

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102822\
 Data File : VU051566.D
 Acq On : 28 Oct 2022 14:01
 Operator : JC/MD
 Sample : VSTD00564
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 28 22:31:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 22:30:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	218972	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	225881	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	118870	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	84360	5.115	ug/L	0.00
7) Chloroethane-d5	1.912	69	90971	5.289	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.562	65	30249	5.054	ug/L	0.00
20) 2-Butanone-d5	4.636	46	337336	56.480	ug/L	0.00
24) Chloroform-d	5.063	84	206956	5.363	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	109057	5.231	ug/L	0.00
32) Benzene-d6	5.726	84	378221	5.306	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	131148	5.262	ug/L	0.00
41) Toluene-d8	7.896	98	304805	5.438	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	40806	5.354	ug/L	0.00
46) 2-Hexanone-d5	8.632	63	259549	56.573	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.755	84	123169	5.392	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	112732	5.167	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	117997	4.927	ug/L	100
3) Chloromethane	1.523	50	156285	5.177	ug/L	100
5) Vinyl chloride	1.601	62	149473	5.169	ug/L	100
6) Bromomethane	1.855	94	68673	5.009	ug/L	100
8) Chloroethane	1.932	64	90964	5.180	ug/L	100
9) Trichlorofluoromethane	2.134	101	156978	4.945	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	91643	4.911	ug/L	100
12) 1,1-Dichloroethene	2.578	96	96881	5.089	ug/L	100
13) Acetone	2.649	43	161684	53.353	ug/L	100
14) Carbon disulfide	2.790	76	312715	5.096	ug/L	100
15) Methyl Acetate	2.954	43	42269	5.328	ug/L	100
16) Methylene chloride	3.044	84	130519	4.186	ug/L	100
17) Methyl tert-butyl Ether	3.363	73	230189	5.273	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	106039	5.190	ug/L	100
19) 1,1-Dichloroethane	3.867	63	198487	5.267	ug/L	100
21) 2-Butanone	4.713	43	262693	55.354	ug/L	100
22) cis-1,2-Dichloroethene	4.665	96	116962	5.174	ug/L	100
23) Bromochloromethane	4.973	128	55003	5.204	ug/L	100
25) Chloroform	5.086	83	208020	5.321	ug/L	100
27) 1,2-Dichloroethane	5.793	62	128349	5.335	ug/L	100
29) 1,1,1-Trichloroethane	5.314	97	157697	5.142	ug/L	100
30) Cyclohexane	5.385	56	137025	4.852	ug/L	100
31) Carbon tetrachloride	5.523	117	131458	5.012	ug/L	100
33) Benzene	5.771	78	468531	5.256	ug/L	100
34) Trichloroethene	6.539	95	110711	5.147	ug/L	100
35) Methylcyclohexane	6.761	83	144518	4.859	ug/L	100
37) 1,2-Dichloropropane	6.790	63	120275	5.246	ug/L	100
38) Bromodichloromethane	7.105	83	144547	5.162	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	150905	5.130	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	631658	54.928	ug/L	100
42) Toluene	7.967	91	489106	5.343	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	130883	5.325	ug/L	100

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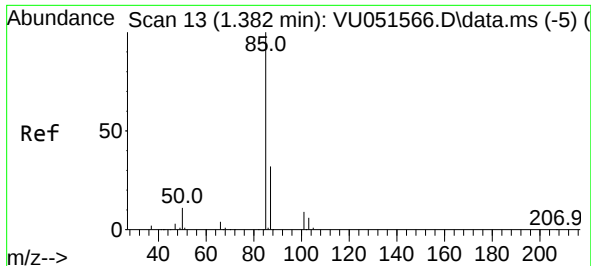
Instrument :
 MSVOA_U
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.398	97	88246	5.253	ug/L	100
47) Tetrachloroethene	8.552	164	84725	5.143	ug/L	100
48) 2-Hexanone	8.684	43	477702	56.120	ug/L	100
49) Dibromochloromethane	8.809	129	99273	5.172	ug/L	100
50) 1,2-Dibromoethane	8.922	107	81132	5.353	ug/L	100
51) Chlorobenzene	9.443	112	299279	5.194	ug/L	100
52) Ethylbenzene	9.568	91	460639	5.215	ug/L	100
53) m,p-Xylene	9.693	106	183734	5.355	ug/L	100
54) o-Xylene	10.099	106	182361	5.439	ug/L	100
55) Styrene	10.111	104	313194	5.587	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	110797	5.319	ug/L	100
59) Bromoform	10.288	173	55028	5.010	ug/L	100
60) Isopropylbenzene	10.481	105	449011	5.174	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	76988	5.008	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	113727	4.868	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	338672	5.028	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	217847	5.043	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	214862	4.960	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	210035	4.991	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.992	75	15218	4.808	ug/L	100
69) 1,3,5-Trichlorobenzene	13.217	180	147978	4.806	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	108019	4.569	ug/L	100
71) Naphthalene	14.086	128	192374	4.359	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	111298	4.662	ug/L	100

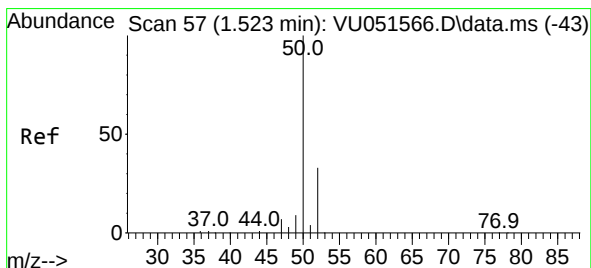
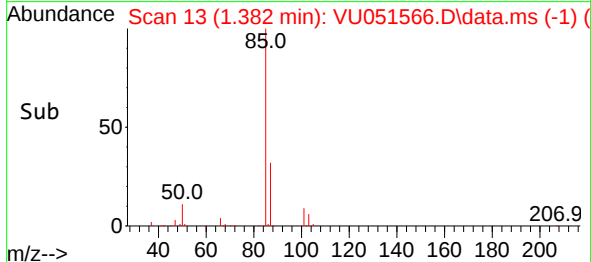
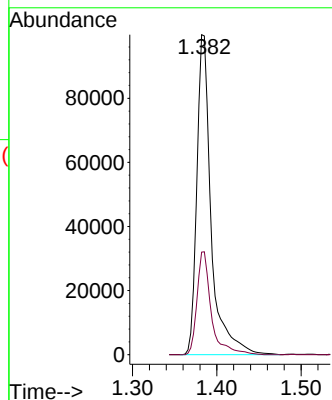
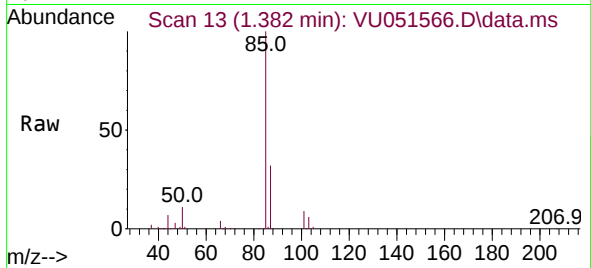
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 4.927 ug/L
RT: 1.382 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU051566.D
Acq: 28 Oct 2022 14:01

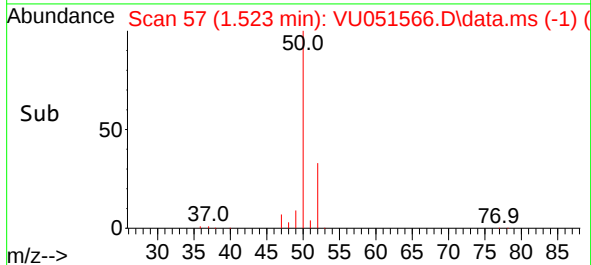
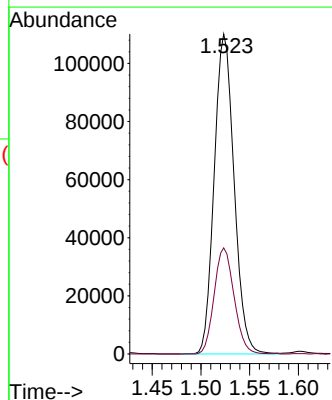
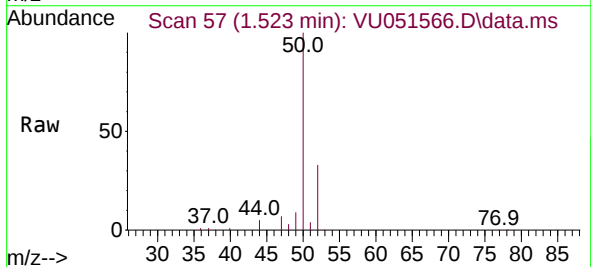
Instrument :
MSVOA_U
ClientSampleId :

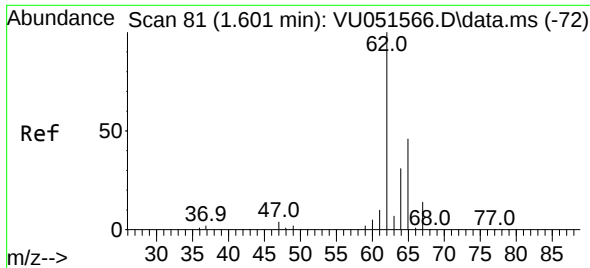
Tgt Ion: 85 Resp: 117997
Ion Ratio Lower Upper
85 100
87 32.1 25.7 38.5



#3
Chloromethane
Concen: 5.177 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU051566.D
Acq: 28 Oct 2022 14:01

Tgt Ion: 50 Resp: 156285
Ion Ratio Lower Upper
50 100
52 33.2 23.2 43.2

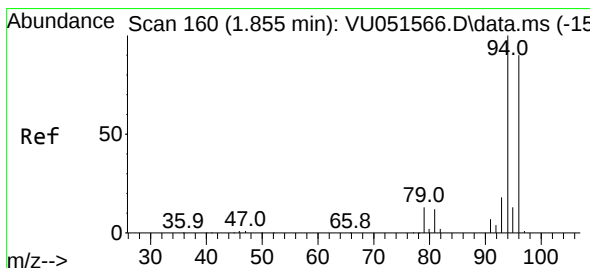
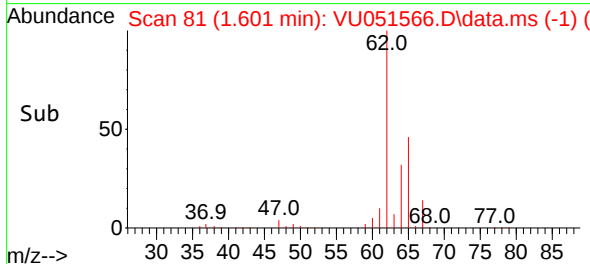
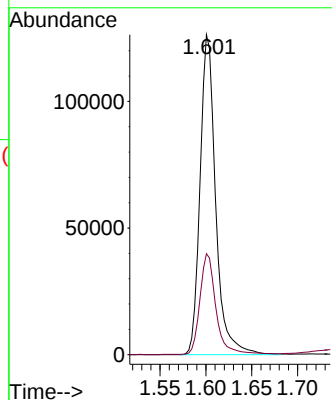
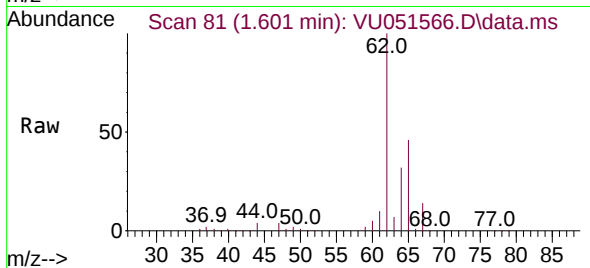




#5
 Vinyl chloride
 Concen: 5.169 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU051566.D
 Acq: 28 Oct 2022 14:01

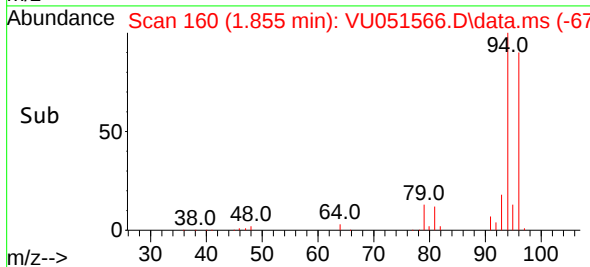
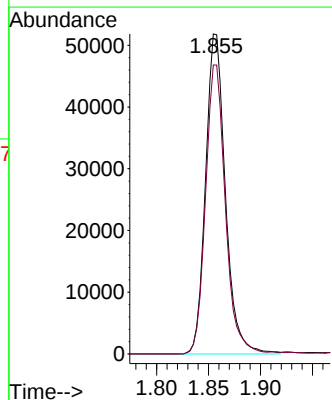
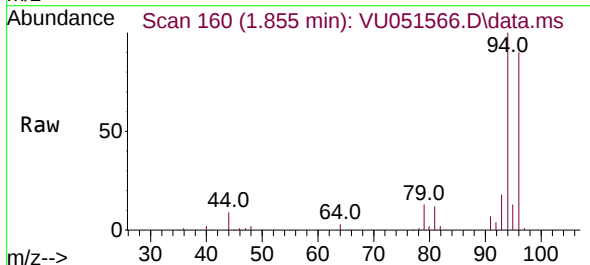
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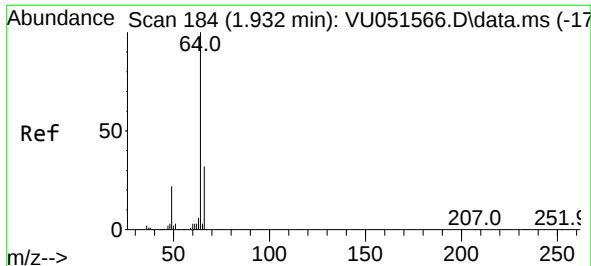
Tgt Ion: 62 Resp: 149473
 Ion Ratio Lower Upper
 62 100
 64 31.6 22.1 41.1



#6
 Bromomethane
 Concen: 5.009 ug/L
 RT: 1.855 min Scan# 160
 Delta R.T. 0.000 min
 Lab File: VU051566.D
 Acq: 28 Oct 2022 14:01

Tgt Ion: 94 Resp: 68673
 Ion Ratio Lower Upper
 94 100
 96 90.3 63.2 117.4

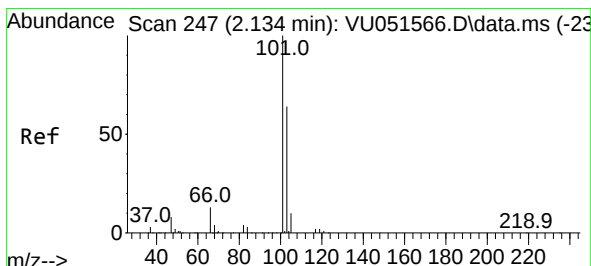
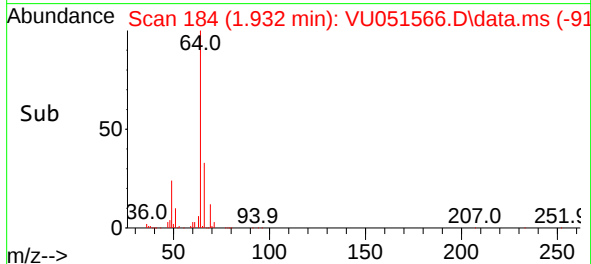
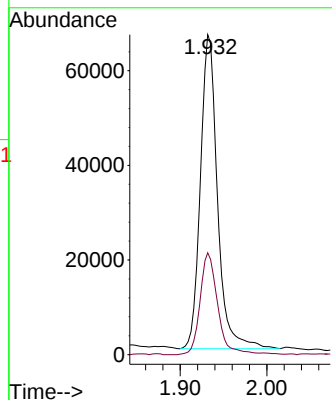
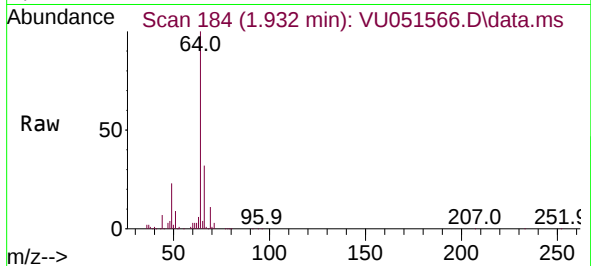




#8
Chloroethane
Concen: 5.180 ug/L
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU051566.D
Acq: 28 Oct 2022 14:01

