

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050146.D
 Acq On : 08 Aug 2022 19:44
 Operator : SY/MD
 Sample : N4070-13MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJL3MS

Quant Time: Aug 09 01:59:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 09 00:39:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.311	114	85457	5.000	ug/L	0.06
28) Chlorobenzene-d5	9.433	117	87352	5.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.819	152	41457	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.607	65	40892	5.750	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.000%
7) Chloroethane-d5	1.935	69	34247	5.969	ug/L	0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.400%
11) 1,1-Dichloroethene-d2	2.604	65	15613	5.617	ug/L	0.04
Spiked Amount	5.000	Range	60 - 125	Recovery	=	112.400%
20) 2-Butanone-d5	4.706	46	83865	48.357	ug/L	0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.720%
24) Chloroform-d	5.115	84	75223	5.687	ug/L	0.05
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.800%
26) 1,2-Dichloroethane-d4	5.784	65	36495	5.373	ug/L	0.08
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.400%
32) Benzene-d6	5.803	84	144260	5.292	ug/L	0.07
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.800%
36) 1,2-Dichloropropane-d6	6.745	67	49709	5.538	ug/L	0.05
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.800%
41) Toluene-d8	7.928	98	131744	5.472	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.400%
43) trans-1,3-Dichloroprop...	8.208	79	16757	5.209	ug/L	0.03
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.200%
46) 2-Hexanone-d5	8.661	63	71039	62.276	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.560%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	42222	5.356	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.200%
66) 1,2-Dichlorobenzene-d4	12.198	152	42590	5.243	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	41384	5.282	ug/L	99
3) Chloromethane	1.530	50	52965	5.168	ug/L	99
5) Vinyl chloride	1.613	62	48638	5.298	ug/L	99
6) Bromomethane	1.877	94	22751	3.882	ug/L	97
8) Chloroethane	1.957	64	32584	6.023	ug/L	99
9) Trichlorofluoromethane	2.170	101	54278	5.398	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.620	101	29898	5.346	ug/L	99
12) 1,1-Dichloroethene	2.620	96	30853	5.223	ug/L	100
13) Acetone	2.690	43	38217	39.569	ug/L	90
14) Carbon disulfide	2.829	76	99739	4.727	ug/L	99
15) Methyl Acetate	3.012	43	12492	4.737	ug/L	95
16) Methylene chloride	3.086	84	37071	4.107	ug/L	93
17) Methyl tert-butyl Ether	3.433	73	90130	5.846	ug/L	97
18) trans-1,2-Dichloroethene	3.395	96	33386	5.048	ug/L	90
19) 1,1-Dichloroethane	3.919	63	68979	5.507	ug/L	100
21) 2-Butanone	4.784	43	78061	44.946	ug/L	92
22) cis-1,2-Dichloroethene	4.703	96	86202	11.743	ug/L	92
23) Bromochloromethane	5.018	128	18596	5.300	ug/L	99
25) Chloroform	5.141	83	71286	5.339	ug/L	99

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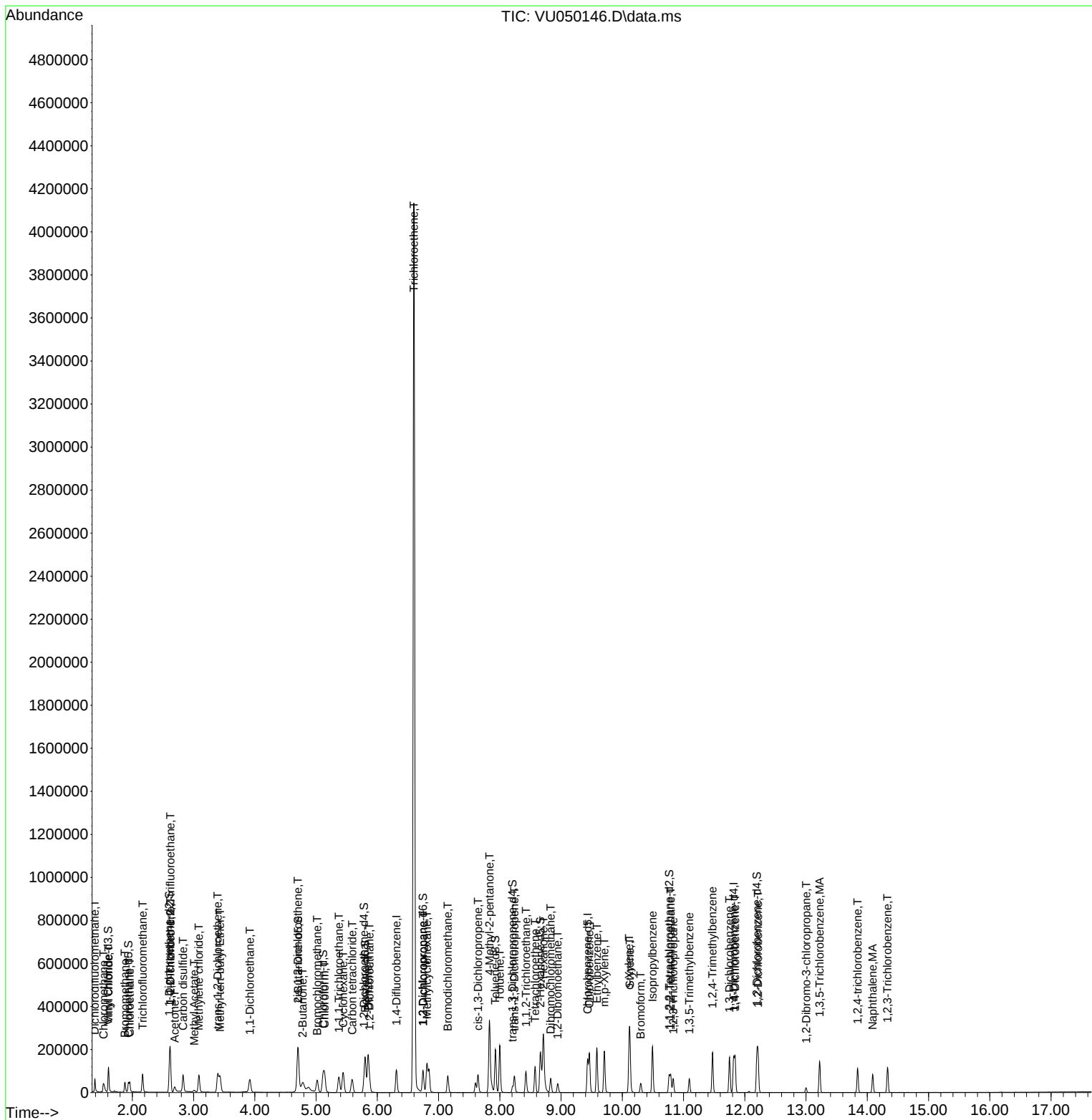
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 ClientSampleId :
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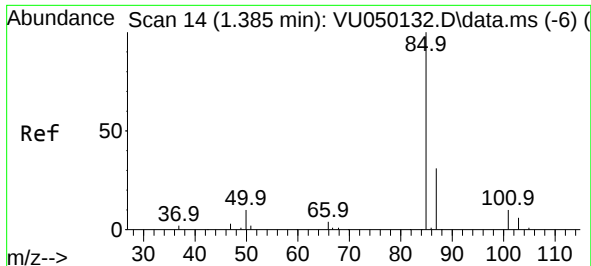
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.874	62	44709	5.502	ug/L	99
29) 1,1,1-Trichloroethane	5.372	97	55386	5.168	ug/L	98
30) Cyclohexane	5.443	56	44589	4.776	ug/L	99
31) Carbon tetrachloride	5.591	117	44738	5.093	ug/L	98
33) Benzene	5.848	78	157687	5.152	ug/L	100
34) Trichloroethene	6.597	95	1424882	192.499	ug/L	97
35) Methylcyclohexane	6.812	83	49965	5.229	ug/L	99
37) 1,2-Dichloropropane	6.748	63	5067	0.622	ug/L #	89
38) Bromodichloromethane	7.150	83	51274	5.178	ug/L	99
39) cis-1,3-Dichloropropene	7.645	75	52156	4.902	ug/L	98
40) 4-Methyl-2-pentanone	7.832	43	251917	53.352	ug/L	98
42) Toluene	7.999	91	160815	5.239	ug/L	98
44) trans-1,3-Dichloropropene	8.237	75	44368	4.862	ug/L	99
45) 1,1,2-Trichloroethane	8.427	97	31758	5.212	ug/L	95
47) Tetrachloroethene	8.578	164	27109	5.111	ug/L	98
48) 2-Hexanone	8.713	43	195740	53.598	ug/L	99
49) Dibromochloromethane	8.832	129	34303	5.086	ug/L	98
50) 1,2-Dibromoethane	8.944	107	28877	5.226	ug/L	99
51) Chlorobenzene	9.462	112	96060	4.974	ug/L	95
52) Ethylbenzene	9.584	91	143072	4.777	ug/L	99
53) m,p-Xylene	9.706	106	55211	5.005	ug/L	97
54) o-Xylene	10.111	106	54489	4.949	ug/L	95
55) Styrene	10.124	104	91446	4.971	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	42409	5.296	ug/L	100
59) Bromoform	10.301	173	19766	4.754	ug/L	97
60) Isopropylbenzene	10.494	105	133251	4.813	ug/L	99
61) 1,2,3-Trichloropropane	10.832	75	28942	5.125	ug/L	100
62) 1,3,5-Trimethylbenzene	11.095	105	34777	4.446	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	97819	4.590	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	67776	4.857	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	66980	4.933	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	66967	4.955	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	6318	5.706	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	45130	4.540	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	34519	4.583	ug/L	100
71) Naphthalene	14.089	128	65664	4.252	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	35724	4.679	ug/L	99

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

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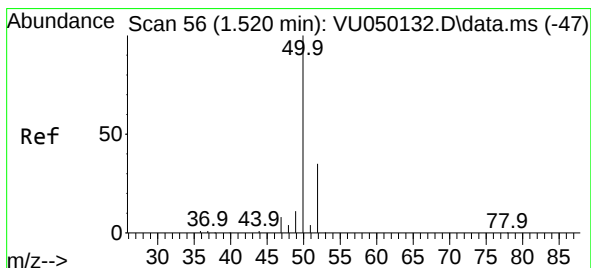
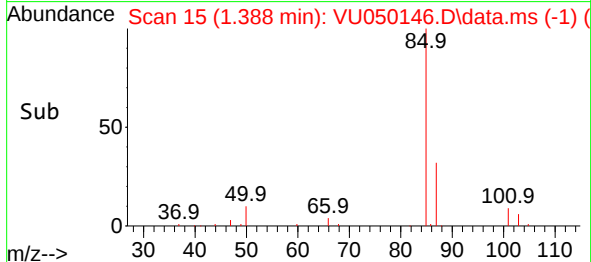
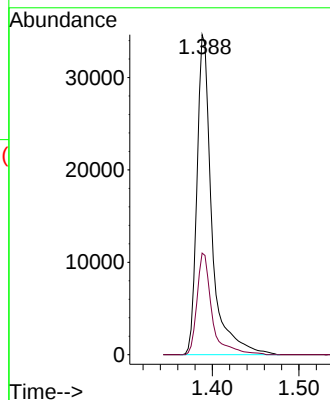
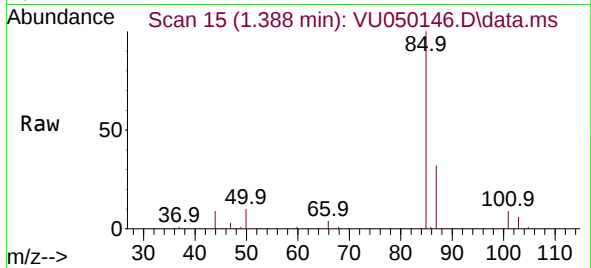




#2
Dichlorodifluoromethane
Concen: 5.282 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU050146.D
Acq: 08 Aug 2022 19:44

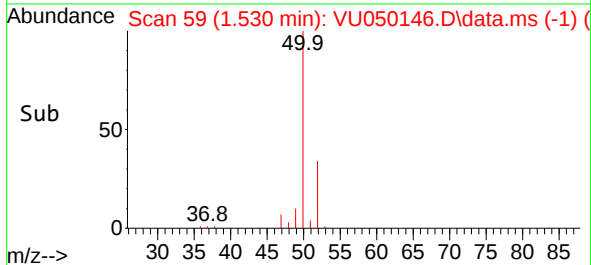
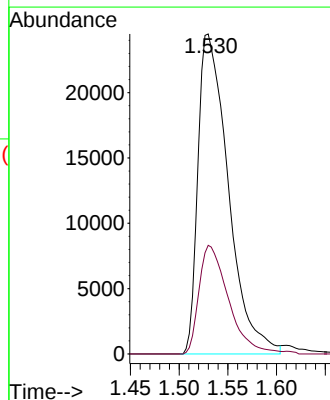
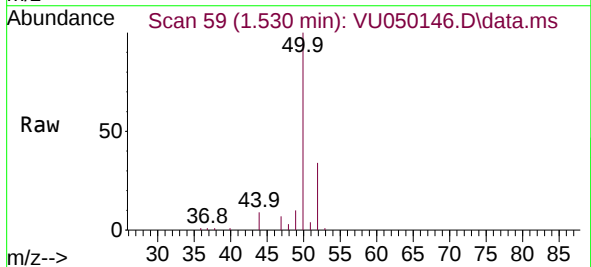
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MSVOA_U
ClientSampleId :
GBJL3MS

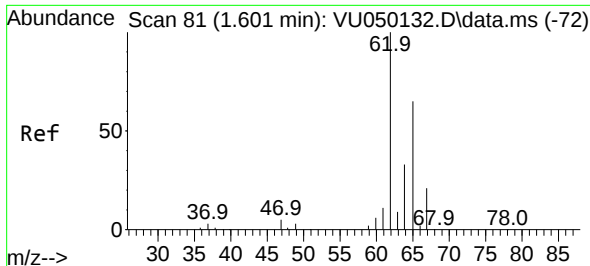
Tgt Ion: 85 Resp: 41384
Ion Ratio Lower Upper
85 100
87 32.0 26.2 39.4



#3
Chloromethane
Concen: 5.168 ug/L
RT: 1.530 min Scan# 59
Delta R.T. 0.010 min
Lab File: VU050146.D
Acq: 08 Aug 2022 19:44

Tgt Ion: 50 Resp: 52965
Ion Ratio Lower Upper
50 100
52 33.9 23.2 43.2

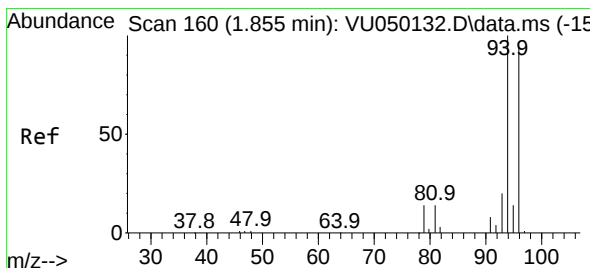
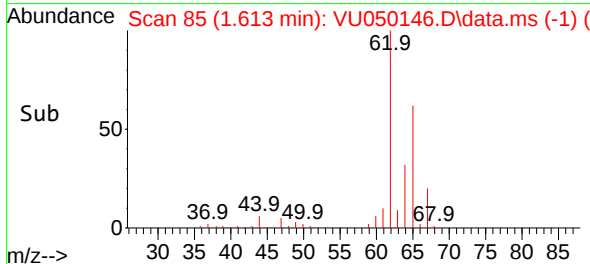
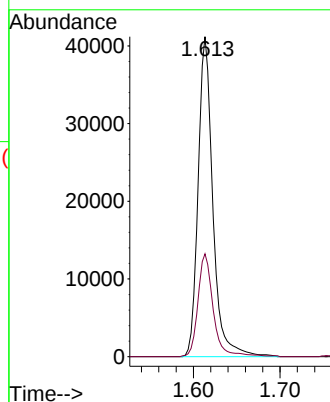
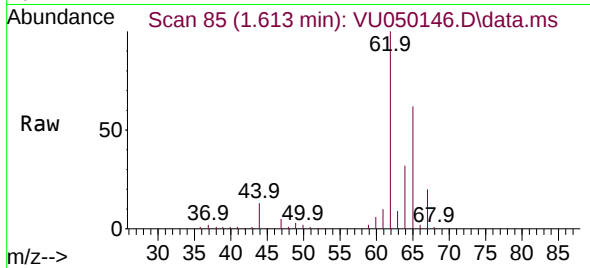




#5
 Vinyl chloride
 Concen: 5.298 ug/L
 RT: 1.613 min Scan# 81
 Delta R.T. 0.013 min
 Lab File: VU050146.D
 Acq: 08 Aug 2022 19:44

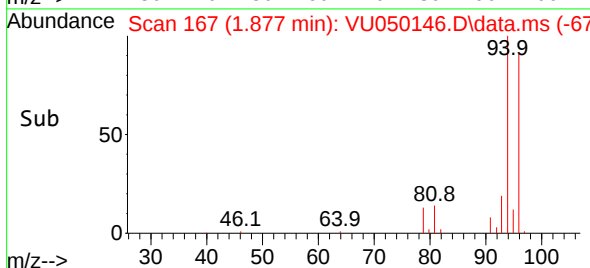
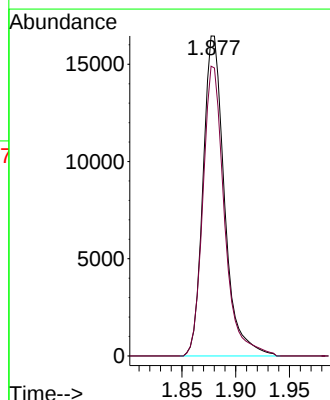
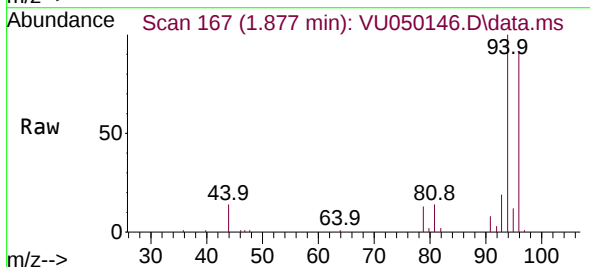
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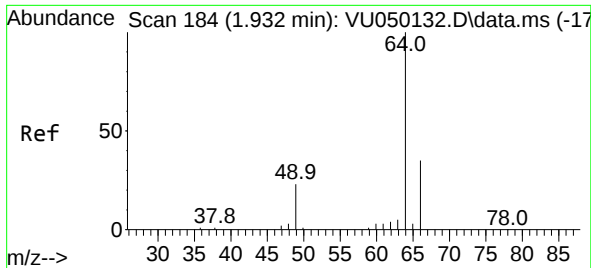
Tgt Ion: 62 Resp: 48638
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.8 42.4



