

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112222\
 Data File : VU052086.D
 Acq On : 23 Nov 2022 12:39
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 24 08:58:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 05:20:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	206863	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	207243	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	99432	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	80650	4.008	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.200%
7) Chloroethane-d5	1.909	69	68364	4.374	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	2.565	65	28462	3.946	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.000%
20) 2-Butanone-d5	4.617	46	199505	54.699	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.400%
24) Chloroform-d	5.060	84	145929	4.936	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.697	65	72652	4.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.726	84	273453	4.444	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	6.687	67	89181	4.684	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.896	98	235139	4.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	8.176	79	30413	4.383	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.629	63	163992	55.769	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.540%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	86364	5.231	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	12.189	152	84270	4.427	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	95816	5.341	ug/L	100
3) Chloromethane	1.527	50	126814	5.416	ug/L	99
5) Vinyl chloride	1.604	62	117009	5.201	ug/L	97
6) Bromomethane	1.851	94	75583	6.547	ug/L	99
8) Chloroethane	1.932	64	72842	5.207	ug/L	97
9) Trichlorofluoromethane	2.138	101	134292	5.426	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	81275	5.371	ug/L	99
12) 1,1-Dichloroethene	2.578	96	78609	5.238	ug/L	90
13) Acetone	2.620	43	129784	52.401	ug/L	98
14) Carbon disulfide	2.794	76	242861	4.675	ug/L	98
15) Methyl Acetate	2.948	43	34255	5.332	ug/L	97
16) Methylene chloride	3.044	84	118444	5.834	ug/L	98
17) Methyl tert-butyl Ether	3.359	73	176984	5.268	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	83632	5.199	ug/L	97
19) 1,1-Dichloroethane	3.867	63	158029	5.451	ug/L	97
21) 2-Butanone	4.697	43	215649	54.324	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	91922	5.445	ug/L	96
23) Bromochloromethane	4.973	128	44336	5.489	ug/L	97
25) Chloroform	5.086	83	163062	5.551	ug/L	98

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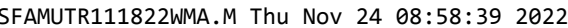
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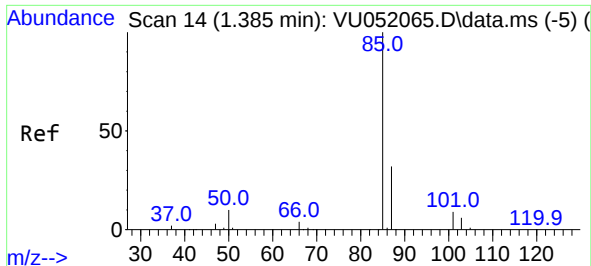
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	97940	5.443	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	126352	5.495	ug/L	98
30) Cyclohexane	5.388	56	110751	4.961	ug/L	99
31) Carbon tetrachloride	5.523	117	105423	5.396	ug/L	100
33) Benzene	5.771	78	363521	5.390	ug/L	100
34) Trichloroethene	6.539	95	101047	6.007	ug/L	98
35) Methylcyclohexane	6.761	83	114383	4.727	ug/L	98
37) 1,2-Dichloropropane	6.787	63	96537	5.528	ug/L	99
38) Bromodichloromethane	7.102	83	117291	5.509	ug/L	97
39) cis-1,3-Dichloropropene	7.604	75	105543	4.707	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	523760	57.418	ug/L	99
42) Toluene	7.967	91	383187	5.523	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	92946	4.841	ug/L	96
45) 1,1,2-Trichloroethane	8.398	97	73035	5.565	ug/L	97
47) Tetrachloroethene	8.552	164	64561	5.008	ug/L	97
48) 2-Hexanone	8.681	43	399534	59.745	ug/L	99
49) Dibromochloromethane	8.806	129	81478	5.544	ug/L	97
50) 1,2-Dibromoethane	8.919	107	66333	5.549	ug/L	99
51) Chlorobenzene	9.443	112	231555	5.235	ug/L	98
52) Ethylbenzene	9.568	91	346093	5.131	ug/L	99
53) m,p-Xylene	9.690	106	138145	5.289	ug/L	96
54) o-Xylene	10.099	106	136245	5.443	ug/L	98
55) Styrene	10.112	104	236083	5.584	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.777	83	94709	5.778	ug/L	98
59) Bromoform	10.288	173	46809	5.716	ug/L	100
60) Isopropylbenzene	10.481	105	337688	5.407	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	63909	5.616	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	254046	5.088	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	256412	5.174	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	167810	5.262	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	164230	5.164	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	166517	5.422	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	13122	5.269	ug/L	98
69) 1,3,5-Trichlorobenzene	13.218	180	107362	4.748	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	80473	4.673	ug/L	98
71) Naphthalene	14.082	128	154386	4.775	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	83832	4.948	ug/L	95

