

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U081122\
 Data File : VU050242.D
 Acq On : 11 Aug 2022 20:01
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 12 01:35:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 01:30:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	92627	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	92755	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	42377	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	37757	4.898	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.000%
7) Chloroethane-d5	1.912	69	33139	5.329	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.600%
11) 1,1-Dichloroethene-d2	2.565	65	14626	4.855	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.000%
20) 2-Butanone-d5	4.639	46	114976	61.164	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.320%
24) Chloroform-d	5.067	84	78704	5.489	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.800%
26) 1,2-Dichloroethane-d4	5.703	65	39376	5.349	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.000%
32) Benzene-d6	5.729	84	150105	5.186	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
36) 1,2-Dichloropropane-d6	6.694	67	50073	5.253	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.000%
41) Toluene-d8	7.899	98	133911	5.238	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
43) trans-1,3-Dichloroprop...	8.182	79	17016	4.982	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.600%
46) 2-Hexanone-d5	8.636	63	70875	58.513	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.020%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	44972	5.373	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	41719	5.025	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	40875	4.813	ug/L	99
3) Chloromethane	1.517	50	55899	5.032	ug/L	99
5) Vinyl chloride	1.601	62	52242	5.250	ug/L	100
6) Bromomethane	1.855	94	43597	6.863	ug/L	98
8) Chloroethane	1.932	64	32361	5.519	ug/L	98
9) Trichlorofluoromethane	2.134	101	57355	5.263	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	32058	5.288	ug/L	96
12) 1,1-Dichloroethene	2.578	96	33354	5.209	ug/L	89
13) Acetone	2.652	43	73170	69.894	ug/L	94
14) Carbon disulfide	2.790	76	112885	4.936	ug/L	100
15) Methyl Acetate	2.961	43	19260	6.738	ug/L	90
16) Methylene chloride	3.044	84	48888	4.997	ug/L	98
17) Methyl tert-butyl Ether	3.369	73	89655	5.365	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	37211	5.191	ug/L	96
19) 1,1-Dichloroethane	3.871	63	76199	5.613	ug/L	98
21) 2-Butanone	4.719	43	120447	63.982	ug/L	96
22) cis-1,2-Dichloroethene	4.668	96	43301	5.442	ug/L	99
23) Bromochloromethane	4.977	128	21301	5.601	ug/L	96
25) Chloroform	5.089	83	78249	5.407	ug/L	99

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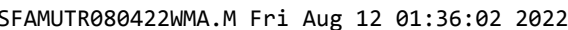
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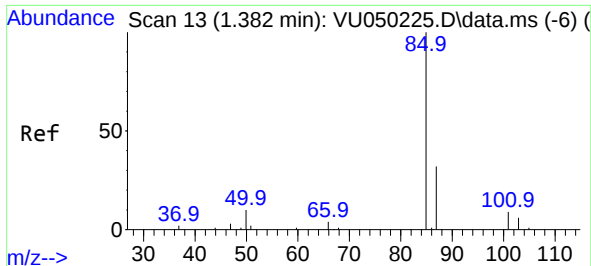
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	48825	5.543	ug/L	100
29) 1,1,1-Trichloroethane	5.317	97	61164	5.375	ug/L	99
30) Cyclohexane	5.388	56	46129	4.653	ug/L	99
31) Carbon tetrachloride	5.526	117	49147	5.269	ug/L	100
33) Benzene	5.774	78	171098	5.265	ug/L	100
34) Trichloroethene	6.542	95	40945	5.209	ug/L	97
35) Methylcyclohexane	6.764	83	46441	4.577	ug/L	99
37) 1,2-Dichloropropane	6.790	63	45834	5.295	ug/L	100
38) Bromodichloromethane	7.108	83	56405	5.364	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	56117	4.967	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	281954	56.235	ug/L	99
42) Toluene	7.970	91	176283	5.409	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	48892	5.046	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	35274	5.451	ug/L	97
47) Tetrachloroethene	8.555	164	28807	5.115	ug/L	97
48) 2-Hexanone	8.687	43	224383	57.862	ug/L	98
49) Dibromochloromethane	8.812	129	38637	5.395	ug/L	98
50) 1,2-Dibromoethane	8.925	107	31825	5.424	ug/L	98
51) Chlorobenzene	9.449	112	105031	5.122	ug/L	98
52) Ethylbenzene	9.571	91	161478	5.077	ug/L	100
53) m,p-Xylene	9.697	106	62099	5.302	ug/L	99
54) o-Xylene	10.102	106	61913	5.295	ug/L	99
55) Styrene	10.115	104	104168	5.333	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	46477	5.466	ug/L	97
59) Bromoform	10.292	173	21454	5.048	ug/L	99
60) Isopropylbenzene	10.484	105	149186	5.271	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	31474	5.452	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	38951	4.871	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	108421	4.977	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	72580	5.088	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	69931	5.038	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	72215	5.228	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	6654	5.879	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	49181	4.840	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	36703	4.767	ug/L	99
71) Naphthalene	14.089	128	68191	4.319	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	37636	4.822	ug/L	97

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

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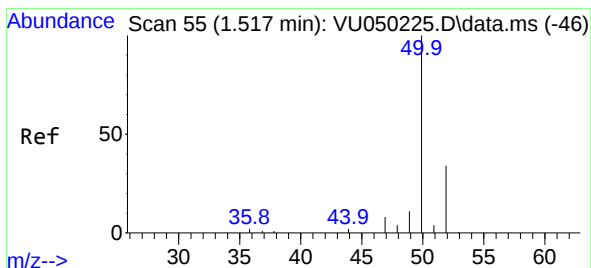
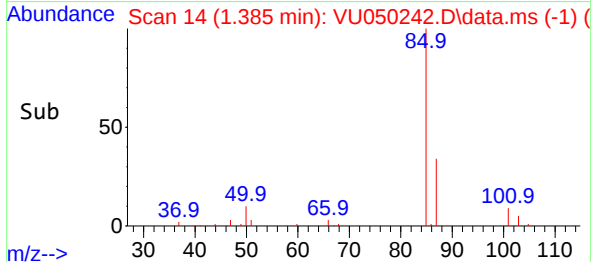
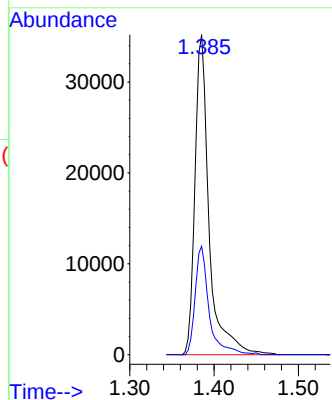
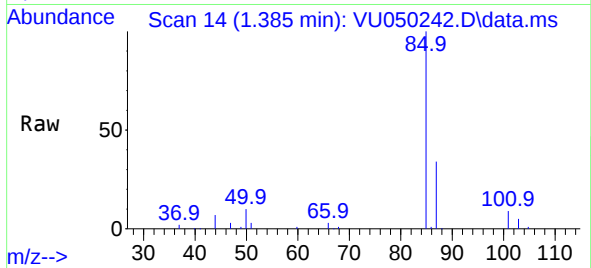




#2
Dichlorodifluoromethane
Concen: 4.813 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU050242.D
Acq: 11 Aug 2022 20:01

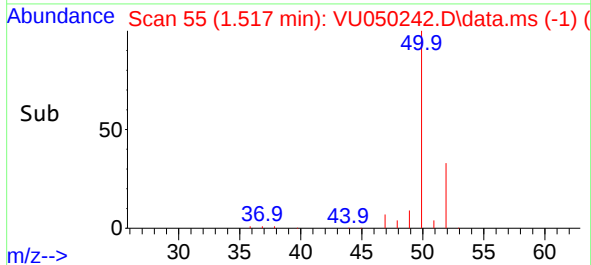
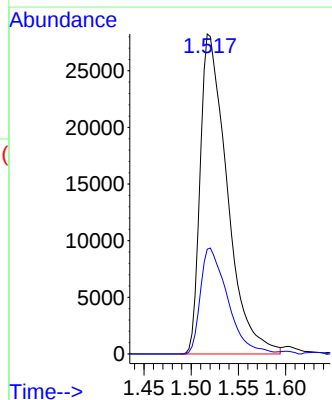
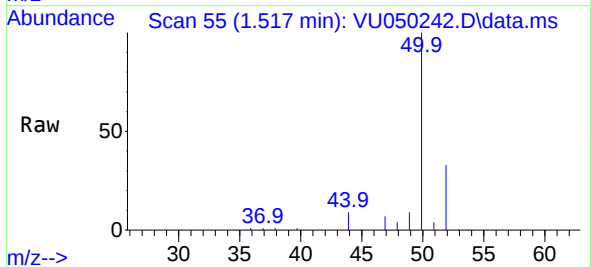
Instrument :
MSVOA_U
ClientSampleId :

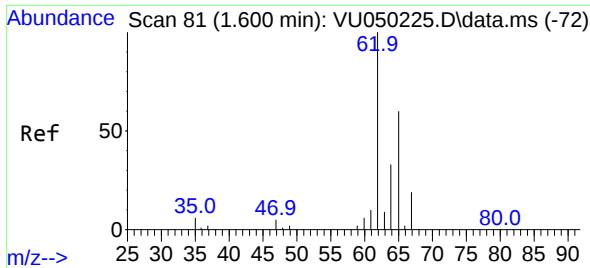
Tgt Ion: 85 Resp: 40875
Ion Ratio Lower Upper
85 100
87 33.5 26.2 39.4



#3
Chloromethane
Concen: 5.032 ug/L
RT: 1.517 min Scan# 55
Delta R.T. 0.000 min
Lab File: VU050242.D
Acq: 11 Aug 2022 20:01

Tgt Ion: 50 Resp: 55899
Ion Ratio Lower Upper
50 100
52 32.7 23.2 43.2

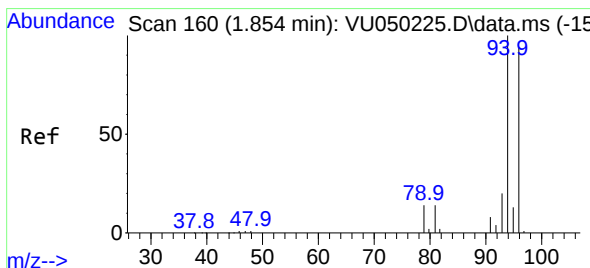
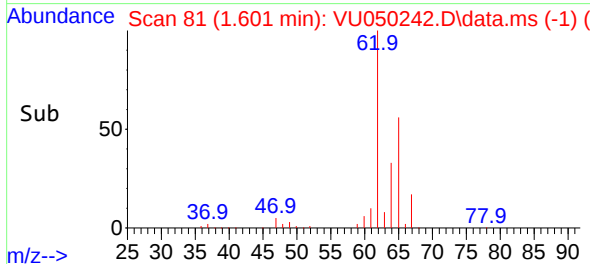
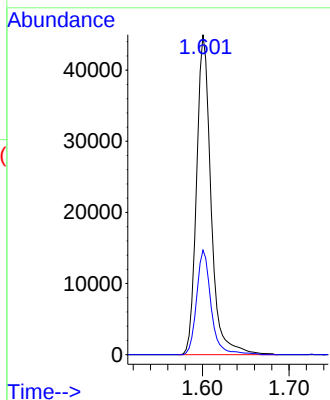
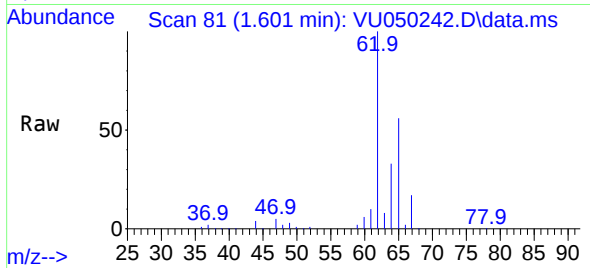




#5
 Vinyl chloride
 Concen: 5.250 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU050242.D
 Acq: 11 Aug 2022 20:01

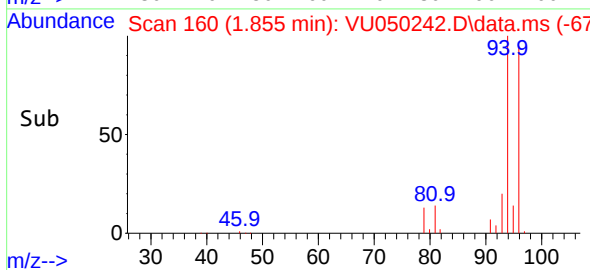
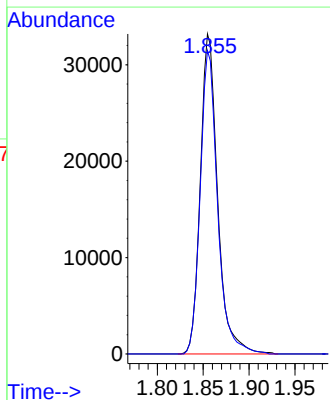
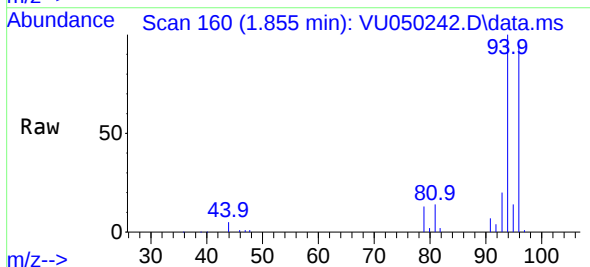
Instrument :
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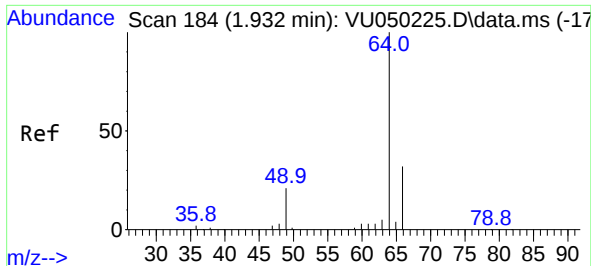
Tgt Ion: 62 Resp: 52242
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.8 42.4



#6
 Bromomethane
 Concen: 6.863 ug/L
 RT: 1.855 min Scan# 160
 Delta R.T. 0.000 min
 Lab File: VU050242.D
 Acq: 11 Aug 2022 20:01

Tgt Ion: 94 Resp: 43597
 Ion Ratio Lower Upper
 94 100
 96 94.8 65.3 121.3

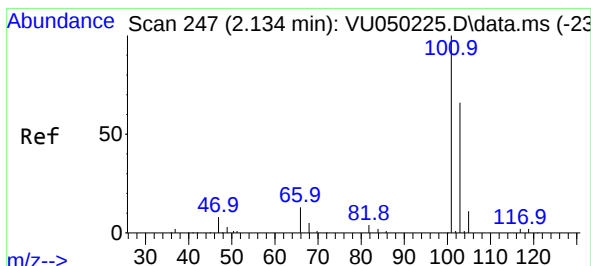
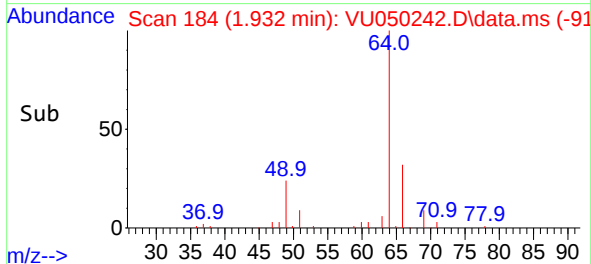
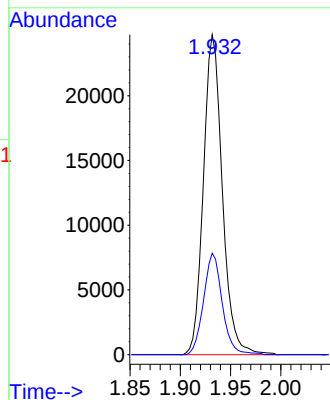
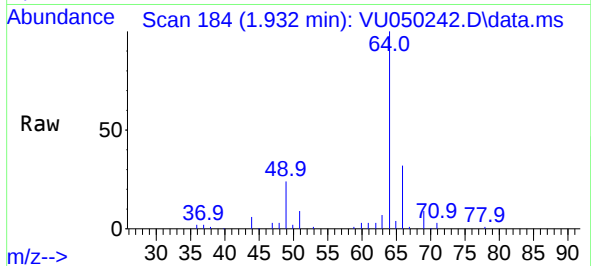




#8
Chloroethane
Concen: 5.519 ug/L
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU050242.D
Acq: 11 Aug 2022 20:01