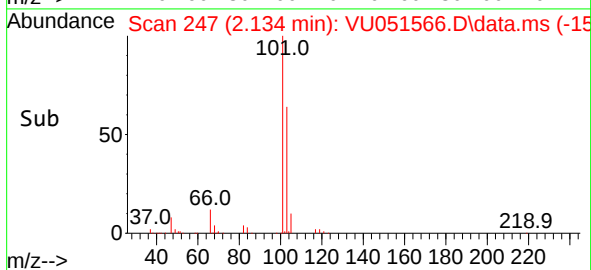
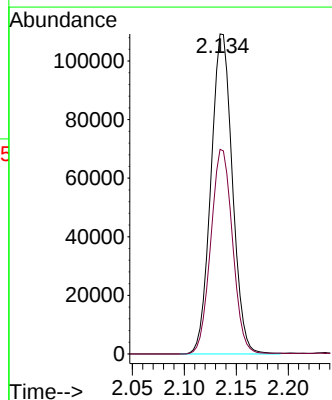
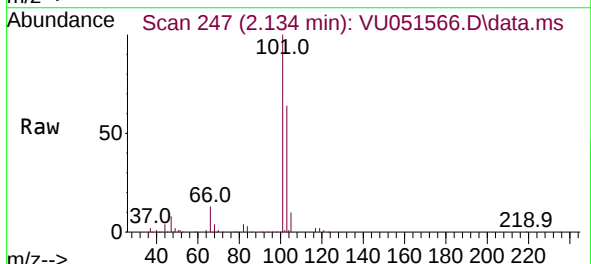
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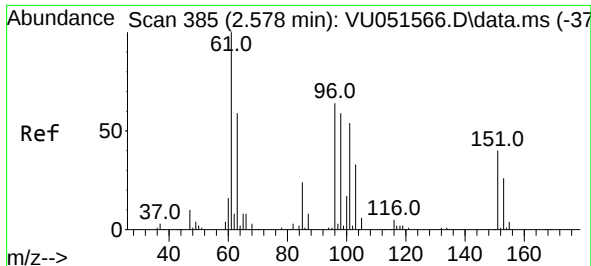
Tgt Ion: 64 Resp: 90964
Ion Ratio Lower Upper
64 100
66 31.9 22.3 41.5



#9
Trichlorofluoromethane
Concen: 4.945 ug/L
RT: 2.134 min Scan# 247
Delta R.T. 0.000 min
Lab File: VU051566.D
Acq: 28 Oct 2022 14:01

Tgt Ion: 101 Resp: 156978
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.6

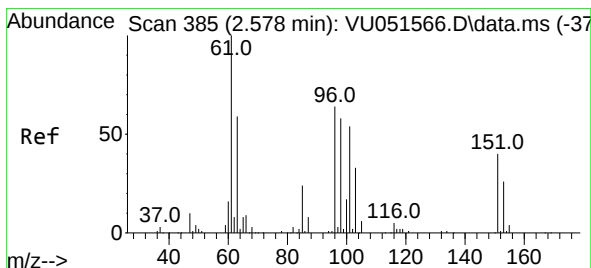
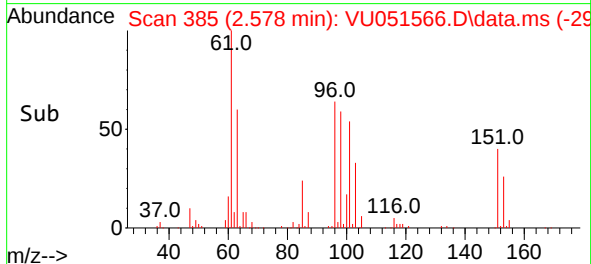
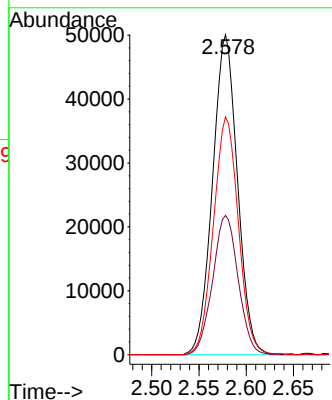
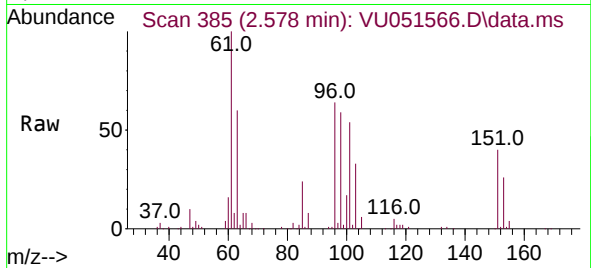




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.911 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU051566.D
 Acq: 28 Oct 2022 14:01

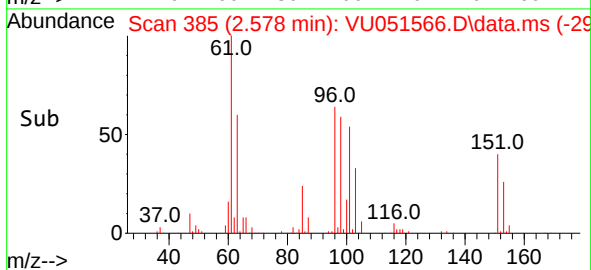
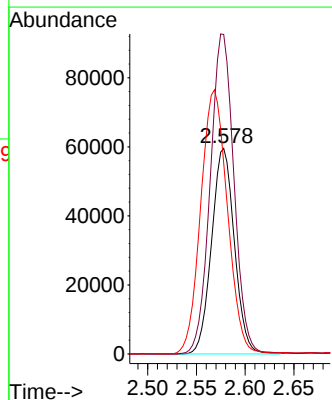
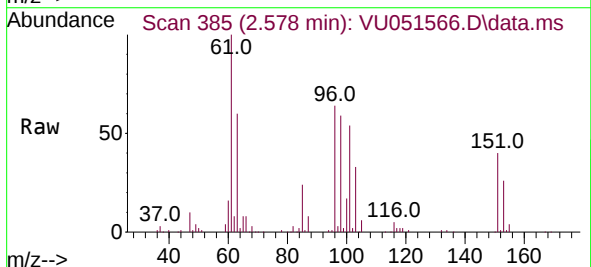
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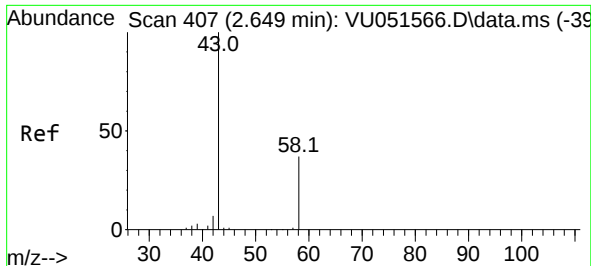
Tgt Ion:101 Resp: 91643
 Ion Ratio Lower Upper
 101 100
 85 44.5 35.6 53.4
 151 74.5 59.6 89.4



#12
 1,1-Dichloroethene
 Concen: 5.089 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU051566.D
 Acq: 28 Oct 2022 14:01

Tgt Ion: 96 Resp: 96881
 Ion Ratio Lower Upper
 96 100
 61 155.4 108.8 202.0
 63 92.7 64.9 120.5





#13

Acetone

Concen: 53.353 ug/L

RT: 2.649 min Scan# 407

Delta R.T. 0.000 min

Lab File: VU051566.D

Acq: 28 Oct 2022 14:01

Instrument :

MSVOA_U

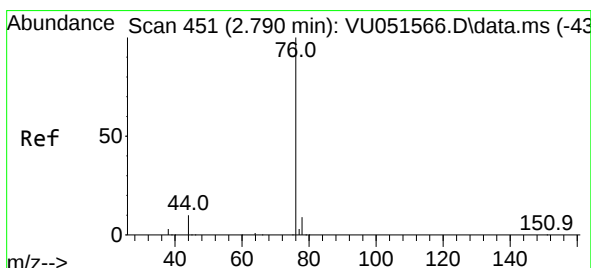
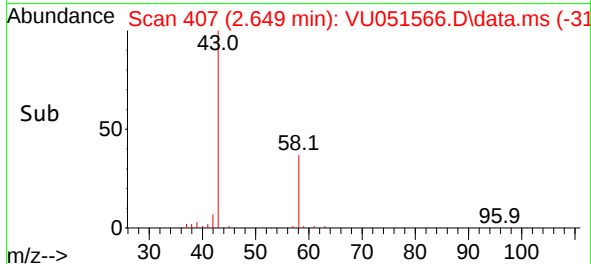
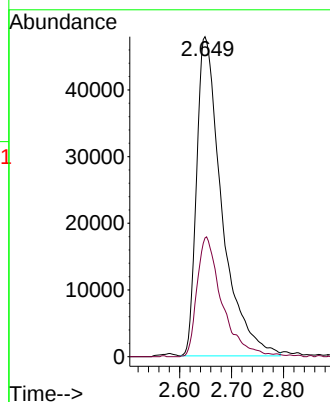
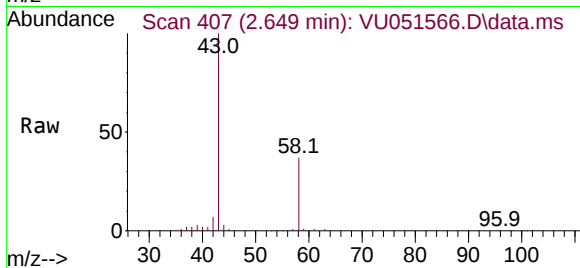
ClientSampleId :

Tgt Ion: 43 Resp: 161684

Ion Ratio Lower Upper

43 100

58 36.9 0.0 73.8



#14

Carbon disulfide

Concen: 5.096 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU051566.D

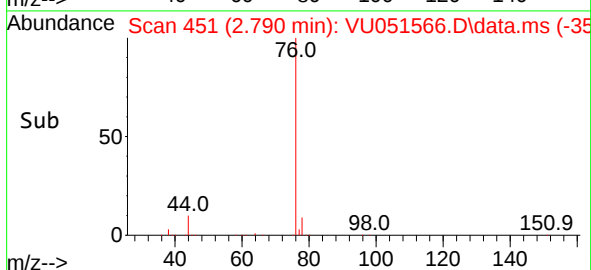
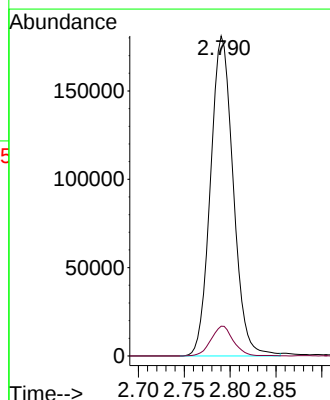
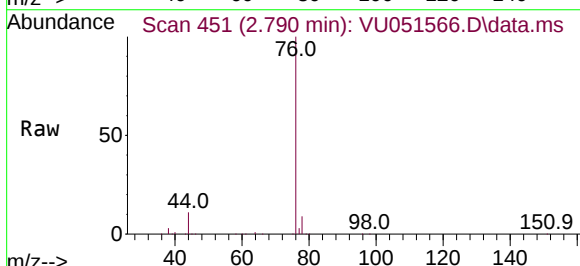
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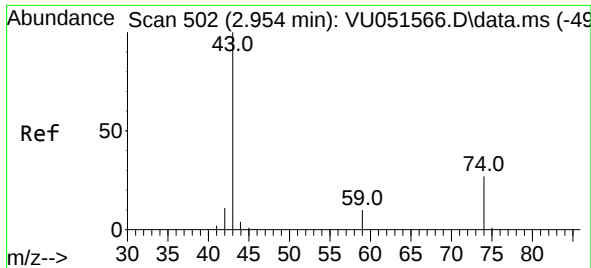
Tgt Ion: 76 Resp: 312715

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

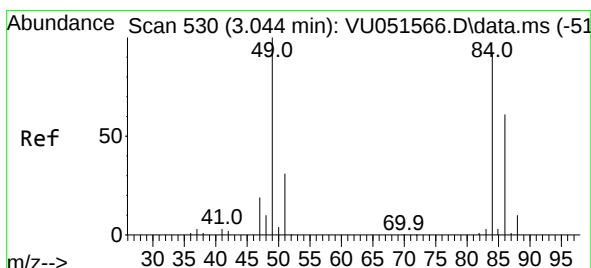
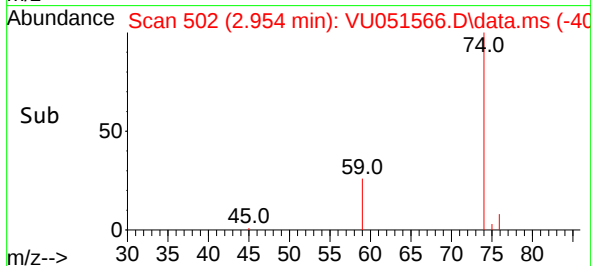
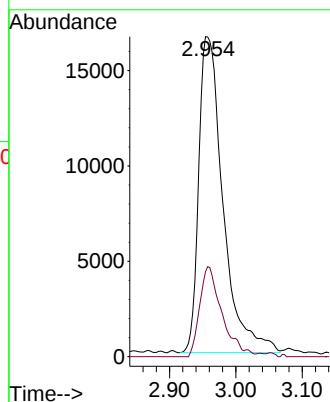
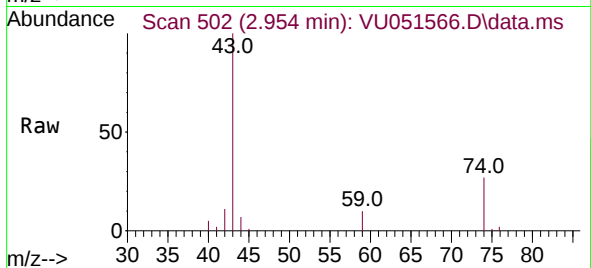




#15
Methyl Acetate
Concen: 5.328 ug/L
RT: 2.954 min Scan# 502
Delta R.T. 0.000 min
Lab File: VU051566.D
Acq: 28 Oct 2022 14:01

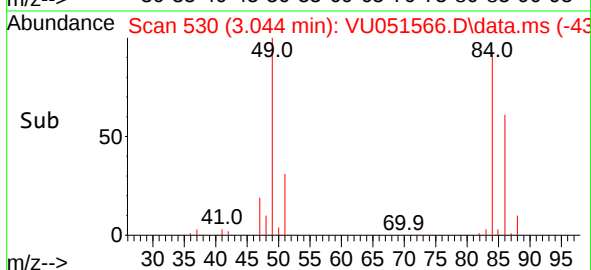
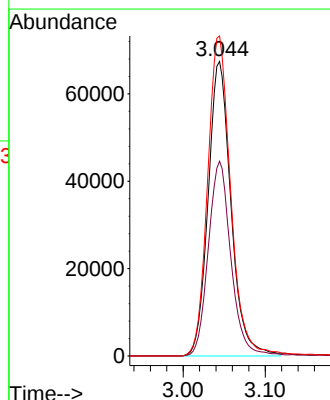
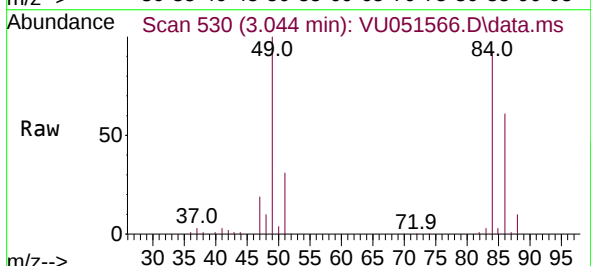
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ClientSampleId :

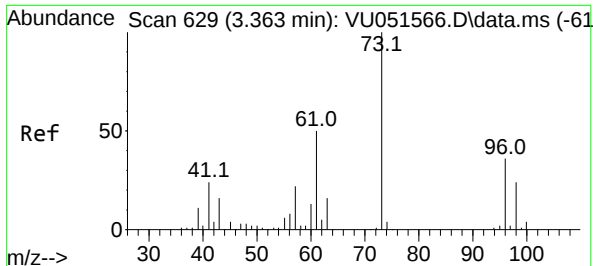
Tgt Ion: 43 Resp: 42269
Ion Ratio Lower Upper
43 100
74 25.3 20.2 30.4



#16
Methylene chloride
Concen: 4.186 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU051566.D
Acq: 28 Oct 2022 14:01

Tgt Ion: 84 Resp: 130519
Ion Ratio Lower Upper
84 100
86 66.1 46.3 85.9
49 108.6 76.0 141.2





#17

Methyl tert-butyl Ether

Concen: 5.273 ug/L

RT: 3.363 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU051566.D

Acq: 28 Oct 2022 14:01

Instrument :

MSVOA_U

ClientSampleId :