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

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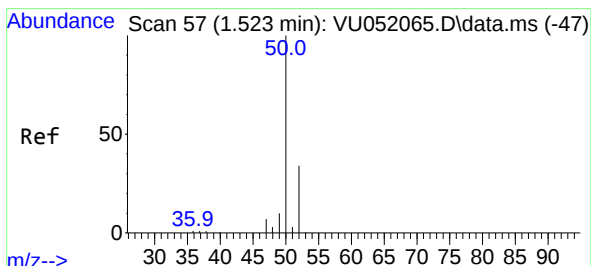
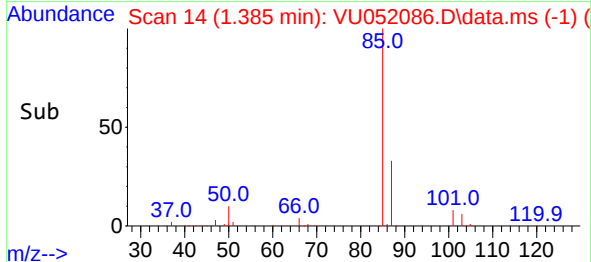
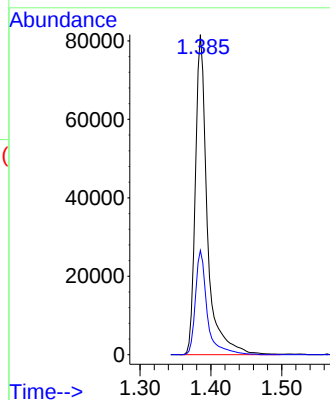
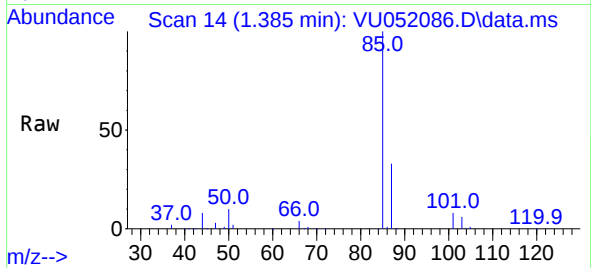




#2
Dichlorodifluoromethane
Concen: 5.341 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU052086.D
Acq: 23 Nov 2022 12:39

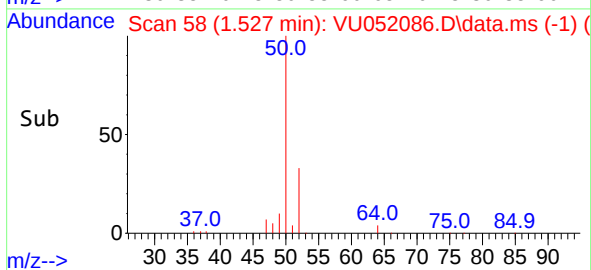
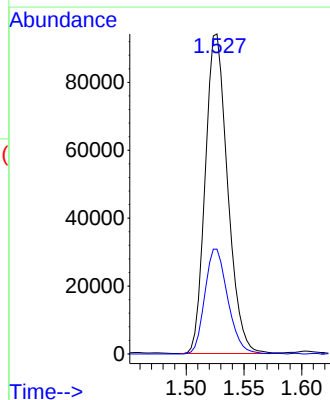
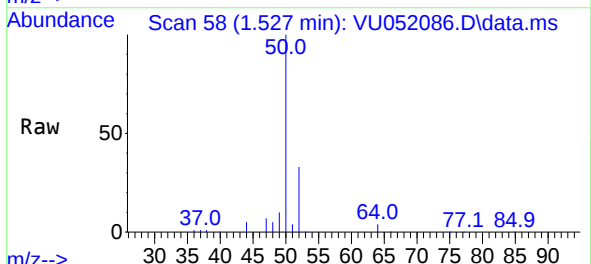
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MSVOA_U
ClientSampleId :

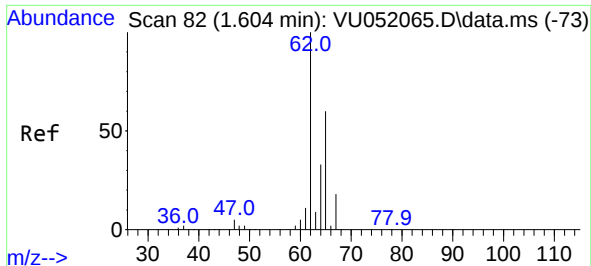
Tgt Ion: 85 Resp: 95816
Ion Ratio Lower Upper
85 100
87 32.1 25.8 38.8



#3
Chloromethane
Concen: 5.416 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU052086.D
Acq: 23 Nov 2022 12:39

Tgt Ion: 50 Resp: 126814
Ion Ratio Lower Upper
50 100
52 32.7 23.4 43.4

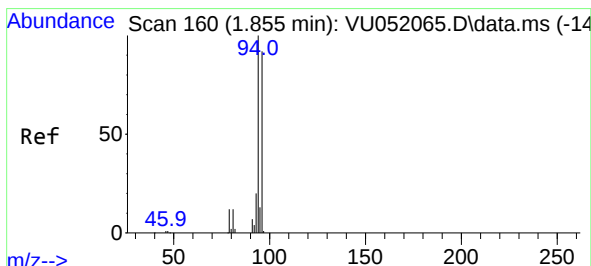
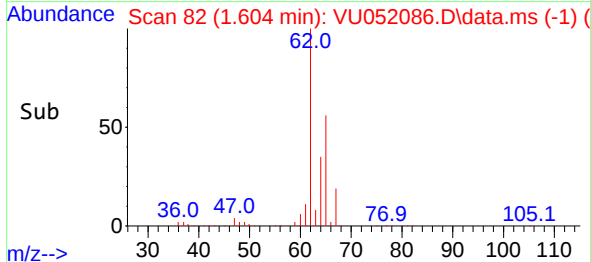
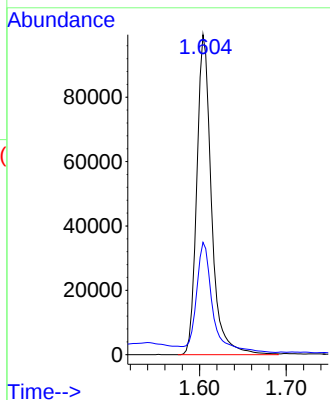
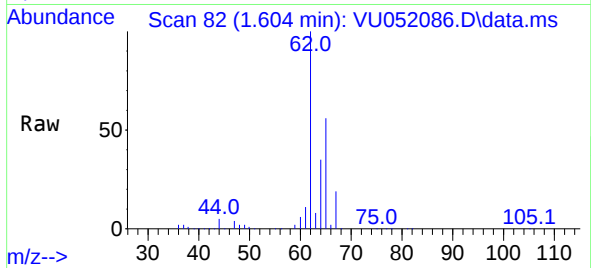