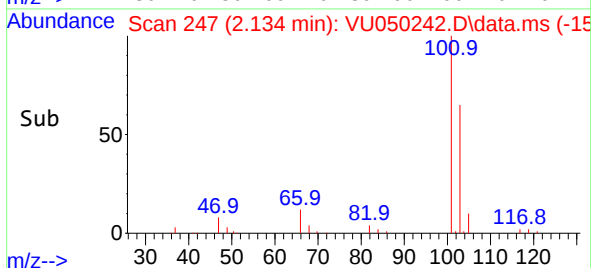
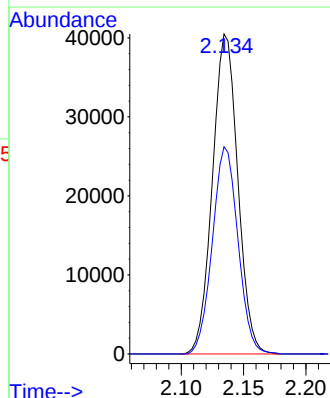
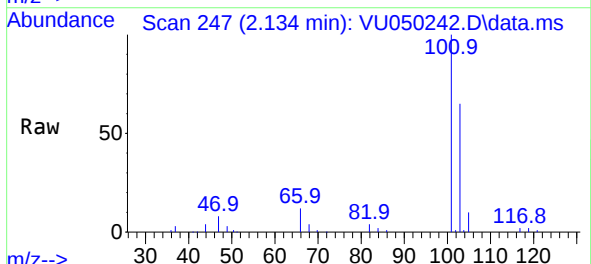
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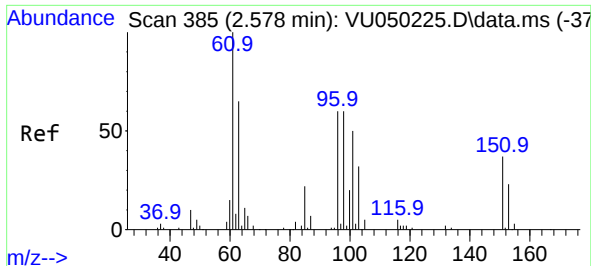
Tgt Ion: 64 Resp: 32361
Ion Ratio Lower Upper
64 100
66 31.7 22.8 42.4



#9
Trichlorofluoromethane
Concen: 5.263 ug/L
RT: 2.134 min Scan# 247
Delta R.T. 0.000 min
Lab File: VU050242.D
Acq: 11 Aug 2022 20:01

Tgt Ion:101 Resp: 57355
Ion Ratio Lower Upper
101 100
103 65.2 52.6 78.8

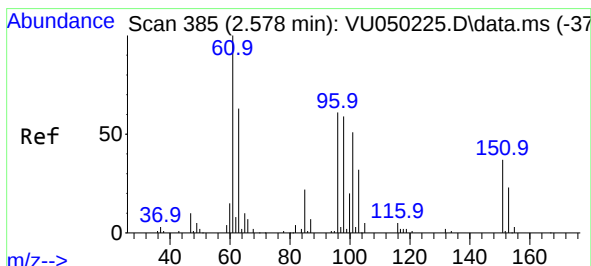
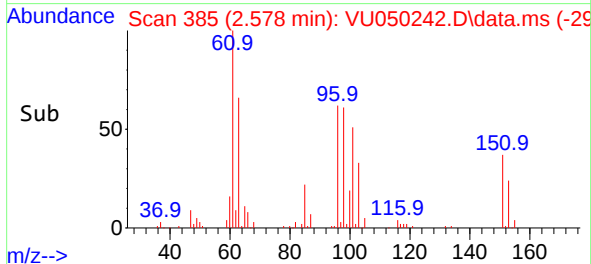
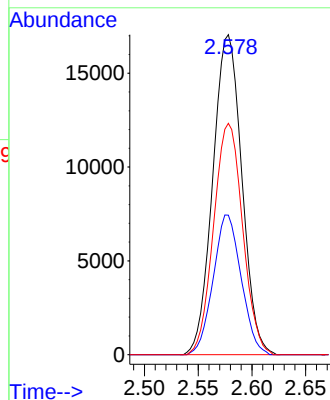
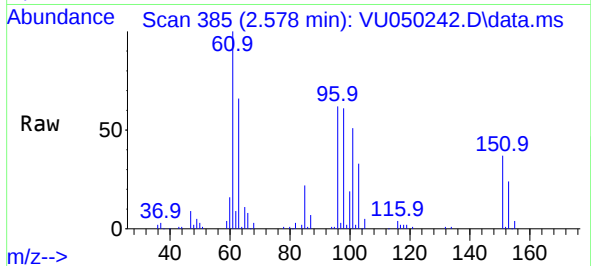




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.288 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU050242.D
Acq: 11 Aug 2022 20:01

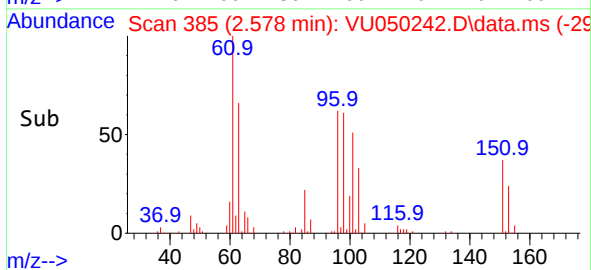
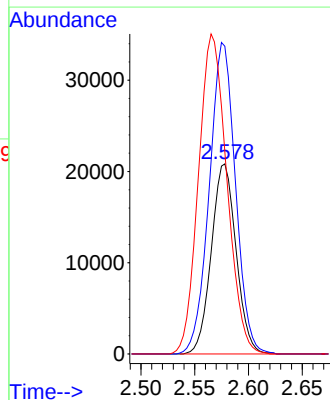
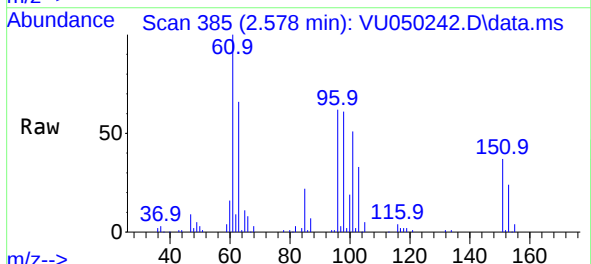
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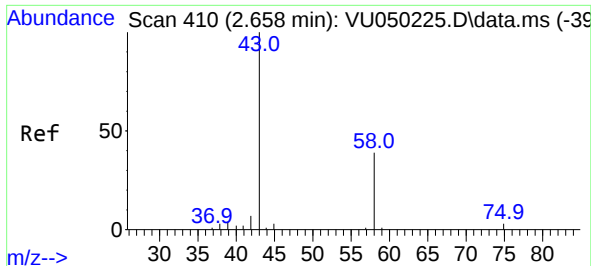
Tgt Ion:101 Resp: 32058
Ion Ratio Lower Upper
101 100
85 42.1 35.6 53.4
151 72.2 55.2 82.8



#12
1,1-Dichloroethene
Concen: 5.209 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU050242.D
Acq: 11 Aug 2022 20:01

Tgt Ion: 96 Resp: 33354
Ion Ratio Lower Upper
96 100
61 161.9 122.7 227.9
63 106.3 85.1 158.1





#13

Acetone

Concen: 69.894 ug/L

RT: 2.652 min Scan# 408

Delta R.T. -0.006 min

Lab File: VU050242.D

Acq: 11 Aug 2022 20:01

Instrument :

MSVOA_U

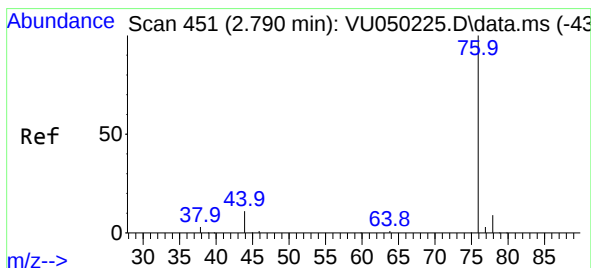
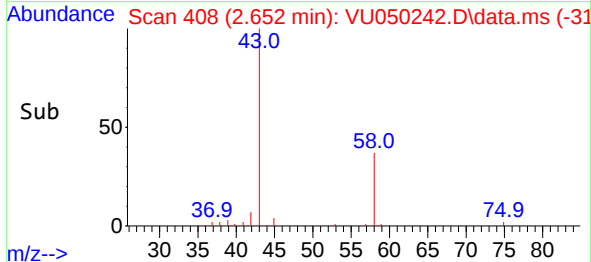
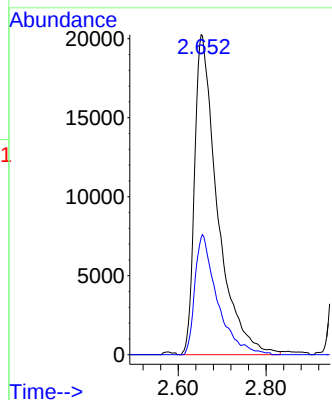
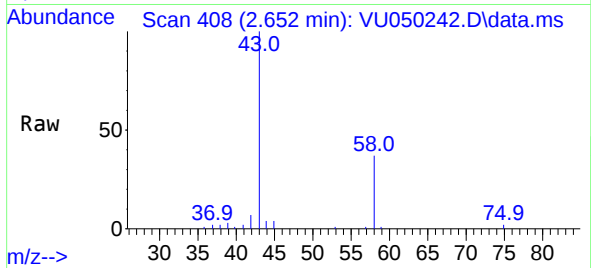
ClientSampleId :

Tgt Ion: 43 Resp: 73170

Ion Ratio Lower Upper

43 100

58 35.2 0.0 64.0



#14

Carbon disulfide

Concen: 4.936 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU050242.D

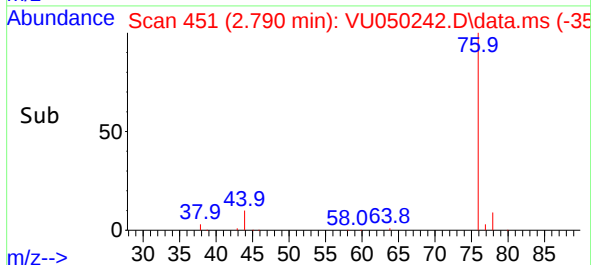
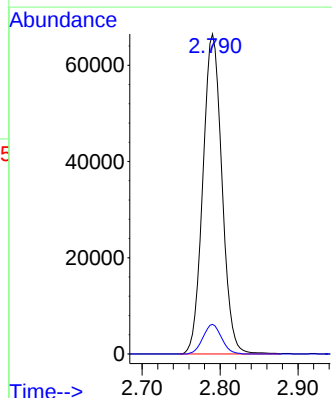
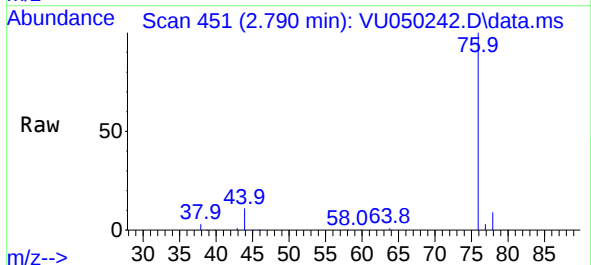
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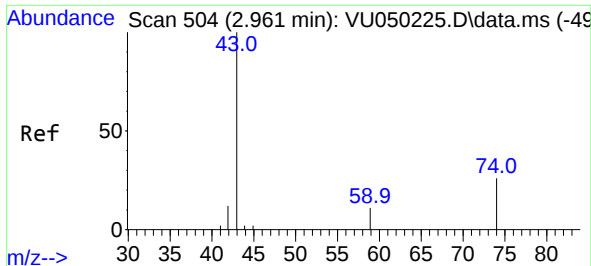
Tgt Ion: 76 Resp: 112885

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

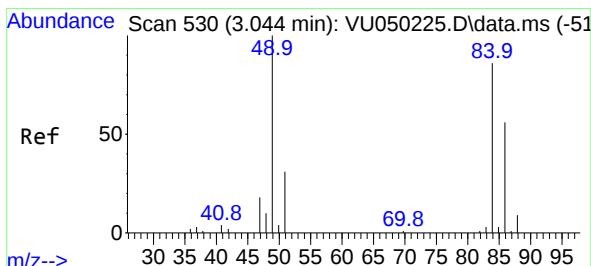
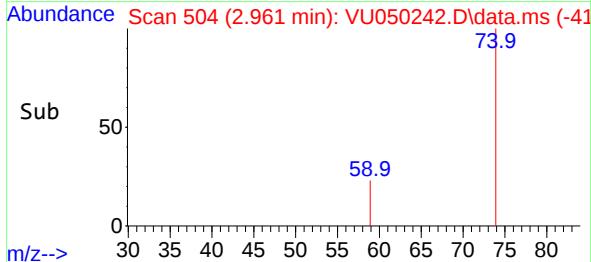
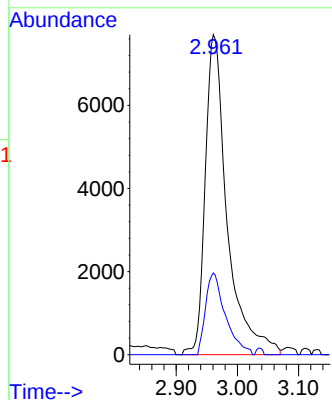
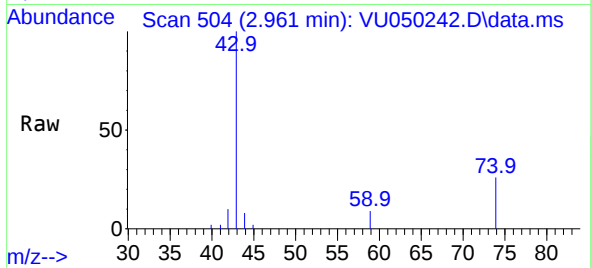




#15
Methyl Acetate
Concen: 6.738 ug/L
RT: 2.961 min Scan# 504
Delta R.T. 0.000 min
Lab File: VU050242.D
Acq: 11 Aug 2022 20:01

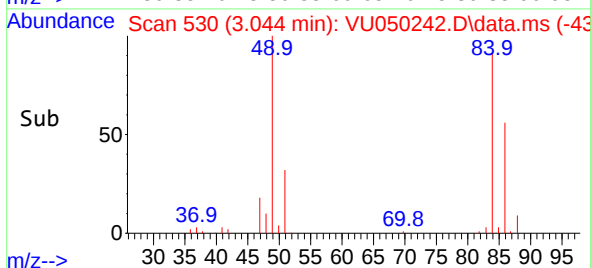
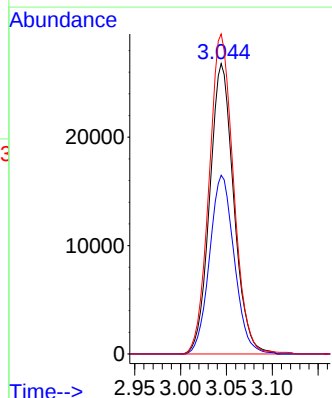
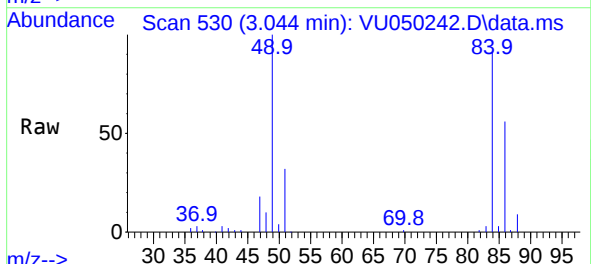
Instrument :
MSVOA_U
ClientSampleId :

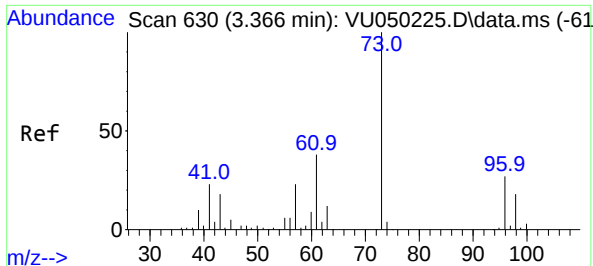
Tgt Ion: 43 Resp: 19260
Ion Ratio Lower Upper
43 100
74 23.0 22.7 34.1



#16
Methylene chloride
Concen: 4.997 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU050242.D
Acq: 11 Aug 2022 20:01

Tgt Ion: 84 Resp: 48888
Ion Ratio Lower Upper
84 100
86 61.5 45.9 85.3
49 110.2 77.6 144.0