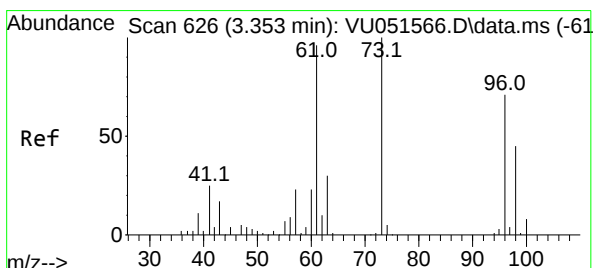
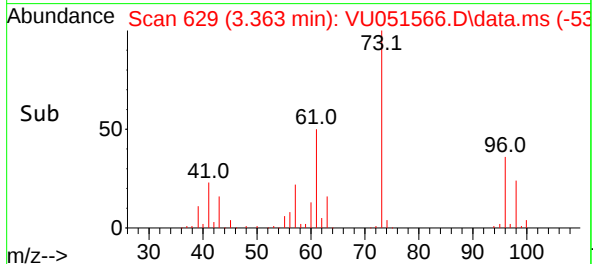
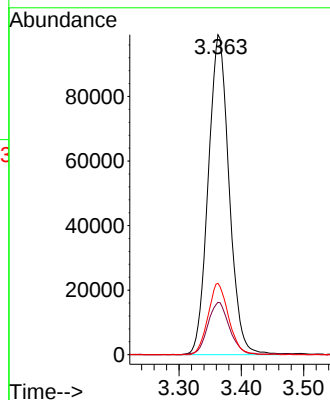
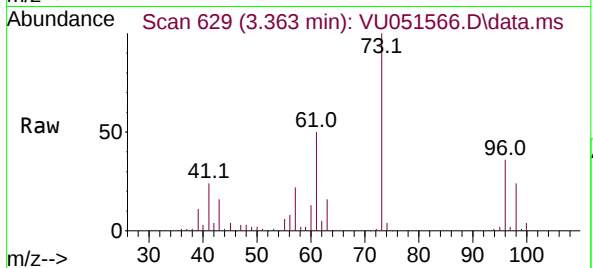
Tgt Ion: 73 Resp: 230189

Ion Ratio Lower Upper

73 100

43 17.0 13.6 20.4

57 21.9 17.5 26.3



#18

trans-1,2-Dichloroethene

Concen: 5.190 ug/L

RT: 3.353 min Scan# 626

Delta R.T. 0.000 min

Lab File: VU051566.D

Acq: 28 Oct 2022 14:01

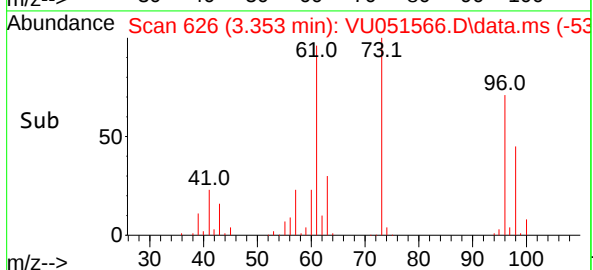
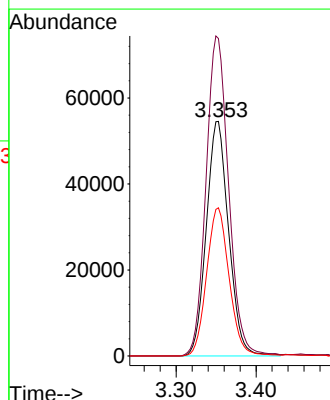
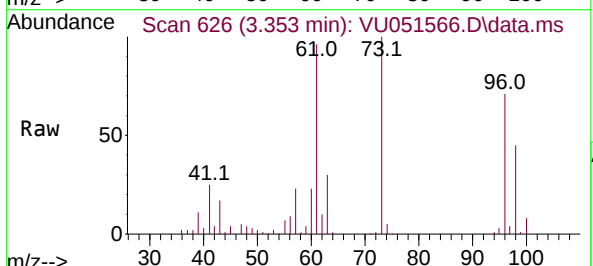
Tgt Ion: 96 Resp: 106039

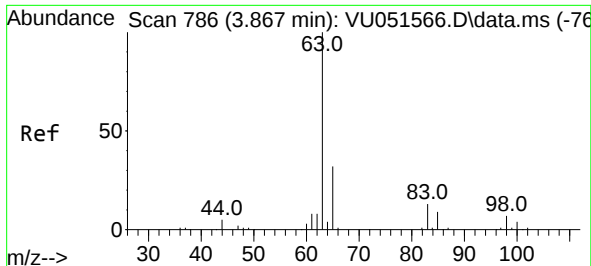
Ion Ratio Lower Upper

96 100

61 135.3 94.7 175.9

98 63.1 44.2 82.0





#19

1,1-Dichloroethane

Concen: 5.267 ug/L

RT: 3.867 min Scan# 786

Delta R.T. 0.000 min

Lab File: VU051566.D

Acq: 28 Oct 2022 14:01

Instrument :

MSVOA_U

ClientSampleId :

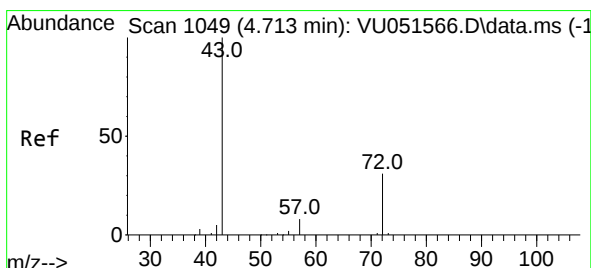
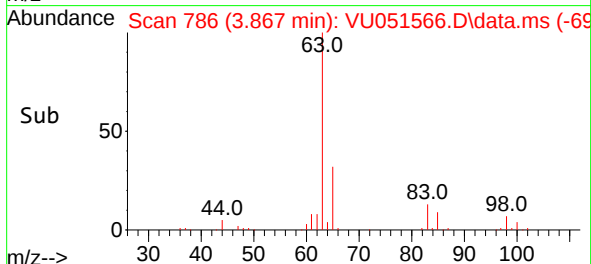
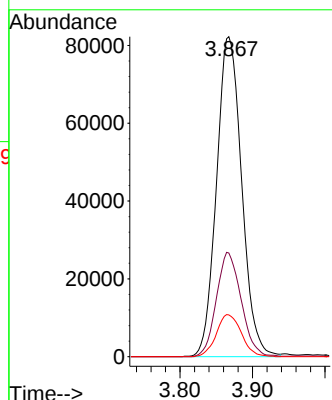
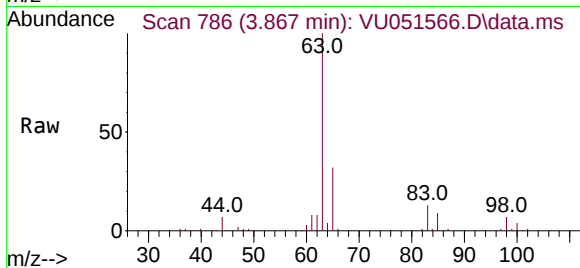
Tgt Ion: 63 Resp: 198487

Ion Ratio Lower Upper

63 100

65 32.4 22.7 42.1

83 13.1 9.2 17.0



#21

2-Butanone

Concen: 55.354 ug/L

RT: 4.713 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VU051566.D

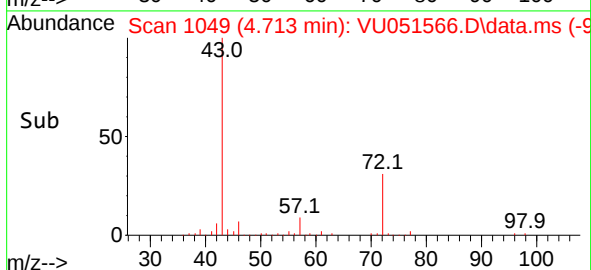
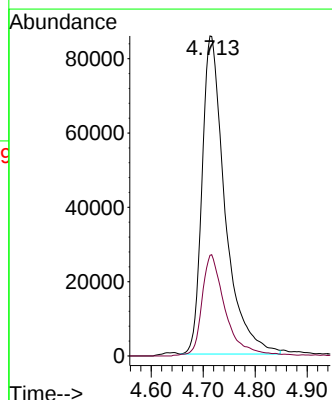
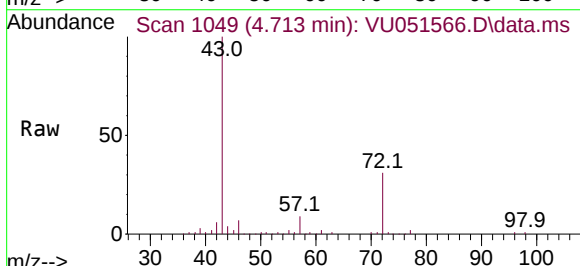
Acq: 28 Oct 2022 14:01

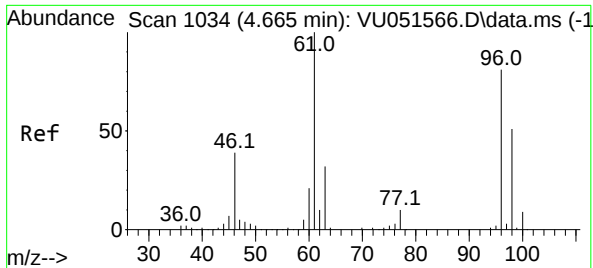
Tgt Ion: 43 Resp: 262693

Ion Ratio Lower Upper

43 100

72 32.3 16.2 48.5



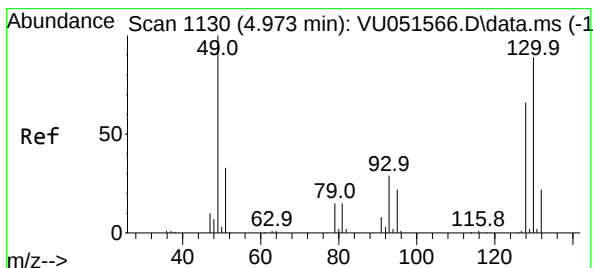
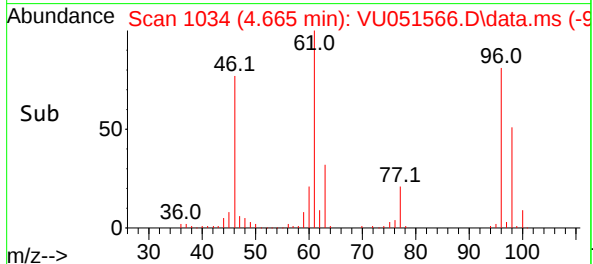
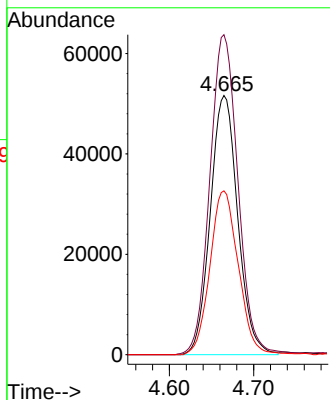
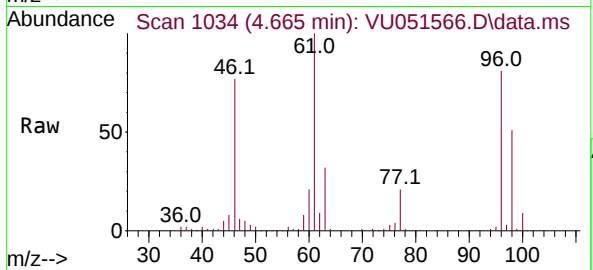


#22
 cis-1,2-Dichloroethene
 Concen: 5.174 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU051566.D
 Acq: 28 Oct 2022 14:01

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 96 Resp: 116962

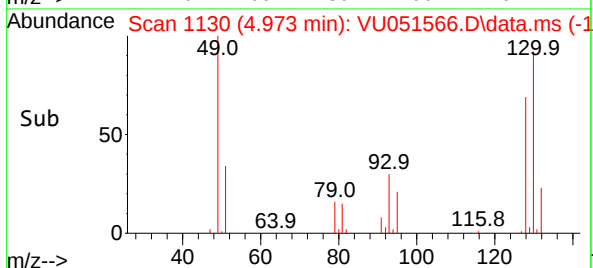
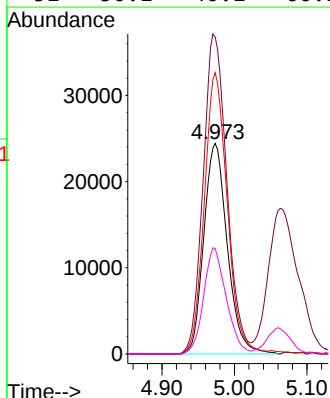
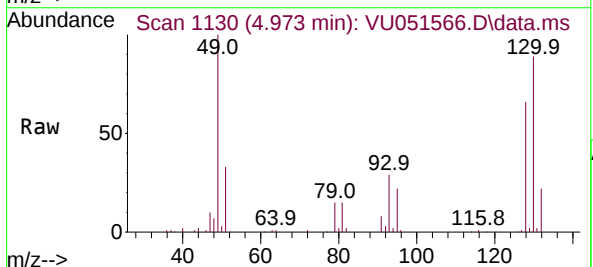
Ion	Ratio	Lower	Upper
96	100		
61	123.4	86.4	160.4
98	63.2	44.2	82.2

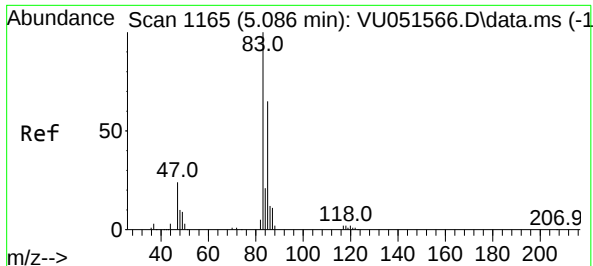


#23
 Bromochloromethane
 Concen: 5.204 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VU051566.D
 Acq: 28 Oct 2022 14:01

Tgt Ion: 128 Resp: 55003

Ion	Ratio	Lower	Upper
128	100		
49	150.7	105.5	195.9
130	133.6	93.5	173.7
51	50.1	40.1	60.1





#25

Chloroform

Concen: 5.321 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051566.D

Acq: 28 Oct 2022 14:01

Instrument :

MSVOA_U

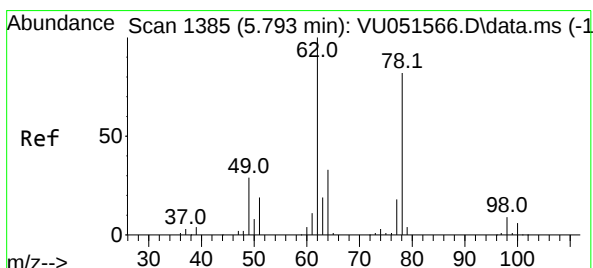
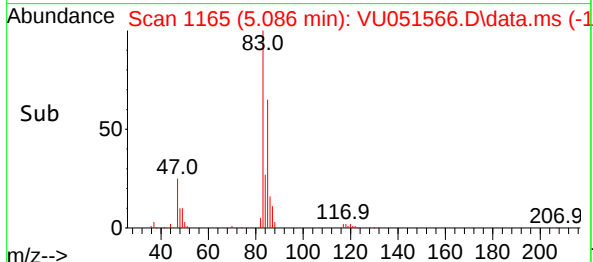
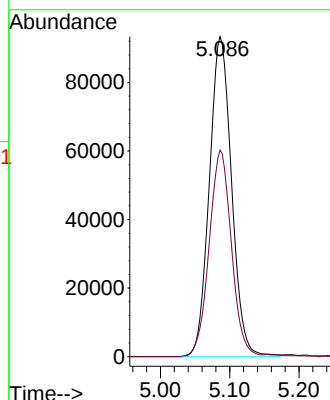
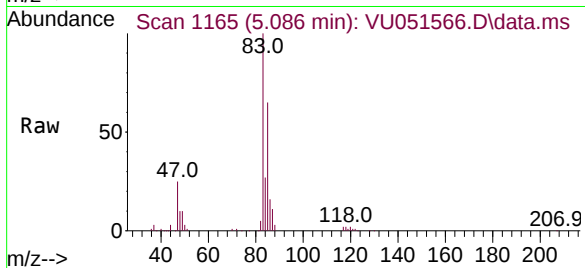
ClientSampleId :

Tgt Ion: 83 Resp: 208020

Ion Ratio Lower Upper

83 100

85 64.6 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.335 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU051566.D

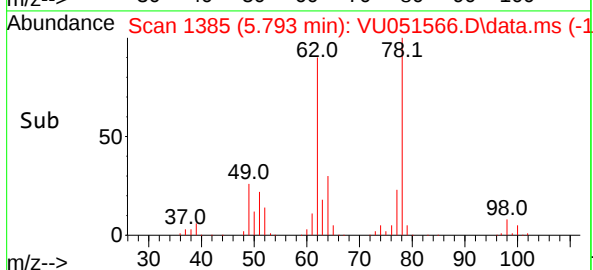
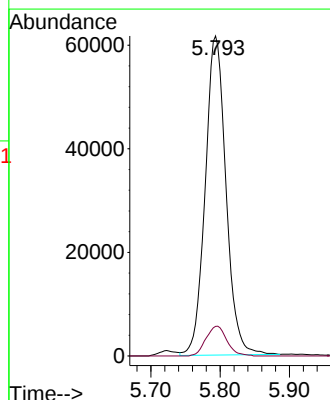
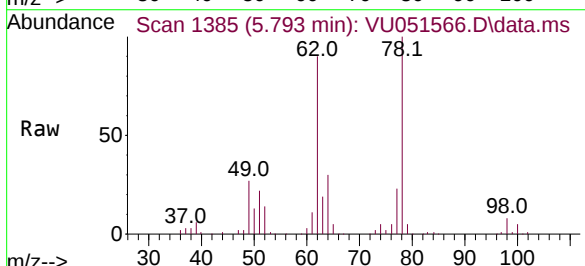
Acq: 28 Oct 2022 14:01