#5
 Vinyl chloride
 Concen: 5.201 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU052086.D
 Acq: 23 Nov 2022 12:39

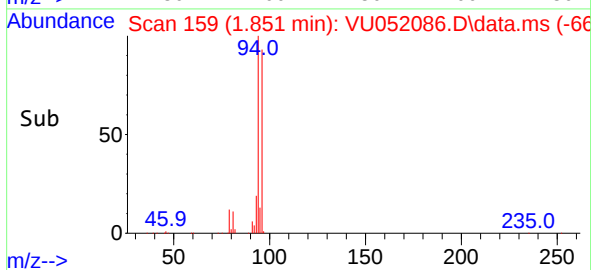
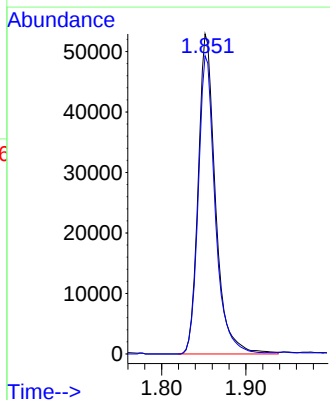
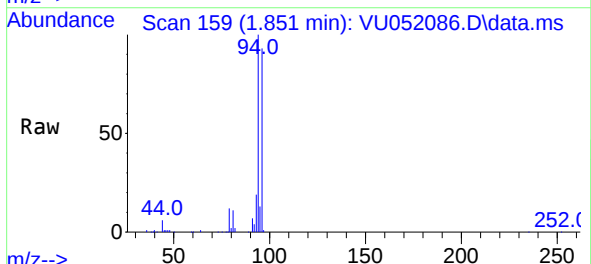
Instrument :
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 ClientSampleId :

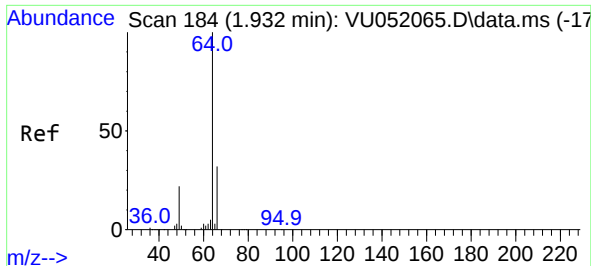
Tgt Ion: 62 Resp: 117009
 Ion Ratio Lower Upper
 62 100
 64 35.1 23.5 43.7



#6
 Bromomethane
 Concen: 6.547 ug/L
 RT: 1.851 min Scan# 159
 Delta R.T. 0.000 min
 Lab File: VU052086.D
 Acq: 23 Nov 2022 12:39

Tgt Ion: 94 Resp: 75583
 Ion Ratio Lower Upper
 94 100
 96 93.2 65.7 122.1

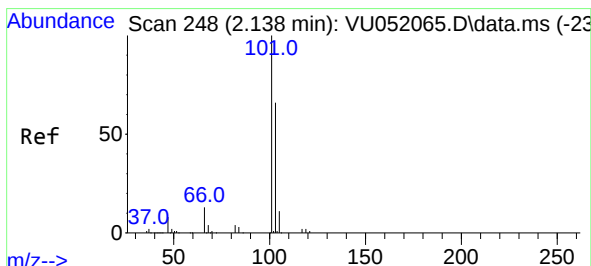
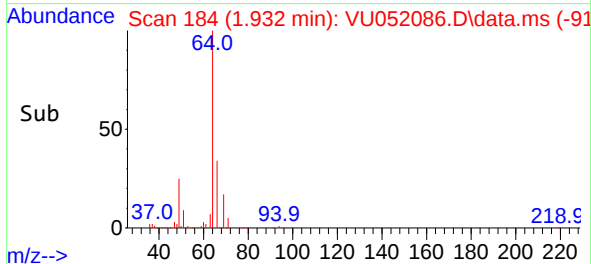
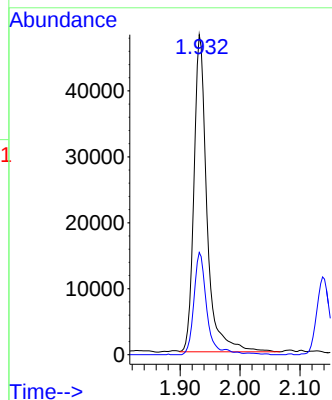
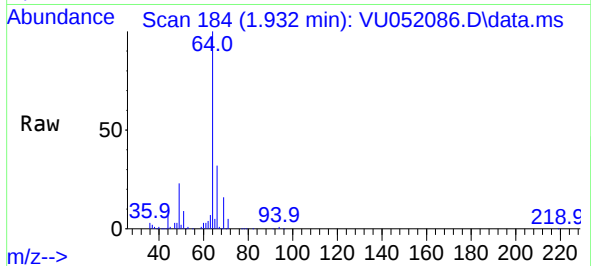