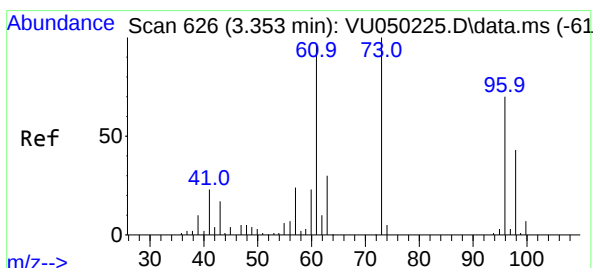
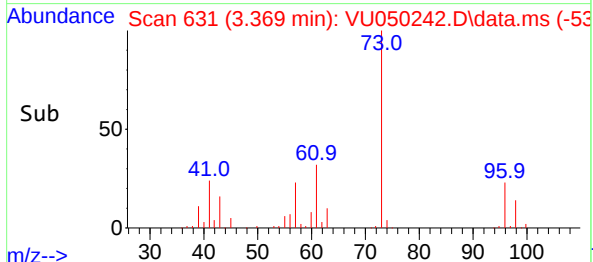
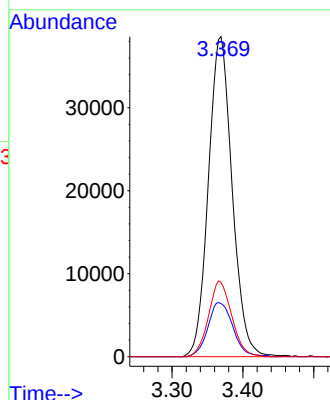
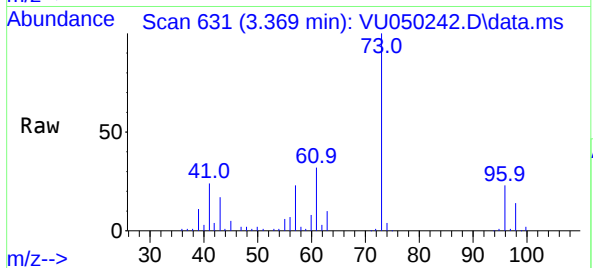


#17
Methyl tert-butyl Ether
Concen: 5.365 ug/L
RT: 3.369 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU050242.D
Acq: 11 Aug 2022 20:01

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 73 Resp: 89655

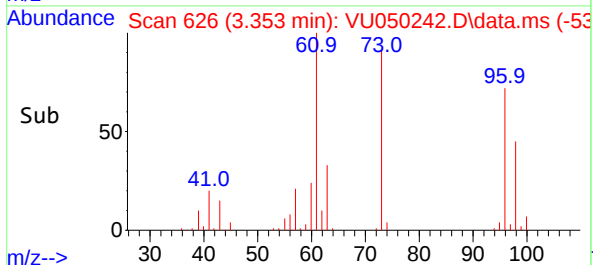
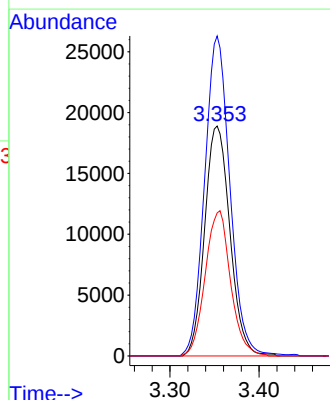
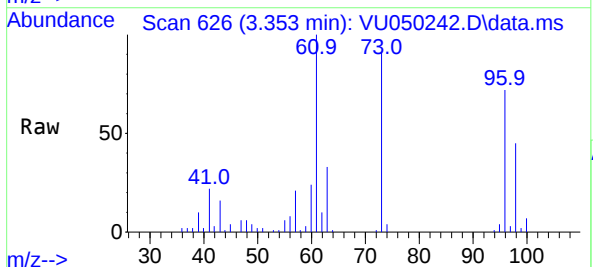
Ion	Ratio	Lower	Upper
73	100		
43	17.8	13.5	20.3
57	23.1	17.4	26.2

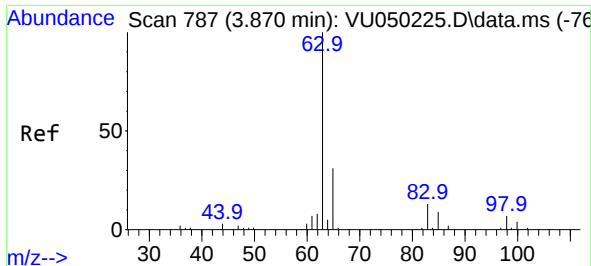


#18
trans-1,2-Dichloroethene
Concen: 5.191 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.000 min
Lab File: VU050242.D
Acq: 11 Aug 2022 20:01

Tgt Ion: 96 Resp: 37211

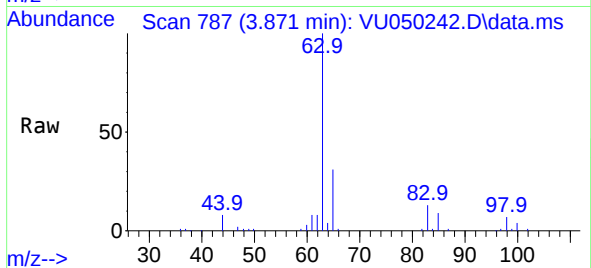
Ion	Ratio	Lower	Upper
96	100		
61	139.2	92.3	171.5
98	62.2	43.2	80.2



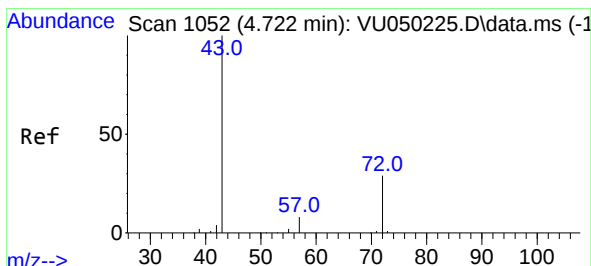
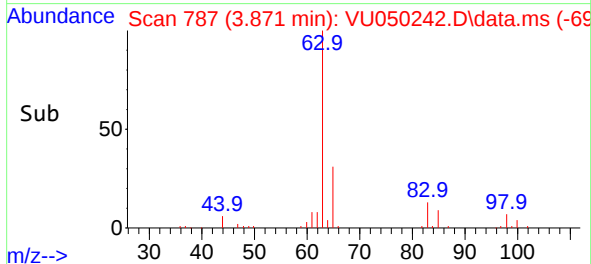
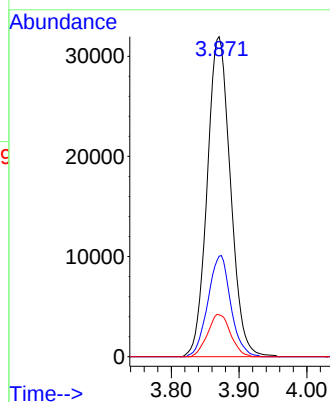


#19
1,1-Dichloroethane
Concen: 5.613 ug/L
RT: 3.871 min Scan# 761
Delta R.T. 0.000 min
Lab File: VU050242.D
Acq: 11 Aug 2022 20:01

Instrument :
MSVOA_U
ClientSampleId :

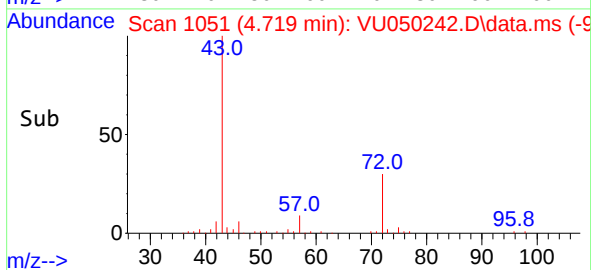
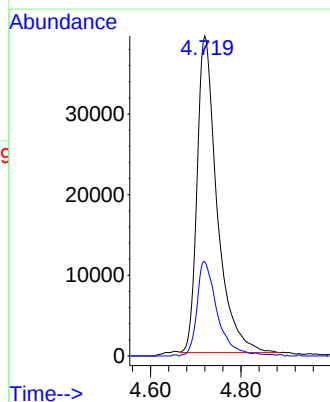
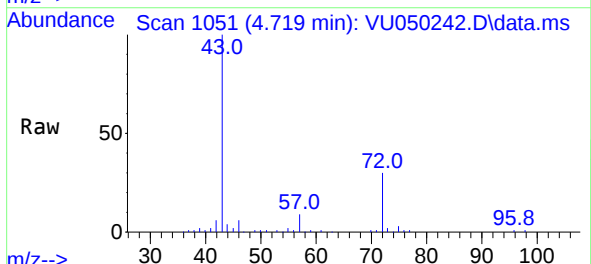


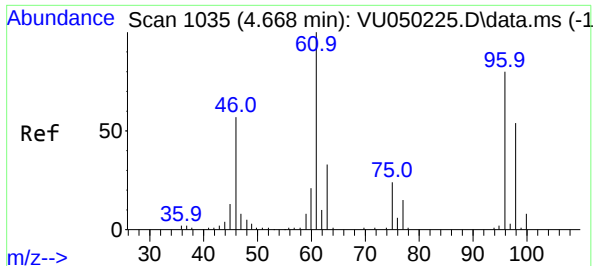
Tgt Ion: 63 Resp: 76199
Ion Ratio Lower Upper
63 100
65 31.4 22.7 42.3
83 13.1 9.8 18.2



#21
2-Butanone
Concen: 63.982 ug/L
RT: 4.719 min Scan# 1051
Delta R.T. -0.003 min
Lab File: VU050242.D
Acq: 11 Aug 2022 20:01

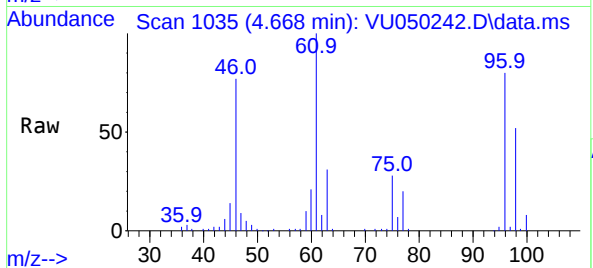
Tgt Ion: 43 Resp: 120447
Ion Ratio Lower Upper
43 100
72 29.9 14.0 42.0



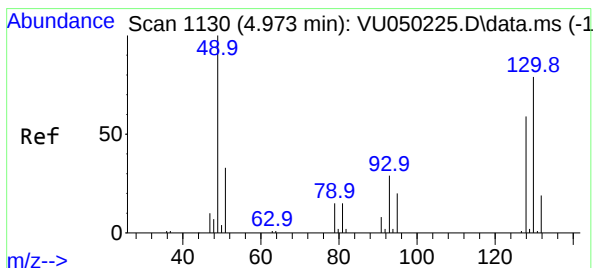
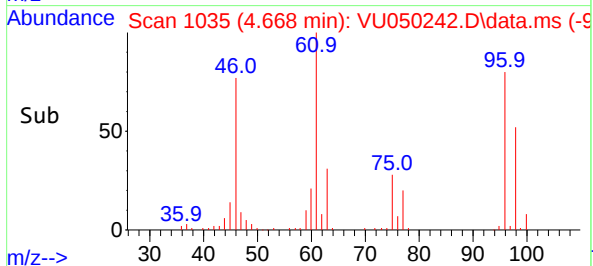
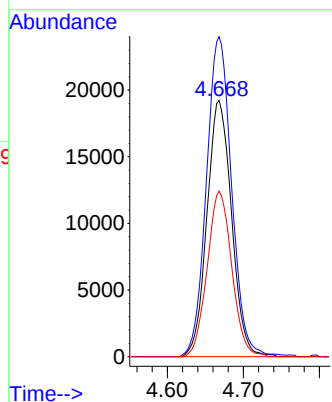


#22
 cis-1,2-Dichloroethene
 Concen: 5.442 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. 0.000 min
 Lab File: VU050242.D
 Acq: 11 Aug 2022 20:01

Instrument :
 MSVOA_U
 ClientSampleId :

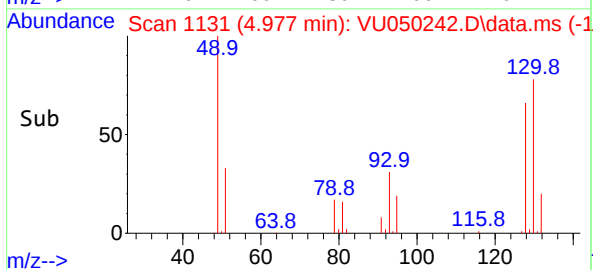
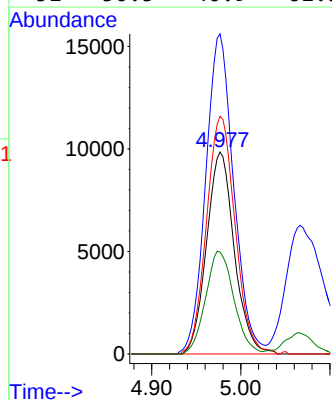
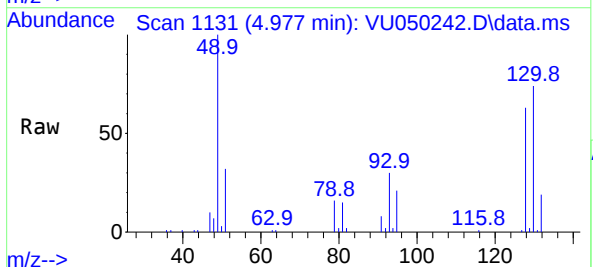


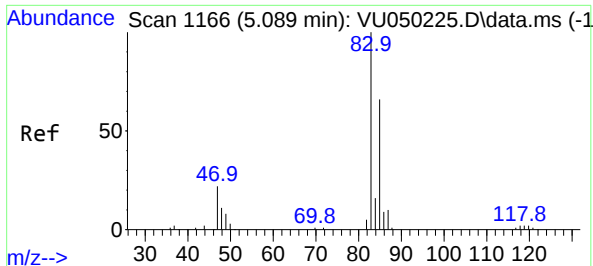
Tgt Ion: 96 Resp: 43301
 Ion Ratio Lower Upper
 96 100
 61 124.9 89.0 165.4
 98 64.6 45.2 84.0



#23
 Bromochloromethane
 Concen: 5.601 ug/L
 RT: 4.977 min Scan# 1131
 Delta R.T. 0.003 min
 Lab File: VU050242.D
 Acq: 11 Aug 2022 20:01

Tgt Ion: 128 Resp: 21301
 Ion Ratio Lower Upper
 128 100
 49 158.5 111.4 206.8
 130 117.7 90.2 167.4
 51 50.5 40.9 61.3





#25

Chloroform

Concen: 5.407 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU050242.D

Acq: 11 Aug 2022 20:01

Instrument :

MSVOA_U

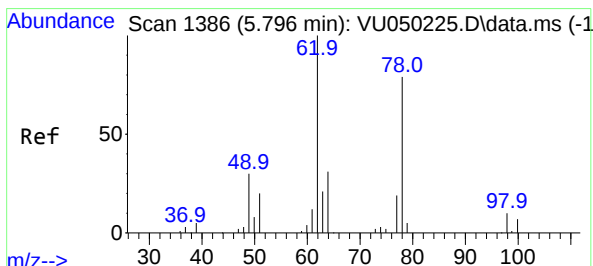
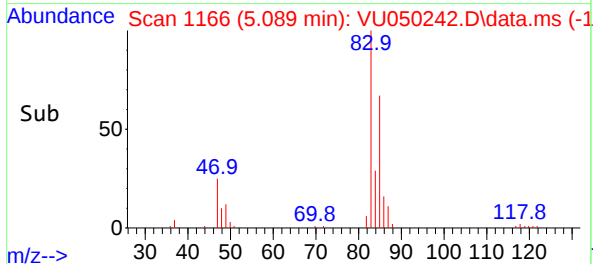
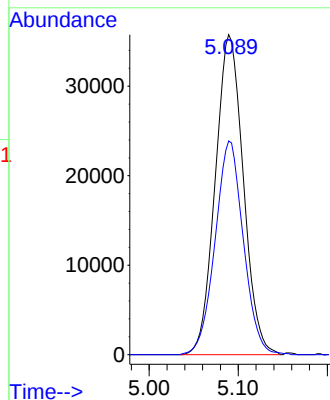
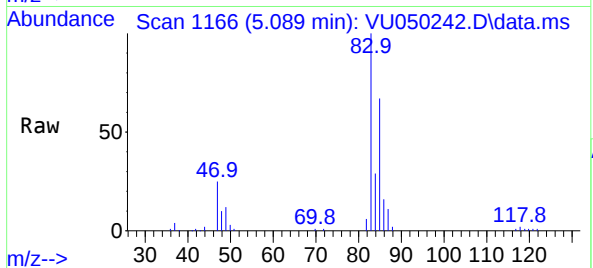
ClientSampleId :

