

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112522\
 Data File : VU052138.D
 Acq On : 25 Nov 2022 12:56
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050135

Quant Time: Nov 25 21:02:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 25 21:01:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	477070	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	467436	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	236857	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	193724	46.859	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.720%
7) Chloroethane-d5	1.906	69	157276	48.036	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.080%
11) 1,1-Dichloroethene-d2	2.565	63	298699	48.743	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.480%
21) 2-Butanone-d5	4.617	46	223150	89.823	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.820%
24) Chloroform-d	5.060	84	315476	46.575	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.140%
26) 1,2-Dichloroethane-d4	5.700	65	185230	45.468	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.940%
32) Benzene-d6	5.726	84	663039	47.588	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.180%
36) 1,2-Dichloropropane-d6	6.687	67	207353	46.325	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.640%
41) Toluene-d8	7.896	98	606997	48.761	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.520%
43) trans-1,3-Dichloroprop...	8.176	79	86442	45.366	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.740%
47) 2-Hexanone-d5	8.629	63	164947	94.468	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.470%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	317134	44.785	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.560%
66) 1,2-Dichlorobenzene-d4	12.189	152	211153	43.109	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.220%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	130688	51.030	ug/L	98
3) Chloromethane	1.524	50	186066	50.697	ug/L	99
5) Vinyl chloride	1.604	62	188707	50.077	ug/L	99
6) Bromomethane	1.845	94	74677	39.481	ug/L	100
8) Chloroethane	1.929	64	123663	50.045	ug/L	98
9) Trichlorofluoromethane	2.138	101	233423	51.816	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	152359	52.674	ug/L	99
12) 1,1-Dichloroethene	2.578	96	141394	51.185	ug/L	99
13) Acetone	2.620	43	231175	101.864	ug/L	98
14) Carbon disulfide	2.790	76	335412	48.018	ug/L	99
15) Methyl Acetate	2.945	43	185564	51.216	ug/L	99
16) Methylene chloride	3.044	84	201431	47.876	ug/L	99
17) trans-1,2-Dichloroethene	3.353	96	146608	49.881	ug/L	99
18) Methyl tert-butyl Ether	3.360	73	466389	48.853	ug/L	100
19) 1,1-Dichloroethane	3.868	63	306331	50.660	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	171256	48.531	ug/L	96
22) 2-Butanone	4.697	43	287878	101.738	ug/L	99
23) Bromochloromethane	4.970	128	94611	49.809	ug/L	96
25) Chloroform	5.086	83	318417	51.033	ug/L	98

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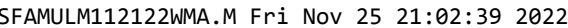
Instrument :
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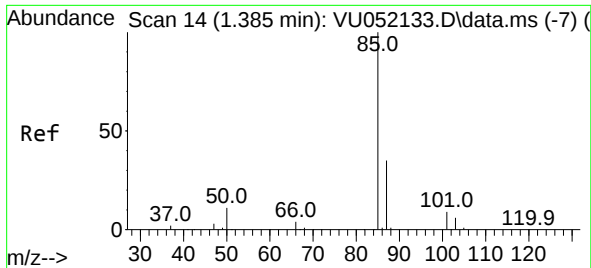
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 QLast Update : Fri Nov 25 21:01:09 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	235357	50.281	ug/L	99
29) Cyclohexane	5.388	56	213906	52.184	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	245179	51.148	ug/L	99
31) Carbon tetrachloride	5.523	117	204190	52.614	ug/L	98
33) Benzene	5.771	78	711667	51.392	ug/L	100
34) Trichloroethene	6.539	95	158417	49.030	ug/L	98
35) Methylcyclohexane	6.761	83	236833	53.482	ug/L	99
37) 1,2-Dichloropropane	6.787	63	195666	50.578	ug/L	100
38) Bromodichloromethane	7.102	83	237377	49.698	ug/L	100
39) cis-1,3-Dichloropropene	7.604	75	250418	47.870	ug/L	98
40) 4-Methyl-2-pentanone	7.787	43	509046	103.457	ug/L	100
42) Toluene	7.967	91	747722	52.254	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	246194	50.315	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	193596	50.764	ug/L	98
46) Tetrachloroethene	8.549	164	120504	49.437	ug/L	99
48) 2-Hexanone	8.681	43	426456	104.735	ug/L	100
49) Dibromochloromethane	8.806	129	194097	50.080	ug/L	100
50) 1,2-Dibromoethane	8.922	107	192370	50.224	ug/L	100
51) Chlorobenzene	9.443	112	465194	49.411	ug/L	100
52) Ethylbenzene	9.568	91	737861	50.643	ug/L	97
53) m,p-Xylene	9.690	106	294062	52.238	ug/L	98
54) o-Xylene	10.099	106	293032	51.447	ug/L	97
55) Styrene	10.112	104	520532	53.944	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	355760	51.264	ug/L	99
59) Bromoform	10.289	173	147132	47.964	ug/L	98
60) 1,2,3-Trichloropropane	10.819	75	267032	48.552	ug/L	100
61) Isopropylbenzene	10.481	105	737447	51.025	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	587350	50.867	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	581774	51.701	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	349372	49.867	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	343033	48.052	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	366983	49.993	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.993	75	64429	47.548	ug/L	98
69) 1,3,5-Trichlorobenzene	13.214	180	227364	48.610	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	172652	45.952	ug/L	98
71) Naphthalene	14.083	128	582964	47.659	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	202051	49.638	ug/L	99

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

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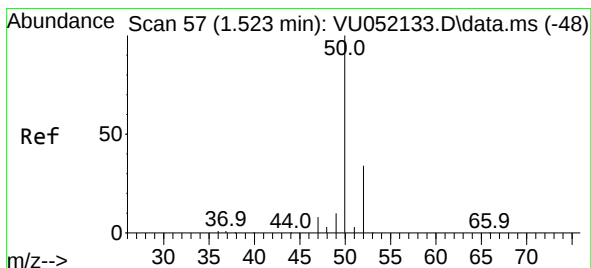
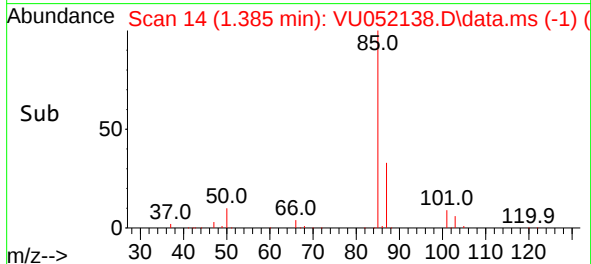
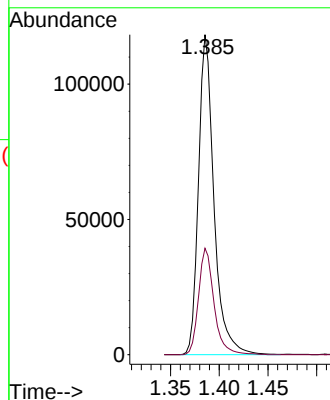
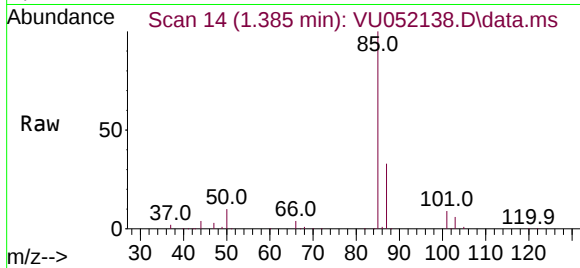




#2
Dichlorodifluoromethane
Concen: 51.030 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU052138.D
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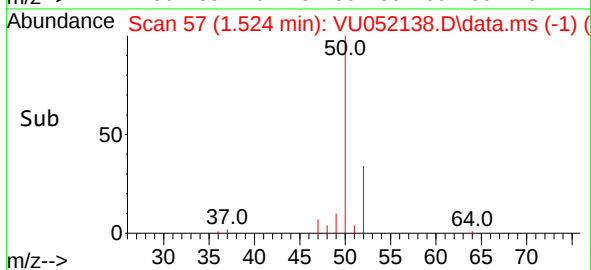
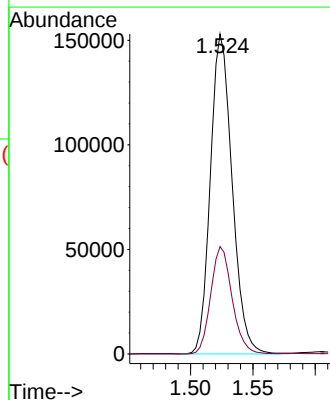
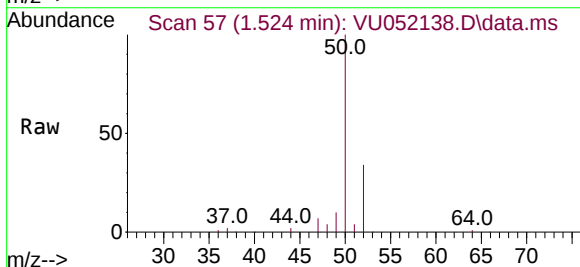
Instrument :
MSVOA_U
ClientSampleId :
VSTD050135

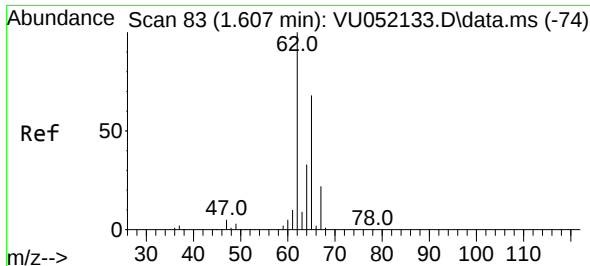
Tgt Ion: 85 Resp: 130688
Ion Ratio Lower Upper
85 100
87 33.3 25.9 38.9



#3
Chloromethane
Concen: 50.697 ug/L
RT: 1.524 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU052138.D
Acq: 25 Nov 2022 12:56

Tgt Ion: 50 Resp: 186066
Ion Ratio Lower Upper
50 100
52 33.6 23.1 42.9

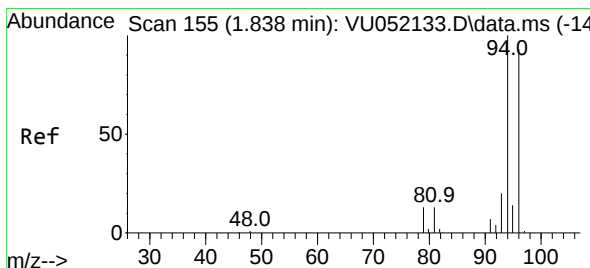
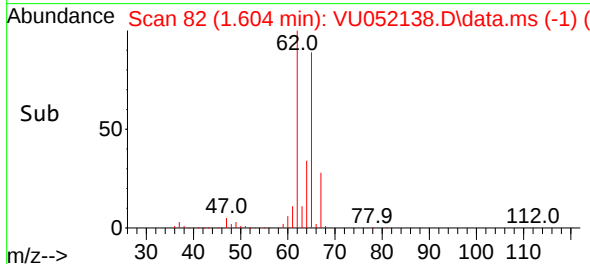
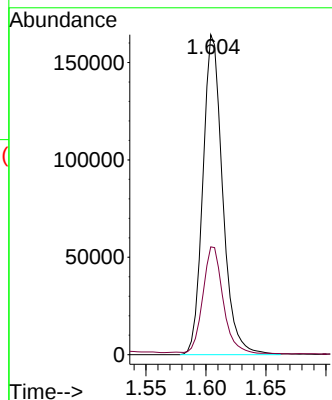
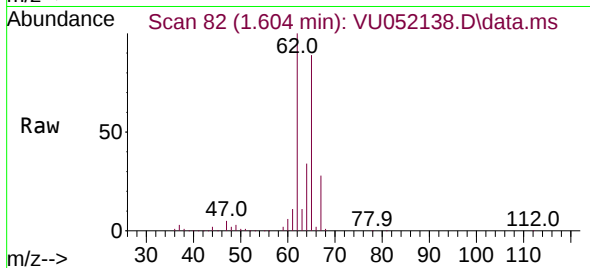




#5
 Vinyl chloride
 Concen: 50.077 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU052138.D
 Acq: 25 Nov 2022 12:56

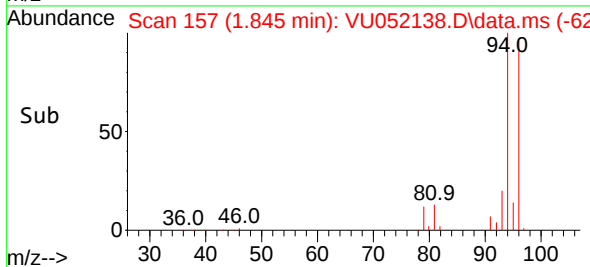
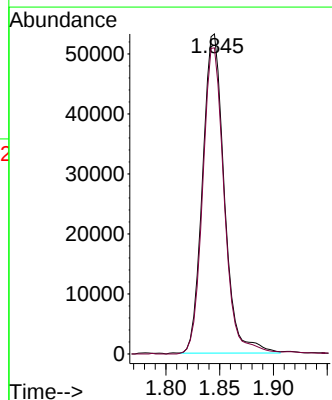
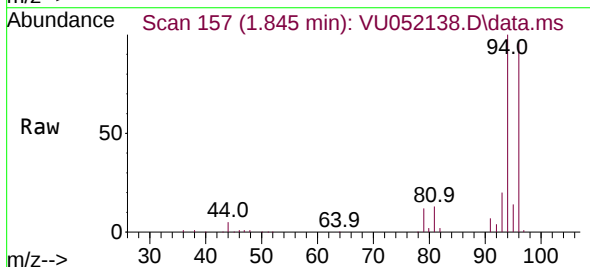
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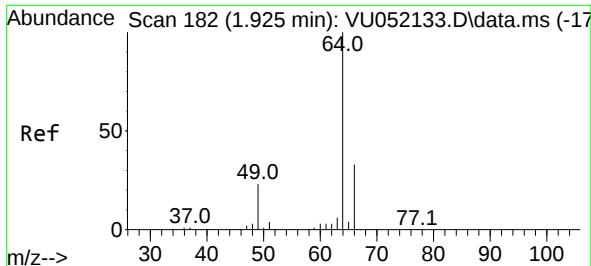
Tgt Ion: 62 Resp: 188707
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.9 44.3



#6
 Bromomethane
 Concen: 39.481 ug/L
 RT: 1.845 min Scan# 157
 Delta R.T. 0.007 min
 Lab File: VU052138.D
 Acq: 25 Nov 2022 12:56

Tgt Ion: 94 Resp: 74677
 Ion Ratio Lower Upper
 94 100
 96 95.7 66.8 124.0

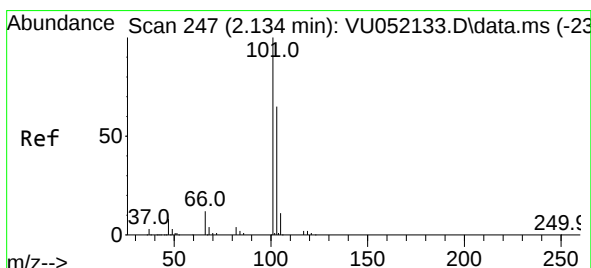
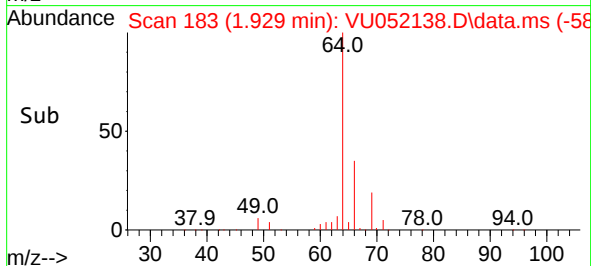
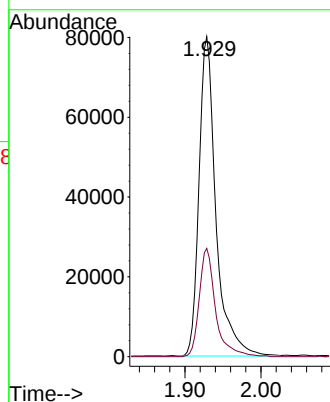
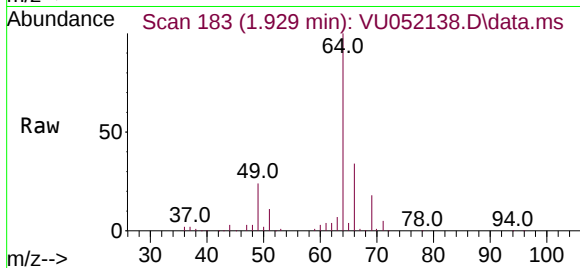




#8
Chloroethane
Concen: 50.045 ug/L
RT: 1.929 min Scan# 182
Delta R.T. 0.003 min
Lab File: VU052138.D
Acq: 25 Nov 2022 12:56