#8
Chloroethane
Concen: 5.207 ug/L
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU052086.D
Acq: 23 Nov 2022 12:39

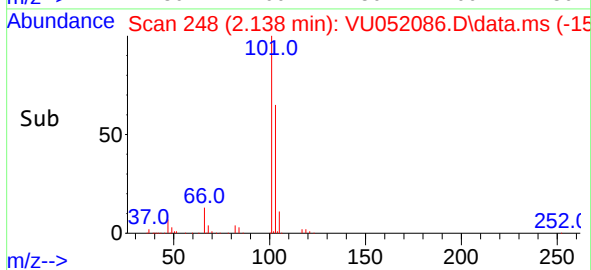
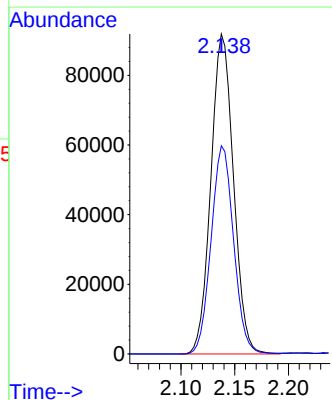
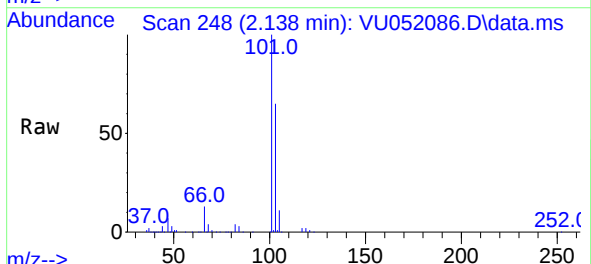
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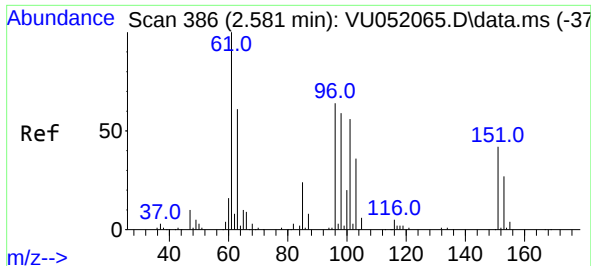
Tgt Ion: 64 Resp: 72842
Ion Ratio Lower Upper
64 100
66 31.9 21.1 39.1



#9
Trichlorofluoromethane
Concen: 5.426 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU052086.D
Acq: 23 Nov 2022 12:39

Tgt Ion: 101 Resp: 134292
Ion Ratio Lower Upper
101 100
103 64.9 51.6 77.4

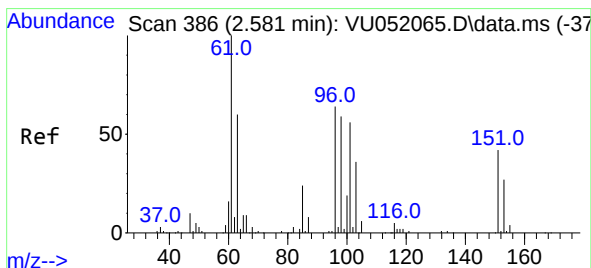
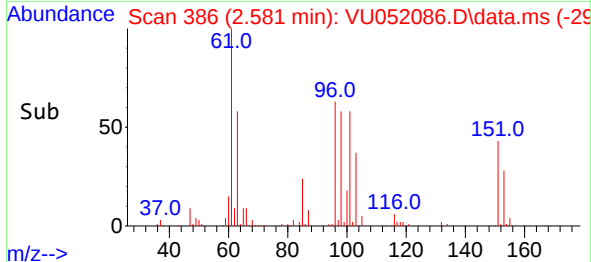
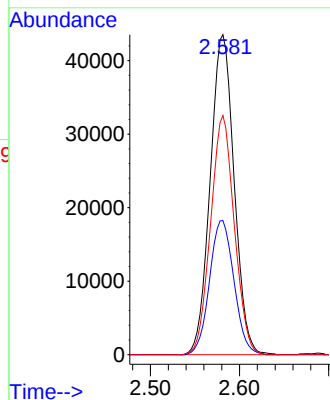
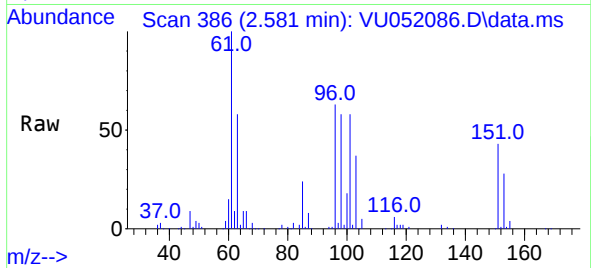




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.371 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU052086.D
 Acq: 23 Nov 2022 12:39