Tgt Ion: 83 Resp: 78249

Ion Ratio Lower Upper

83 100

85 66.8 46.1 85.5



#27

1,2-Dichloroethane

Concen: 5.543 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU050242.D

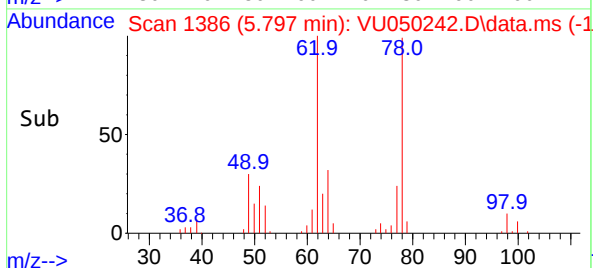
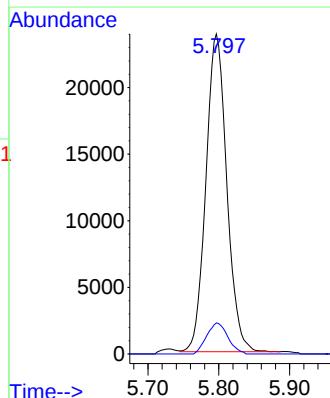
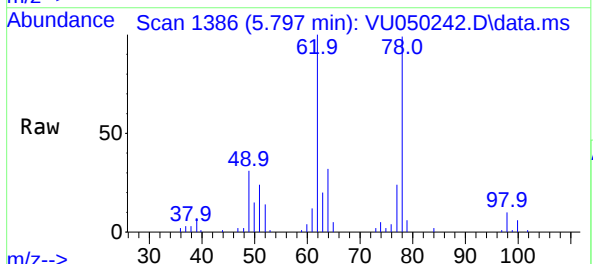
Acq: 11 Aug 2022 20:01

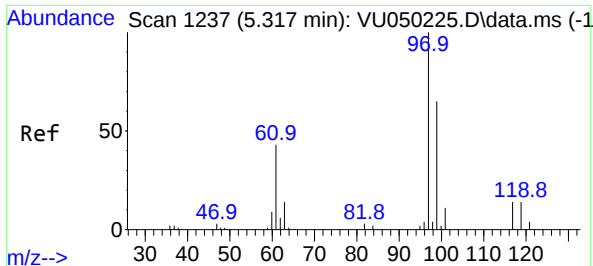
Tgt Ion: 62 Resp: 48825

Ion Ratio Lower Upper

62 100

98 9.7 7.8 11.8



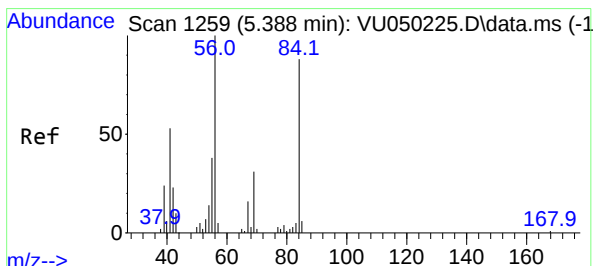
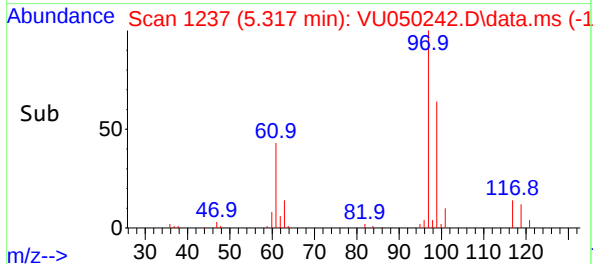
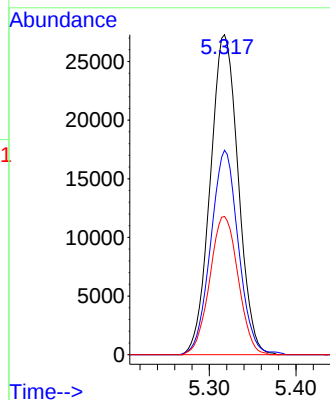
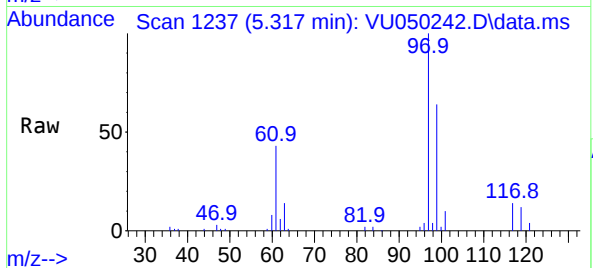


#29
1,1,1-Trichloroethane
Concen: 5.375 ug/L
RT: 5.317 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU050242.D
Acq: 11 Aug 2022 20:01

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 61164

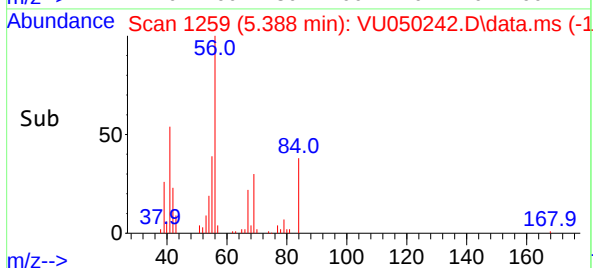
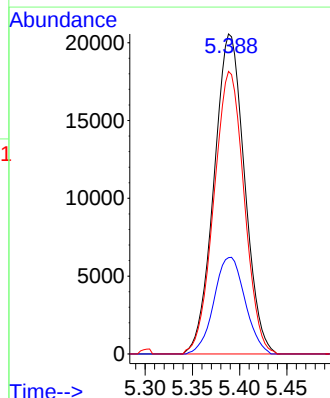
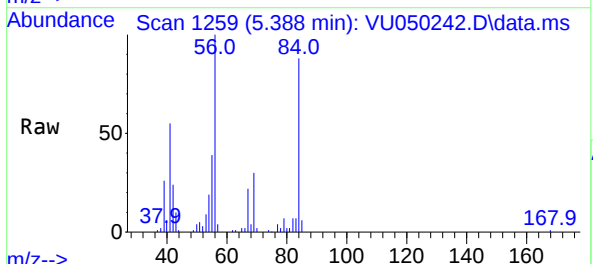
Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.5	77.3
61	43.9	34.2	51.4

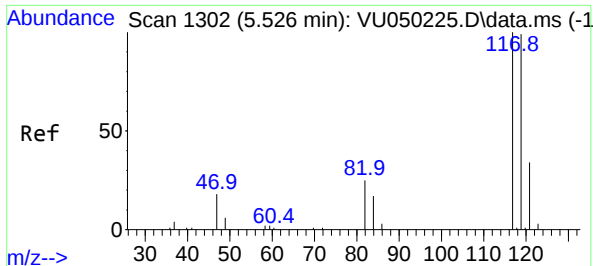


#30
Cyclohexane
Concen: 4.653 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VU050242.D
Acq: 11 Aug 2022 20:01

Tgt Ion: 56 Resp: 46129

Ion	Ratio	Lower	Upper
56	100		
69	30.7	24.6	37.0
84	87.6	69.1	103.7

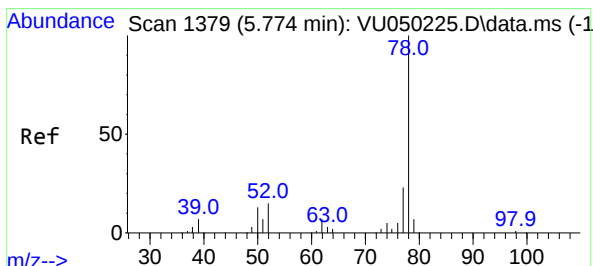
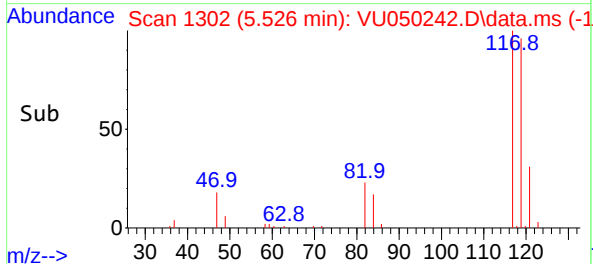
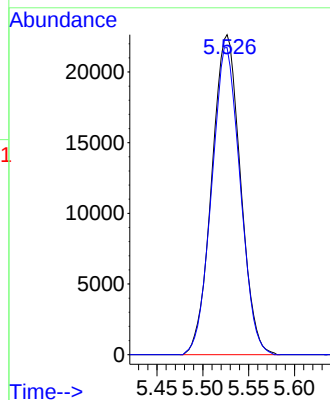
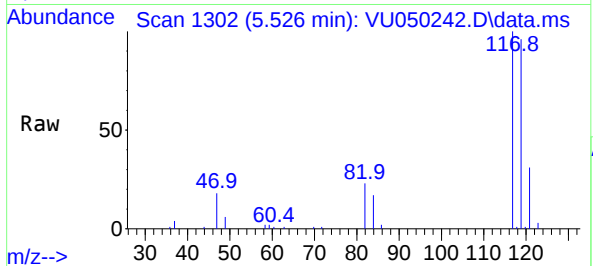




#31
Carbon tetrachloride
Concen: 5.269 ug/L
RT: 5.526 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU050242.D
Acq: 11 Aug 2022 20:01

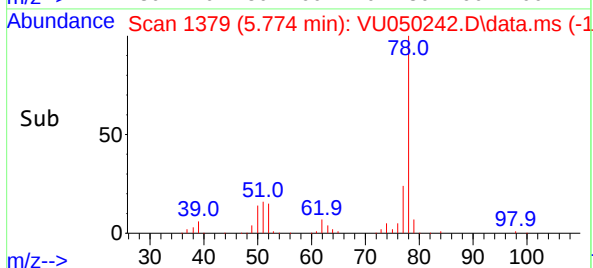
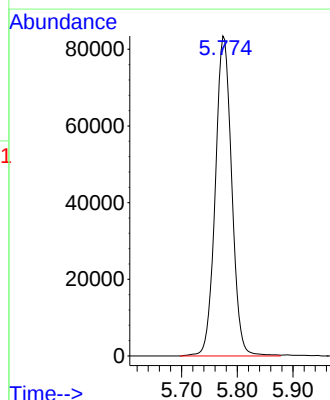
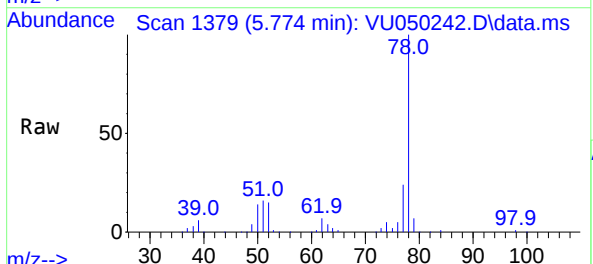
Instrument :
MSVOA_U
ClientSampleId :

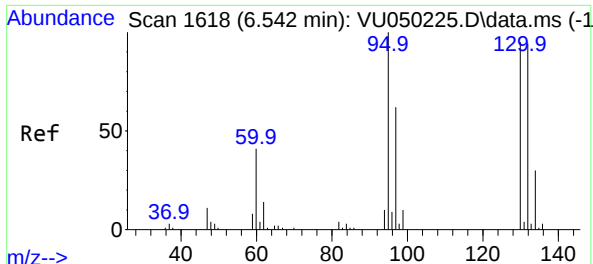
Tgt Ion:117 Resp: 49147
Ion Ratio Lower Upper
117 100
119 95.4 76.0 114.0



#33
Benzene
Concen: 5.265 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU050242.D
Acq: 11 Aug 2022 20:01

Tgt Ion: 78 Resp: 171098

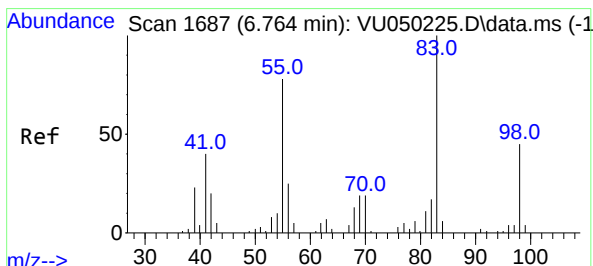
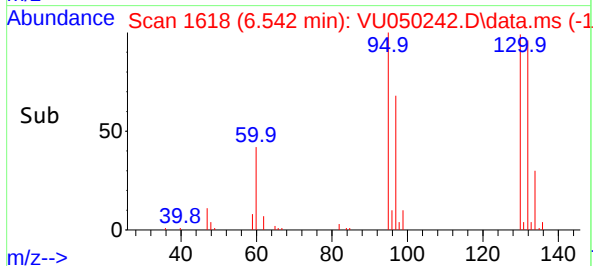
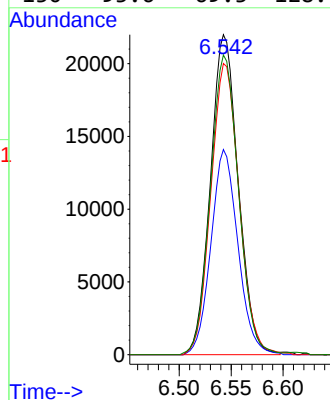
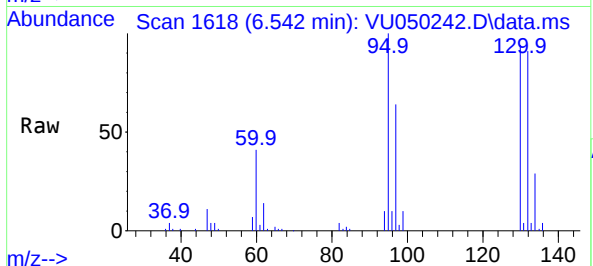




#34
Trichloroethene
Concen: 5.209 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU050242.D
Acq: 11 Aug 2022 20:01

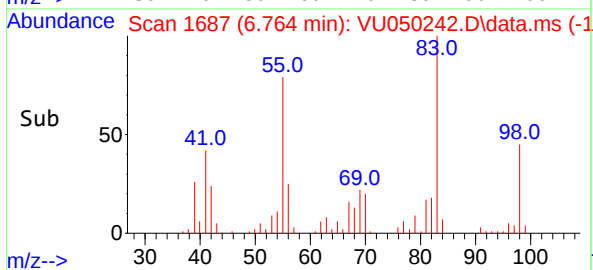
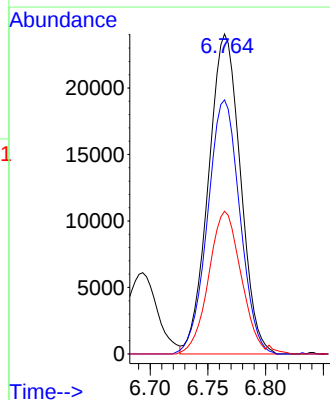
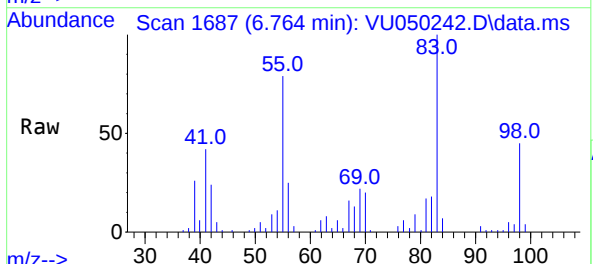
Instrument :
MSVOA_U
ClientSampleId :

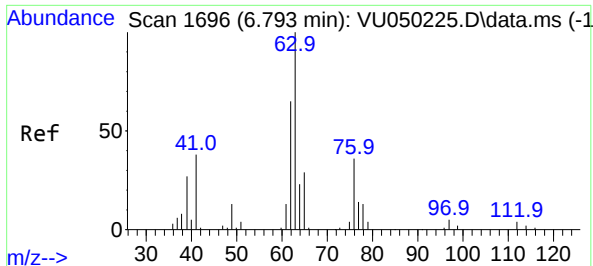
Tgt Ion: 95 Resp: 40945
Ion Ratio Lower Upper
95 100
97 64.1 45.6 84.8
132 91.0 65.0 120.6
130 93.6 69.3 128.7



#35
Methylcyclohexane
Concen: 4.577 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU050242.D
Acq: 11 Aug 2022 20:01

Tgt Ion: 83 Resp: 46441
Ion Ratio Lower Upper
83 100
55 80.1 62.7 94.1
98 45.6 36.2 54.2

