

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050162.D
 Acq On : 09 Aug 2022 03:09
 Operator : SY/MD
 Sample : N4075-06MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUV5MSD

Quant Time: Aug 09 05:19:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 09 03:59:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	87881	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	87456	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	40427	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	39951	5.463	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 109.200%		
7) Chloroethane-d5	1.909	69	34142	5.786	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 115.800%		
11) 1,1-Dichloroethene-d2	2.565	65	14917	5.219	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 104.400%		
20) 2-Butanone-d5	4.623	46	103758	58.178	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 116.360%		
24) Chloroform-d	5.063	84	74840	5.502	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 110.000%		
26) 1,2-Dichloroethane-d4	5.703	65	37922	5.429	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 108.600%		
32) Benzene-d6	5.729	84	150406	5.511	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 110.200%		
36) 1,2-Dichloropropane-d6	6.693	67	49018	5.454	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 109.000%		
41) Toluene-d8	7.899	98	134300	5.572	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 111.400%		
43) trans-1,3-Dichloroprop...	8.182	79	15697	4.874	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 97.400%		
46) 2-Hexanone-d5	8.632	63	71655	62.741	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 125.480%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	43567	5.520	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 110.400%		
66) 1,2-Dichlorobenzene-d4	12.192	152	43035	5.433	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 108.600%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	37146	4.610	ug/L	100
3) Chloromethane	1.523	50	51927	4.927	ug/L	100
5) Vinyl chloride	1.604	62	46601	4.936	ug/L	100
6) Bromomethane	1.848	94	28196	4.678	ug/L	96
8) Chloroethane	1.928	64	28088	5.049	ug/L	97
9) Trichlorofluoromethane	2.134	101	50438	4.878	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	27648	4.807	ug/L	96
12) 1,1-Dichloroethene	2.578	96	29471	4.851	ug/L	95
13) Acetone	2.623	43	61726	62.147	ug/L	90
14) Carbon disulfide	2.790	76	102827	4.739	ug/L	100
15) Methyl Acetate	2.951	43	10841	3.998	ug/L	91
16) Methylene chloride	3.044	84	40649	4.379	ug/L	97
17) Methyl tert-butyl Ether	3.366	73	78892	4.976	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	33486	4.923	ug/L	97
19) 1,1-Dichloroethane	3.870	63	66398	5.155	ug/L	100
21) 2-Butanone	4.700	43	104977	58.776	ug/L	97
22) cis-1,2-Dichloroethene	4.668	96	38621	5.116	ug/L	99
23) Bromochloromethane	4.976	128	18909	5.240	ug/L	94
25) Chloroform	5.089	83	68853	5.014	ug/L	98

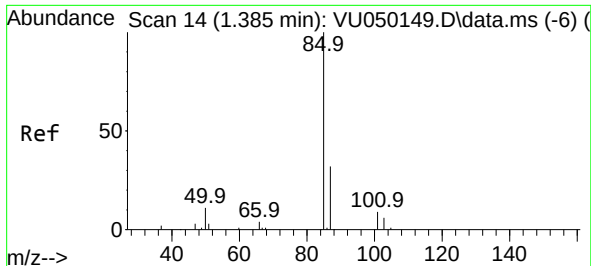
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	43152	5.164	ug/L	99
29) 1,1,1-Trichloroethane	5.317	97	53500	4.987	ug/L	98
30) Cyclohexane	5.388	56	42277	4.523	ug/L	99
31) Carbon tetrachloride	5.526	117	43425	4.938	ug/L	100
33) Benzene	5.774	78	153430	5.007	ug/L	100
34) Trichloroethene	6.542	95	35703	4.818	ug/L	95
35) Methylcyclohexane	6.764	83	41873	4.377	ug/L	98
37) 1,2-Dichloropropane	6.793	63	41114	5.037	ug/L	100
38) Bromodichloromethane	7.105	83	50568	5.101	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	47592	4.468	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	242802	51.360	ug/L	100
42) Toluene	7.970	91	157964	5.140	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	42233	4.623	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	30726	5.036	ug/L	95
47) Tetrachloroethene	8.555	164	25199	4.746	ug/L	97
48) 2-Hexanone	8.684	43	184291	50.403	ug/L	98
49) Dibromochloromethane	8.812	129	33585	4.974	ug/L	100
50) 1,2-Dibromoethane	8.925	107	28370	5.128	ug/L	99
51) Chlorobenzene	9.449	112	94898	4.908	ug/L	97
52) Ethylbenzene	9.571	91	143692	4.792	ug/L	100
53) m,p-Xylene	9.693	106	55135	4.993	ug/L	97
54) o-Xylene	10.102	106	55216	5.009	ug/L	99
55) Styrene	10.115	104	92603	5.028	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	41793	5.213	ug/L #	98
59) Bromoform	10.291	173	19581	4.830	ug/L	99
60) Isopropylbenzene	10.484	105	132332	4.901	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	28480	5.171	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	34614	4.538	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	99113	4.769	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	66359	4.876	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	65333	4.934	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	66487	5.045	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.995	75	5745	5.320	ug/L	95
69) 1,3,5-Trichlorobenzene	13.220	180	45032	4.645	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	36260	4.937	ug/L	96
71) Naphthalene	14.089	128	71024	4.716	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	36941	4.961	ug/L	100

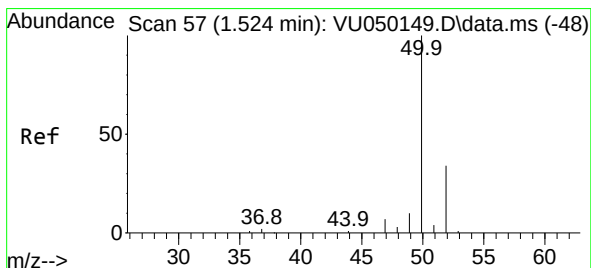
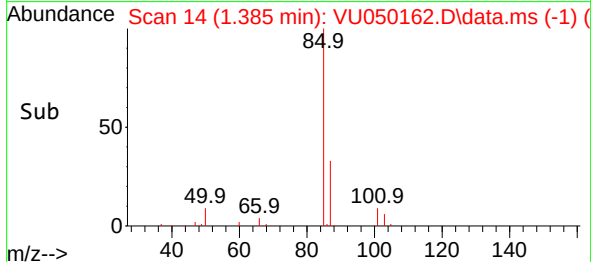
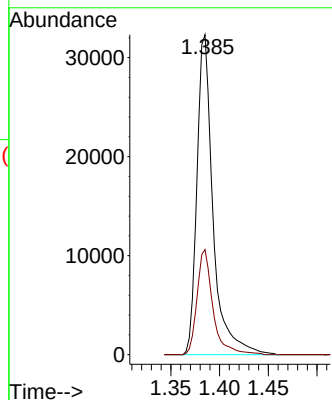
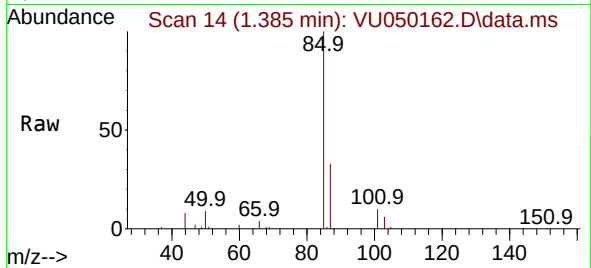
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#2
Dichlorodifluoromethane
Concen: 4.610 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU050162.D
Acq: 09 Aug 2022 03:09

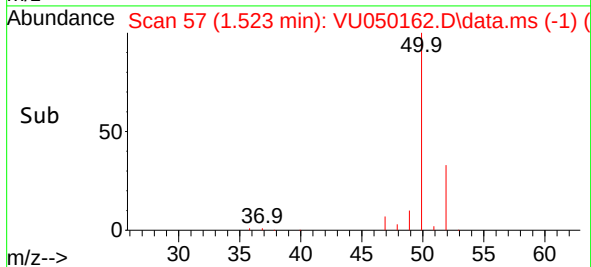
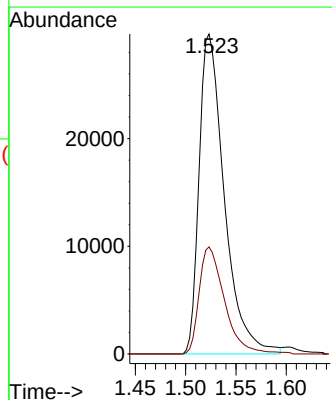
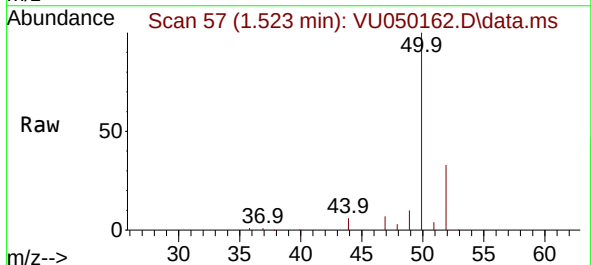
Instrument :
MSVOA_U
ClientSampleId :
DBUV5MSD

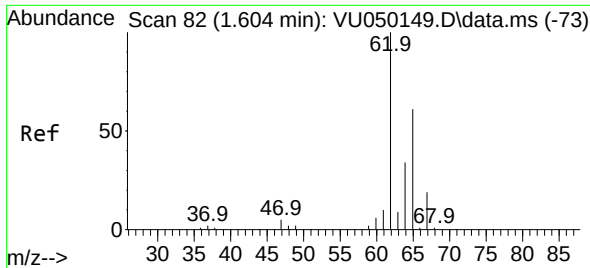
Tgt Ion: 85 Resp: 37146
Ion Ratio Lower Upper
85 100
87 32.5 26.2 39.4



#3
Chloromethane
Concen: 4.927 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU050162.D
Acq: 09 Aug 2022 03:09

Tgt Ion: 50 Resp: 51927
Ion Ratio Lower Upper
50 100
52 33.4 23.2 43.2

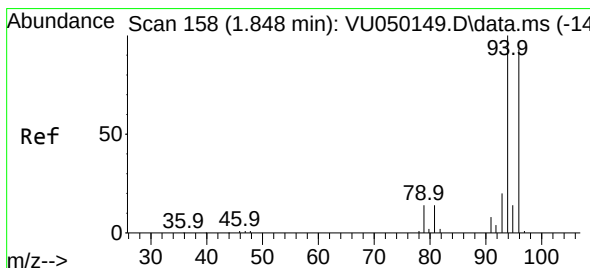
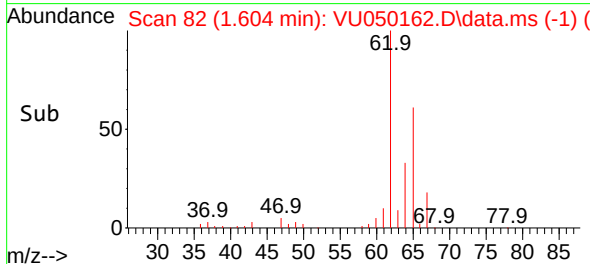
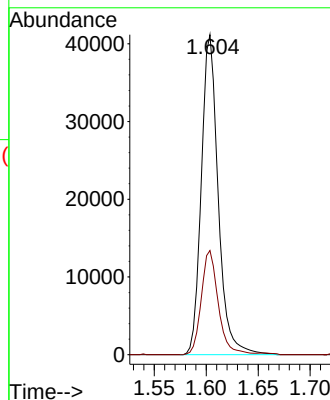
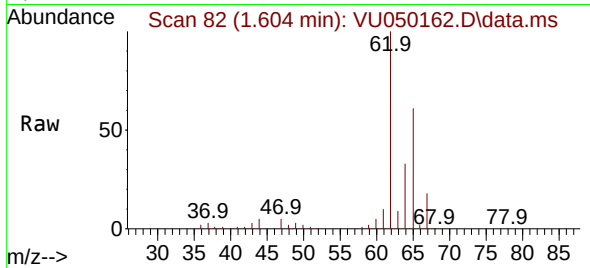




#5
 Vinyl chloride
 Concen: 4.936 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. -0.000 min
 Lab File: VU050162.D
 Acq: 09 Aug 2022 03:09

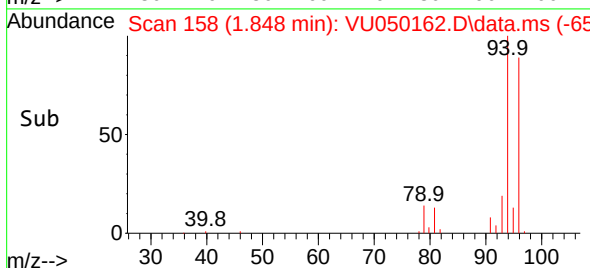
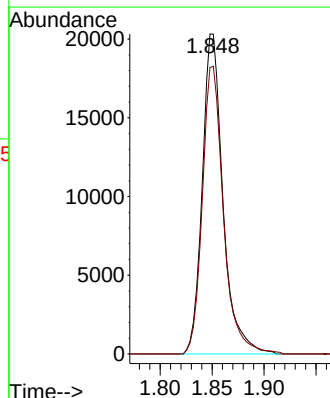
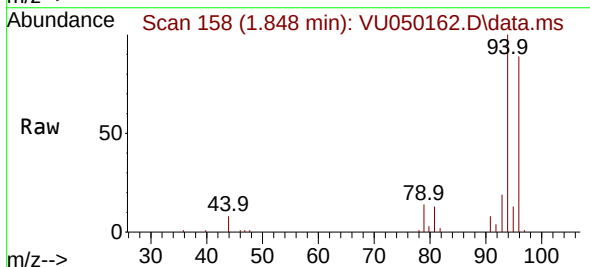
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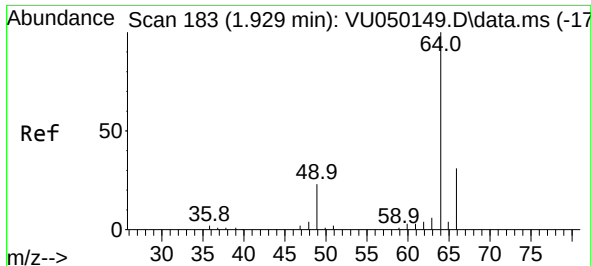
Tgt Ion: 62 Resp: 46601
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.8 42.4



#6
 Bromomethane
 Concen: 4.678 ug/L
 RT: 1.848 min Scan# 158
 Delta R.T. -0.000 min
 Lab File: VU050162.D
 Acq: 09 Aug 2022 03:09

Tgt Ion: 94 Resp: 28196
 Ion Ratio Lower Upper
 94 100
 96 89.5 65.3 121.3

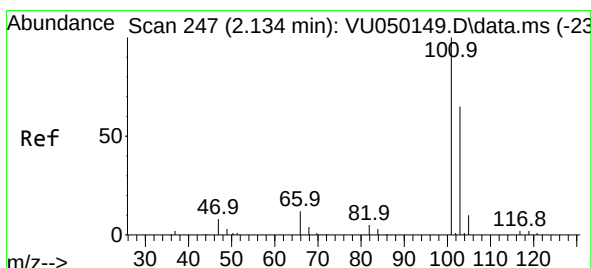
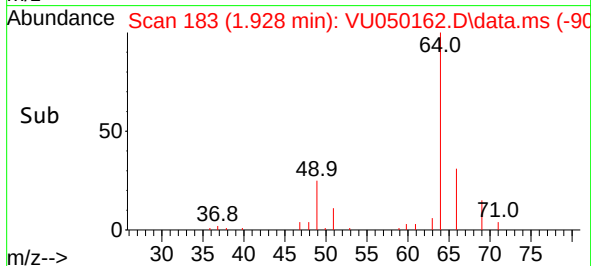
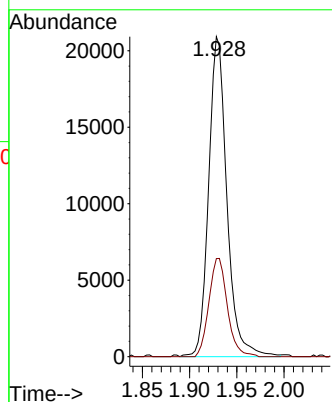
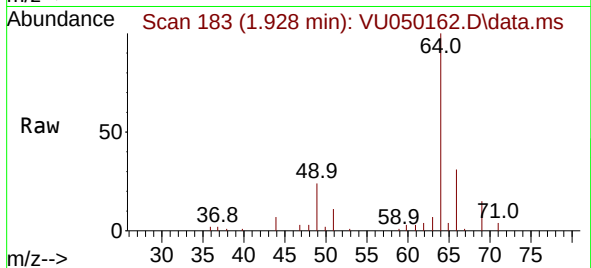




#8
Chloroethane
Concen: 5.049 ug/L
RT: 1.928 min Scan# 183
Delta R.T. -0.000 min
Lab File: VU050162.D
Acq: 09 Aug 2022 03:09