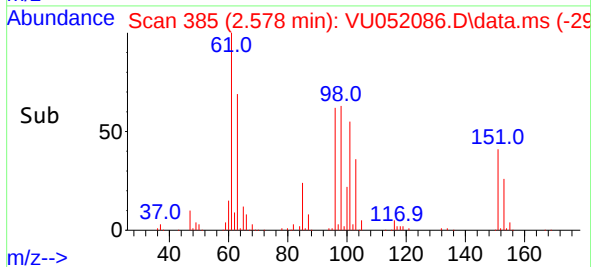
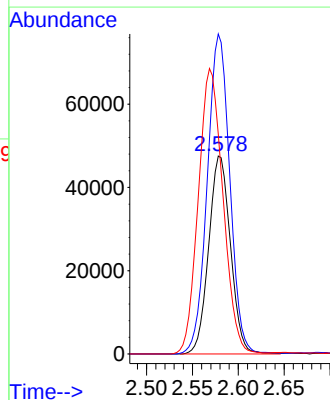
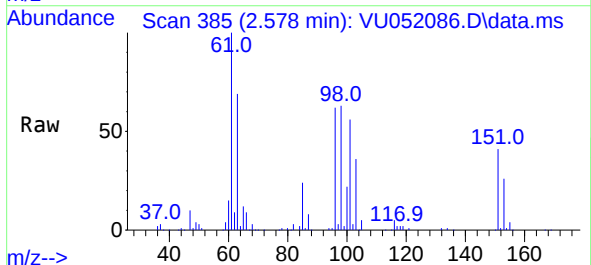
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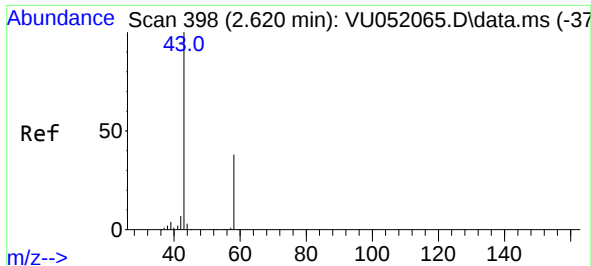
Tgt Ion:101 Resp: 81275
 Ion Ratio Lower Upper
 101 100
 85 42.7 33.8 50.6
 151 74.0 58.6 88.0



#12
 1,1-Dichloroethene
 Concen: 5.238 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU052086.D
 Acq: 23 Nov 2022 12:39

Tgt Ion: 96 Resp: 78609
 Ion Ratio Lower Upper
 96 100
 61 161.7 114.8 213.2
 63 111.1 93.7 174.1





#13

Acetone

Concen: 52.401 ug/L

RT: 2.620 min Scan# 398

Delta R.T. 0.000 min

Lab File: VU052086.D

Acq: 23 Nov 2022 12:39

Instrument :

MSVOA_U

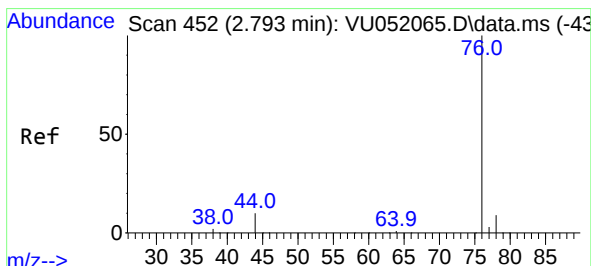
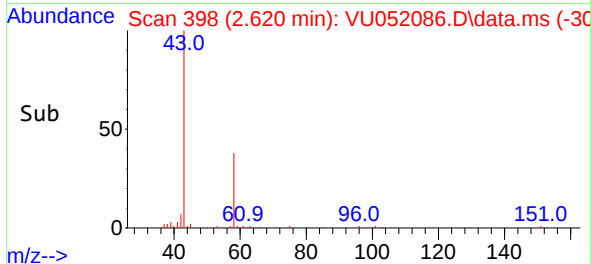
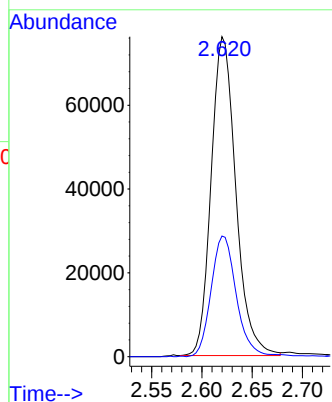
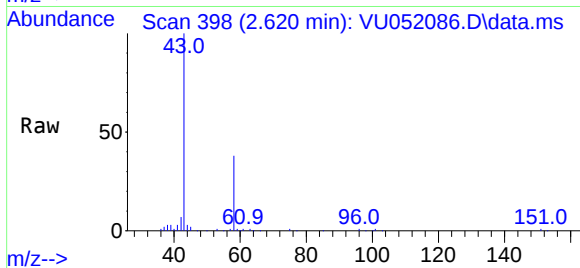
ClientSampleId :