#6
 Bromomethane
 Concen: 3.882 ug/L
 RT: 1.877 min Scan# 167
 Delta R.T. 0.022 min
 Lab File: VU050146.D
 Acq: 08 Aug 2022 19:44

Tgt Ion: 94 Resp: 22751
 Ion Ratio Lower Upper
 94 100
 96 90.6 65.3 121.3





#8

Chloroethane

Concen: 6.023 ug/L

RT: 1.957 min Scan# 11

Delta R.T. 0.026 min

Lab File: VU050146.D

Acq: 08 Aug 2022 19:44

Instrument :

MSVOA_U

ClientSampleId :

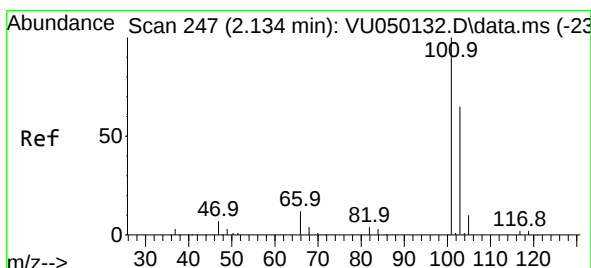
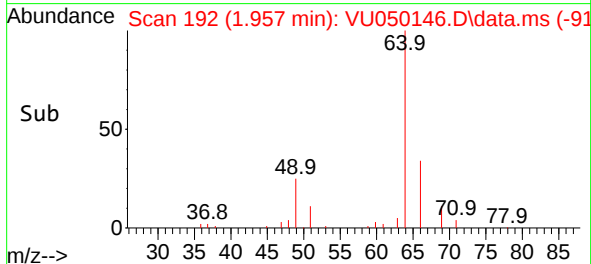
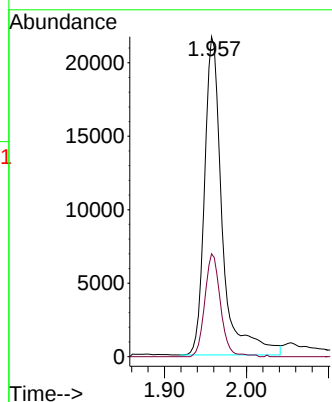
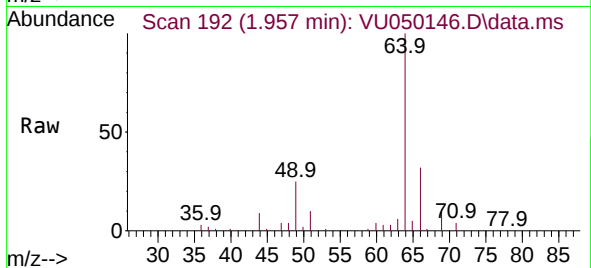
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Tgt Ion: 64 Resp: 32584

Ion Ratio Lower Upper

64 100

66 32.2 22.8 42.4



#9

Trichlorofluoromethane

Concen: 5.398 ug/L

RT: 2.170 min Scan# 258

Delta R.T. 0.035 min

Lab File: VU050146.D

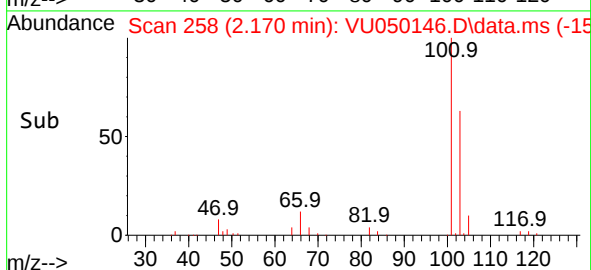
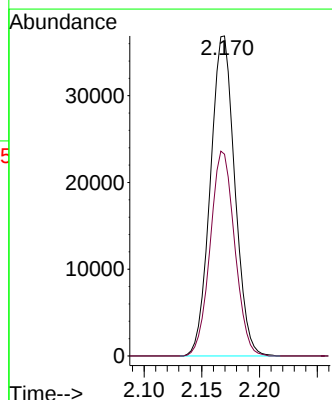
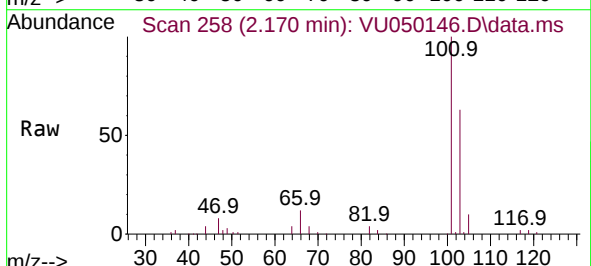
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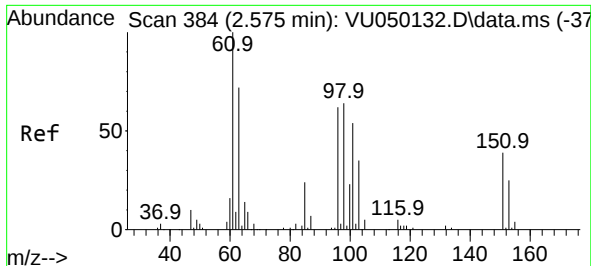
Tgt Ion:101 Resp: 54278

Ion Ratio Lower Upper

101 100

103 64.0 52.6 78.8

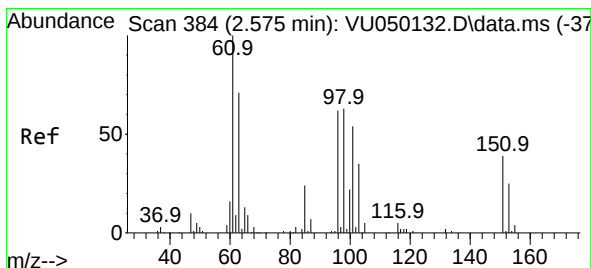
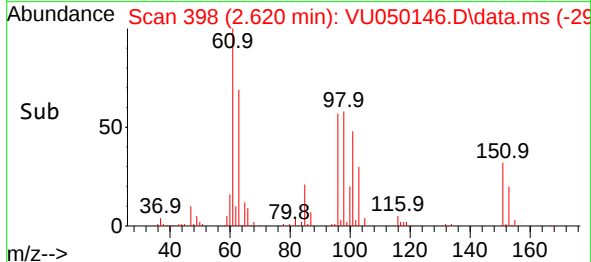
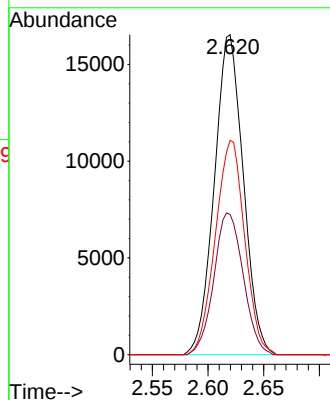
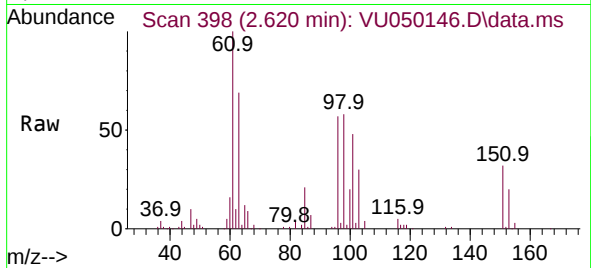




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.346 ug/L
 RT: 2.620 min Scan# 398
 Delta R.T. 0.045 min
 Lab File: VU050146.D
 Acq: 08 Aug 2022 19:44

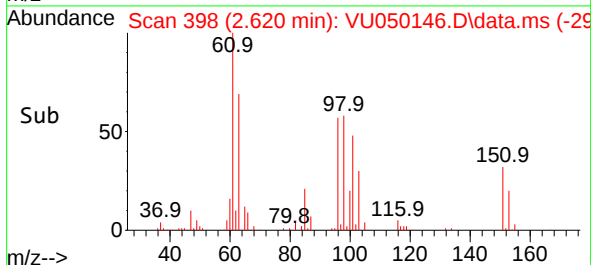
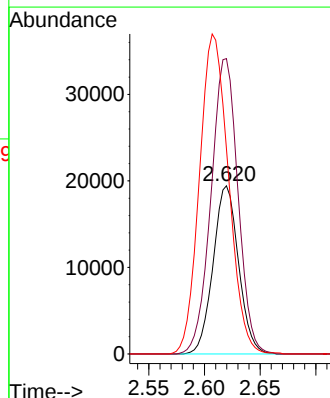
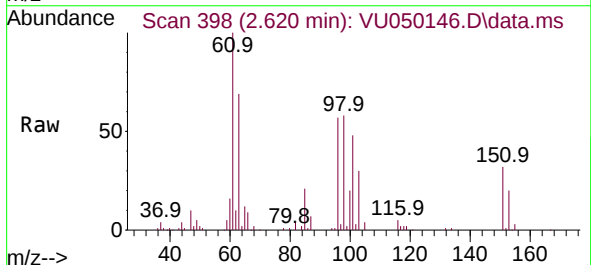
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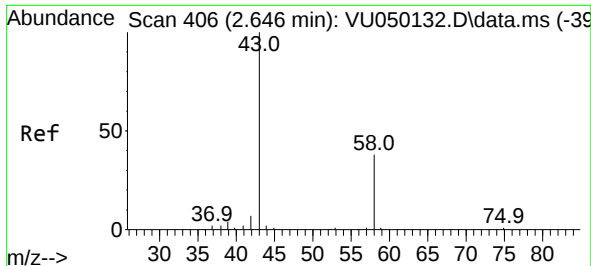
Tgt Ion	Ratio	Lower	Upper
101	100		
85	44.9	35.6	53.4
151	67.9	55.2	82.8



#12
 1,1-Dichloroethene
 Concen: 5.223 ug/L
 RT: 2.620 min Scan# 398
 Delta R.T. 0.045 min
 Lab File: VU050146.D
 Acq: 08 Aug 2022 19:44

Tgt Ion	Ratio	Lower	Upper
96	100		
61	175.6	122.7	227.9
63	122.0	85.1	158.1





#13

Acetone

Concen: 39.569 ug/L

RT: 2.690 min Scan# 41

Delta R.T. 0.045 min

Lab File: VU050146.D

Acq: 08 Aug 2022 19:44

Instrument :

MSVOA_U

ClientSampleId :

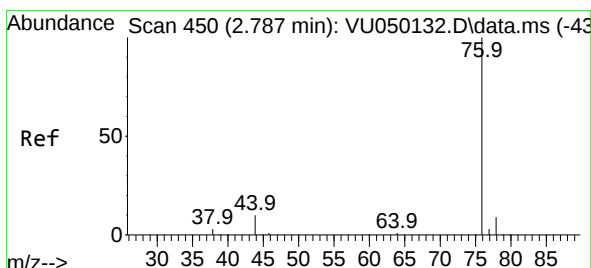
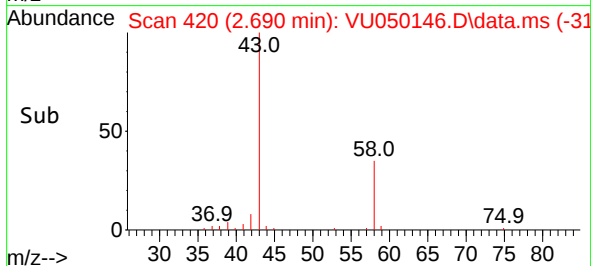
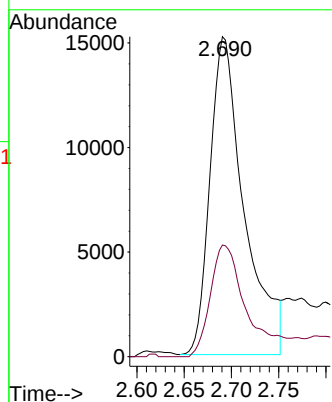
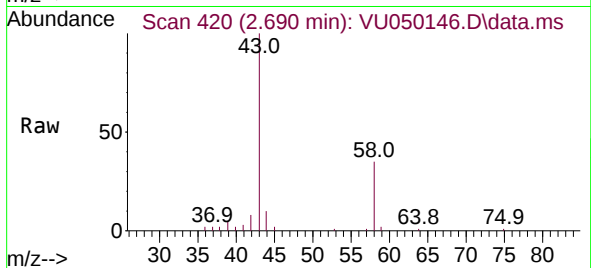
GBJL3MS

Tgt Ion: 43 Resp: 38217

Ion Ratio Lower Upper

43 100

58 37.6 0.0 64.0



#14

Carbon disulfide

Concen: 4.727 ug/L

RT: 2.829 min Scan# 463

Delta R.T. 0.042 min

Lab File: VU050146.D

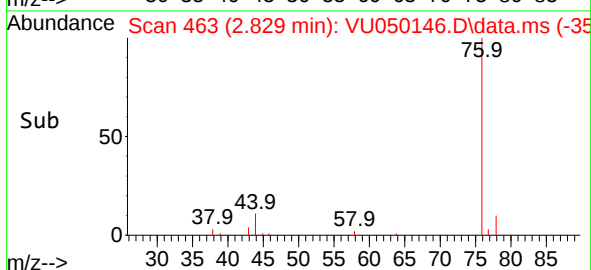
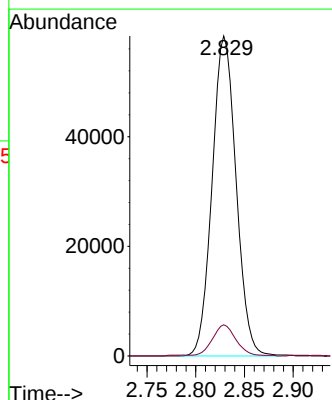
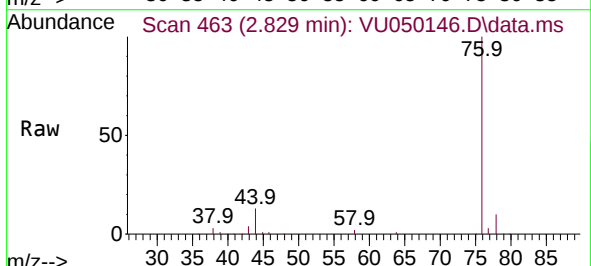
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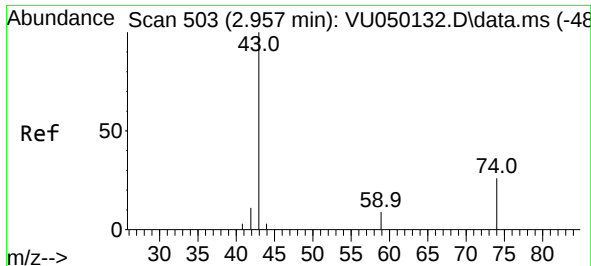
Tgt Ion: 76 Resp: 99739

Ion Ratio Lower Upper

76 100

78 9.7 7.4 11.0

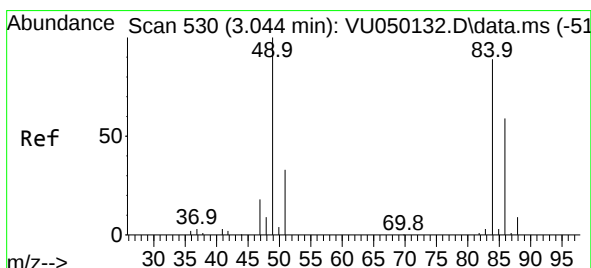
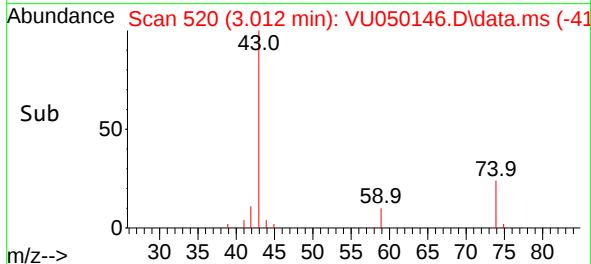
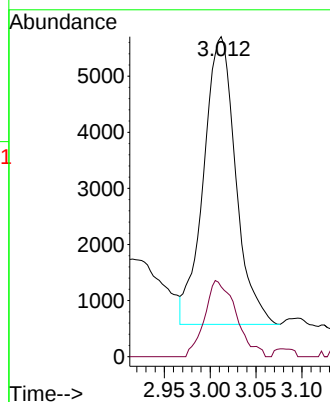
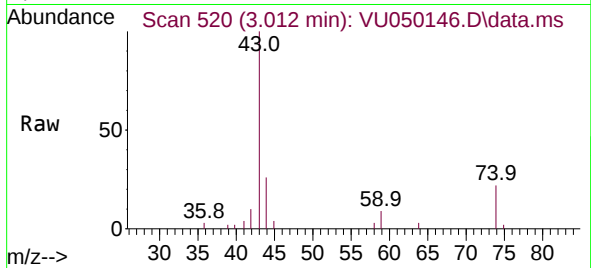




#15
Methyl Acetate
Concen: 4.737 ug/L
RT: 3.012 min Scan# 51
Delta R.T. 0.055 min
Lab File: VU050146.D
Acq: 08 Aug 2022 19:44