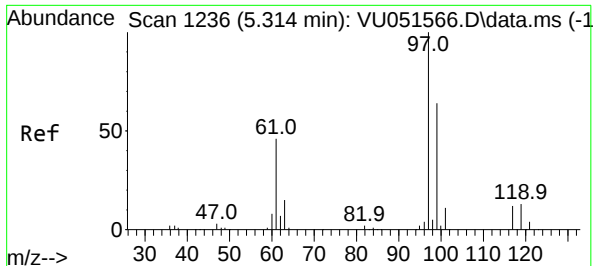
Tgt Ion: 62 Resp: 128349

Ion Ratio Lower Upper

62 100

98 9.2 7.4 11.0

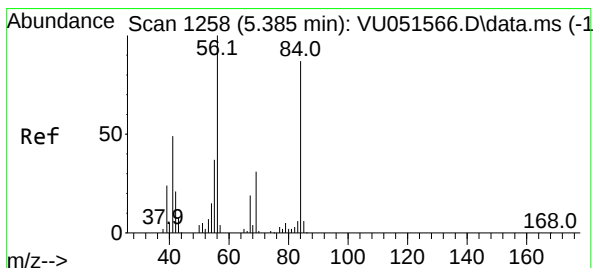
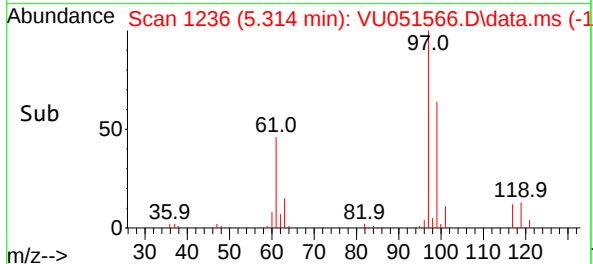
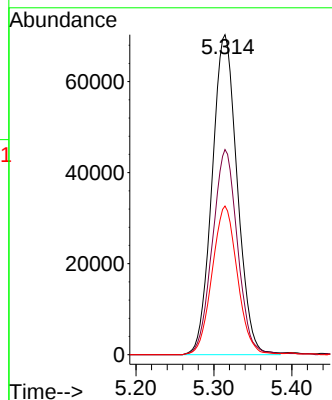
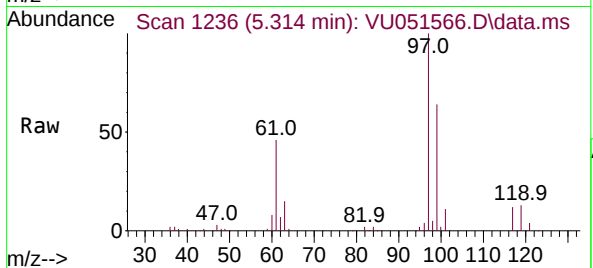




#29
1,1,1-Trichloroethane
Concen: 5.142 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VU051566.D
Acq: 28 Oct 2022 14:01

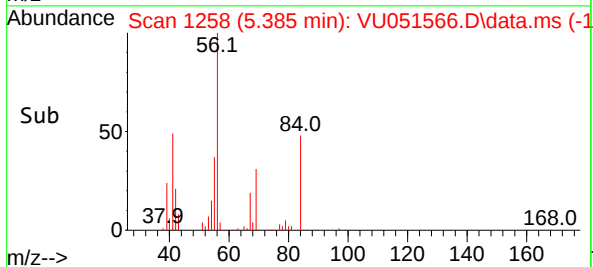
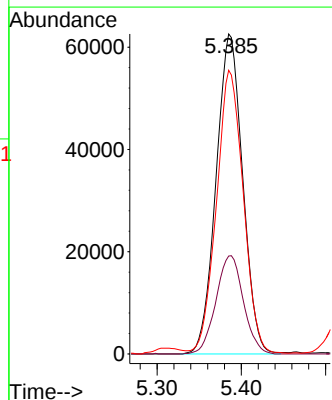
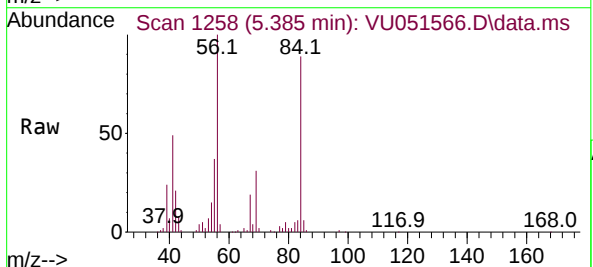
Instrument :
MSVOA_U
ClientSampleId :

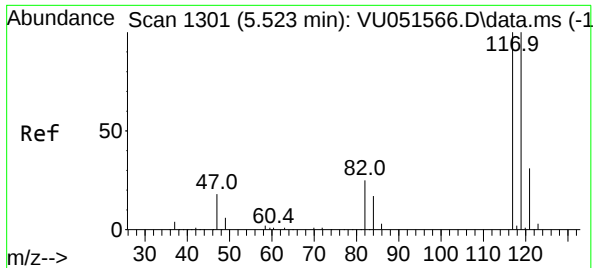
Tgt Ion: 97 Resp: 157697
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 46.7 37.4 56.0



#30
Cyclohexane
Concen: 4.852 ug/L
RT: 5.385 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VU051566.D
Acq: 28 Oct 2022 14:01

Tgt Ion: 56 Resp: 137025
Ion Ratio Lower Upper
56 100
69 31.7 25.4 38.0
84 89.2 71.4 107.0

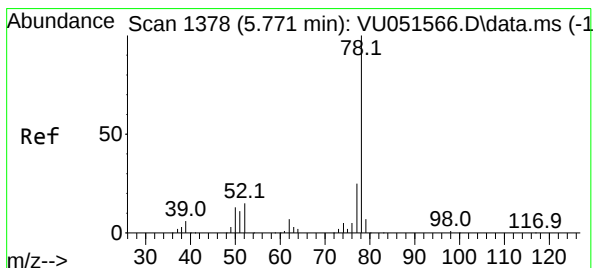
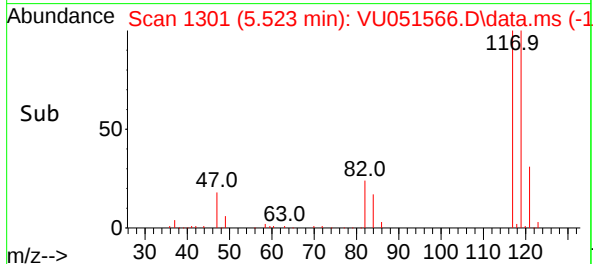
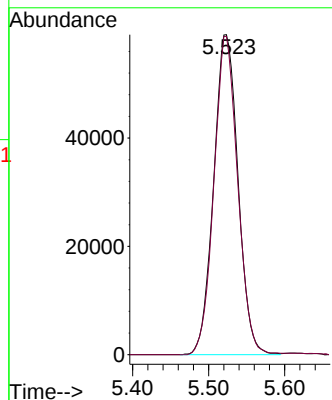
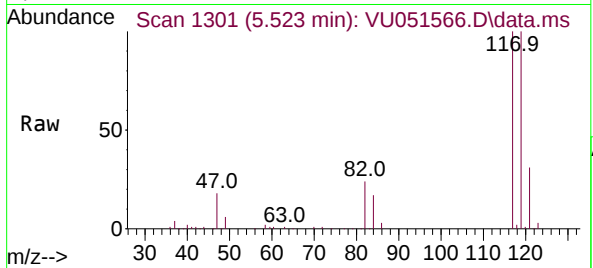




#31
Carbon tetrachloride
Concen: 5.012 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VU051566.D
Acq: 28 Oct 2022 14:01

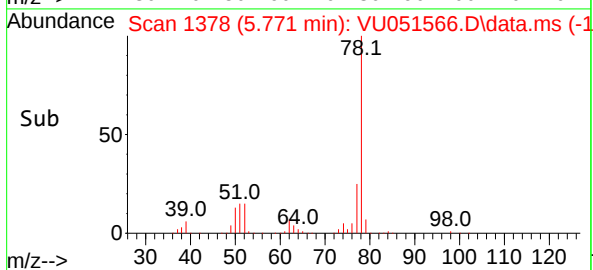
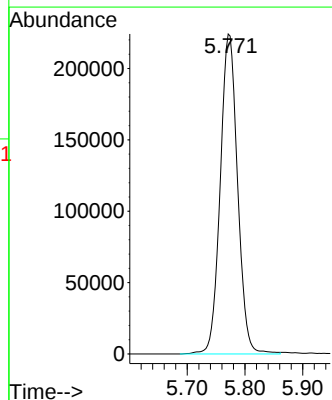
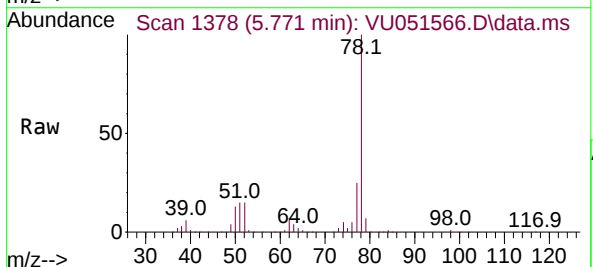
Instrument :
MSVOA_U
ClientSampleId :

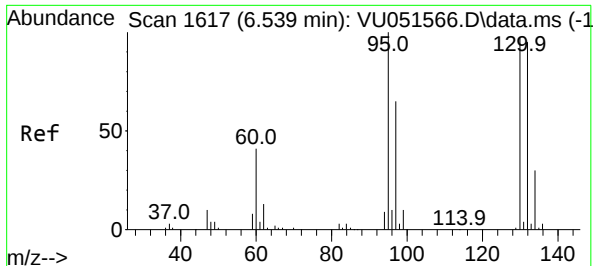
Tgt Ion:117 Resp: 131458
Ion Ratio Lower Upper
117 100
119 96.9 77.5 116.3



#33
Benzene
Concen: 5.256 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU051566.D
Acq: 28 Oct 2022 14:01

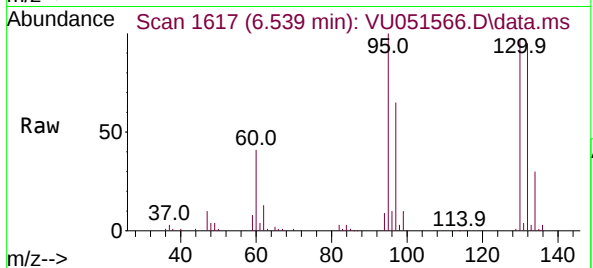
Tgt Ion: 78 Resp: 468531



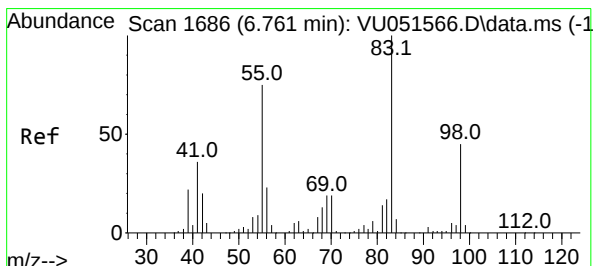
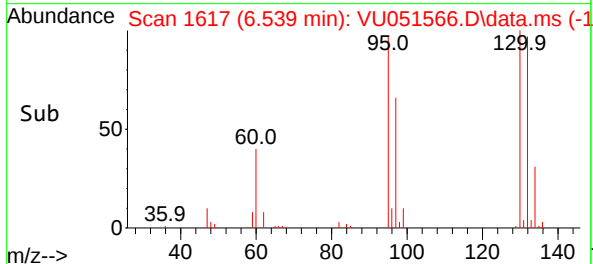
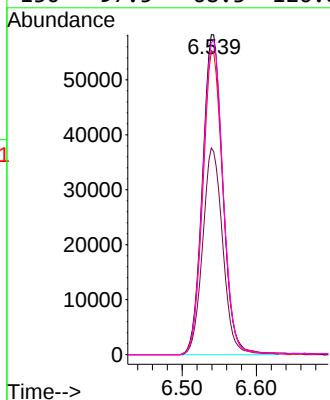


#34
Trichloroethene
Concen: 5.147 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU051566.D
Acq: 28 Oct 2022 14:01

Instrument :
MSVOA_U
ClientSampleId :

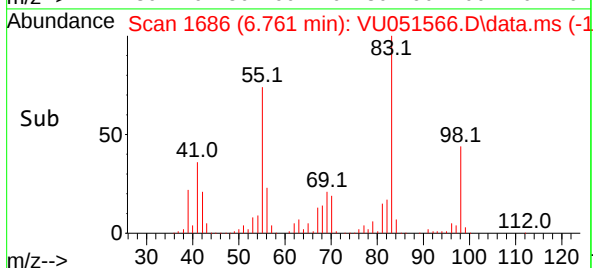
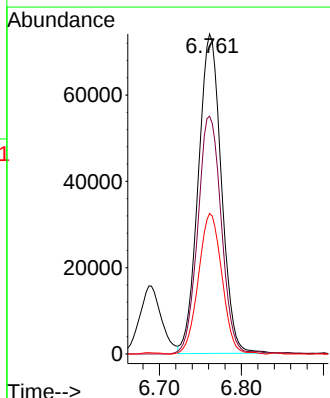
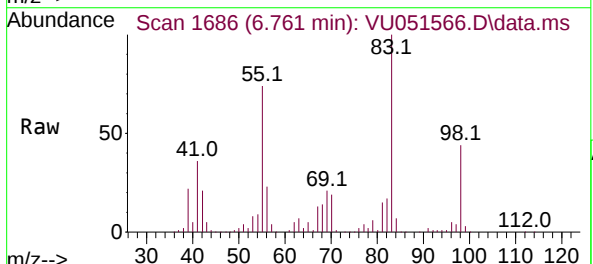


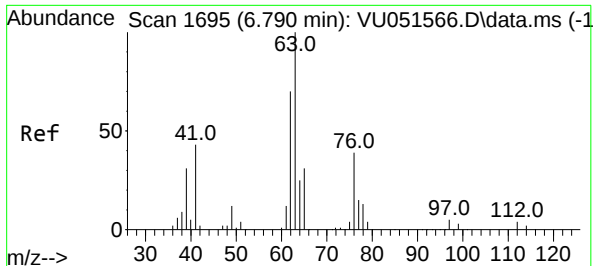
Tgt Ion: 95 Resp: 110711
Ion Ratio Lower Upper
95 100
97 64.6 45.2 84.0
132 95.0 66.5 123.5
130 97.5 68.3 126.8



#35
Methylcyclohexane
Concen: 4.859 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU051566.D
Acq: 28 Oct 2022 14:01

Tgt Ion: 83 Resp: 144518
Ion Ratio Lower Upper
83 100
55 75.7 60.6 90.8
98 44.7 35.8 53.6





#37

1,2-Dichloropropane

Concen: 5.246 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051566.D

Acq: 28 Oct 2022 14:01

Instrument :

MSVOA_U

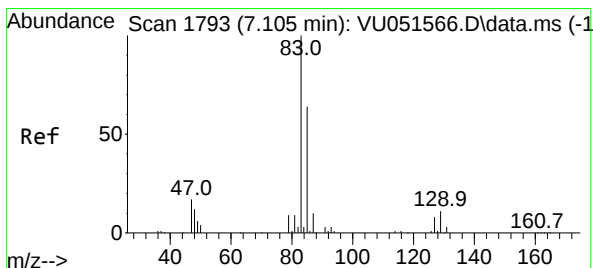
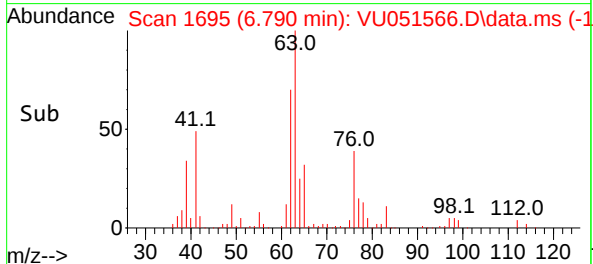
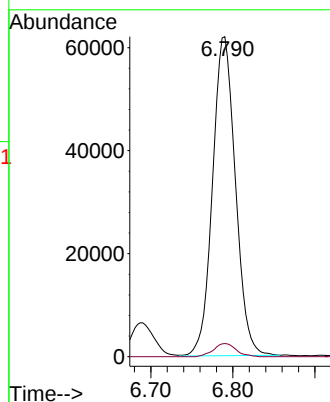
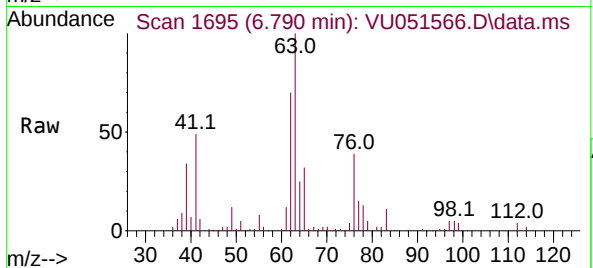
ClientSampleId :