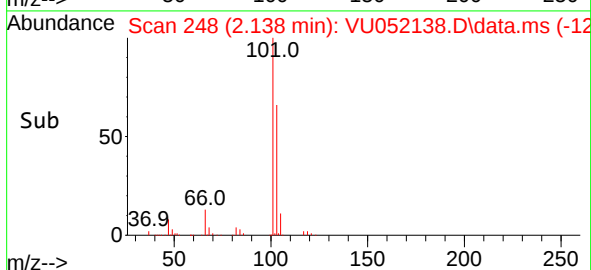
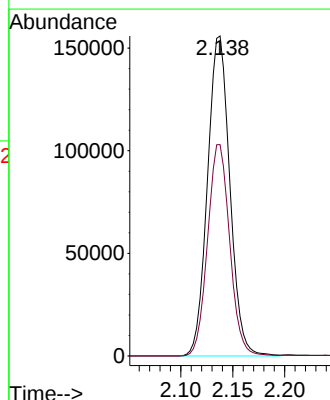
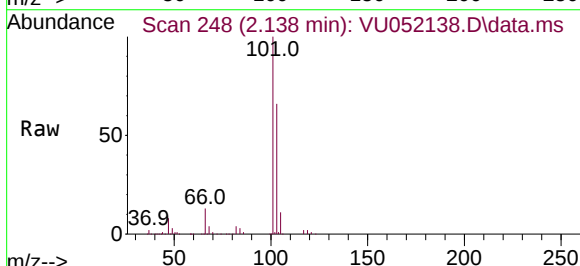
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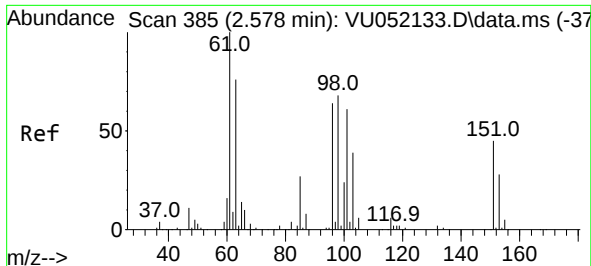
Tgt Ion: 64 Resp: 123663
Ion Ratio Lower Upper
64 100
66 33.8 22.8 42.4



#9
Trichlorofluoromethane
Concen: 51.816 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU052138.D
Acq: 25 Nov 2022 12:56

Tgt Ion:101 Resp: 233423
Ion Ratio Lower Upper
101 100
103 65.3 51.5 77.3

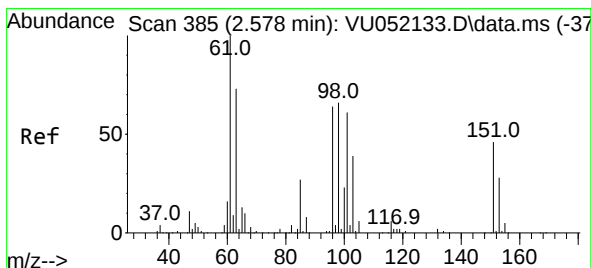
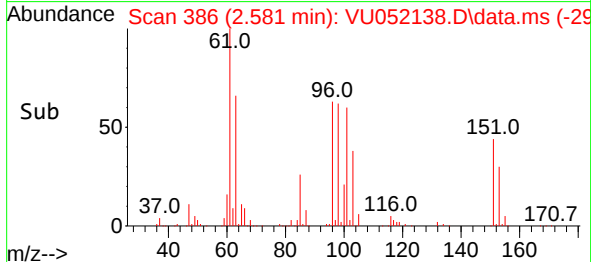
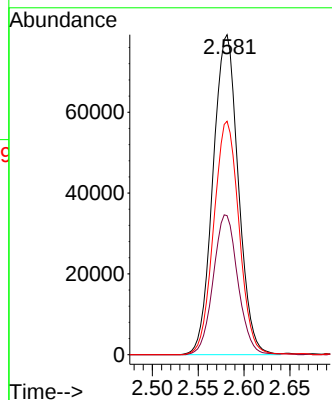
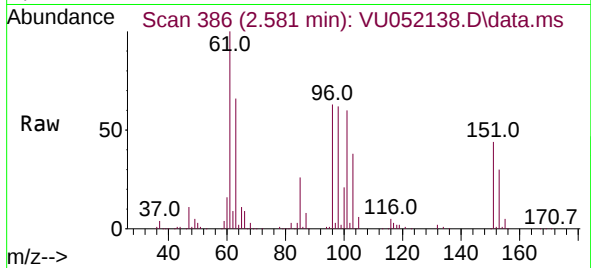




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 52.674 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU052138.D
Acq: 25 Nov 2022 12:56

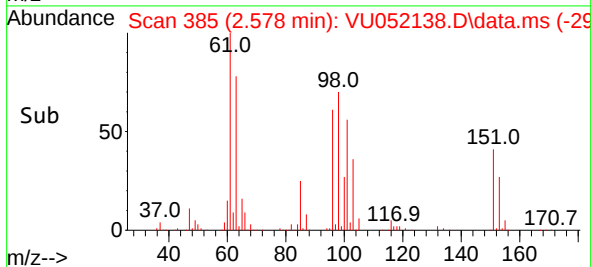
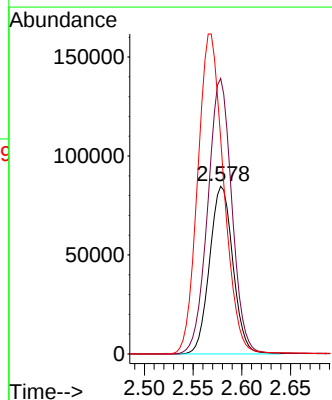
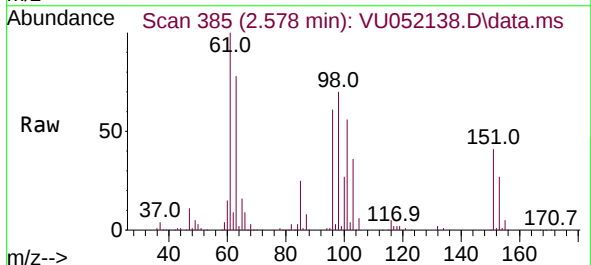
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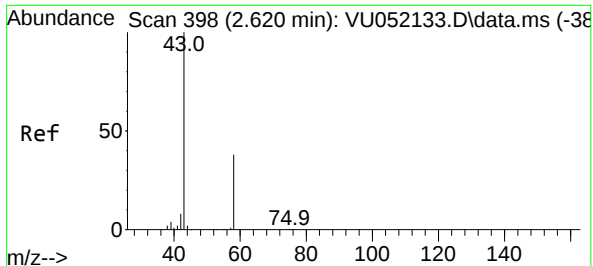
Tgt Ion:101 Resp: 152359
Ion Ratio Lower Upper
101 100
85 42.4 33.6 50.4
151 72.9 58.9 88.3



#12
1,1-Dichloroethene
Concen: 51.185 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU052138.D
Acq: 25 Nov 2022 12:56

Tgt Ion: 96 Resp: 141394
Ion Ratio Lower Upper
96 100
61 164.4 114.2 212.0
63 128.6 90.9 168.7





#13

Acetone

Concen: 101.864 ug/L

RT: 2.620 min Scan# 398

Delta R.T. 0.000 min

Lab File: VU052138.D

Acq: 25 Nov 2022 12:56

Instrument :

MSVOA_U

ClientSampleId :

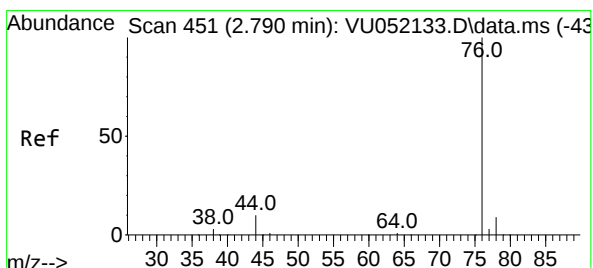
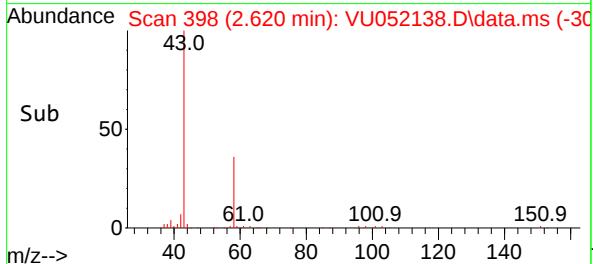
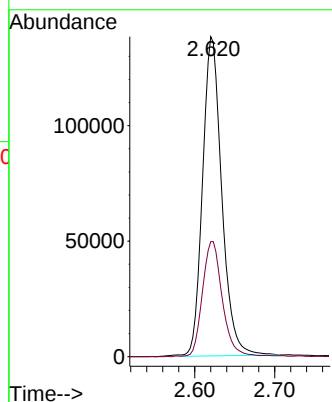
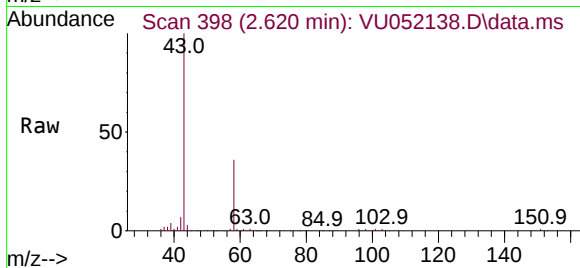
VSTD050135

Tgt Ion: 43 Resp: 231175

Ion Ratio Lower Upper

43 100

58 36.8 0.0 76.6



#14

Carbon disulfide

Concen: 48.018 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU052138.D

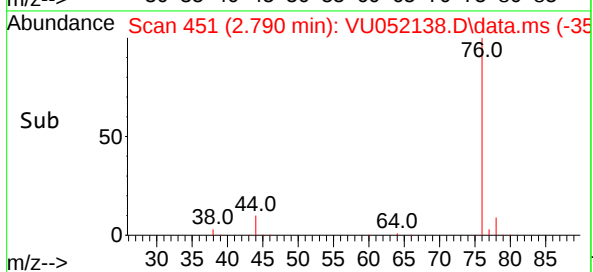
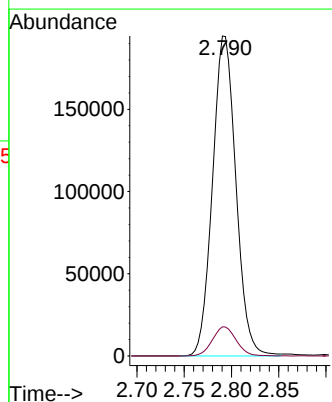
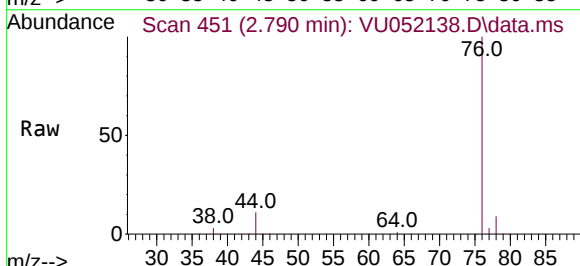
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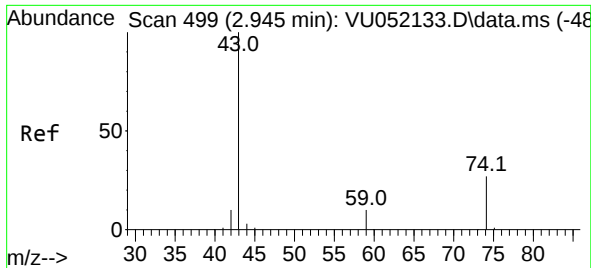
Tgt Ion: 76 Resp: 335412

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

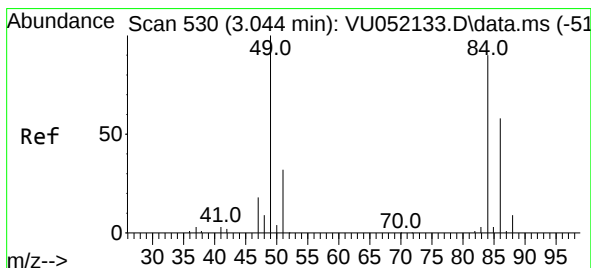
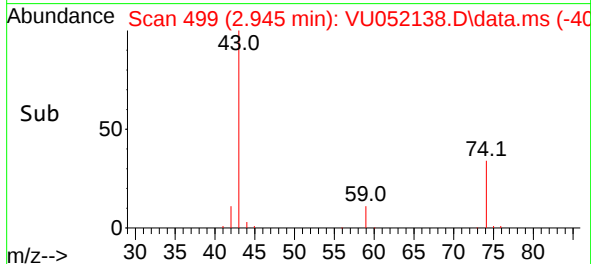
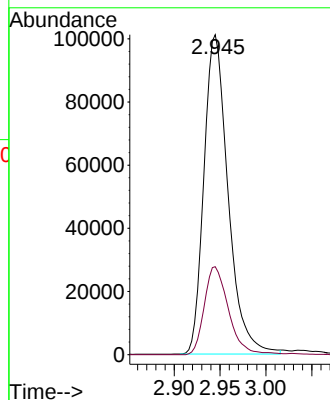
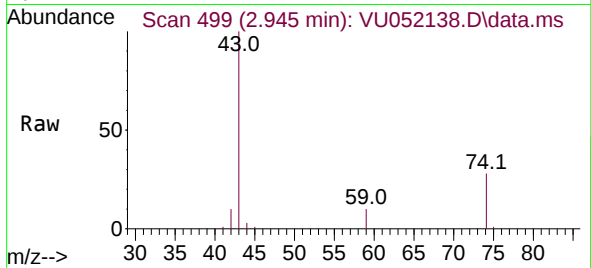




#15
Methyl Acetate
Concen: 51.216 ug/L
RT: 2.945 min Scan# 499
Delta R.T. 0.000 min
Lab File: VU052138.D
Acq: 25 Nov 2022 12:56

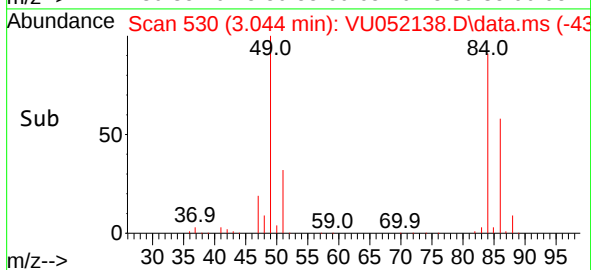
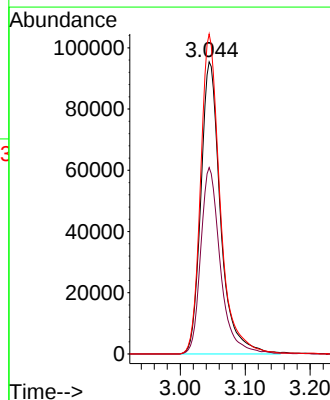
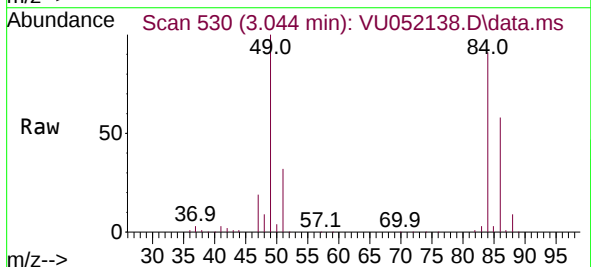
Instrument :
MSVOA_U
ClientSampleId :
VSTD050135

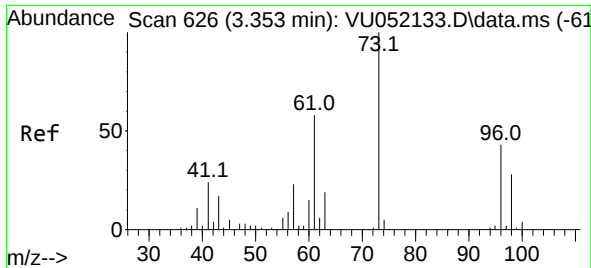
Tgt Ion: 43 Resp: 185564
Ion Ratio Lower Upper
43 100
74 27.3 22.2 33.4



#16
Methylene chloride
Concen: 47.876 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU052138.D
Acq: 25 Nov 2022 12:56

Tgt Ion: 84 Resp: 201431
Ion Ratio Lower Upper
84 100
86 63.8 45.2 84.0
49 109.5 75.9 141.1