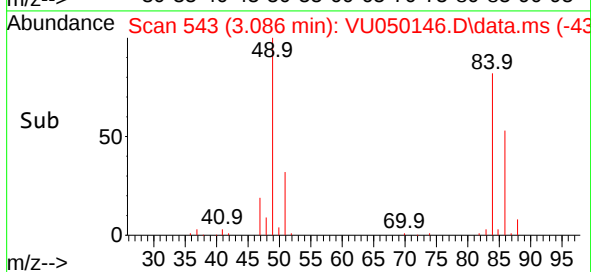
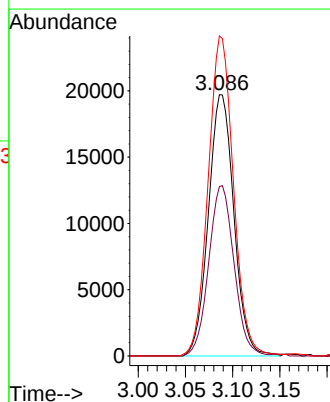
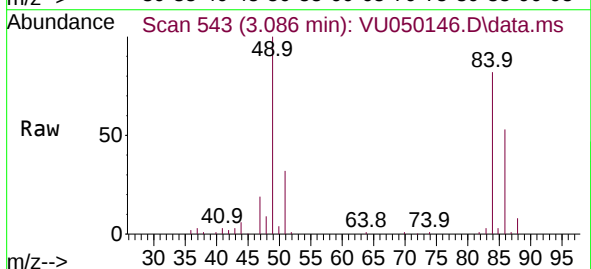
Instrument :
MSVOA_U
ClientSampleId :
GBJL3MS

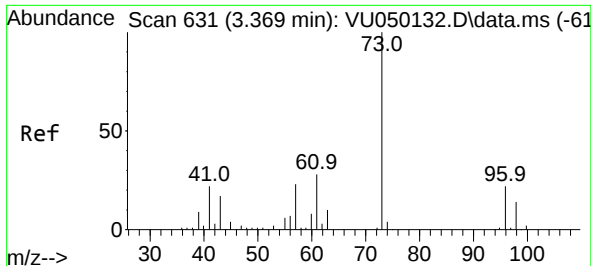
Tgt Ion: 43 Resp: 12492
Ion Ratio Lower Upper
43 100
74 25.9 22.7 34.1



#16
Methylene chloride
Concen: 4.107 ug/L
RT: 3.086 min Scan# 543
Delta R.T. 0.042 min
Lab File: VU050146.D
Acq: 08 Aug 2022 19:44

Tgt Ion: 84 Resp: 37071
Ion Ratio Lower Upper
84 100
86 64.8 45.9 85.3
49 122.4 77.6 144.0

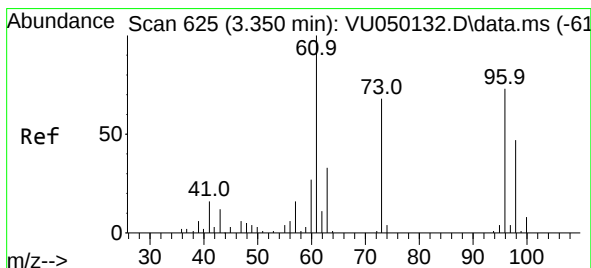
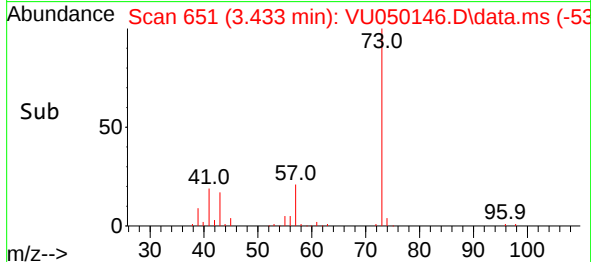
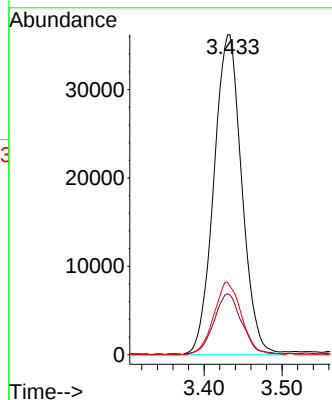
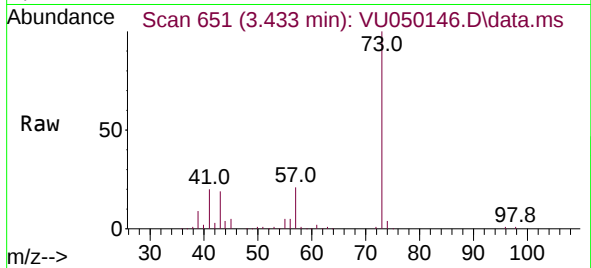




#17
Methyl tert-butyl Ether
Concen: 5.846 ug/L
RT: 3.433 min Scan# 61
Delta R.T. 0.064 min
Lab File: VU050146.D
Acq: 08 Aug 2022 19:44

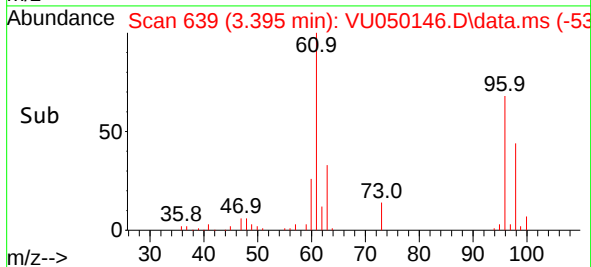
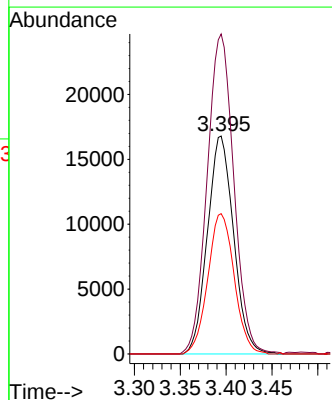
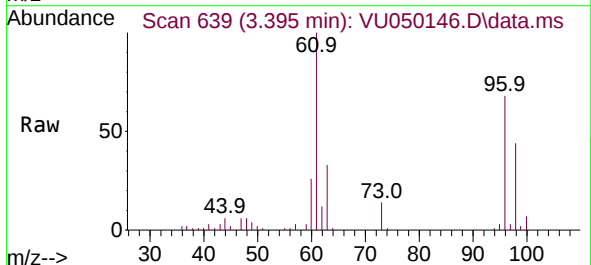
Instrument :
MSVOA_U
ClientSampleId :
GBJL3MS

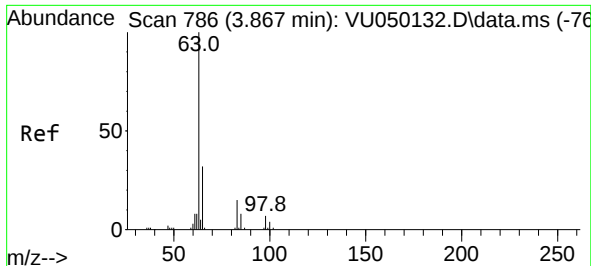
Tgt Ion: 73 Resp: 90130
Ion Ratio Lower Upper
73 100
43 19.3 13.5 20.3
57 22.5 17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 5.048 ug/L
RT: 3.395 min Scan# 639
Delta R.T. 0.045 min
Lab File: VU050146.D
Acq: 08 Aug 2022 19:44

Tgt Ion: 96 Resp: 33386
Ion Ratio Lower Upper
96 100
61 146.8 92.3 171.5
98 64.3 43.2 80.2

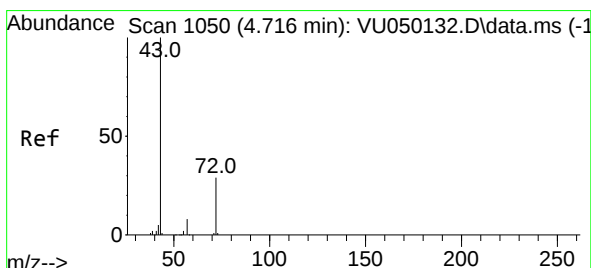
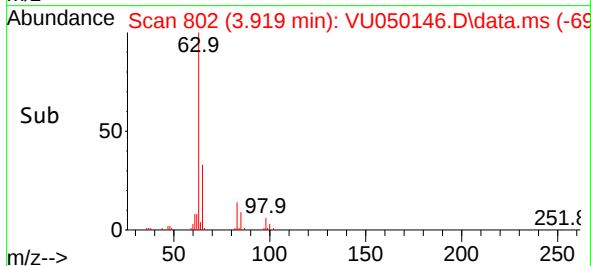
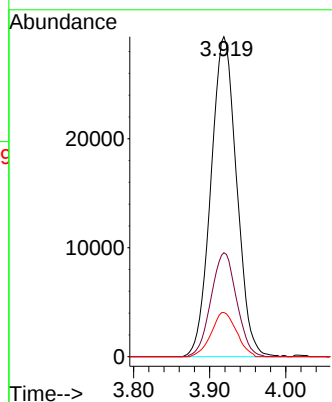
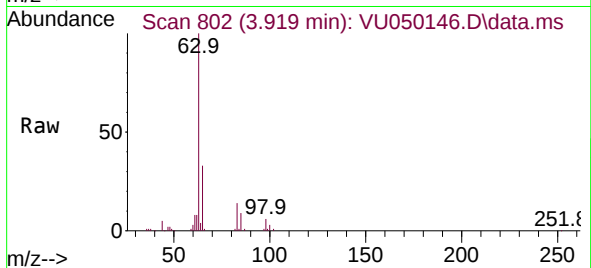




#19
1,1-Dichloroethane
Concen: 5.507 ug/L
RT: 3.919 min Scan# 80
Delta R.T. 0.051 min
Lab File: VU050146.D
Acq: 08 Aug 2022 19:44

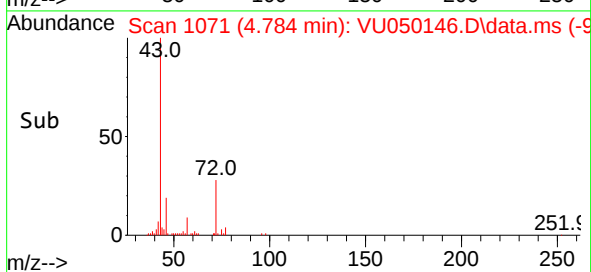
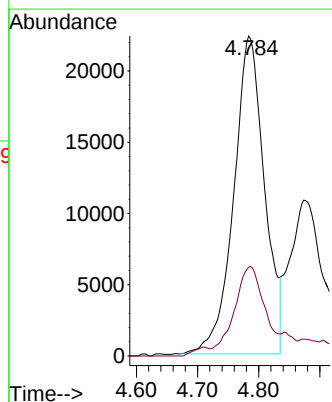
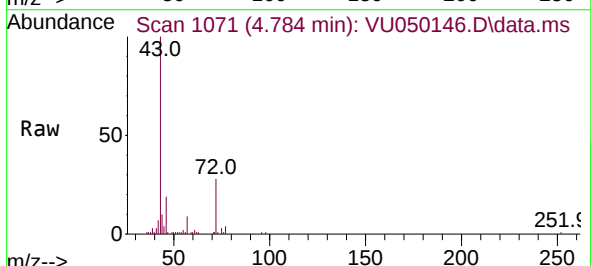
Instrument :
MSVOA_U
ClientSampleId :
GBJL3MS

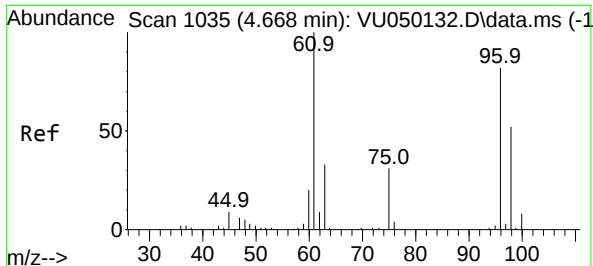
Tgt Ion: 63 Resp: 68979
Ion Ratio Lower Upper
63 100
65 32.5 22.7 42.3
83 13.8 9.8 18.2



#21
2-Butanone
Concen: 44.946 ug/L
RT: 4.784 min Scan# 1071
Delta R.T. 0.067 min
Lab File: VU050146.D
Acq: 08 Aug 2022 19:44

Tgt Ion: 43 Resp: 78061
Ion Ratio Lower Upper
43 100
72 23.8 14.0 42.0



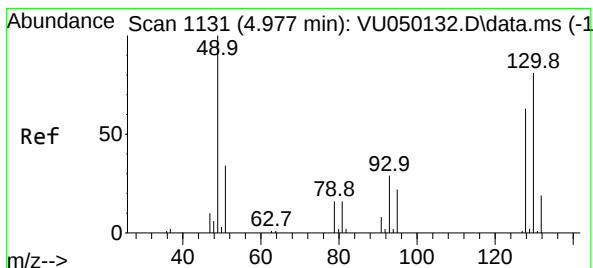
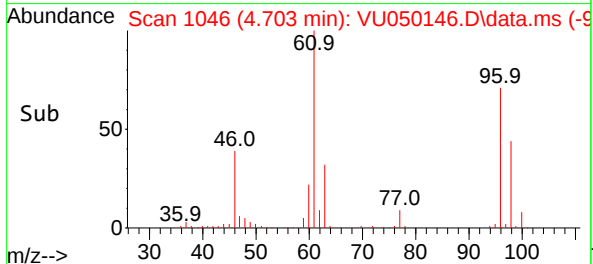
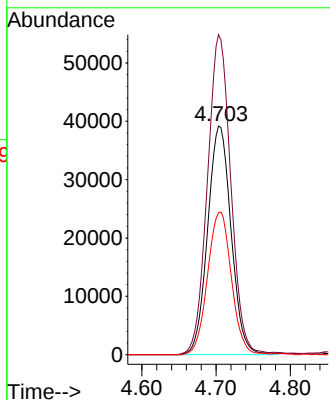
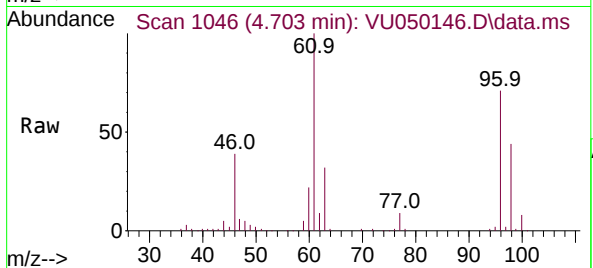


#22
 cis-1,2-Dichloroethene
 Concen: 11.743 ug/L
 RT: 4.703 min Scan# 1144
 Delta R.T. 0.035 min
 Lab File: VU050146.D
 Acq: 08 Aug 2022 19:44

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJL3MS

Tgt Ion: 96 Resp: 86202

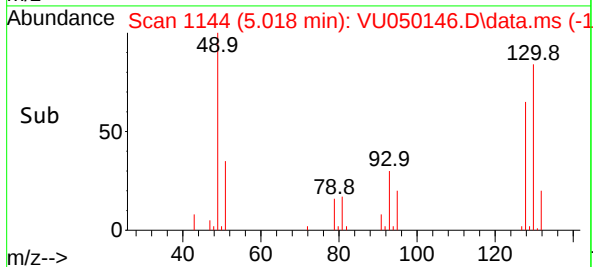
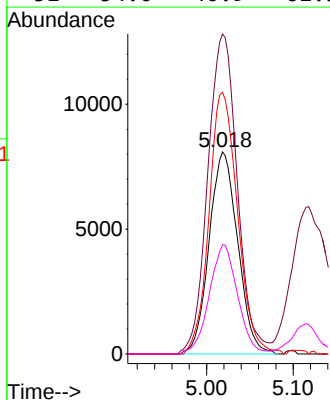
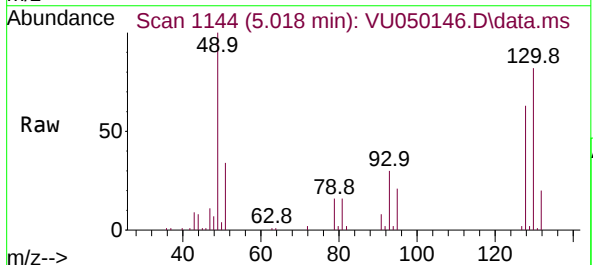
Ion	Ratio	Lower	Upper
96	100		
61	139.9	89.0	165.4
98	62.1	45.2	84.0

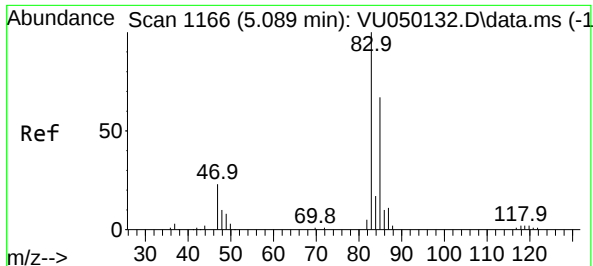


#23
 Bromochloromethane
 Concen: 5.300 ug/L
 RT: 5.018 min Scan# 1144
 Delta R.T. 0.042 min
 Lab File: VU050146.D
 Acq: 08 Aug 2022 19:44

Tgt Ion: 128 Resp: 18596

Ion	Ratio	Lower	Upper
128	100		
49	158.3	111.4	206.8
130	129.5	90.2	167.4
51	54.0	40.9	61.3





#25

Chloroform

Concen: 5.339 ug/L

RT: 5.141 min Scan# 1410

Delta R.T. 0.051 min

Lab File: VU050146.D

Acq: 08 Aug 2022 19:44

Instrument :

MSVOA_U

ClientSampleId :