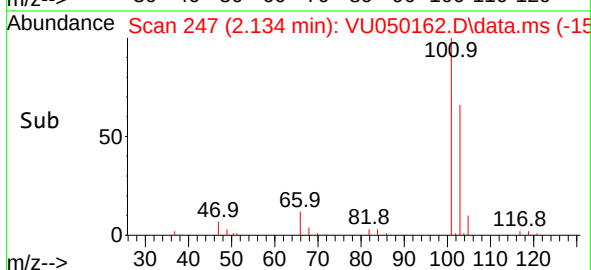
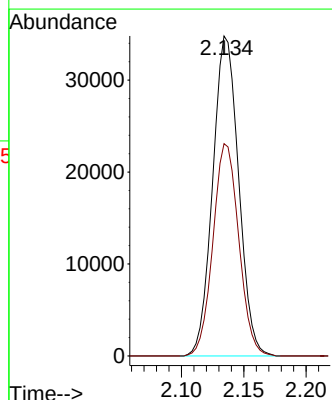
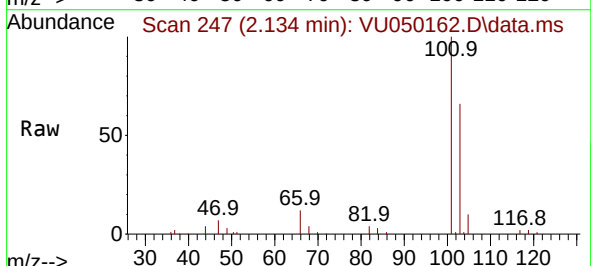
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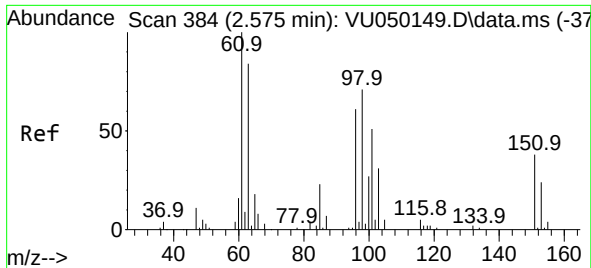
Tgt Ion: 64 Resp: 28088
Ion Ratio Lower Upper
64 100
66 30.6 22.8 42.4



#9
Trichlorofluoromethane
Concen: 4.878 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.000 min
Lab File: VU050162.D
Acq: 09 Aug 2022 03:09

Tgt Ion: 101 Resp: 50438
Ion Ratio Lower Upper
101 100
103 66.0 52.6 78.8

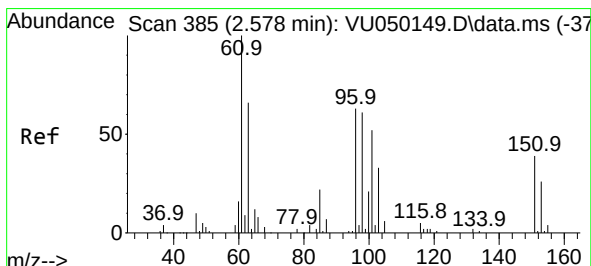
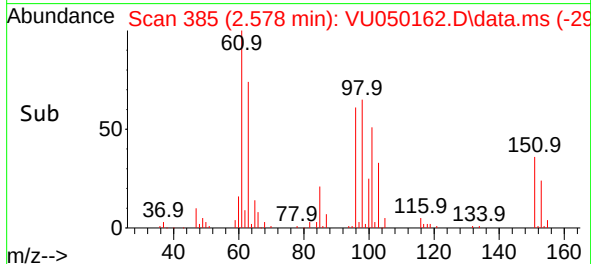
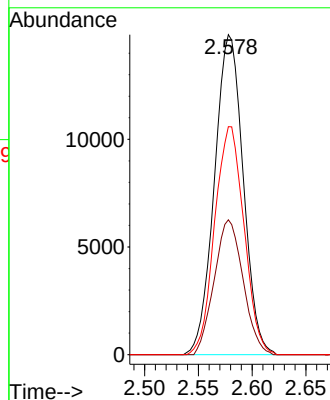
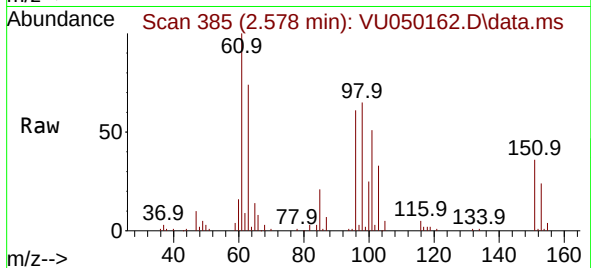




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.807 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.003 min
 Lab File: VU050162.D
 Acq: 09 Aug 2022 03:09

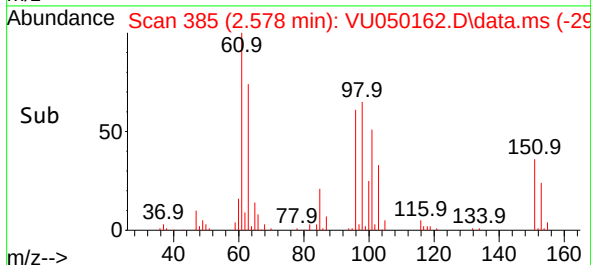
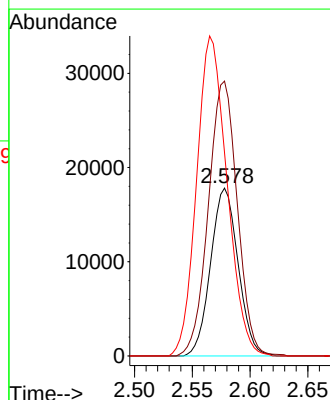
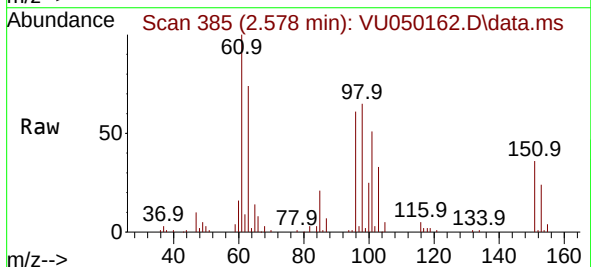
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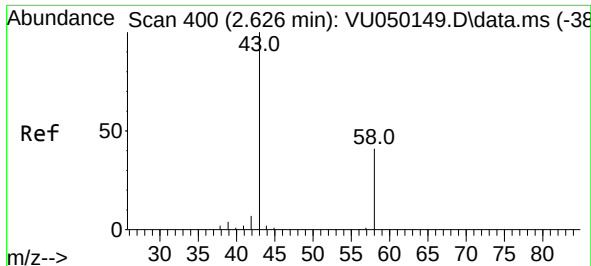
Tgt Ion:101 Resp: 27648
 Ion Ratio Lower Upper
 101 100
 85 42.2 35.6 53.4
 151 72.6 55.2 82.8



#12
 1,1-Dichloroethene
 Concen: 4.851 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU050162.D
 Acq: 09 Aug 2022 03:09

Tgt Ion: 96 Resp: 29471
 Ion Ratio Lower Upper
 96 100
 61 163.8 122.7 227.9
 63 121.2 85.1 158.1





#13

Acetone

Concen: 62.147 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU050162.D

Acq: 09 Aug 2022 03:09

Instrument :

MSVOA_U

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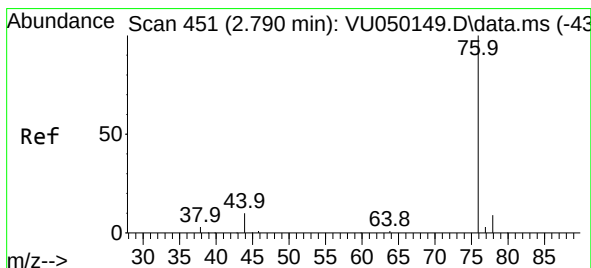
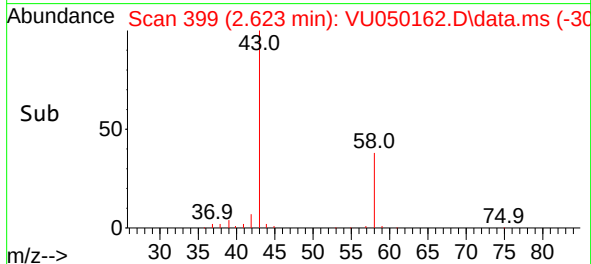
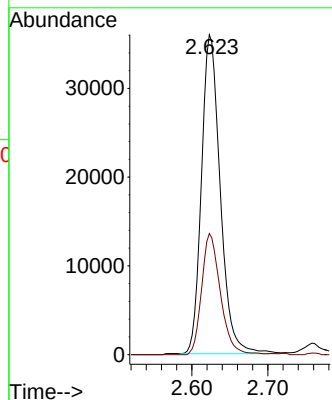
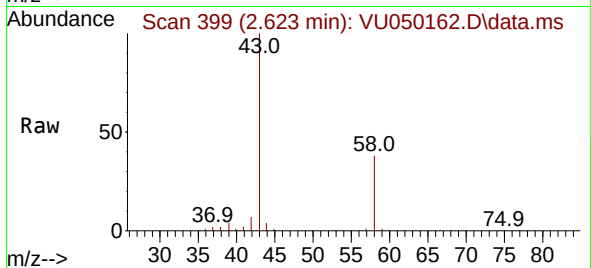
DBUV5MSD

Tgt Ion: 43 Resp: 61726

Ion Ratio Lower Upper

43 100

58 37.8 0.0 64.0



#14

Carbon disulfide

Concen: 4.739 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU050162.D

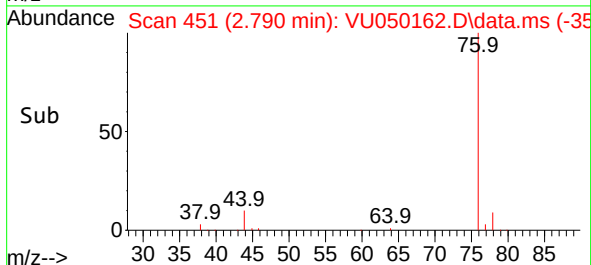
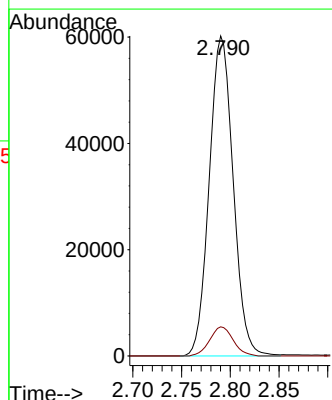
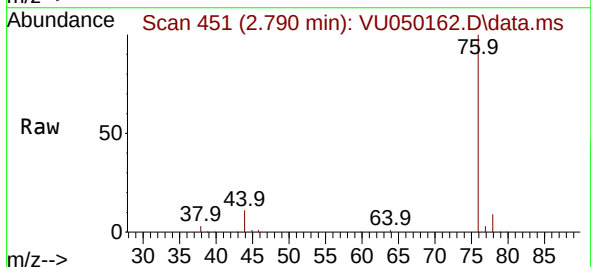
Acq: 09 Aug 2022 03:09

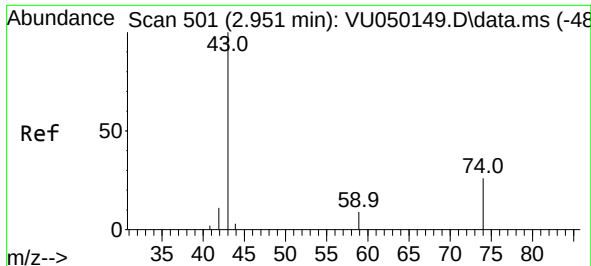
Tgt Ion: 76 Resp: 102827

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

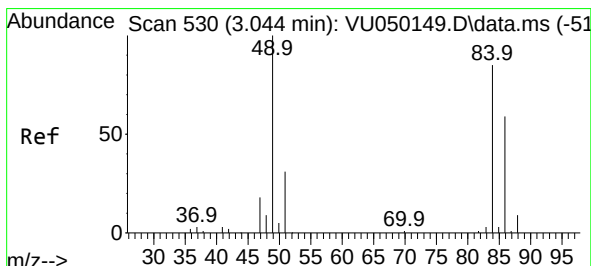
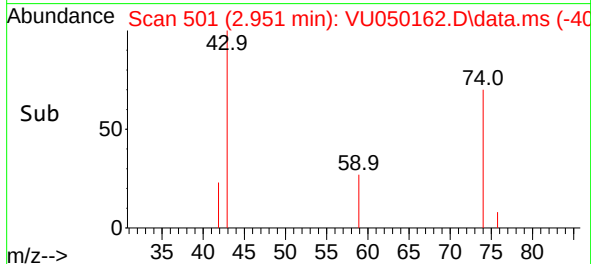
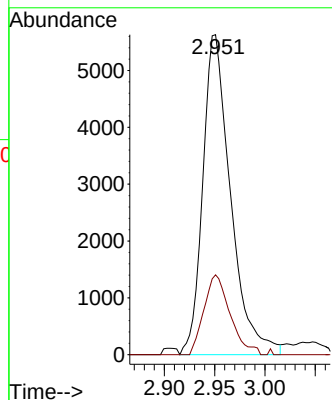
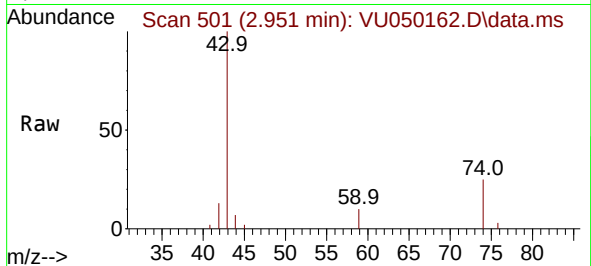




#15
Methyl Acetate
Concen: 3.998 ug/L
RT: 2.951 min Scan# 501
Delta R.T. -0.000 min
Lab File: VU050162.D
Acq: 09 Aug 2022 03:09

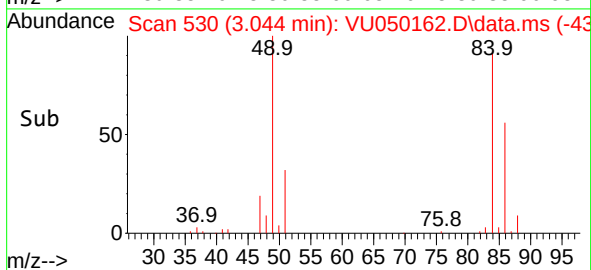
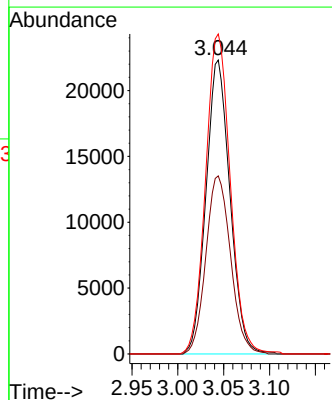
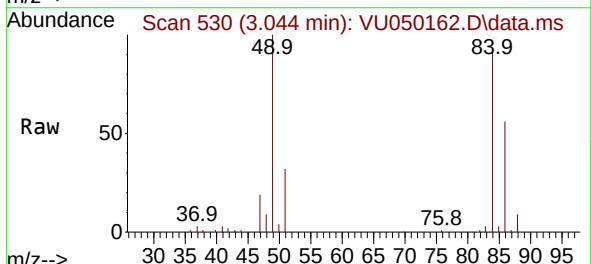
Instrument :
MSVOA_U
ClientSampleId :
DBUV5MSD

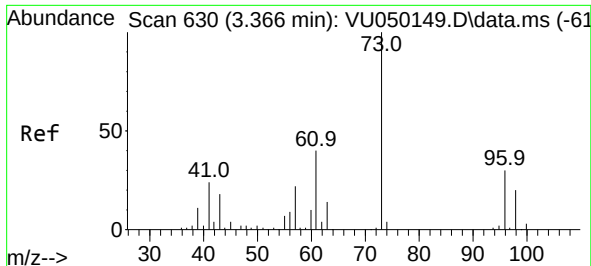
Tgt Ion: 43 Resp: 10841
Ion Ratio Lower Upper
43 100
74 23.4 22.7 34.1



#16
Methylene chloride
Concen: 4.379 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU050162.D
Acq: 09 Aug 2022 03:09

Tgt Ion: 84 Resp: 40649
Ion Ratio Lower Upper
84 100
86 60.6 45.9 85.3
49 108.9 77.6 144.0