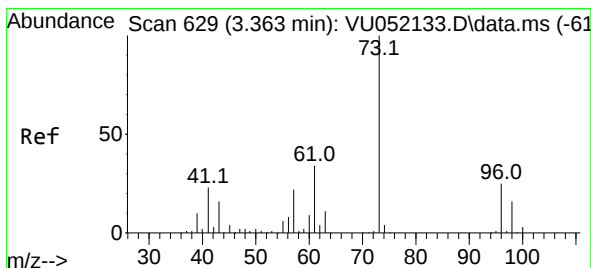
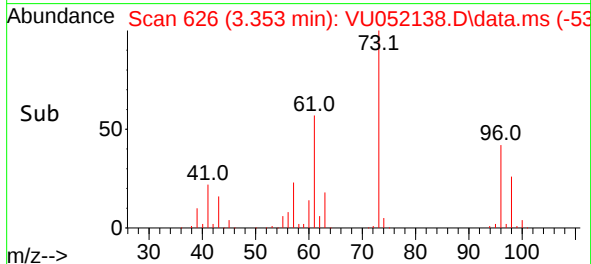
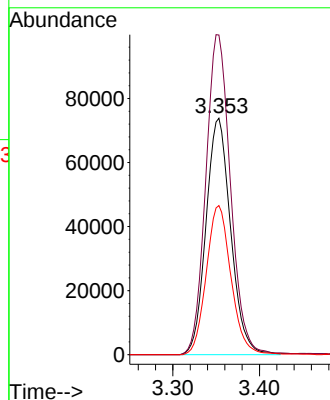
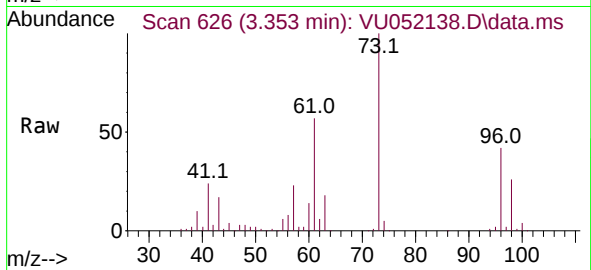




#17
trans-1,2-Dichloroethene
Concen: 49.881 ug/L
RT: 3.353 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU052138.D
Acq: 25 Nov 2022 12:56

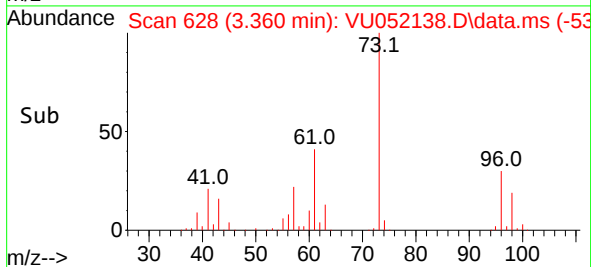
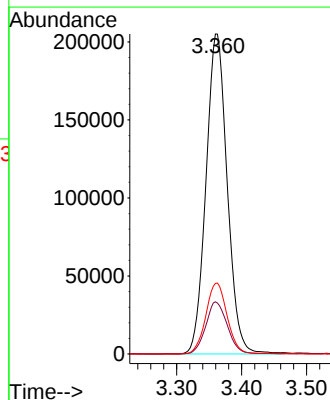
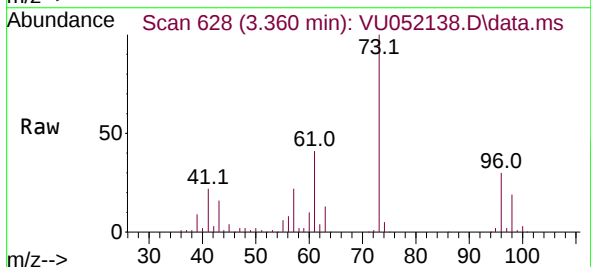
Instrument :
MSVOA_U
ClientSampleId :
VSTD050135

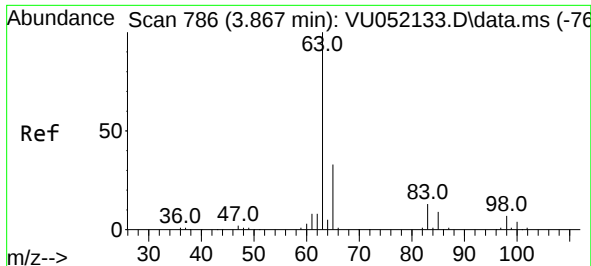
Tgt Ion: 96 Resp: 146608
Ion Ratio Lower Upper
96 100
61 135.2 93.9 174.3
98 63.0 44.2 82.0



#18
Methyl tert-butyl Ether
Concen: 48.853 ug/L
RT: 3.360 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU052138.D
Acq: 25 Nov 2022 12:56

Tgt Ion: 73 Resp: 466389
Ion Ratio Lower Upper
73 100
43 16.4 13.1 19.7
57 22.3 17.8 26.6





#19

1,1-Dichloroethane

Concen: 50.660 ug/L

RT: 3.868 min Scan# 786

Delta R.T. 0.000 min

Lab File: VU052138.D

Acq: 25 Nov 2022 12:56

Instrument :

MSVOA_U

ClientSampleId :

VSTD050135

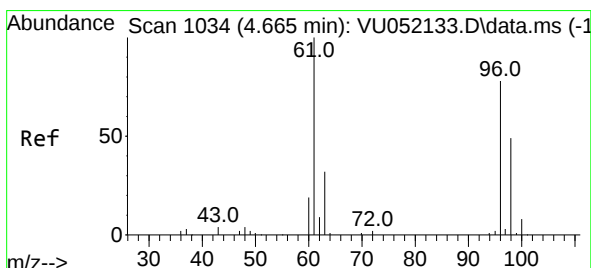
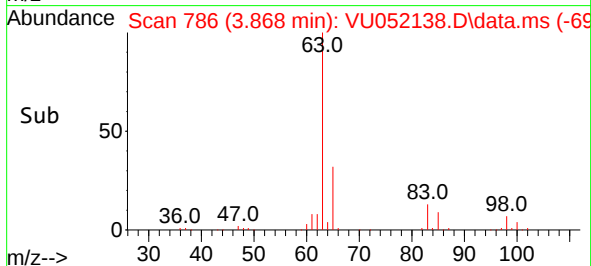
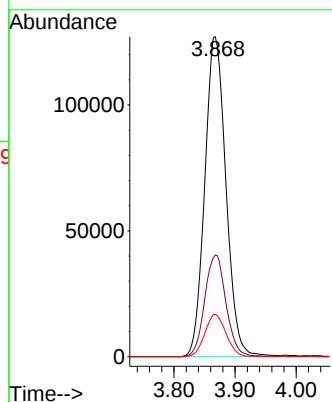
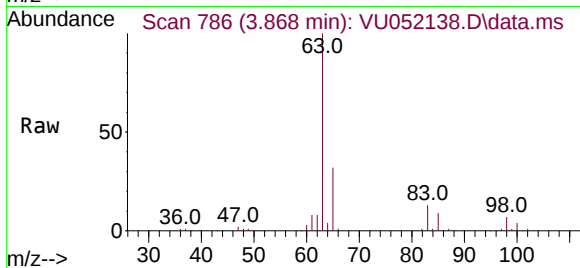
Tgt Ion: 63 Resp: 306331

Ion Ratio Lower Upper

63 100

65 31.7 22.3 41.3

83 13.2 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 48.531 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU052138.D

Acq: 25 Nov 2022 12:56

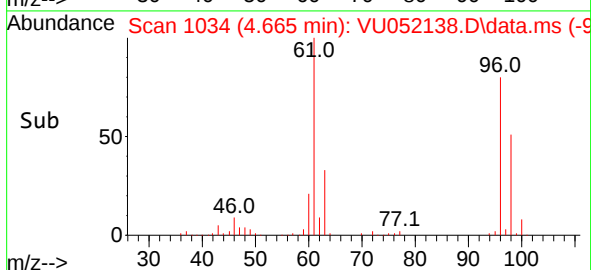
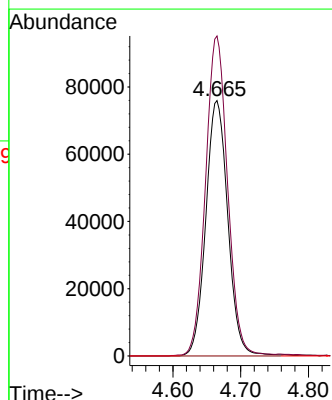
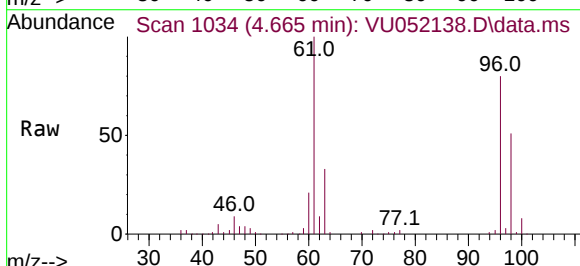
Tgt Ion: 96 Resp: 171256

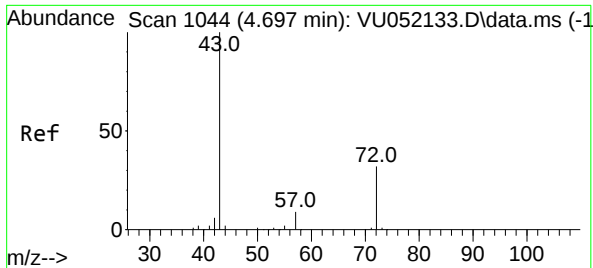
Ion Ratio Lower Upper

96 100

61 125.3 84.5 156.9

68 0.0 0.0 0.0

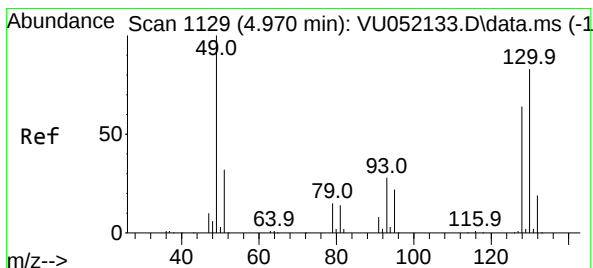
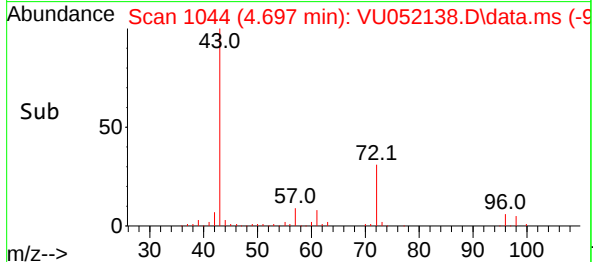
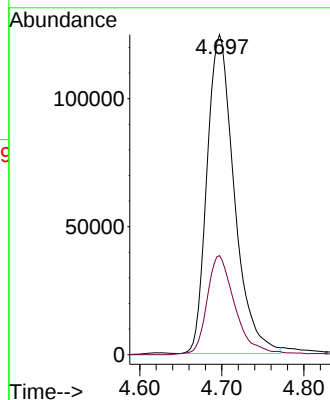
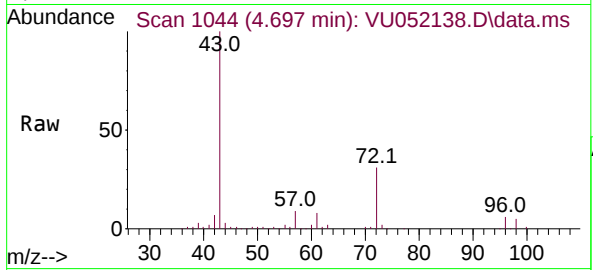




#22
2-Butanone
Concen: 101.738 ug/L
RT: 4.697 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VU052138.D
Acq: 25 Nov 2022 12:56

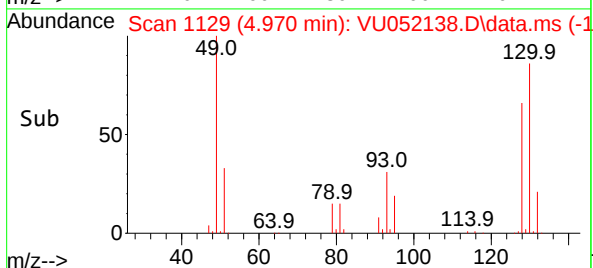
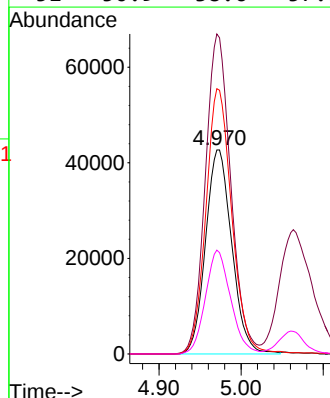
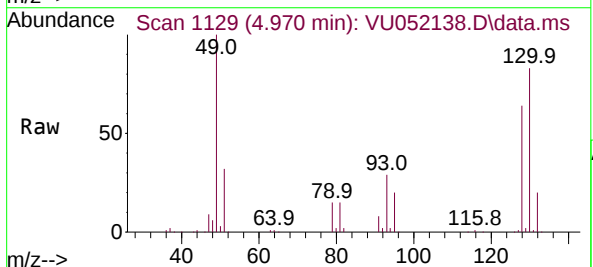
Instrument :
MSVOA_U
ClientSampleId :
VSTD050135

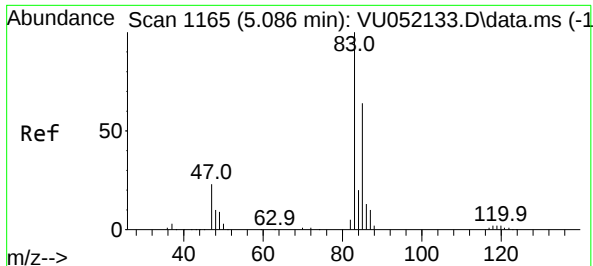
Tgt Ion: 43 Resp: 287878
Ion Ratio Lower Upper
43 100
72 31.5 15.9 47.7



#23
Bromochloromethane
Concen: 49.809 ug/L
RT: 4.970 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VU052138.D
Acq: 25 Nov 2022 12:56

Tgt Ion:128 Resp: 94611
Ion Ratio Lower Upper
128 100
49 156.9 106.3 197.3
130 130.1 87.4 162.2
51 50.9 38.6 57.8





#25

Chloroform

Concen: 51.033 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU052138.D

Acq: 25 Nov 2022 12:56

Instrument :

MSVOA_U

ClientSampleId :

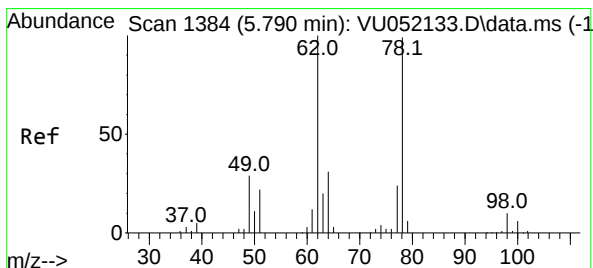
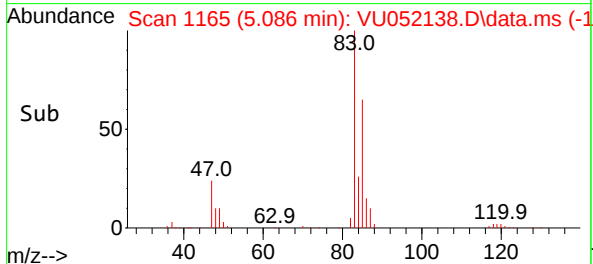
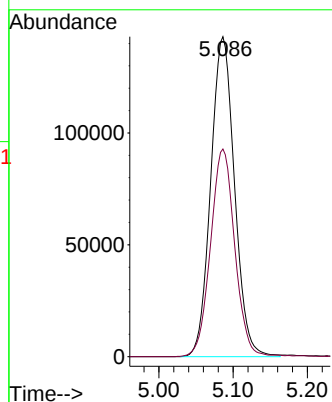
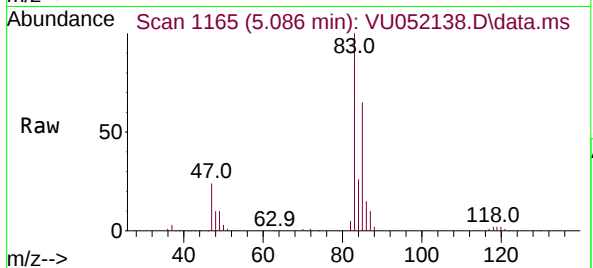
VSTD050135

Tgt Ion: 83 Resp: 318417

Ion Ratio Lower Upper

83 100

85 64.9 46.3 85.9



#27

1,2-Dichloroethane

Concen: 50.281 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VU052138.D

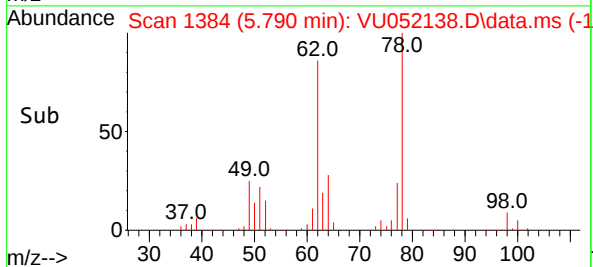
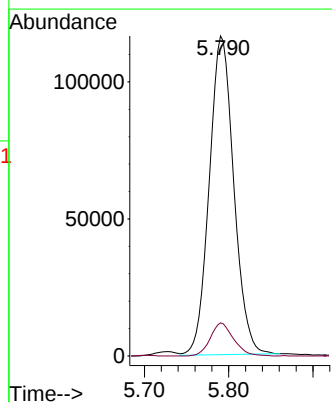
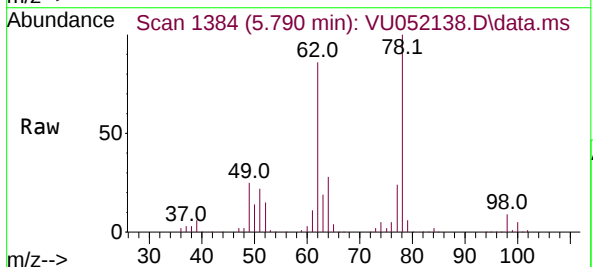
Acq: 25 Nov 2022 12:56

