

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050179.D
 Acq On : 09 Aug 2022 13:17
 Operator : SY/MD
 Sample : N4070-13MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 10 04:47:06 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	6.292	114	75402	5.000	ug/L	0.04
28) Chlorobenzene-d5	9.430	117	76158	5.000	ug/L	0.01
58) 1,4-Dichlorobenzene-d4	11.815	152	36020	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	37535	5.982	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 119.600%		
7) Chloroethane-d5	1.922	69	32326	6.385	ug/L	0.01
Spiked Amount	5.000	Range 65 - 130	Recovery	= 127.800%		
11) 1,1-Dichloroethene-d2	2.581	65	15294	6.236	ug/L	0.02
Spiked Amount	5.000	Range 60 - 125	Recovery	= 124.800%		
20) 2-Butanone-d5	4.684	46	88278	57.690	ug/L	0.04
Spiked Amount	50.000	Range 40 - 130	Recovery	= 115.380%		
24) Chloroform-d	5.073	84	75026	6.428	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 128.600%#		
26) 1,2-Dichloroethane-d4	5.745	65	36872	6.153	ug/L	0.04
Spiked Amount	5.000	Range 70 - 130	Recovery	= 123.000%		
32) Benzene-d6	5.764	84	144746	6.090	ug/L	0.04
Spiked Amount	5.000	Range 70 - 125	Recovery	= 121.800%		
36) 1,2-Dichloropropane-d6	6.729	67	49210	6.288	ug/L	0.04
Spiked Amount	5.000	Range 60 - 140	Recovery	= 125.800%		
41) Toluene-d8	7.918	98	132299	6.303	ug/L	0.02
Spiked Amount	5.000	Range 70 - 130	Recovery	= 126.000%		
43) trans-1,3-Dichloroprop...	8.198	79	16776	5.982	ug/L	0.02
Spiked Amount	5.000	Range 55 - 130	Recovery	= 119.600%		
46) 2-Hexanone-d5	8.655	63	75144	75.557	ug/L	0.02
Spiked Amount	50.000	Range 45 - 130	Recovery	= 151.120%#		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	42761	6.222	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 124.400%#		
66) 1,2-Dichlorobenzene-d4	12.195	152	41822	5.926	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 118.600%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	39351	5.692	ug/L	100
3) Chloromethane	1.523	50	52004	5.751	ug/L	99
5) Vinyl chloride	1.607	62	46225	5.706	ug/L	99
6) Bromomethane	1.864	94	22895	4.428	ug/L	93
8) Chloroethane	1.941	64	29516	6.184	ug/L	99
9) Trichlorofluoromethane	2.147	101	52569	5.926	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.597	101	27916	5.657	ug/L	97
12) 1,1-Dichloroethene	2.594	96	29670	5.693	ug/L	89
13) Acetone	2.674	43	42982	50.437	ug/L	93
14) Carbon disulfide	2.806	76	97847	5.256	ug/L	99
15) Methyl Acetate	2.986	43	12495	5.370	ug/L	96
16) Methylene chloride	3.060	84	36744	4.614	ug/L	93
17) Methyl tert-butyl Ether	3.398	73	87557	6.437	ug/L	97
18) trans-1,2-Dichloroethene	3.362	96	31759	5.442	ug/L	85
19) 1,1-Dichloroethane	3.877	63	68603	6.208	ug/L	97
21) 2-Butanone	4.764	43	82254	53.675	ug/L	97
22) cis-1,2-Dichloroethene	4.668	96	87157	13.456	ug/L	95
23) Bromochloromethane	4.983	128	17716	5.722	ug/L	95
25) Chloroform	5.099	83	68651	5.827	ug/L	97

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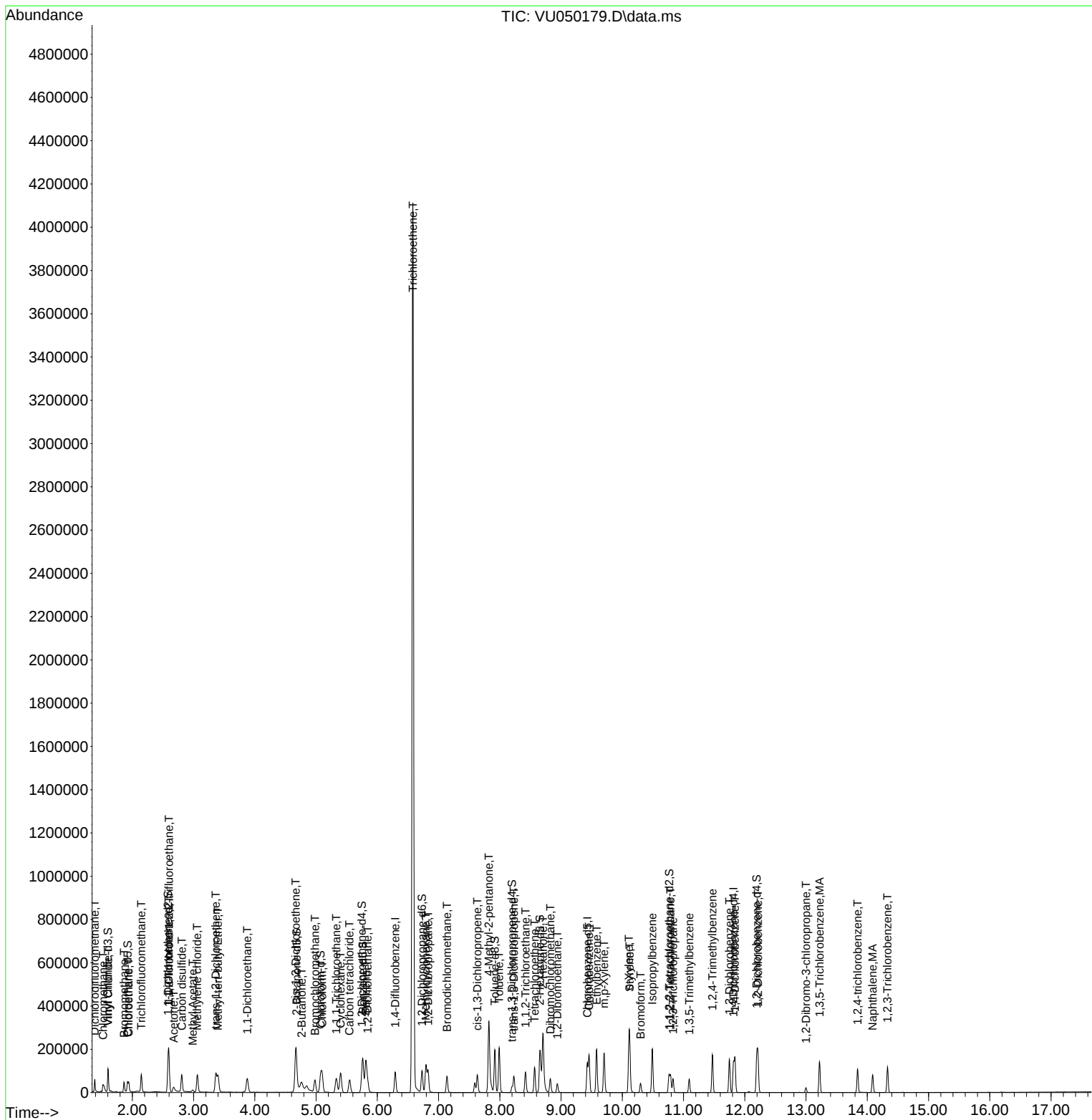
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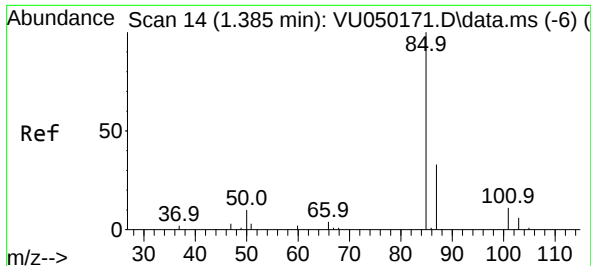
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.841	62	43464	6.062	ug/L	97
29) 1,1,1-Trichloroethane	5.330	97	52812	5.653	ug/L	99
30) Cyclohexane	5.401	56	42749	5.252	ug/L	99
31) Carbon tetrachloride	5.546	117	43066	5.623	ug/L	99
33) Benzene	5.812	78	150035	5.623	ug/L	100
34) Trichloroethene	6.581	95	1430039	221.593	ug/L	97
35) Methylcyclohexane	6.793	83	47857	5.745	ug/L	98
37) 1,2-Dichloropropane	6.828	63	40435	5.689	ug/L	99
38) Bromodichloromethane	7.137	83	50555	5.856	ug/L	97
39) cis-1,3-Dichloropropene	7.632	75	51163	5.516	ug/L	96
40) 4-Methyl-2-pentanone	7.822	43	245818	59.712	ug/L	99
42) Toluene	7.989	91	154764	5.783	ug/L	99
44) trans-1,3-Dichloropropene	8.230	75	43558	5.475	ug/L	97
45) 1,1,2-Trichloroethane	8.420	97	30817	5.800	ug/L	98
47) Tetrachloroethene	8.568	164	25719	5.562	ug/L	99
48) 2-Hexanone	8.706	43	194044	60.943	ug/L	99
49) Dibromochloromethane	8.825	129	34111	5.801	ug/L	96
50) 1,2-Dibromoethane	8.938	107	28276	5.870	ug/L	98
51) Chlorobenzene	9.459	112	91677	5.445	ug/L	97
52) Ethylbenzene	9.581	91	138938	5.321	ug/L	99
53) m,p-Xylene	9.703	106	53613	5.575	ug/L	100
54) o-Xylene	10.108	106	53122	5.534	ug/L	100
55) Styrene	10.121	104	87355	5.447	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	40925	5.862	ug/L	99
59) Bromoform	10.298	173	19572	5.418	ug/L	98
60) Isopropylbenzene	10.491	105	126851	5.273	ug/L	100
61) 1,2,3-Trichloropropane	10.828	75	27665	5.638	ug/L	98
62) 1,3,5-Trimethylbenzene	11.092	105	34526	5.080	ug/L	96
63) 1,2,4-Trimethylbenzene	11.471	105	93102	5.028	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	63847	5.266	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	62991	5.339	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	63802	5.434	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	6051	6.289	ug/L	97
69) 1,3,5-Trichlorobenzene	13.220	180	43646	5.053	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	33124	5.061	ug/L	100
71) Naphthalene	14.089	128	66042	4.922	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	35145	5.298	ug/L	99

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

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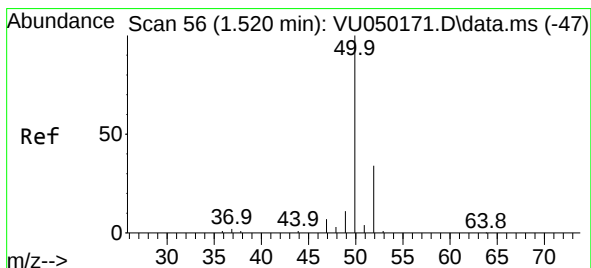
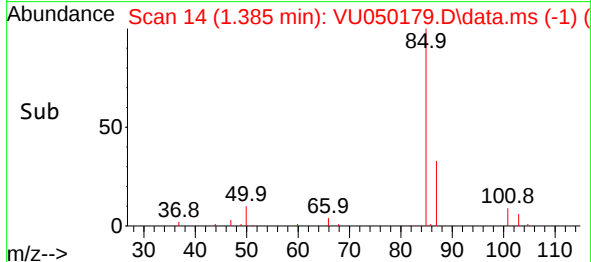
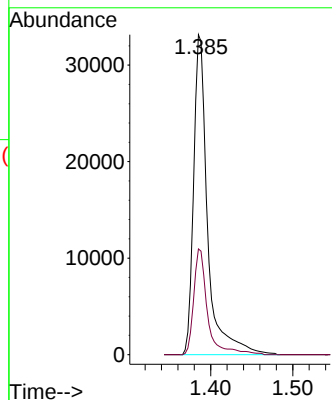
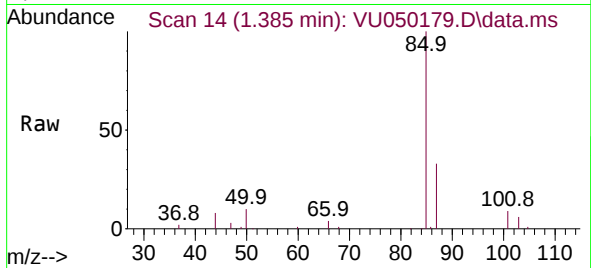




#2
Dichlorodifluoromethane
Concen: 5.692 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU050179.D
Acq: 09 Aug 2022 13:17

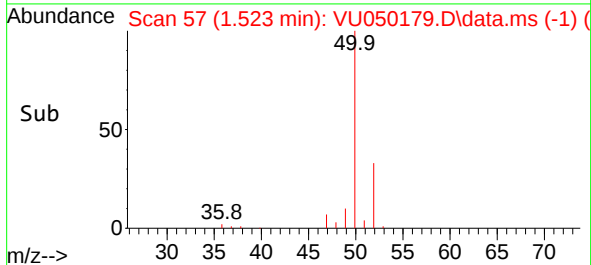
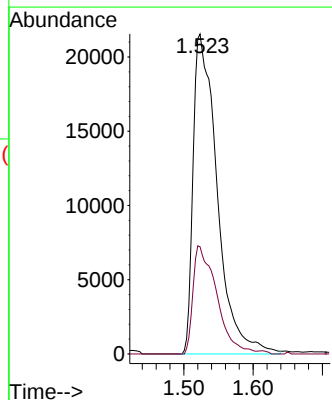
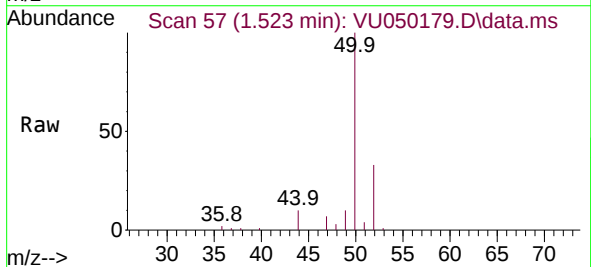
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MSVOA_U
ClientSampleId :

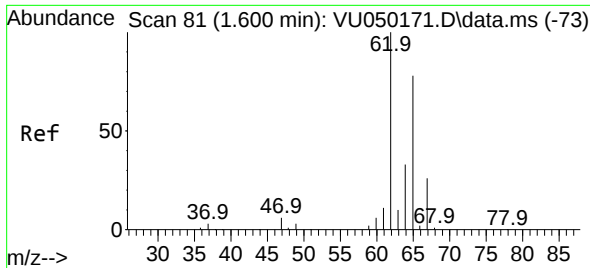
Tgt Ion: 85 Resp: 39351
Ion Ratio Lower Upper
85 100
87 32.6 26.2 39.4



#3
Chloromethane
Concen: 5.751 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU050179.D
Acq: 09 Aug 2022 13:17

Tgt Ion: 50 Resp: 52004
Ion Ratio Lower Upper
50 100
52 33.5 23.2 43.2

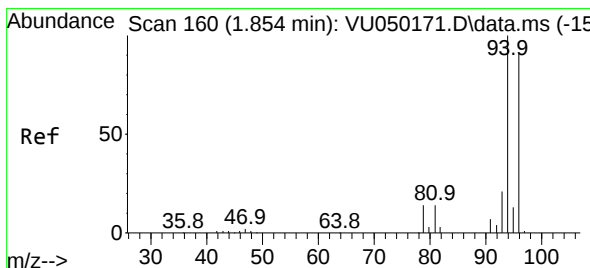
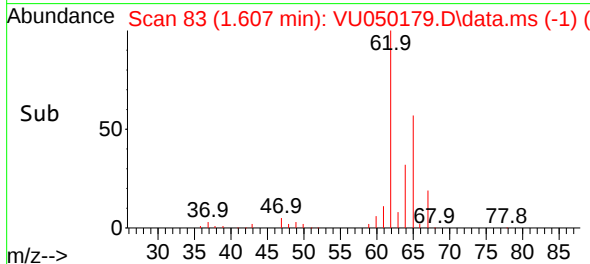
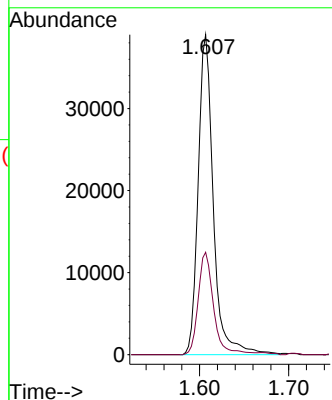
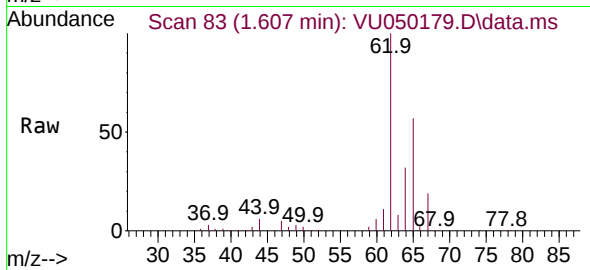




#5
 Vinyl chloride
 Concen: 5.706 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VU050179.D
 Acq: 09 Aug 2022 13:17