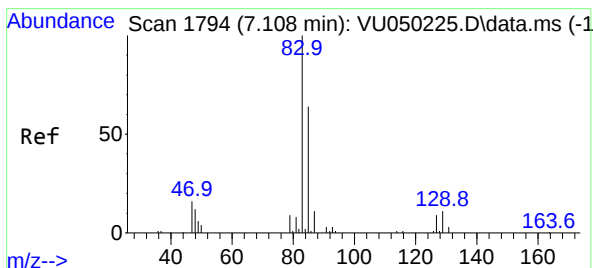
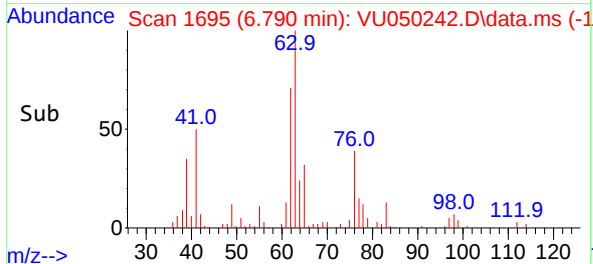
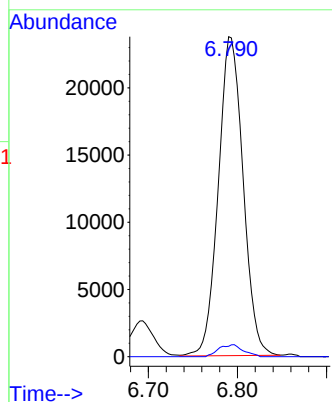
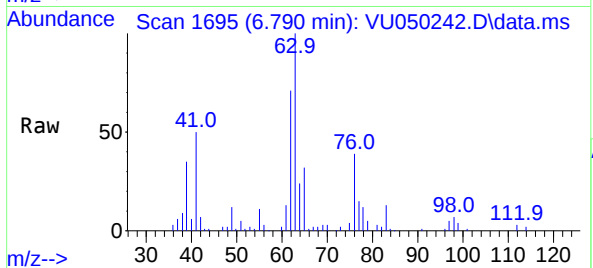




#37
1,2-Dichloropropane
Concen: 5.295 ug/L
RT: 6.790 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU050242.D
Acq: 11 Aug 2022 20:01

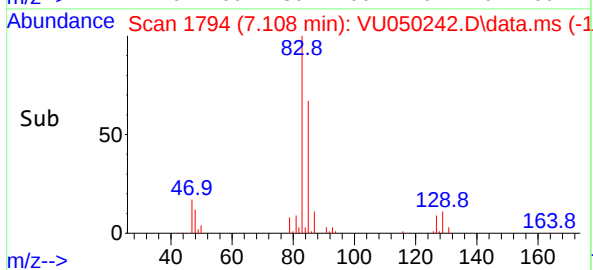
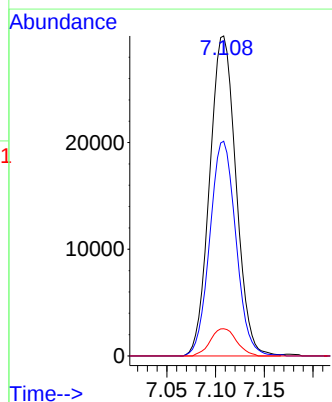
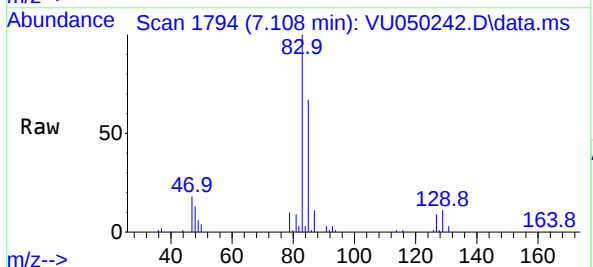
Instrument :
MSVOA_U
ClientSampleId :

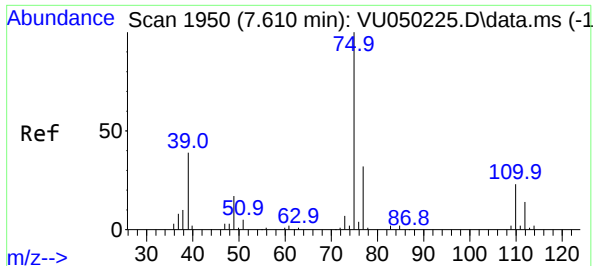
Tgt Ion: 63 Resp: 45834
Ion Ratio Lower Upper
63 100
112 3.7 3.0 4.4



#38
Bromodichloromethane
Concen: 5.364 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU050242.D
Acq: 11 Aug 2022 20:01

Tgt Ion: 83 Resp: 56405
Ion Ratio Lower Upper
83 100
85 67.1 45.1 83.7
127 8.5 6.8 10.2

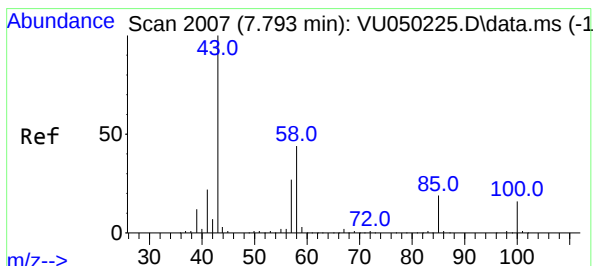
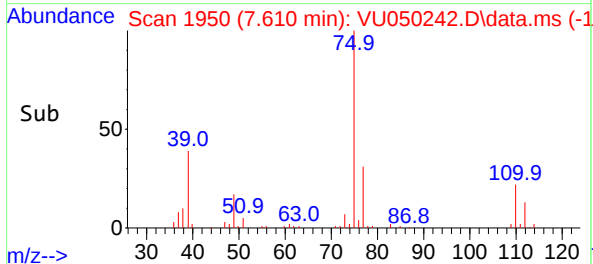
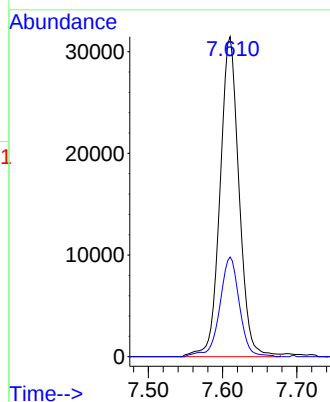
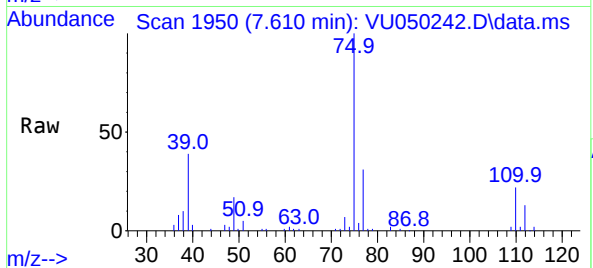




#39
 cis-1,3-Dichloropropene
 Concen: 4.967 ug/L
 RT: 7.610 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VU050242.D
 Acq: 11 Aug 2022 20:01

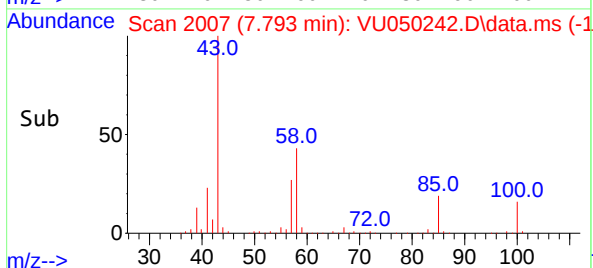
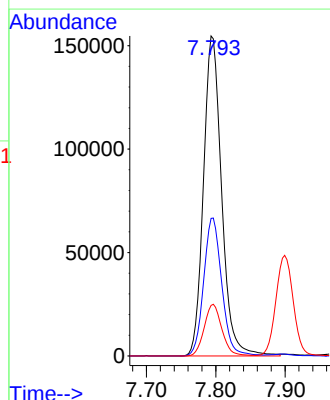
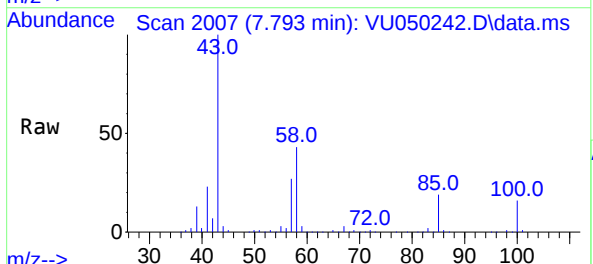
Instrument :
 MSVOA_U
 ClientSampleId :

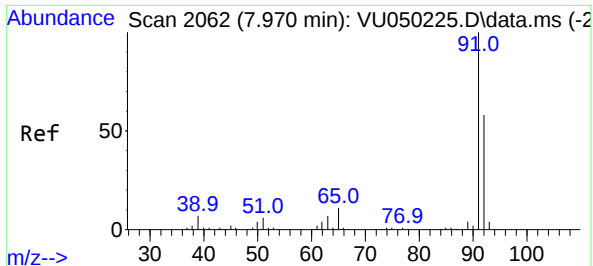
Tgt Ion: 75 Resp: 56117
 Ion Ratio Lower Upper
 75 100
 77 31.1 21.8 40.4



#40
 4-Methyl-2-pentanone
 Concen: 56.235 ug/L
 RT: 7.793 min Scan# 2007
 Delta R.T. 0.000 min
 Lab File: VU050242.D
 Acq: 11 Aug 2022 20:01

Tgt Ion: 43 Resp: 281954
 Ion Ratio Lower Upper
 43 100
 58 42.9 34.6 51.8
 100 15.7 13.0 19.4

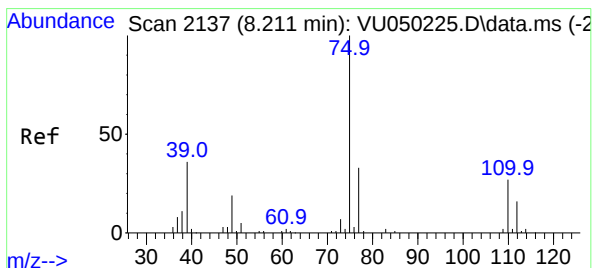
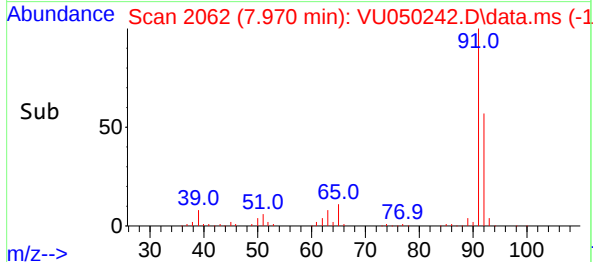
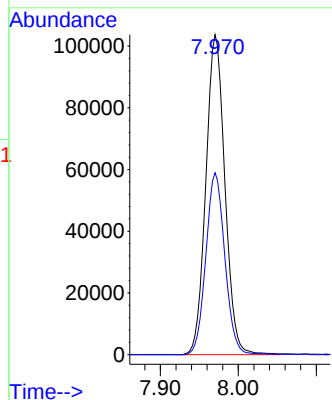
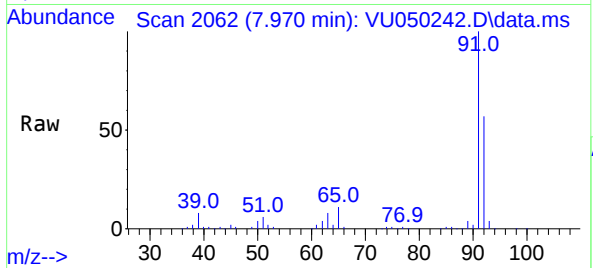




#42
Toluene
Concen: 5.409 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU050242.D
Acq: 11 Aug 2022 20:01

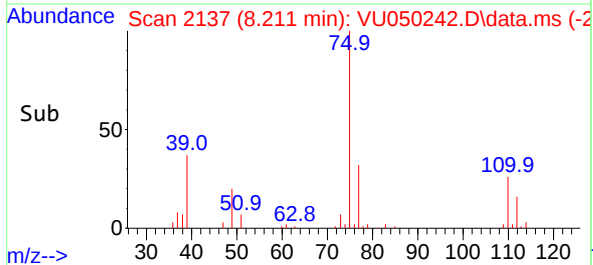
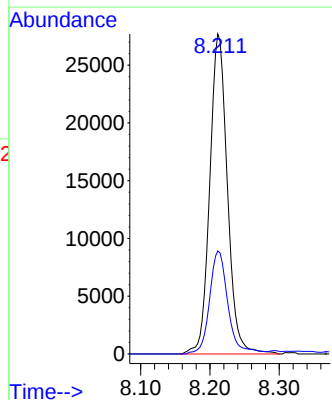
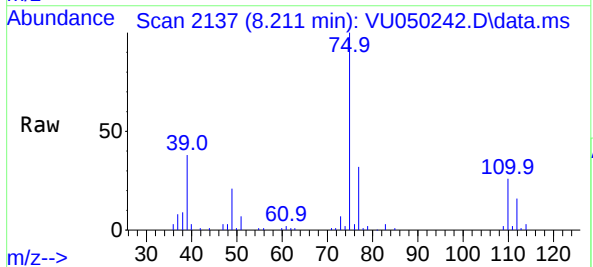
Instrument :
MSVOA_U
ClientSampleId :

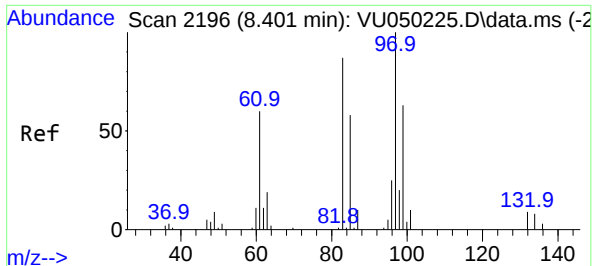
Tgt Ion: 91 Resp: 176283
Ion Ratio Lower Upper
91 100
92 56.8 39.8 74.0



#44
trans-1,3-Dichloropropene
Concen: 5.046 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU050242.D
Acq: 11 Aug 2022 20:01

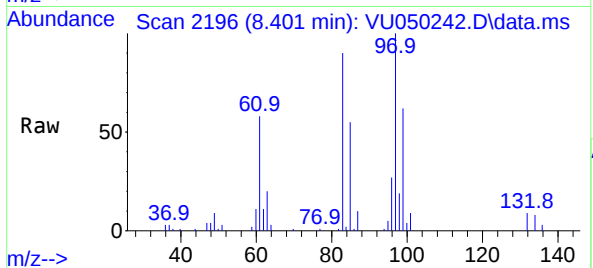
Tgt Ion: 75 Resp: 48892
Ion Ratio Lower Upper
75 100
77 32.2 22.0 40.8





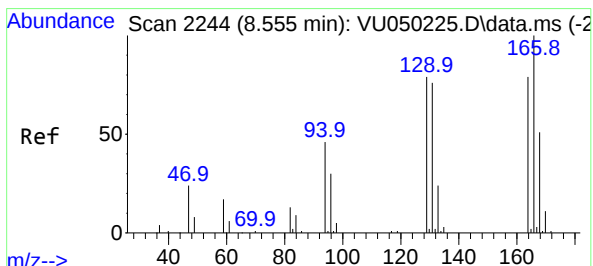
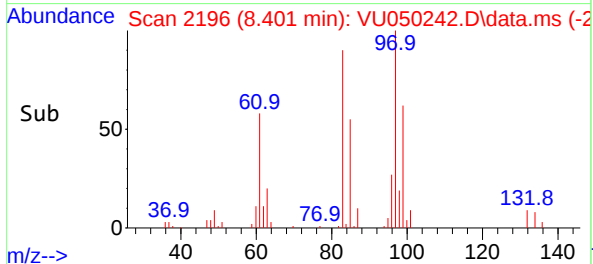
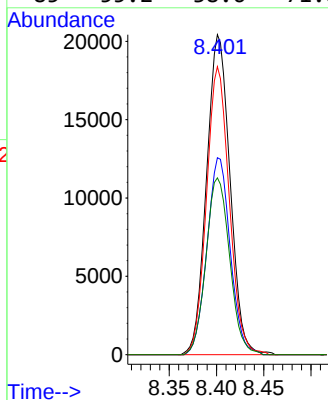
#45
1,1,2-Trichloroethane
Concen: 5.451 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU050242.D
Acq: 11 Aug 2022 20:01

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 97 Resp: 35274

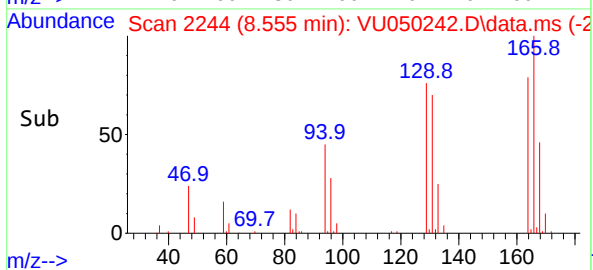
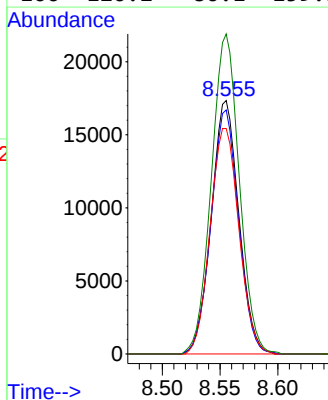
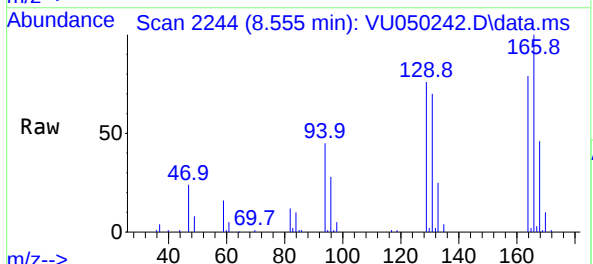
Ion	Ratio	Lower	Upper
97	100		
99	61.6	42.2	78.4
83	90.0	59.6	110.6
85	55.2	38.6	71.8