Tgt Ion: 63 Resp: 120275

Ion Ratio Lower Upper

63 100

112 4.1 3.3 4.9



#38

Bromodichloromethane

Concen: 5.162 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU051566.D

Acq: 28 Oct 2022 14:01

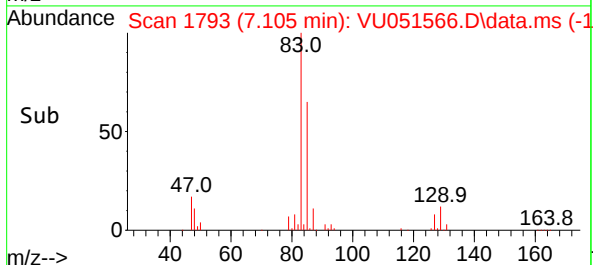
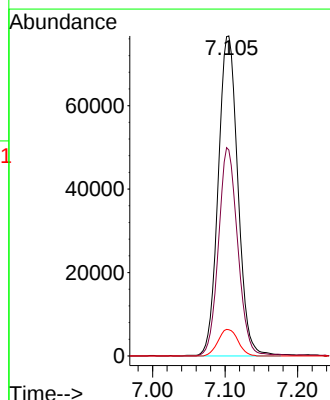
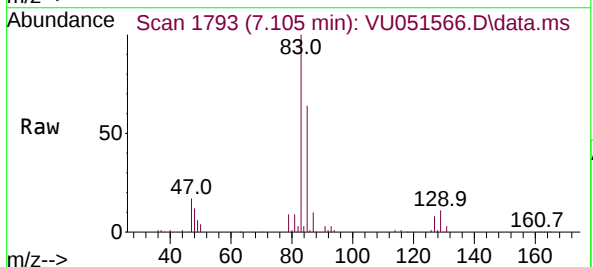
Tgt Ion: 83 Resp: 144547

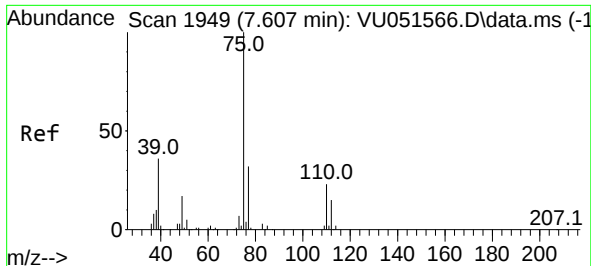
Ion Ratio Lower Upper

83 100

85 64.4 45.1 83.7

127 8.2 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 5.130 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU051566.D

Acq: 28 Oct 2022 14:01

Instrument :

MSVOA_U

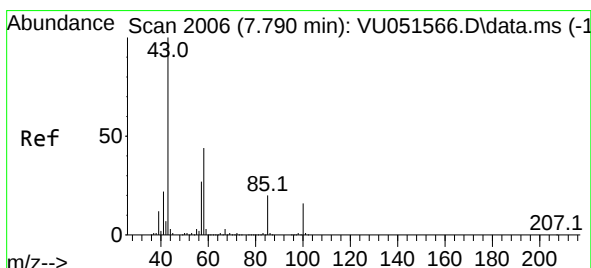
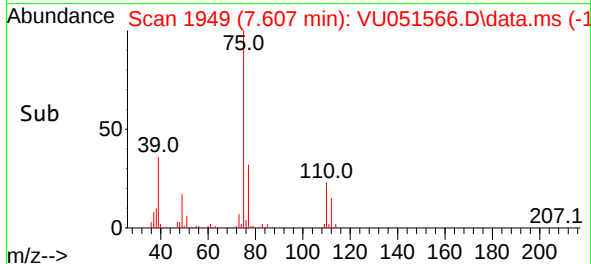
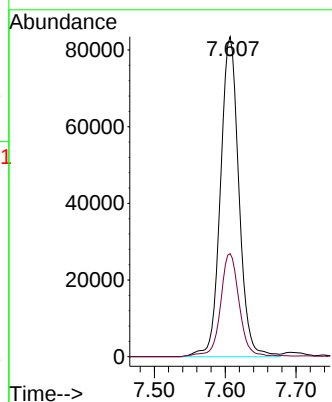
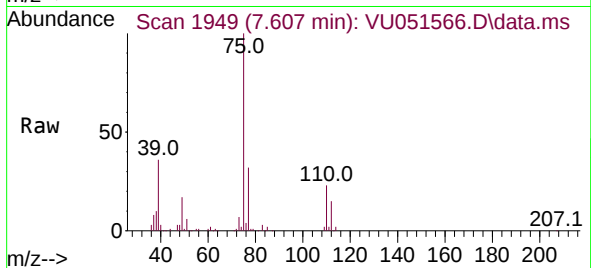
ClientSampleId :

Tgt Ion: 75 Resp: 150905

Ion Ratio Lower Upper

75 100

77 32.2 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 54.928 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU051566.D

Acq: 28 Oct 2022 14:01

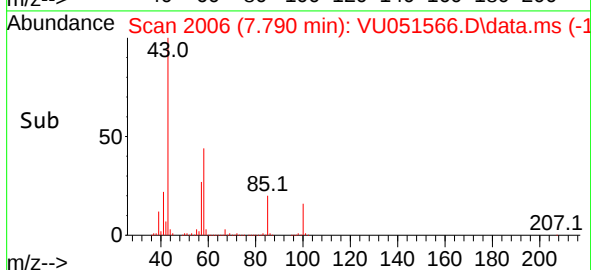
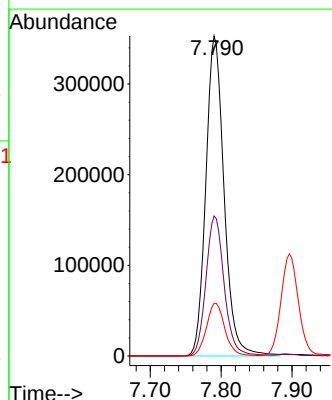
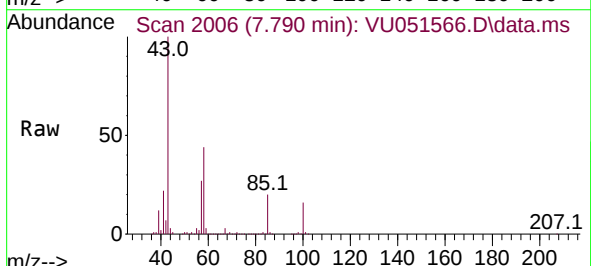
Tgt Ion: 43 Resp: 631658

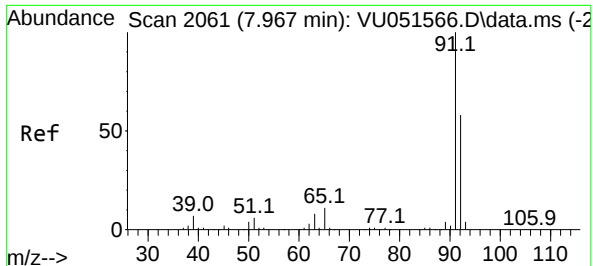
Ion Ratio Lower Upper

43 100

58 43.8 35.0 52.6

100 16.7 13.4 20.0

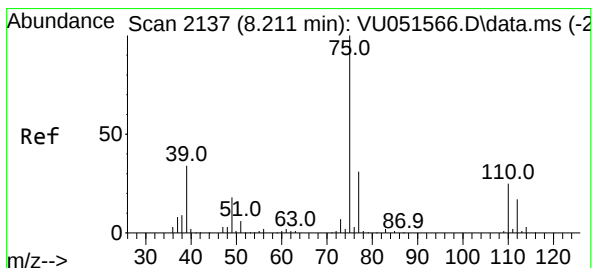
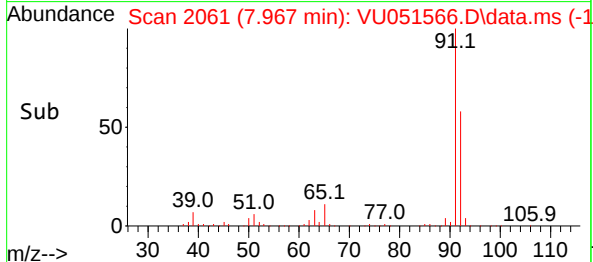
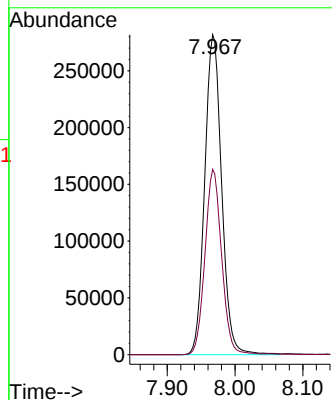
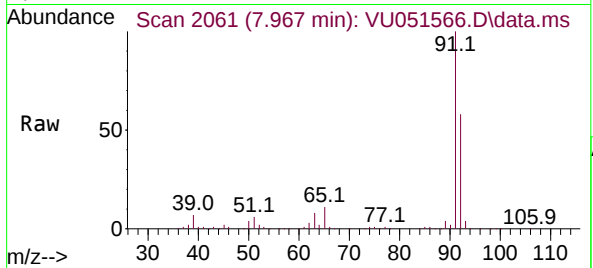




#42
Toluene
Concen: 5.343 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VU051566.D
Acq: 28 Oct 2022 14:01

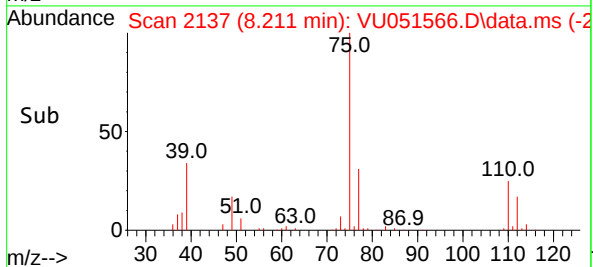
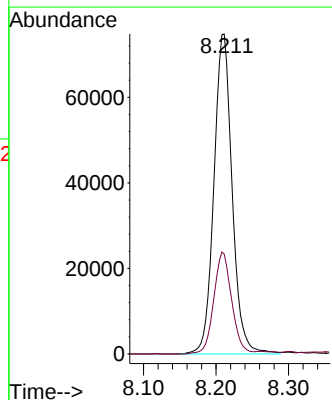
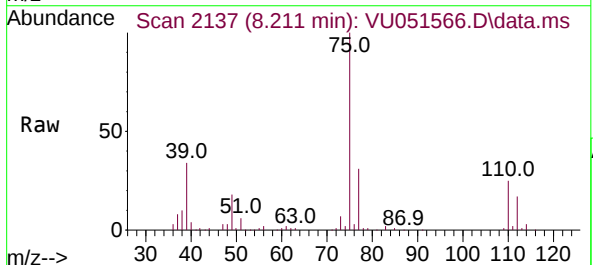
Instrument :
MSVOA_U
ClientSampleId :

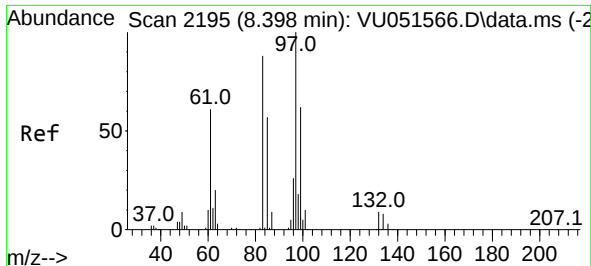
Tgt Ion: 91 Resp: 489106
Ion Ratio Lower Upper
91 100
92 57.9 40.5 75.3



#44
trans-1,3-Dichloropropene
Concen: 5.325 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU051566.D
Acq: 28 Oct 2022 14:01

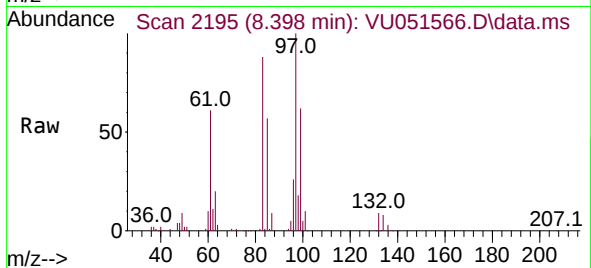
Tgt Ion: 75 Resp: 130883
Ion Ratio Lower Upper
75 100
77 31.2 21.8 40.6



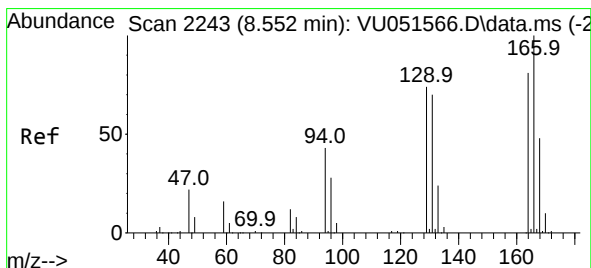
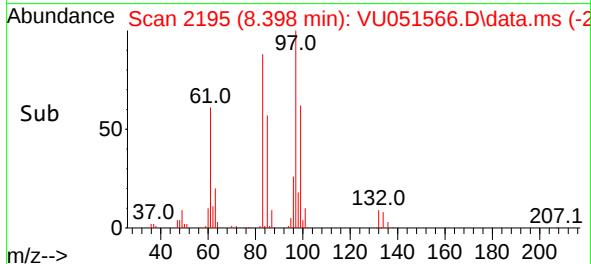
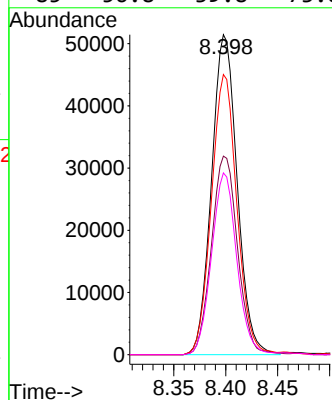


#45
1,1,2-Trichloroethane
Concen: 5.253 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU051566.D
Acq: 28 Oct 2022 14:01

Instrument :
MSVOA_U
ClientSampleId :

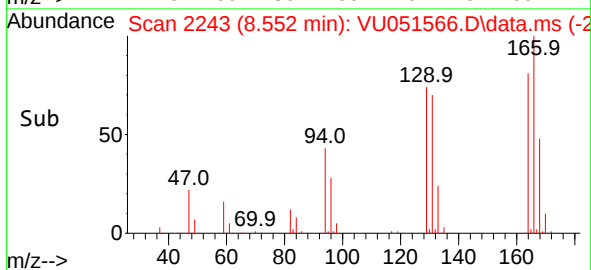
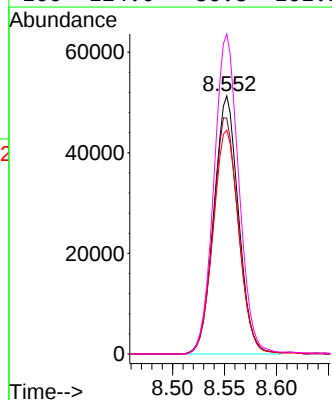
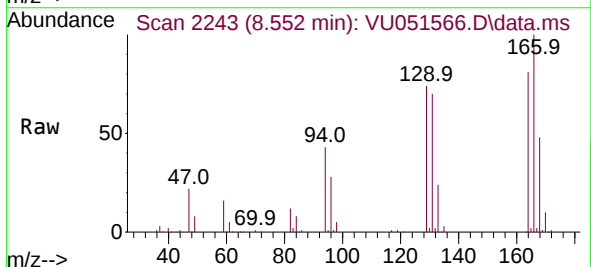


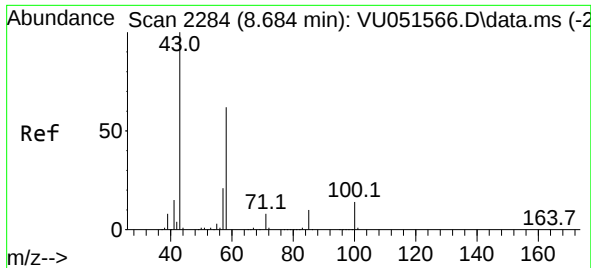
Tgt Ion:	97	Resp:	88246
Ion Ratio	Lower	Upper	
97	100		
99	62.0	43.4	80.6
83	87.6	61.3	113.9
85	56.8	39.8	73.8