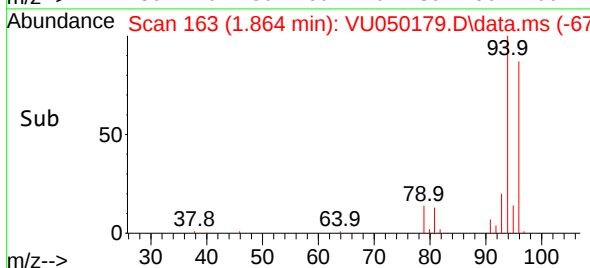
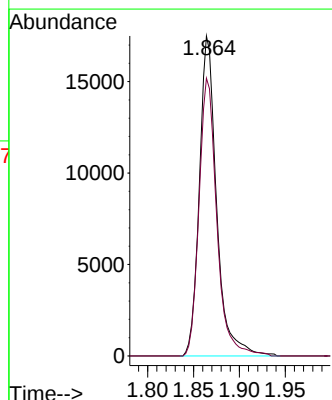
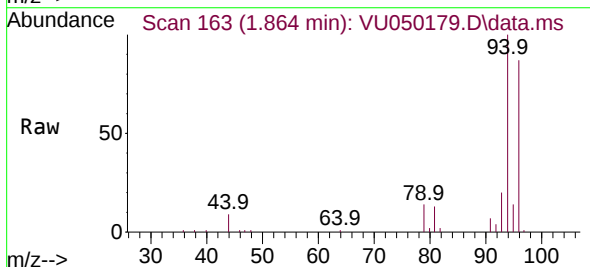
Instrument :
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 ClientSampleId :

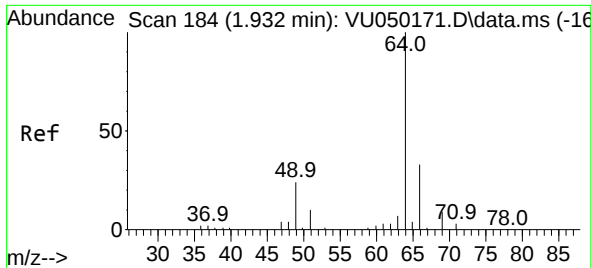
Tgt Ion: 62 Resp: 46225
 Ion Ratio Lower Upper
 62 100
 64 32.0 22.8 42.4



#6
 Bromomethane
 Concen: 4.428 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.009 min
 Lab File: VU050179.D
 Acq: 09 Aug 2022 13:17

Tgt Ion: 94 Resp: 22895
 Ion Ratio Lower Upper
 94 100
 96 86.8 65.3 121.3

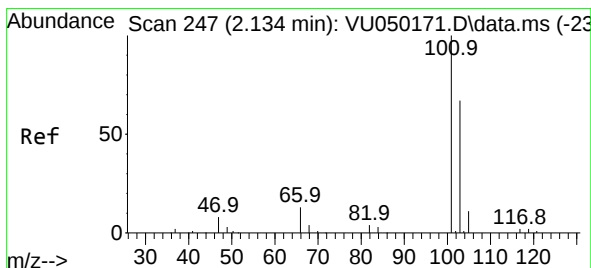
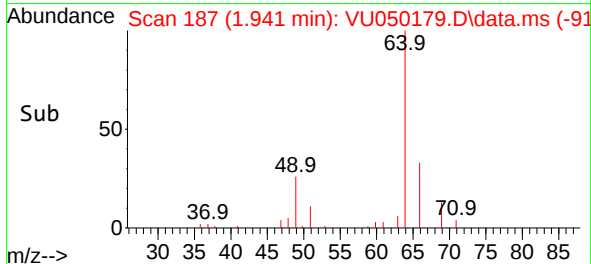
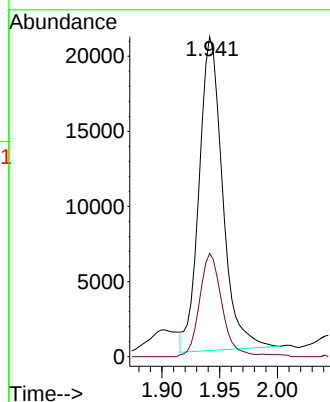
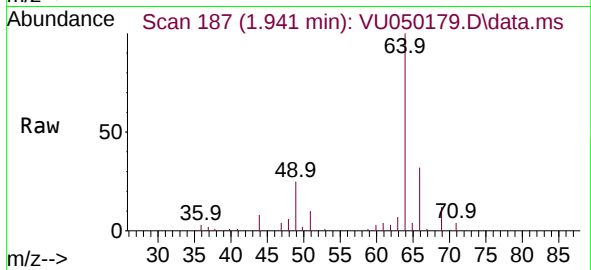




#8
Chloroethane
Concen: 6.184 ug/L
RT: 1.941 min Scan# 11
Delta R.T. 0.009 min
Lab File: VU050179.D
Acq: 09 Aug 2022 13:17

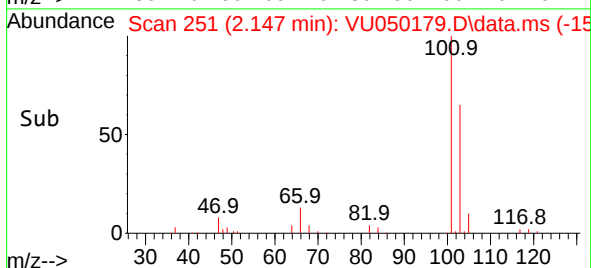
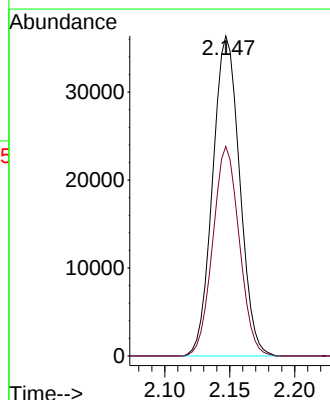
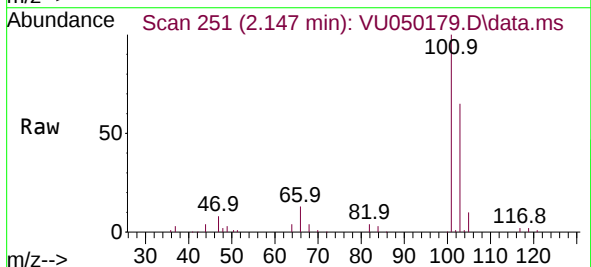
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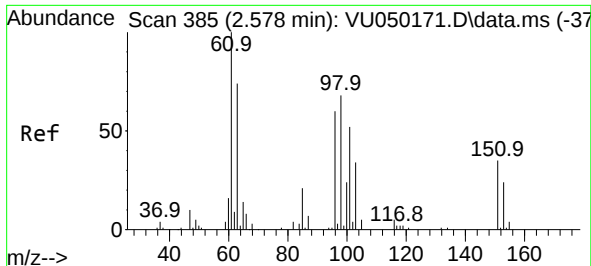
Tgt Ion: 64 Resp: 29516
Ion Ratio Lower Upper
64 100
66 32.2 22.8 42.4



#9
Trichlorofluoromethane
Concen: 5.926 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.013 min
Lab File: VU050179.D
Acq: 09 Aug 2022 13:17

Tgt Ion:101 Resp: 52569
Ion Ratio Lower Upper
101 100
103 64.2 52.6 78.8

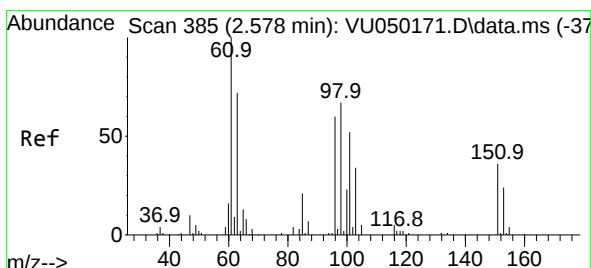
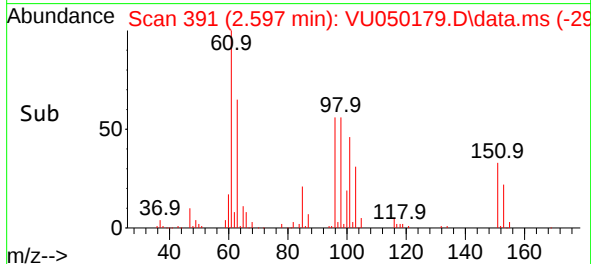
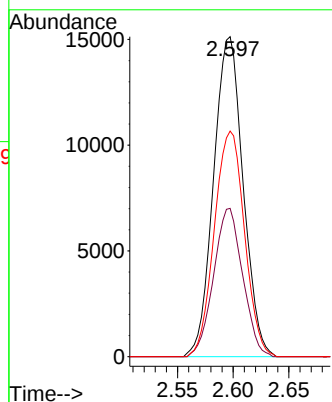
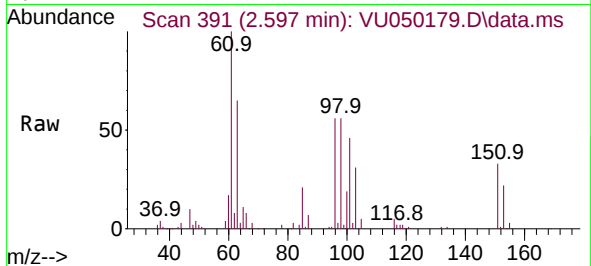




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.657 ug/L
 RT: 2.597 min Scan# 391
 Delta R.T. 0.022 min
 Lab File: VU050179.D
 Acq: 09 Aug 2022 13:17

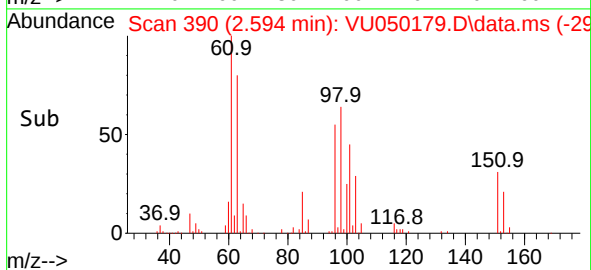
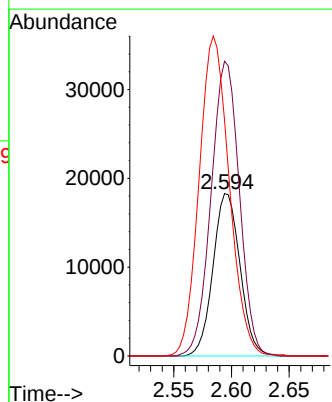
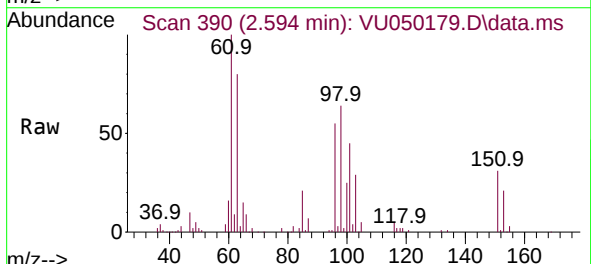
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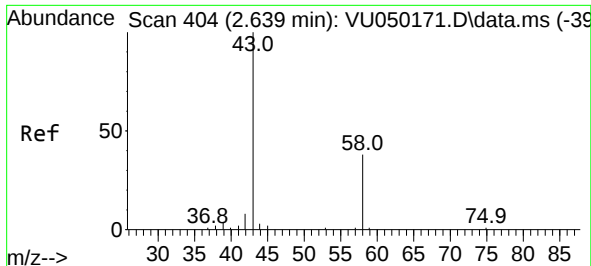
Tgt Ion:	101	Resp:	27916
Ion Ratio	Lower	Upper	
101	100		
85	45.6	35.6	53.4
151	71.9	55.2	82.8



#12
 1,1-Dichloroethene
 Concen: 5.693 ug/L
 RT: 2.594 min Scan# 390
 Delta R.T. 0.019 min
 Lab File: VU050179.D
 Acq: 09 Aug 2022 13:17

Tgt Ion:	96	Resp:	29670
Ion Ratio	Lower	Upper	
96	100		
61	181.6	122.7	227.9
63	145.3	85.1	158.1





#13

Acetone

Concen: 50.437 ug/L

RT: 2.674 min Scan# 41

Delta R.T. 0.029 min

Lab File: VU050179.D

Acq: 09 Aug 2022 13:17

Instrument :

MSVOA_U

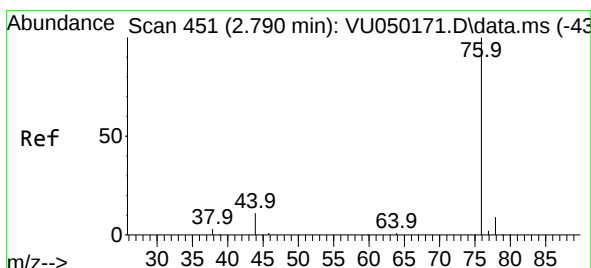
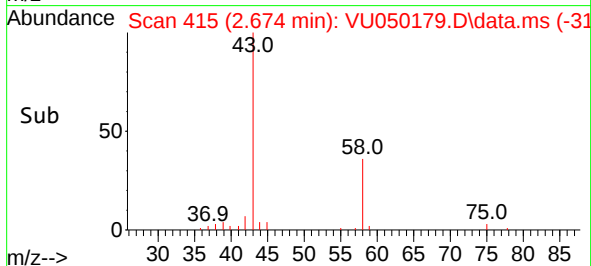
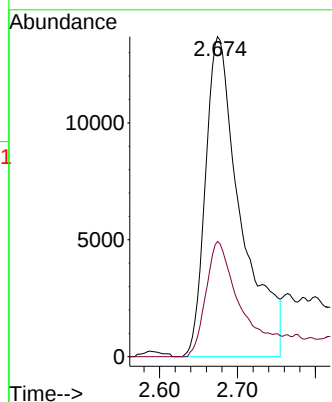
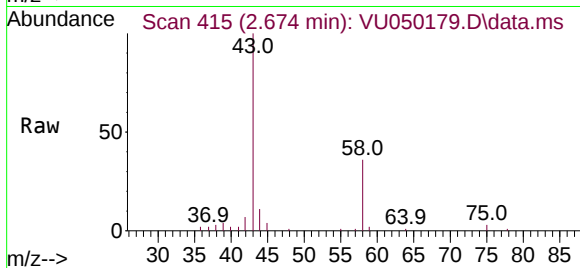
ClientSampleId :

Tgt Ion: 43 Resp: 42982

Ion Ratio Lower Upper

43 100

58 36.0 0.0 64.0



#14

Carbon disulfide

Concen: 5.256 ug/L

RT: 2.806 min Scan# 456

Delta R.T. 0.019 min

Lab File: VU050179.D

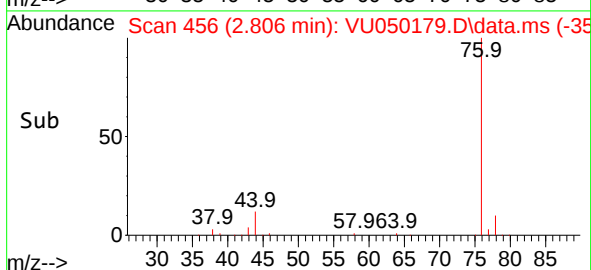
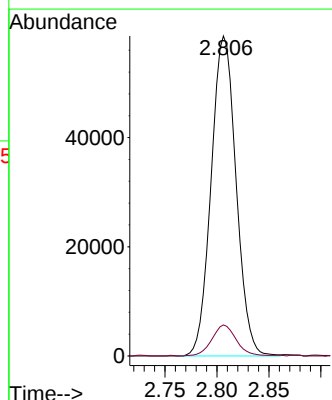
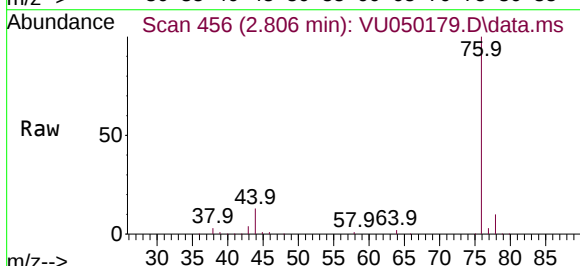
Acq: 09 Aug 2022 13:17

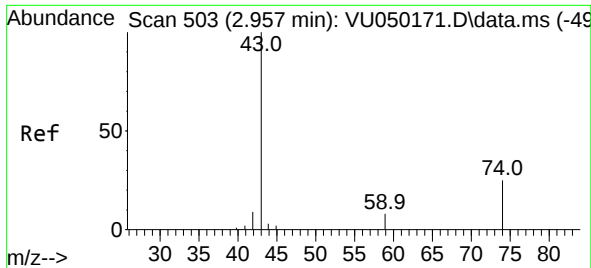
Tgt Ion: 76 Resp: 97847

Ion Ratio Lower Upper

76 100

78 9.7 7.4 11.0

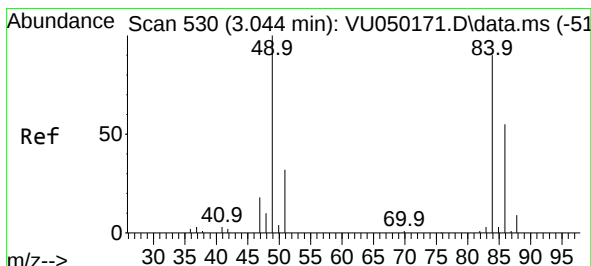
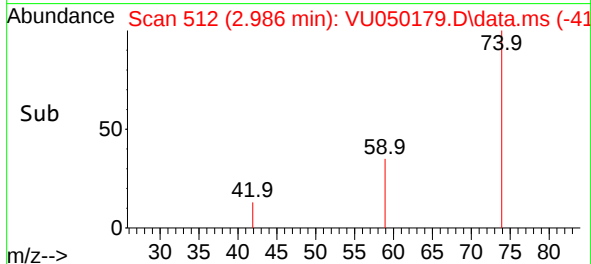
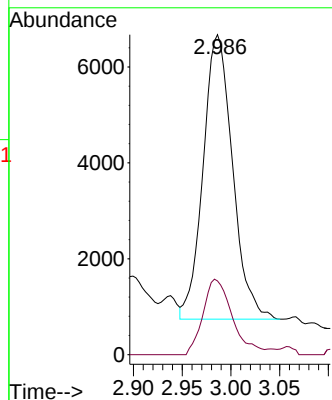
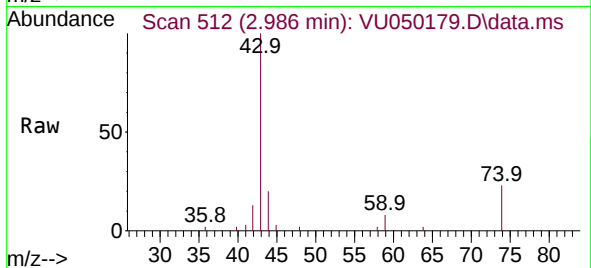