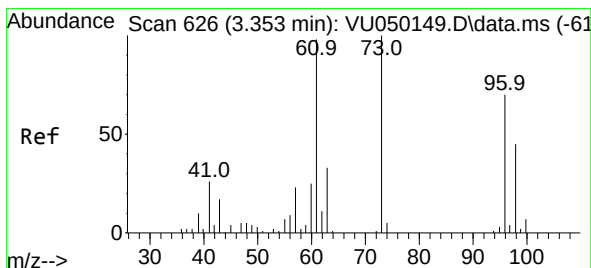
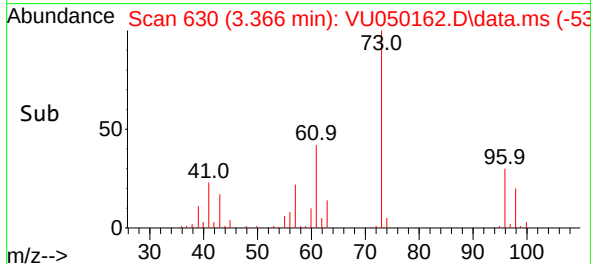
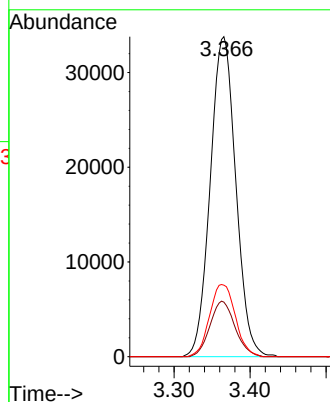
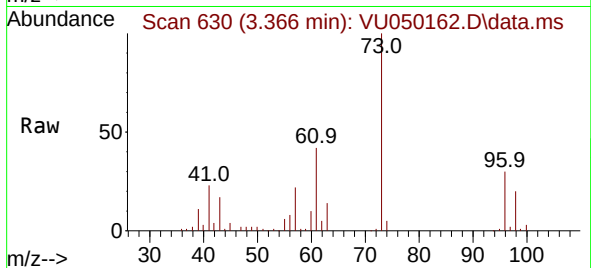




#17
Methyl tert-butyl Ether
Concen: 4.976 ug/L
RT: 3.366 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU050162.D
Acq: 09 Aug 2022 03:09

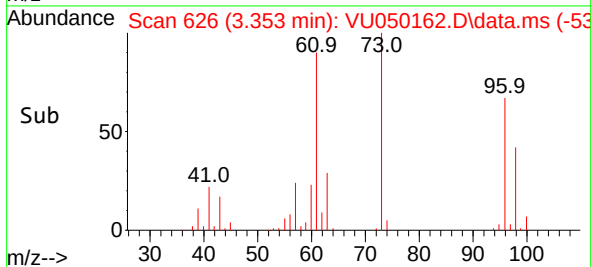
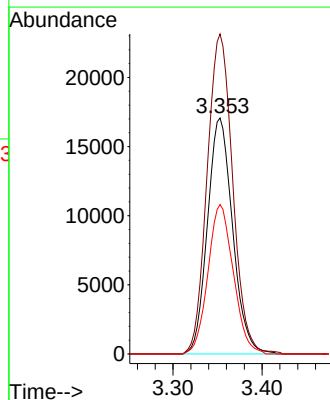
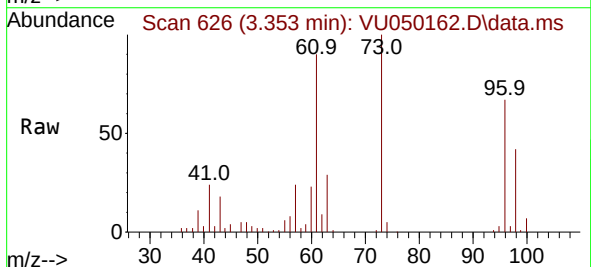
Instrument :
MSVOA_U
ClientSampleId :
DBUV5MSD

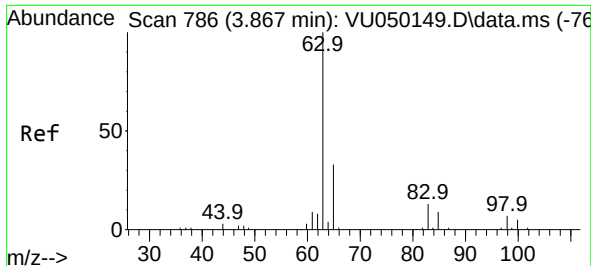
Tgt Ion: 73	Resp: 78892
Ion Ratio	Lower Upper
73 100	
43 17.0	13.5 20.3
57 22.8	17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 4.923 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.000 min
Lab File: VU050162.D
Acq: 09 Aug 2022 03:09

Tgt Ion: 96	Resp: 33486		
Ion Ratio	Lower	Upper	
96 100			
61 135.6	92.3	171.5	
98 63.3	43.2	80.2	





#19

1,1-Dichloroethane

Concen: 5.155 ug/L

RT: 3.870 min Scan# 786

Delta R.T. 0.003 min

Lab File: VU050162.D

Acq: 09 Aug 2022 03:09

Instrument :

MSVOA_U

ClientSampleId :

DBUV5MSD

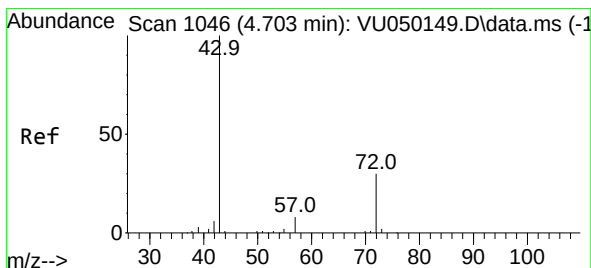
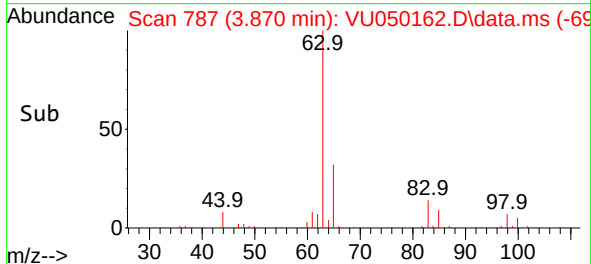
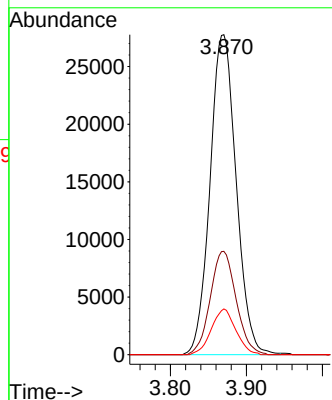
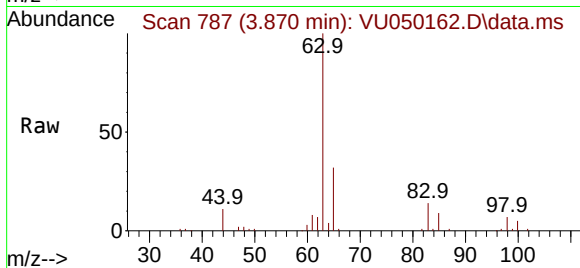
Tgt Ion: 63 Resp: 66398

Ion Ratio Lower Upper

63 100

65 32.3 22.7 42.3

83 14.3 9.8 18.2



#21

2-Butanone

Concen: 58.776 ug/L

RT: 4.700 min Scan# 1045

Delta R.T. -0.003 min

Lab File: VU050162.D

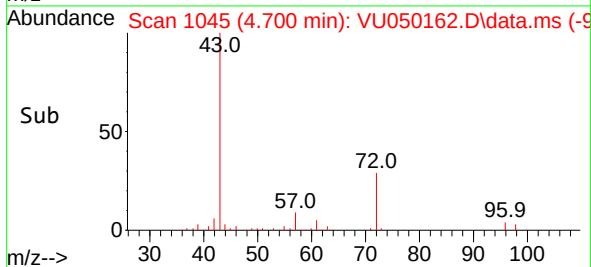
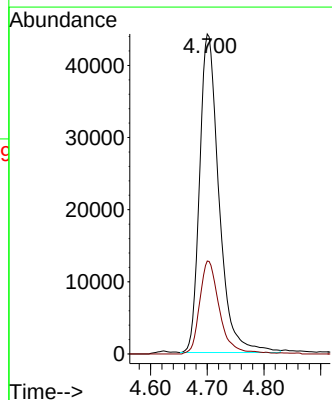
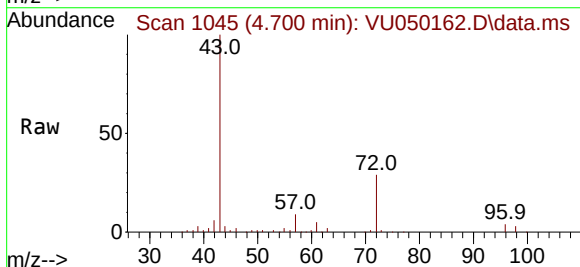
Acq: 09 Aug 2022 03:09

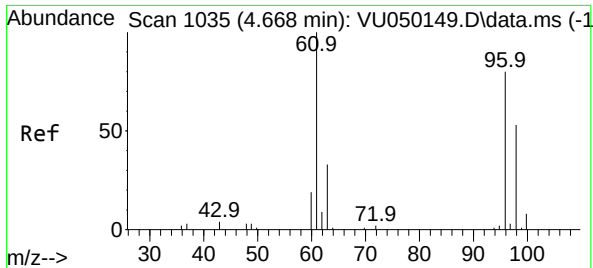
Tgt Ion: 43 Resp: 104977

Ion Ratio Lower Upper

43 100

72 29.7 14.0 42.0

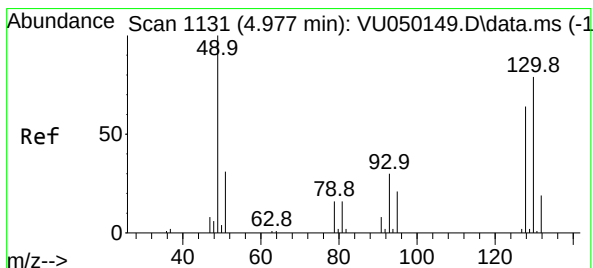
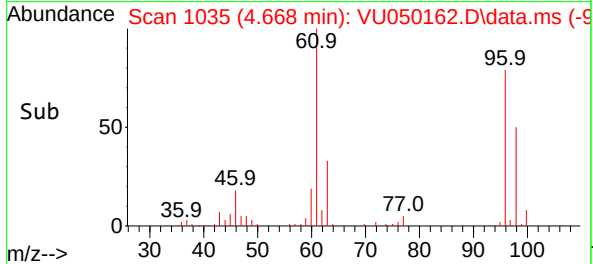
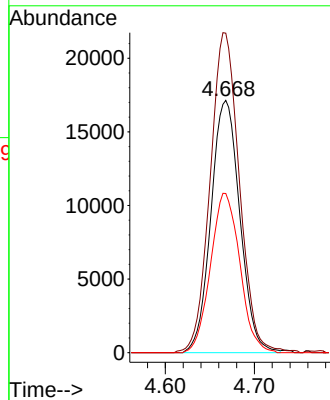
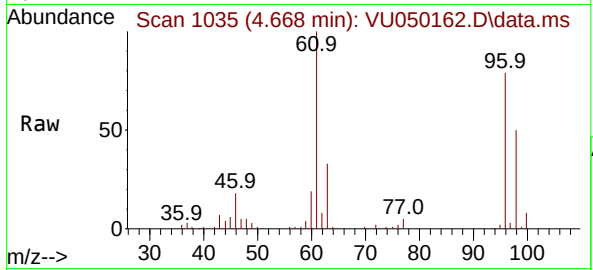




#22
 cis-1,2-Dichloroethene
 Concen: 5.116 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.000 min
 Lab File: VU050162.D
 Acq: 09 Aug 2022 03:09

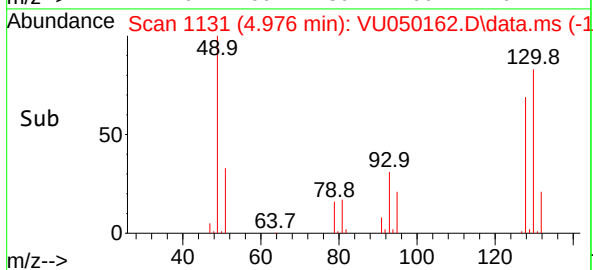
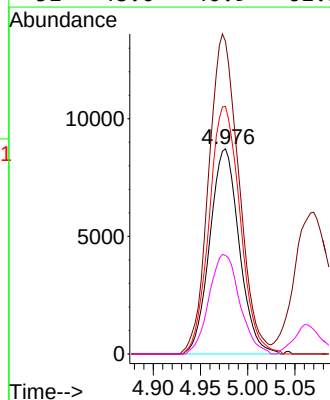
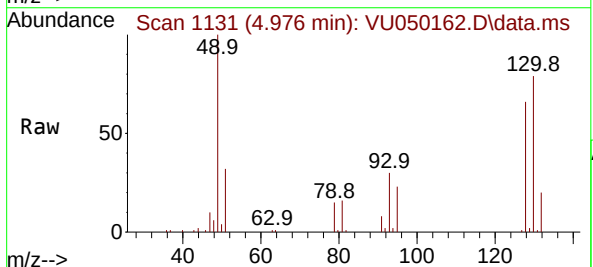
Instrument :
 MSVOA_U
 ClientSampleId :
 DBUV5MSD

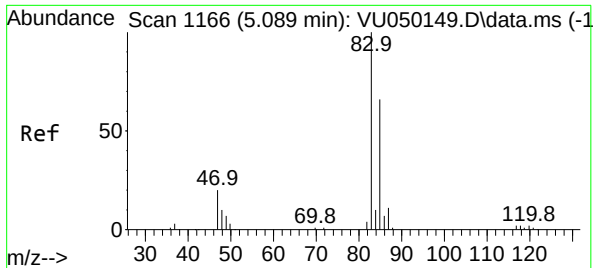
Tgt Ion: 96 Resp: 38621
 Ion Ratio Lower Upper
 96 100
 61 126.7 89.0 165.4
 98 63.1 45.2 84.0



#23
 Bromochloromethane
 Concen: 5.240 ug/L
 RT: 4.976 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: VU050162.D
 Acq: 09 Aug 2022 03:09

Tgt Ion: 128 Resp: 18909
 Ion Ratio Lower Upper
 128 100
 49 152.4 111.4 206.8
 130 120.7 90.2 167.4
 51 48.0 40.9 61.3





#25

Chloroform

Concen: 5.014 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU050162.D

Acq: 09 Aug 2022 03:09

Instrument :

MSVOA_U

ClientSampleId :

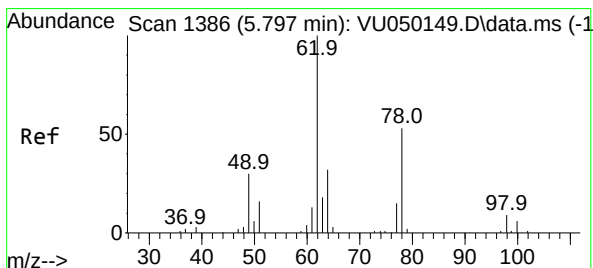
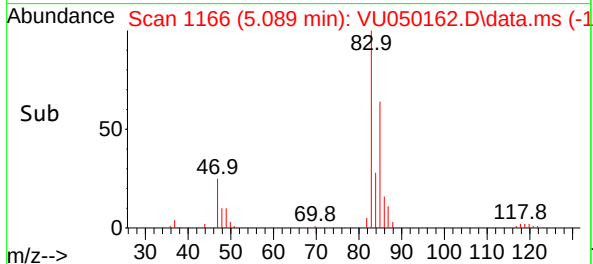
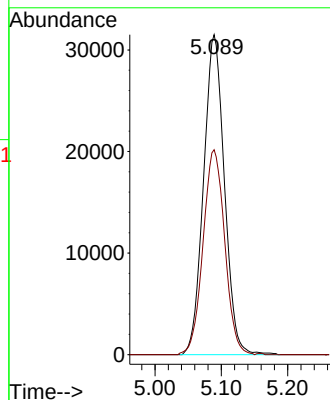
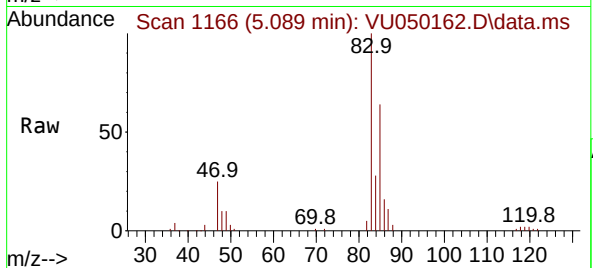
DBUV5MSD