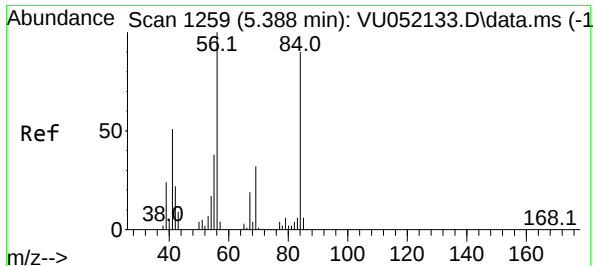
Tgt Ion: 62 Resp: 235357

Ion Ratio Lower Upper

62 100

98 10.3 7.9 11.9





#29

Cyclohexane

Concen: 52.184 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VU052138.D

Acq: 25 Nov 2022 12:56

Instrument :

MSVOA_U

ClientSampleId :

VSTD050135

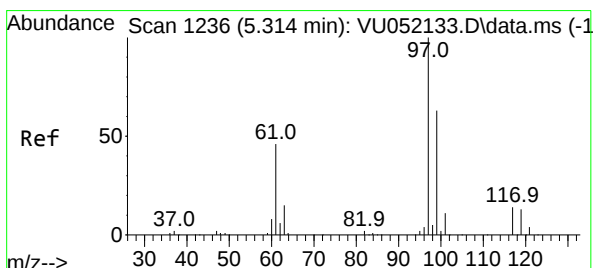
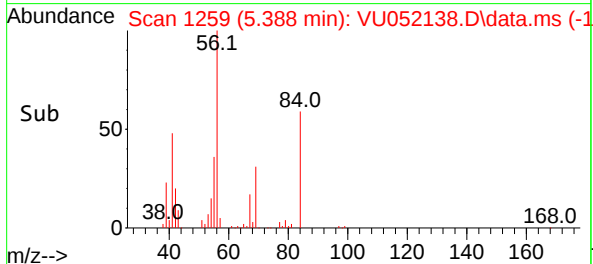
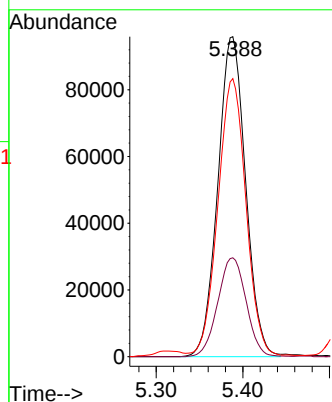
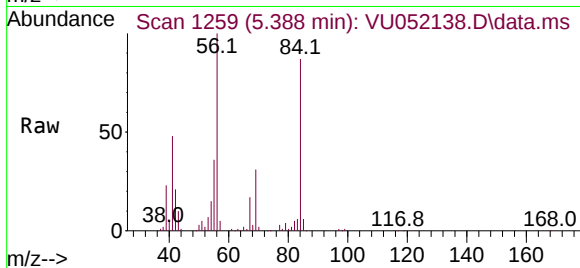
Tgt Ion: 56 Resp: 213906

Ion Ratio Lower Upper

56 100

69 31.5 25.7 38.5

84 87.5 70.2 105.2



#30

1,1,1-Trichloroethane

Concen: 51.148 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU052138.D

Acq: 25 Nov 2022 12:56

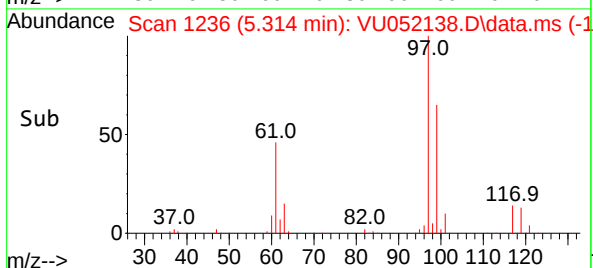
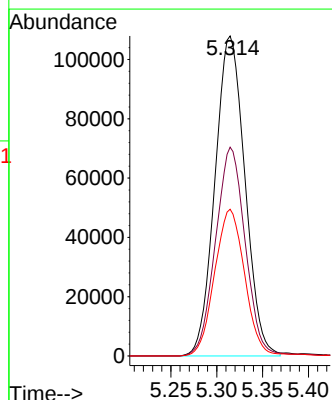
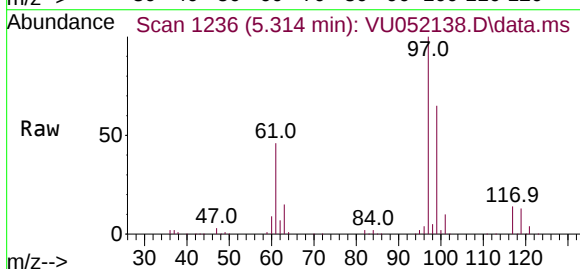
Tgt Ion: 97 Resp: 245179

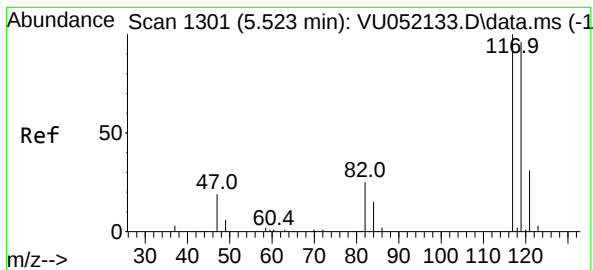
Ion Ratio Lower Upper

97 100

99 64.7 51.4 77.0

61 46.0 37.2 55.8

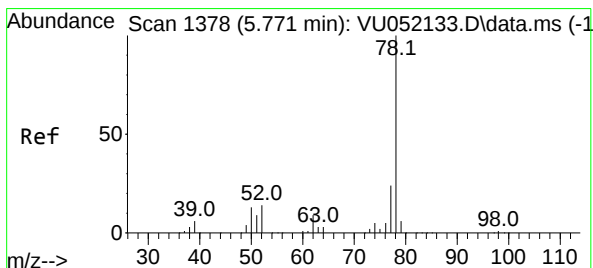
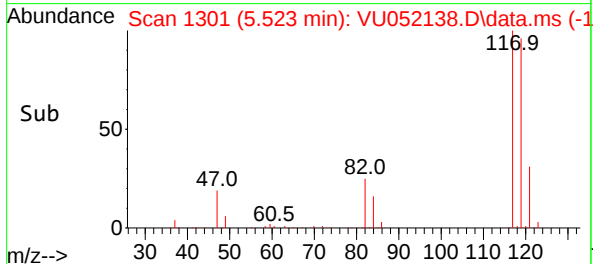
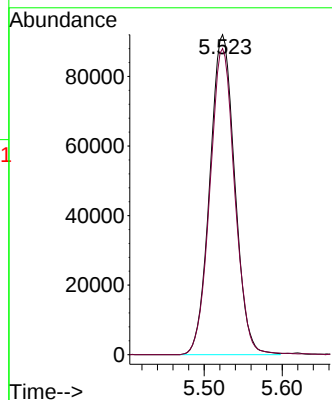
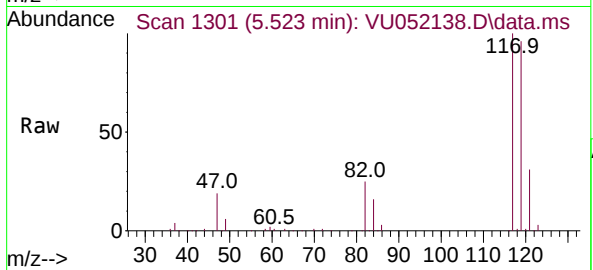




#31
Carbon tetrachloride
Concen: 52.614 ug/L
RT: 5.523 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VU052138.D
Acq: 25 Nov 2022 12:56

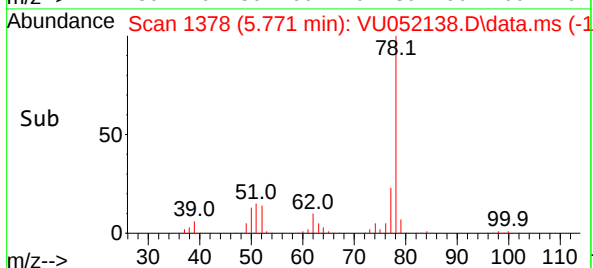
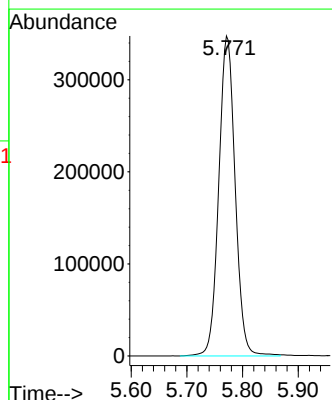
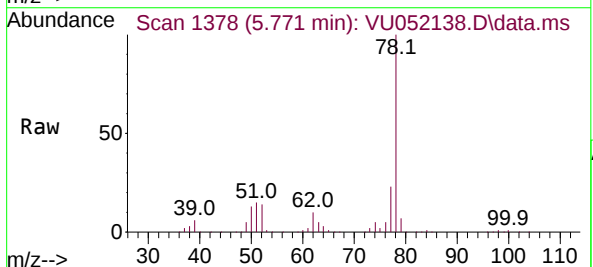
Instrument :
MSVOA_U
ClientSampleId :
VSTD050135

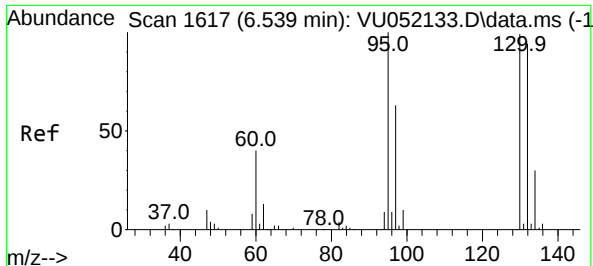
Tgt Ion:117 Resp: 204190
Ion Ratio Lower Upper
117 100
119 95.3 77.4 116.2



#33
Benzene
Concen: 51.392 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU052138.D
Acq: 25 Nov 2022 12:56

Tgt Ion: 78 Resp: 711667



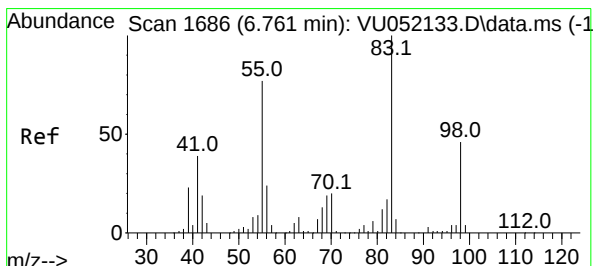
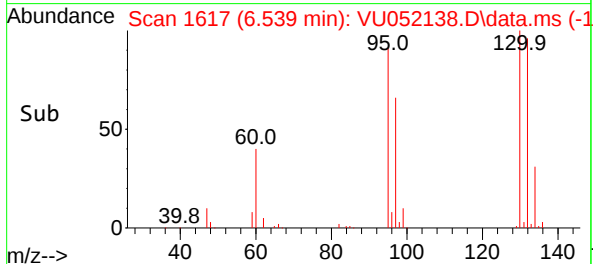
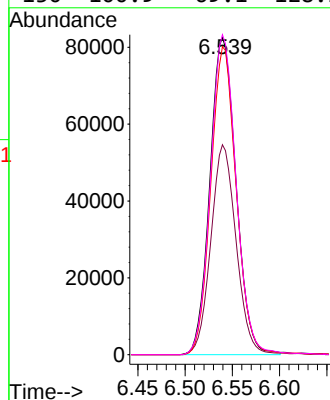
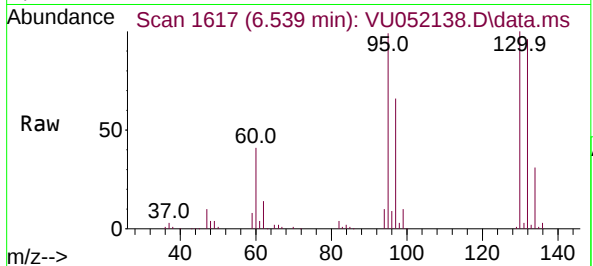


#34
Trichloroethene
Concen: 49.030 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU052138.D
Acq: 25 Nov 2022 12:56

Instrument :
MSVOA_U
ClientSampleId :
VSTD050135

Tgt Ion: 95 Resp: 158417

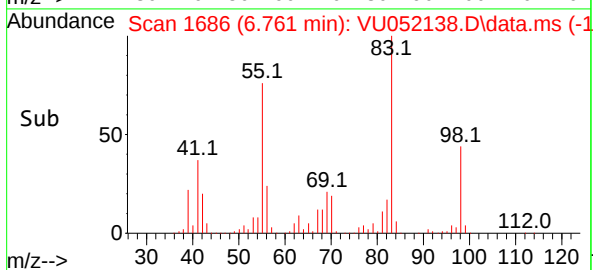
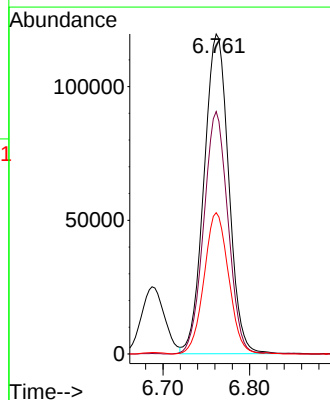
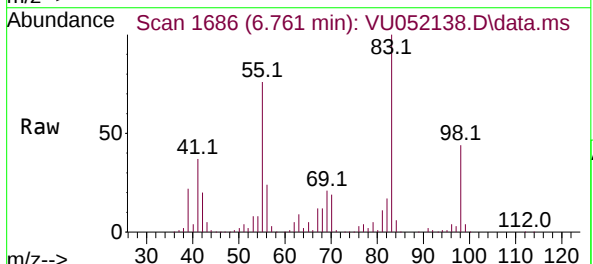
Ion	Ratio	Lower	Upper
95	100		
97	66.2	45.3	84.1
132	97.1	66.8	124.2
130	100.9	69.1	128.3

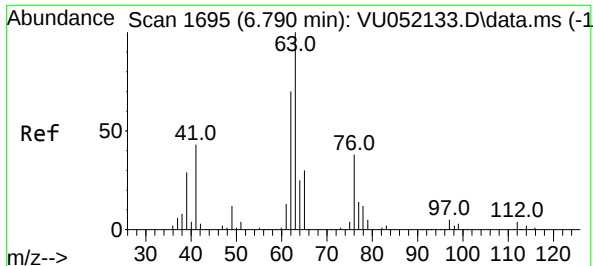


#35
Methylcyclohexane
Concen: 53.482 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU052138.D
Acq: 25 Nov 2022 12:56

Tgt Ion: 83 Resp: 236833

Ion	Ratio	Lower	Upper
83	100		
55	74.6	59.0	88.6
98	43.9	36.0	54.0





#37

1,2-Dichloropropane

Concen: 50.578 ug/L

RT: 6.787 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU052138.D

Acq: 25 Nov 2022 12:56

Instrument :

MSVOA_U

ClientSampleId :

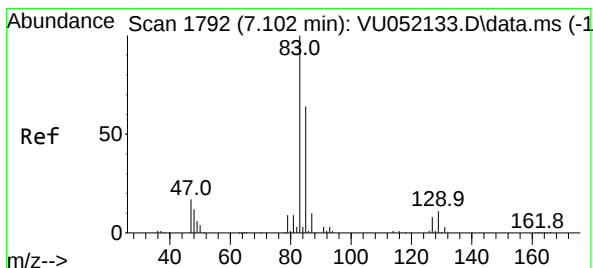
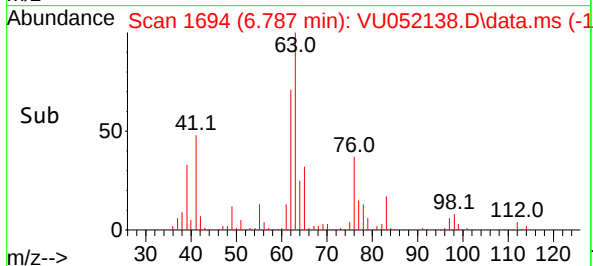
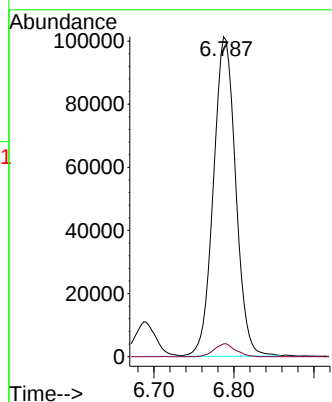
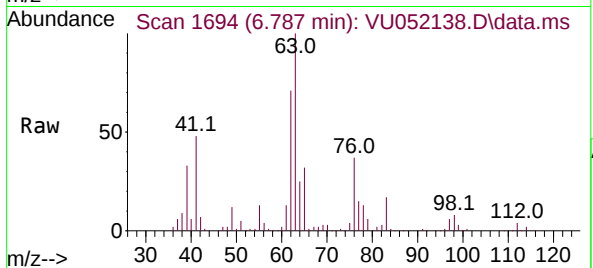
VSTD050135