#15
Methyl Acetate
Concen: 5.370 ug/L
RT: 2.986 min Scan# 512
Delta R.T. 0.029 min
Lab File: VU050179.D
Acq: 09 Aug 2022 13:17

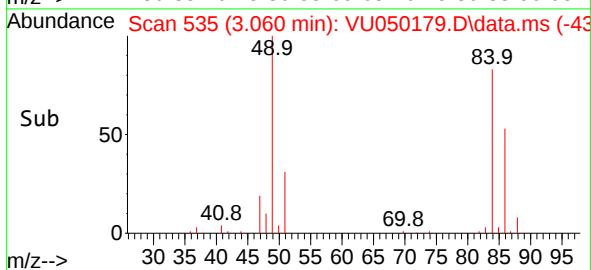
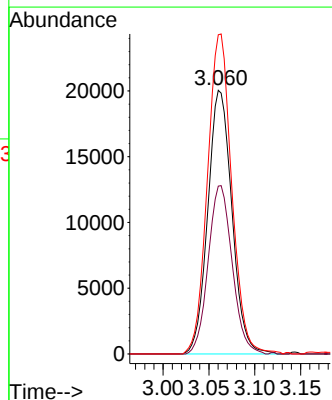
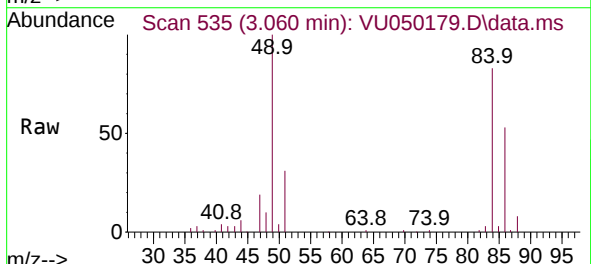
Instrument :
MSVOA_U
ClientSampleId :

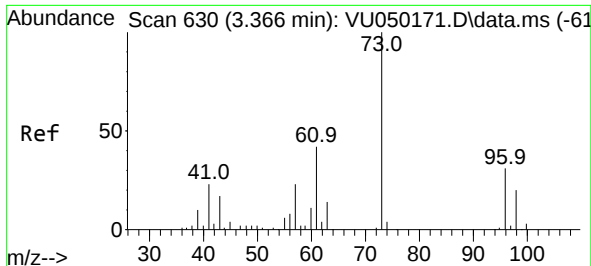
Tgt Ion: 43 Resp: 12495
Ion Ratio Lower Upper
43 100
74 26.4 22.7 34.1



#16
Methylene chloride
Concen: 4.614 ug/L
RT: 3.060 min Scan# 535
Delta R.T. 0.016 min
Lab File: VU050179.D
Acq: 09 Aug 2022 13:17

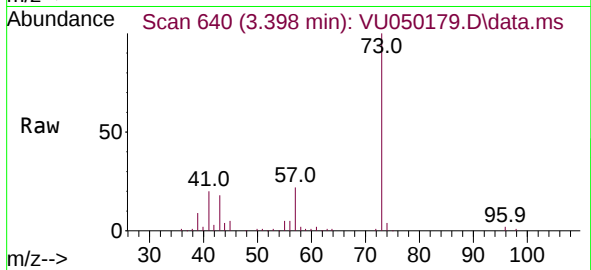
Tgt Ion: 84 Resp: 36744
Ion Ratio Lower Upper
84 100
86 63.6 45.9 85.3
49 121.1 77.6 144.0



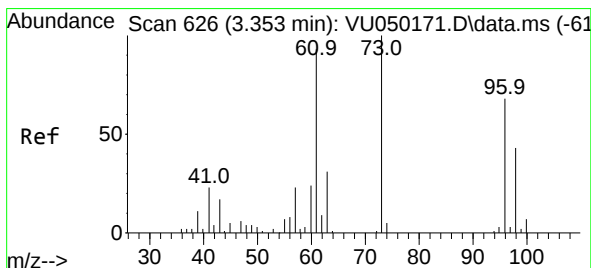
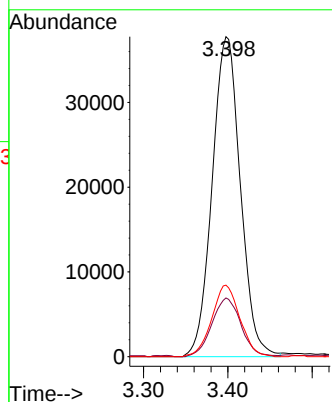
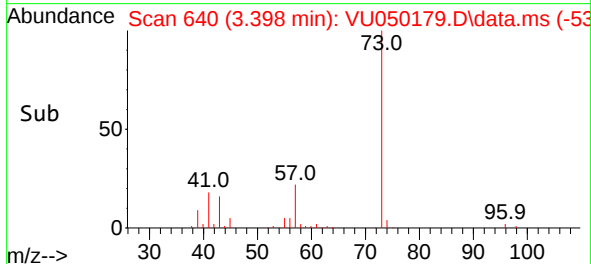


#17
Methyl tert-butyl Ether
Concen: 6.437 ug/L
RT: 3.398 min Scan# 640
Delta R.T. 0.029 min
Lab File: VU050179.D
Acq: 09 Aug 2022 13:17

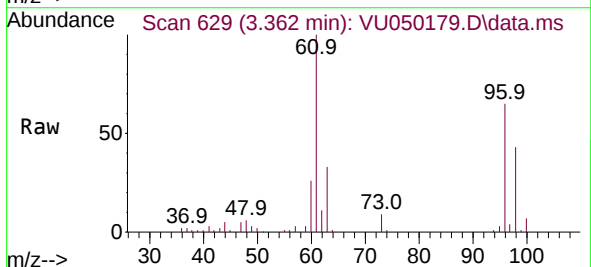
Instrument :
MSVOA_U
ClientSampleId :



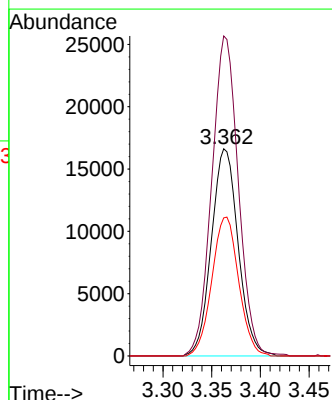
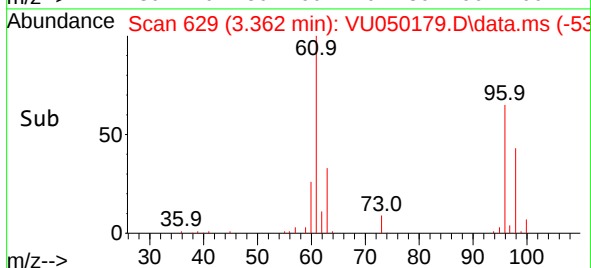
Tgt Ion: 73 Resp: 87557
Ion Ratio Lower Upper
73 100
43 19.0 13.5 20.3
57 22.3 17.4 26.2

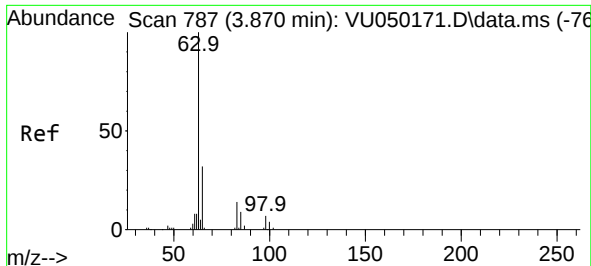


#18
trans-1,2-Dichloroethene
Concen: 5.442 ug/L
RT: 3.362 min Scan# 629
Delta R.T. 0.013 min
Lab File: VU050179.D
Acq: 09 Aug 2022 13:17



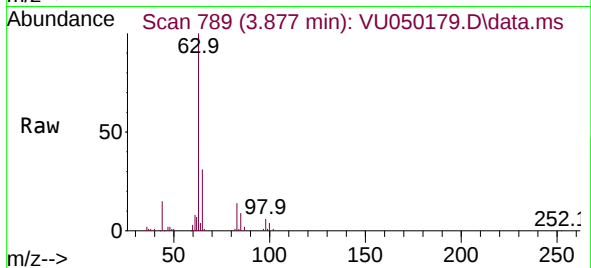
Tgt Ion: 96 Resp: 31759
Ion Ratio Lower Upper
96 100
61 154.4 92.3 171.5
98 66.6 43.2 80.2



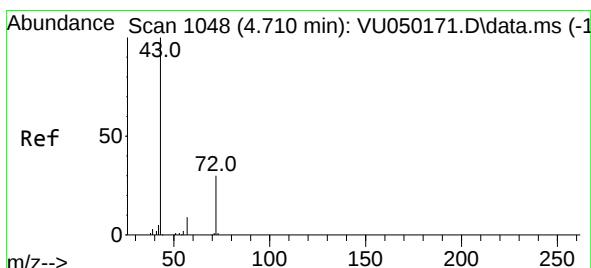
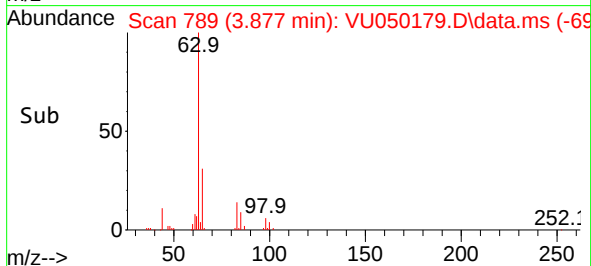
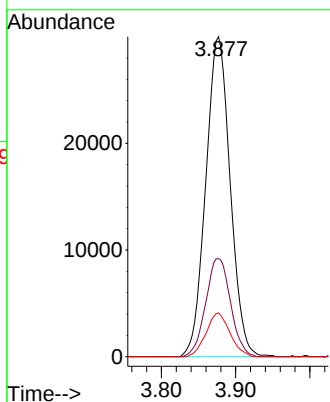


#19
1,1-Dichloroethane
Concen: 6.208 ug/L
RT: 3.877 min Scan# 71
Delta R.T. 0.009 min
Lab File: VU050179.D
Acq: 09 Aug 2022 13:17

Instrument :
MSVOA_U
ClientSampleId :

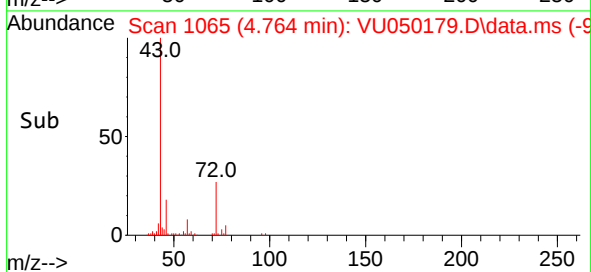
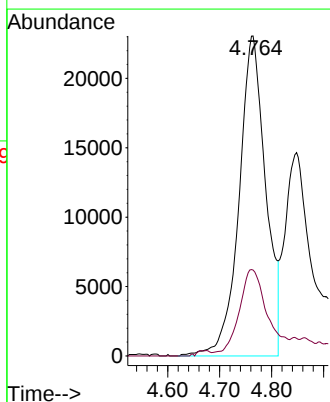
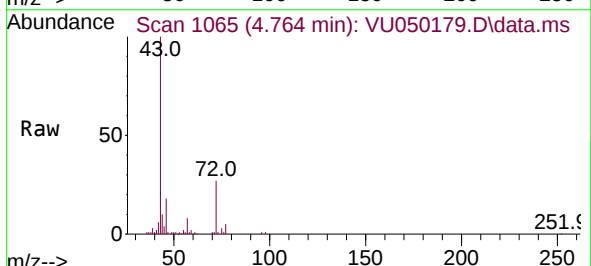


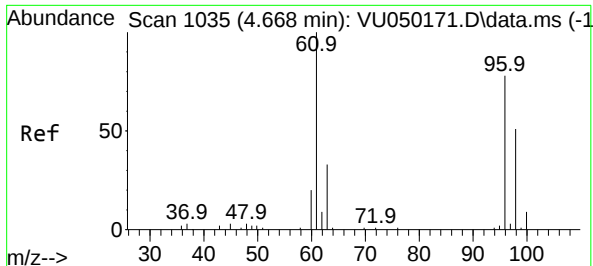
Tgt Ion: 63 Resp: 68603
Ion Ratio Lower Upper
63 100
65 30.6 22.7 42.3
83 13.6 9.8 18.2



#21
2-Butanone
Concen: 53.675 ug/L
RT: 4.764 min Scan# 1065
Delta R.T. 0.048 min
Lab File: VU050179.D
Acq: 09 Aug 2022 13:17

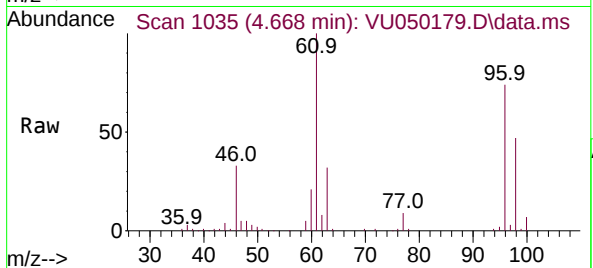
Tgt Ion: 43 Resp: 82254
Ion Ratio Lower Upper
43 100
72 26.5 14.0 42.0



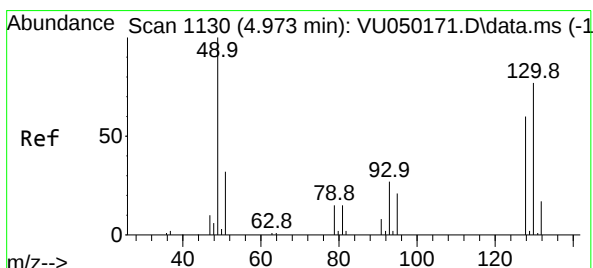
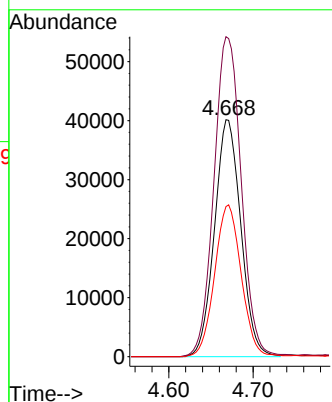
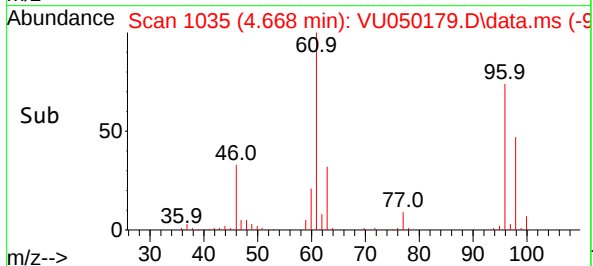


#22
 cis-1,2-Dichloroethene
 Concen: 13.456 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.000 min
 Lab File: VU050179.D
 Acq: 09 Aug 2022 13:17

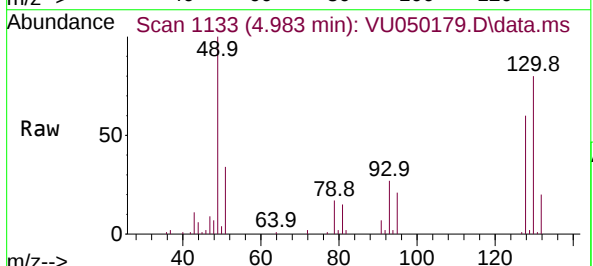
Instrument :
 MSVOA_U
 ClientSampleId :



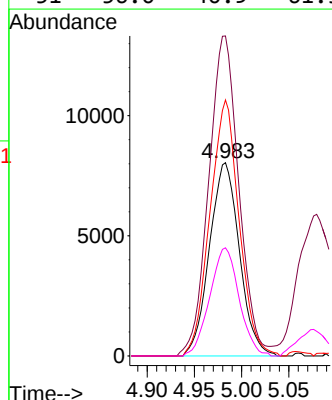
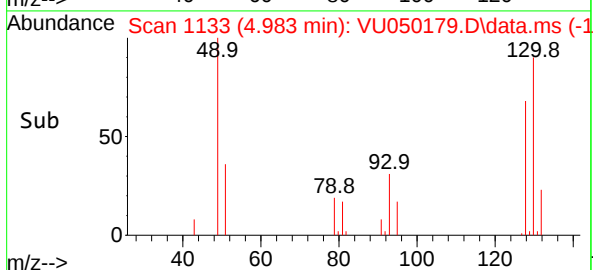
Tgt Ion: 96 Resp: 87157
 Ion Ratio Lower Upper
 96 100
 61 135.1 89.0 165.4
 98 63.4 45.2 84.0

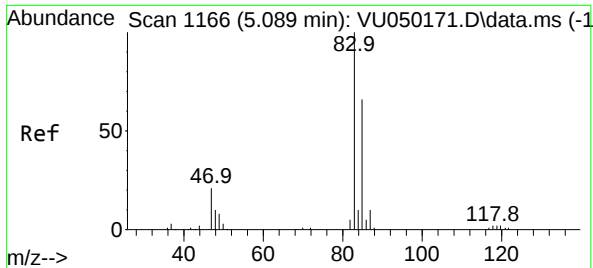


#23
 Bromochloromethane
 Concen: 5.722 ug/L
 RT: 4.983 min Scan# 1133
 Delta R.T. 0.006 min
 Lab File: VU050179.D
 Acq: 09 Aug 2022 13:17