Tgt Ion: 83 Resp: 68853

Ion Ratio Lower Upper

83 100

85 64.0 46.1 85.5



#27

1,2-Dichloroethane

Concen: 5.164 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU050162.D

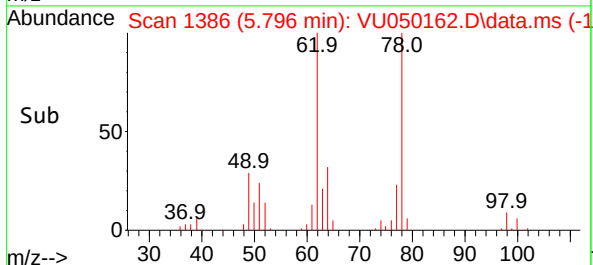
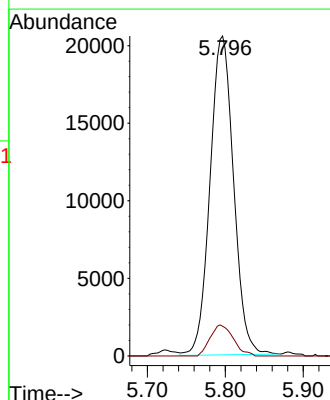
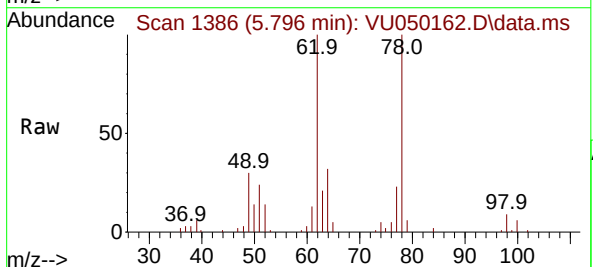
Acq: 09 Aug 2022 03:09

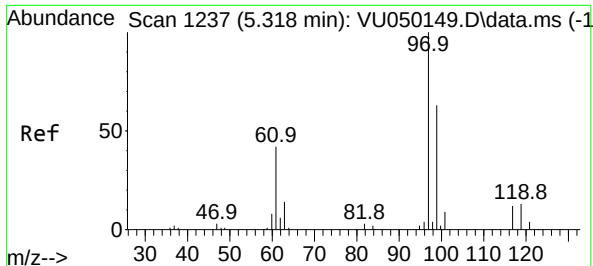
Tgt Ion: 62 Resp: 43152

Ion Ratio Lower Upper

62 100

98 9.3 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.987 ug/L

RT: 5.317 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU050162.D

Acq: 09 Aug 2022 03:09

Instrument :

MSVOA_U

ClientSampleId :

DBUV5MSD

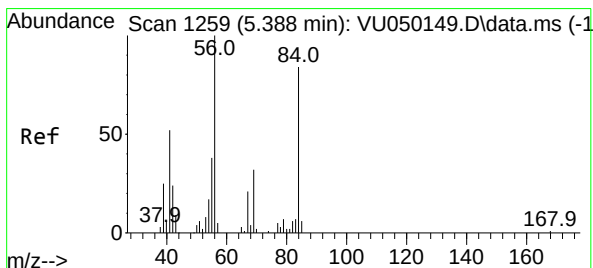
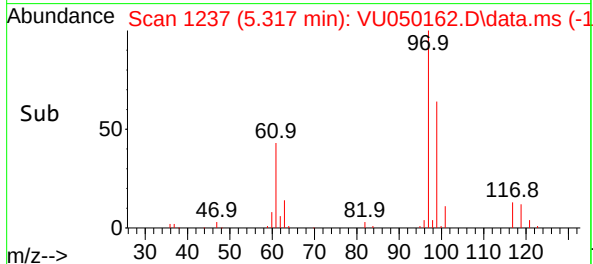
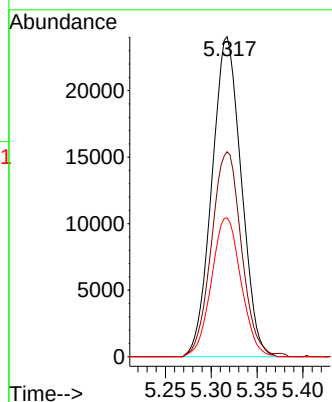
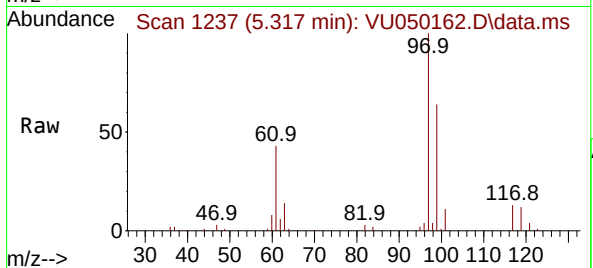
Tgt Ion: 97 Resp: 53500

Ion Ratio Lower Upper

97 100

99 65.8 51.5 77.3

61 43.8 34.2 51.4



#30

Cyclohexane

Concen: 4.523 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VU050162.D

Acq: 09 Aug 2022 03:09

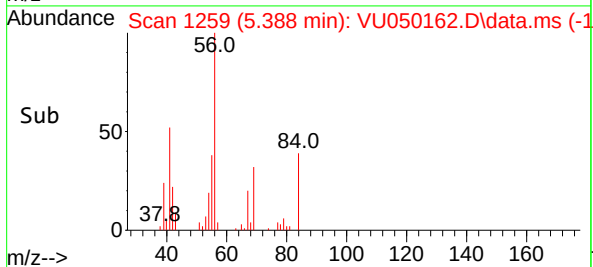
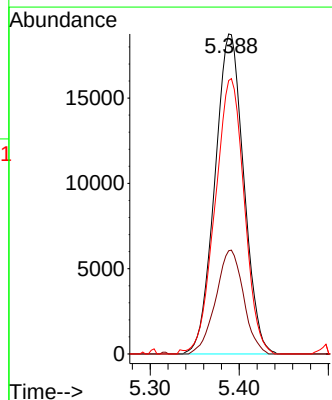
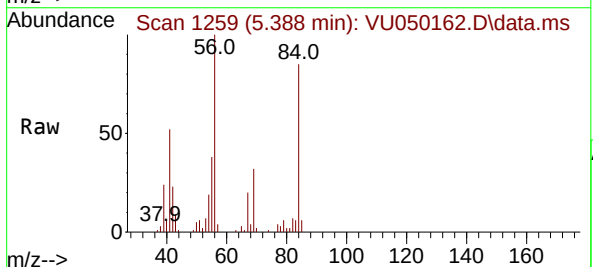
Tgt Ion: 56 Resp: 42277

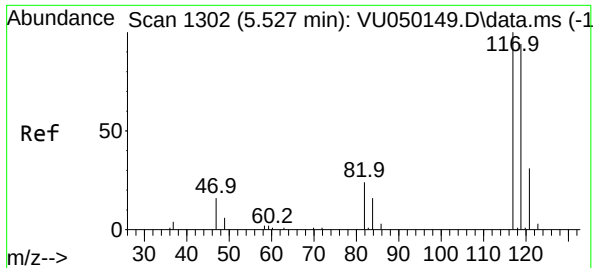
Ion Ratio Lower Upper

56 100

69 31.2 24.6 37.0

84 87.0 69.1 103.7

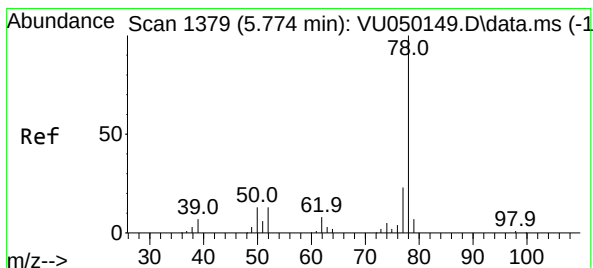
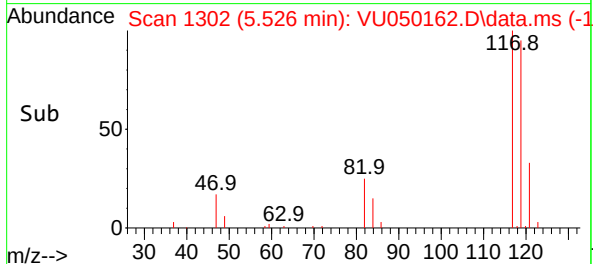
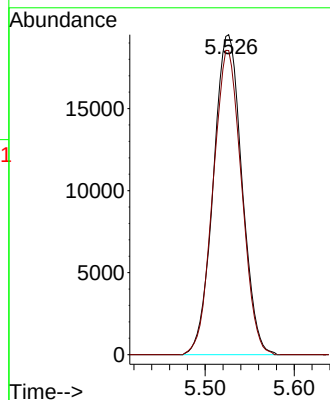
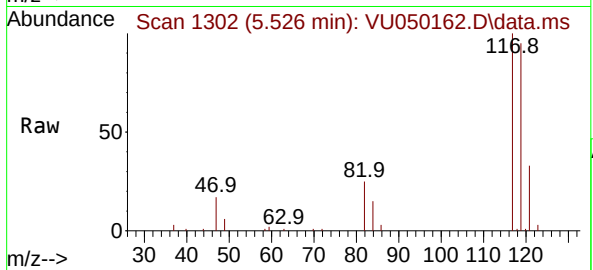




#31
Carbon tetrachloride
Concen: 4.938 ug/L
RT: 5.526 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU050162.D
Acq: 09 Aug 2022 03:09

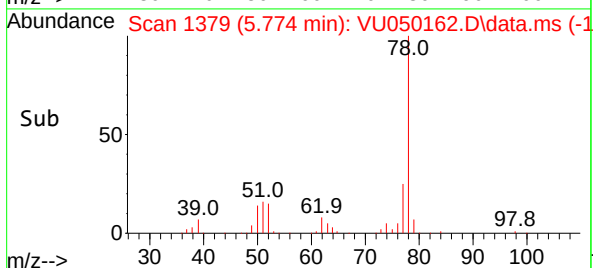
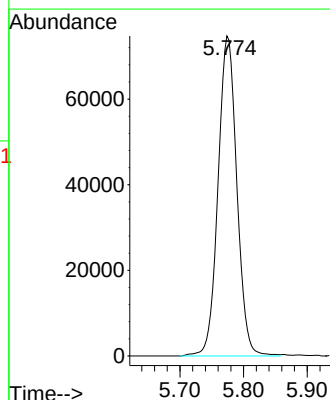
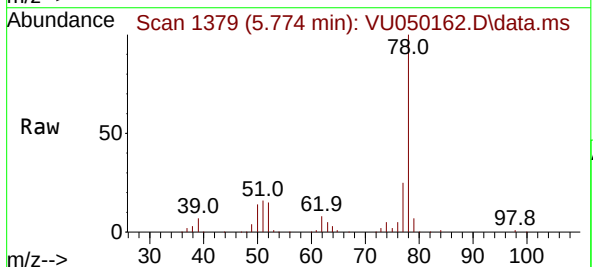
Instrument :
MSVOA_U
ClientSampleId :
DBUV5MSD

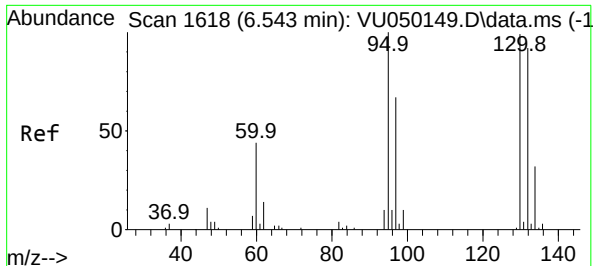
Tgt Ion:117 Resp: 43425
Ion Ratio Lower Upper
117 100
119 94.7 76.0 114.0



#33
Benzene
Concen: 5.007 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU050162.D
Acq: 09 Aug 2022 03:09

Tgt Ion: 78 Resp: 153430



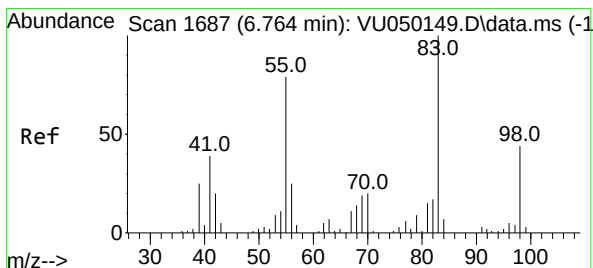
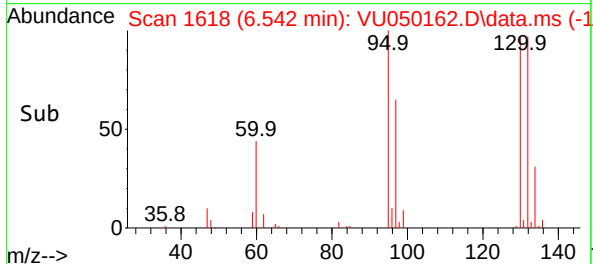
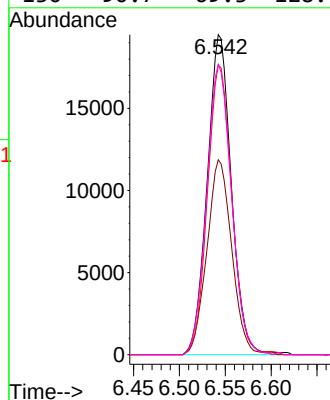
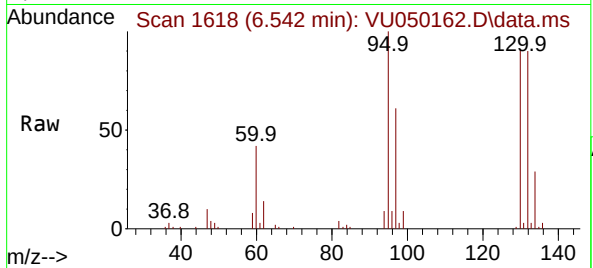


#34
Trichloroethene
Concen: 4.818 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU050162.D
Acq: 09 Aug 2022 03:09

Instrument :
MSVOA_U
ClientSampleId :
DBUV5MSD

Tgt Ion: 95 Resp: 35703

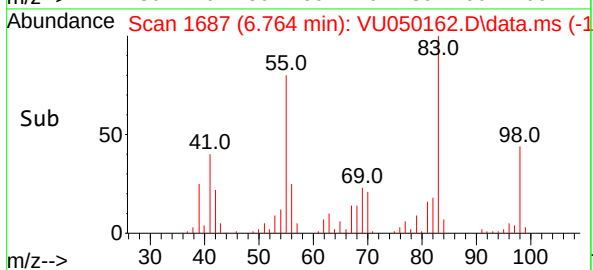
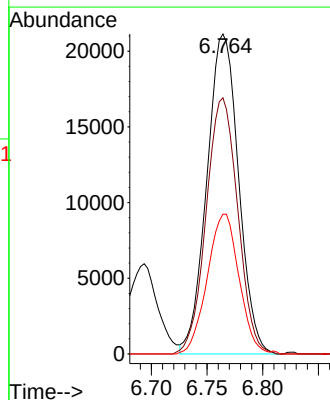
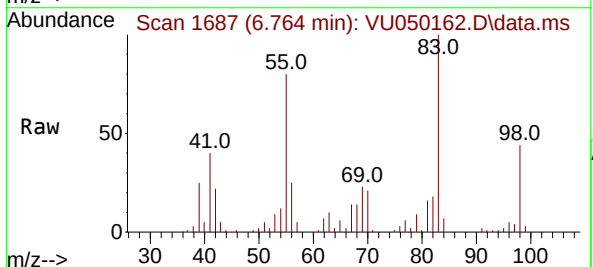
Ion	Ratio	Lower	Upper
95	100		
97	60.9	45.6	84.8
132	90.4	65.0	120.6
130	90.7	69.3	128.7

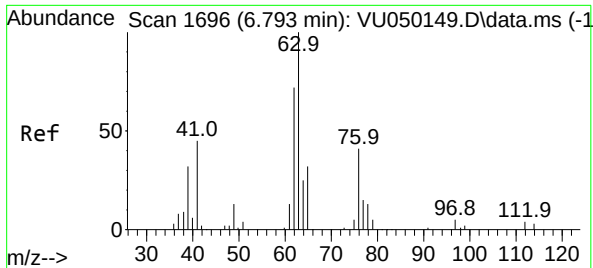


#35
Methylcyclohexane
Concen: 4.377 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VU050162.D
Acq: 09 Aug 2022 03:09

Tgt Ion: 83 Resp: 41873

Ion	Ratio	Lower	Upper
83	100		
55	79.7	62.7	94.1
98	43.8	36.2	54.2

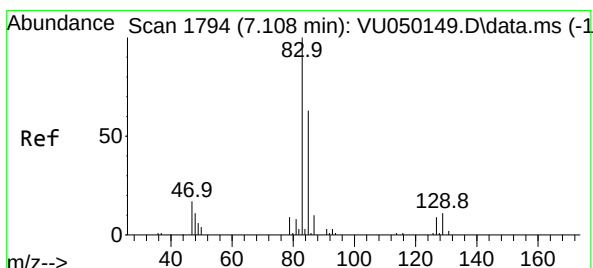
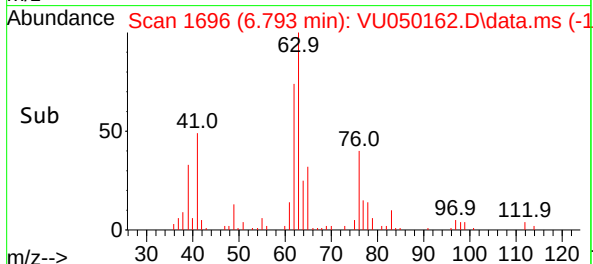
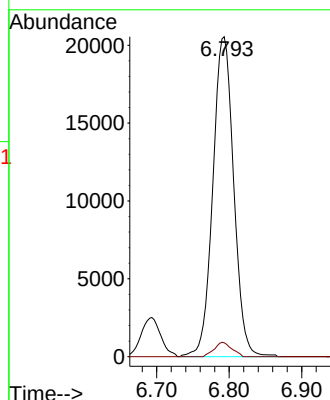
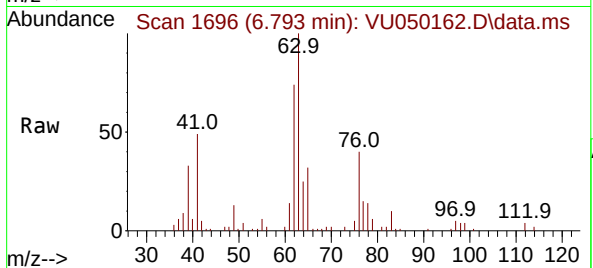