Tgt Ion: 63 Resp: 195666

Ion Ratio Lower Upper

63 100

112 3.9 3.0 4.6



#38

Bromodichloromethane

Concen: 49.698 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VU052138.D

Acq: 25 Nov 2022 12:56

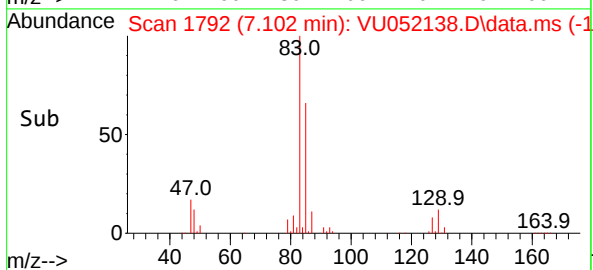
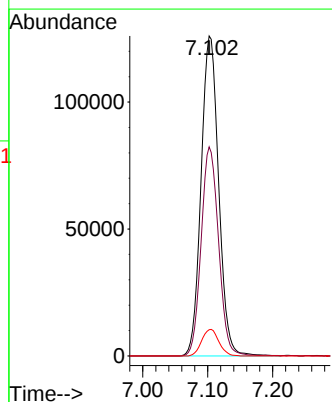
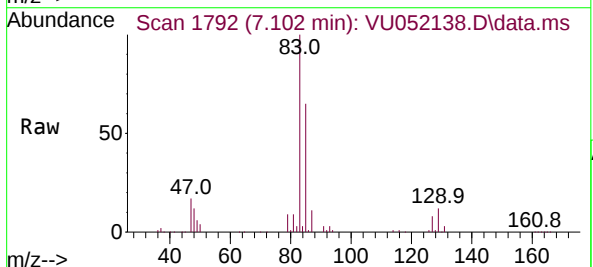
Tgt Ion: 83 Resp: 237377

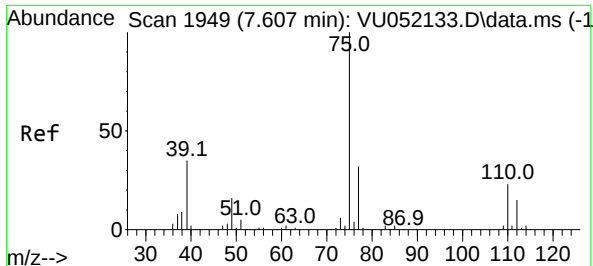
Ion Ratio Lower Upper

83 100

85 65.3 45.9 85.3

127 8.2 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 47.870 ug/L

RT: 7.604 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VU052138.D

Acq: 25 Nov 2022 12:56

Instrument :

MSVOA_U

ClientSampleId :

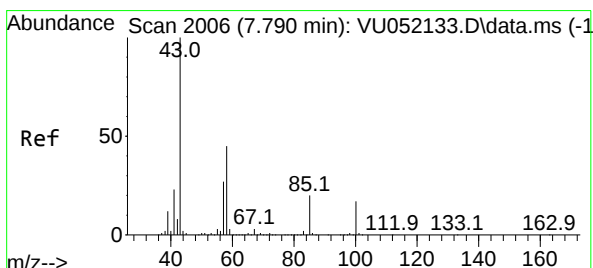
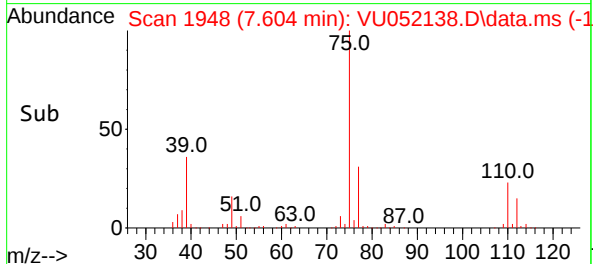
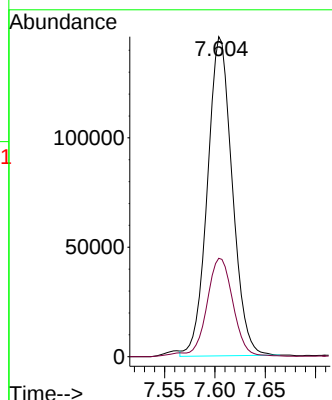
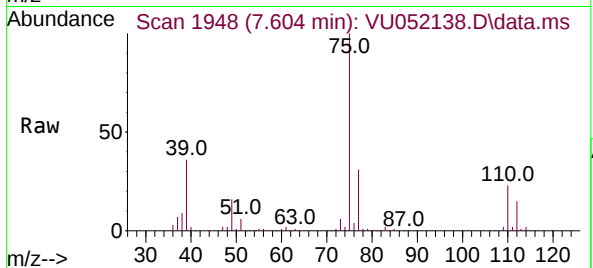
VSTD050135

Tgt Ion: 75 Resp: 250418

Ion Ratio Lower Upper

75 100

77 30.8 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 103.457 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. -0.003 min

Lab File: VU052138.D

Acq: 25 Nov 2022 12:56

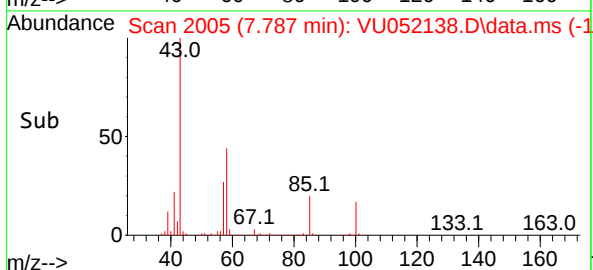
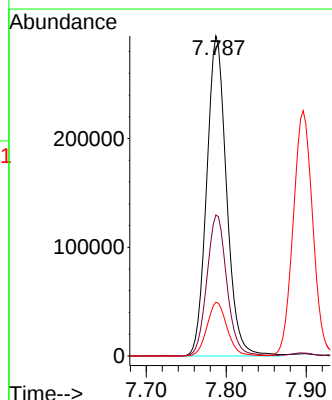
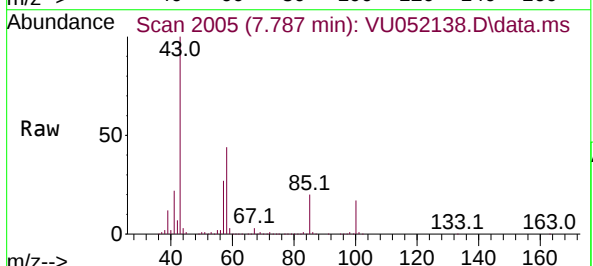
Tgt Ion: 43 Resp: 509046

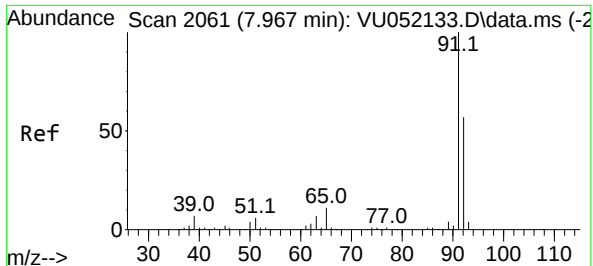
Ion Ratio Lower Upper

43 100

58 44.4 35.8 53.6

100 17.0 13.5 20.3

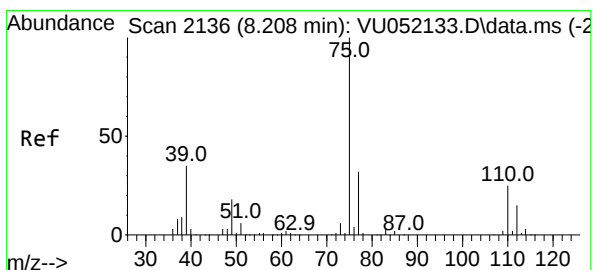
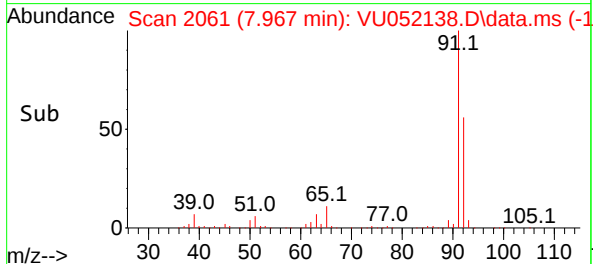
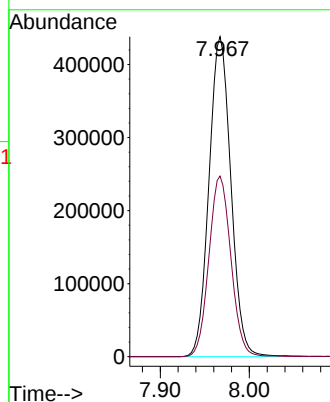
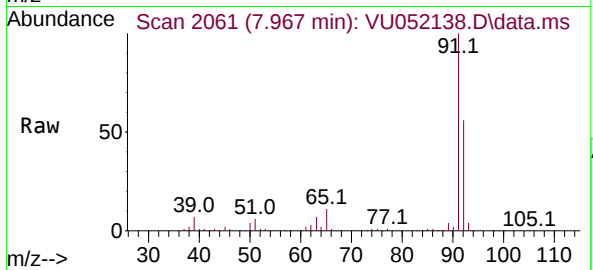




#42
Toluene
Concen: 52.254 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VU052138.D
Acq: 25 Nov 2022 12:56

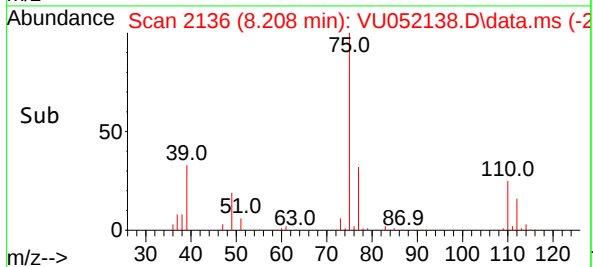
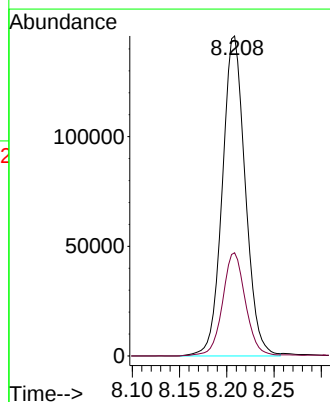
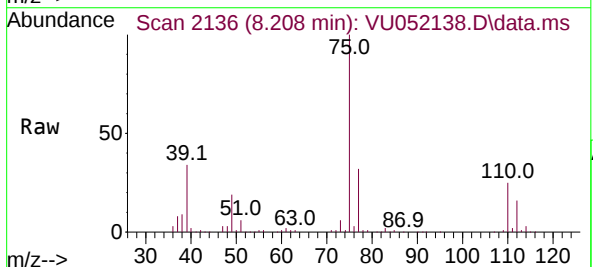
Instrument :
MSVOA_U
ClientSampleId :
VSTD050135

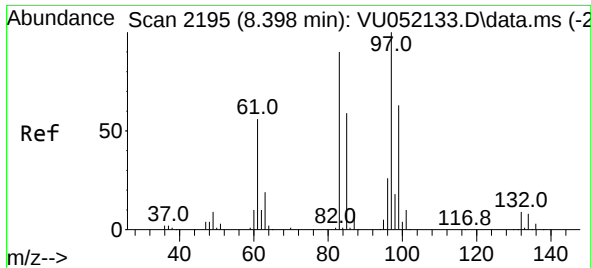
Tgt Ion: 91 Resp: 747722
Ion Ratio Lower Upper
91 100
92 56.4 39.2 72.8



#44
trans-1,3-Dichloropropene
Concen: 50.315 ug/L
RT: 8.208 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VU052138.D
Acq: 25 Nov 2022 12:56

Tgt Ion: 75 Resp: 246194
Ion Ratio Lower Upper
75 100
77 32.3 22.7 42.1

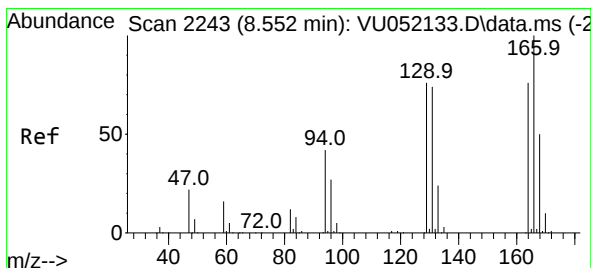
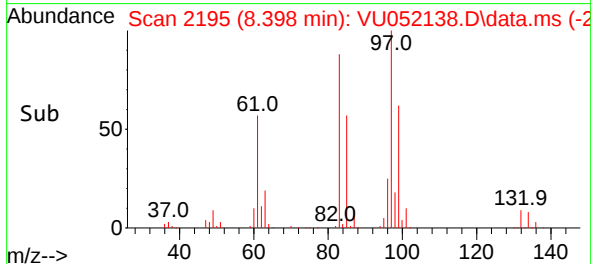
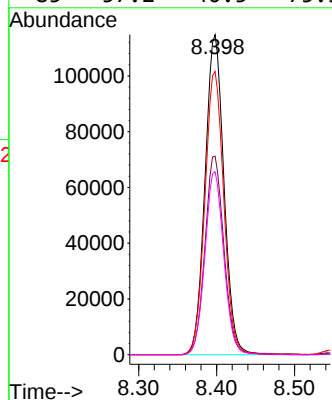
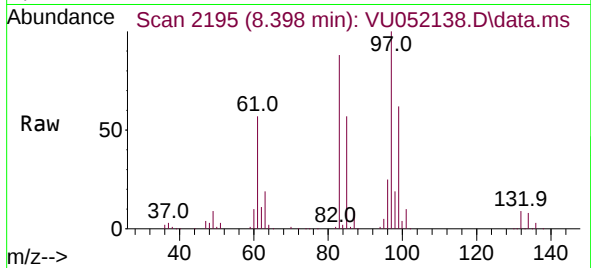




#45
1,1,2-Trichloroethane
Concen: 50.764 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU052138.D
Acq: 25 Nov 2022 12:56

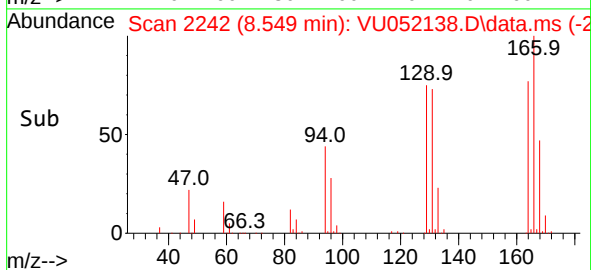
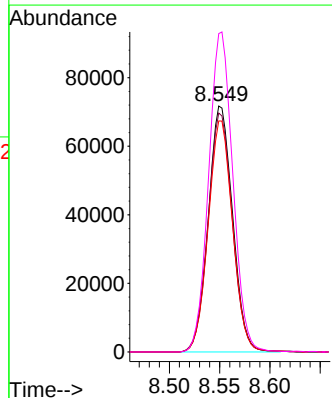
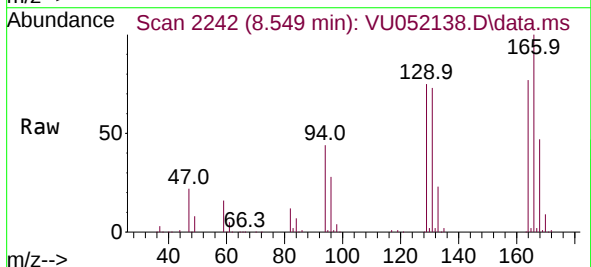
Instrument :
MSVOA_U
ClientSampleId :
VSTD050135

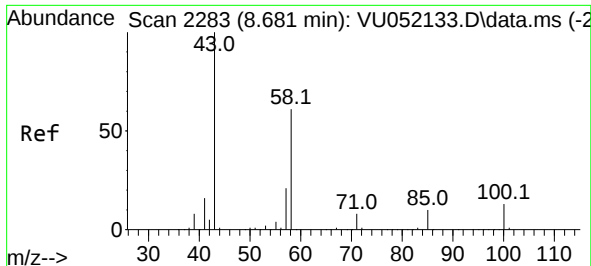
Tgt Ion:	97	Resp:	193596
Ion	Ratio	Lower	Upper
97	100		
99	62.0	44.4	82.4
83	88.5	63.2	117.4
85	57.2	40.5	75.3