Tgt Ion: 128 Resp: 17716
 Ion Ratio Lower Upper
 128 100
 49 165.5 111.4 206.8
 130 132.4 90.2 167.4
 51 56.0 40.9 61.3





#25

Chloroform

Concen: 5.827 ug/L

RT: 5.099 min Scan# 1166

Delta R.T. 0.009 min

Lab File: VU050179.D

Acq: 09 Aug 2022 13:17

Instrument :

MSVOA_U

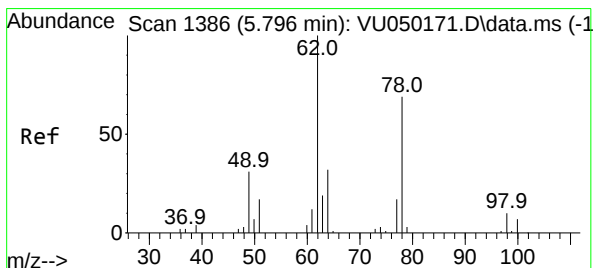
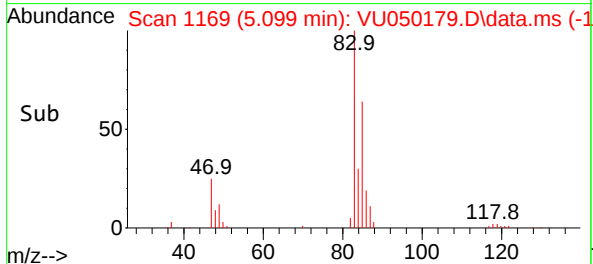
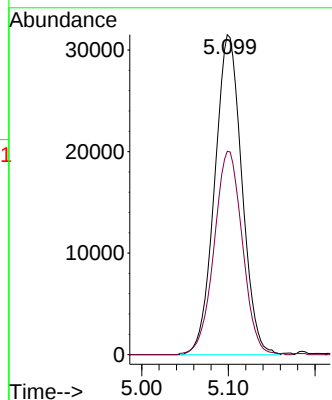
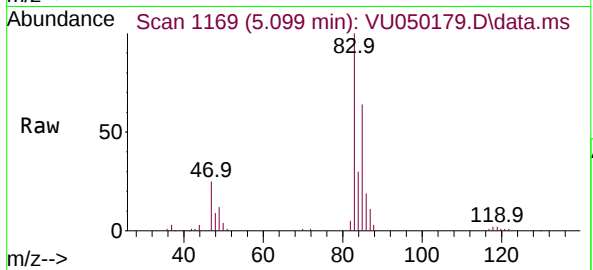
ClientSampleId :

Tgt Ion: 83 Resp: 68651

Ion Ratio Lower Upper

83 100

85 63.5 46.1 85.5



#27

1,2-Dichloroethane

Concen: 6.062 ug/L

RT: 5.841 min Scan# 1400

Delta R.T. 0.045 min

Lab File: VU050179.D

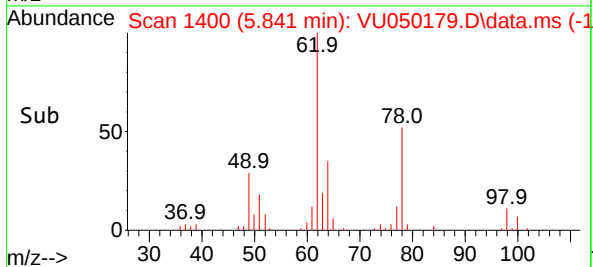
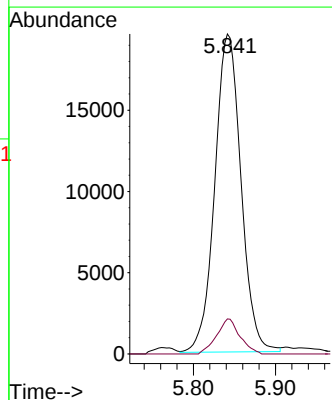
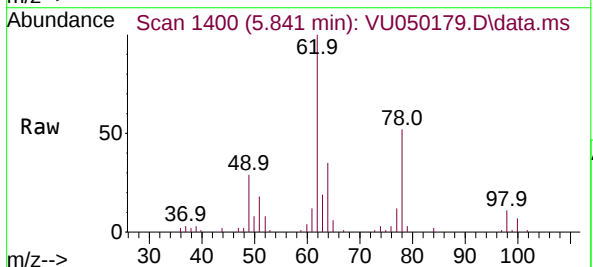
Acq: 09 Aug 2022 13:17

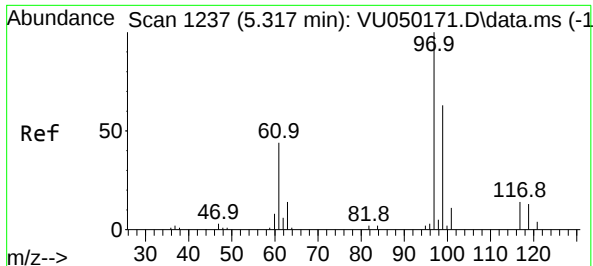
Tgt Ion: 62 Resp: 43464

Ion Ratio Lower Upper

62 100

98 10.9 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.653 ug/L

RT: 5.330 min Scan# 11

Delta R.T. 0.013 min

Lab File: VU050179.D

Acq: 09 Aug 2022 13:17

Instrument :

MSVOA_U

ClientSampleId :

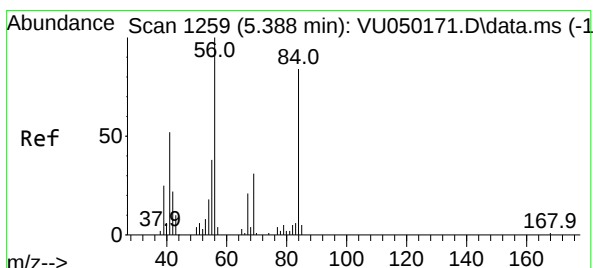
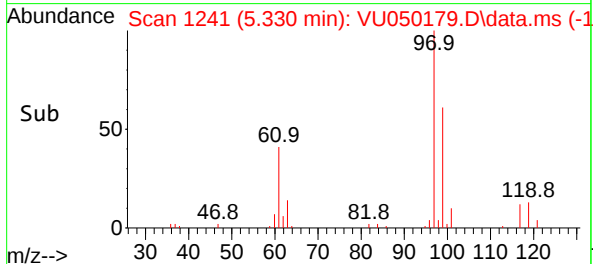
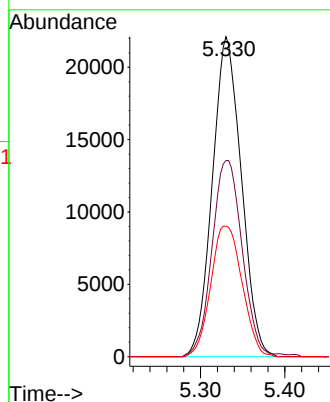
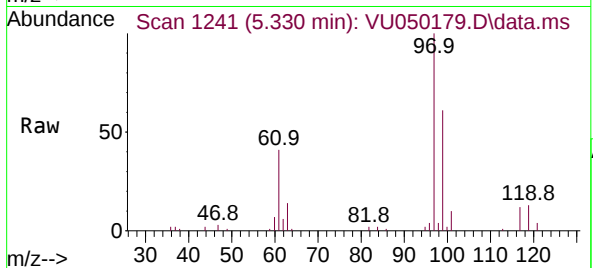
Tgt Ion: 97 Resp: 52812

Ion Ratio Lower Upper

97 100

99 63.8 51.5 77.3

61 44.1 34.2 51.4



#30

Cyclohexane

Concen: 5.252 ug/L

RT: 5.401 min Scan# 1263

Delta R.T. 0.013 min

Lab File: VU050179.D

Acq: 09 Aug 2022 13:17

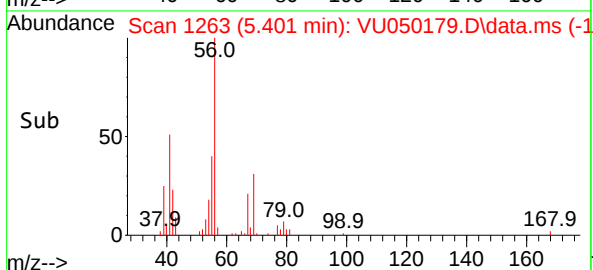
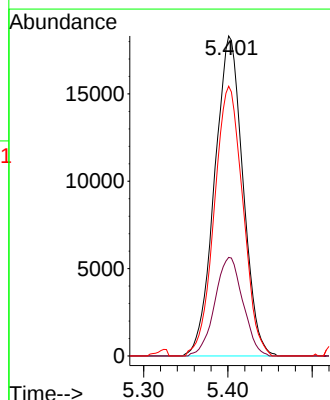
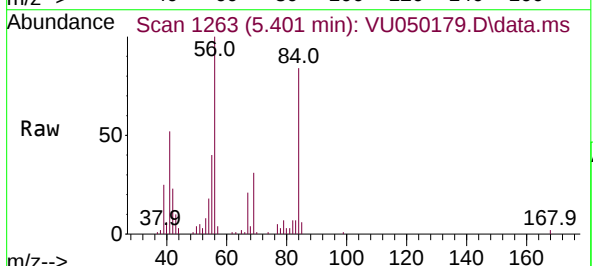
Tgt Ion: 56 Resp: 42749

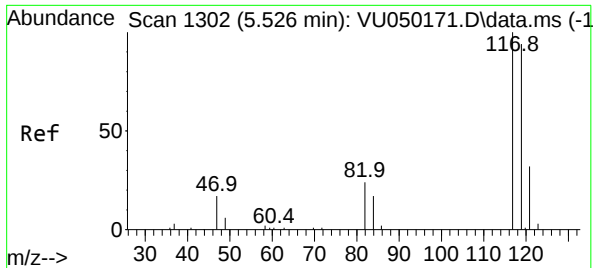
Ion Ratio Lower Upper

56 100

69 30.4 24.6 37.0

84 85.0 69.1 103.7

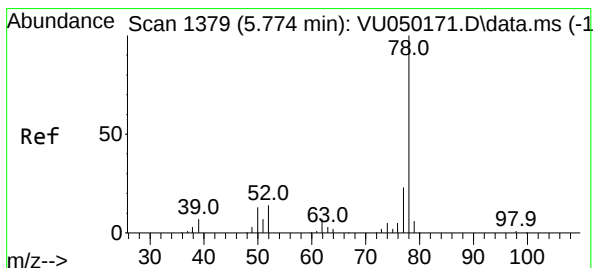
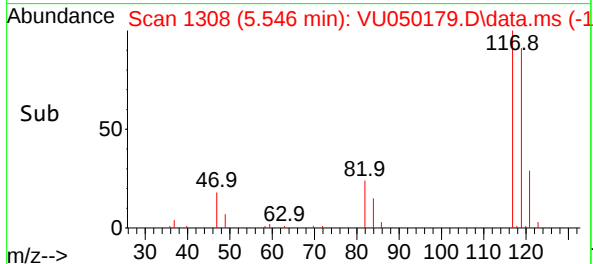
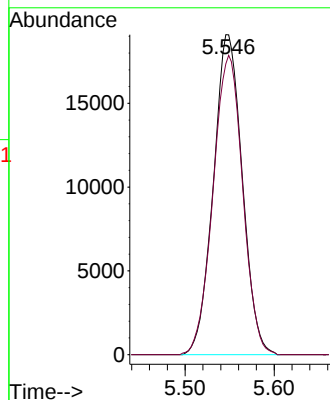
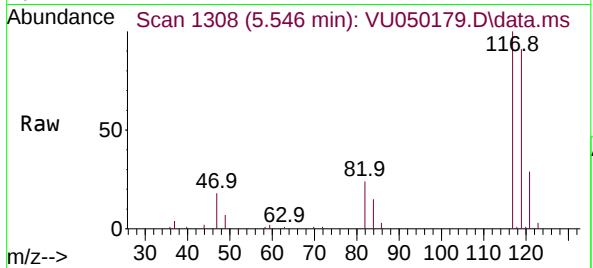




#31
Carbon tetrachloride
Concen: 5.623 ug/L
RT: 5.546 min Scan# 117
Delta R.T. 0.022 min
Lab File: VU050179.D
Acq: 09 Aug 2022 13:17

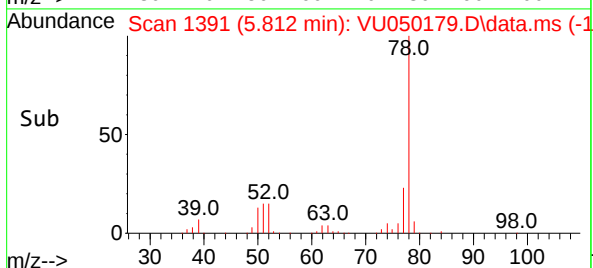
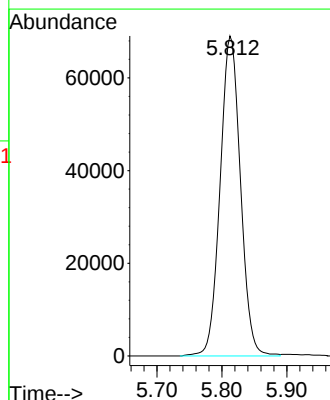
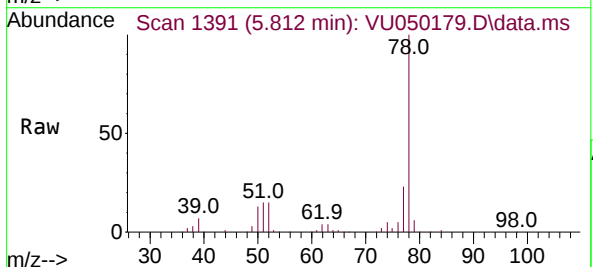
Instrument :
MSVOA_U
ClientSampleId :

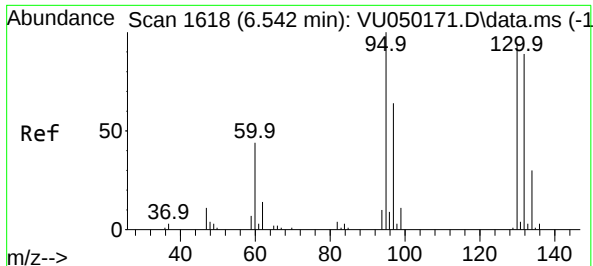
Tgt Ion:117 Resp: 43066
Ion Ratio Lower Upper
117 100
119 95.8 76.0 114.0



#33
Benzene
Concen: 5.623 ug/L
RT: 5.812 min Scan# 1391
Delta R.T. 0.038 min
Lab File: VU050179.D
Acq: 09 Aug 2022 13:17

Tgt Ion: 78 Resp: 150035



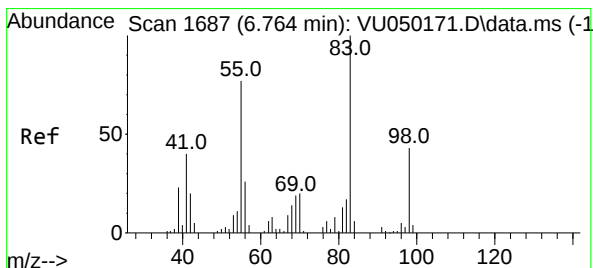
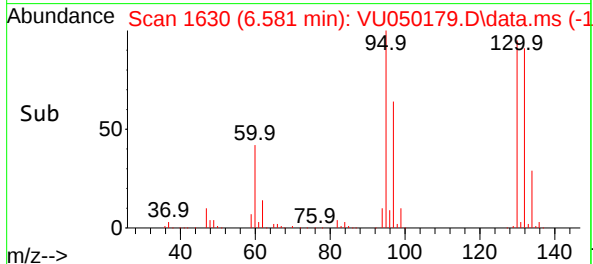
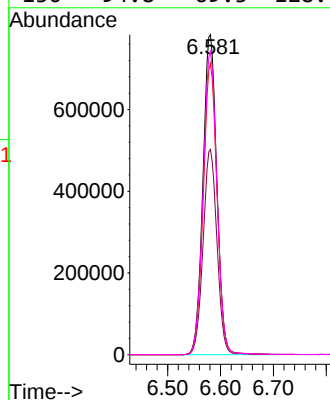
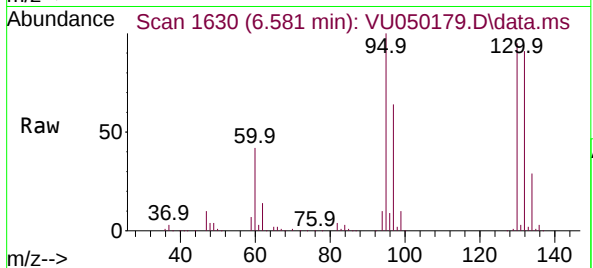


#34
Trichloroethene
Concen: 221.593 ug/L
RT: 6.581 min Scan# 1630
Delta R.T. 0.038 min
Lab File: VU050179.D
Acq: 09 Aug 2022 13:17

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 1430039

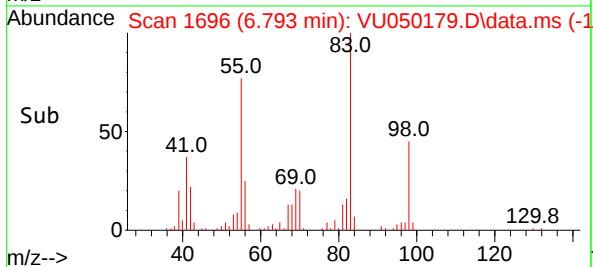
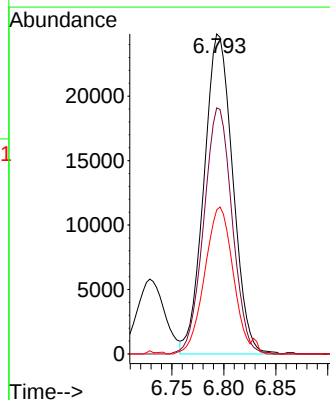
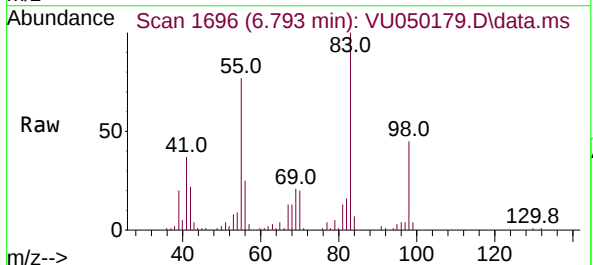
Ion	Ratio	Lower	Upper
95	100		
97	64.1	45.6	84.8
132	91.0	65.0	120.6
130	94.8	69.3	128.7