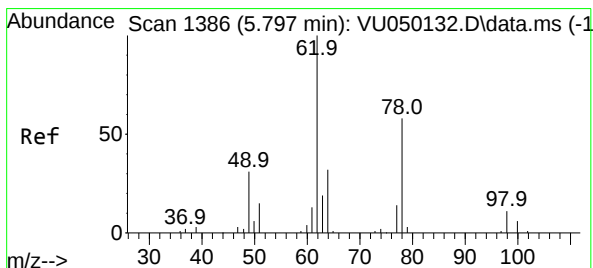
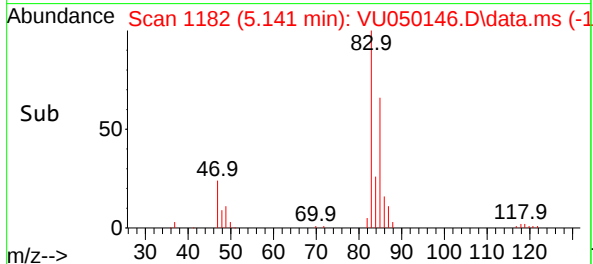
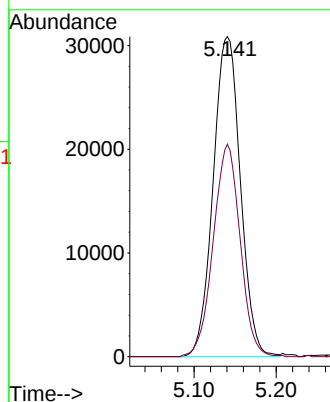
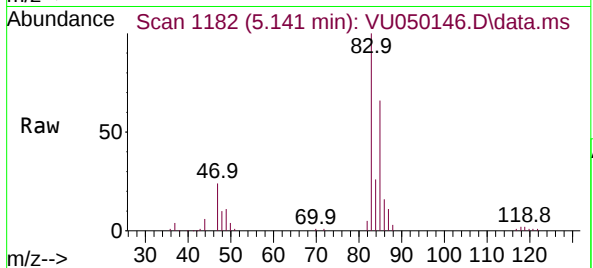
GBJL3MS

Tgt Ion: 83 Resp: 71286

Ion Ratio Lower Upper

83 100

85 66.4 46.1 85.5



#27

1,2-Dichloroethane

Concen: 5.502 ug/L

RT: 5.874 min Scan# 1410

Delta R.T. 0.077 min

Lab File: VU050146.D

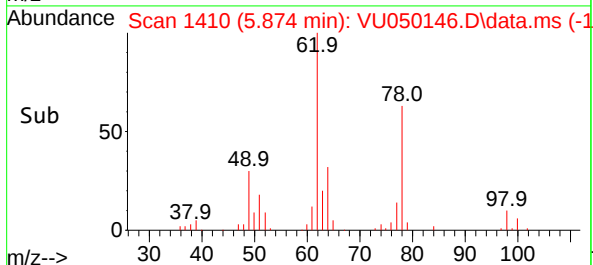
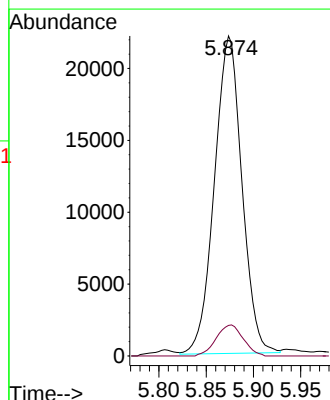
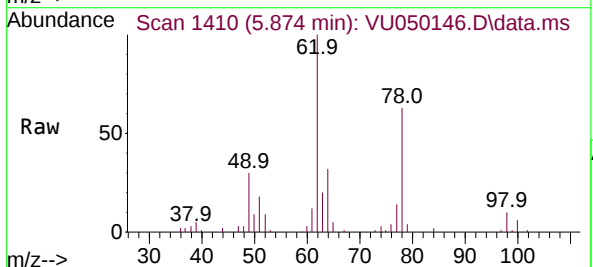
Acq: 08 Aug 2022 19:44

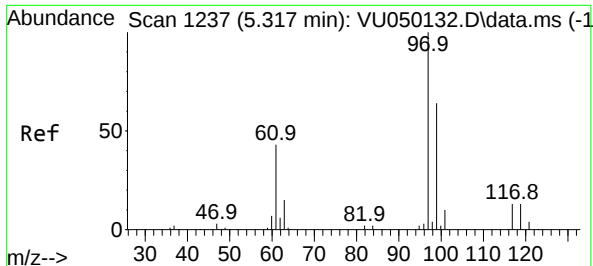
Tgt Ion: 62 Resp: 44709

Ion Ratio Lower Upper

62 100

98 9.6 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.168 ug/L

RT: 5.372 min Scan# 1254

Delta R.T. 0.055 min

Lab File: VU050146.D

Acq: 08 Aug 2022 19:44

Instrument :

MSVOA_U

ClientSampleId :

GBJL3MS

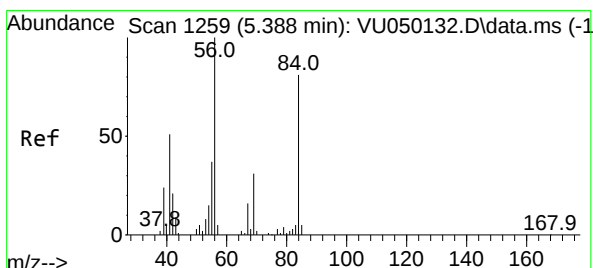
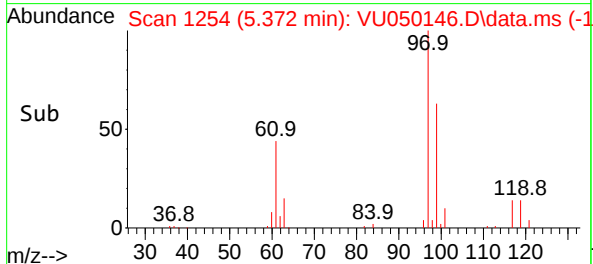
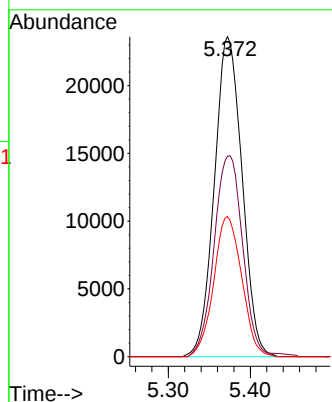
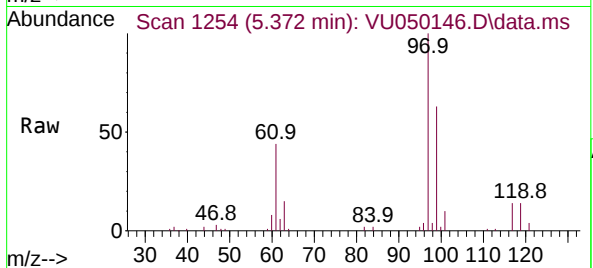
Tgt Ion: 97 Resp: 55386

Ion Ratio Lower Upper

97 100

99 65.2 51.5 77.3

61 44.2 34.2 51.4



#30

Cyclohexane

Concen: 4.776 ug/L

RT: 5.443 min Scan# 1276

Delta R.T. 0.055 min

Lab File: VU050146.D

Acq: 08 Aug 2022 19:44

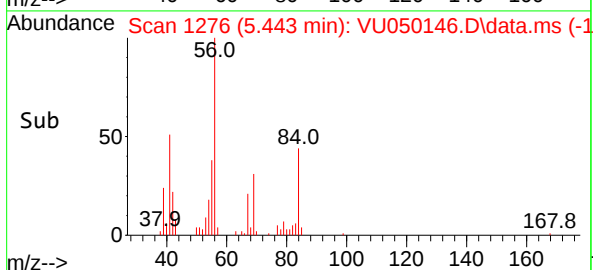
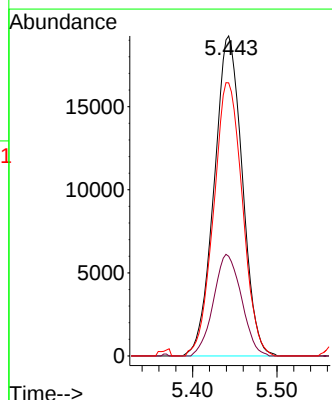
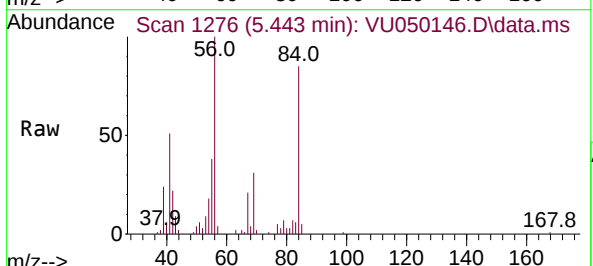
Tgt Ion: 56 Resp: 44589

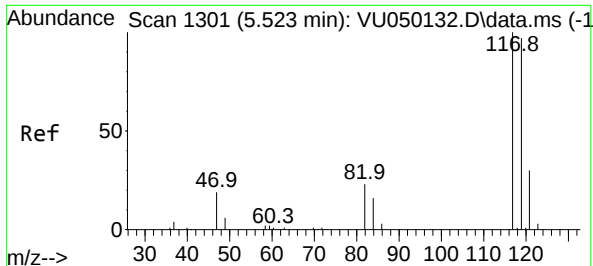
Ion Ratio Lower Upper

56 100

69 31.5 24.6 37.0

84 87.5 69.1 103.7

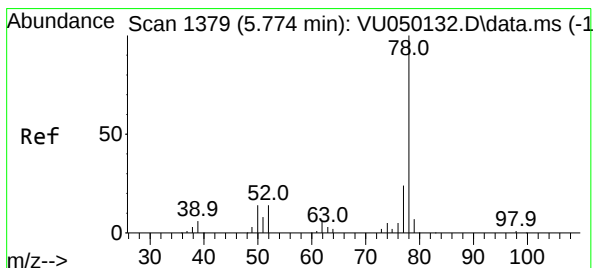
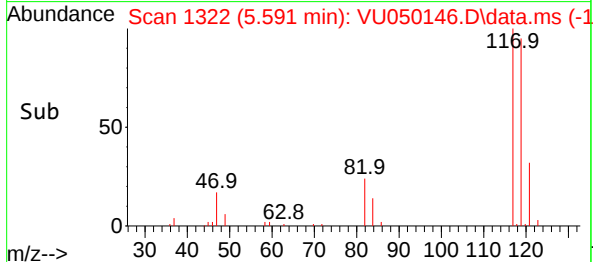
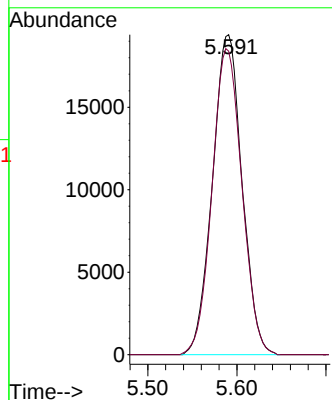
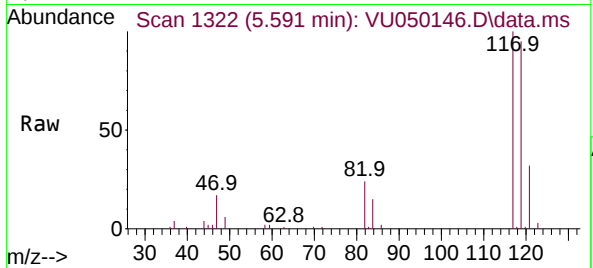




#31
Carbon tetrachloride
Concen: 5.093 ug/L
RT: 5.591 min Scan# 11
Delta R.T. 0.067 min
Lab File: VU050146.D
Acq: 08 Aug 2022 19:44

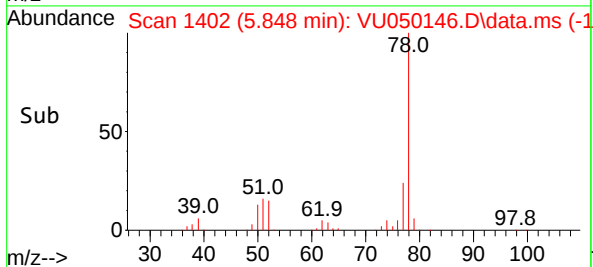
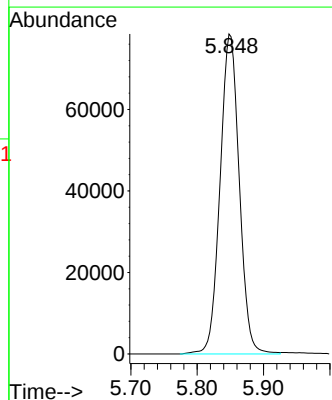
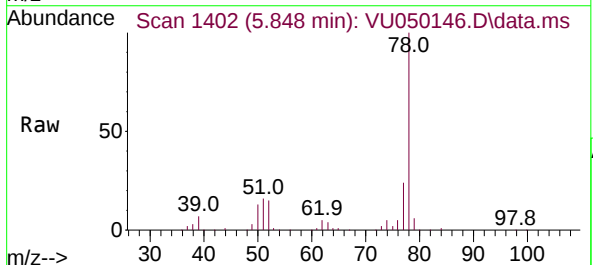
Instrument :
MSVOA_U
ClientSampleId :
GBJL3MS

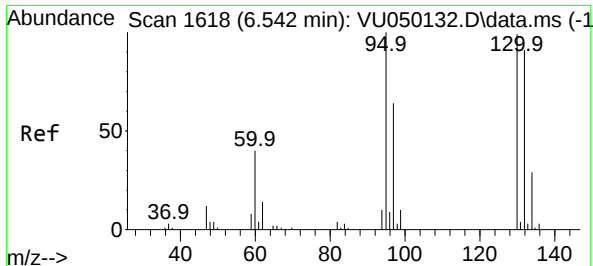
Tgt Ion:117 Resp: 44738
Ion Ratio Lower Upper
117 100
119 96.5 76.0 114.0



#33
Benzene
Concen: 5.152 ug/L
RT: 5.848 min Scan# 1402
Delta R.T. 0.074 min
Lab File: VU050146.D
Acq: 08 Aug 2022 19:44

Tgt Ion: 78 Resp: 157687



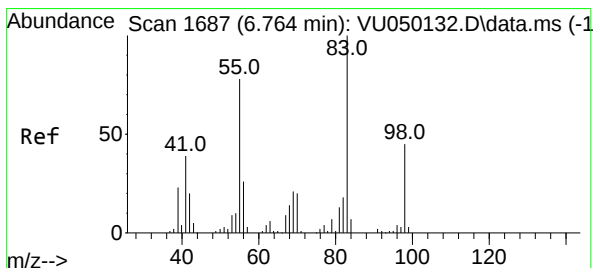
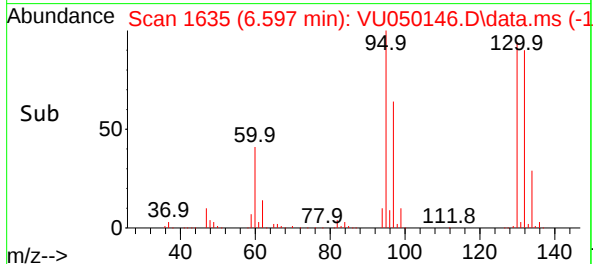
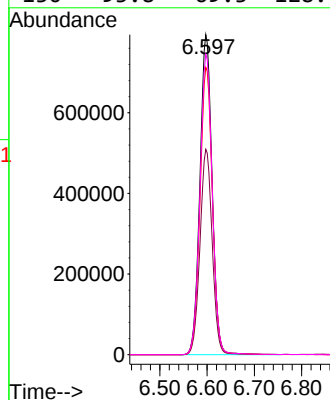
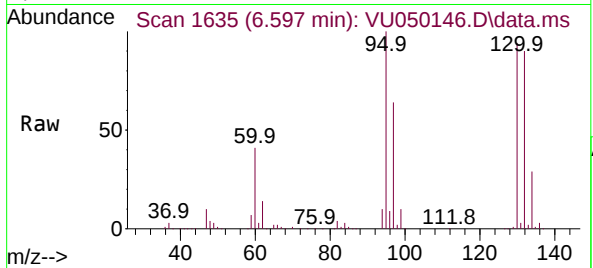


#34
Trichloroethene
Concen: 192.499 ug/L
RT: 6.597 min Scan# 1702
Delta R.T. 0.055 min
Lab File: VU050146.D
Acq: 08 Aug 2022 19:44

Instrument :
MSVOA_U
ClientSampleId :
GBJL3MS

Tgt Ion: 95 Resp: 1424882

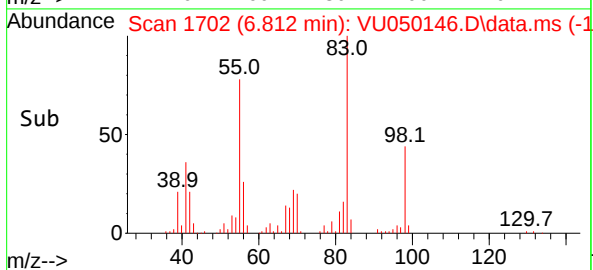
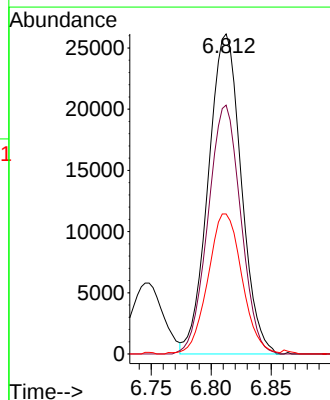
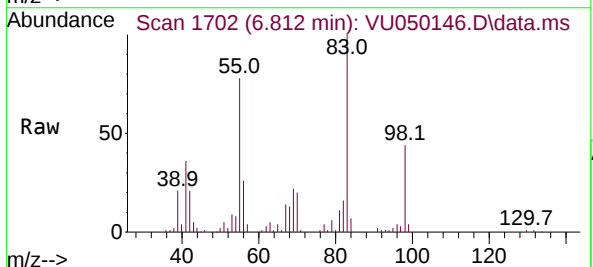
Ion	Ratio	Lower	Upper
95	100		
97	64.1	45.6	84.8
132	89.8	65.0	120.6
130	93.8	69.3	128.7