Tgt Ion: 43 Resp: 129784

Ion Ratio Lower Upper

43 100

58 39.0 0.0 76.0



#14

Carbon disulfide

Concen: 4.675 ug/L

RT: 2.794 min Scan# 452

Delta R.T. 0.000 min

Lab File: VU052086.D

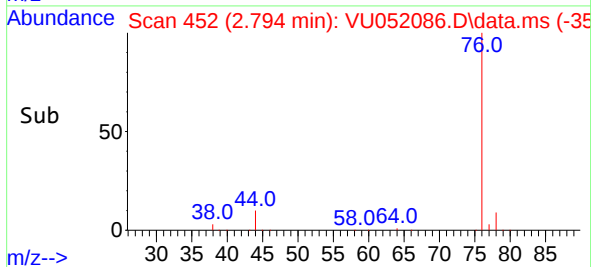
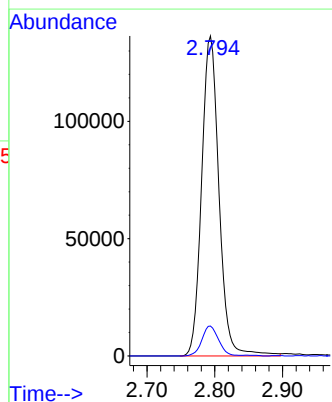
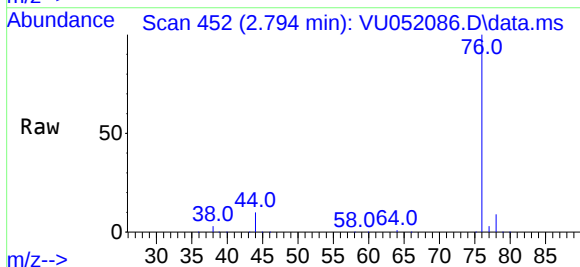
Acq: 23 Nov 2022 12:39

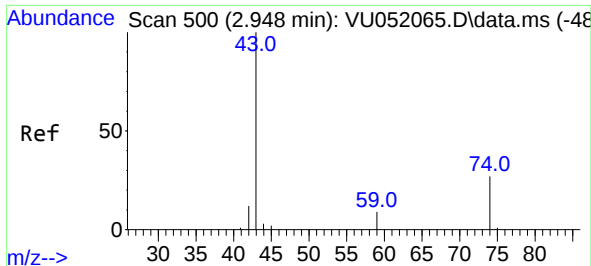
Tgt Ion: 76 Resp: 242861

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.4

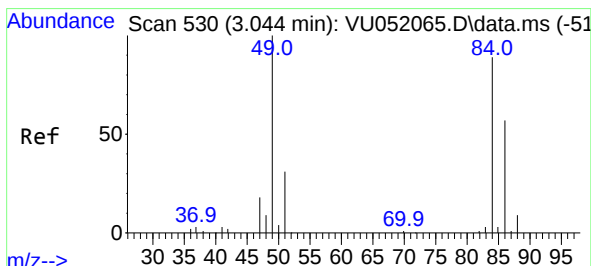
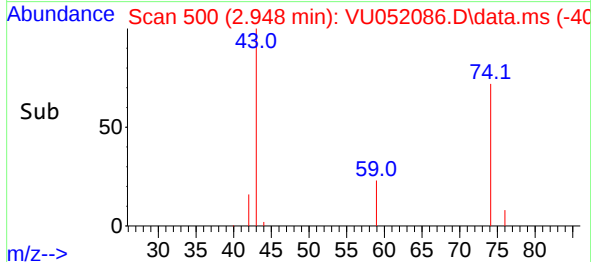
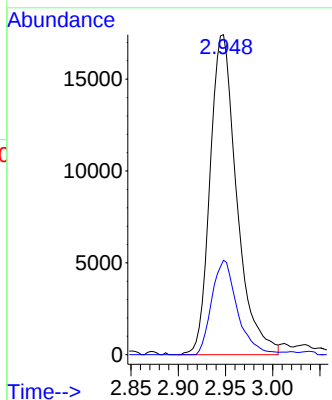
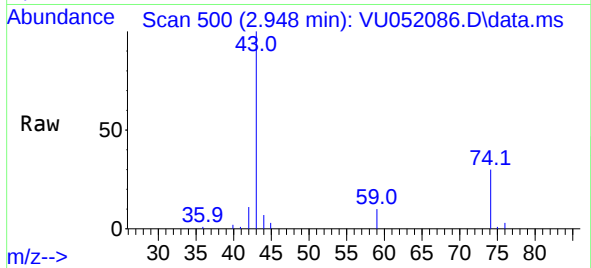




#15
Methyl Acetate
Concen: 5.332 ug/L
RT: 2.948 min Scan# 500
Delta R.T. 0.003 min
Lab File: VU052086.D
Acq: 23 Nov 2022 12:39

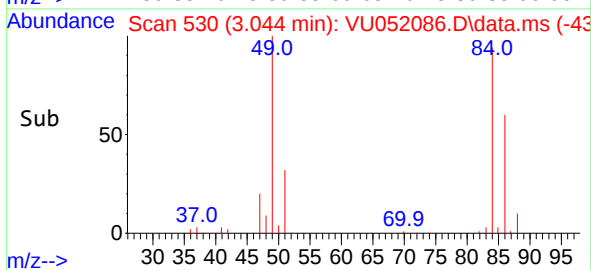
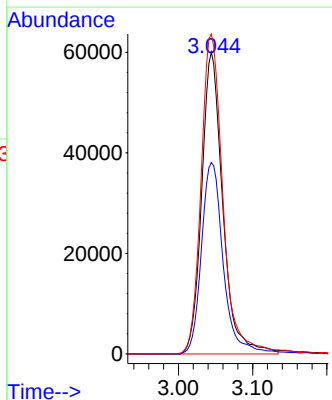
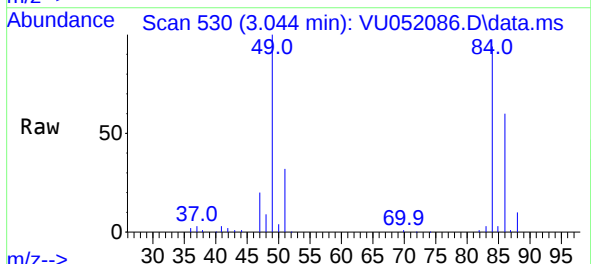
Instrument :
MSVOA_U
ClientSampleId :