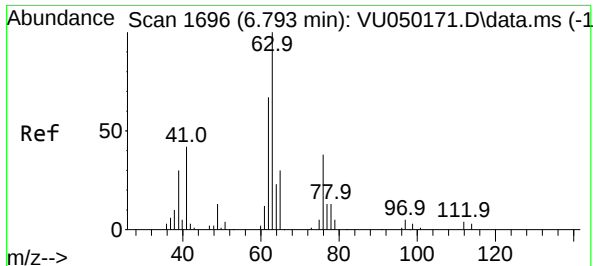


#35
Methylcyclohexane
Concen: 5.745 ug/L
RT: 6.793 min Scan# 1696
Delta R.T. 0.029 min
Lab File: VU050179.D
Acq: 09 Aug 2022 13:17

Tgt Ion: 83 Resp: 47857

Ion	Ratio	Lower	Upper
83	100		
55	75.8	62.7	94.1
98	46.0	36.2	54.2





#37

1,2-Dichloropropane

Concen: 5.689 ug/L

RT: 6.828 min Scan# 1

Delta R.T. 0.035 min

Lab File: VU050179.D

Acq: 09 Aug 2022 13:17

Instrument :

MSVOA_U

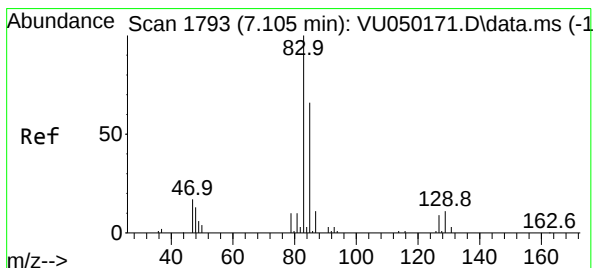
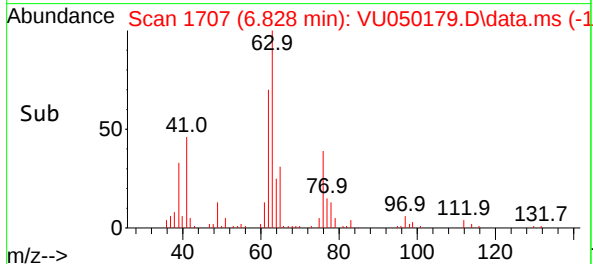
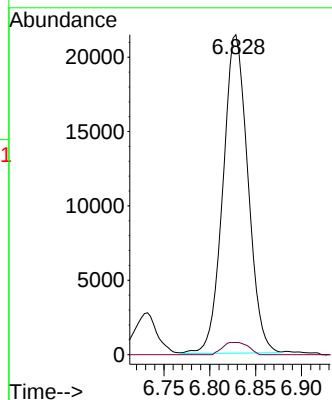
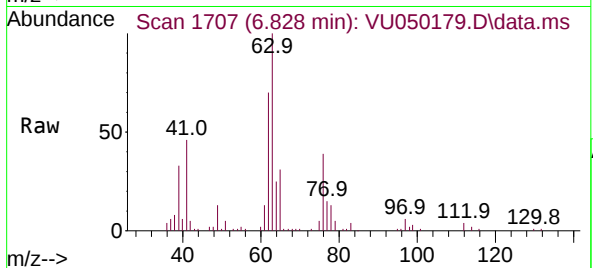
ClientSampleId :

Tgt Ion: 63 Resp: 40435

Ion Ratio Lower Upper

63 100

112 3.9 3.0 4.4



#38

Bromodichloromethane

Concen: 5.856 ug/L

RT: 7.137 min Scan# 1803

Delta R.T. 0.029 min

Lab File: VU050179.D

Acq: 09 Aug 2022 13:17

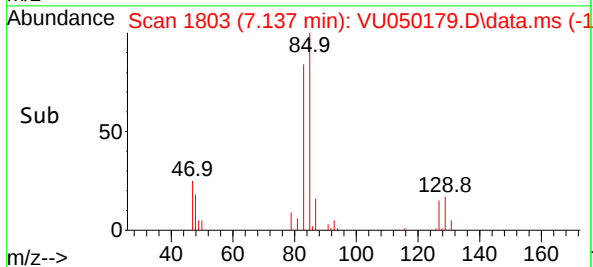
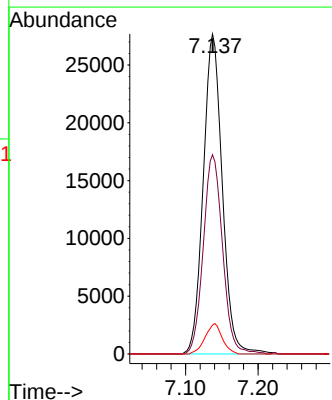
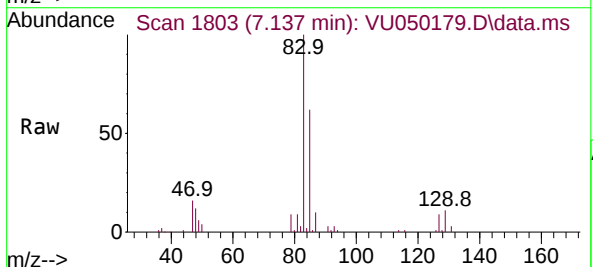
Tgt Ion: 83 Resp: 50555

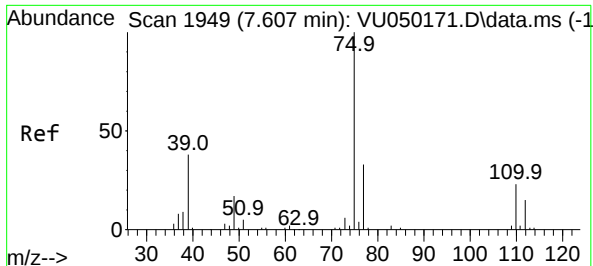
Ion Ratio Lower Upper

83 100

85 62.3 45.1 83.7

127 9.1 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 5.516 ug/L

RT: 7.632 min Scan# 1949

Delta R.T. 0.022 min

Lab File: VU050179.D

Acq: 09 Aug 2022 13:17

Instrument :

MSVOA_U

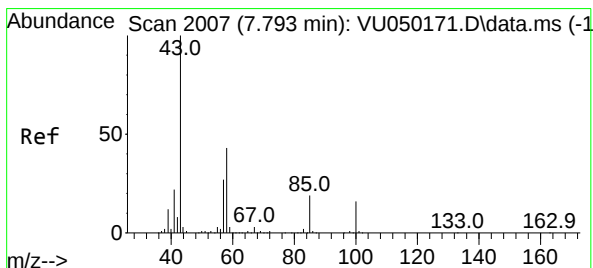
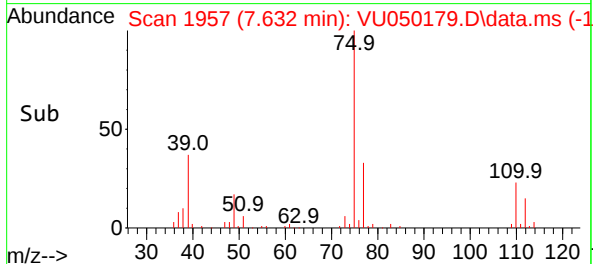
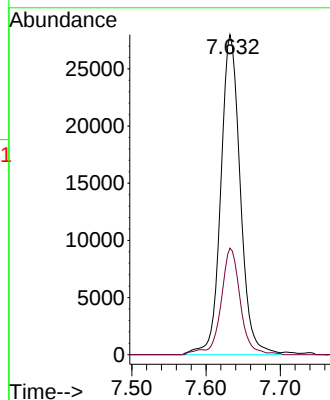
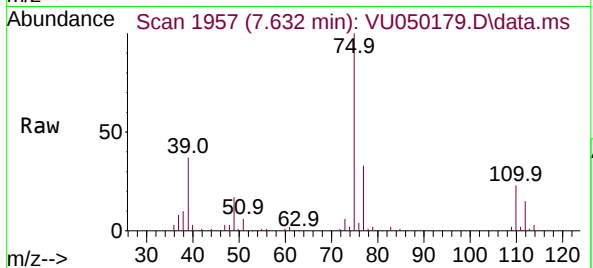
ClientSampleId :

Tgt Ion: 75 Resp: 51163

Ion Ratio Lower Upper

75 100

77 33.3 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 59.712 ug/L

RT: 7.822 min Scan# 2016

Delta R.T. 0.029 min

Lab File: VU050179.D

Acq: 09 Aug 2022 13:17

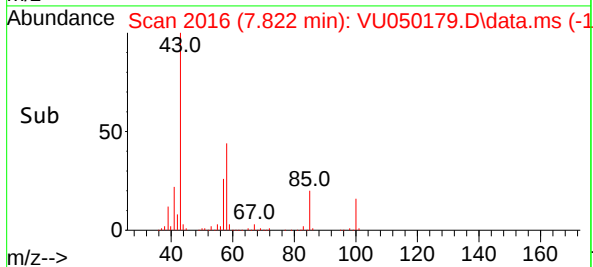
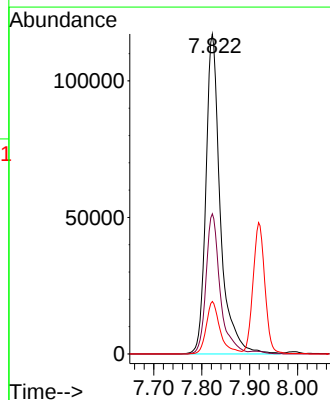
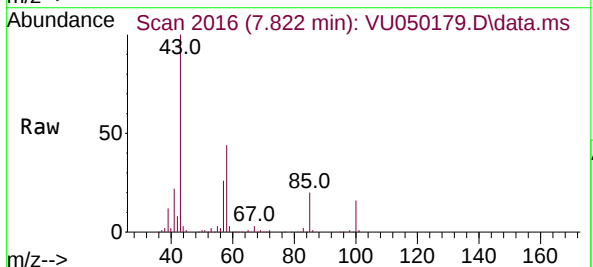
Tgt Ion: 43 Resp: 245818

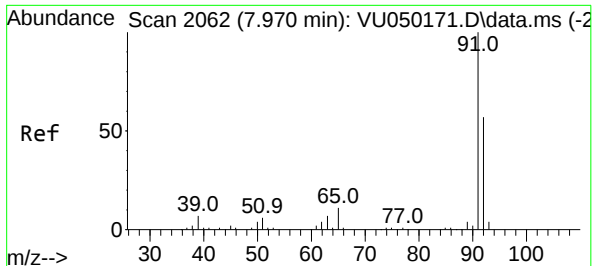
Ion Ratio Lower Upper

43 100

58 42.8 34.6 51.8

100 15.8 13.0 19.4

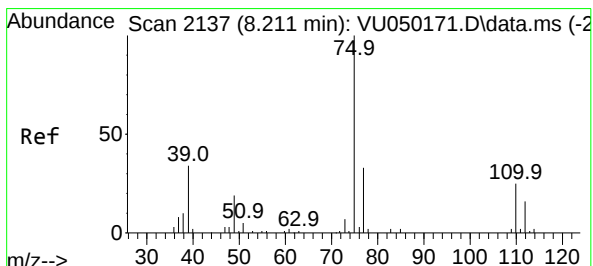
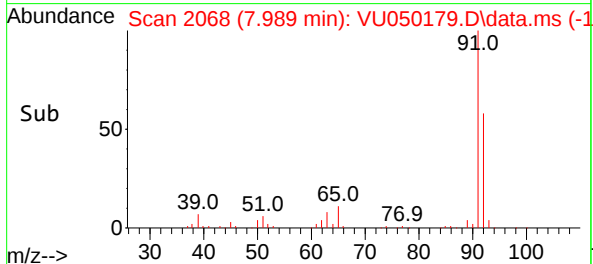
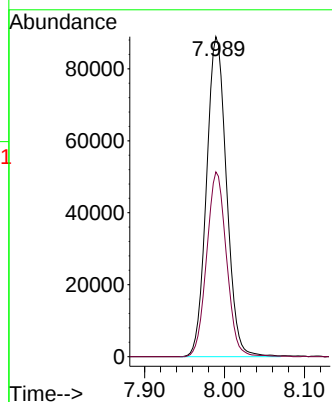
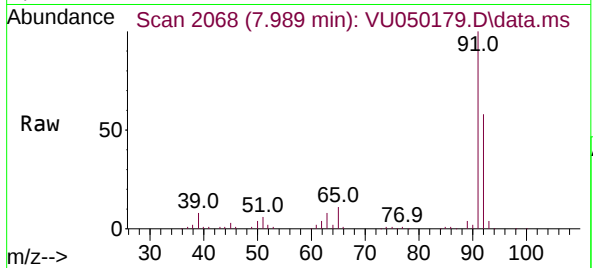




#42
Toluene
Concen: 5.783 ug/L
RT: 7.989 min Scan# 2062
Delta R.T. 0.019 min
Lab File: VU050179.D
Acq: 09 Aug 2022 13:17

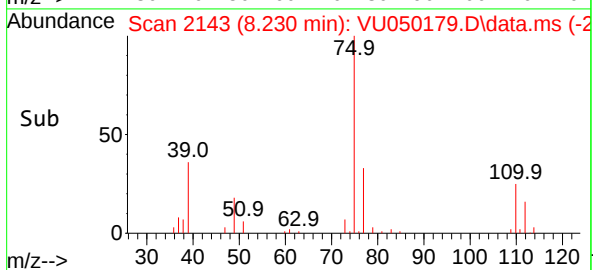
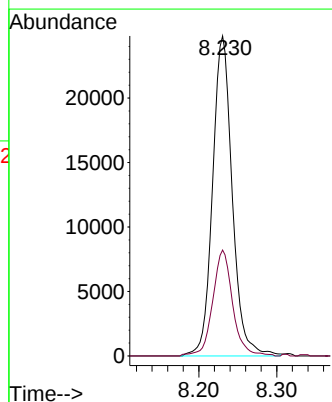
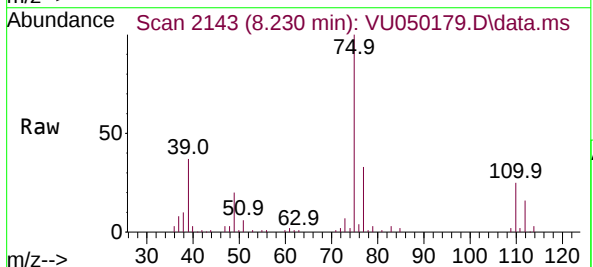
Instrument :
MSVOA_U
ClientSampleId :

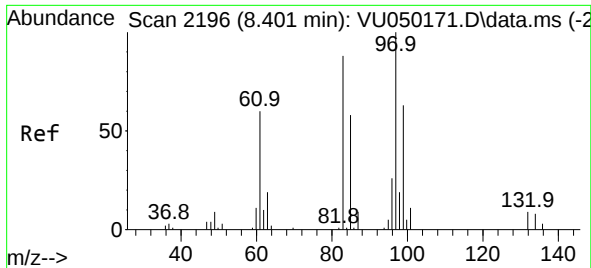
Tgt Ion: 91 Resp: 154764
Ion Ratio Lower Upper
91 100
92 57.8 39.8 74.0



#44
trans-1,3-Dichloropropene
Concen: 5.475 ug/L
RT: 8.230 min Scan# 2143
Delta R.T. 0.019 min
Lab File: VU050179.D
Acq: 09 Aug 2022 13:17

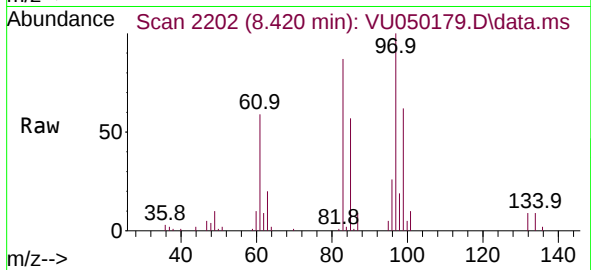
Tgt Ion: 75 Resp: 43558
Ion Ratio Lower Upper
75 100
77 33.1 22.0 40.8





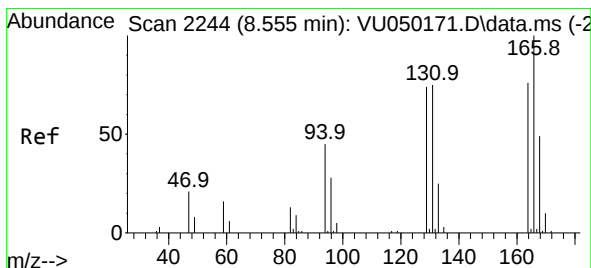
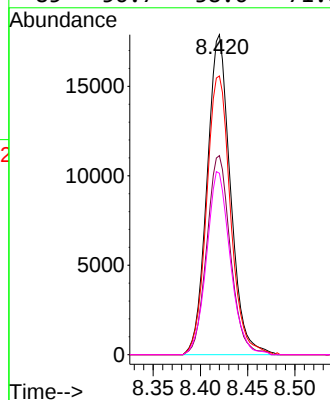
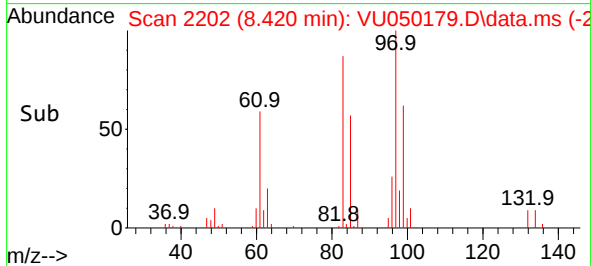
#45
1,1,2-Trichloroethane
Concen: 5.800 ug/L
RT: 8.420 min Scan# 2196
Delta R.T. 0.019 min
Lab File: VU050179.D
Acq: 09 Aug 2022 13:17