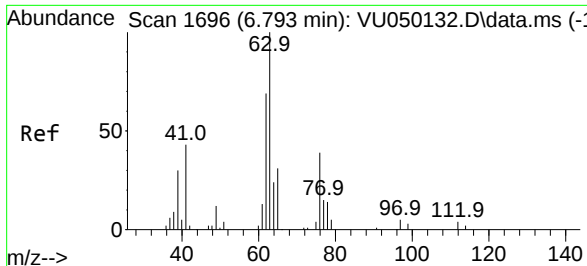


#35
Methylcyclohexane
Concen: 5.229 ug/L
RT: 6.812 min Scan# 1702
Delta R.T. 0.048 min
Lab File: VU050146.D
Acq: 08 Aug 2022 19:44

Tgt Ion: 83 Resp: 49965

Ion	Ratio	Lower	Upper
83	100		
55	77.2	62.7	94.1
98	45.3	36.2	54.2





#37

1,2-Dichloropropane

Concen: 0.622 ug/L

RT: 6.748 min Scan# 1

Delta R.T. -0.045 min

Lab File: VU050146.D

Acq: 08 Aug 2022 19:44

Instrument :

MSVOA_U

ClientSampleId :

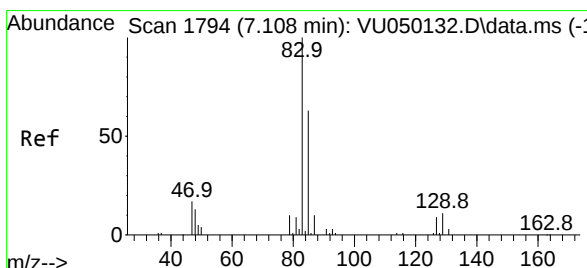
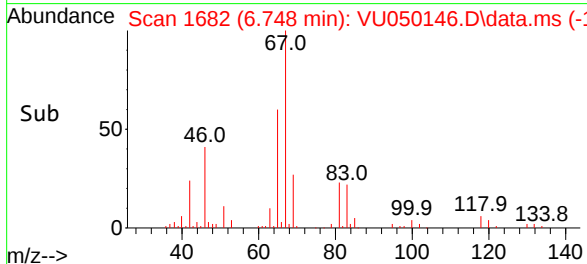
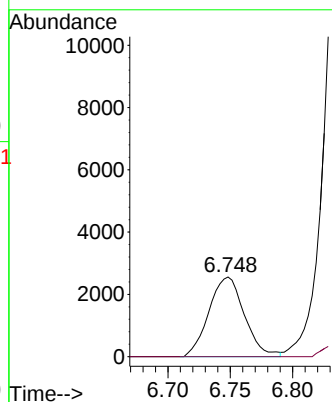
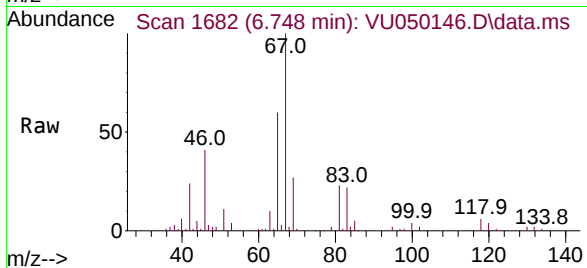
GBJL3MS

Tgt Ion: 63 Resp: 5067

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#38

Bromodichloromethane

Concen: 5.178 ug/L

RT: 7.150 min Scan# 1807

Delta R.T. 0.042 min

Lab File: VU050146.D

Acq: 08 Aug 2022 19:44

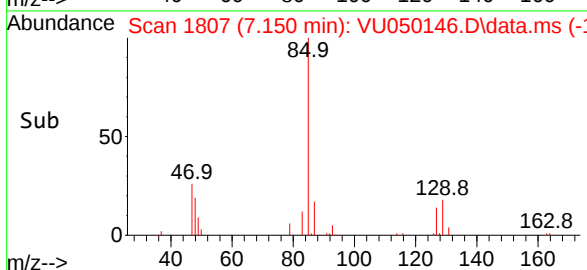
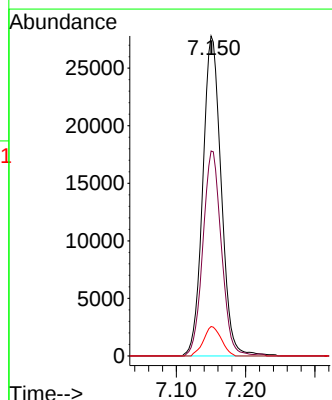
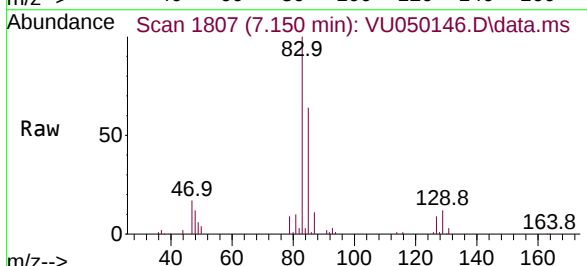
Tgt Ion: 83 Resp: 51274

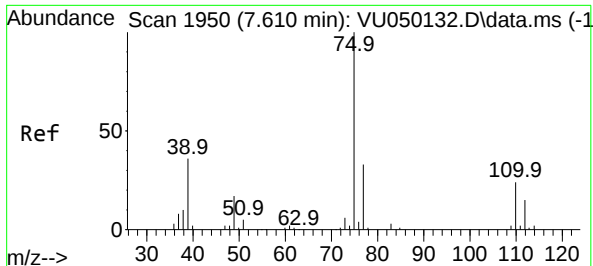
Ion Ratio Lower Upper

83 100

85 64.1 45.1 83.7

127 9.2 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 4.902 ug/L

RT: 7.645 min Scan# 1950

Delta R.T. 0.035 min

Lab File: VU050146.D

Acq: 08 Aug 2022 19:44

Instrument :

MSVOA_U

ClientSampleId :

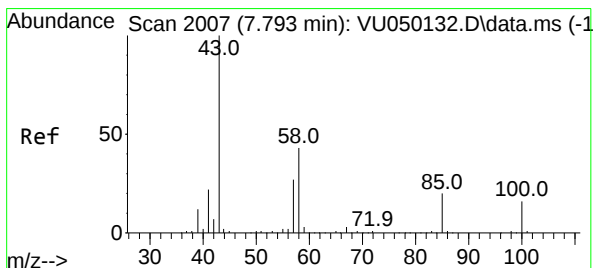
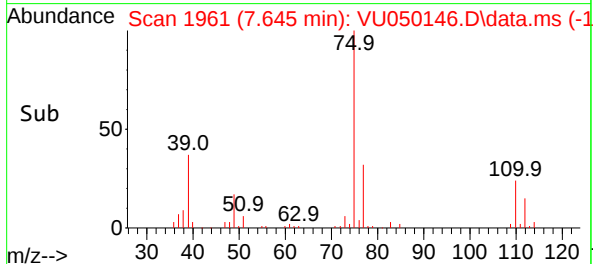
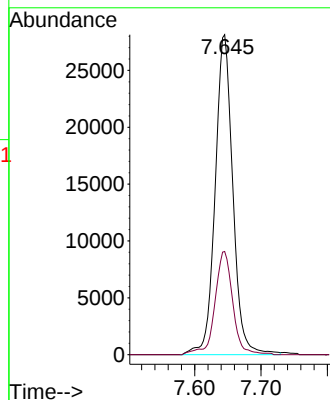
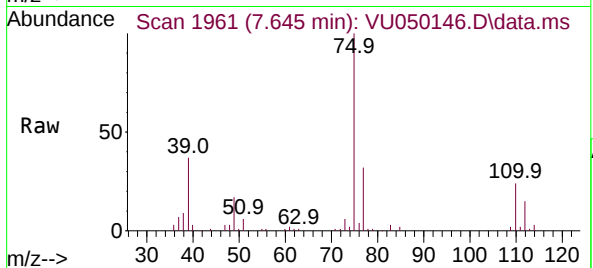
GBJL3MS

Tgt Ion: 75 Resp: 52156

Ion Ratio Lower Upper

75 100

77 32.3 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 53.352 ug/L

RT: 7.832 min Scan# 2019

Delta R.T. 0.038 min

Lab File: VU050146.D

Acq: 08 Aug 2022 19:44

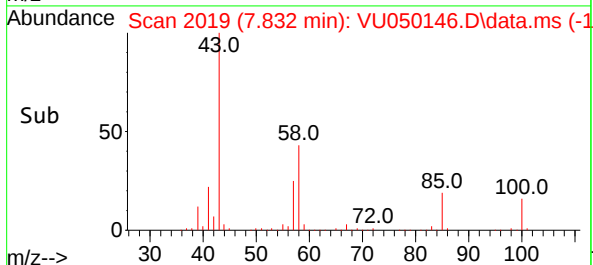
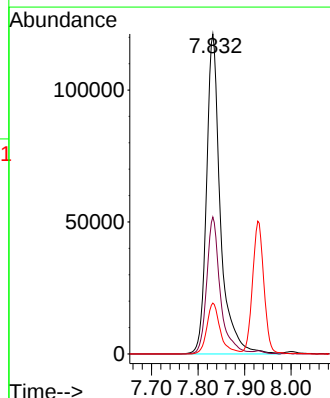
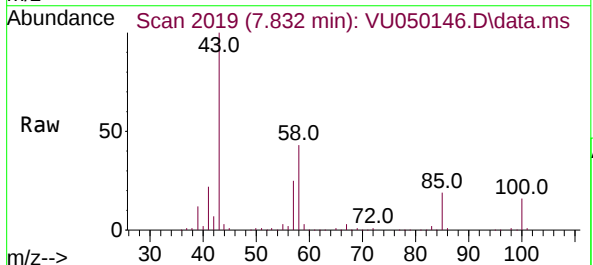
Tgt Ion: 43 Resp: 251917

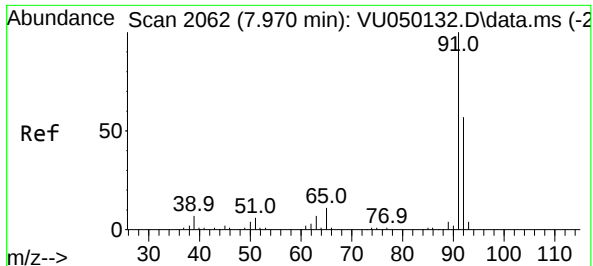
Ion Ratio Lower Upper

43 100

58 42.0 34.6 51.8

100 15.5 13.0 19.4





#42

Toluene

Concen: 5.239 ug/L

RT: 7.999 min Scan# 2062

Delta R.T. 0.029 min

Lab File: VU050146.D

Acq: 08 Aug 2022 19:44

Instrument :

MSVOA_U

ClientSampleId :

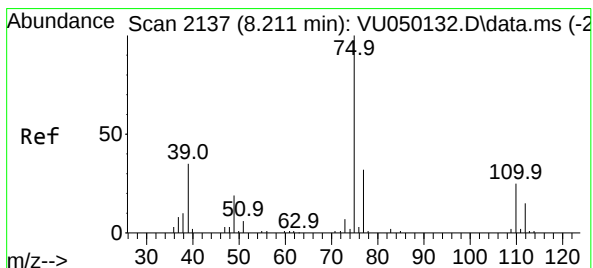
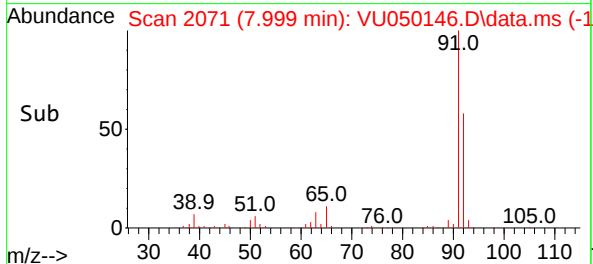
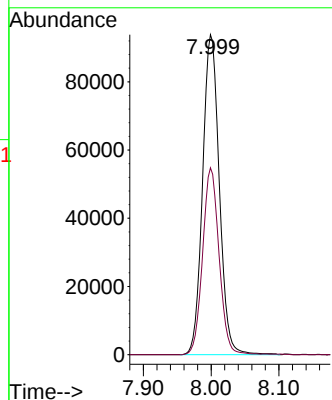
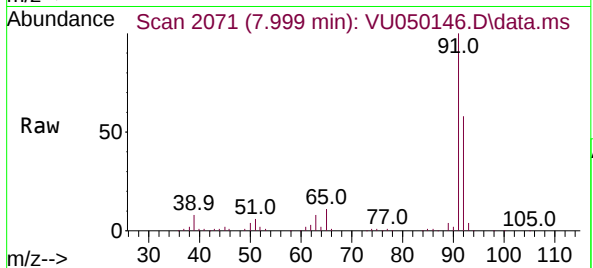
GBJL3MS

Tgt Ion: 91 Resp: 160815

Ion Ratio Lower Upper

91 100

92 58.4 39.8 74.0



#44

trans-1,3-Dichloropropene

Concen: 4.862 ug/L

RT: 8.237 min Scan# 2145

Delta R.T. 0.026 min

Lab File: VU050146.D

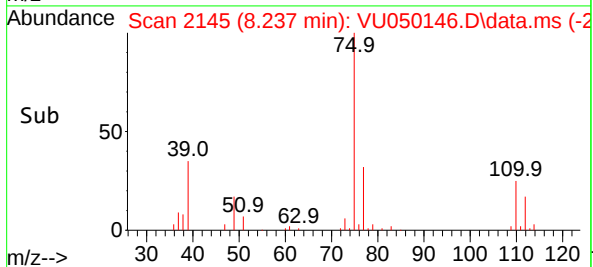
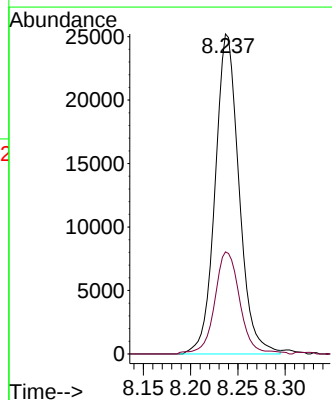
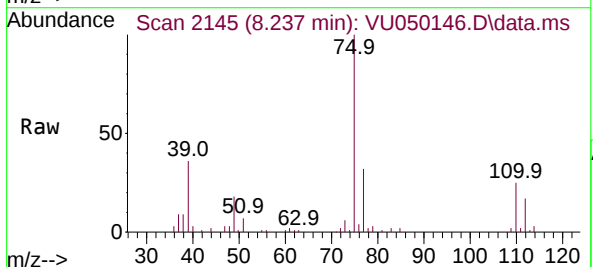
Acq: 08 Aug 2022 19:44

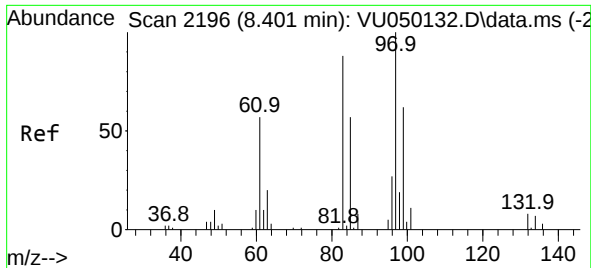
Tgt Ion: 75 Resp: 44368

Ion Ratio Lower Upper

75 100

77 31.9 22.0 40.8



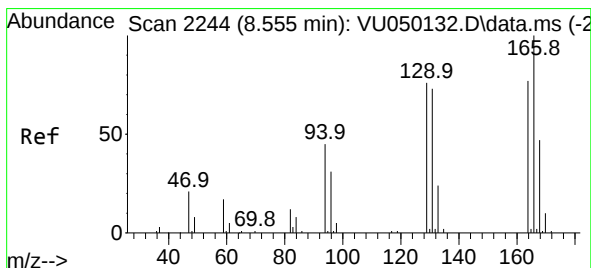
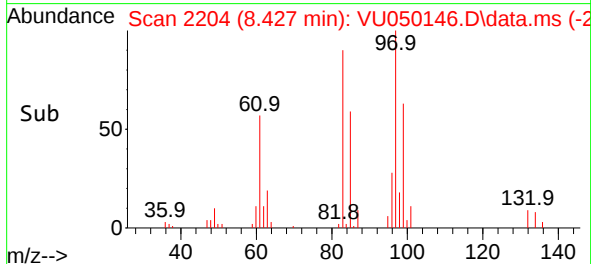
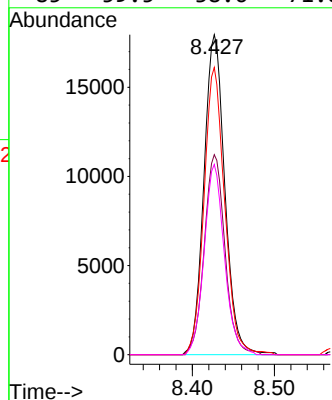
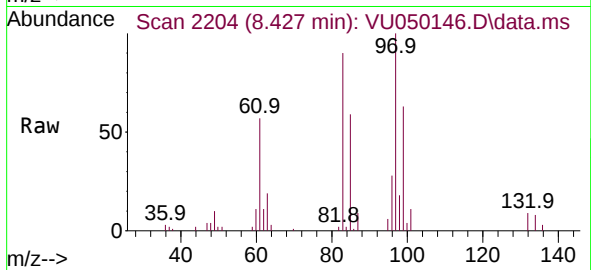


#45
1,1,2-Trichloroethane
Concen: 5.212 ug/L
RT: 8.427 min Scan# 2196
Delta R.T. 0.026 min
Lab File: VU050146.D
Acq: 08 Aug 2022 19:44