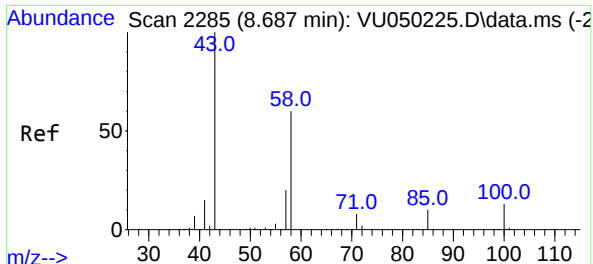


#47
Tetrachloroethene
Concen: 5.115 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU050242.D
Acq: 11 Aug 2022 20:01

Tgt Ion: 164 Resp: 28807

Ion	Ratio	Lower	Upper
164	100		
129	96.3	69.0	128.1
131	88.9	65.8	122.2
166	126.2	86.1	159.9

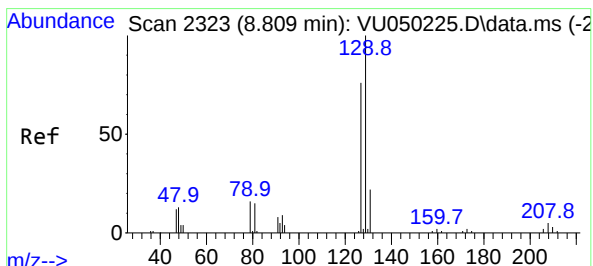
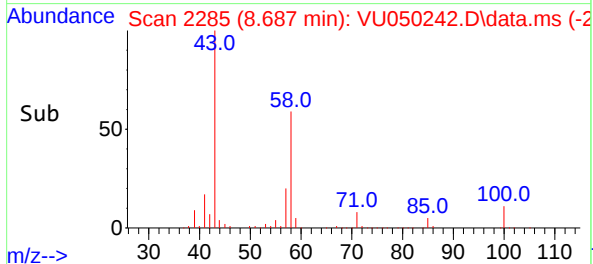
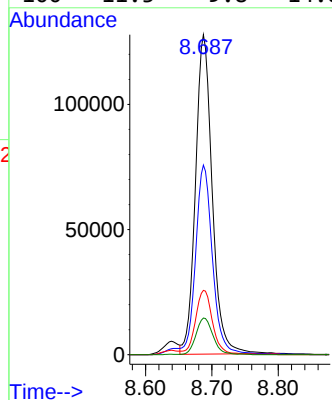
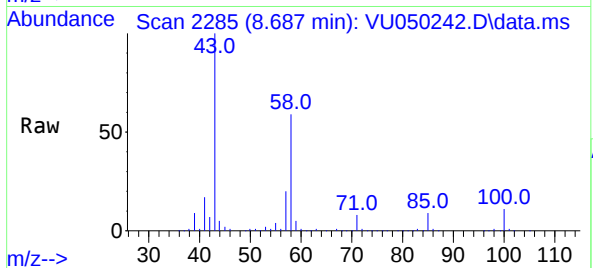




#48
2-Hexanone
Concen: 57.862 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050242.D
Acq: 11 Aug 2022 20:01

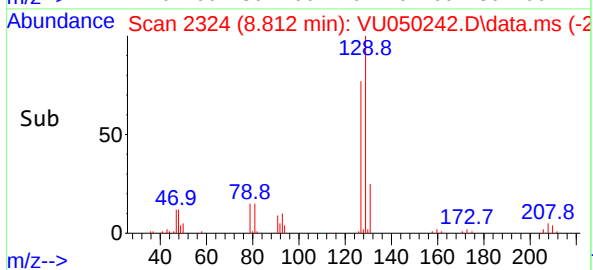
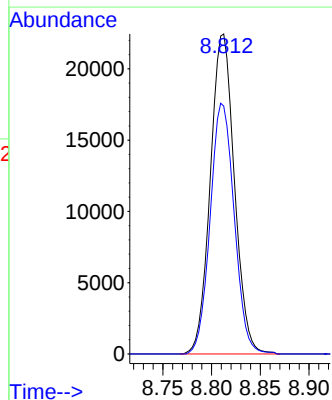
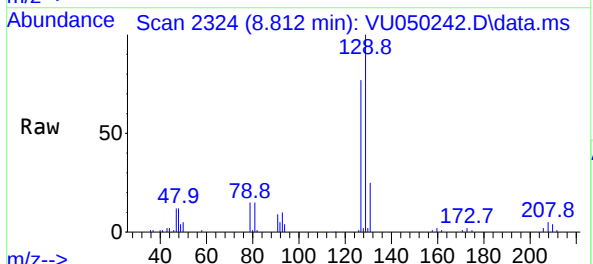
Instrument :
MSVOA_U
ClientSampleId :

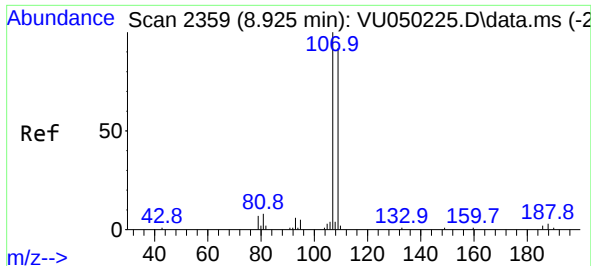
Tgt Ion: 43 Resp: 224383
Ion Ratio Lower Upper
43 100
58 61.6 50.6 76.0
57 20.6 16.0 24.0
100 11.3 9.8 14.8



#49
Dibromochloromethane
Concen: 5.395 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VU050242.D
Acq: 11 Aug 2022 20:01

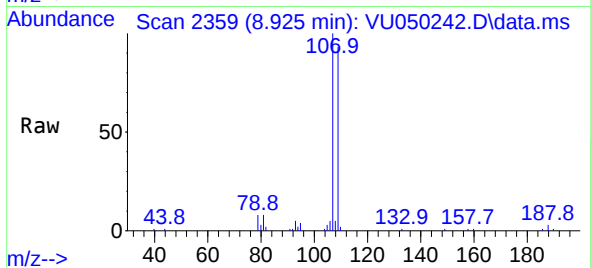
Tgt Ion: 129 Resp: 38637
Ion Ratio Lower Upper
129 100
127 77.4 55.3 102.7



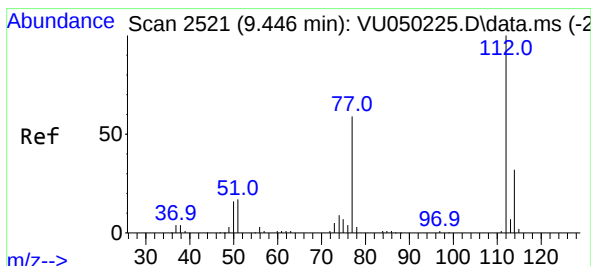
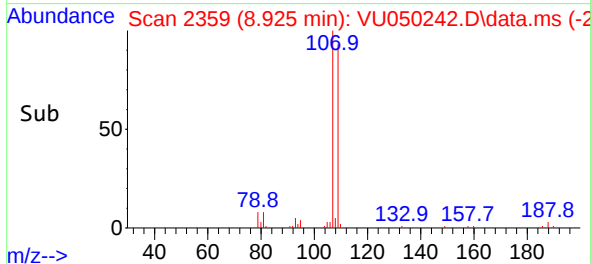
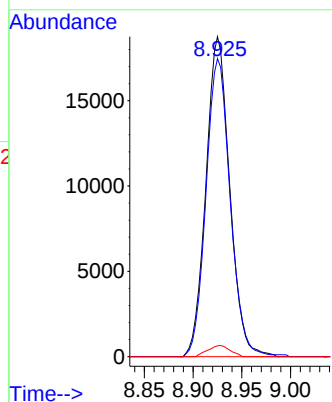


#50
1,2-Dibromoethane
Concen: 5.424 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050242.D
Acq: 11 Aug 2022 20:01

Instrument :
MSVOA_U
ClientSampleId :

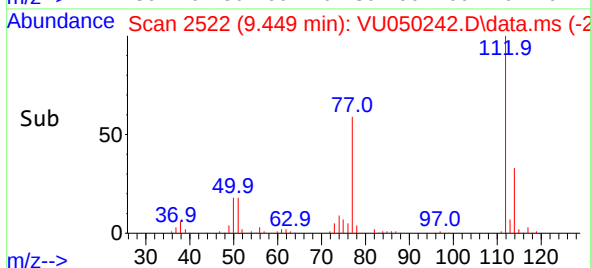
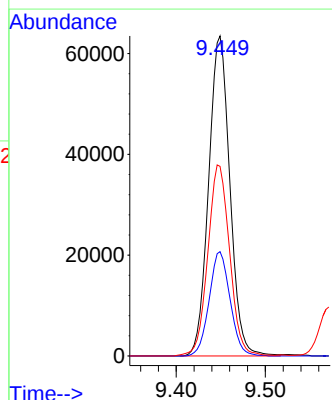
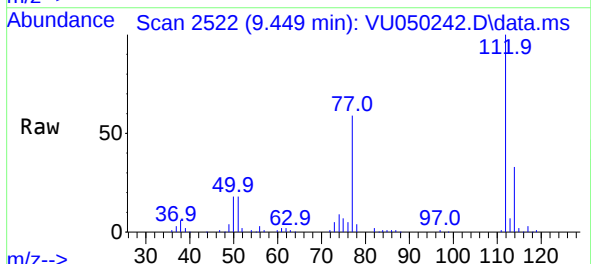


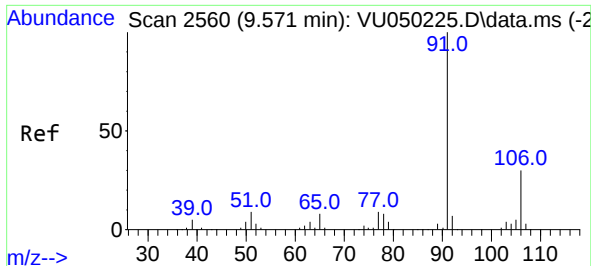
Tgt Ion:107 Resp: 31825
Ion Ratio Lower Upper
107 100
109 93.1 66.6 123.6
188 3.4 2.7 4.1



#51
Chlorobenzene
Concen: 5.122 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.003 min
Lab File: VU050242.D
Acq: 11 Aug 2022 20:01

Tgt Ion:112 Resp: 105031
Ion Ratio Lower Upper
112 100
114 32.6 22.1 41.1
77 59.2 46.3 69.5

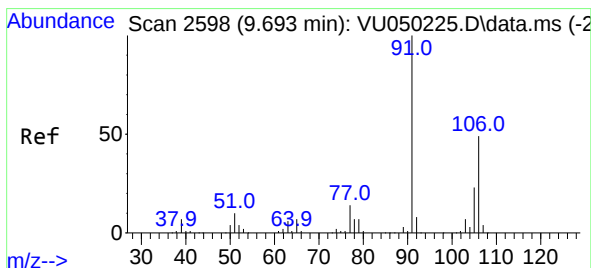
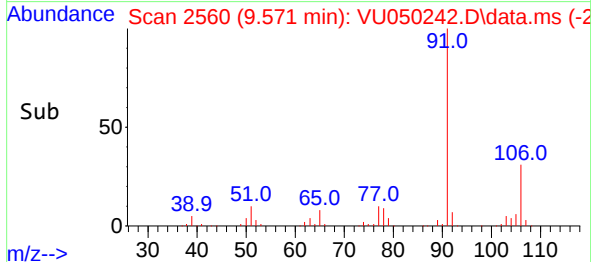
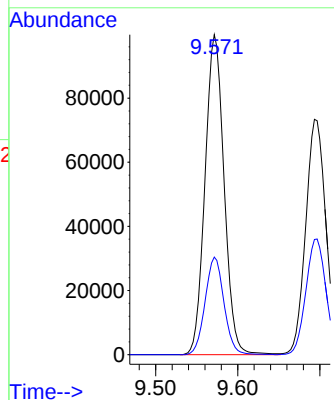
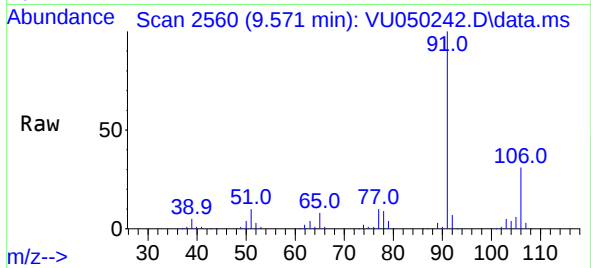




#52
Ethylbenzene
Concen: 5.077 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU050242.D
Acq: 11 Aug 2022 20:01

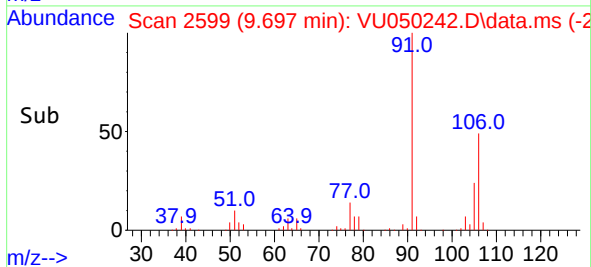
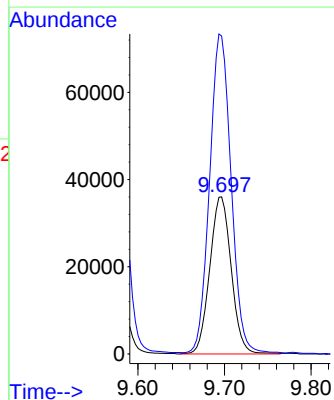
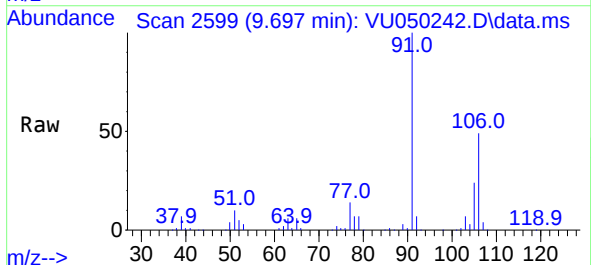
Instrument :
MSVOA_U
ClientSampleId :

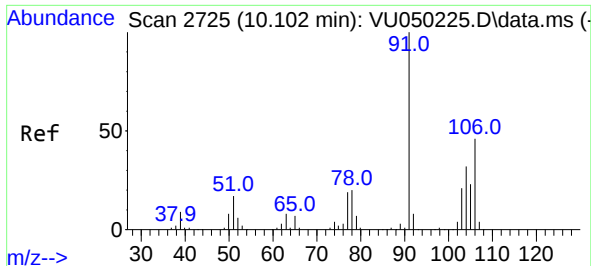
Tgt Ion: 91 Resp: 161478
Ion Ratio Lower Upper
91 100
106 30.5 21.3 39.5



#53
m,p-Xylene
Concen: 5.302 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU050242.D
Acq: 11 Aug 2022 20:01

Tgt Ion: 106 Resp: 62099
Ion Ratio Lower Upper
106 100
91 202.2 143.1 265.9

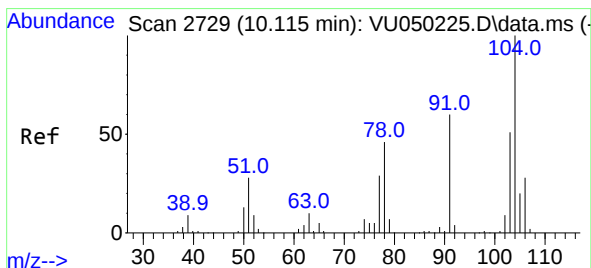
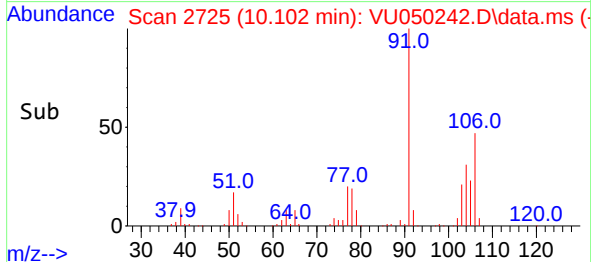
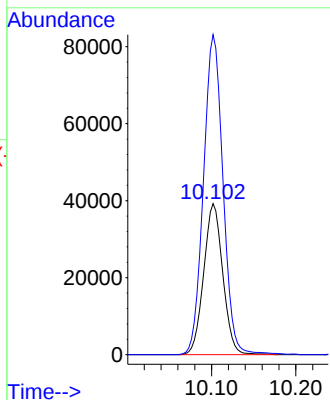
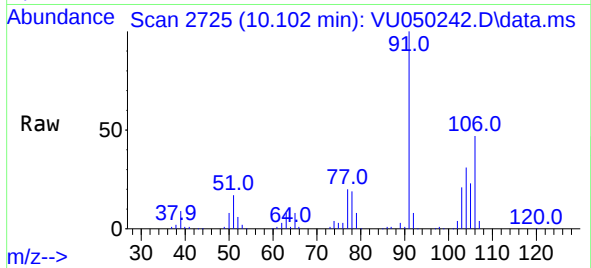