#46
Tetrachloroethene
Concen: 49.437 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VU052138.D
Acq: 25 Nov 2022 12:56

Tgt Ion:	164	Resp:	120504
Ion	Ratio	Lower	Upper
164	100		
129	97.1	67.3	124.9
131	94.0	65.2	121.2
166	129.5	89.9	166.9

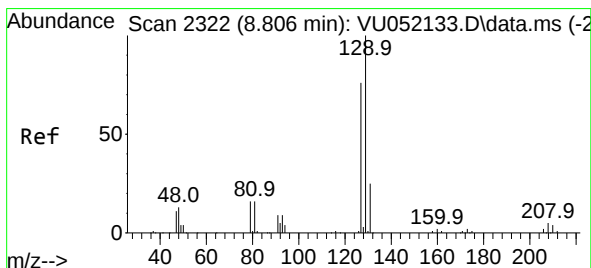
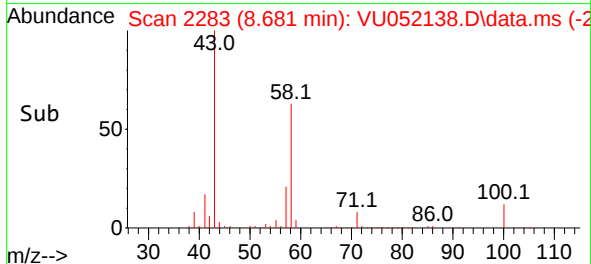
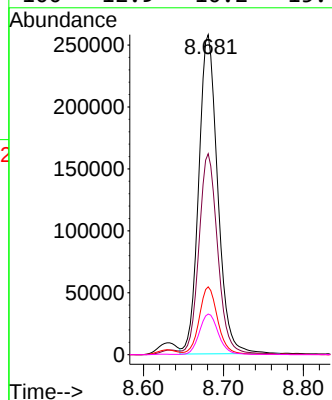
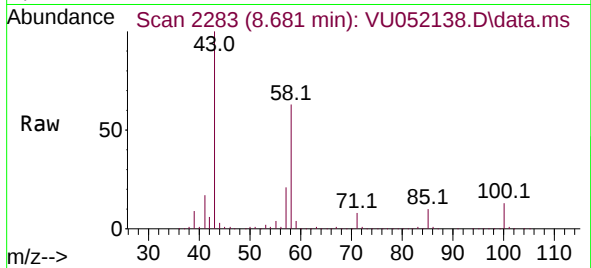




#48
2-Hexanone
Concen: 104.735 ug/L
RT: 8.681 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052138.D
Acq: 25 Nov 2022 12:56

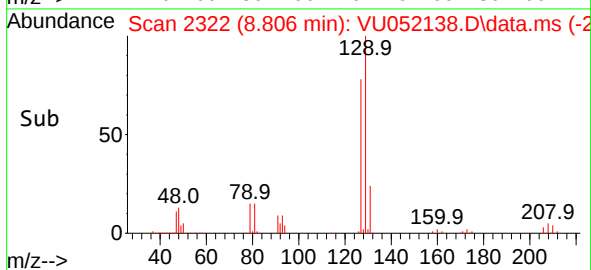
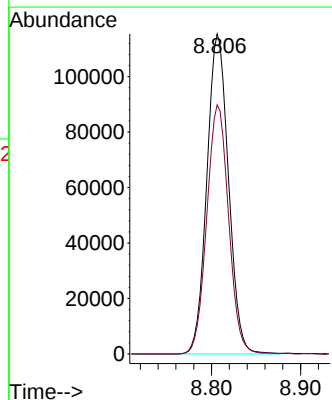
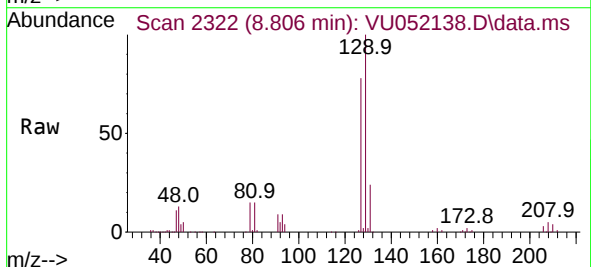
Instrument :
MSVOA_U
ClientSampleId :
VSTD050135

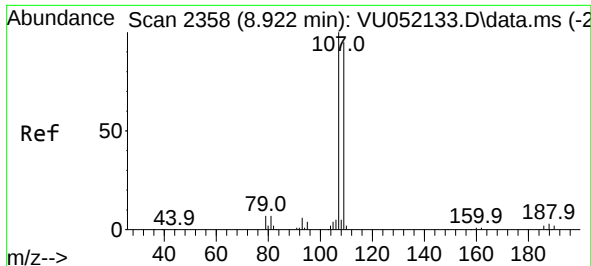
Tgt Ion: 43	Resp: 426456
Ion Ratio	Lower Upper
43 100	
58 62.3	49.6 74.4
57 20.7	16.8 25.2
100 12.9	10.2 15.4



#49
Dibromochloromethane
Concen: 50.080 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VU052138.D
Acq: 25 Nov 2022 12:56

Tgt Ion:129	Resp: 194097
Ion Ratio	Lower Upper
129 100	
127 77.8	54.5 101.1

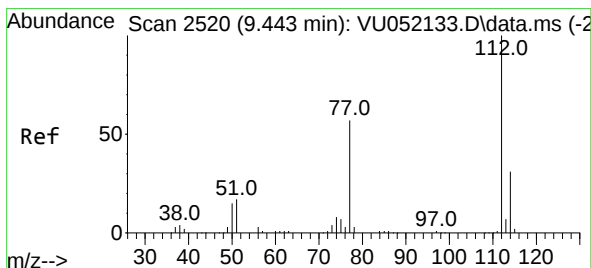
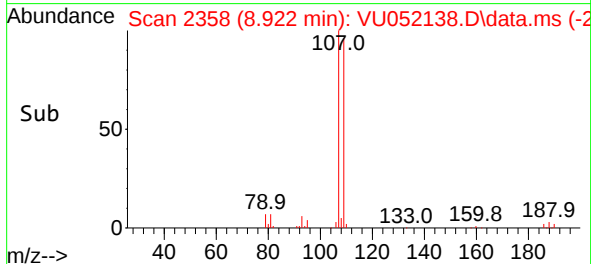
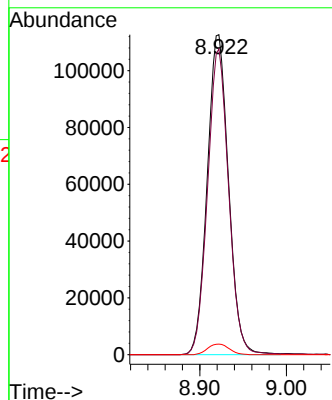
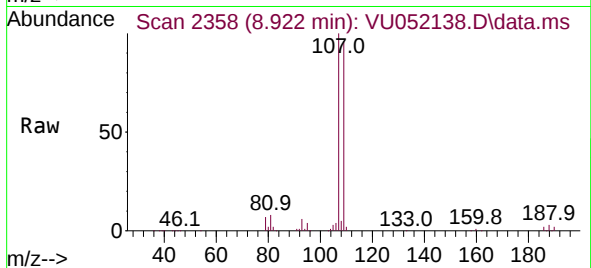




#50
1,2-Dibromoethane
Concen: 50.224 ug/L
RT: 8.922 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052138.D
Acq: 25 Nov 2022 12:56

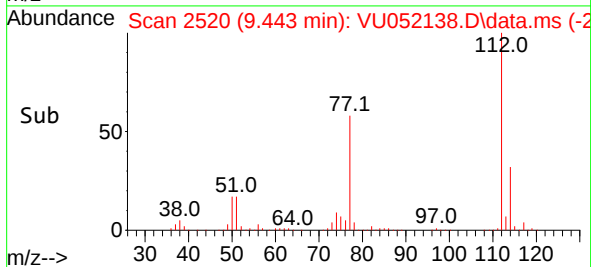
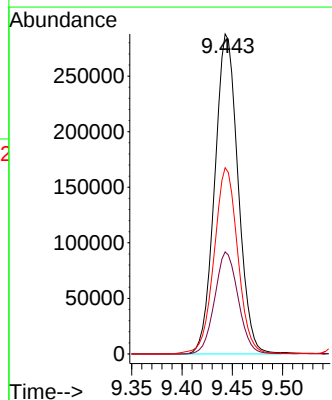
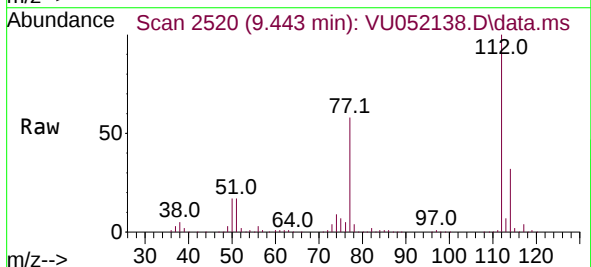
Instrument :
MSVOA_U
ClientSampleId :
VSTD050135

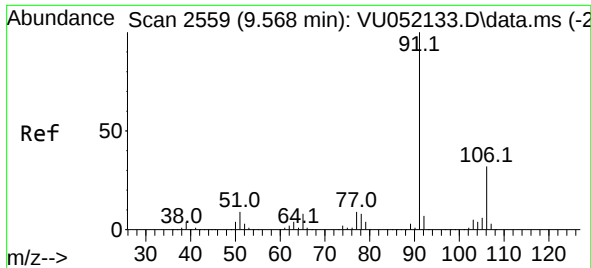
Tgt Ion:107 Resp: 192370
Ion Ratio Lower Upper
107 100
109 95.6 66.6 123.8
188 3.3 2.9 4.3



#51
Chlorobenzene
Concen: 49.411 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU052138.D
Acq: 25 Nov 2022 12:56

Tgt Ion:112 Resp: 465194
Ion Ratio Lower Upper
112 100
114 31.9 22.2 41.2
77 58.2 46.5 69.7

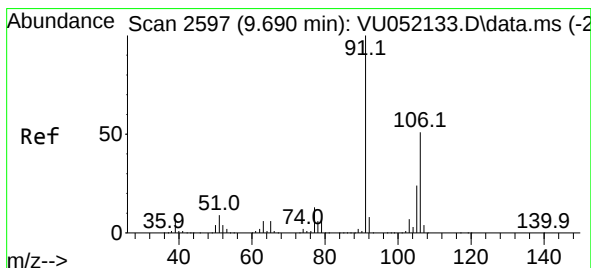
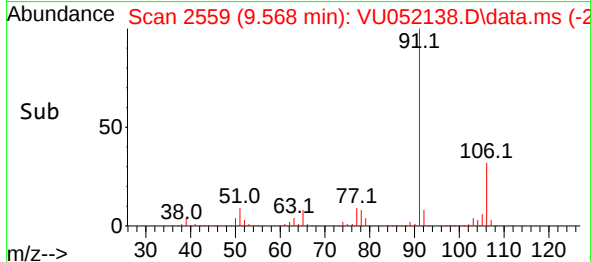
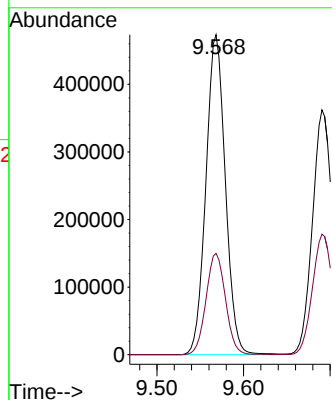
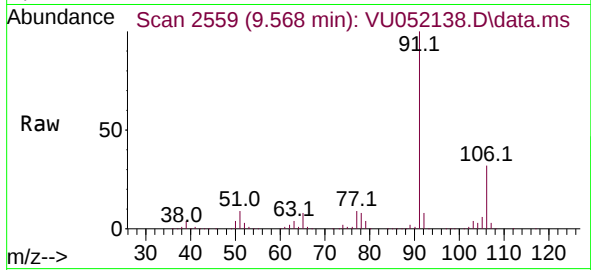




#52
Ethylbenzene
Concen: 50.643 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU052138.D
Acq: 25 Nov 2022 12:56

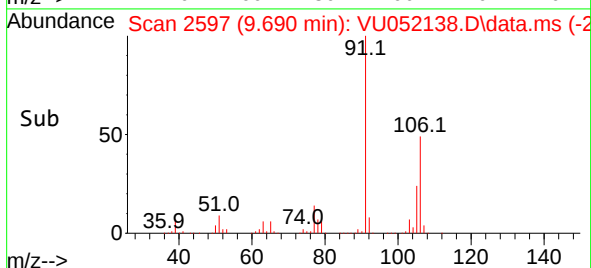
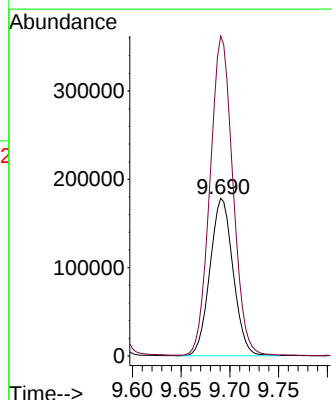
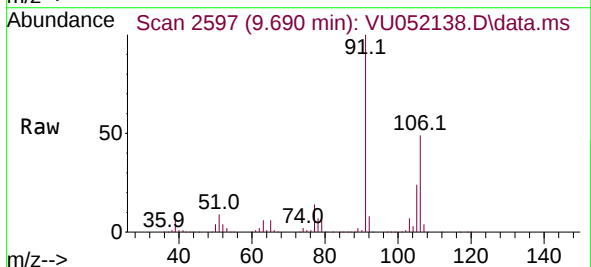
Instrument :
MSVOA_U
ClientSampleId :
VSTD050135

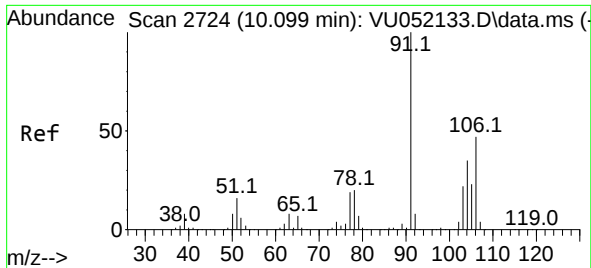
Tgt Ion: 91 Resp: 737861
Ion Ratio Lower Upper
91 100
106 31.7 21.2 39.4



#53
m,p-Xylene
Concen: 52.238 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU052138.D
Acq: 25 Nov 2022 12:56

Tgt Ion: 106 Resp: 294062
Ion Ratio Lower Upper
106 100
91 203.1 140.3 260.6

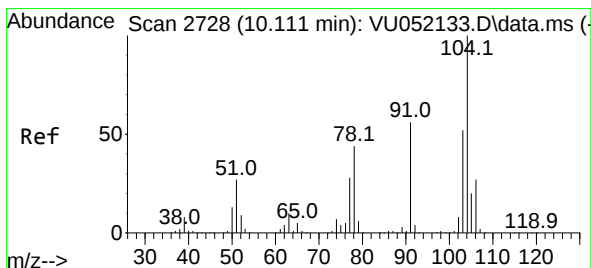
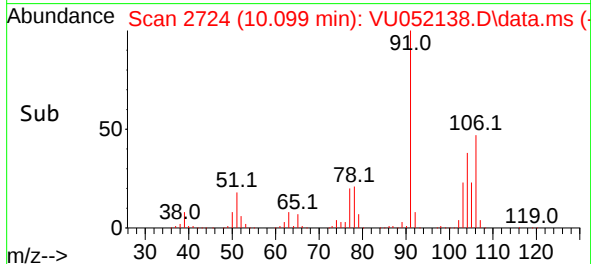
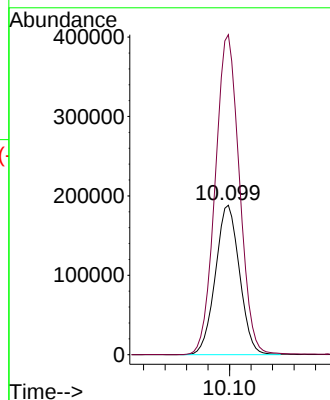
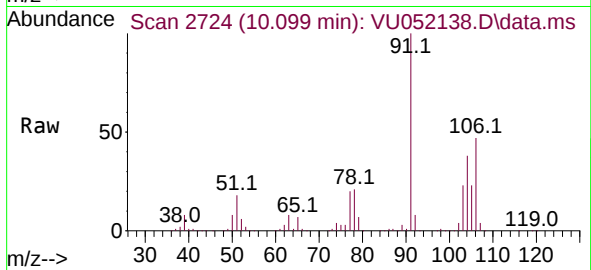




#54
o-Xylene
Concen: 51.447 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU052138.D
Acq: 25 Nov 2022 12:56