Instrument :
MSVOA_U
ClientSampleId :
GBJL3MS

Tgt Ion: 97 Resp: 31758

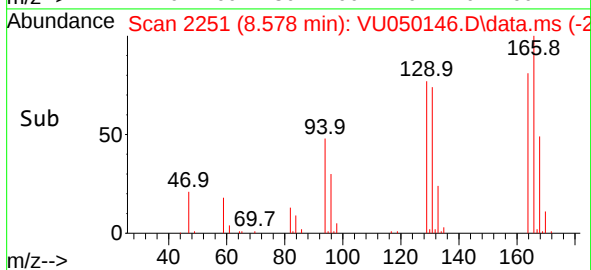
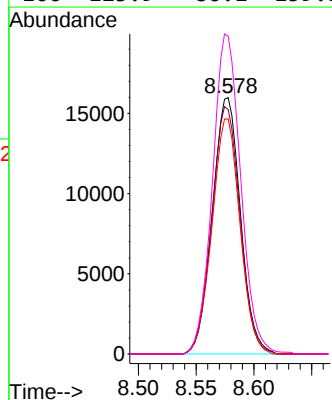
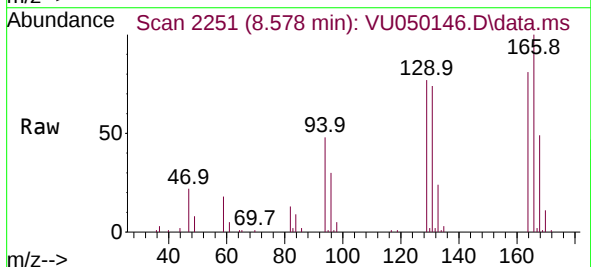
Ion	Ratio	Lower	Upper
97	100		
99	62.5	42.2	78.4
83	89.7	59.6	110.6
85	59.5	38.6	71.8

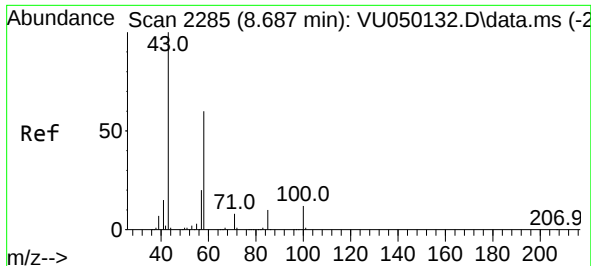


#47
Tetrachloroethene
Concen: 5.111 ug/L
RT: 8.578 min Scan# 2251
Delta R.T. 0.022 min
Lab File: VU050146.D
Acq: 08 Aug 2022 19:44

Tgt Ion: 164 Resp: 27109

Ion	Ratio	Lower	Upper
164	100		
129	95.4	69.0	128.1
131	91.7	65.8	122.2
166	123.9	86.1	159.9

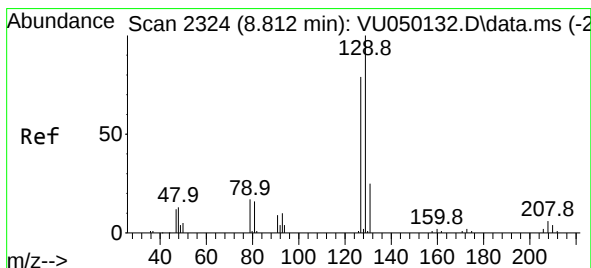
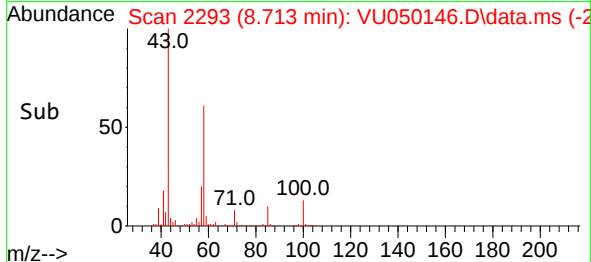
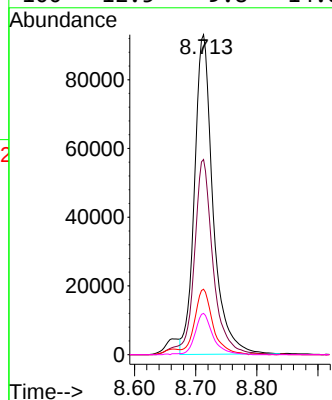
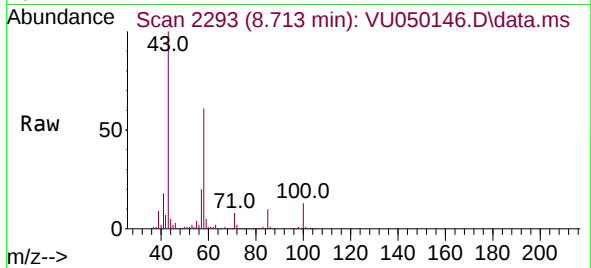




#48
2-Hexanone
Concen: 53.598 ug/L
RT: 8.713 min Scan# 21
Delta R.T. 0.026 min
Lab File: VU050146.D
Acq: 08 Aug 2022 19:44

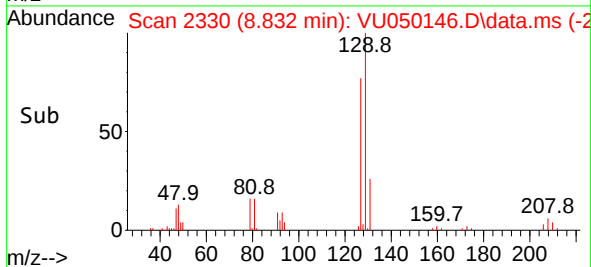
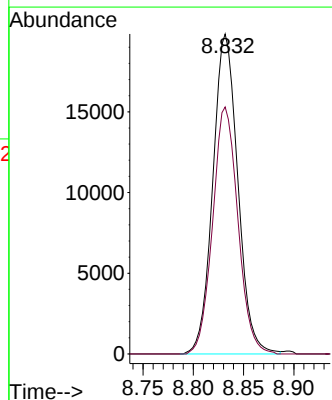
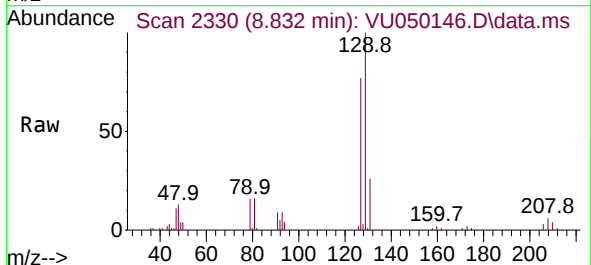
Instrument :
MSVOA_U
ClientSampleId :
GBJL3MS

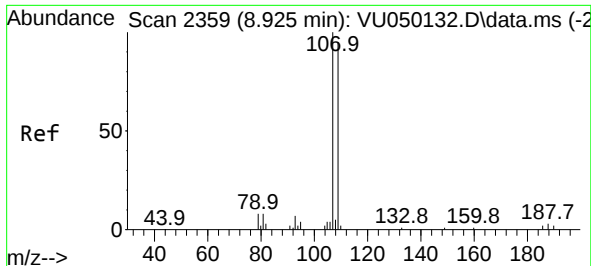
Tgt Ion:	43	Resp:	195740
Ion	Ratio	Lower	Upper
43	100		
58	62.5	50.6	76.0
57	20.4	16.0	24.0
100	12.5	9.8	14.8



#49
Dibromochloromethane
Concen: 5.086 ug/L
RT: 8.832 min Scan# 2330
Delta R.T. 0.019 min
Lab File: VU050146.D
Acq: 08 Aug 2022 19:44

Tgt Ion:	129	Resp:	34303
Ion	Ratio	Lower	Upper
129	100		
127	77.2	55.3	102.7





#50

1,2-Dibromoethane

Concen: 5.226 ug/L

RT: 8.944 min Scan# 21

Delta R.T. 0.019 min

Lab File: VU050146.D

Acq: 08 Aug 2022 19:44

Instrument :

MSVOA_U

ClientSampleId :

GBJL3MS

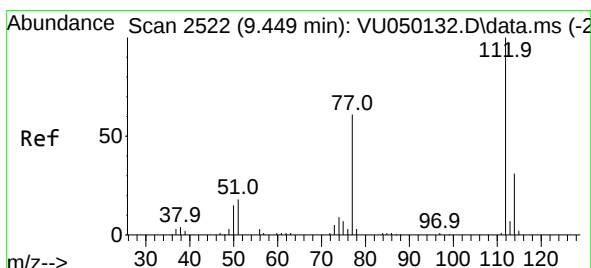
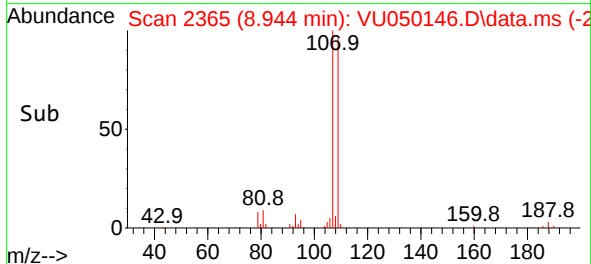
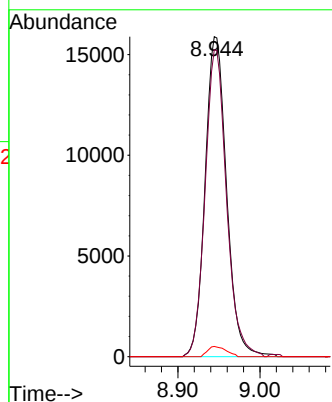
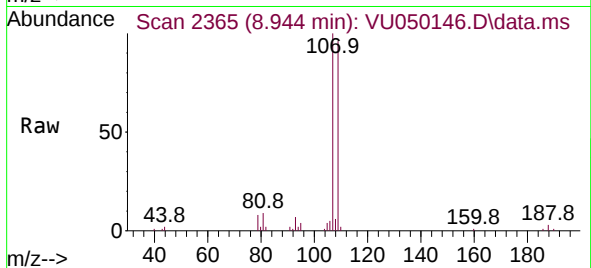
Tgt Ion:107 Resp: 28877

Ion Ratio Lower Upper

107 100

109 95.9 66.6 123.6

188 3.2 2.7 4.1



#51

Chlorobenzene

Concen: 4.974 ug/L

RT: 9.462 min Scan# 2526

Delta R.T. 0.013 min

Lab File: VU050146.D

Acq: 08 Aug 2022 19:44

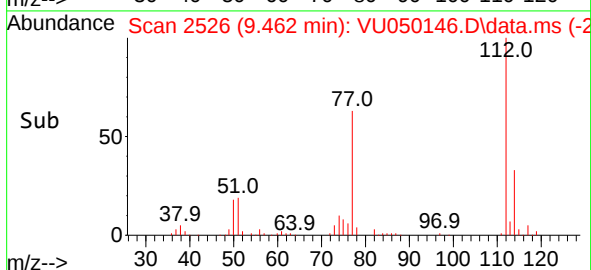
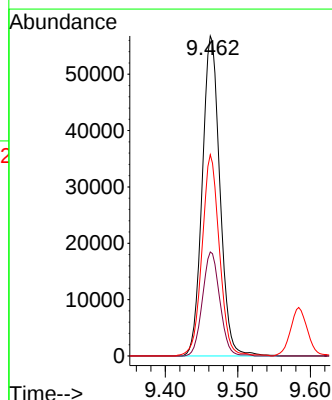
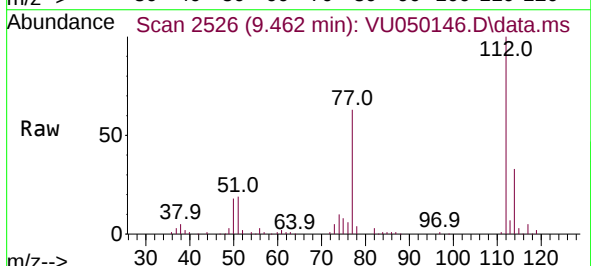
Tgt Ion:112 Resp: 96060

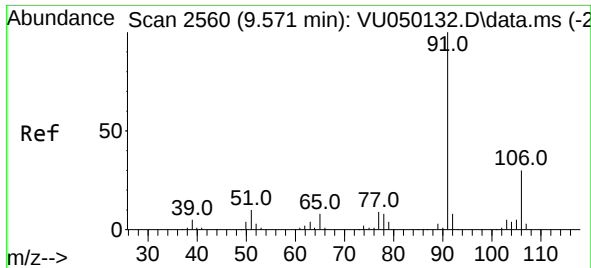
Ion Ratio Lower Upper

112 100

114 32.5 22.1 41.1

77 62.9 46.3 69.5

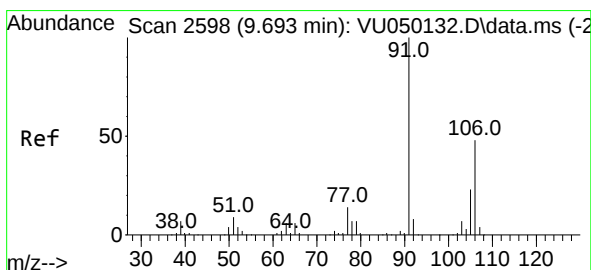
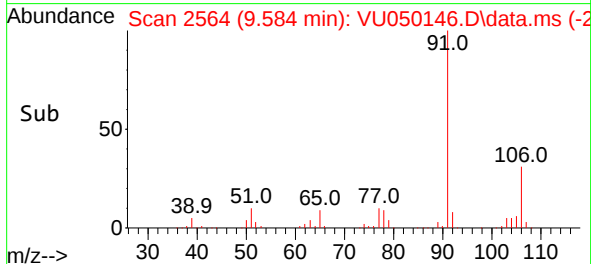
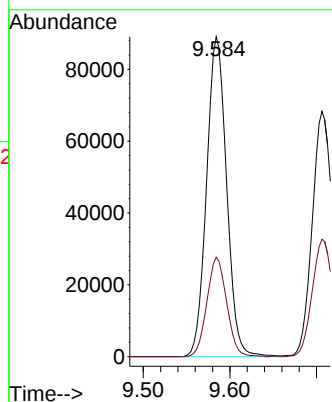
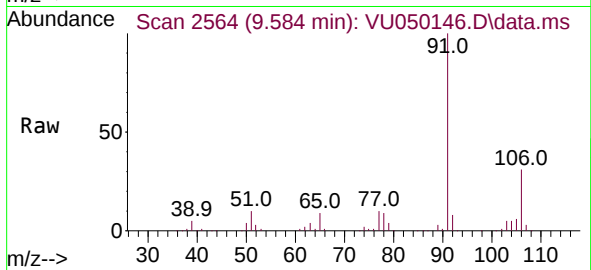




#52
Ethylbenzene
Concen: 4.777 ug/L
RT: 9.584 min Scan# 21
Delta R.T. 0.013 min
Lab File: VU050146.D
Acq: 08 Aug 2022 19:44

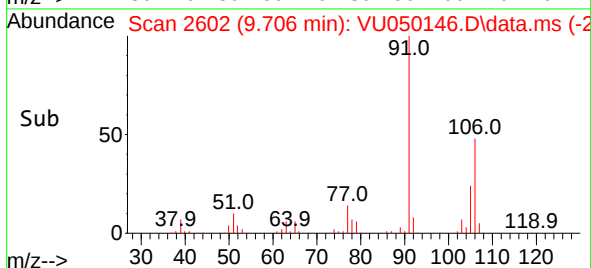
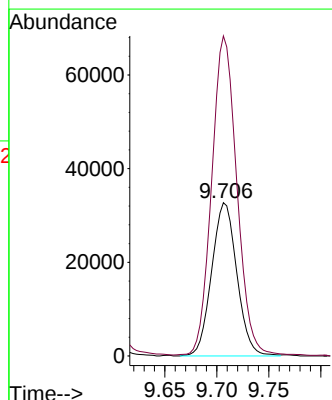
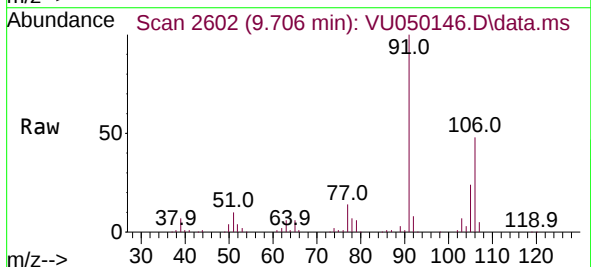
Instrument :
MSVOA_U
ClientSampleId :
GBJL3MS

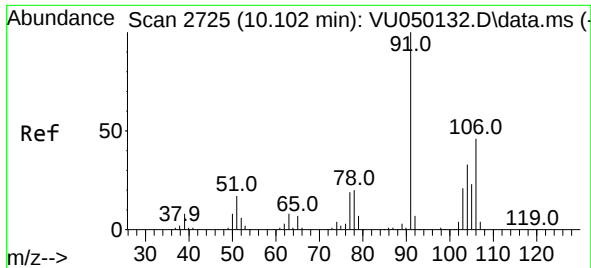
Tgt Ion: 91 Resp: 143072
Ion Ratio Lower Upper
91 100
106 31.1 21.3 39.5



#53
m,p-Xylene
Concen: 5.005 ug/L
RT: 9.706 min Scan# 2602
Delta R.T. 0.013 min
Lab File: VU050146.D
Acq: 08 Aug 2022 19:44