#54
o-Xylene
Concen: 5.295 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU050242.D
Acq: 11 Aug 2022 20:01

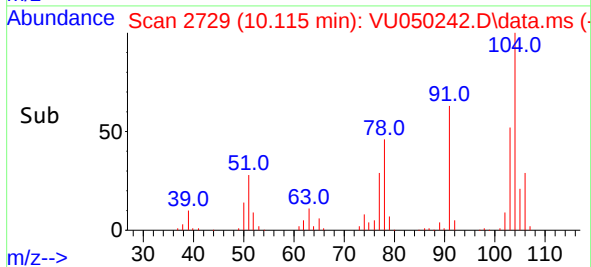
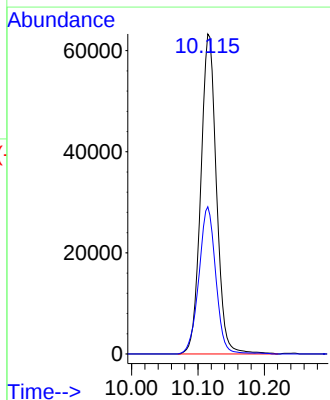
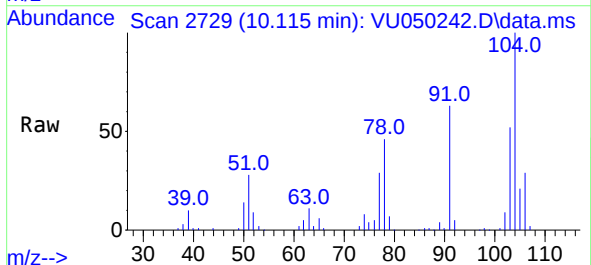
Instrument :
MSVOA_U
ClientSampleId :

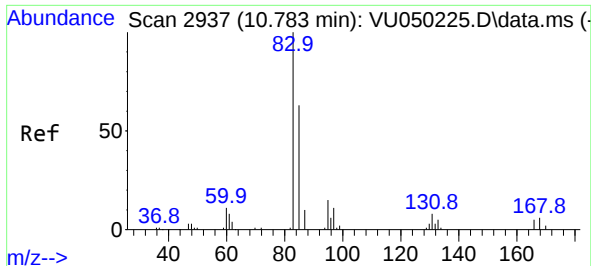
Tgt Ion:106 Resp: 61913
Ion Ratio Lower Upper
106 100
91 211.9 149.4 277.4



#55
Styrene
Concen: 5.333 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU050242.D
Acq: 11 Aug 2022 20:01

Tgt Ion:104 Resp: 104168
Ion Ratio Lower Upper
104 100
78 46.0 31.9 59.3

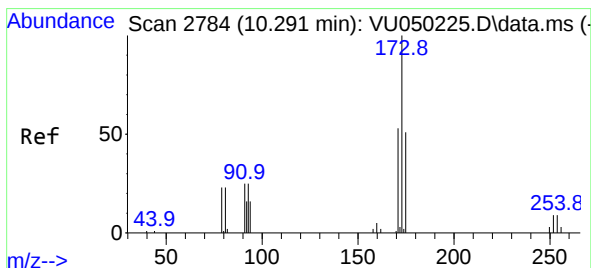
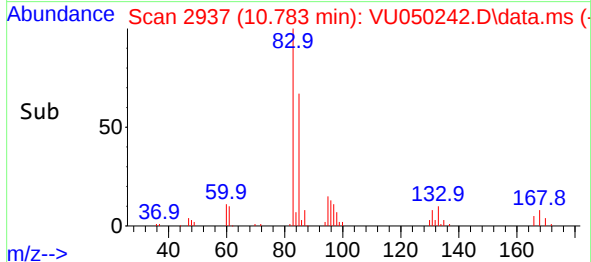
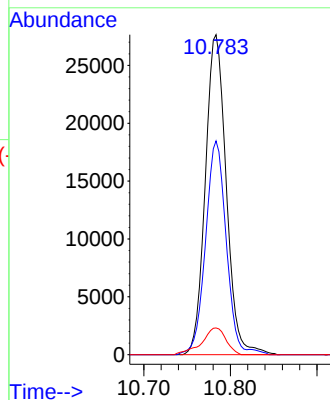
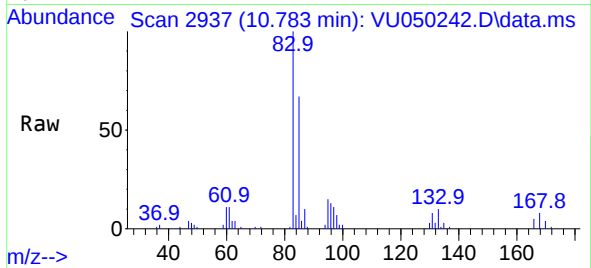




#57
1,1,2,2-Tetrachloroethane
Concen: 5.466 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU050242.D
Acq: 11 Aug 2022 20:01

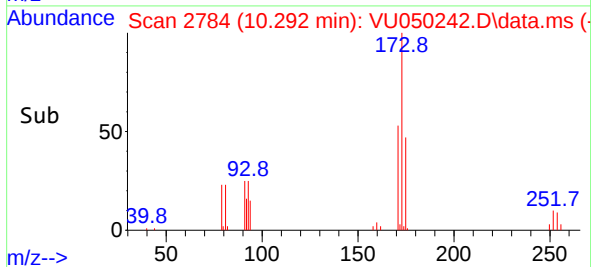
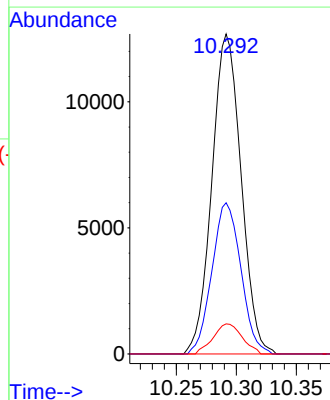
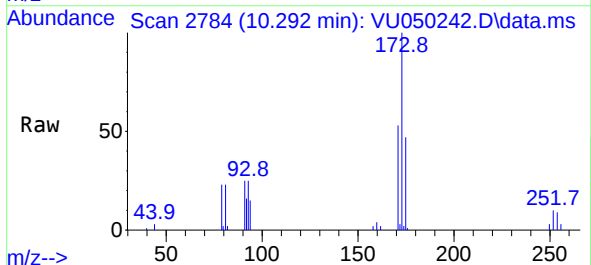
Instrument :
MSVOA_U
ClientSampleId :

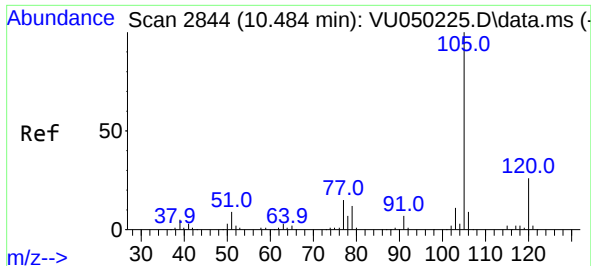
Tgt Ion: 83 Resp: 46477
Ion Ratio Lower Upper
83 100
85 66.8 45.2 84.0
131 8.4 6.6 9.8



#59
Bromoform
Concen: 5.048 ug/L
RT: 10.292 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU050242.D
Acq: 11 Aug 2022 20:01

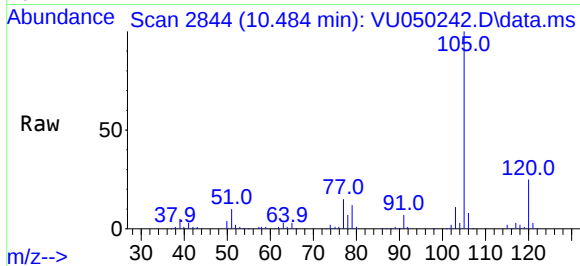
Tgt Ion:173 Resp: 21454
Ion Ratio Lower Upper
173 100
175 46.9 37.0 55.6
254 9.4 7.4 11.0



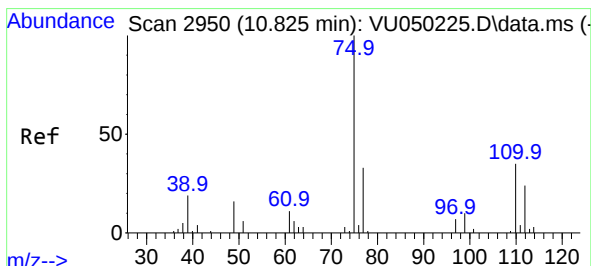
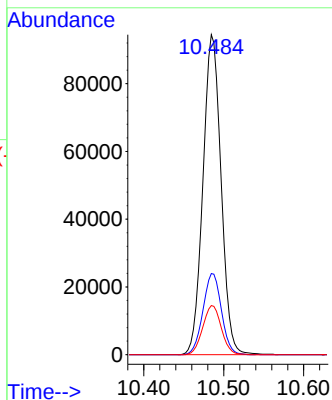
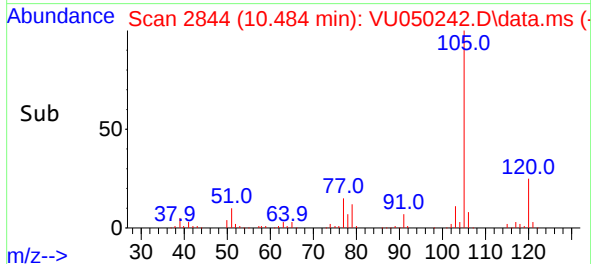


#60
Isopropylbenzene
Concen: 5.271 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU050242.D
Acq: 11 Aug 2022 20:01

Instrument :
MSVOA_U
ClientSampleId :

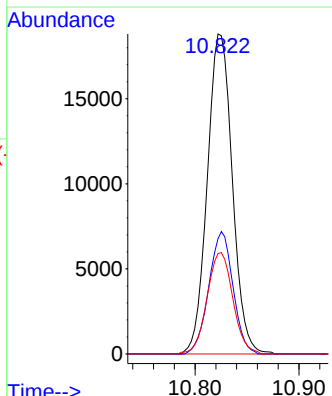
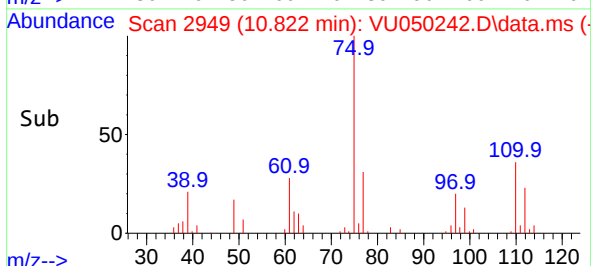
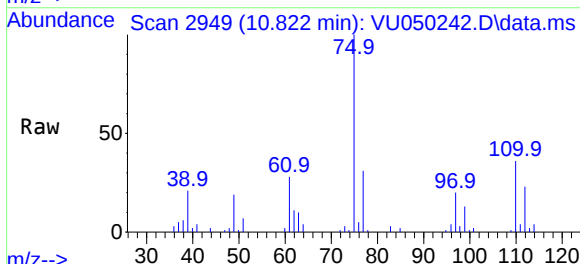


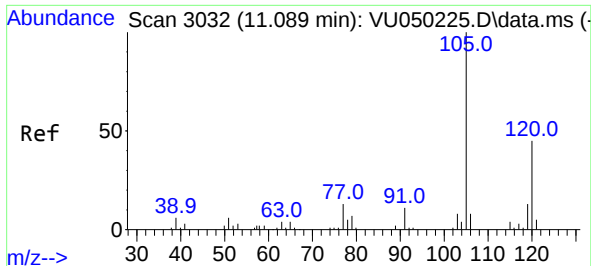
Tgt Ion:105 Resp: 149186
Ion Ratio Lower Upper
105 100
120 25.8 20.8 31.2
77 15.7 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.452 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU050242.D
Acq: 11 Aug 2022 20:01

Tgt Ion: 75 Resp: 31474
Ion Ratio Lower Upper
75 100
110 36.9 28.5 42.7
77 32.6 25.8 38.6





#62

1,3,5-Trimethylbenzene

Concen: 4.871 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU050242.D

Acq: 11 Aug 2022 20:01

Instrument :

MSVOA_U

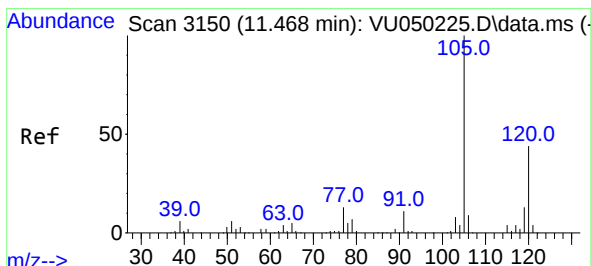
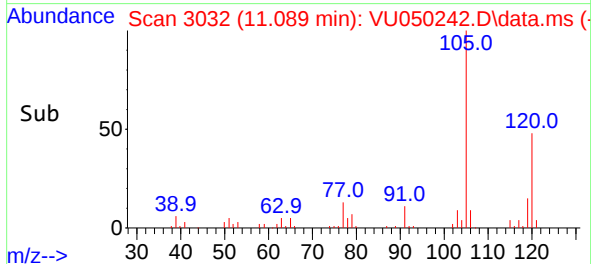
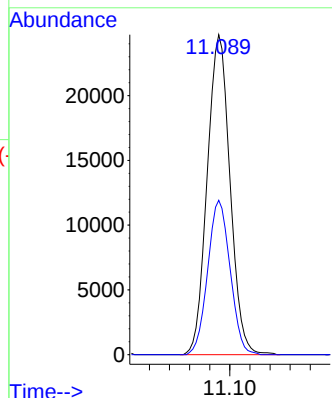
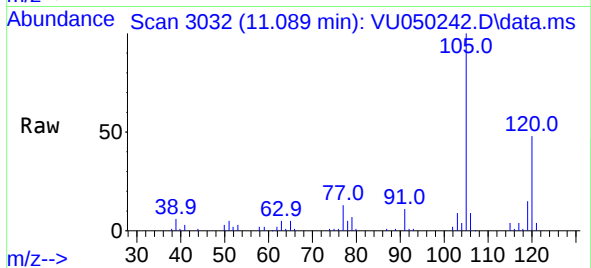
ClientSampleId :

Tgt Ion:105 Resp: 38951

Ion Ratio Lower Upper

105 100

120 47.3 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 4.977 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU050242.D

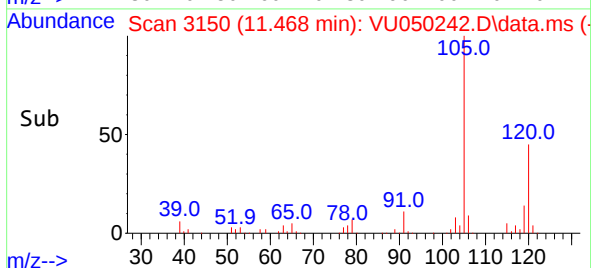
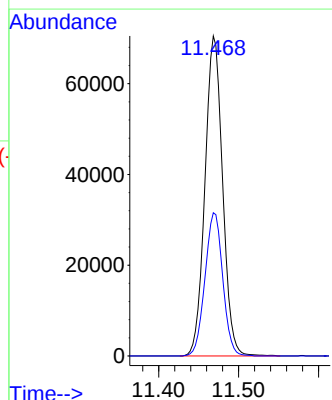
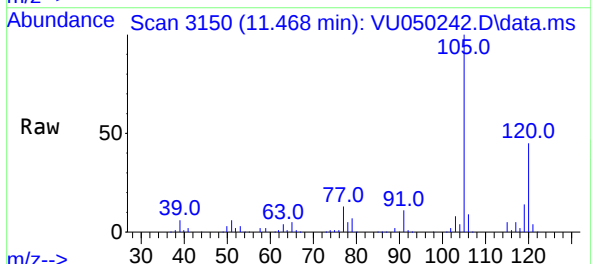
Acq: 11 Aug 2022 20:01