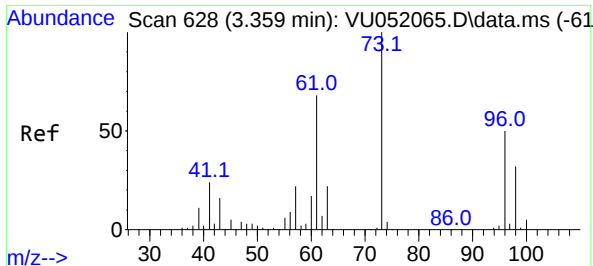
Tgt Ion: 43 Resp: 34255
Ion Ratio Lower Upper
43 100
74 28.2 21.3 31.9



#16
Methylene chloride
Concen: 5.834 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU052086.D
Acq: 23 Nov 2022 12:39

Tgt Ion: 84 Resp: 118444
Ion Ratio Lower Upper
84 100
86 63.4 43.8 81.4
49 105.9 75.9 141.1

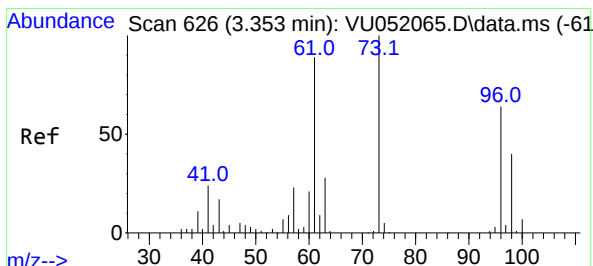
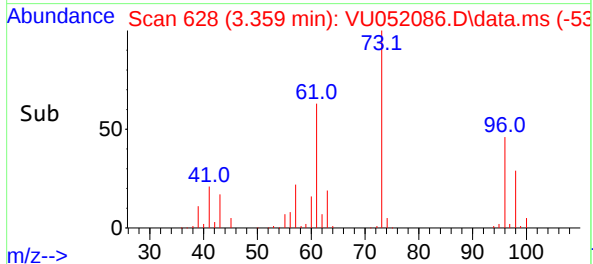
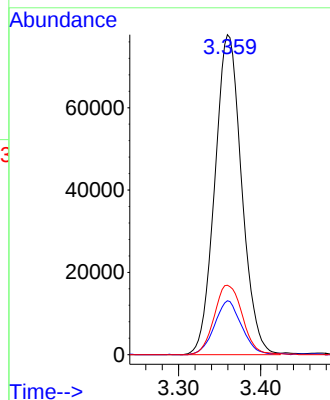
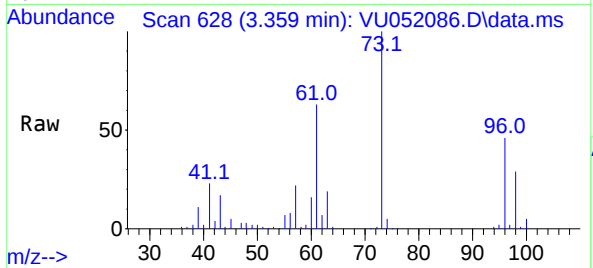




#17
Methyl tert-butyl Ether
Concen: 5.268 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU052086.D
Acq: 23 Nov 2022 12:39

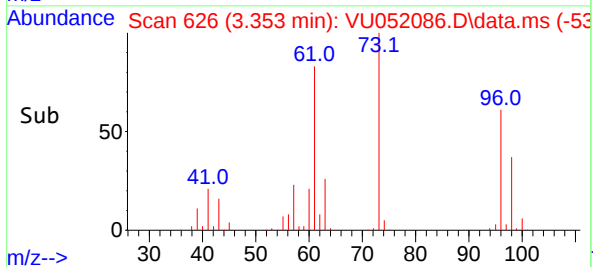
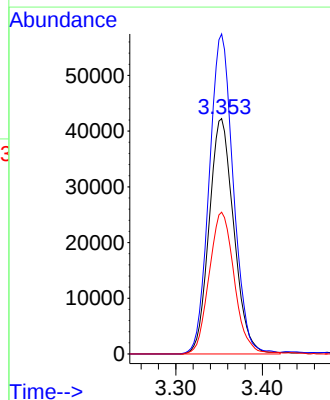
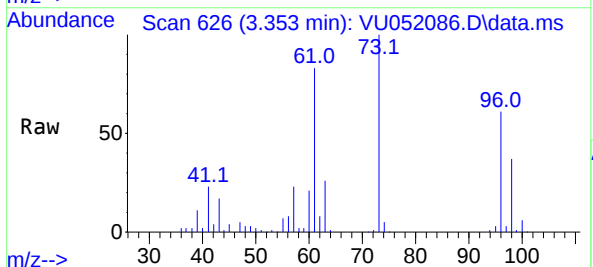
Instrument :
MSVOA_U
ClientSampleId :

