3694
Delta R.T. -0.000 min
Lab File: VU050932.D
Acq: 23 Sep 2022 20:15

Instrument :
MSVOA_U
ClientSampleId :
ESQS0MS

Tgt Ion:180 Resp: 202895

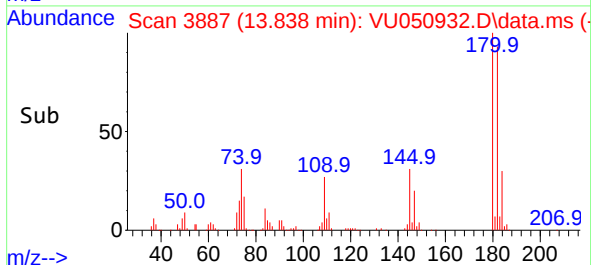
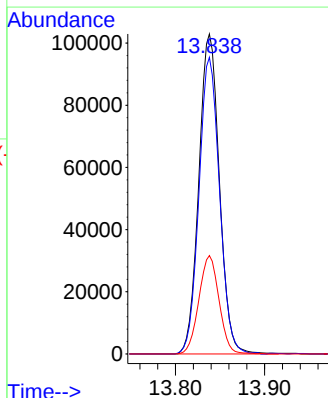
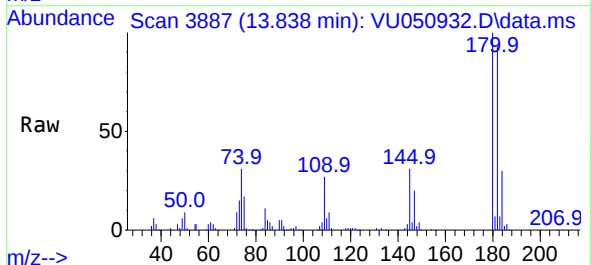
Ion	Ratio	Lower	Upper
180	100		
182	97.9	78.2	117.2
184	29.9	24.8	37.2
145	30.2	24.8	37.2

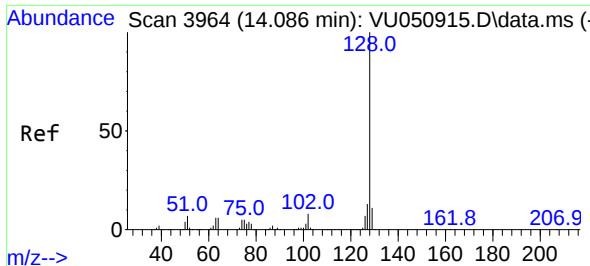


#70
1,2,4-trichlorobenzene
Concen: 44.458 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. -0.000 min
Lab File: VU050932.D
Acq: 23 Sep 2022 20:15

Tgt Ion:180 Resp: 164853

Ion	Ratio	Lower	Upper
180	100		
182	92.6	76.2	114.2
145	30.1	25.1	37.7



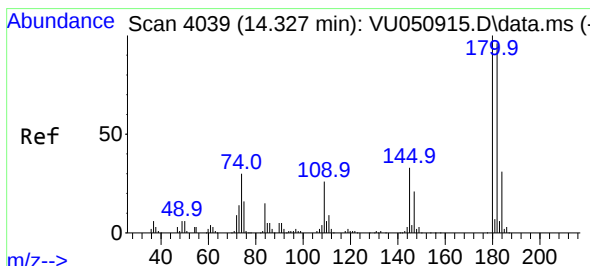
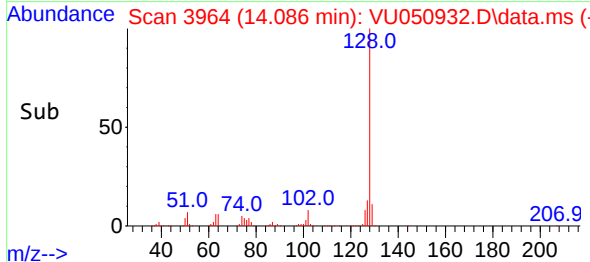
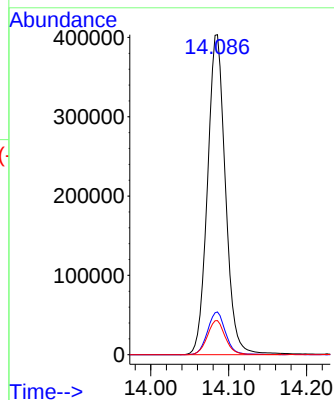
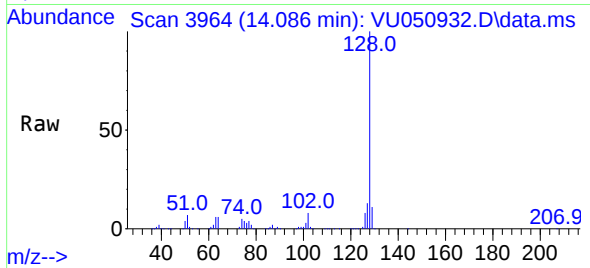


#71
Naphthalene
Concen: 45.421 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU050932.D
Acq: 23 Sep 2022 20:15

Instrument :
MSVOA_U
ClientSampleId :
ESQS0MS

Tgt Ion:128 Resp: 647299

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	16.0
129	10.7	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 46.106 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU050932.D
Acq: 23 Sep 2022 20:15

Tgt Ion:180 Resp: 191345

Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.9	115.3
145	32.4	26.3	39.5