#37
1,2-Dichloropropane
Concen: 5.037 ug/L
RT: 6.793 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU050162.D
Acq: 09 Aug 2022 03:09

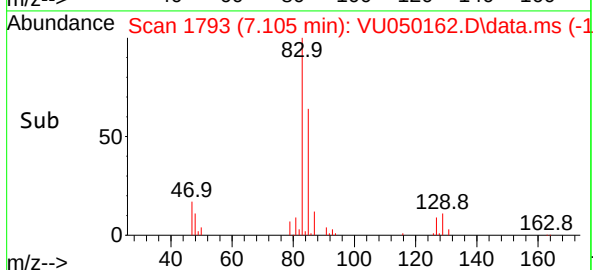
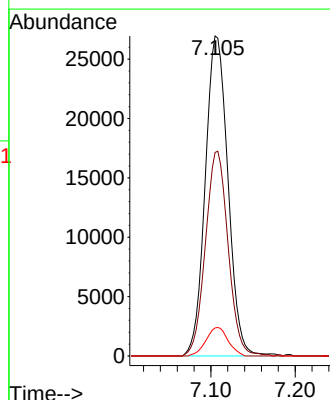
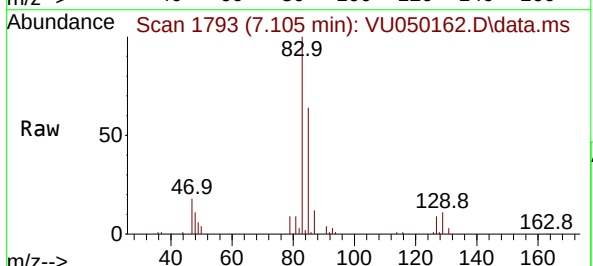
Instrument :
MSVOA_U
ClientSampleId :
DBUV5MSD

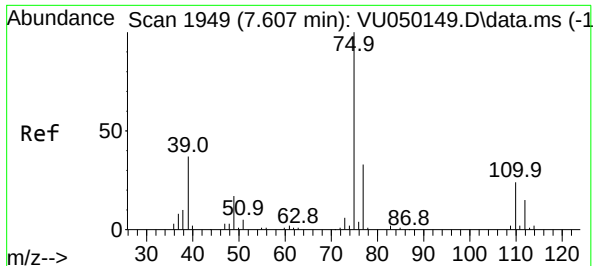
Tgt Ion: 63 Resp: 41114
Ion Ratio Lower Upper
63 100
112 3.8 3.0 4.4



#38
Bromodichloromethane
Concen: 5.101 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. -0.003 min
Lab File: VU050162.D
Acq: 09 Aug 2022 03:09

Tgt Ion: 83 Resp: 50568
Ion Ratio Lower Upper
83 100
85 63.6 45.1 83.7
127 8.8 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 4.468 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU050162.D

Acq: 09 Aug 2022 03:09

Instrument :

MSVOA_U

ClientSampleId :

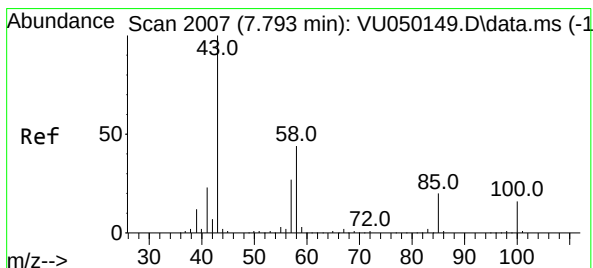
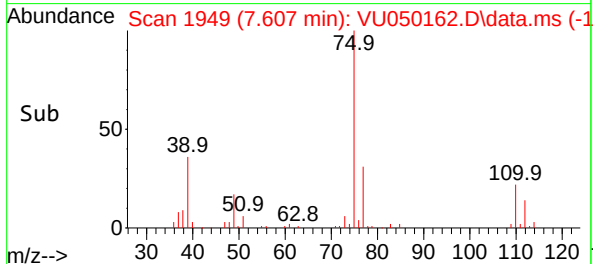
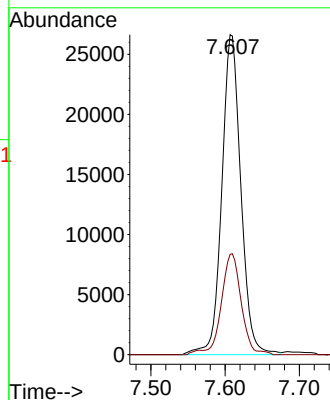
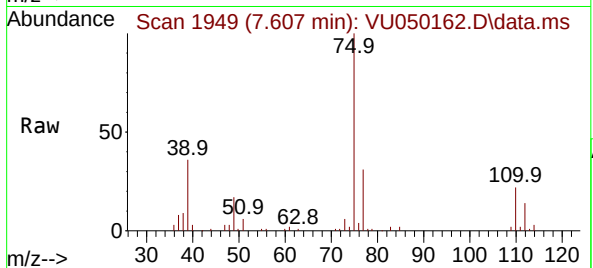
DBUV5MSD

Tgt Ion: 75 Resp: 47592

Ion Ratio Lower Upper

75 100

77 31.3 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 51.360 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.004 min

Lab File: VU050162.D

Acq: 09 Aug 2022 03:09

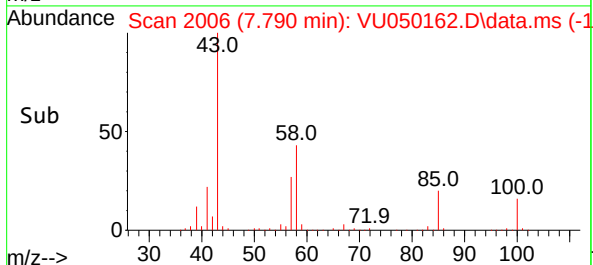
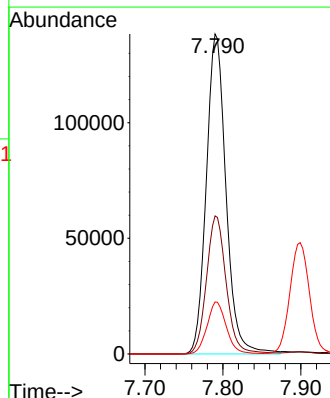
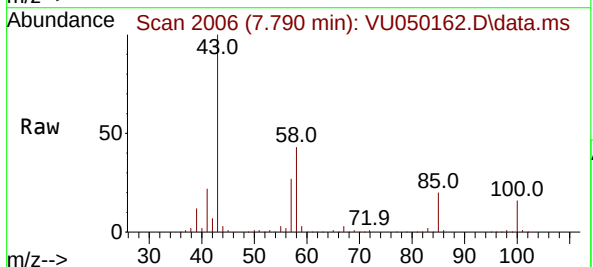
Tgt Ion: 43 Resp: 242802

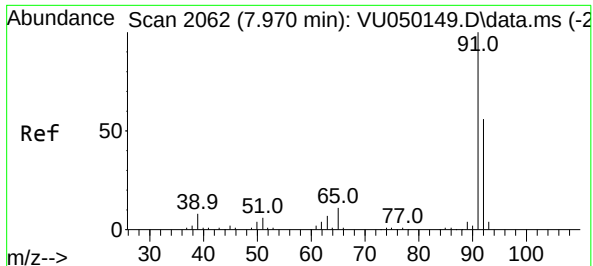
Ion Ratio Lower Upper

43 100

58 43.3 34.6 51.8

100 15.9 13.0 19.4

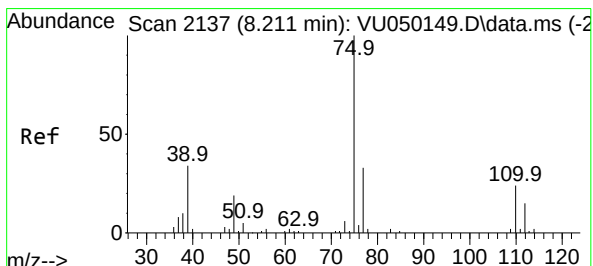
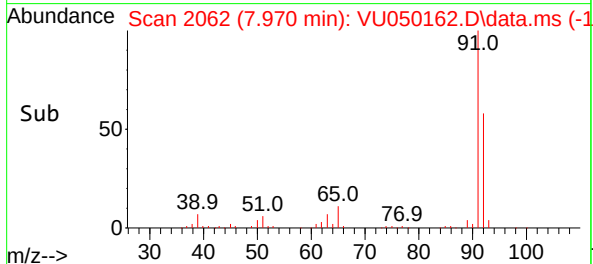
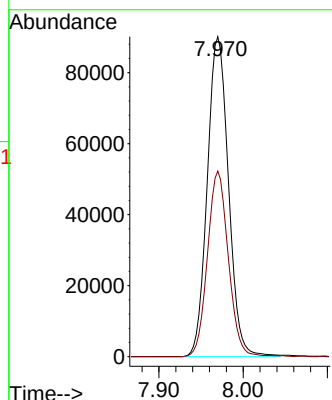
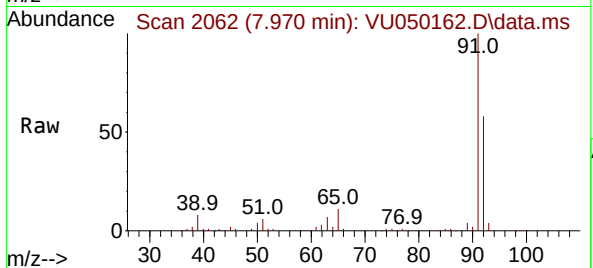




#42
Toluene
Concen: 5.140 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU050162.D
Acq: 09 Aug 2022 03:09

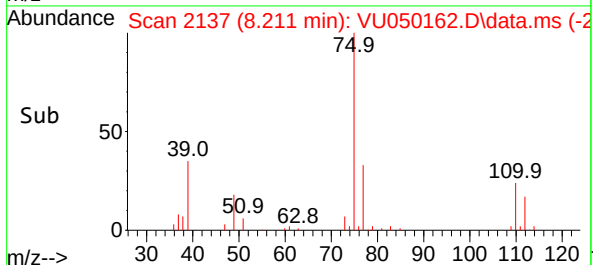
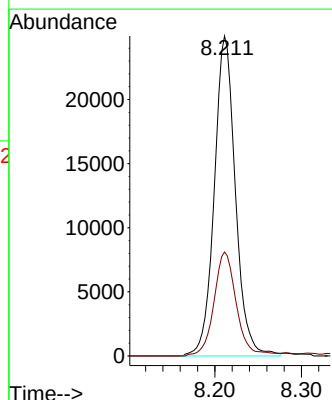
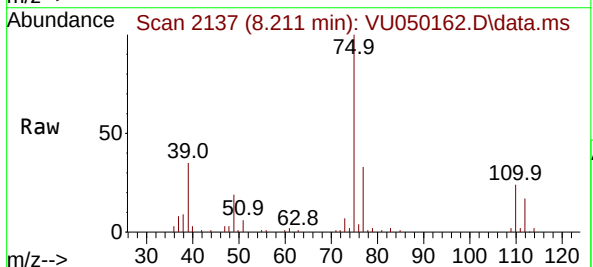
Instrument :
MSVOA_U
ClientSampleId :
DBUV5MSD

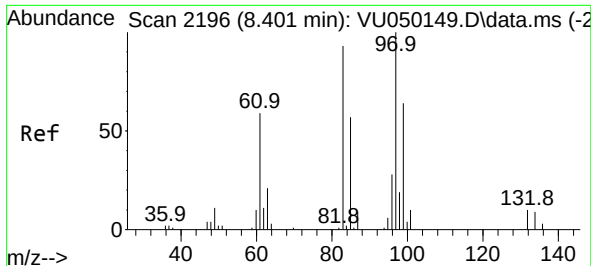
Tgt Ion: 91 Resp: 157964
Ion Ratio Lower Upper
91 100
92 58.0 39.8 74.0



#44
trans-1,3-Dichloropropene
Concen: 4.623 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VU050162.D
Acq: 09 Aug 2022 03:09

Tgt Ion: 75 Resp: 42233
Ion Ratio Lower Upper
75 100
77 32.5 22.0 40.8



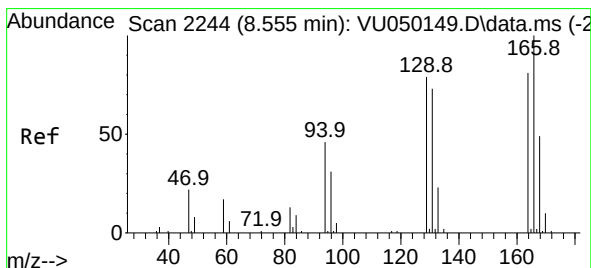
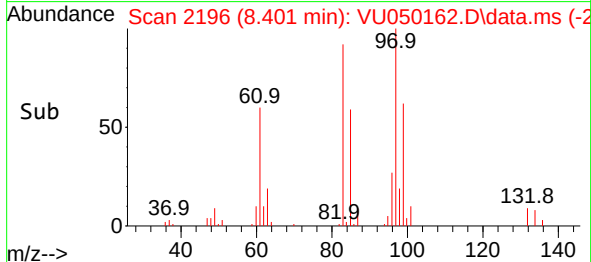
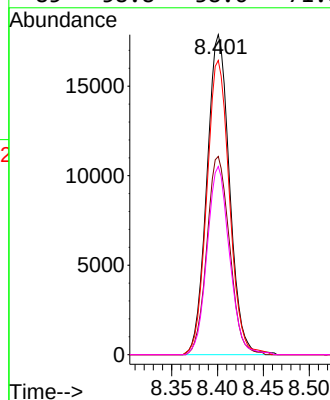
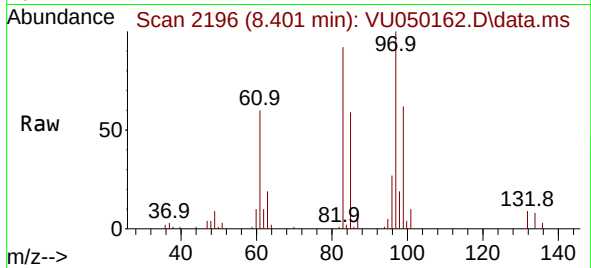


#45
1,1,2-Trichloroethane
Concen: 5.036 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU050162.D
Acq: 09 Aug 2022 03:09

Instrument :
MSVOA_U
ClientSampleId :
DBUV5MSD

Tgt Ion: 97 Resp: 30726

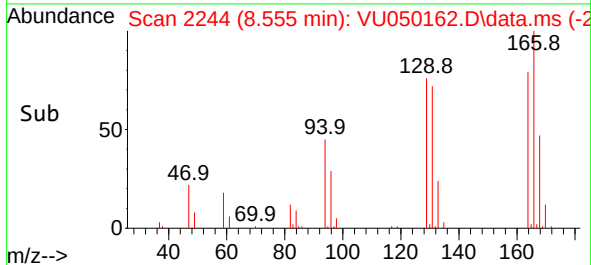
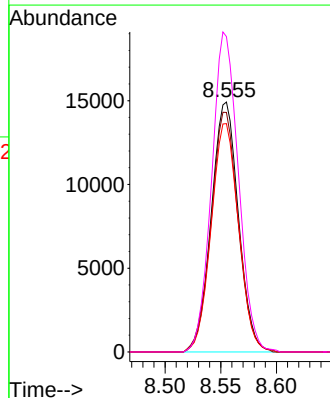
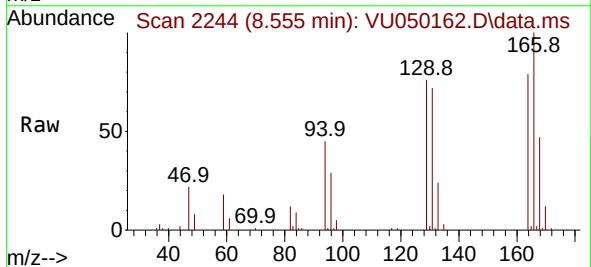
Ion	Ratio	Lower	Upper
97	100		
99	62.0	42.2	78.4
83	91.9	59.6	110.6
85	58.8	38.6	71.8