Instrument :
MSVOA_U
ClientSampleId :

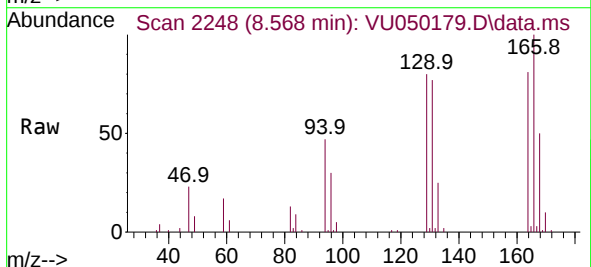


Tgt Ion: 97 Resp: 30817

Ion	Ratio	Lower	Upper
97	100		
99	62.2	42.2	78.4
83	87.1	59.6	110.6
85	56.7	38.6	71.8

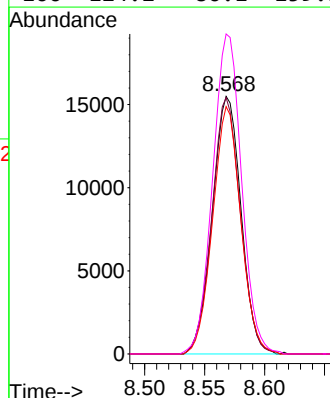
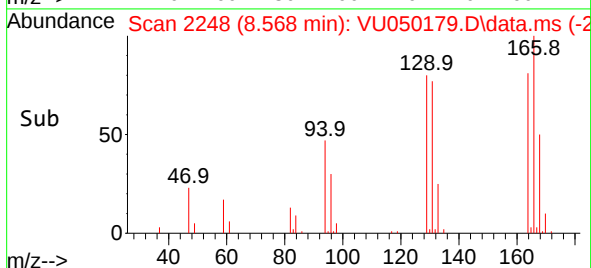


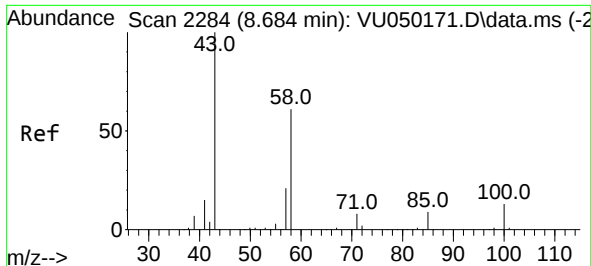
#47
Tetrachloroethene
Concen: 5.562 ug/L
RT: 8.568 min Scan# 2248
Delta R.T. 0.013 min
Lab File: VU050179.D
Acq: 09 Aug 2022 13:17



Tgt Ion: 164 Resp: 25719

Ion	Ratio	Lower	Upper
164	100		
129	99.5	69.0	128.1
131	96.0	65.8	122.2
166	124.2	86.1	159.9



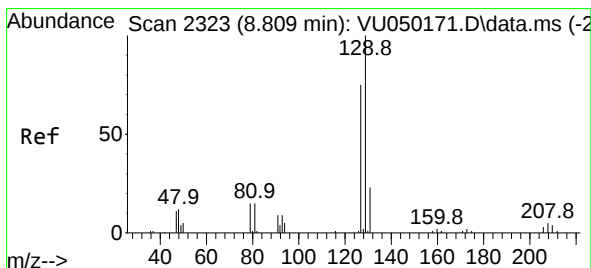
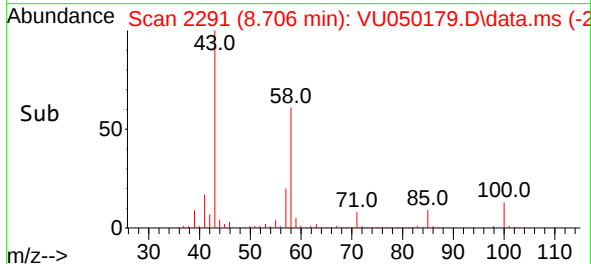
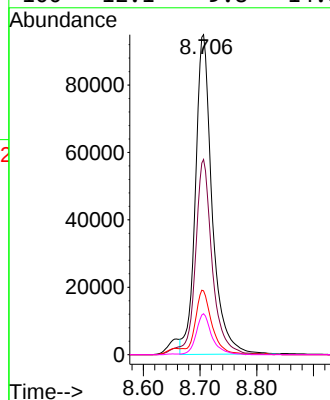
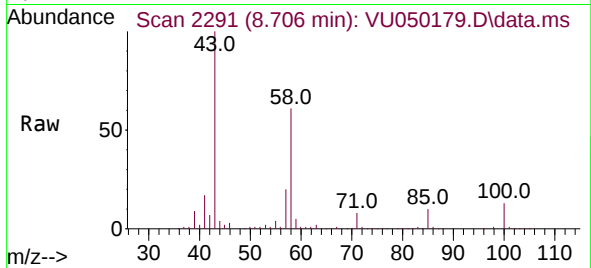


#48
2-Hexanone
Concen: 60.943 ug/L
RT: 8.706 min Scan# 21
Delta R.T. 0.019 min
Lab File: VU050179.D
Acq: 09 Aug 2022 13:17

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 194044

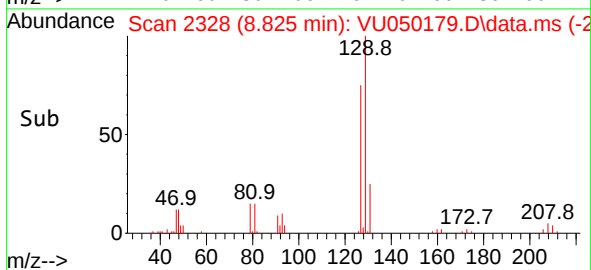
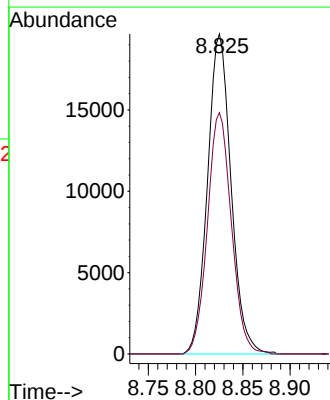
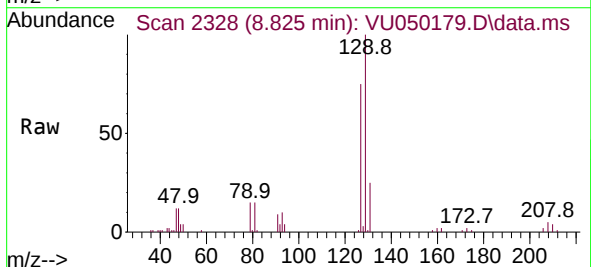
Ion	Ratio	Lower	Upper
43	100		
58	62.2	50.6	76.0
57	19.6	16.0	24.0
100	12.1	9.8	14.8

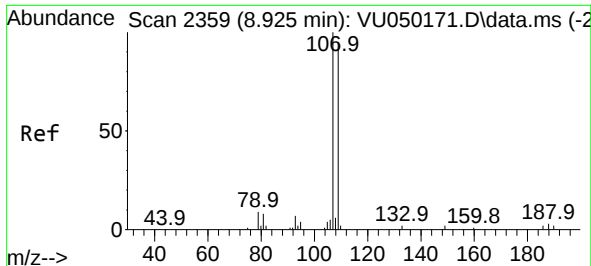


#49
Dibromochloromethane
Concen: 5.801 ug/L
RT: 8.825 min Scan# 2328
Delta R.T. 0.013 min
Lab File: VU050179.D
Acq: 09 Aug 2022 13:17

Tgt Ion: 129 Resp: 34111

Ion	Ratio	Lower	Upper
129	100		
127	75.4	55.3	102.7





#50

1,2-Dibromoethane

Concen: 5.870 ug/L

RT: 8.938 min Scan# 21

Delta R.T. 0.013 min

Lab File: VU050179.D

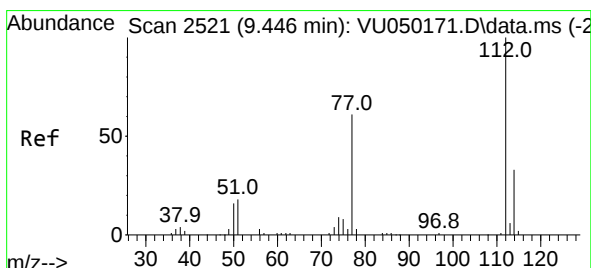
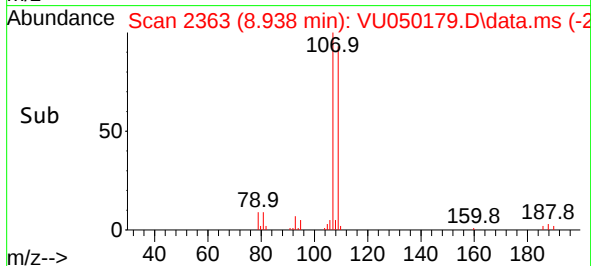
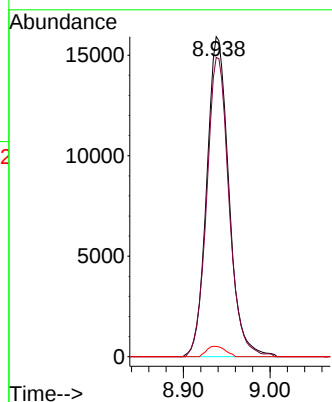
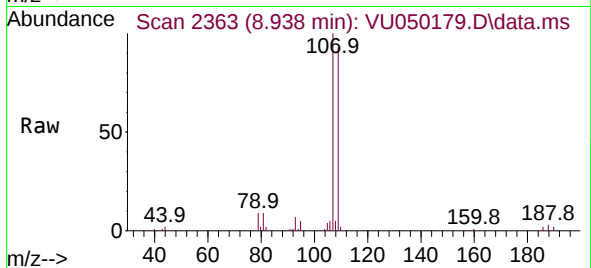
Acq: 09 Aug 2022 13:17

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	28276
Ion	Ratio	Lower	Upper
107	100		
109	93.5	66.6	123.6
188	3.2	2.7	4.1



#51

Chlorobenzene

Concen: 5.445 ug/L

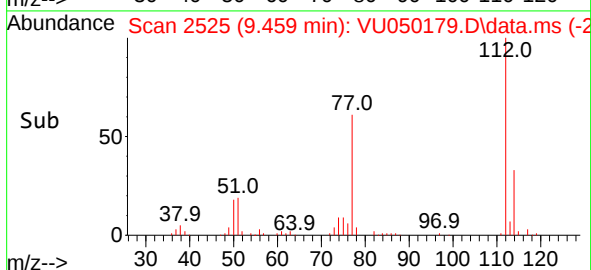
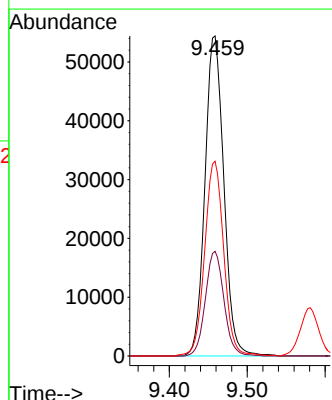
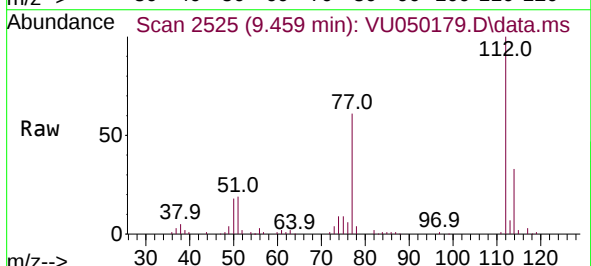
RT: 9.459 min Scan# 2525

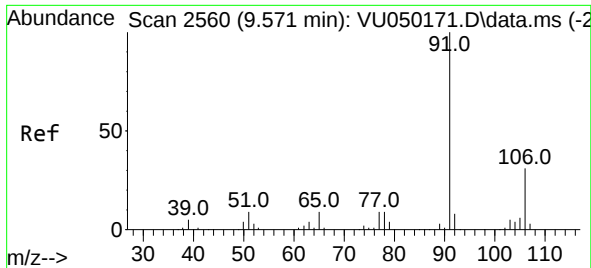
Delta R.T. 0.009 min

Lab File: VU050179.D

Acq: 09 Aug 2022 13:17

Tgt Ion:	112	Resp:	91677
Ion	Ratio	Lower	Upper
112	100		
114	32.7	22.1	41.1
77	60.9	46.3	69.5

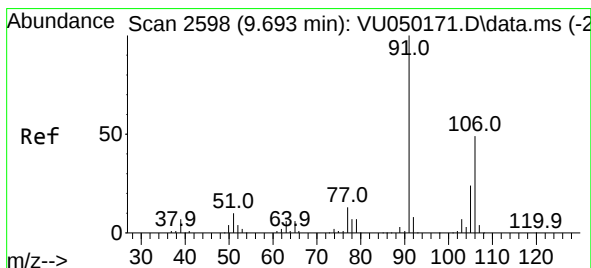
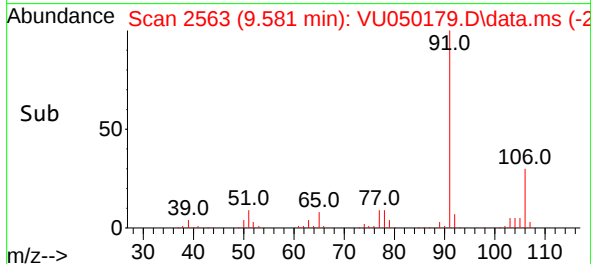
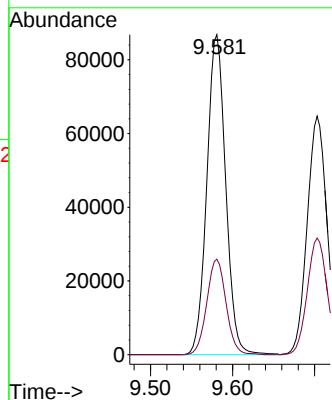
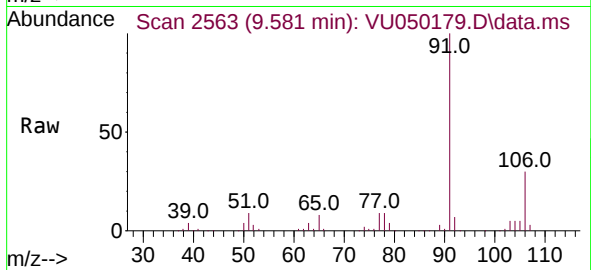




#52
Ethylbenzene
Concen: 5.321 ug/L
RT: 9.581 min Scan# 2560
Delta R.T. 0.009 min
Lab File: VU050179.D
Acq: 09 Aug 2022 13:17

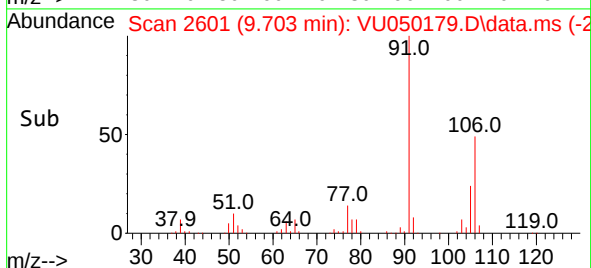
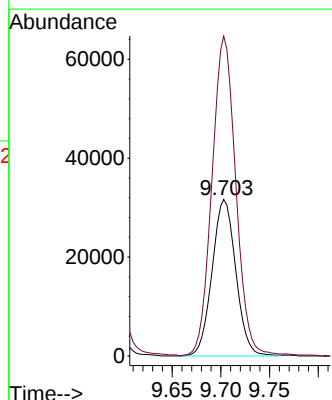
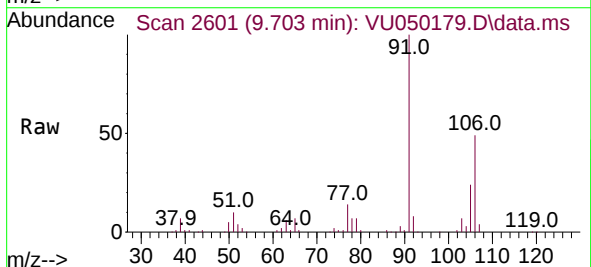
Instrument :
MSVOA_U
ClientSampleId :

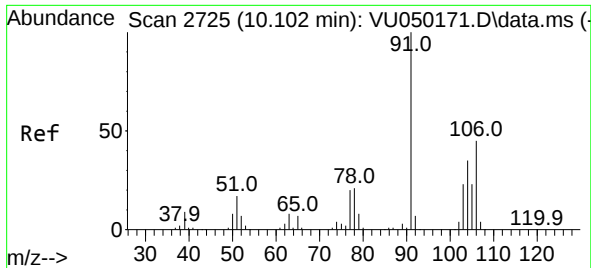
Tgt Ion: 91 Resp: 138938
Ion Ratio Lower Upper
91 100
106 29.8 21.3 39.5



#53
m,p-Xylene
Concen: 5.575 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.009 min
Lab File: VU050179.D
Acq: 09 Aug 2022 13:17