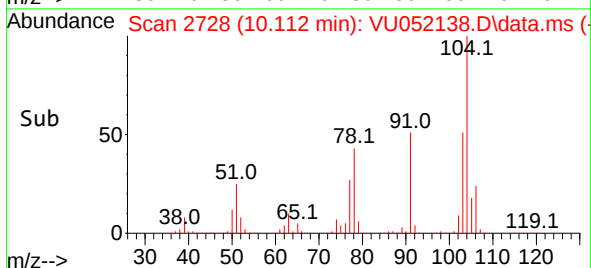
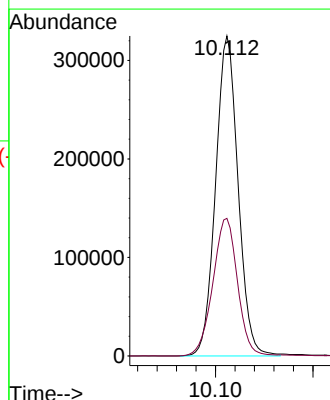
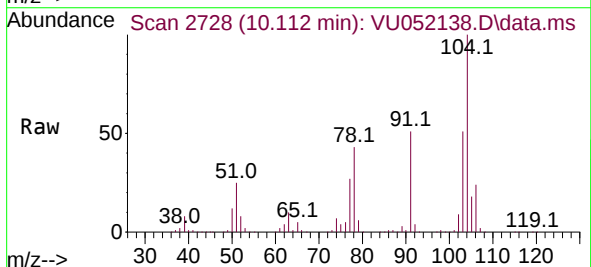
Instrument :
MSVOA_U
ClientSampleId :
VSTD050135

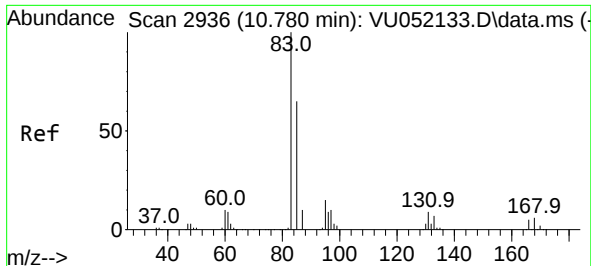
Tgt Ion:106 Resp: 293032
Ion Ratio Lower Upper
106 100
91 214.1 146.7 272.4



#55
Styrene
Concen: 53.944 ug/L
RT: 10.112 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU052138.D
Acq: 25 Nov 2022 12:56

Tgt Ion:104 Resp: 520532
Ion Ratio Lower Upper
104 100
78 43.0 31.2 58.0





#57

1,1,2,2-Tetrachloroethane

Concen: 51.264 ug/L

RT: 10.777 min Scan# 2935

Delta R.T. -0.003 min

Lab File: VU052138.D

Acq: 25 Nov 2022 12:56

Instrument :

MSVOA_U

ClientSampleId :

VSTD050135

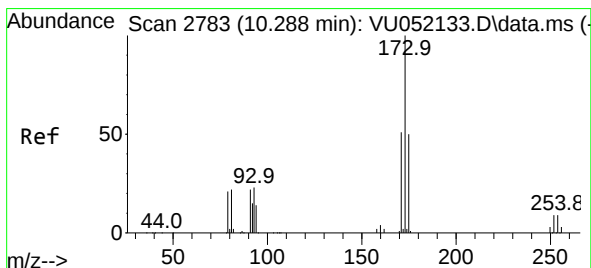
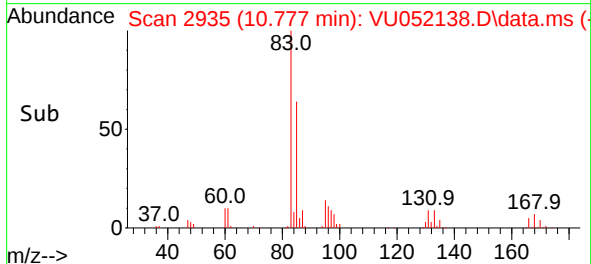
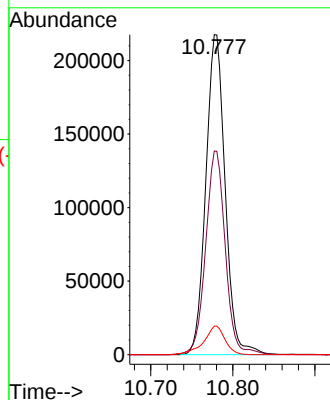
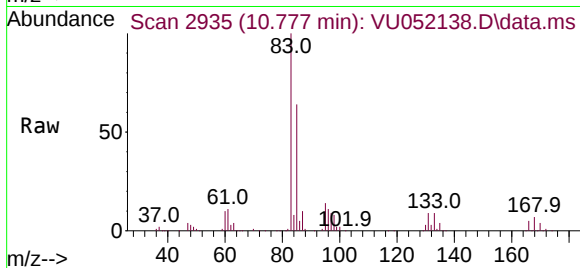
Tgt Ion: 83 Resp: 355760

Ion Ratio Lower Upper

83 100

85 63.7 45.4 84.2

131 8.9 7.3 10.9



#59

Bromoform

Concen: 47.964 ug/L

RT: 10.289 min Scan# 2783

Delta R.T. 0.000 min

Lab File: VU052138.D

Acq: 25 Nov 2022 12:56

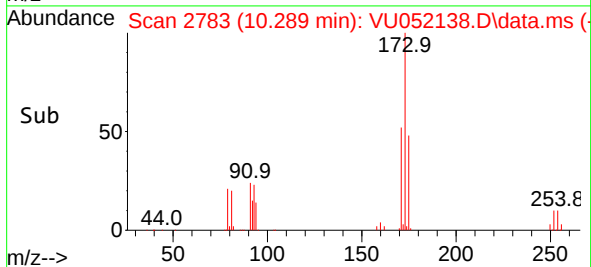
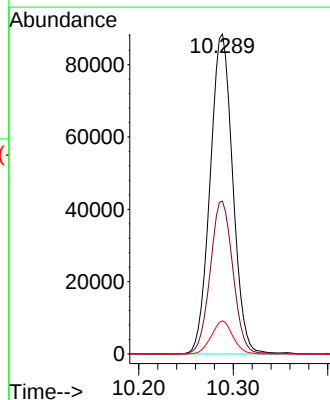
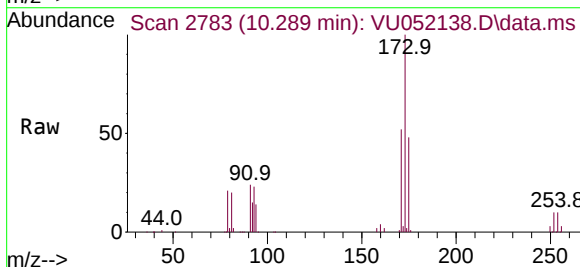
Tgt Ion:173 Resp: 147132

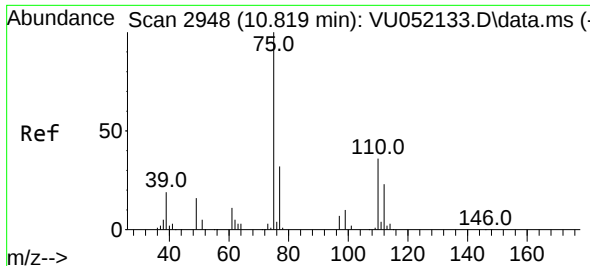
Ion Ratio Lower Upper

173 100

175 47.9 39.8 59.6

254 9.8 7.5 11.3

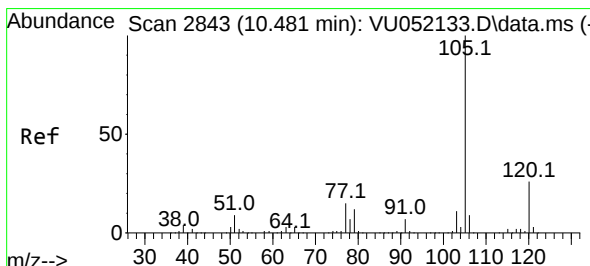
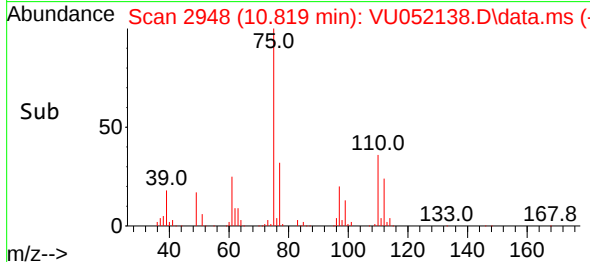
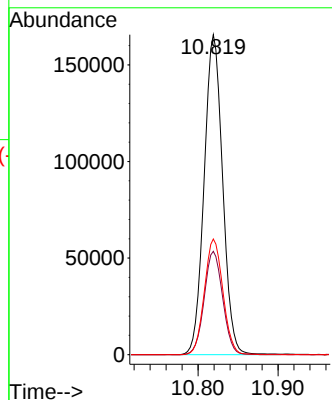
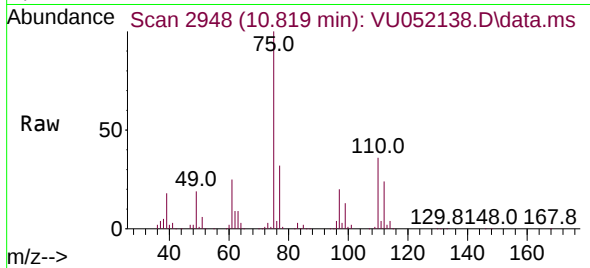




#60
1,2,3-Trichloropropane
Concen: 48.552 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VU052138.D
Acq: 25 Nov 2022 12:56

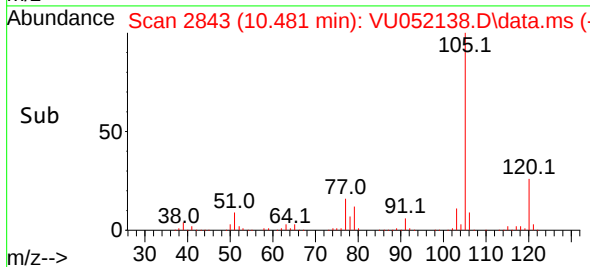
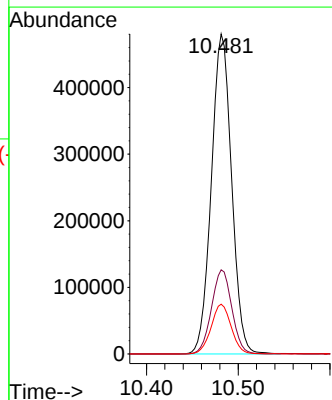
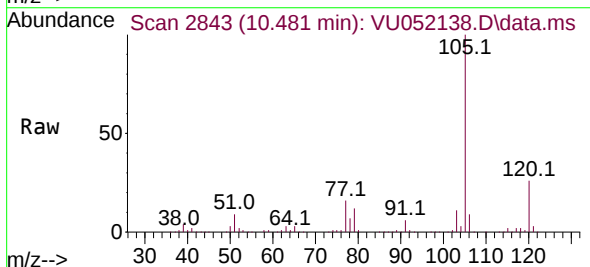
Instrument :
MSVOA_U
ClientSampleId :
VSTD050135

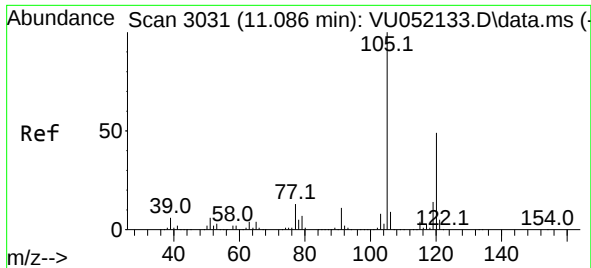
Tgt Ion: 75 Resp: 267032
Ion Ratio Lower Upper
75 100
77 32.2 26.0 39.0
110 36.1 29.0 43.4



#61
Isopropylbenzene
Concen: 51.025 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU052138.D
Acq: 25 Nov 2022 12:56

Tgt Ion: 105 Resp: 737447
Ion Ratio Lower Upper
105 100
120 26.4 21.1 31.7
77 15.5 12.4 18.6

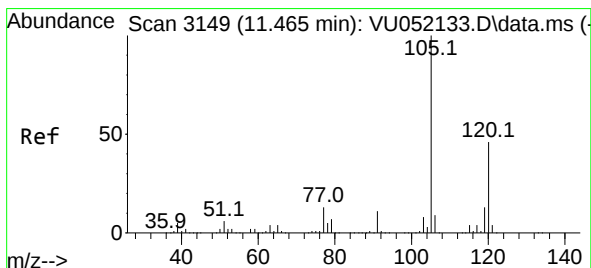
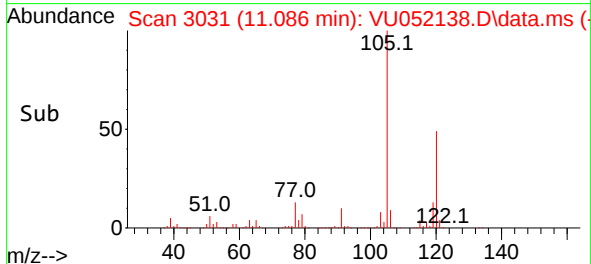
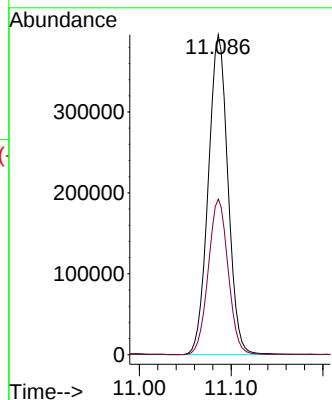
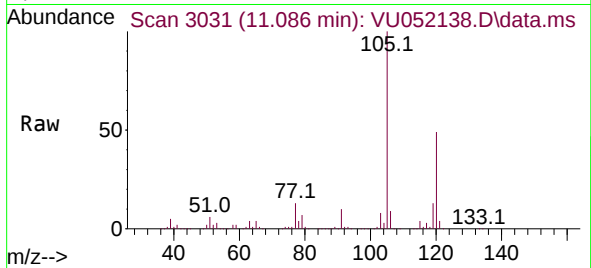




#62
 1,3,5-Trimethylbenzene
 Concen: 50.867 ug/L
 RT: 11.086 min Scan# 3031
 Delta R.T. 0.000 min
 Lab File: VU052138.D
 Acq: 25 Nov 2022 12:56

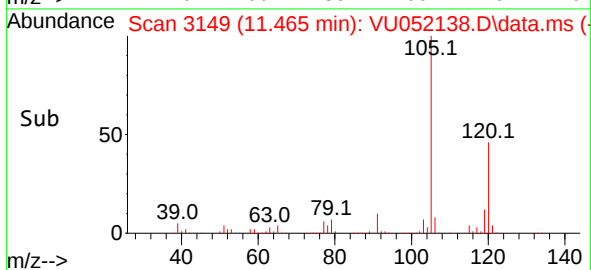
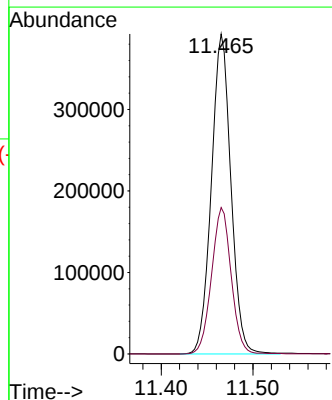
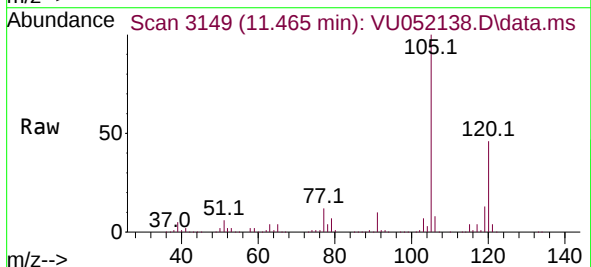
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050135

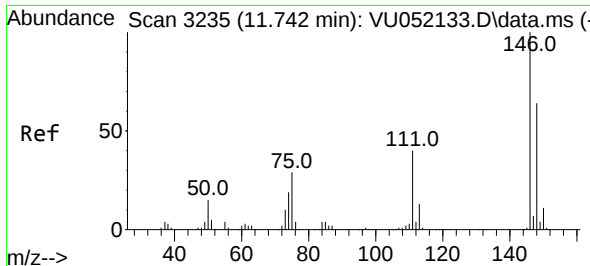
Tgt Ion:105 Resp: 587350
 Ion Ratio Lower Upper
 105 100
 120 49.3 39.3 58.9



#63
 1,2,4-Trimethylbenzene
 Concen: 51.701 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. 0.000 min
 Lab File: VU052138.D
 Acq: 25 Nov 2022 12:56