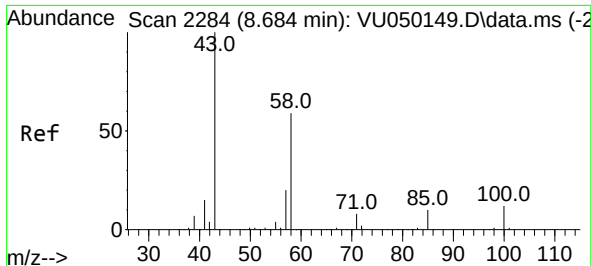


#47
Tetrachloroethene
Concen: 4.746 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU050162.D
Acq: 09 Aug 2022 03:09

Tgt Ion: 164 Resp: 25199

Ion	Ratio	Lower	Upper
164	100		
129	95.8	69.0	128.1
131	91.4	65.8	122.2
166	126.2	86.1	159.9

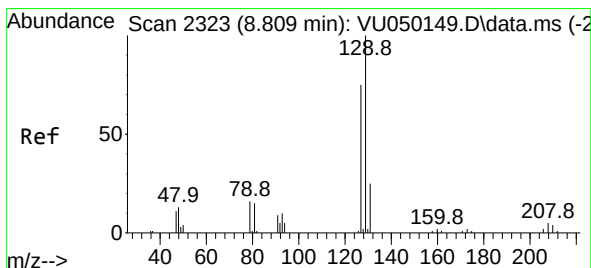
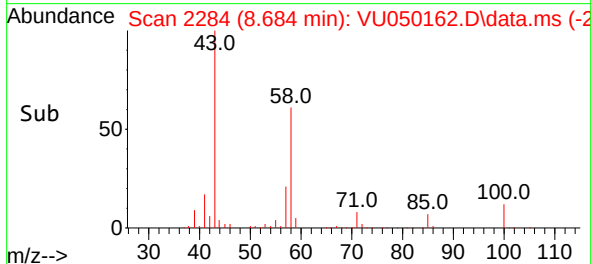
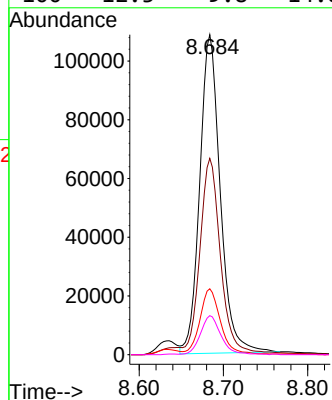
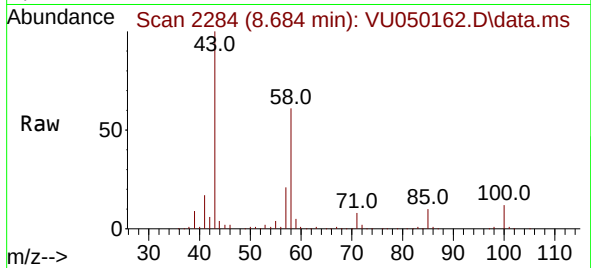




#48
2-Hexanone
Concen: 50.403 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050162.D
Acq: 09 Aug 2022 03:09

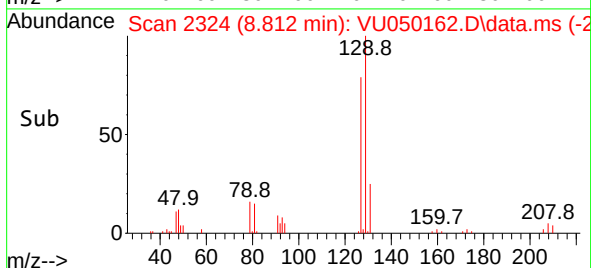
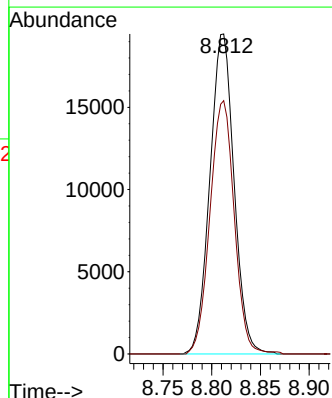
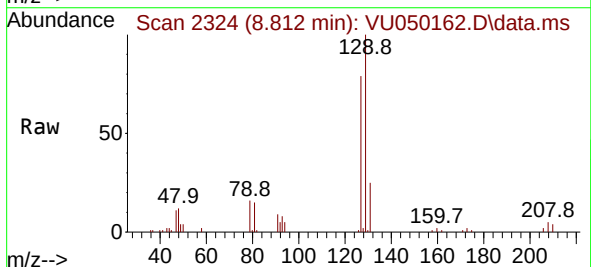
Instrument :
MSVOA_U
ClientSampleId :
DBUV5MSD

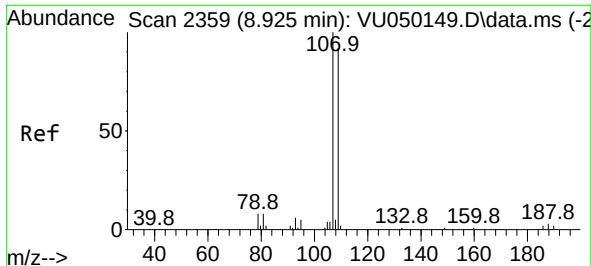
Tgt Ion: 43 Resp: 184291
Ion Ratio Lower Upper
43 100
58 65.3 50.6 76.0
57 20.6 16.0 24.0
100 12.3 9.8 14.8



#49
Dibromochloromethane
Concen: 4.974 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VU050162.D
Acq: 09 Aug 2022 03:09

Tgt Ion: 129 Resp: 33585
Ion Ratio Lower Upper
129 100
127 79.2 55.3 102.7





#50

1,2-Dibromoethane

Concen: 5.128 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU050162.D

Acq: 09 Aug 2022 03:09

Instrument :

MSVOA_U

ClientSampleId :

DBUV5MSD

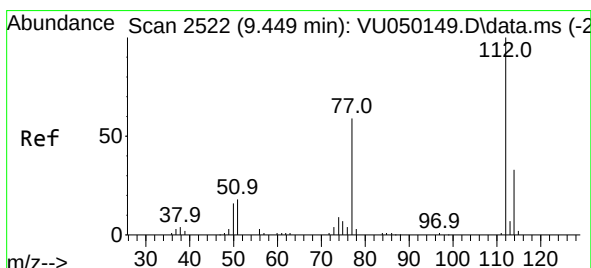
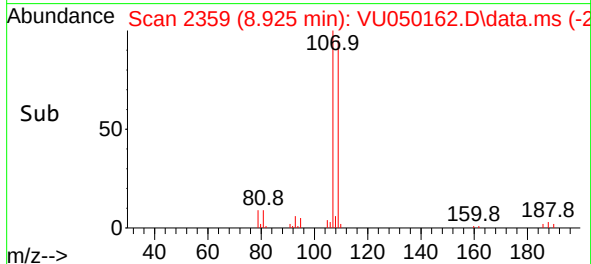
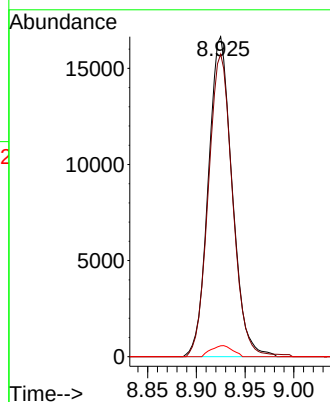
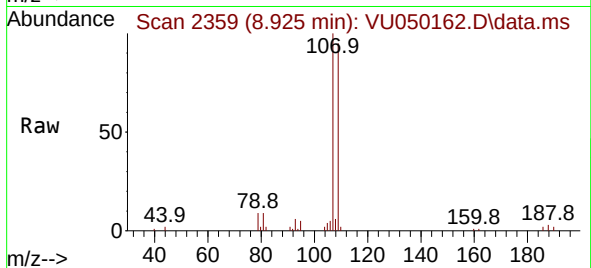
Tgt Ion:107 Resp: 28370

Ion Ratio Lower Upper

107 100

109 94.6 66.6 123.6

188 3.4 2.7 4.1



#51

Chlorobenzene

Concen: 4.908 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU050162.D

Acq: 09 Aug 2022 03:09

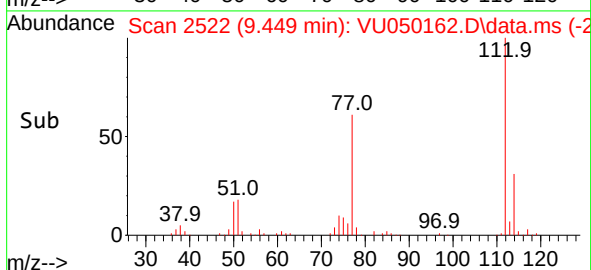
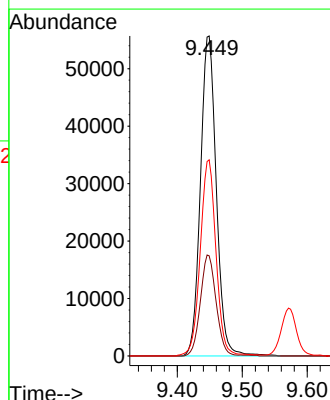
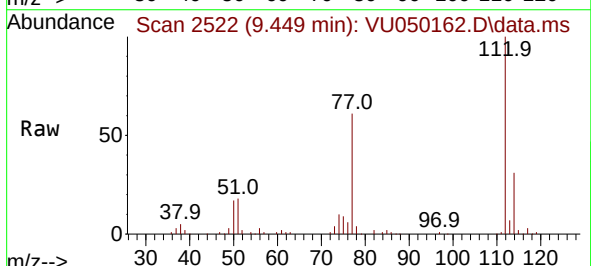
Tgt Ion:112 Resp: 94898

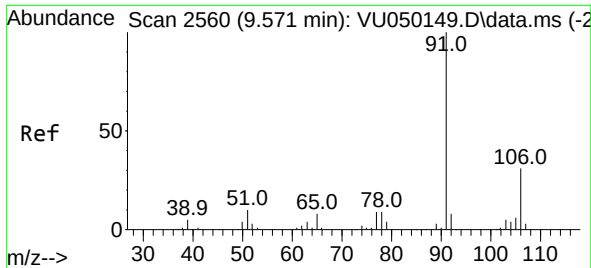
Ion Ratio Lower Upper

112 100

114 31.3 22.1 41.1

77 61.3 46.3 69.5

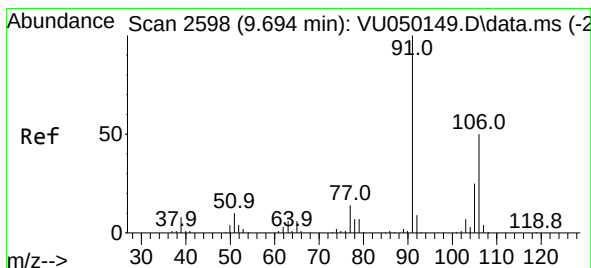
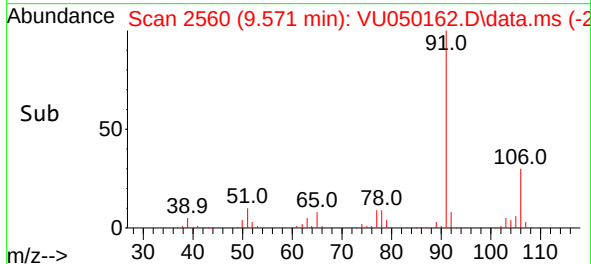
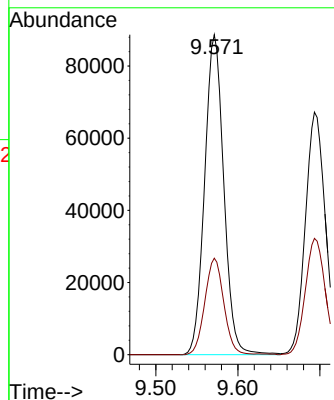
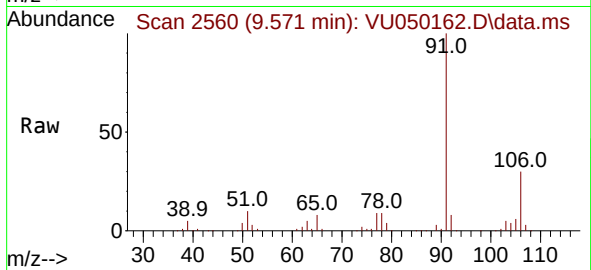




#52
Ethylbenzene
Concen: 4.792 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU050162.D
Acq: 09 Aug 2022 03:09

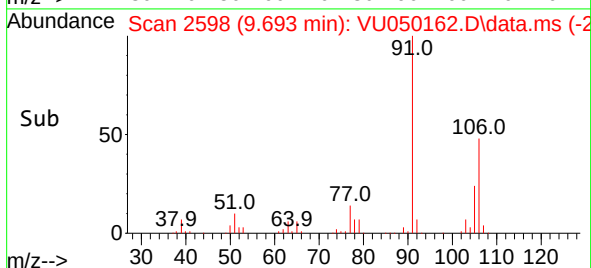
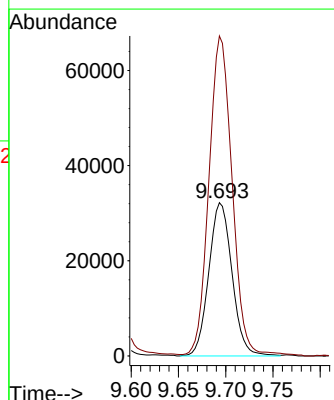
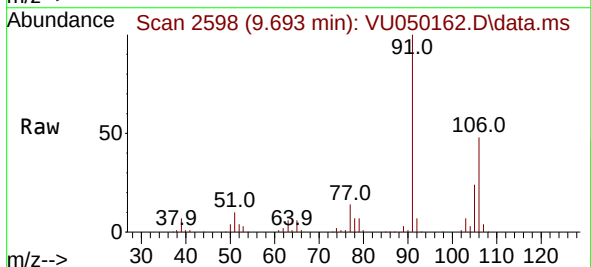
Instrument :
MSVOA_U
ClientSampleId :
DBUV5MSD

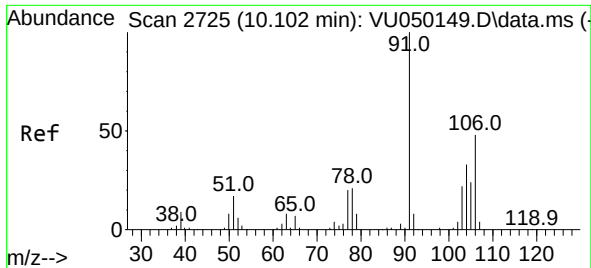
Tgt Ion: 91 Resp: 143692
Ion Ratio Lower Upper
91 100
106 30.1 21.3 39.5



#53
m,p-Xylene
Concen: 4.993 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU050162.D
Acq: 09 Aug 2022 03:09

Tgt Ion: 106 Resp: 55135
Ion Ratio Lower Upper
106 100
91 208.7 143.1 265.9

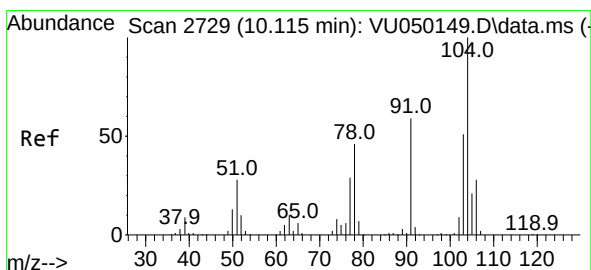
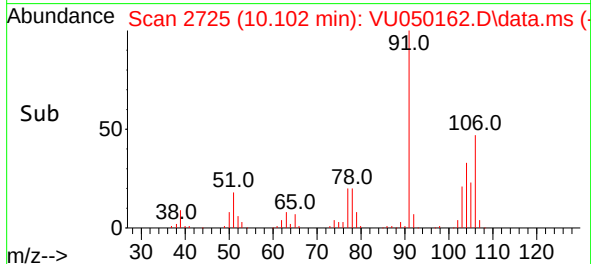
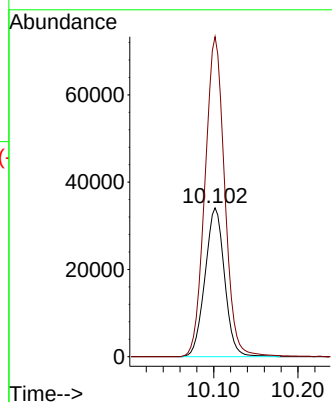
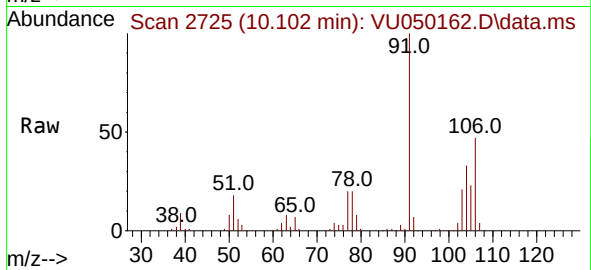