#47
Tetrachloroethene
Concen: 5.143 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051566.D
Acq: 28 Oct 2022 14:01

Tgt Ion:	164	Resp:	84725
Ion Ratio	Lower	Upper	
164	100		
129	91.4	64.0	118.8
131	86.7	60.7	112.7
166	124.0	86.8	161.2

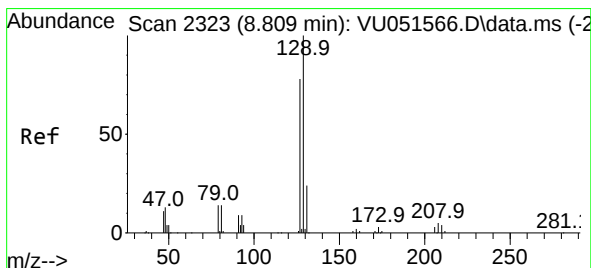
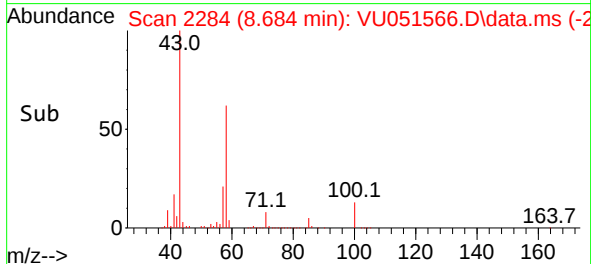
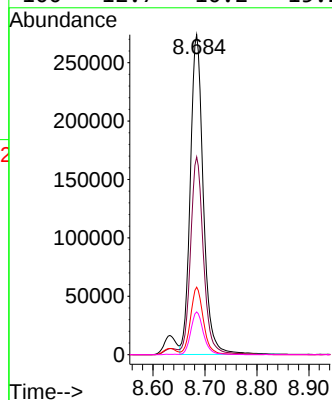
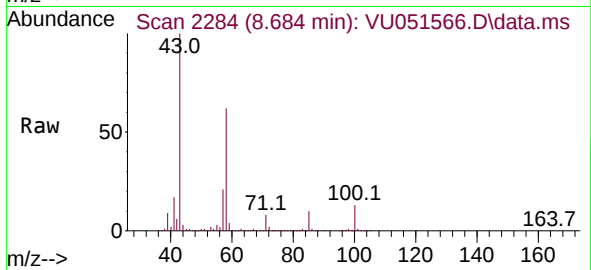




#48
2-Hexanone
Concen: 56.120 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051566.D
Acq: 28 Oct 2022 14:01

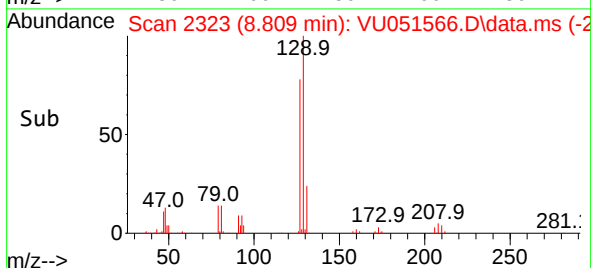
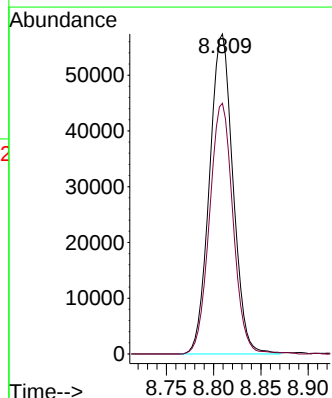
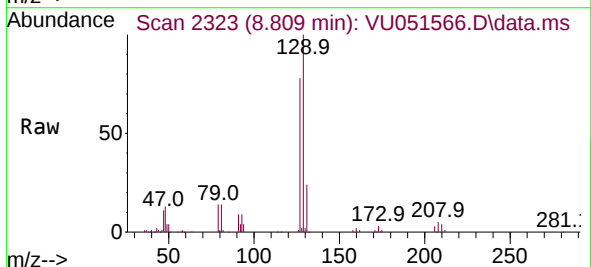
Instrument :
MSVOA_U
ClientSampleId :

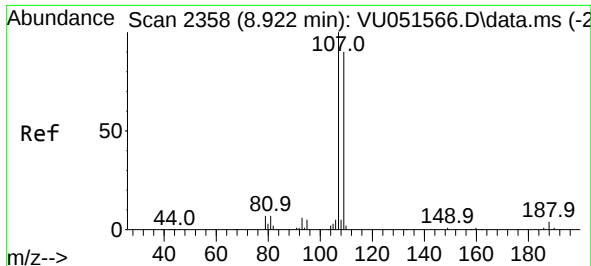
Tgt Ion: 43 Resp: 477702
Ion Ratio Lower Upper
43 100
58 60.2 48.2 72.2
57 20.8 16.6 25.0
100 12.7 10.2 15.2



#49
Dibromochloromethane
Concen: 5.172 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU051566.D
Acq: 28 Oct 2022 14:01

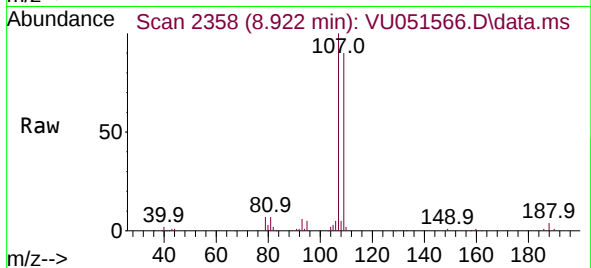
Tgt Ion: 129 Resp: 99273
Ion Ratio Lower Upper
129 100
127 78.3 54.8 101.8



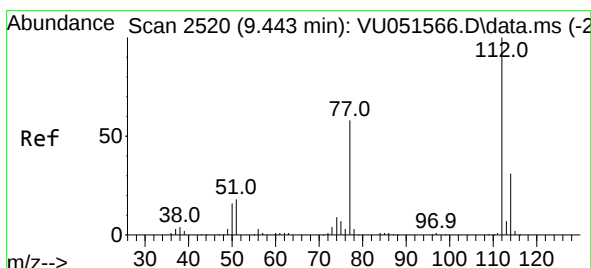
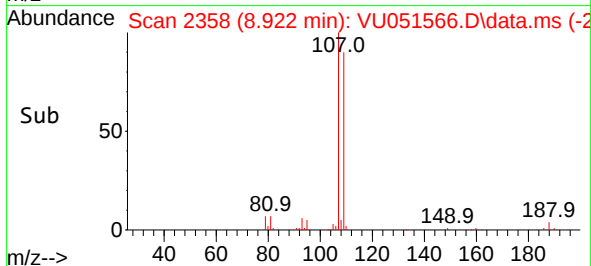
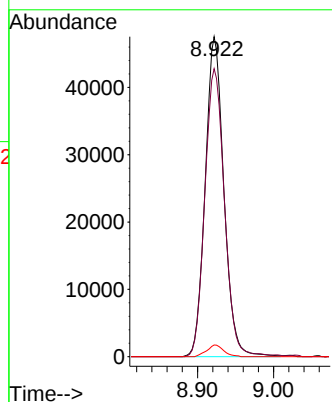


#50
1,2-Dibromoethane
Concen: 5.353 ug/L
RT: 8.922 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051566.D
Acq: 28 Oct 2022 14:01

Instrument :
MSVOA_U
ClientSampleId :

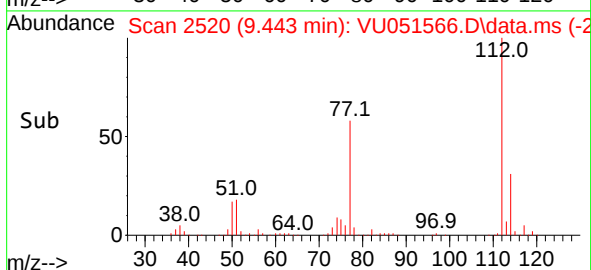
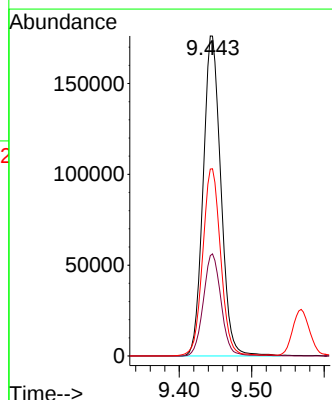
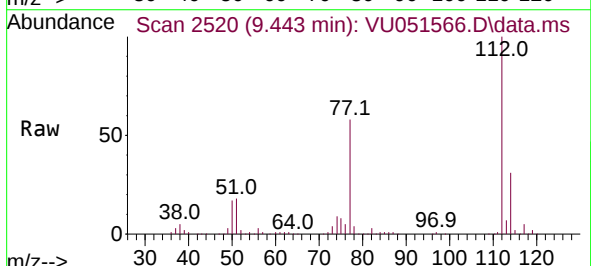


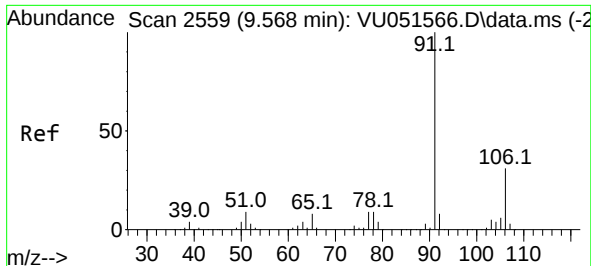
Tgt Ion:107 Resp: 81132
Ion Ratio Lower Upper
107 100
109 90.0 63.0 117.0
188 3.7 3.0 4.4



#51
Chlorobenzene
Concen: 5.194 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU051566.D
Acq: 28 Oct 2022 14:01

Tgt Ion:112 Resp: 299279
Ion Ratio Lower Upper
112 100
114 31.4 22.0 40.8
77 58.4 46.7 70.1





#52

Ethylbenzene

Concen: 5.215 ug/L

RT: 9.568 min Scan# 2559

Delta R.T. 0.000 min

Lab File: VU051566.D

Acq: 28 Oct 2022 14:01

Instrument :

MSVOA_U

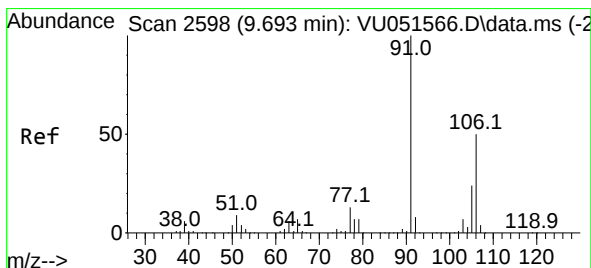
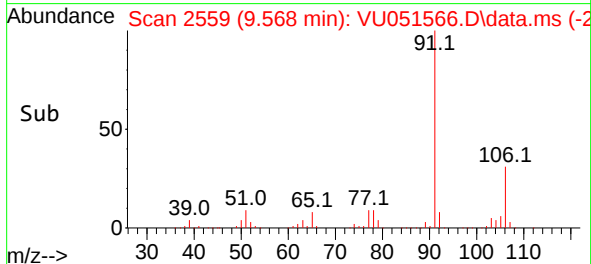
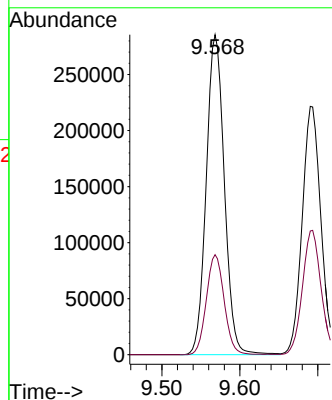
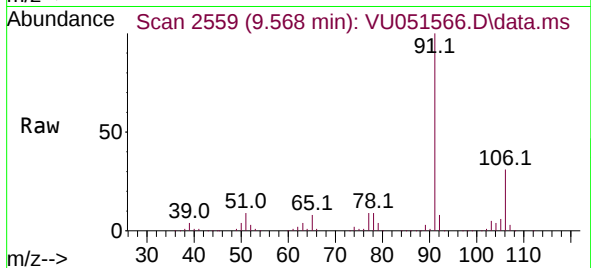
ClientSampleId :

Tgt Ion: 91 Resp: 460639

Ion Ratio Lower Upper

91 100

106 31.2 21.8 40.6



#53

m,p-Xylene

Concen: 5.355 ug/L

RT: 9.693 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU051566.D

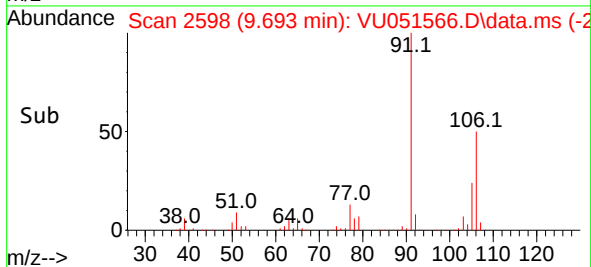
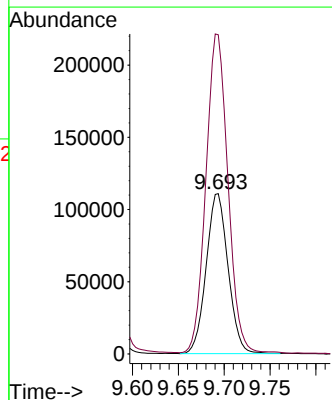
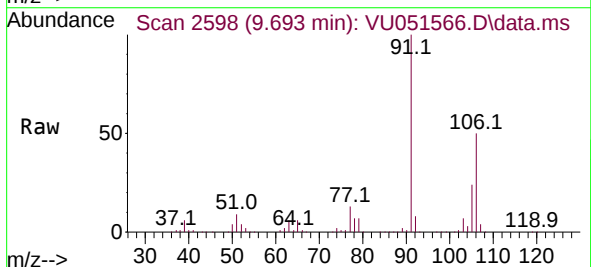
Acq: 28 Oct 2022 14:01

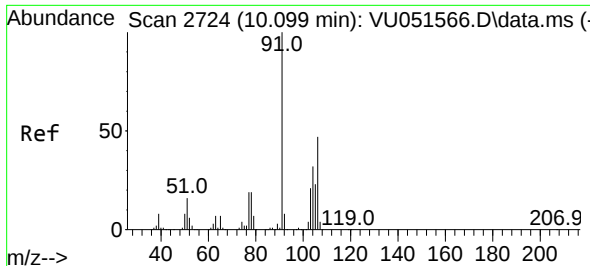
Tgt Ion: 106 Resp: 183734

Ion Ratio Lower Upper

106 100

91 199.2 139.4 259.0

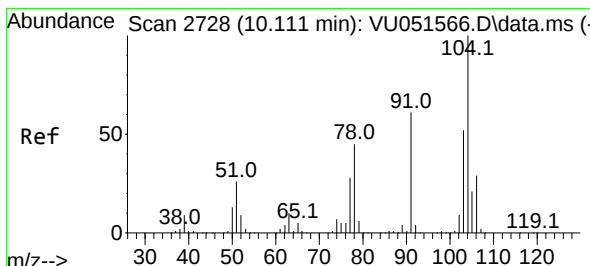
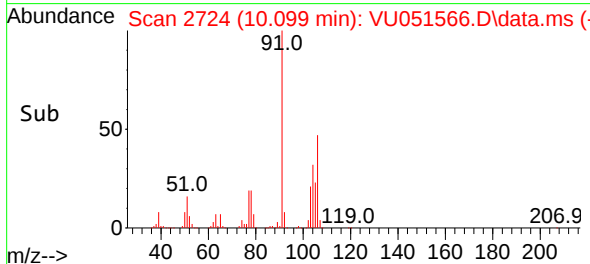
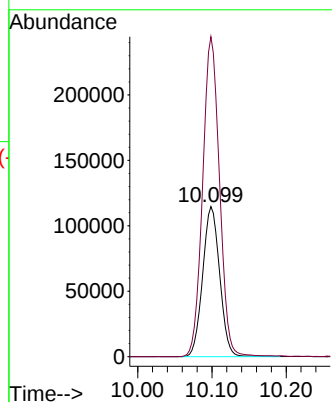
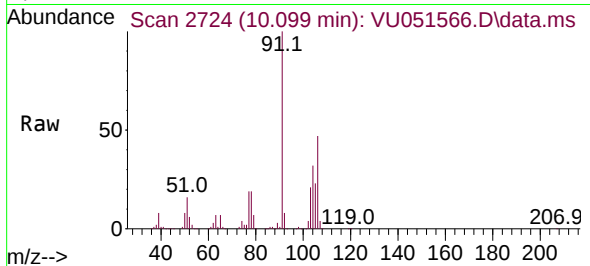