Tgt Ion:105 Resp: 581774
 Ion Ratio Lower Upper
 105 100
 120 45.9 36.1 54.1

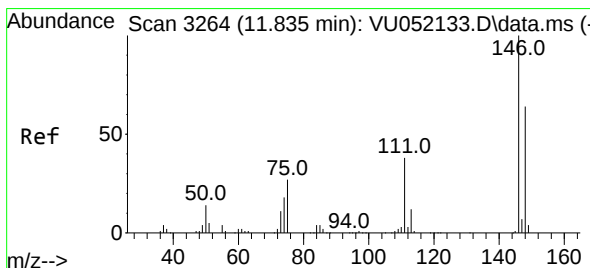
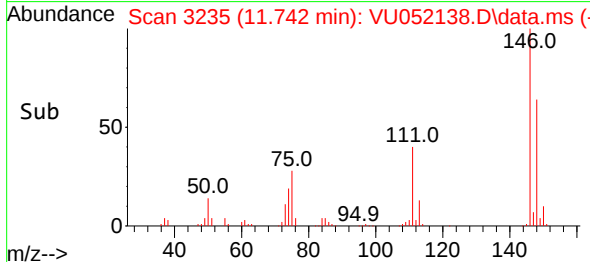
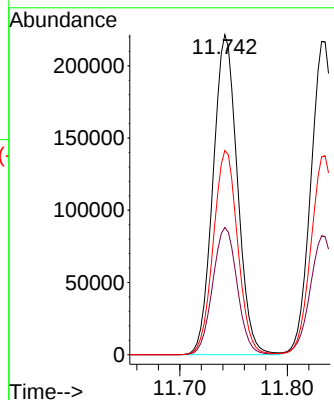
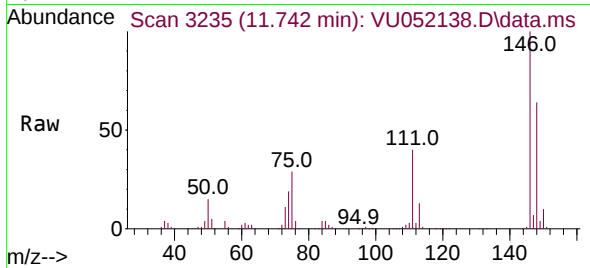




#64
1,3-Dichlorobenzene
Concen: 49.867 ug/L
RT: 11.742 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU052138.D
Acq: 25 Nov 2022 12:56

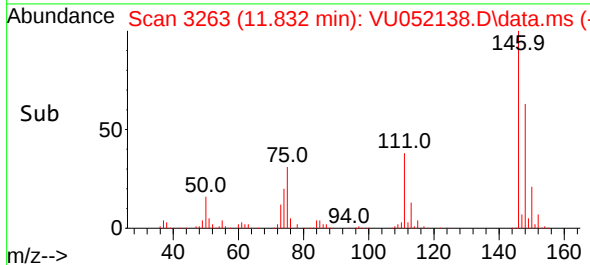
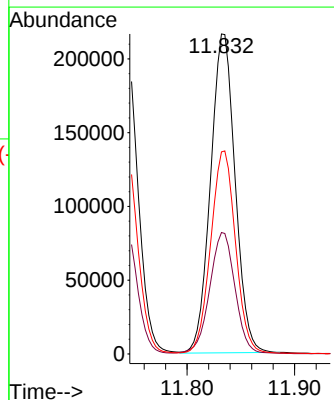
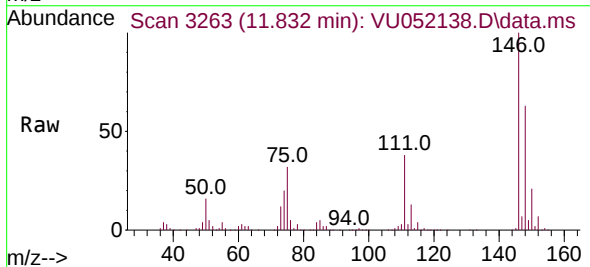
Instrument :
MSVOA_U
ClientSampleId :
VSTD050135

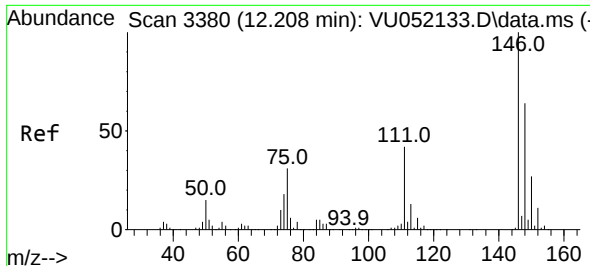
Tgt Ion:146 Resp: 349372
Ion Ratio Lower Upper
146 100
111 39.8 27.5 51.1
148 63.8 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 48.052 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.003 min
Lab File: VU052138.D
Acq: 25 Nov 2022 12:56

Tgt Ion:146 Resp: 343033
Ion Ratio Lower Upper
146 100
111 38.0 27.6 51.2
148 63.1 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 49.993 ug/L

RT: 12.208 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU052138.D

Acq: 25 Nov 2022 12:56

Instrument :

MSVOA_U

ClientSampleId :

VSTD050135

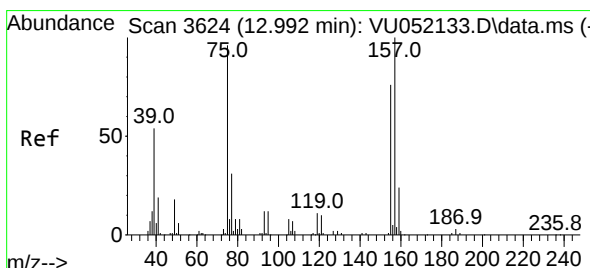
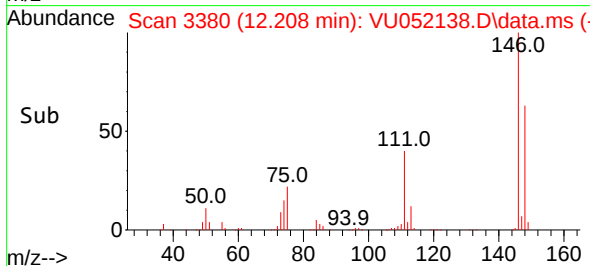
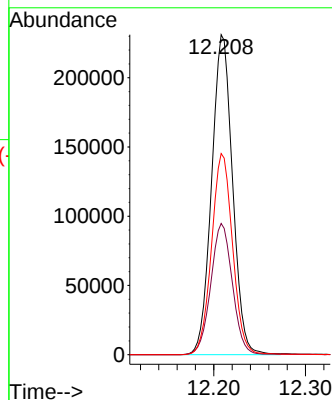
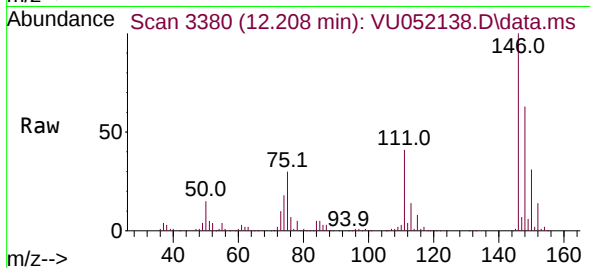
Tgt Ion:146 Resp: 366983

Ion Ratio Lower Upper

146 100

111 41.0 34.2 51.4

148 62.8 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 47.548 ug/L

RT: 12.993 min Scan# 3624

Delta R.T. 0.000 min

Lab File: VU052138.D

Acq: 25 Nov 2022 12:56

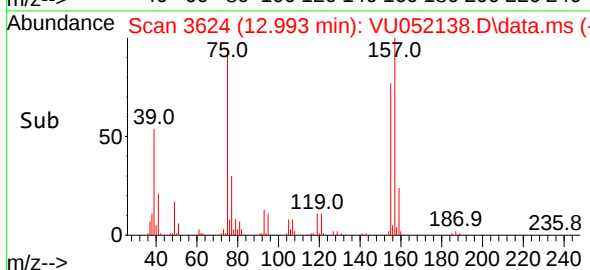
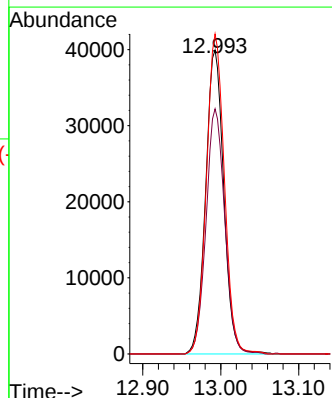
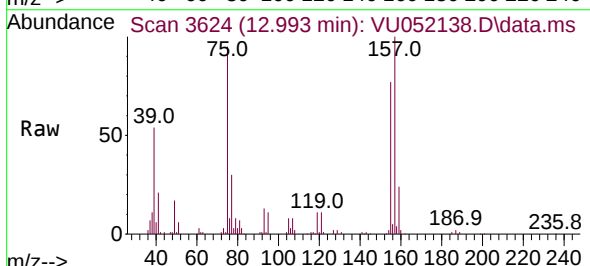
Tgt Ion: 75 Resp: 64429

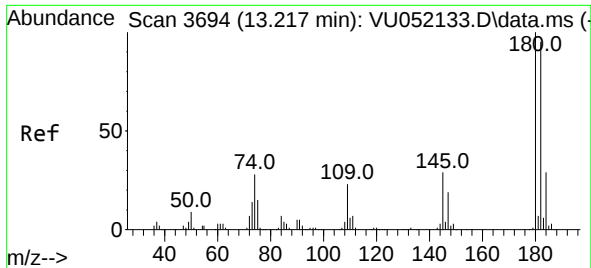
Ion Ratio Lower Upper

75 100

155 80.6 66.3 99.5

157 105.2 82.8 124.2

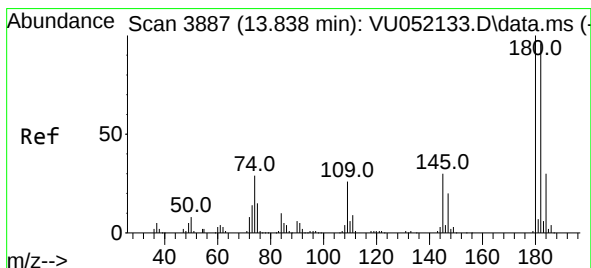
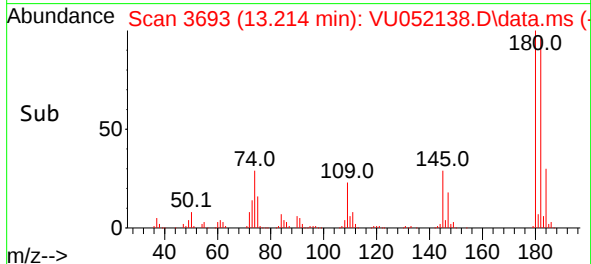
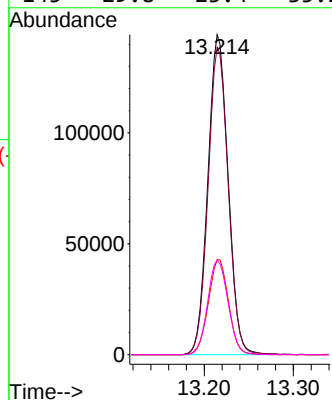
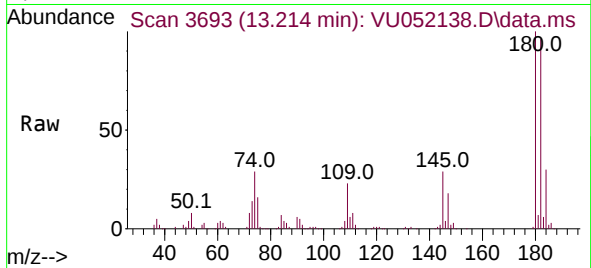




#69
1,3,5-Trichlorobenzene
Concen: 48.610 ug/L
RT: 13.214 min Scan# 3693
Delta R.T. -0.003 min
Lab File: VU052138.D
Acq: 25 Nov 2022 12:56

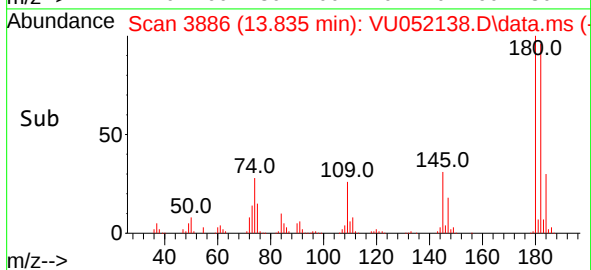
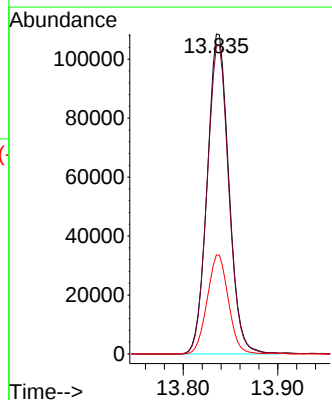
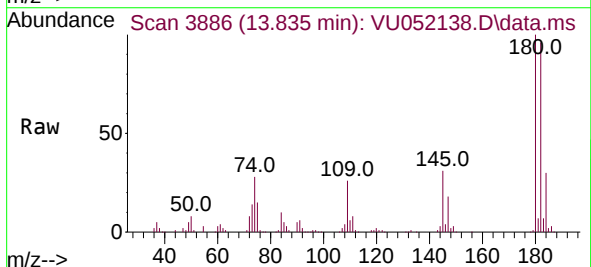
Instrument :
MSVOA_U
ClientSampleId :
VSTD050135

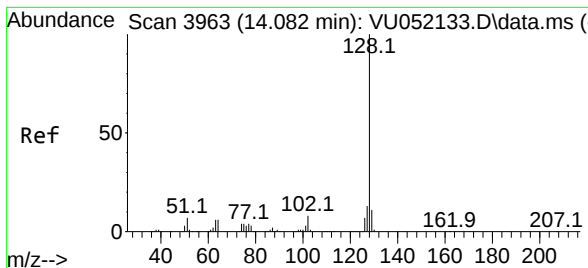
Tgt Ion:180 Resp: 227364
Ion Ratio Lower Upper
180 100
182 95.5 77.2 115.8
184 29.7 24.6 36.8
145 29.8 23.4 35.2



#70
1,2,4-trichlorobenzene
Concen: 45.952 ug/L
RT: 13.835 min Scan# 3886
Delta R.T. -0.003 min
Lab File: VU052138.D
Acq: 25 Nov 2022 12:56

Tgt Ion:180 Resp: 172652
Ion Ratio Lower Upper
180 100
182 96.8 75.4 113.2
145 30.3 23.4 35.0



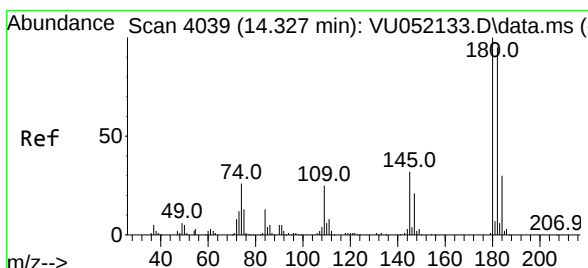
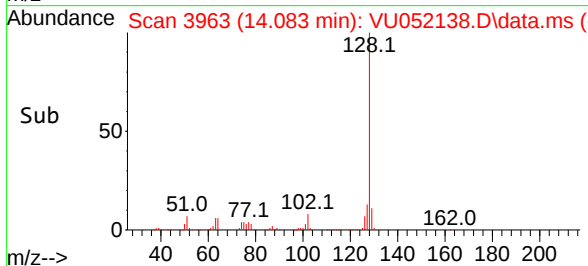
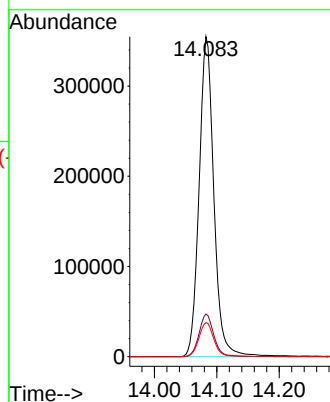
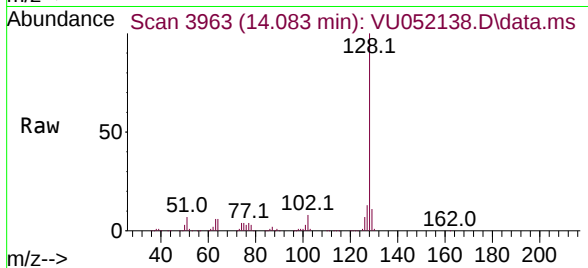


#71
Naphthalene
Concen: 47.659 ug/L
RT: 14.083 min Scan# 3963
Delta R.T. 0.000 min
Lab File: VU052138.D
Acq: 25 Nov 2022 12:56

Instrument :
MSVOA_U
ClientSampleId :
VSTD050135

Tgt Ion:128 Resp: 582964

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.3	15.5
129	10.7	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 49.638 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU052138.D
Acq: 25 Nov 2022 12:56

Tgt Ion:180 Resp: 202051

Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.1	114.1
145	31.3	25.8	38.6