Tgt Ion: 106 Resp: 55211
Ion Ratio Lower Upper
106 100
91 208.8 143.1 265.9

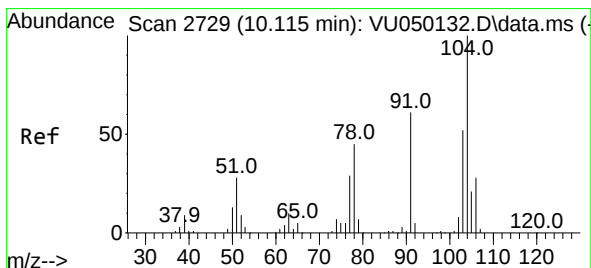
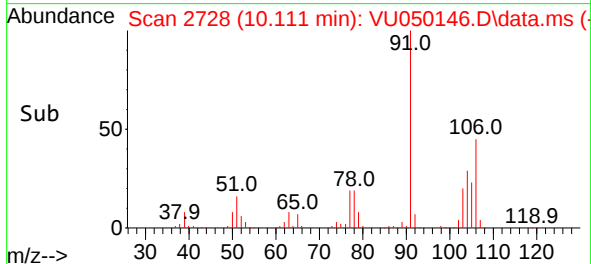
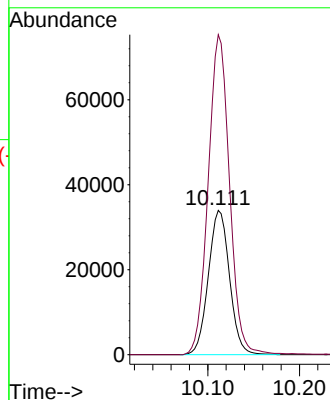
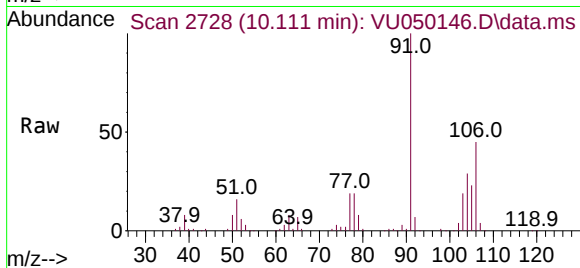




#54
o-Xylene
Concen: 4.949 ug/L
RT: 10.111 min Scan# 2725
Delta R.T. 0.010 min
Lab File: VU050146.D
Acq: 08 Aug 2022 19:44

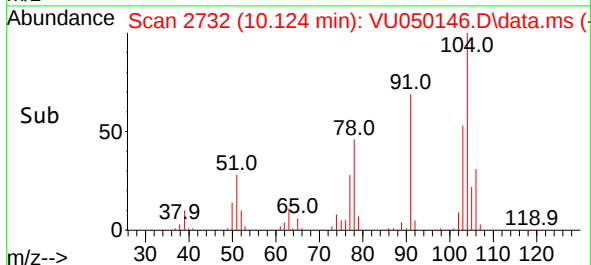
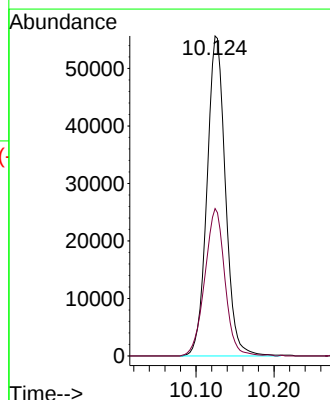
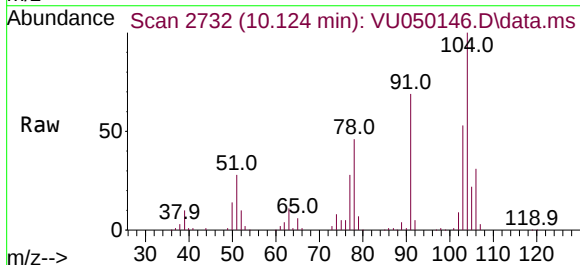
Instrument :
MSVOA_U
ClientSampleId :
GBJL3MS

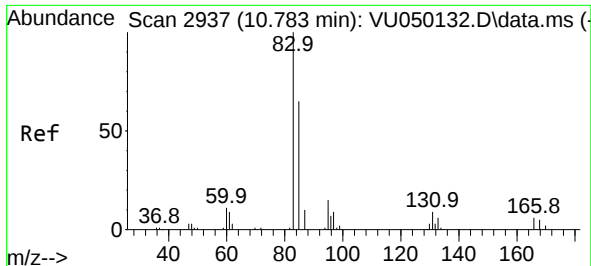
Tgt Ion:106 Resp: 54489
Ion Ratio Lower Upper
106 100
91 221.7 149.4 277.4



#55
Styrene
Concen: 4.971 ug/L
RT: 10.124 min Scan# 2732
Delta R.T. 0.010 min
Lab File: VU050146.D
Acq: 08 Aug 2022 19:44

Tgt Ion:104 Resp: 91446
Ion Ratio Lower Upper
104 100
78 46.0 31.9 59.3





#57

1,1,2,2-Tetrachloroethane

Concen: 5.296 ug/L

RT: 10.790 min Scan# 2939

Delta R.T. 0.006 min

Lab File: VU050146.D

Acq: 08 Aug 2022 19:44

Instrument :

MSVOA_U

ClientSampleId :

GBJL3MS

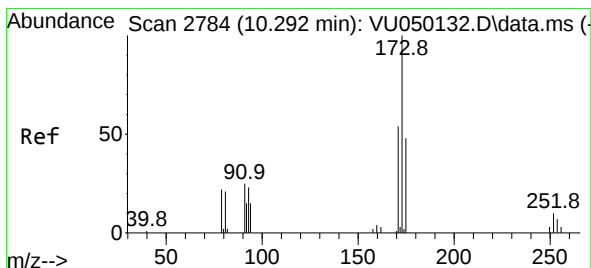
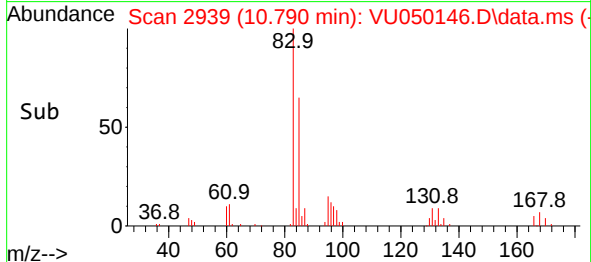
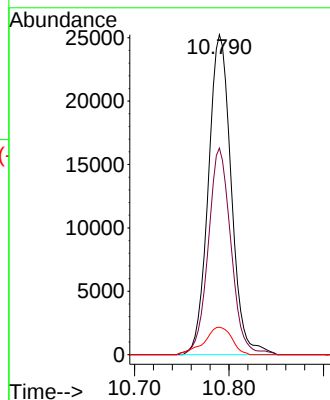
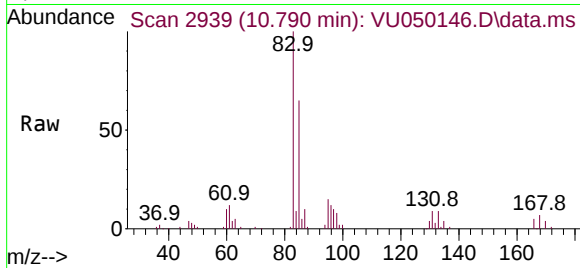
Tgt Ion: 83 Resp: 42409

Ion Ratio Lower Upper

83 100

85 64.5 45.2 84.0

131 8.6 6.6 9.8



#59

Bromoform

Concen: 4.754 ug/L

RT: 10.301 min Scan# 2787

Delta R.T. 0.010 min

Lab File: VU050146.D

Acq: 08 Aug 2022 19:44

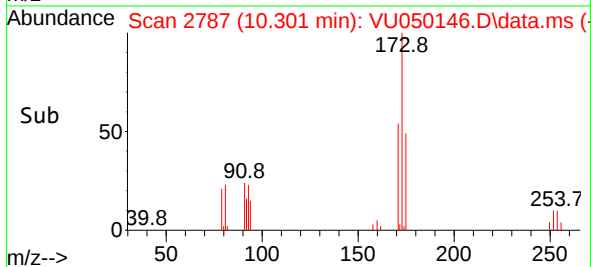
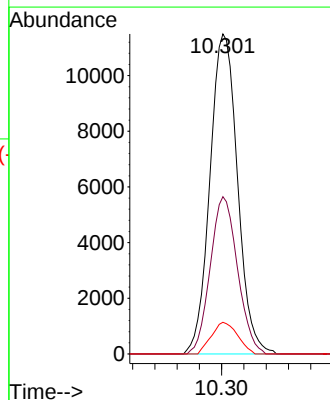
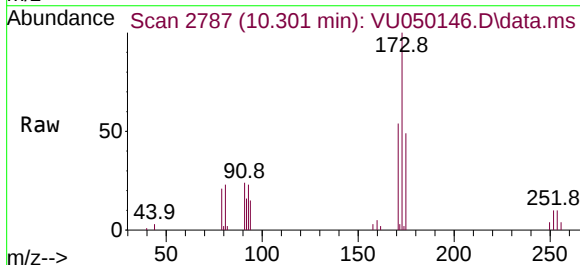
Tgt Ion:173 Resp: 19766

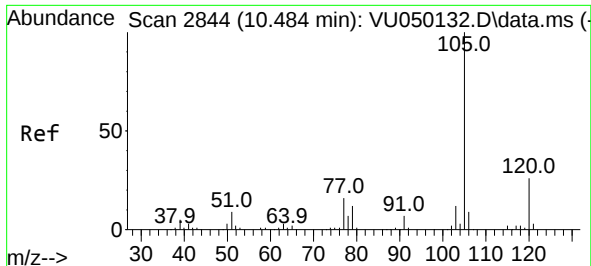
Ion Ratio Lower Upper

173 100

175 48.5 37.0 55.6

254 9.4 7.4 11.0

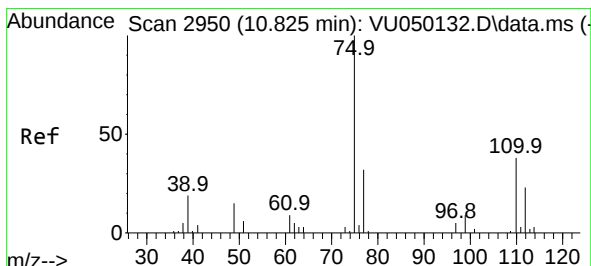
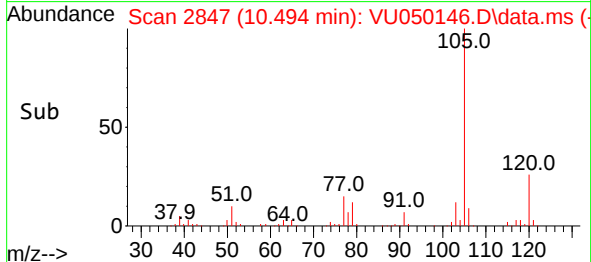
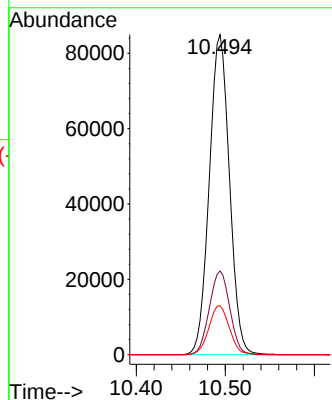
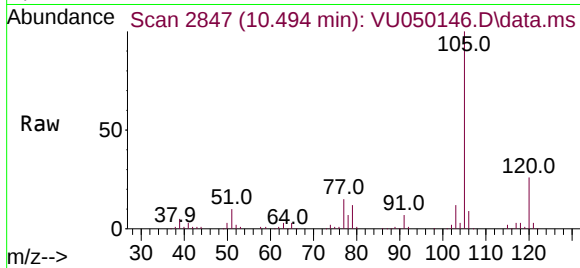




#60
Isopropylbenzene
Concen: 4.813 ug/L
RT: 10.494 min Scan# 2847
Delta R.T. 0.010 min
Lab File: VU050146.D
Acq: 08 Aug 2022 19:44

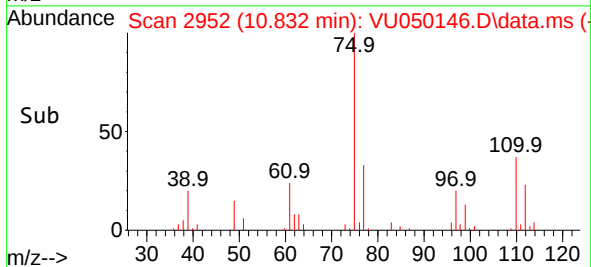
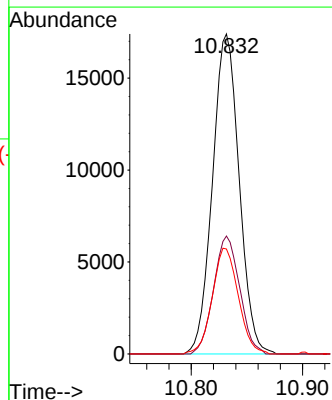
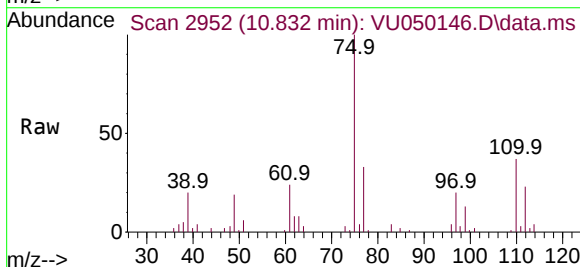
Instrument :
MSVOA_U
ClientSampleId :
GBJL3MS

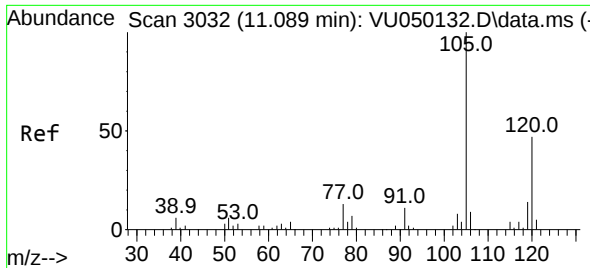
Tgt Ion:105 Resp: 133251
Ion Ratio Lower Upper
105 100
120 26.5 20.8 31.2
77 15.7 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.125 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. 0.006 min
Lab File: VU050146.D
Acq: 08 Aug 2022 19:44

Tgt Ion: 75 Resp: 28942
Ion Ratio Lower Upper
75 100
110 36.0 28.5 42.7
77 32.3 25.8 38.6

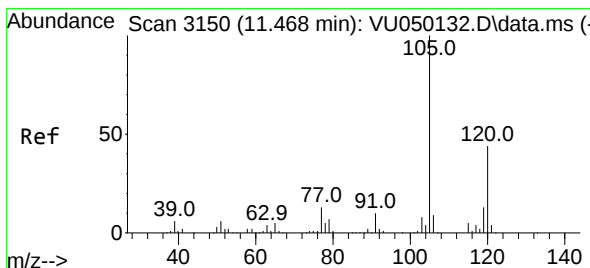
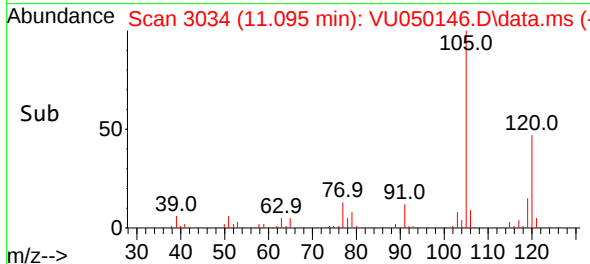
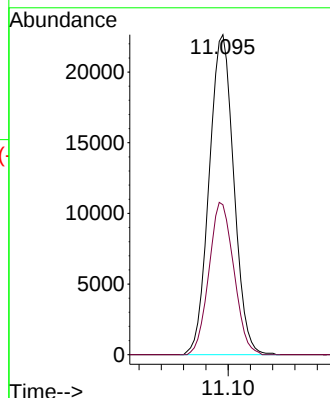
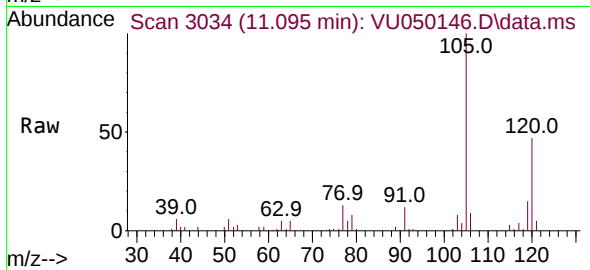




#62
 1,3,5-Trimethylbenzene
 Concen: 4.446 ug/L
 RT: 11.095 min Scan# 3034
 Delta R.T. 0.006 min
 Lab File: VU050146.D
 Acq: 08 Aug 2022 19:44

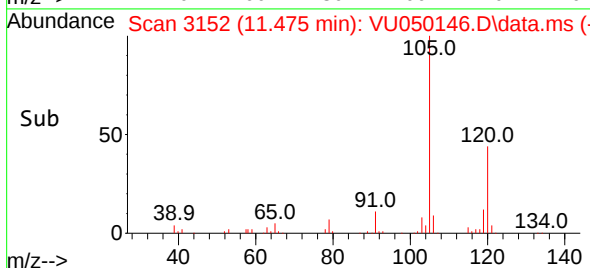
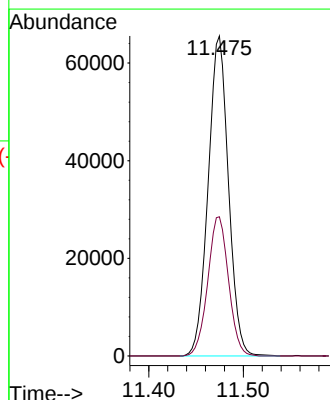
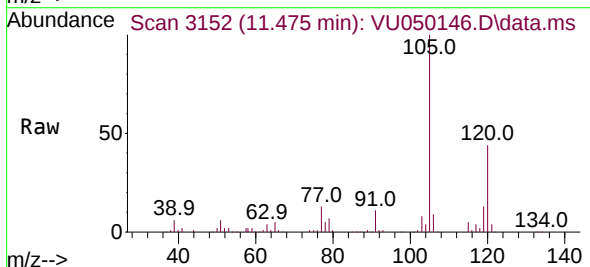
Instrument :
 MSVOA_U
 ClientSampleId :
 GBJL3MS