#54
o-Xylene
Concen: 5.009 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU050162.D
Acq: 09 Aug 2022 03:09

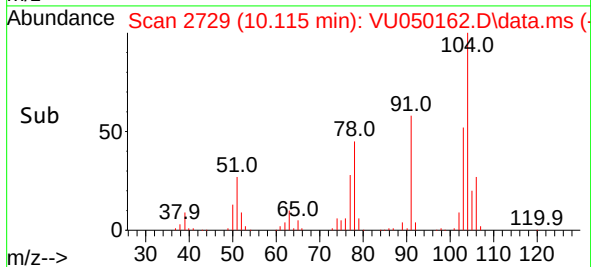
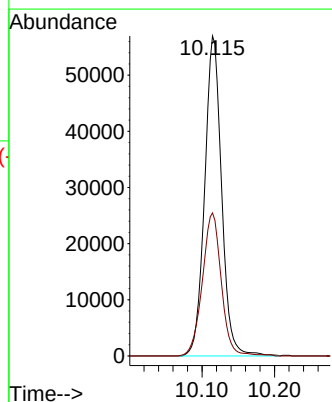
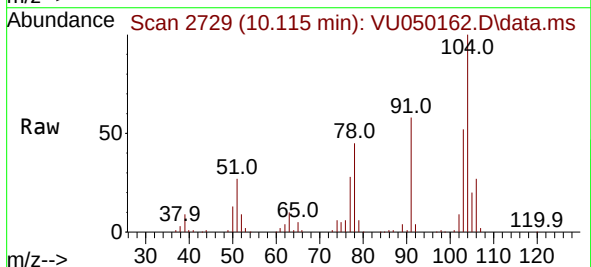
Instrument :
MSVOA_U
ClientSampleId :
DBUV5MSD

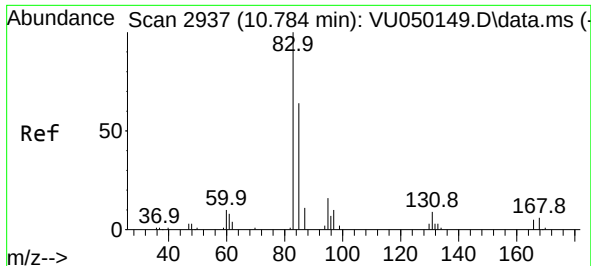
Tgt Ion:106 Resp: 55216
Ion Ratio Lower Upper
106 100
91 214.9 149.4 277.4



#55
Styrene
Concen: 5.028 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU050162.D
Acq: 09 Aug 2022 03:09

Tgt Ion:104 Resp: 92603
Ion Ratio Lower Upper
104 100
78 44.7 31.9 59.3





#57

1,1,2,2-Tetrachloroethane

Concen: 5.213 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU050162.D

Acq: 09 Aug 2022 03:09

Instrument :

MSVOA_U

ClientSampleId :

DBUV5MSD

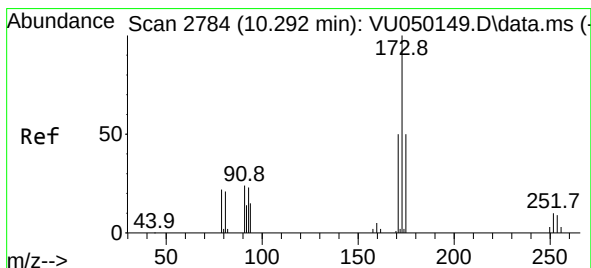
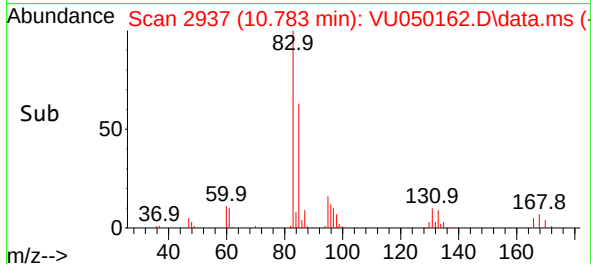
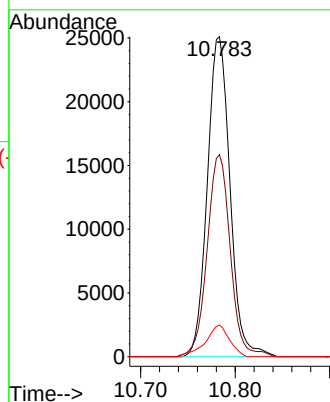
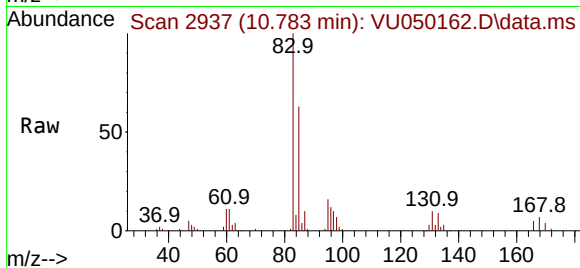
Tgt Ion: 83 Resp: 41793

Ion Ratio Lower Upper

83 100

85 63.1 45.2 84.0

131 9.9 6.6 9.8#



#59

Bromoform

Concen: 4.830 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.000 min

Lab File: VU050162.D

Acq: 09 Aug 2022 03:09

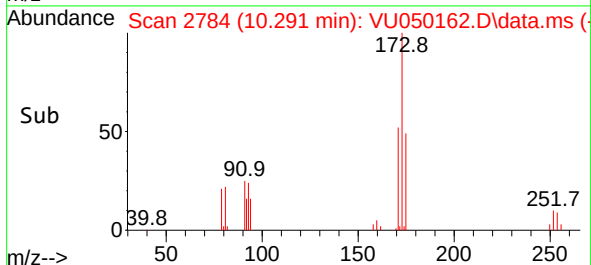
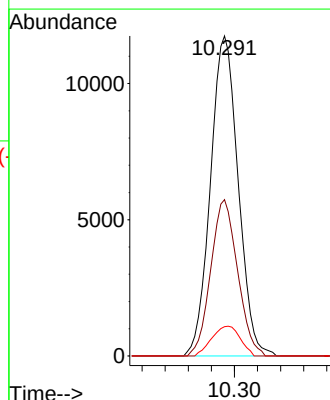
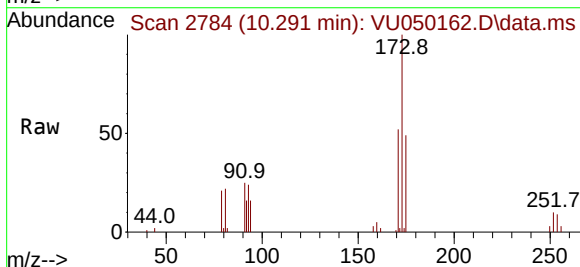
Tgt Ion: 173 Resp: 19581

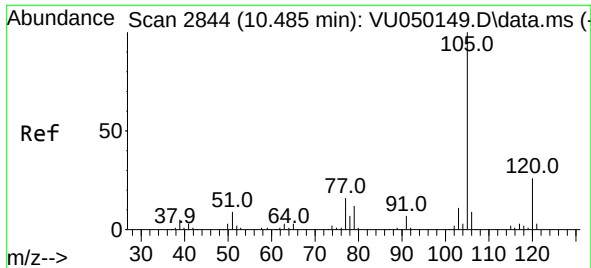
Ion Ratio Lower Upper

173 100

175 47.2 37.0 55.6

254 9.5 7.4 11.0

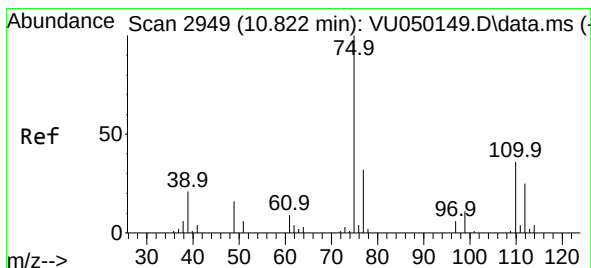
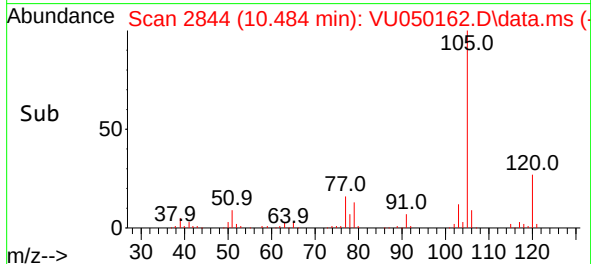
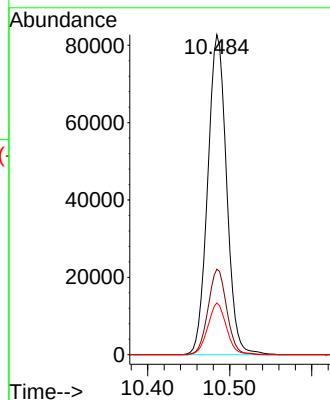
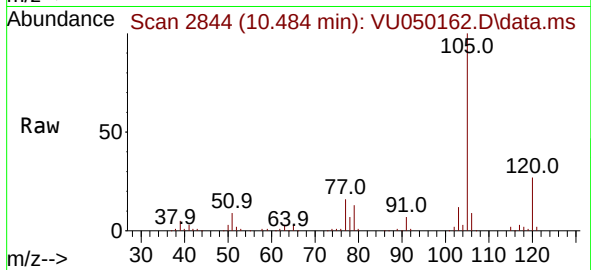




#60
Isopropylbenzene
Concen: 4.901 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU050162.D
Acq: 09 Aug 2022 03:09

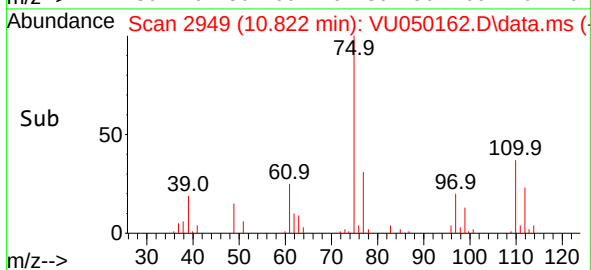
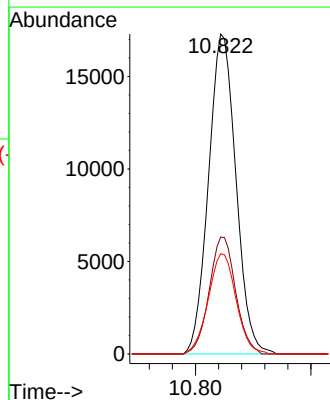
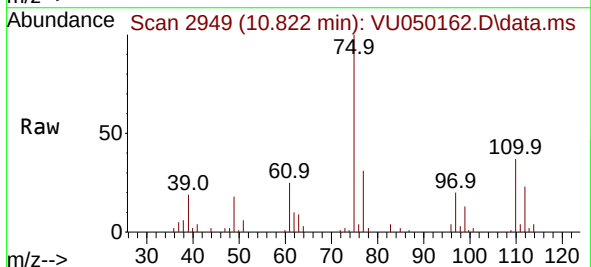
Instrument :
MSVOA_U
ClientSampleId :
DBUV5MSD

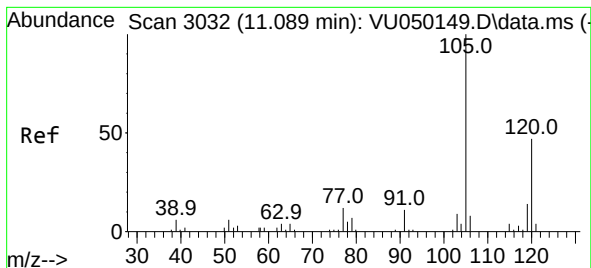
Tgt Ion:105 Resp: 132332
Ion Ratio Lower Upper
105 100
120 26.4 20.8 31.2
77 15.9 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.171 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU050162.D
Acq: 09 Aug 2022 03:09

Tgt Ion: 75 Resp: 28480
Ion Ratio Lower Upper
75 100
110 35.2 28.5 42.7
77 31.8 25.8 38.6





#62

1,3,5-Trimethylbenzene

Concen: 4.538 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU050162.D

Acq: 09 Aug 2022 03:09

Instrument :

MSVOA_U

ClientSampleId :

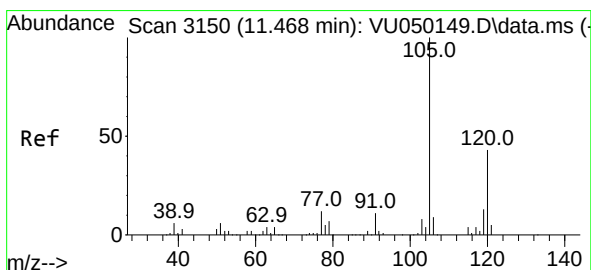
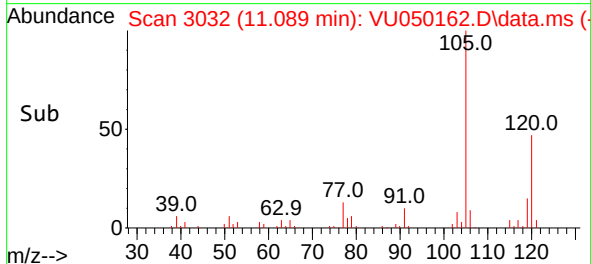
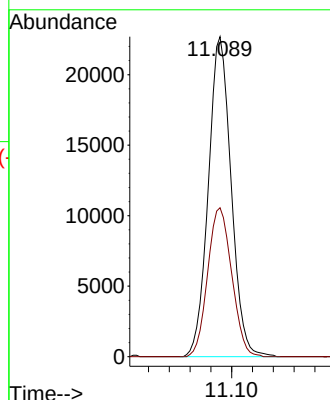
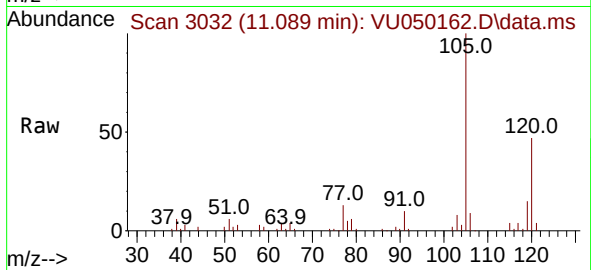
DBUV5MSD

Tgt Ion:105 Resp: 34614

Ion Ratio Lower Upper

105 100

120 49.0 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 4.769 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU050162.D

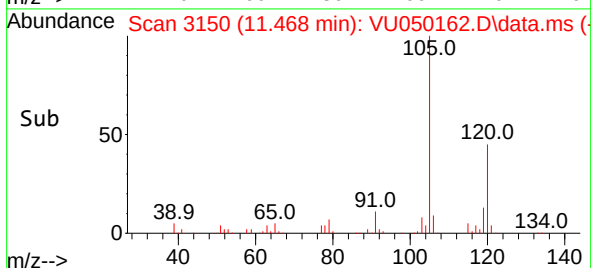
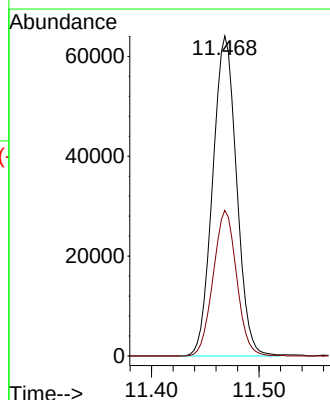
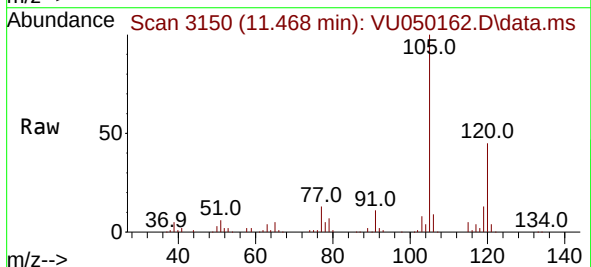
Acq: 09 Aug 2022 03:09