#54
o-Xylene
Concen: 5.439 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU051566.D
Acq: 28 Oct 2022 14:01

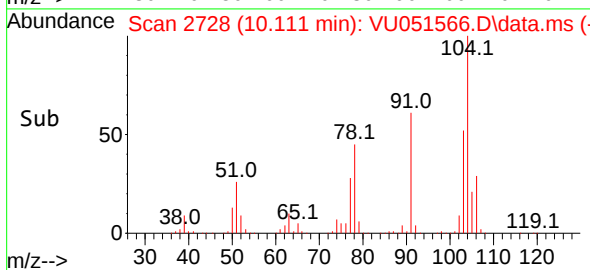
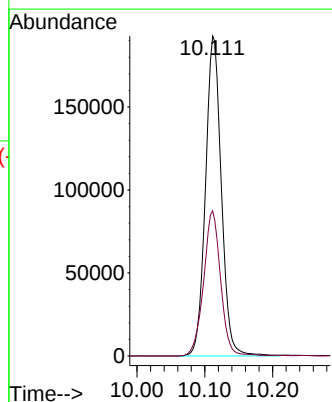
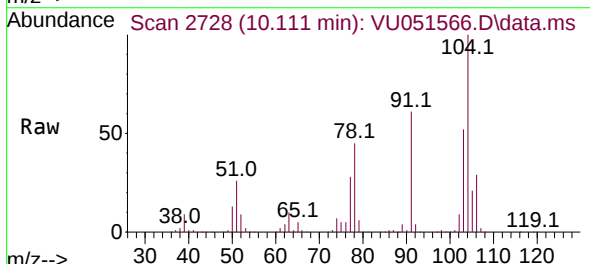
Instrument :
MSVOA_U
ClientSampleId :

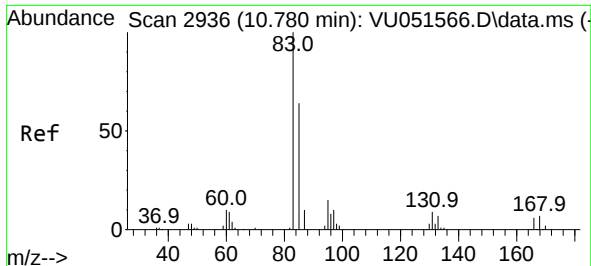
Tgt Ion:106 Resp: 182361
Ion Ratio Lower Upper
106 100
91 213.2 149.2 277.2



#55
Styrene
Concen: 5.587 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU051566.D
Acq: 28 Oct 2022 14:01

Tgt Ion:104 Resp: 313194
Ion Ratio Lower Upper
104 100
78 45.4 31.8 59.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.319 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VU051566.D

Acq: 28 Oct 2022 14:01

Instrument :

MSVOA_U

ClientSampleId :

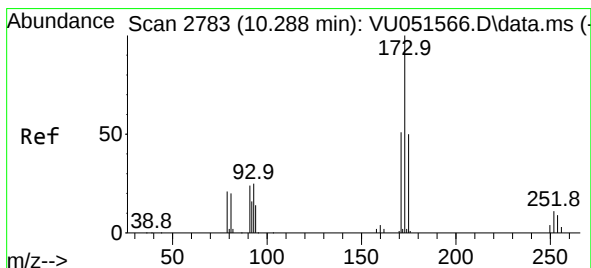
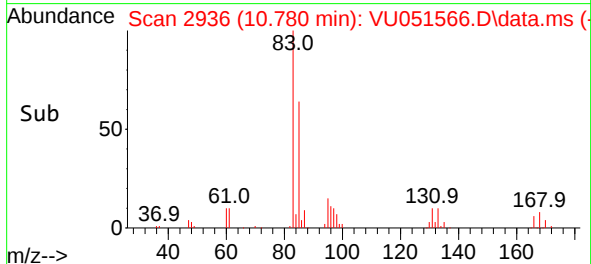
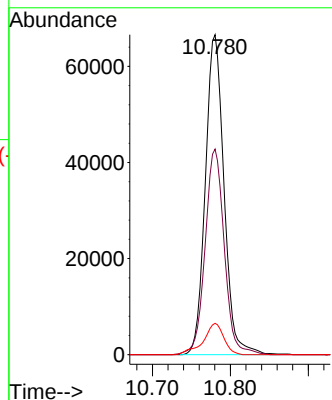
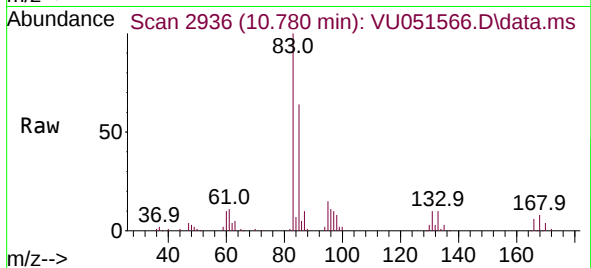
Tgt Ion: 83 Resp: 110797

Ion Ratio Lower Upper

83 100

85 64.2 44.9 83.5

131 9.8 7.8 11.8



#59

Bromoform

Concen: 5.010 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. 0.000 min

Lab File: VU051566.D

Acq: 28 Oct 2022 14:01

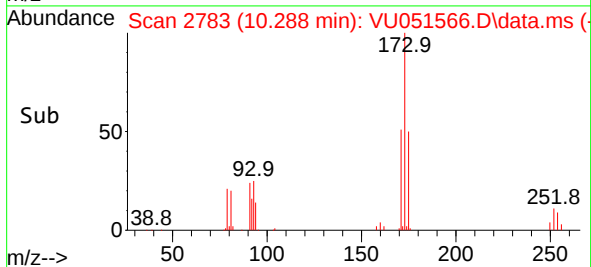
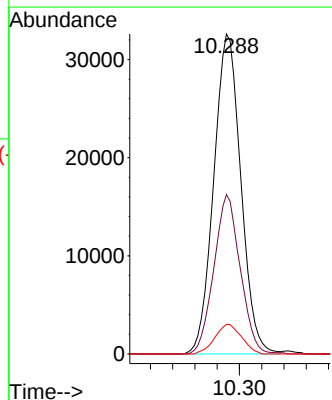
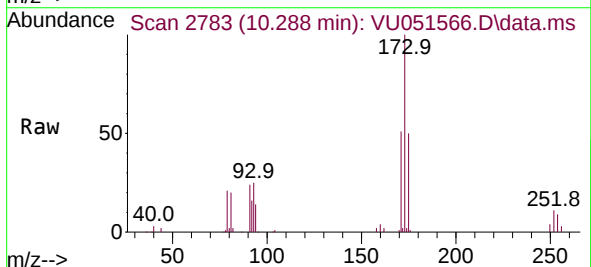
Tgt Ion:173 Resp: 55028

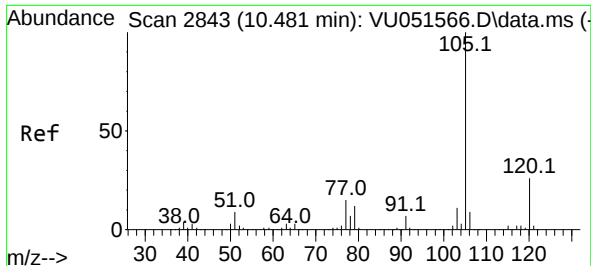
Ion Ratio Lower Upper

173 100

175 48.4 38.7 58.1

254 9.1 7.3 10.9

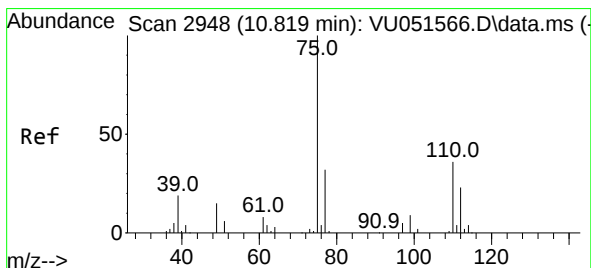
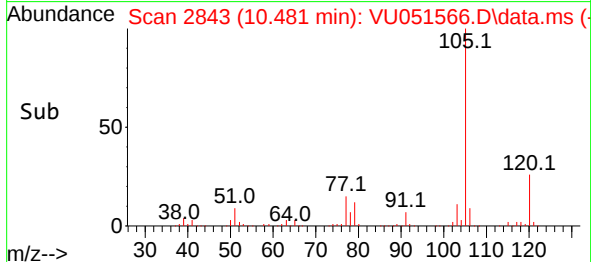
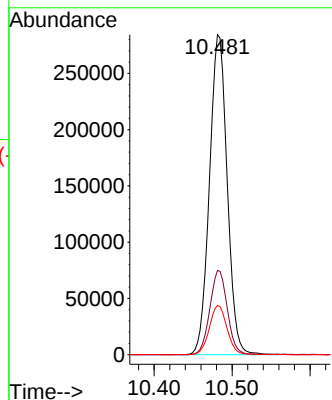
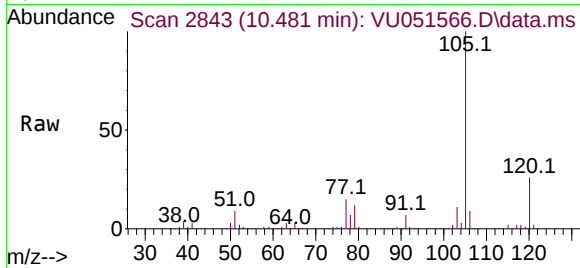




#60
Isopropylbenzene
Concen: 5.174 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU051566.D
Acq: 28 Oct 2022 14:01

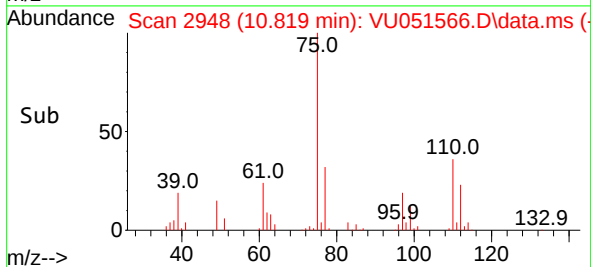
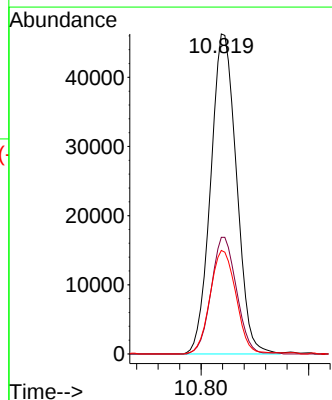
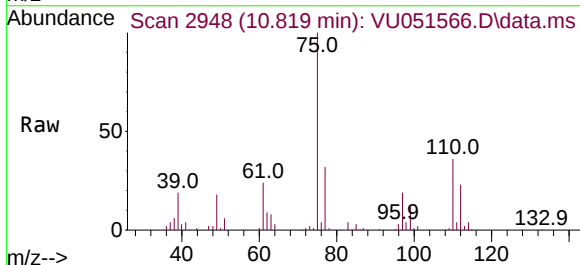
Instrument :
MSVOA_U
ClientSampleId :

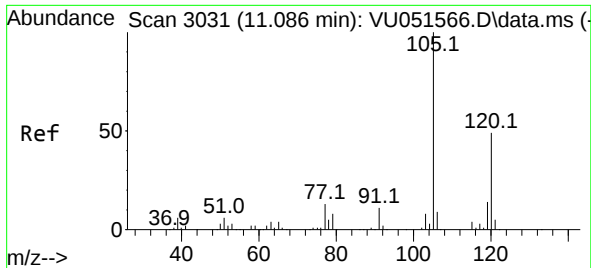
Tgt Ion:105 Resp: 449011
Ion Ratio Lower Upper
105 100
120 26.1 20.9 31.3
77 15.4 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 5.008 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VU051566.D
Acq: 28 Oct 2022 14:01

Tgt Ion: 75 Resp: 76988
Ion Ratio Lower Upper
75 100
110 35.9 28.7 43.1
77 32.6 26.1 39.1

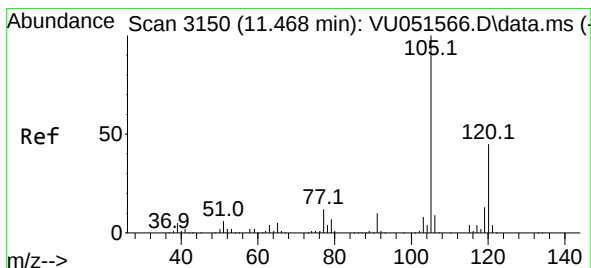
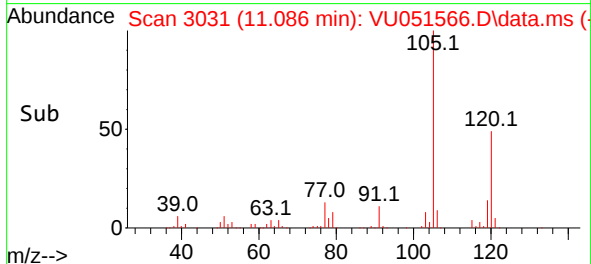
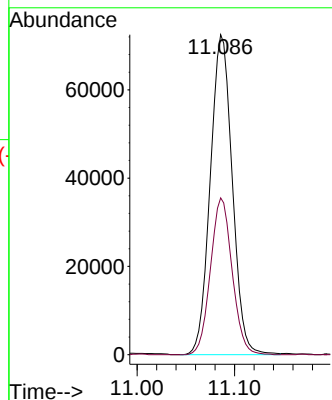
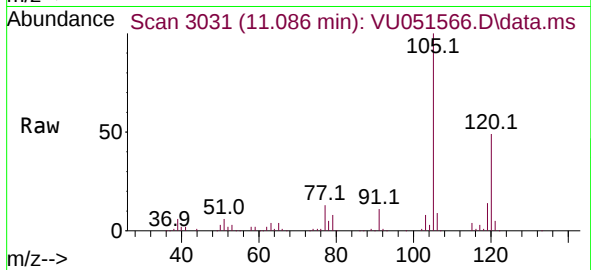




#62
1,3,5-Trimethylbenzene
Concen: 4.868 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. 0.000 min
Lab File: VU051566.D
Acq: 28 Oct 2022 14:01

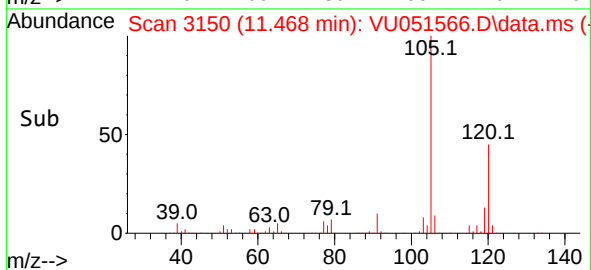
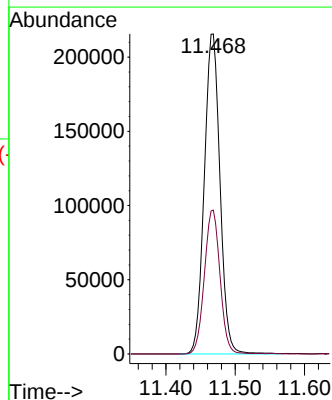
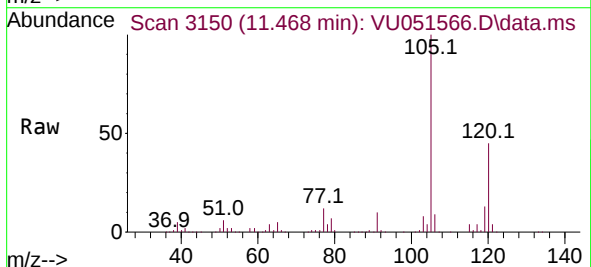
Instrument :
MSVOA_U
ClientSampleId :

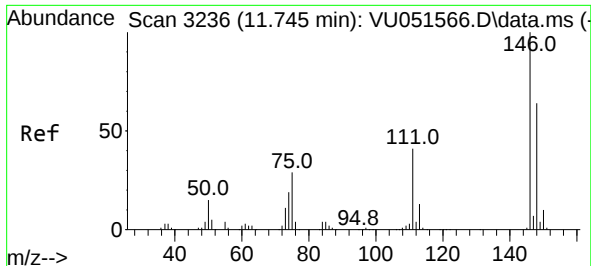
Tgt Ion:105 Resp: 113727
Ion Ratio Lower Upper
105 100
120 48.2 38.6 57.8



#63
1,2,4-Trimethylbenzene
Concen: 5.028 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU051566.D
Acq: 28 Oct 2022 14:01