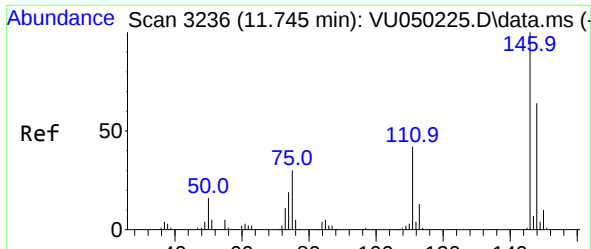
Tgt Ion:105 Resp: 108421

Ion Ratio Lower Upper

105 100

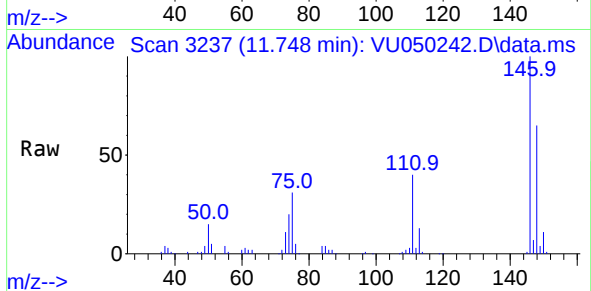
120 45.0 35.9 53.9



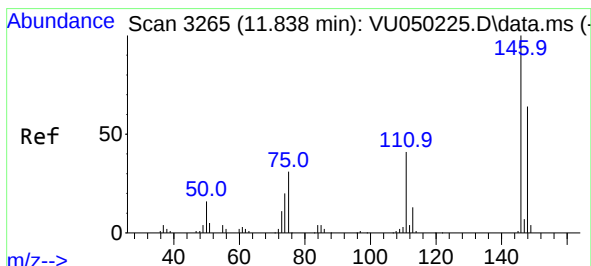
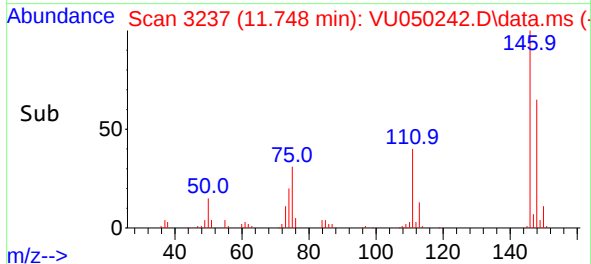
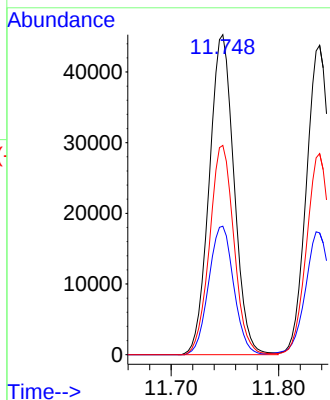


#64
1,3-Dichlorobenzene
Concen: 5.088 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU050242.D
Acq: 11 Aug 2022 20:01

Instrument :
MSVOA_U
ClientSampleId :

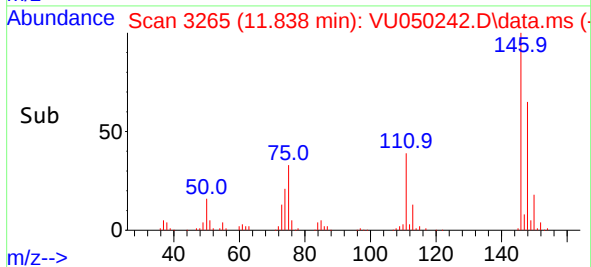
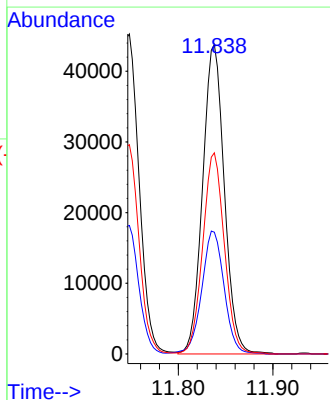
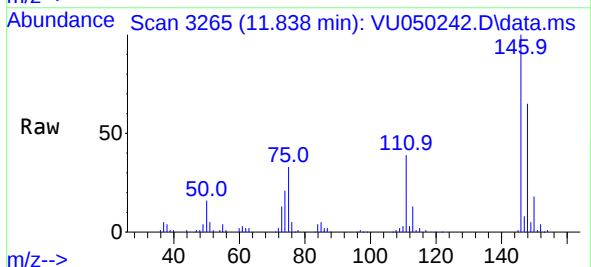


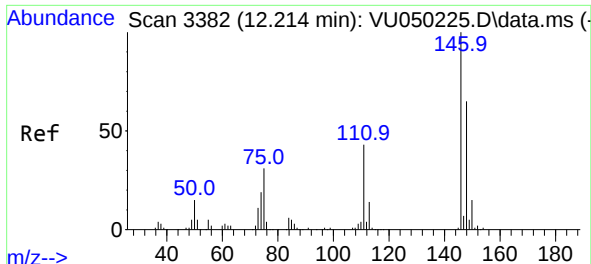
Tgt Ion:146 Resp: 72580
Ion Ratio Lower Upper
146 100
111 40.2 29.9 55.5
148 65.4 45.8 85.2



#65
1,4-Dichlorobenzene
Concen: 5.038 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU050242.D
Acq: 11 Aug 2022 20:01

Tgt Ion:146 Resp: 69931
Ion Ratio Lower Upper
146 100
111 39.4 28.1 52.1
148 65.0 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 5.228 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

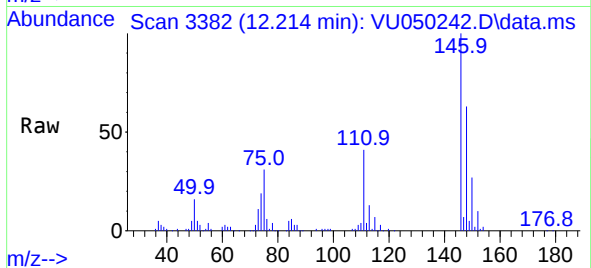
Lab File: VU050242.D

Acq: 11 Aug 2022 20:01

Instrument :

MSVOA_U

ClientSampleId :



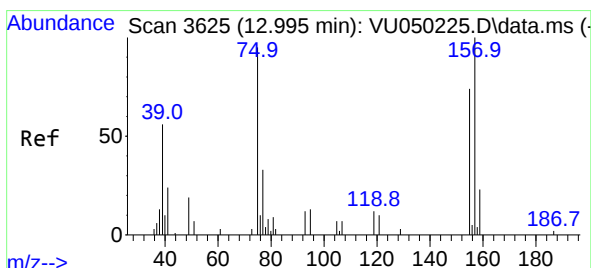
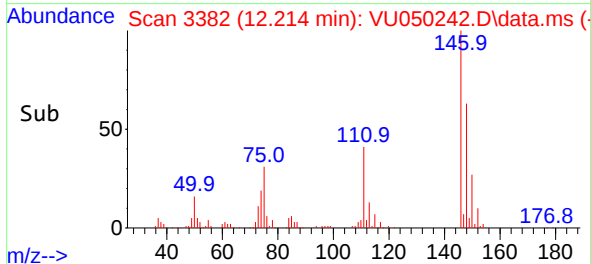
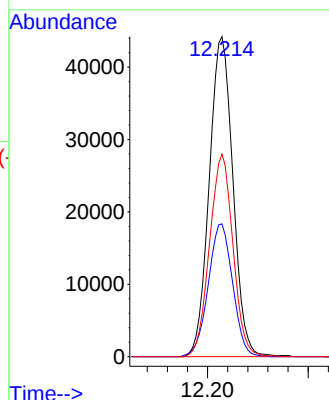
Tgt Ion:146 Resp: 72215

Ion Ratio Lower Upper

146 100

111 41.5 32.9 49.3

148 63.3 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.879 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU050242.D

Acq: 11 Aug 2022 20:01

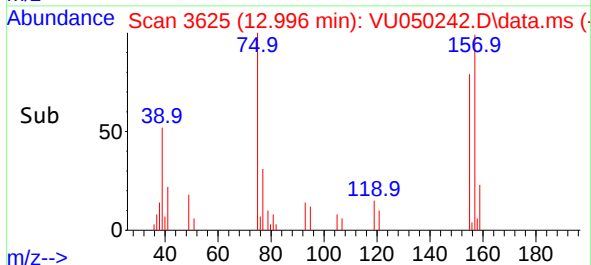
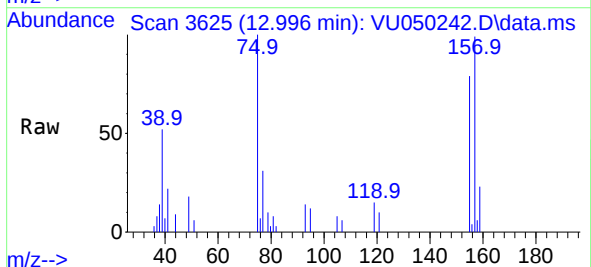
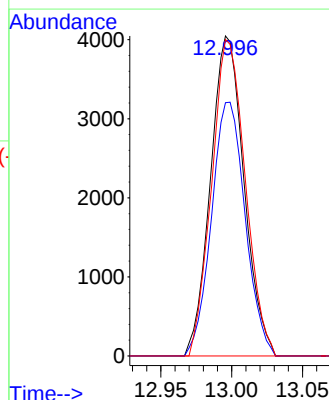
Tgt Ion: 75 Resp: 6654

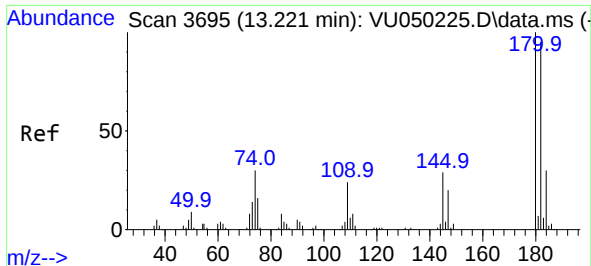
Ion Ratio Lower Upper

75 100

155 79.2 63.5 95.3

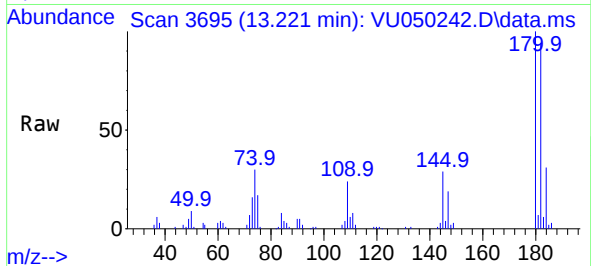
157 98.9 85.0 127.6



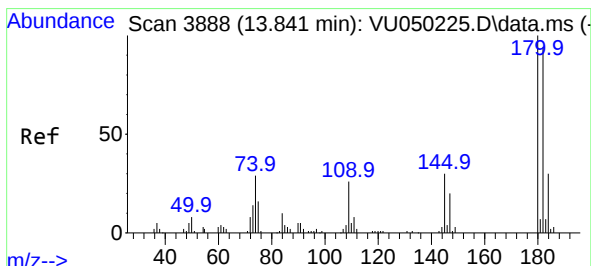
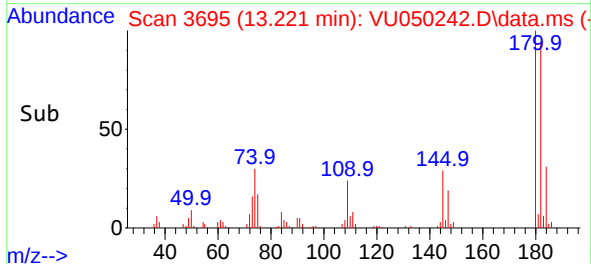
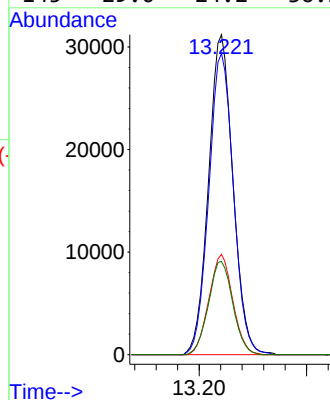


#69
1,3,5-Trichlorobenzene
Concen: 4.840 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. 0.000 min
Lab File: VU050242.D
Acq: 11 Aug 2022 20:01

Instrument :
MSVOA_U
ClientSampleId :

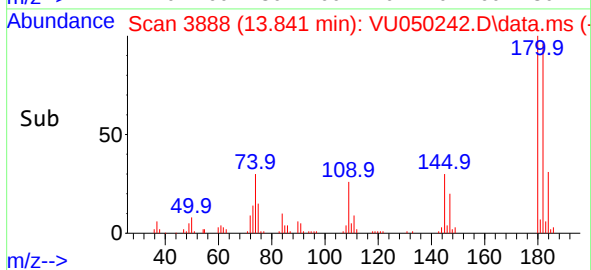
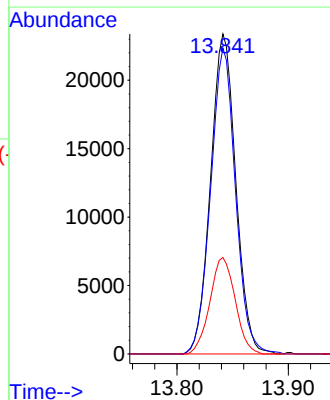
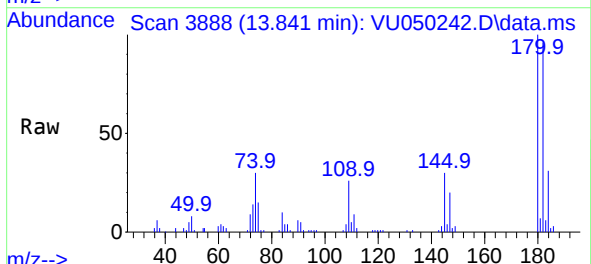


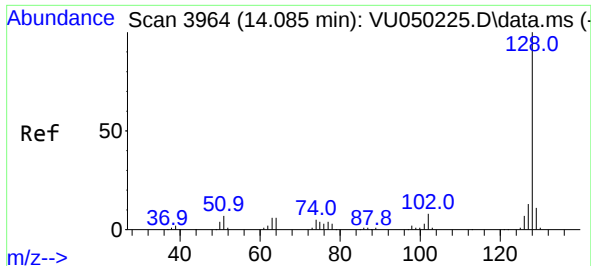
Tgt Ion:180 Resp: 49181
Ion Ratio Lower Upper
180 100
182 94.7 77.3 115.9
184 30.6 24.1 36.1
145 29.0 24.2 36.2



#70
1,2,4-trichlorobenzene
Concen: 4.767 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU050242.D
Acq: 11 Aug 2022 20:01

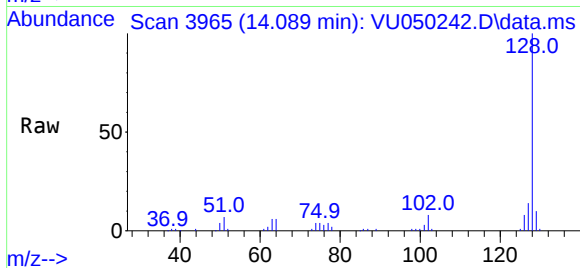
Tgt Ion:180 Resp: 36703
Ion Ratio Lower Upper
180 100
182 94.2 76.9 115.3
145 30.3 24.2 36.4



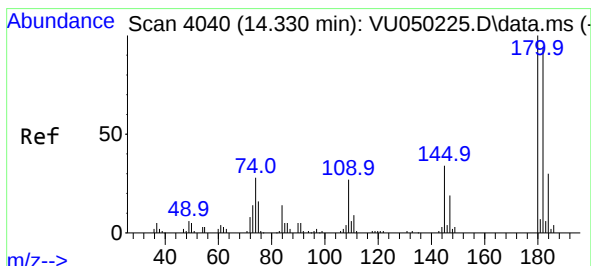
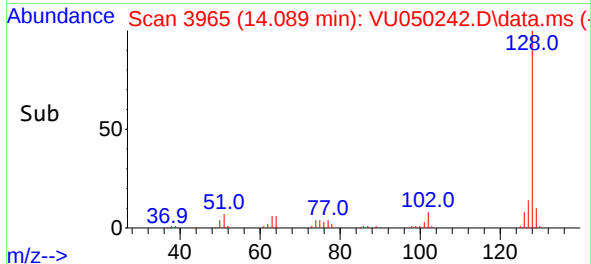
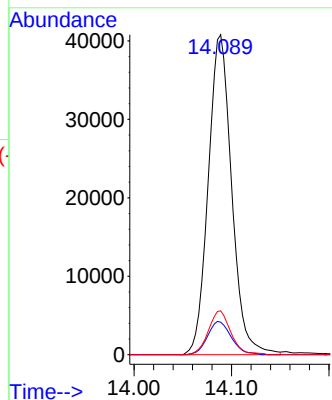


#71
Naphthalene
Concen: 4.319 ug/L
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU050242.D
Acq: 11 Aug 2022 20:01

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 68191
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 13.1 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 4.822 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU050242.D
Acq: 11 Aug 2022 20:01

Tgt Ion:180 Resp: 37636
Ion Ratio Lower Upper
180 100
182 93.7 77.5 116.3
145 32.6 25.8 38.6