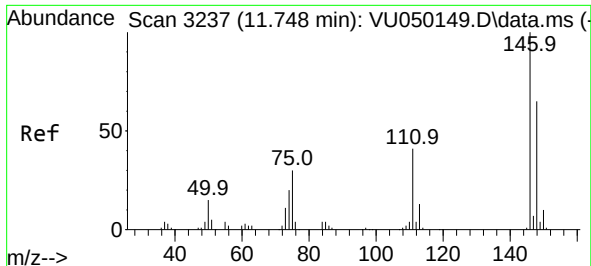
Tgt Ion:105 Resp: 99113

Ion Ratio Lower Upper

105 100

120 44.6 35.9 53.9

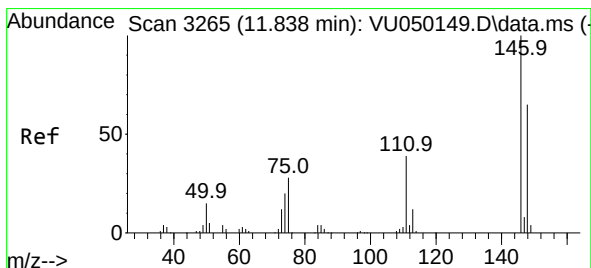
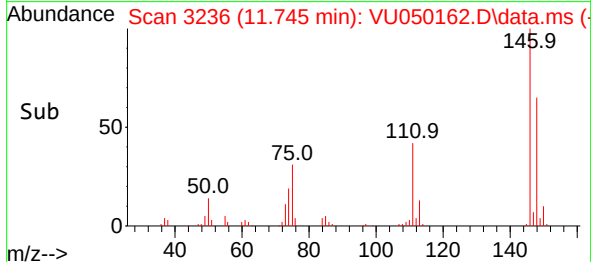
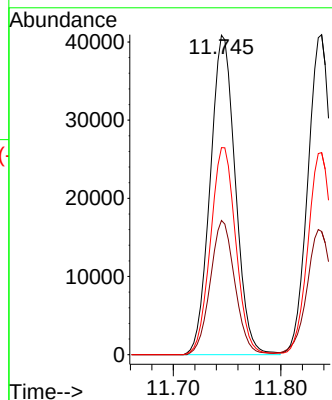
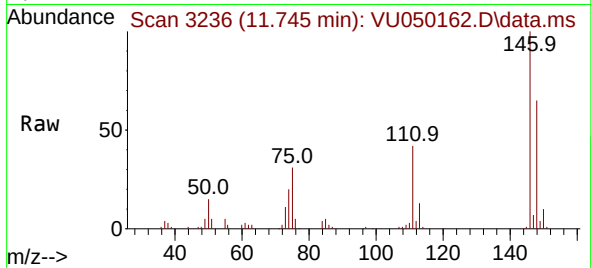




#64
1,3-Dichlorobenzene
Concen: 4.876 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU050162.D
Acq: 09 Aug 2022 03:09

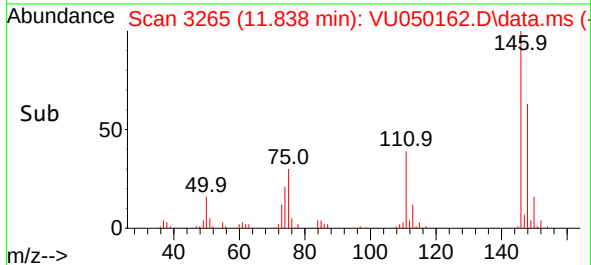
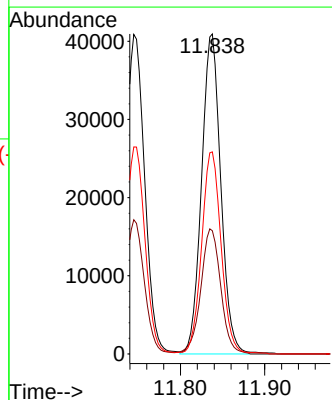
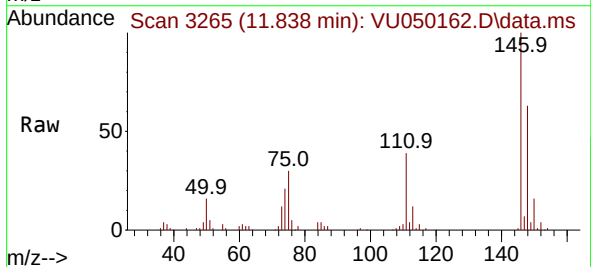
Instrument :
MSVOA_U
ClientSampleId :
DBUV5MSD

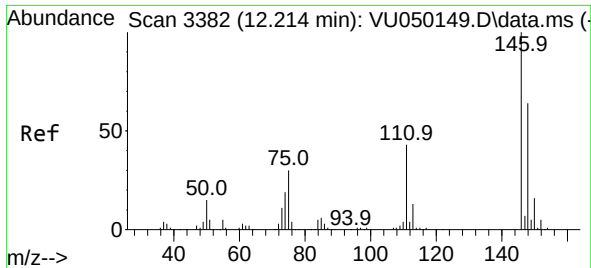
Tgt Ion:146 Resp: 66359
Ion Ratio Lower Upper
146 100
111 42.0 29.9 55.5
148 64.8 45.8 85.2



#65
1,4-Dichlorobenzene
Concen: 4.934 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU050162.D
Acq: 09 Aug 2022 03:09

Tgt Ion:146 Resp: 65333
Ion Ratio Lower Upper
146 100
111 38.5 28.1 52.1
148 63.2 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 5.045 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.004 min

Lab File: VU050162.D

Acq: 09 Aug 2022 03:09

Instrument :

MSVOA_U

ClientSampleId :

DBUV5MSD

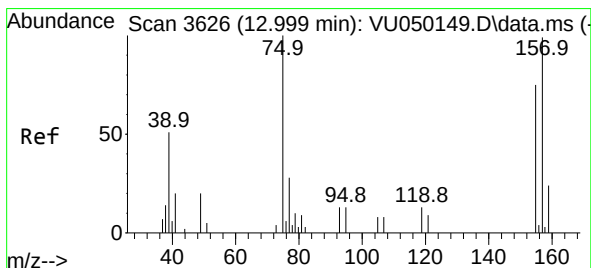
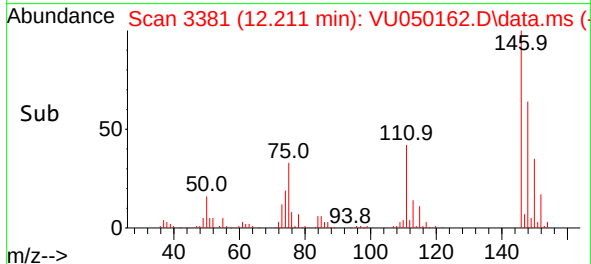
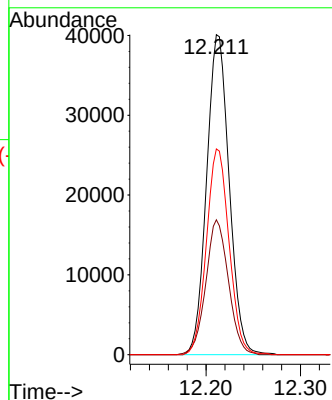
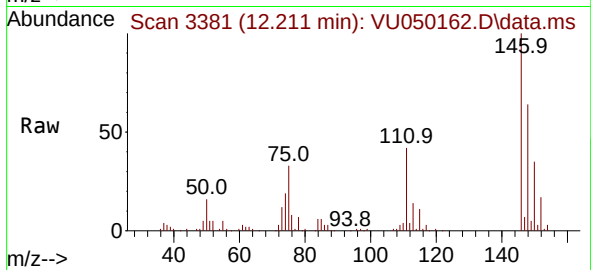
Tgt Ion:146 Resp: 66487

Ion Ratio Lower Upper

146 100

111 42.1 32.9 49.3

148 64.3 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.320 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. -0.004 min

Lab File: VU050162.D

Acq: 09 Aug 2022 03:09

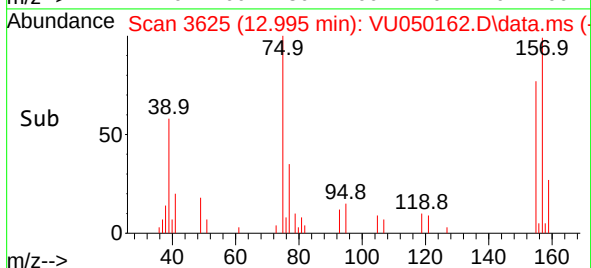
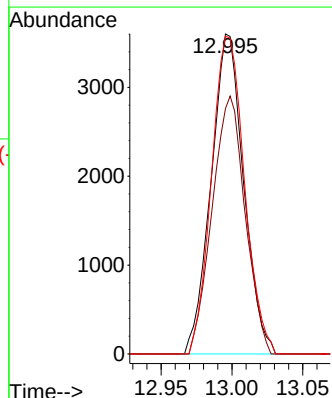
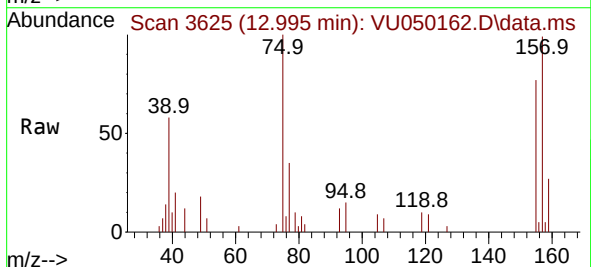
Tgt Ion: 75 Resp: 5745

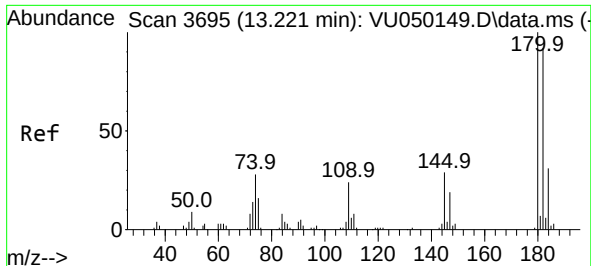
Ion Ratio Lower Upper

75 100

155 76.7 63.5 95.3

157 99.3 85.0 127.6





#69

1,3,5-Trichlorobenzene

Concen: 4.645 ug/L

RT: 13.220 min Scan# 3695

Delta R.T. -0.000 min

Lab File: VU050162.D

Acq: 09 Aug 2022 03:09

Instrument :

MSVOA_U

ClientSampleId :

DBUV5MSD

Tgt Ion:180 Resp: 45032

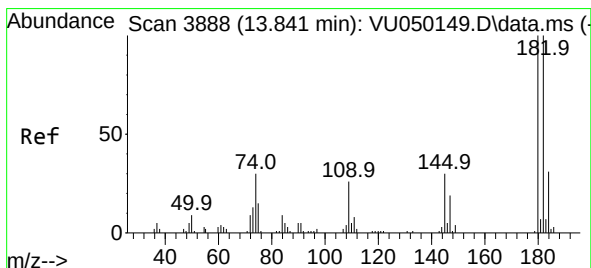
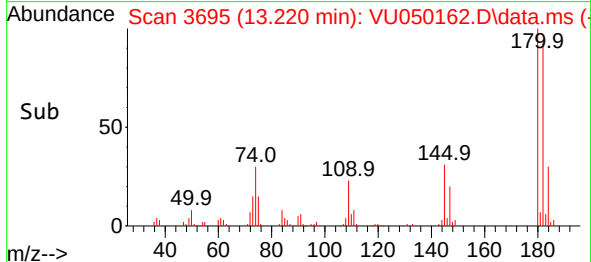
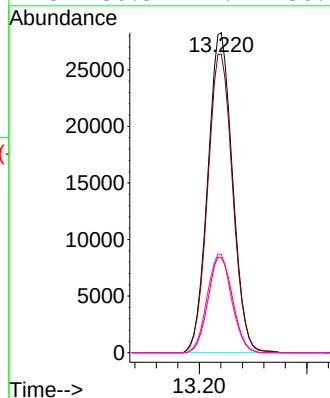
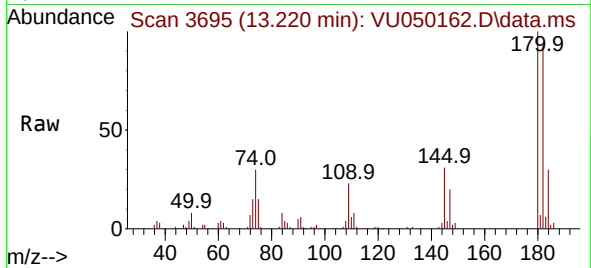
Ion Ratio Lower Upper

180 100

182 94.7 77.3 115.9

184 29.9 24.1 36.1

145 30.5 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 4.937 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU050162.D

Acq: 09 Aug 2022 03:09

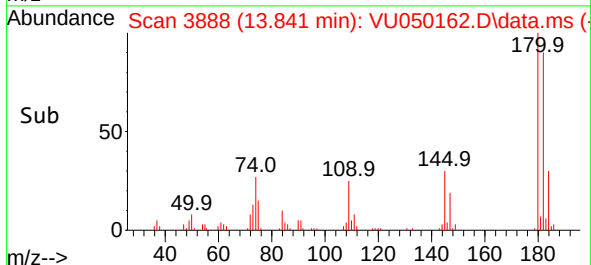
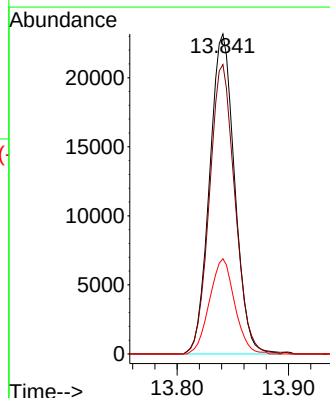
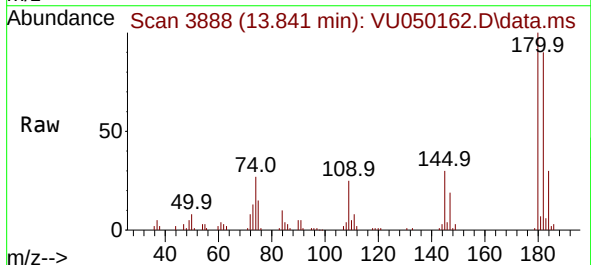
Tgt Ion:180 Resp: 36260

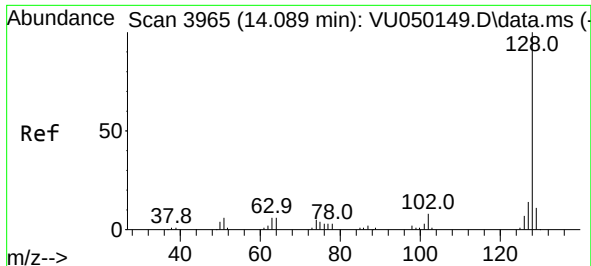
Ion Ratio Lower Upper

180 100

182 91.6 76.9 115.3

145 29.8 24.2 36.4

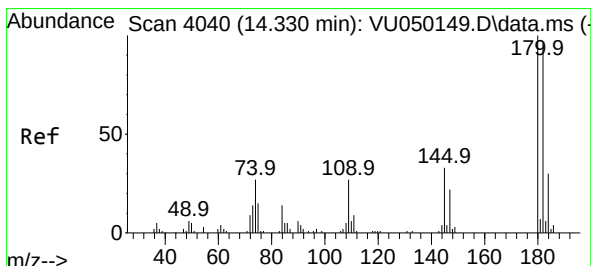
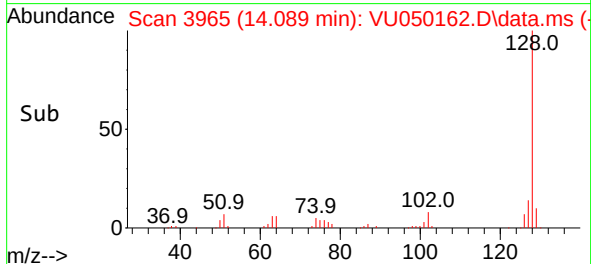
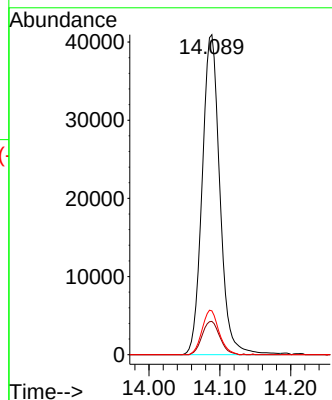
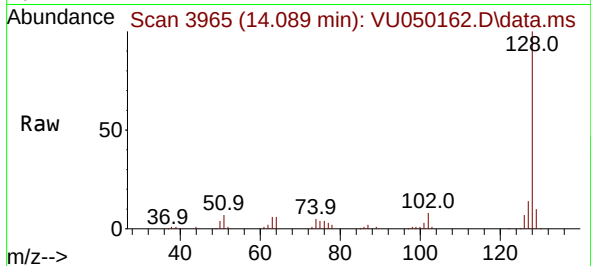




#71
Naphthalene
Concen: 4.716 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU050162.D
Acq: 09 Aug 2022 03:09

Instrument :
MSVOA_U
ClientSampleId :
DBUV5MSD

Tgt Ion:	128	Resp:	71024
Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.6	12.8
127	13.3	10.6	16.0



#72
1,2,3-Trichlorobenzene
Concen: 4.961 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU050162.D
Acq: 09 Aug 2022 03:09

Tgt Ion:	180	Resp:	36941
Ion	Ratio	Lower	Upper
180	100		
182	96.7	77.5	116.3
145	32.6	25.8	38.6