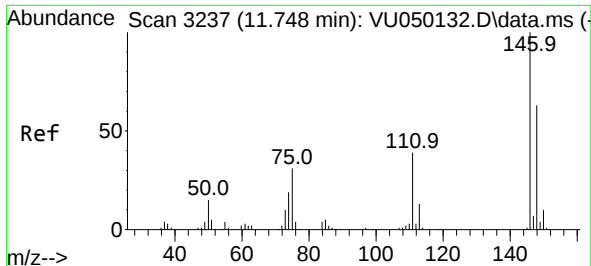
Tgt Ion:105 Resp: 34777
 Ion Ratio Lower Upper
 105 100
 120 48.1 38.9 58.3



#63
 1,2,4-Trimethylbenzene
 Concen: 4.590 ug/L
 RT: 11.475 min Scan# 3152
 Delta R.T. 0.006 min
 Lab File: VU050146.D
 Acq: 08 Aug 2022 19:44

Tgt Ion:105 Resp: 97819
 Ion Ratio Lower Upper
 105 100
 120 44.5 35.9 53.9

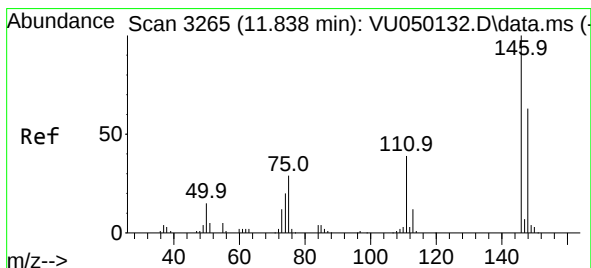
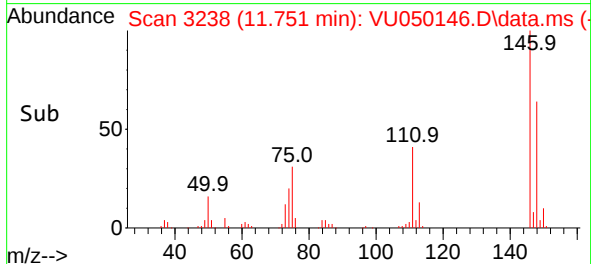
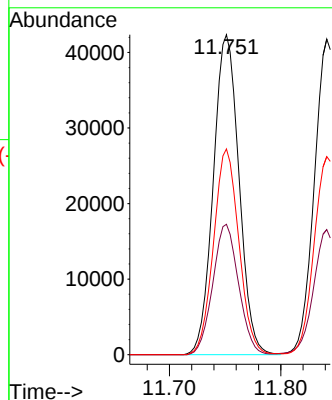
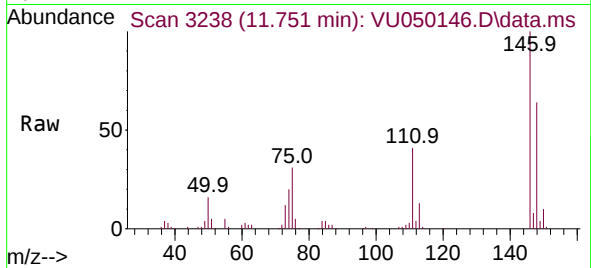




#64
1,3-Dichlorobenzene
Concen: 4.857 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.003 min
Lab File: VU050146.D
Acq: 08 Aug 2022 19:44

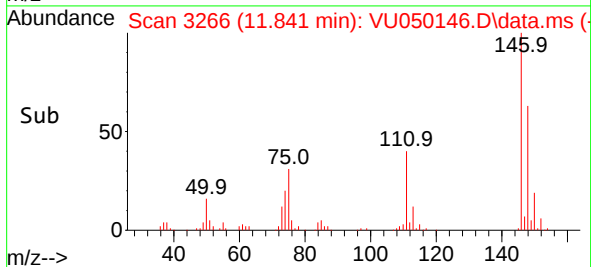
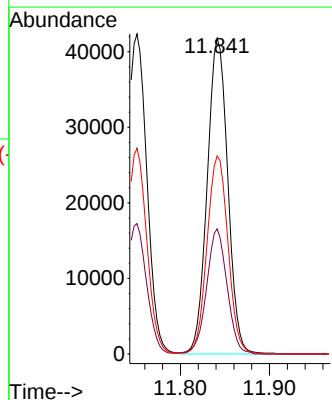
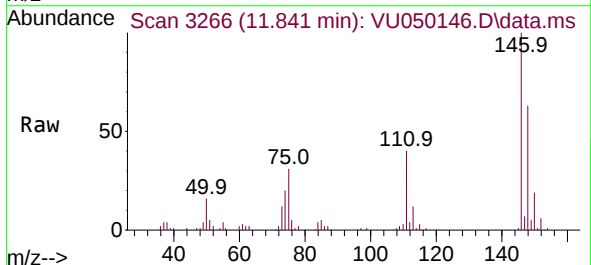
Instrument :
MSVOA_U
ClientSampleId :
GBJL3MS

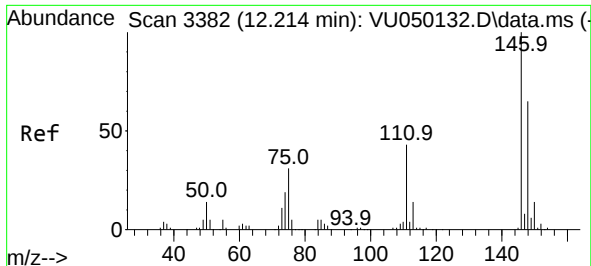
Tgt Ion:146 Resp: 67776
Ion Ratio Lower Upper
146 100
111 40.8 29.9 55.5
148 64.3 45.8 85.2



#65
1,4-Dichlorobenzene
Concen: 4.933 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.003 min
Lab File: VU050146.D
Acq: 08 Aug 2022 19:44

Tgt Ion:146 Resp: 66980
Ion Ratio Lower Upper
146 100
111 39.6 28.1 52.1
148 62.8 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 4.955 ug/L

RT: 12.217 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU050146.D

Acq: 08 Aug 2022 19:44

Instrument :

MSVOA_U

ClientSampleId :

GBJL3MS

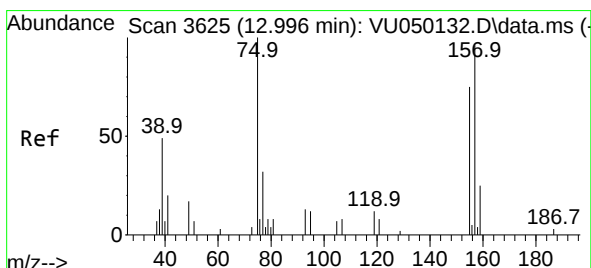
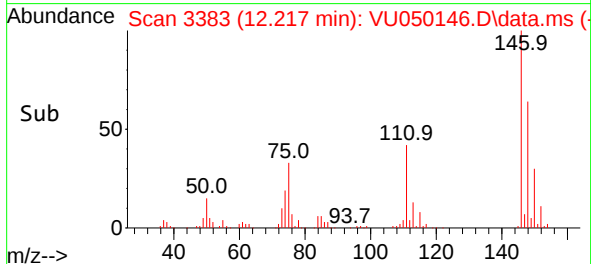
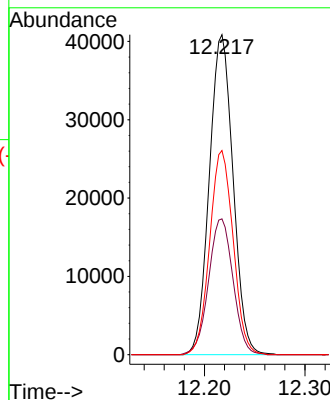
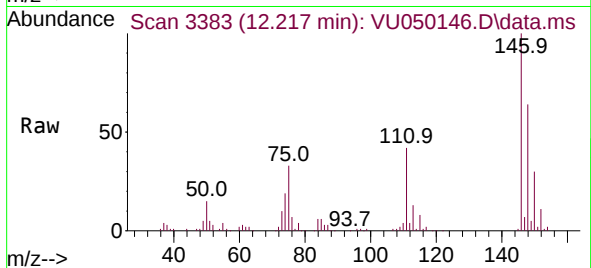
Tgt Ion:146 Resp: 66967

Ion Ratio Lower Upper

146 100

111 42.5 32.9 49.3

148 63.8 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.706 ug/L

RT: 13.002 min Scan# 3627

Delta R.T. 0.006 min

Lab File: VU050146.D

Acq: 08 Aug 2022 19:44

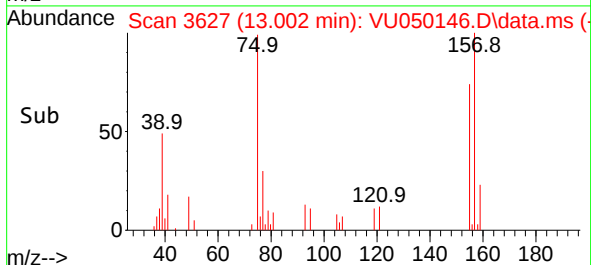
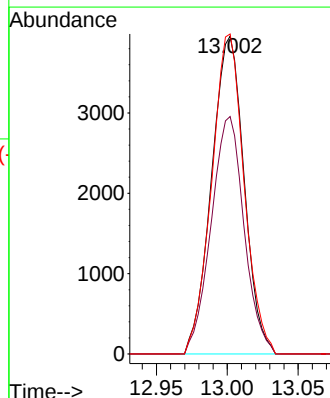
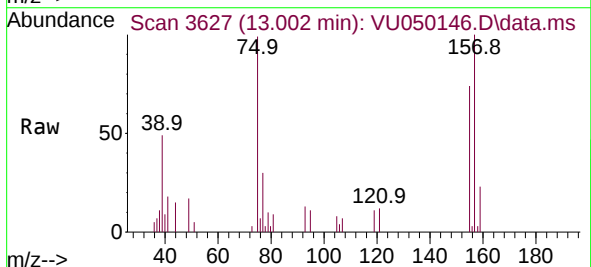
Tgt Ion: 75 Resp: 6318

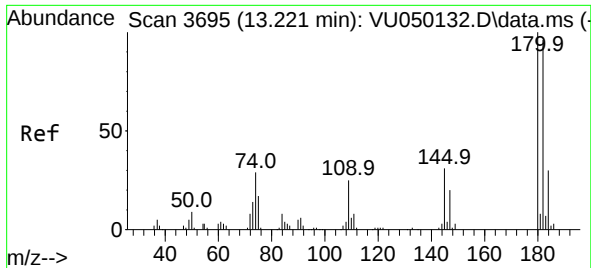
Ion Ratio Lower Upper

75 100

155 74.7 63.5 95.3

157 100.7 85.0 127.6

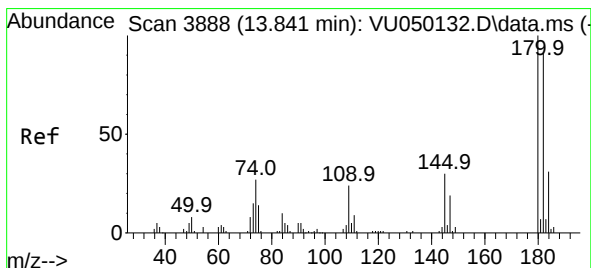
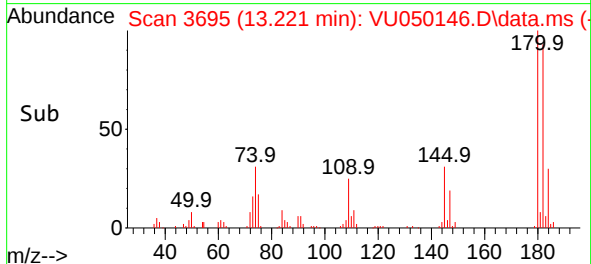
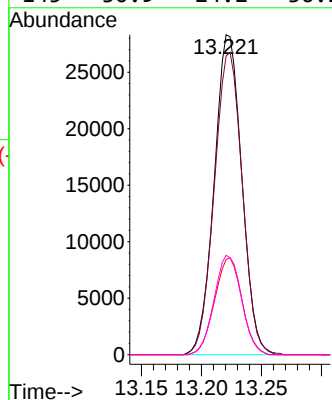
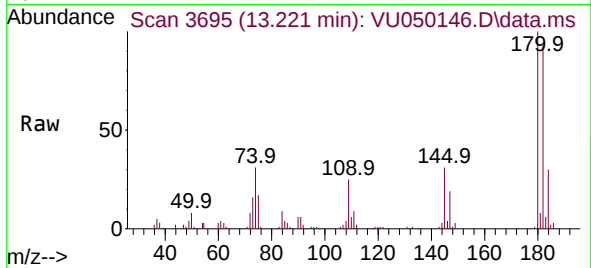




#69
1,3,5-Trichlorobenzene
Concen: 4.540 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. -0.000 min
Lab File: VU050146.D
Acq: 08 Aug 2022 19:44

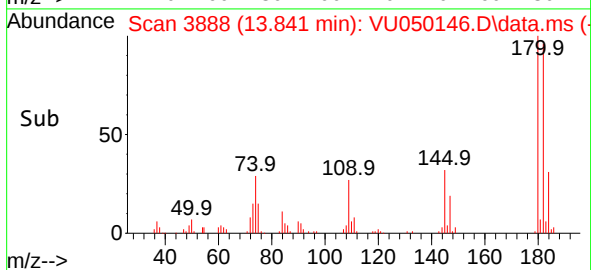
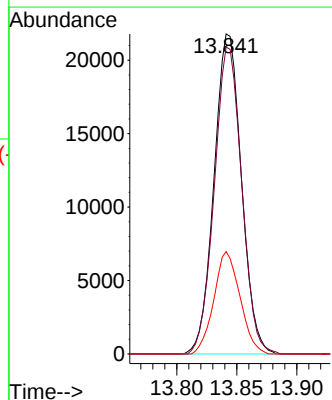
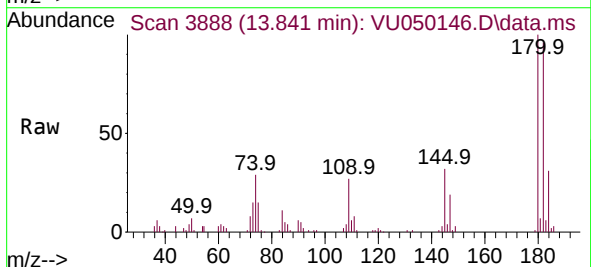
Instrument :
MSVOA_U
ClientSampleId :
GBJL3MS

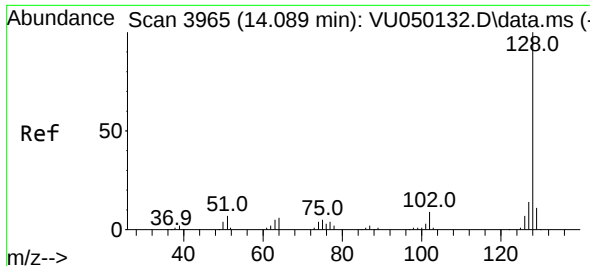
Tgt Ion:180	Resp:	45130
Ion Ratio	Lower	Upper
180	100	
182	95.9	77.3 115.9
184	30.2	24.1 36.1
145	30.9	24.2 36.2



#70
1,2,4-trichlorobenzene
Concen: 4.583 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU050146.D
Acq: 08 Aug 2022 19:44

Tgt Ion:180	Resp:	34519
Ion Ratio	Lower	Upper
180	100	
182	95.9	76.9 115.3
145	30.6	24.2 36.4

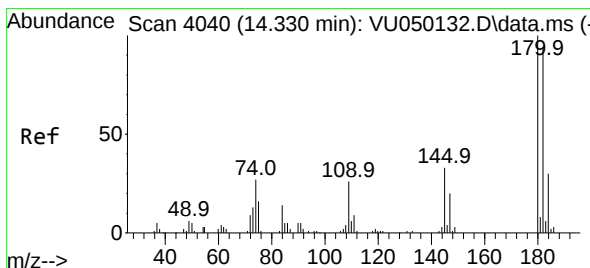
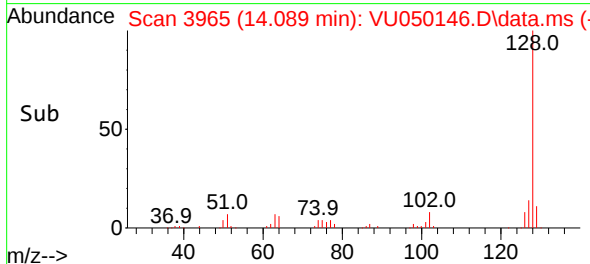
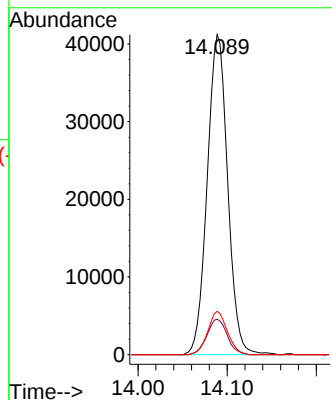
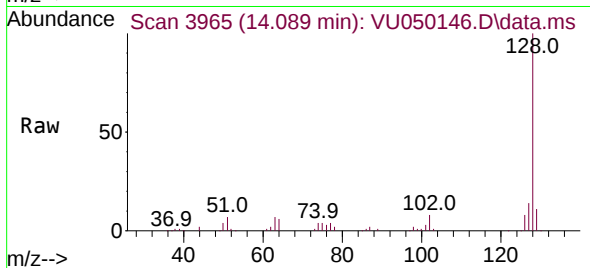




#71
Naphthalene
Concen: 4.252 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU050146.D
Acq: 08 Aug 2022 19:44

Instrument :
MSVOA_U
ClientSampleId :
GBJL3MS

Tgt Ion:	128	Resp:	65664
Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	12.9	10.6	16.0



#72
1,2,3-Trichlorobenzene
Concen: 4.679 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU050146.D
Acq: 08 Aug 2022 19:44

Tgt Ion:	180	Resp:	35724
Ion	Ratio	Lower	Upper
180	100		
182	96.2	77.5	116.3
145	31.6	25.8	38.6