Tgt Ion:105 Resp: 338672
Ion Ratio Lower Upper
105 100
120 44.7 35.8 53.6

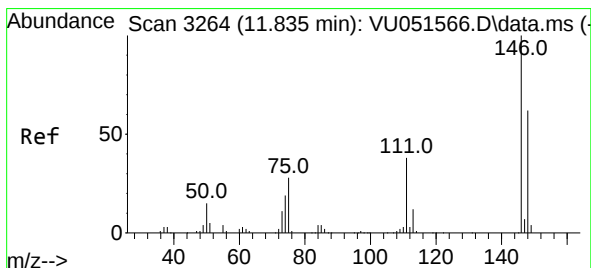
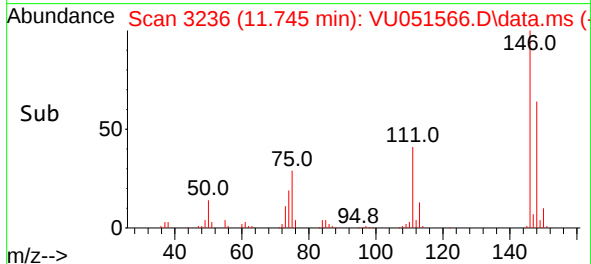
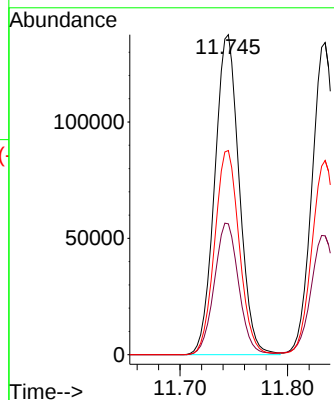
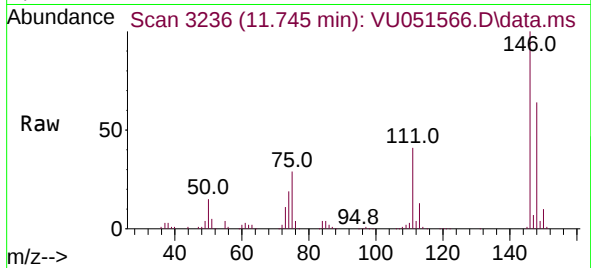




#64
 1,3-Dichlorobenzene
 Concen: 5.043 ug/L
 RT: 11.745 min Scan# 3236
 Delta R.T. 0.000 min
 Lab File: VU051566.D
 Acq: 28 Oct 2022 14:01

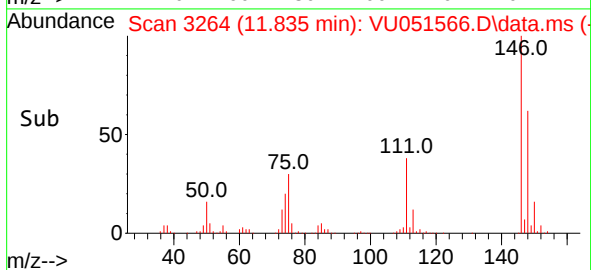
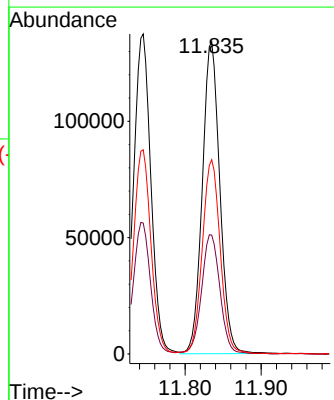
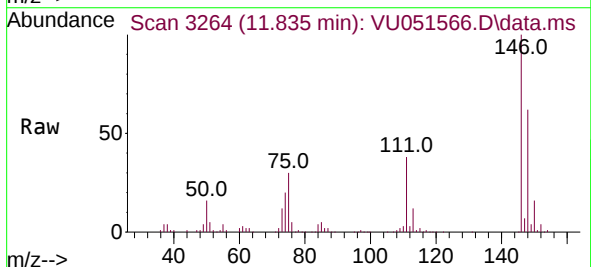
Instrument :
 MSVOA_U
 ClientSampleId :

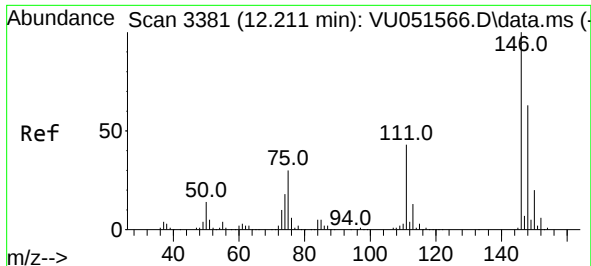
Tgt Ion:146 Resp: 217847
 Ion Ratio Lower Upper
 146 100
 111 40.9 28.6 53.2
 148 63.8 44.7 82.9



#65
 1,4-Dichlorobenzene
 Concen: 4.960 ug/L
 RT: 11.835 min Scan# 3264
 Delta R.T. 0.000 min
 Lab File: VU051566.D
 Acq: 28 Oct 2022 14:01

Tgt Ion:146 Resp: 214862
 Ion Ratio Lower Upper
 146 100
 111 38.1 26.7 49.5
 148 62.2 43.5 80.9





#67

1,2-Dichlorobenzene

Concen: 4.991 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU051566.D

Acq: 28 Oct 2022 14:01

Instrument :

MSVOA_U

ClientSampleId :

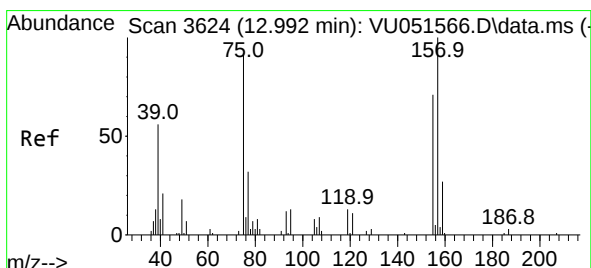
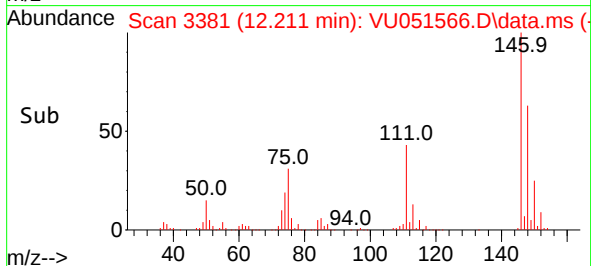
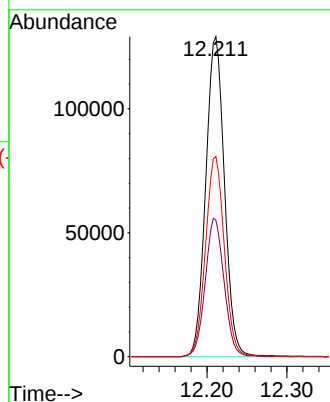
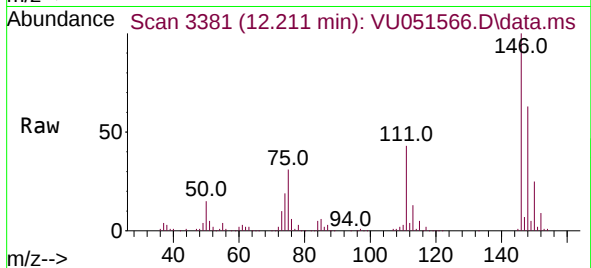
Tgt Ion:146 Resp: 210035

Ion Ratio Lower Upper

146 100

111 42.7 34.2 51.2

148 62.6 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 4.808 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. 0.000 min

Lab File: VU051566.D

Acq: 28 Oct 2022 14:01

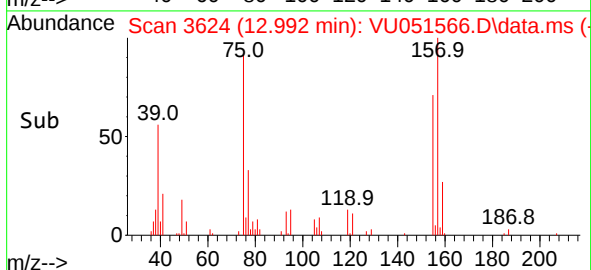
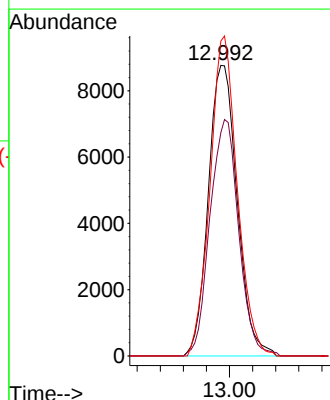
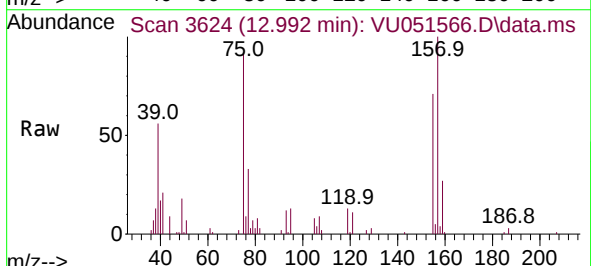
Tgt Ion: 75 Resp: 15218

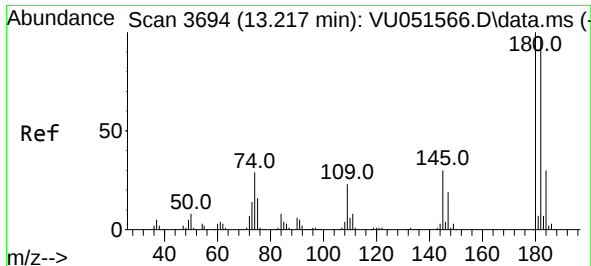
Ion Ratio Lower Upper

75 100

155 76.8 61.4 92.2

157 108.4 86.7 130.1





#69

1,3,5-Trichlorobenzene

Concen: 4.806 ug/L

RT: 13.217 min Scan# 3694

Delta R.T. 0.000 min

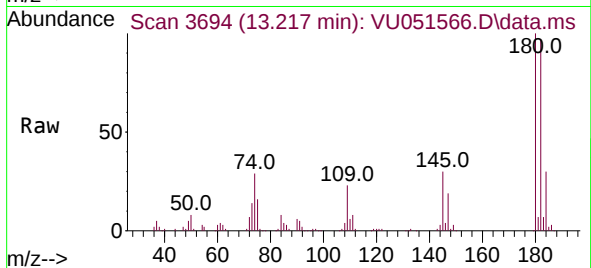
Lab File: VU051566.D

Acq: 28 Oct 2022 14:01

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 147978

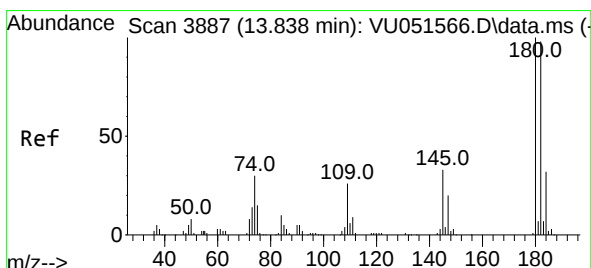
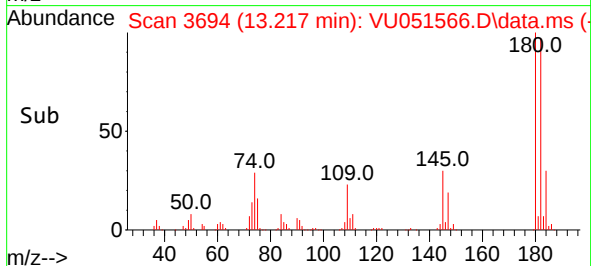
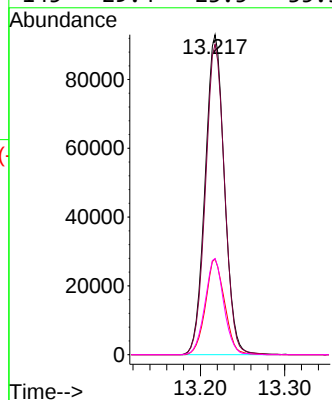
Ion Ratio Lower Upper

180 100

182 96.3 77.0 115.6

184 29.6 23.7 35.5

145 29.4 23.5 35.3



#70

1,2,4-trichlorobenzene

Concen: 4.569 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. 0.000 min

Lab File: VU051566.D

Acq: 28 Oct 2022 14:01

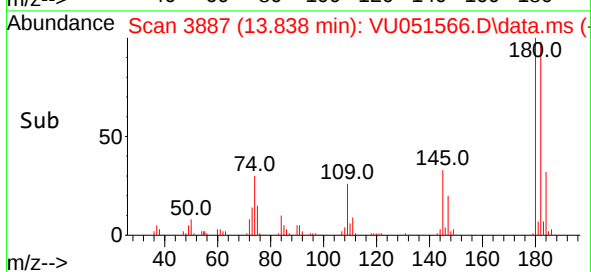
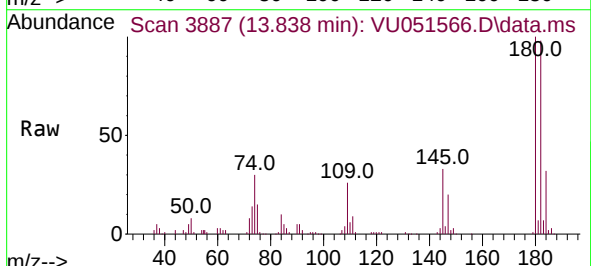
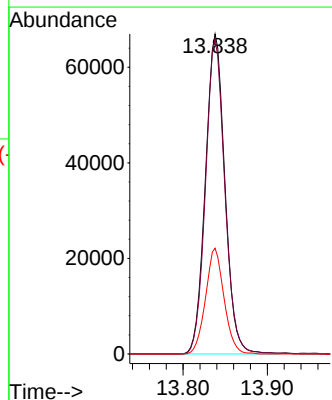
Tgt Ion:180 Resp: 108019

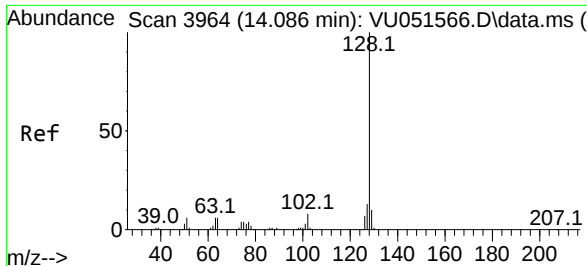
Ion Ratio Lower Upper

180 100

182 97.2 77.8 116.6

145 31.3 25.0 37.6

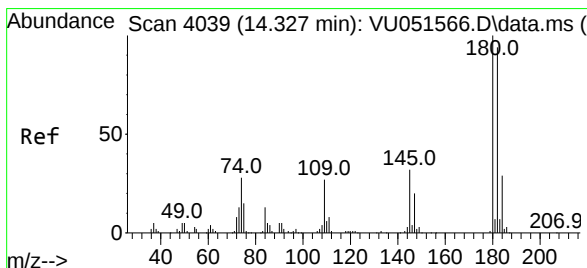
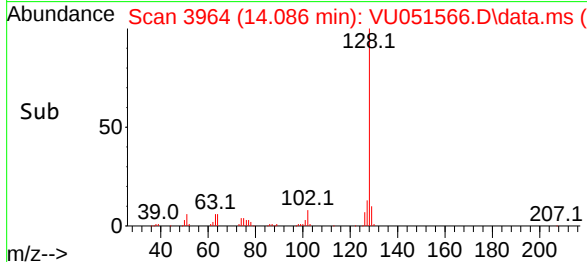
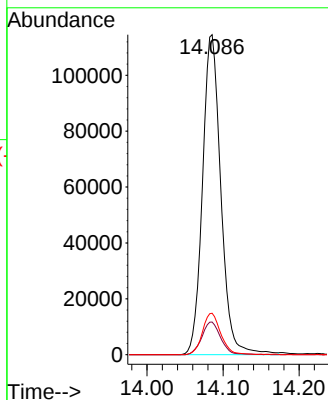
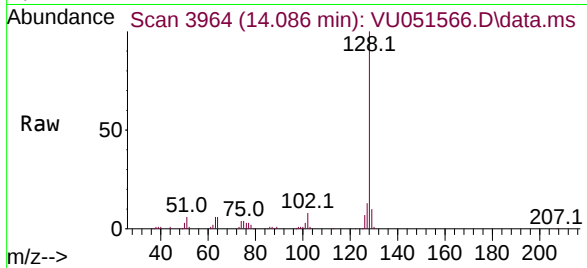




#71
Naphthalene
Concen: 4.359 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU051566.D
Acq: 28 Oct 2022 14:01

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 192374
Ion Ratio Lower Upper
128 100
129 10.5 8.4 12.6
127 12.9 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 4.662 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU051566.D
Acq: 28 Oct 2022 14:01

Tgt Ion:180 Resp: 111298
Ion Ratio Lower Upper
180 100
182 95.1 76.1 114.1
145 32.0 25.6 38.4