Tgt Ion:106 Resp: 53613
Ion Ratio Lower Upper
106 100
91 204.6 143.1 265.9

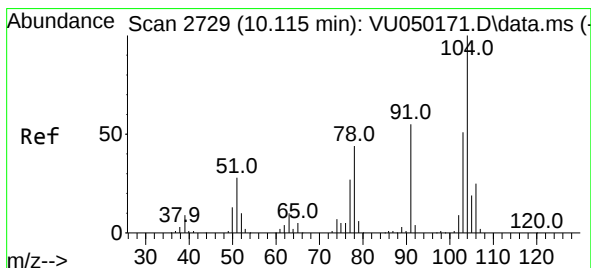
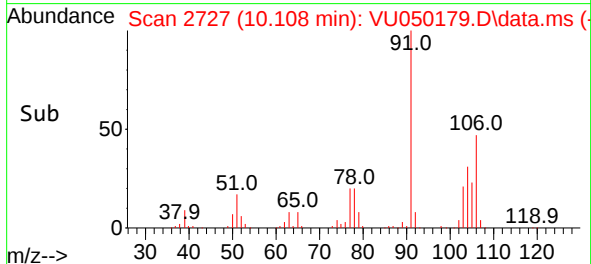
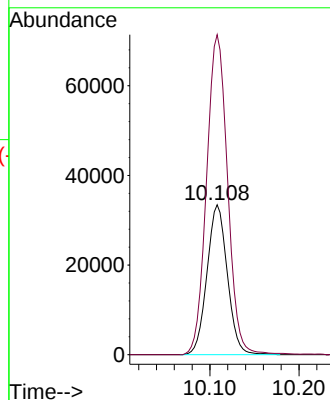
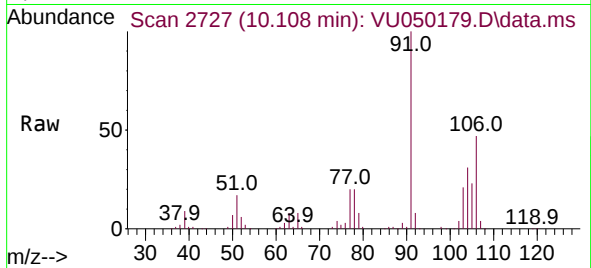




#54
o-Xylene
Concen: 5.534 ug/L
RT: 10.108 min Scan# 2731
Delta R.T. 0.006 min
Lab File: VU050179.D
Acq: 09 Aug 2022 13:17

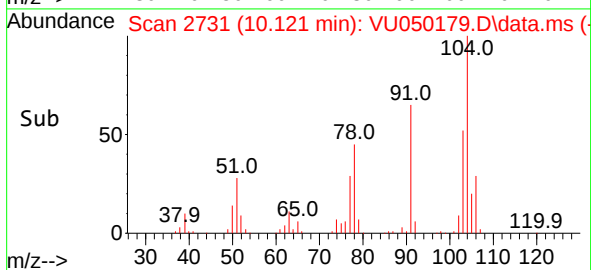
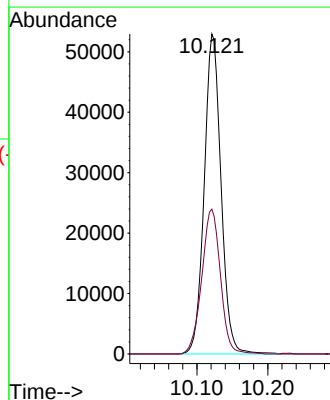
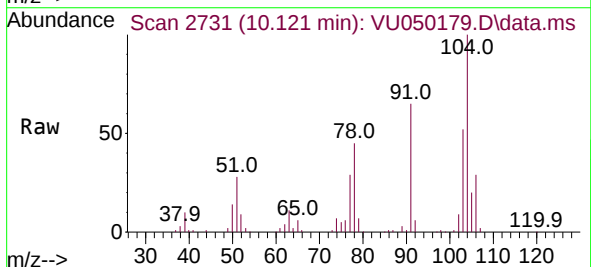
Instrument :
MSVOA_U
ClientSampleId :

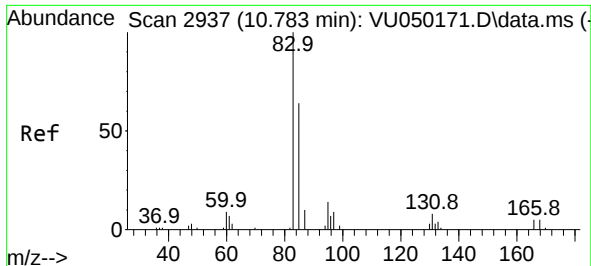
Tgt Ion:106 Resp: 53122
Ion Ratio Lower Upper
106 100
91 213.4 149.4 277.4



#55
Styrene
Concen: 5.447 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.006 min
Lab File: VU050179.D
Acq: 09 Aug 2022 13:17

Tgt Ion:104 Resp: 87355
Ion Ratio Lower Upper
104 100
78 45.2 31.9 59.3





#57

1,1,2,2-Tetrachloroethane

Concen: 5.862 ug/L

RT: 10.787 min Scan# 2937

Delta R.T. 0.003 min

Lab File: VU050179.D

Acq: 09 Aug 2022 13:17

Instrument :

MSVOA_U

ClientSampleId :

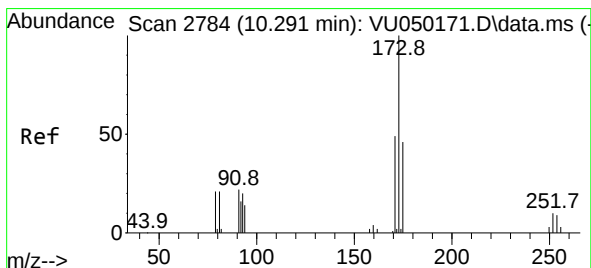
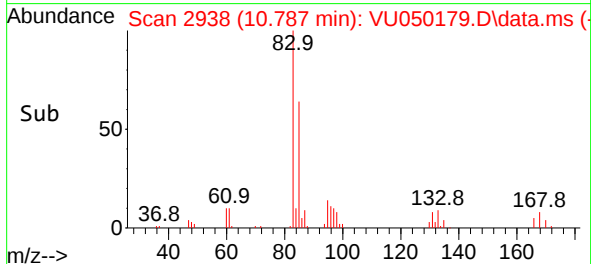
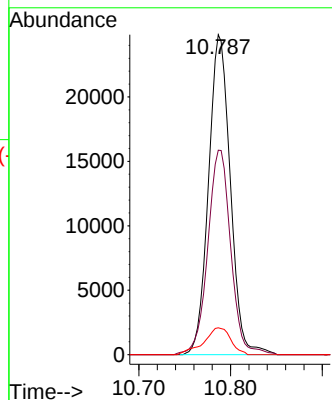
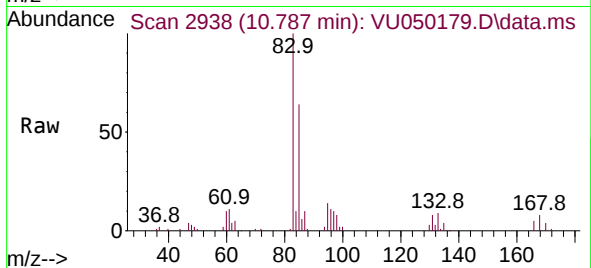
Tgt Ion: 83 Resp: 40925

Ion Ratio Lower Upper

83 100

85 63.9 45.2 84.0

131 8.4 6.6 9.8



#59

Bromoform

Concen: 5.418 ug/L

RT: 10.298 min Scan# 2786

Delta R.T. 0.006 min

Lab File: VU050179.D

Acq: 09 Aug 2022 13:17

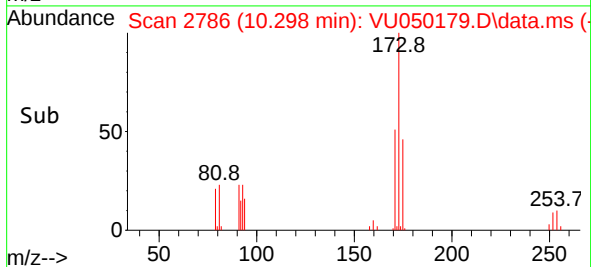
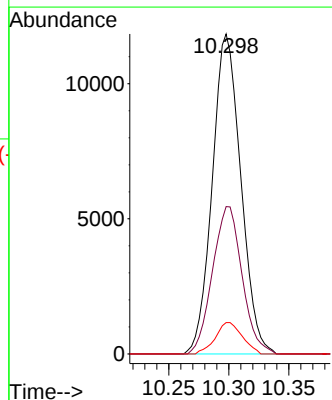
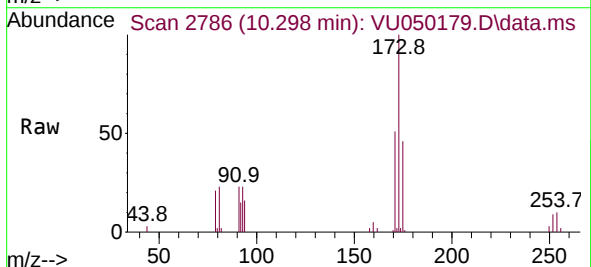
Tgt Ion: 173 Resp: 19572

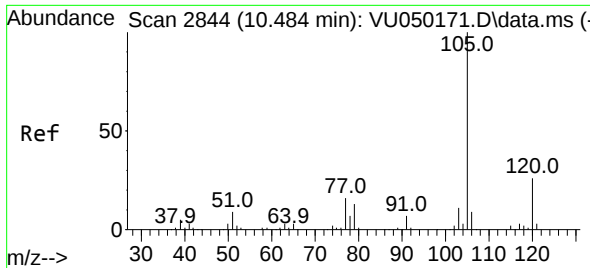
Ion Ratio Lower Upper

173 100

175 47.7 37.0 55.6

254 9.3 7.4 11.0

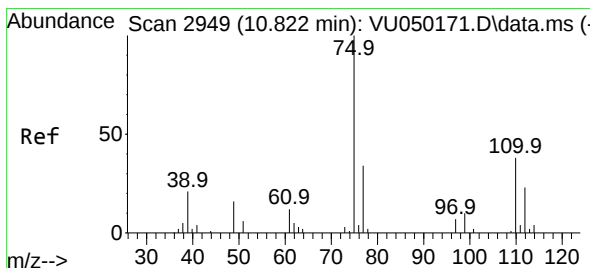
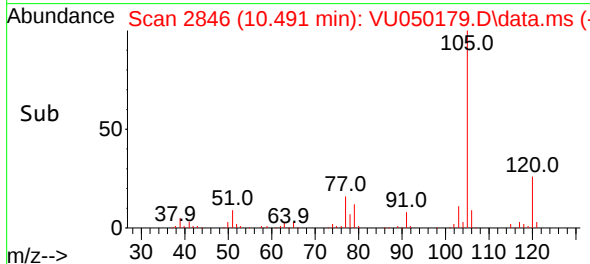
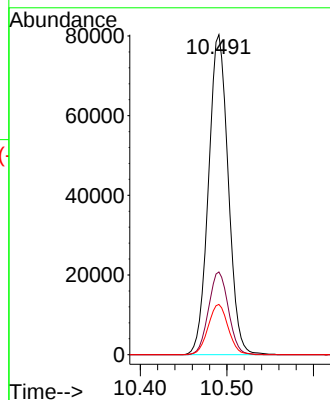
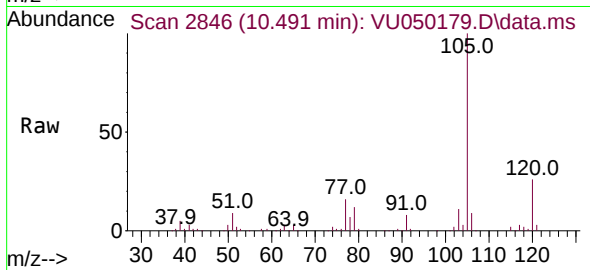




#60
Isopropylbenzene
Concen: 5.273 ug/L
RT: 10.491 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU050179.D
Acq: 09 Aug 2022 13:17

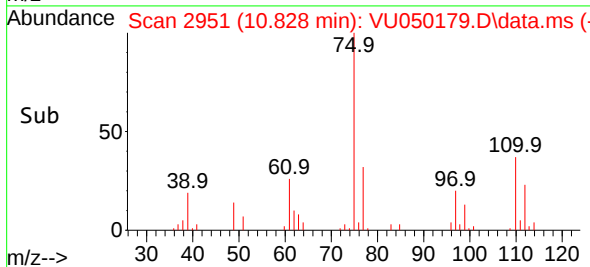
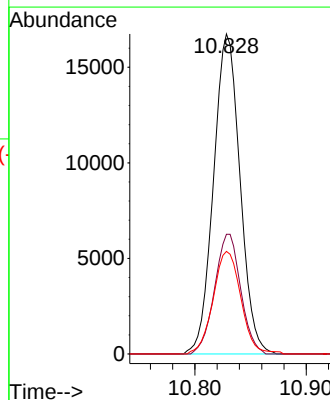
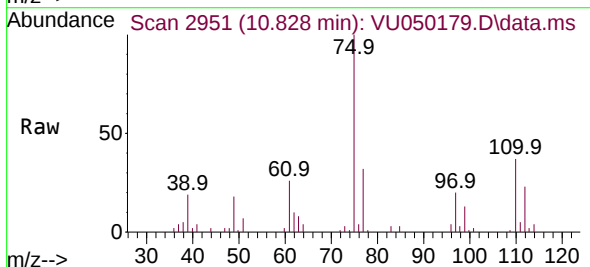
Instrument :
MSVOA_U
ClientSampleId :

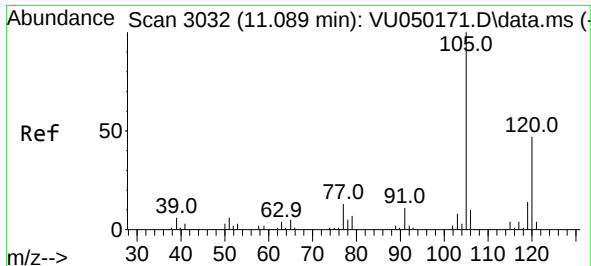
Tgt Ion:105 Resp: 126851
Ion Ratio Lower Upper
105 100
120 26.1 20.8 31.2
77 16.0 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.638 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU050179.D
Acq: 09 Aug 2022 13:17

Tgt Ion: 75 Resp: 27665
Ion Ratio Lower Upper
75 100
110 36.9 28.5 42.7
77 33.6 25.8 38.6





#62

1,3,5-Trimethylbenzene

Concen: 5.080 ug/L

RT: 11.092 min Scan# 3032

Delta R.T. 0.003 min

Lab File: VU050179.D

Acq: 09 Aug 2022 13:17

Instrument :

MSVOA_U

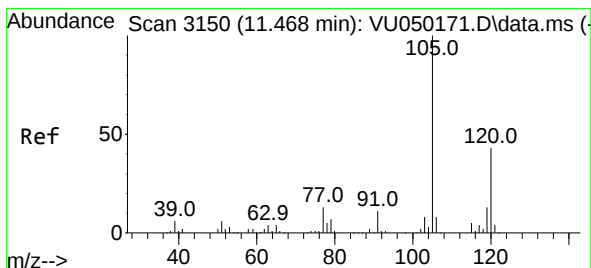
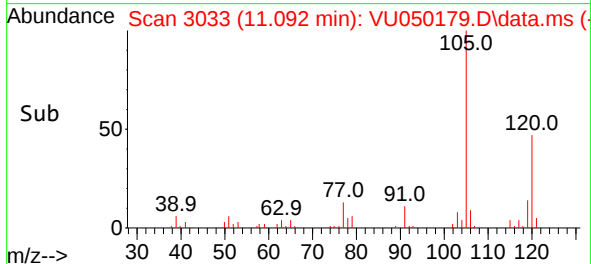
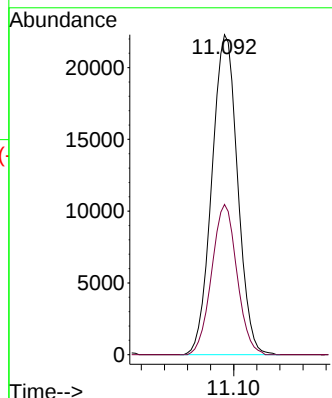
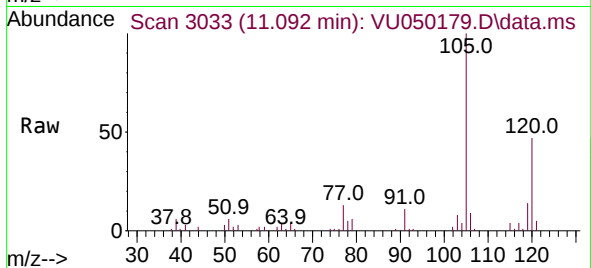
ClientSampleId :

Tgt Ion:105 Resp: 34526

Ion Ratio Lower Upper

105 100

120 46.0 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 5.028 ug/L

RT: 11.471 min Scan# 3151

Delta R.T. 0.003 min

Lab File: VU050179.D

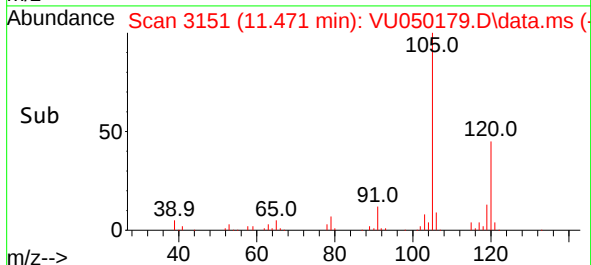
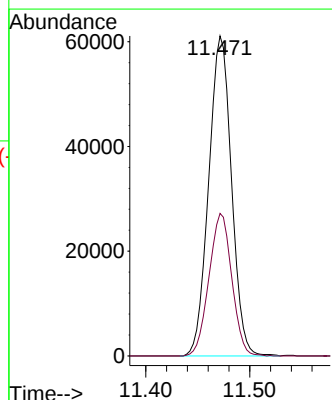
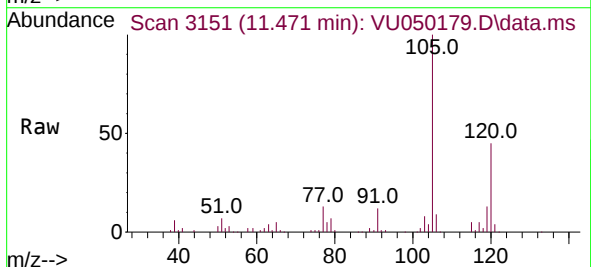
Acq: 09 Aug 2022 13:17

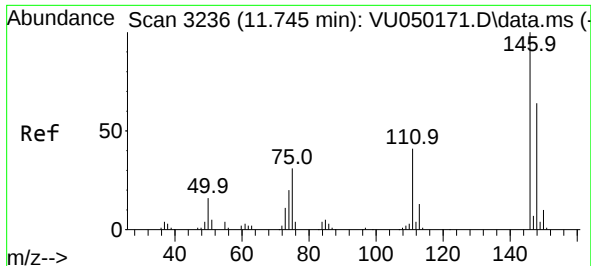
Tgt Ion:105 Resp: 93102

Ion Ratio Lower Upper

105 100

120 44.5 35.9 53.9

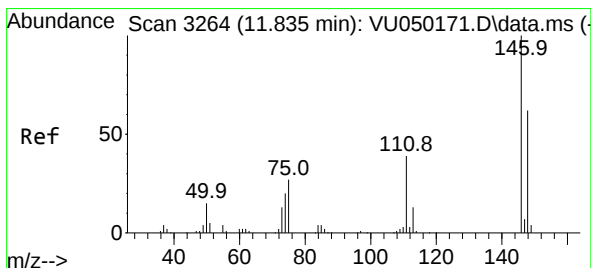
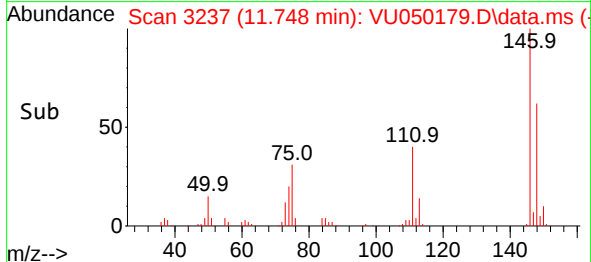
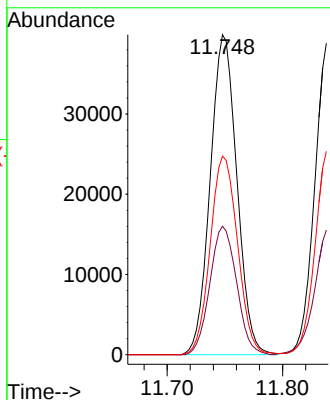
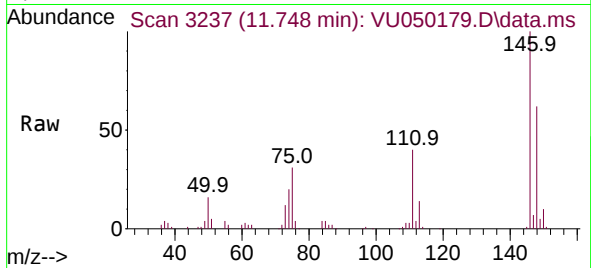




#64
1,3-Dichlorobenzene
Concen: 5.266 ug/L
RT: 11.748 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU050179.D
Acq: 09 Aug 2022 13:17

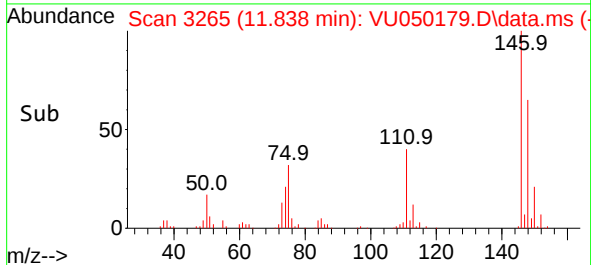
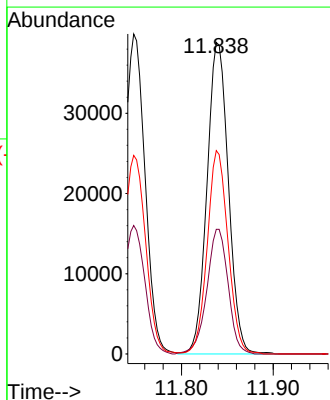
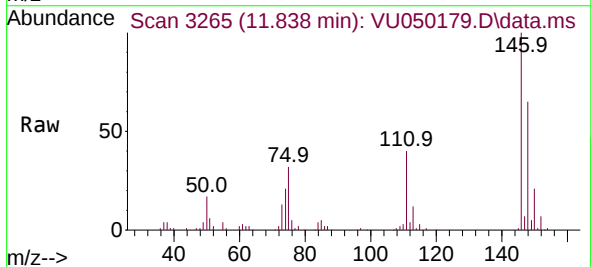
Instrument :
MSVOA_U
ClientSampleId :

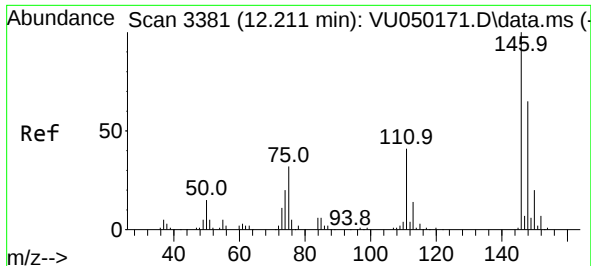
Tgt Ion:146 Resp: 63847
Ion Ratio Lower Upper
146 100
111 40.2 29.9 55.5
148 62.1 45.8 85.2



#65
1,4-Dichlorobenzene
Concen: 5.339 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU050179.D
Acq: 09 Aug 2022 13:17

Tgt Ion:146 Resp: 62991
Ion Ratio Lower Upper
146 100
111 40.0 28.1 52.1
148 65.3 44.6 82.8

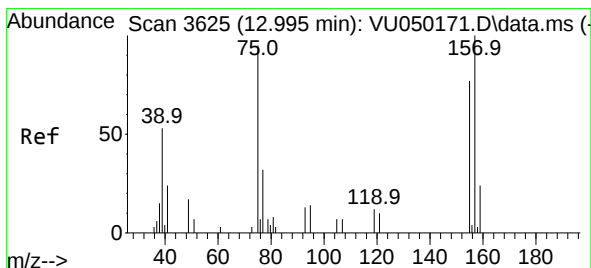
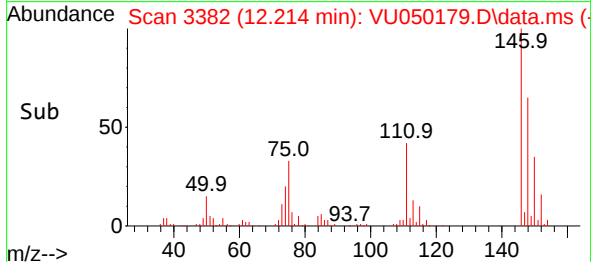
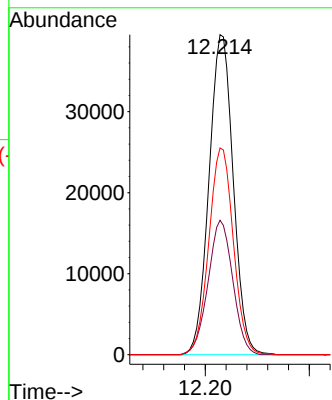
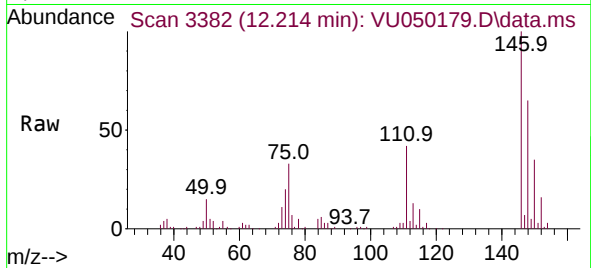




#67
1,2-Dichlorobenzene
Concen: 5.434 ug/L
RT: 12.214 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU050179.D
Acq: 09 Aug 2022 13:17

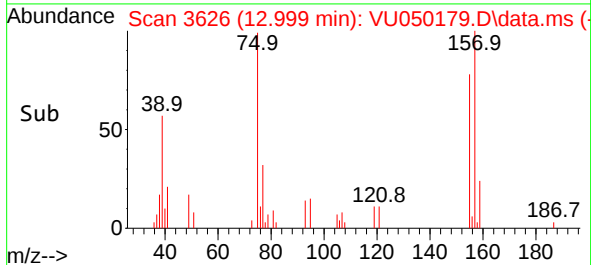
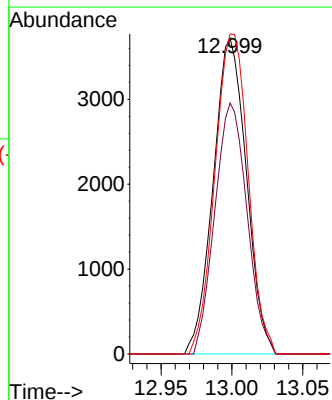
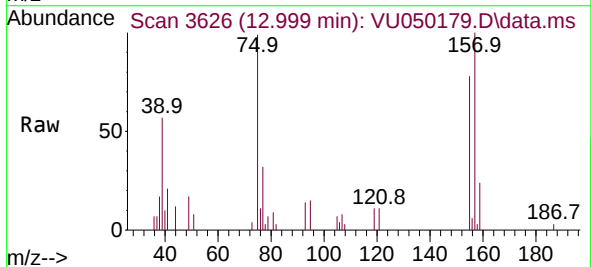
Instrument :
MSVOA_U
ClientSampleId :

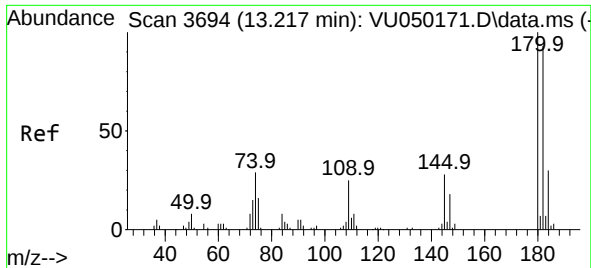
Tgt Ion:146 Resp: 63802
Ion Ratio Lower Upper
146 100
111 42.0 32.9 49.3
148 64.6 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 6.289 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. 0.003 min
Lab File: VU050179.D
Acq: 09 Aug 2022 13:17

Tgt Ion: 75 Resp: 6051
Ion Ratio Lower Upper
75 100
155 79.5 63.5 95.3
157 101.4 85.0 127.6





#69

1,3,5-Trichlorobenzene

Concen: 5.053 ug/L

RT: 13.220 min Scan# 3695

Delta R.T. -0.000 min

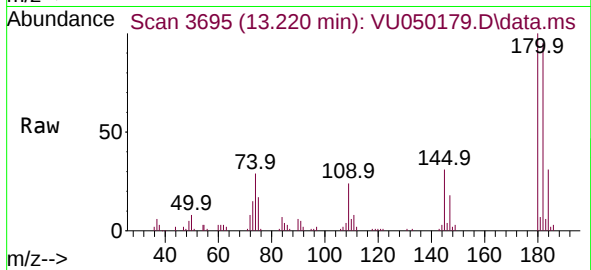
Lab File: VU050179.D

Acq: 09 Aug 2022 13:17

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 43646

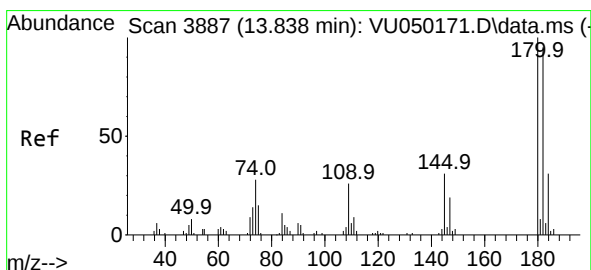
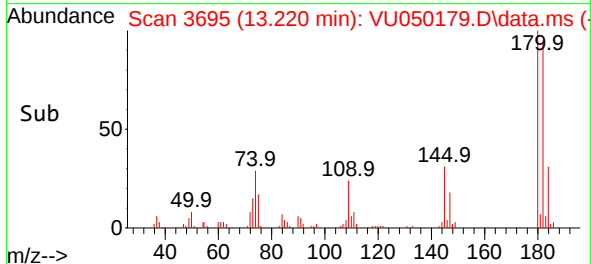
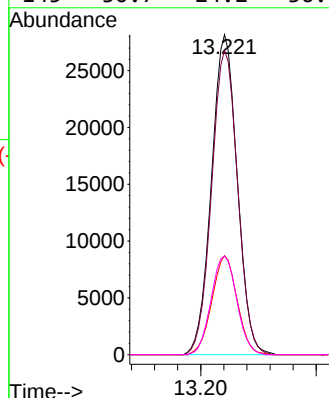
Ion Ratio Lower Upper

180 100

182 95.8 77.3 115.9

184 30.3 24.1 36.1

145 30.7 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 5.061 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU050179.D

Acq: 09 Aug 2022 13:17

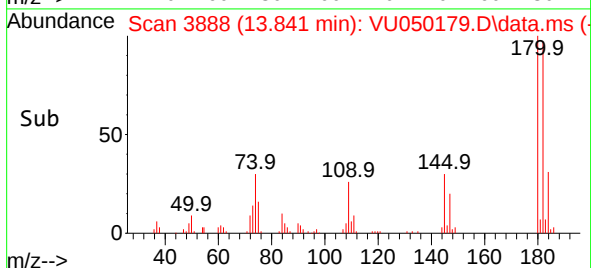
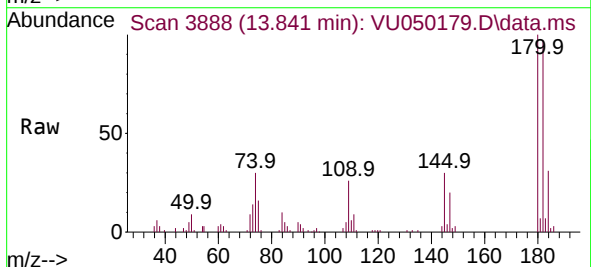
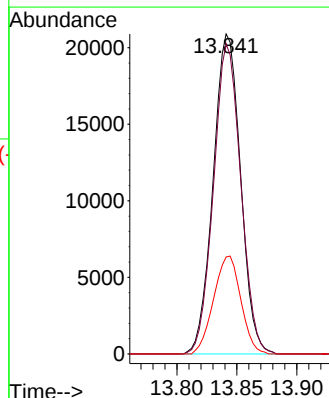
Tgt Ion:180 Resp: 33124

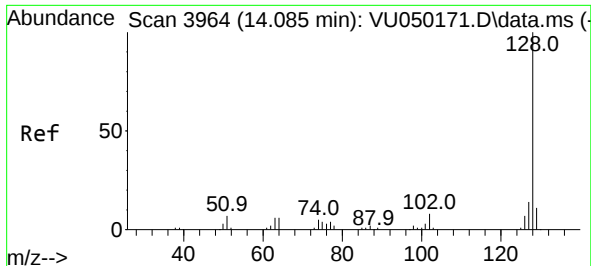
Ion Ratio Lower Upper

180 100

182 96.2 76.9 115.3

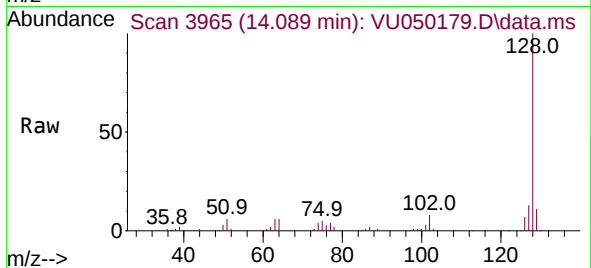
145 30.4 24.2 36.4



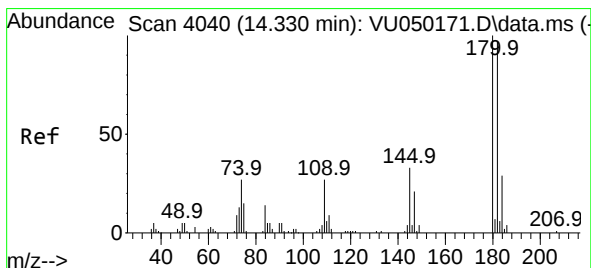
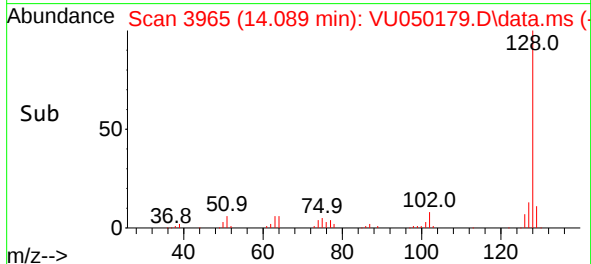
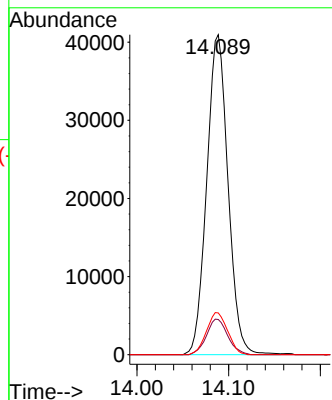


#71
Naphthalene
Concen: 4.922 ug/L
RT: 14.089 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU050179.D
Acq: 09 Aug 2022 13:17

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 66042
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 13.1 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 5.298 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU050179.D
Acq: 09 Aug 2022 13:17

Tgt Ion:180 Resp: 35145
Ion Ratio Lower Upper
180 100
182 96.0 77.5 116.3
145 32.0 25.8 38.6