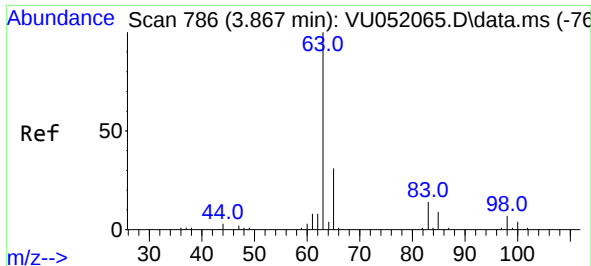
Tgt Ion: 73 Resp: 176984
Ion Ratio Lower Upper
73 100
43 17.0 13.2 19.8
57 22.9 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 5.199 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.000 min
Lab File: VU052086.D
Acq: 23 Nov 2022 12:39

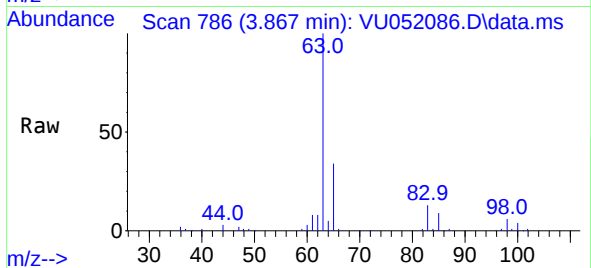
Tgt Ion: 96 Resp: 83632
Ion Ratio Lower Upper
96 100
61 136.0 97.9 181.7
98 60.2 43.8 81.3



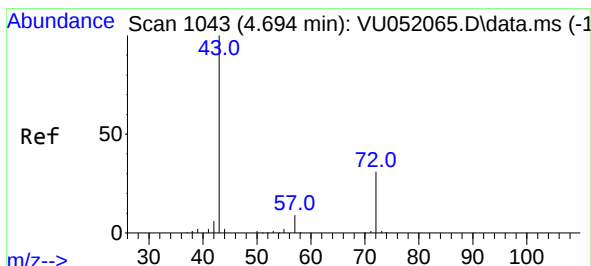
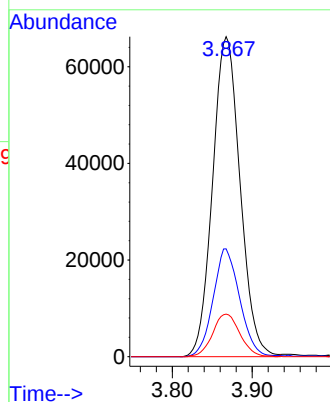
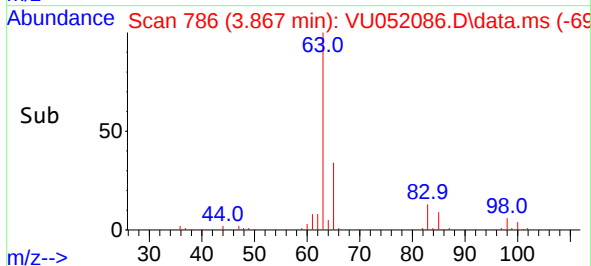


#19
1,1-Dichloroethane
Concen: 5.451 ug/L
RT: 3.867 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU052086.D
Acq: 23 Nov 2022 12:39

Instrument :
MSVOA_U
ClientSampleId :

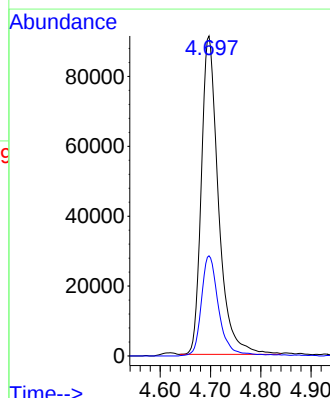
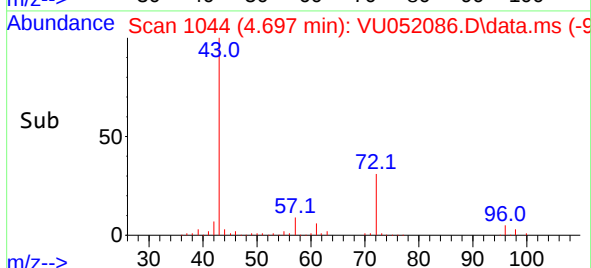
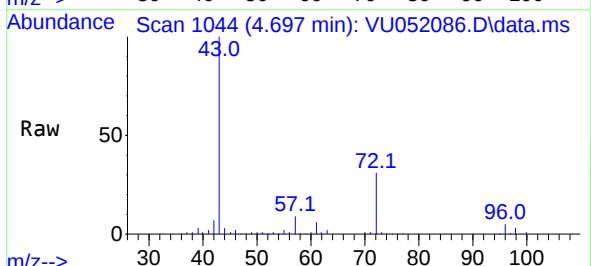


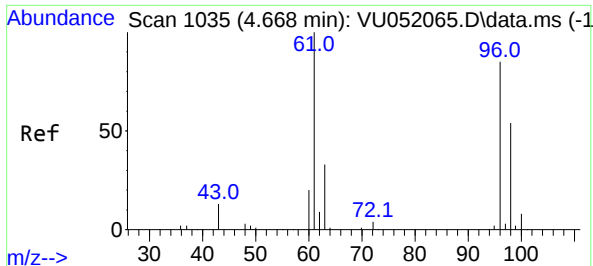
Tgt Ion: 63 Resp: 158029
Ion Ratio Lower Upper
63 100
65 33.7 22.2 41.2
83 13.3 9.2 17.0



#21
2-Butanone
Concen: 54.324 ug/L
RT: 4.697 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VU052086.D
Acq: 23 Nov 2022 12:39

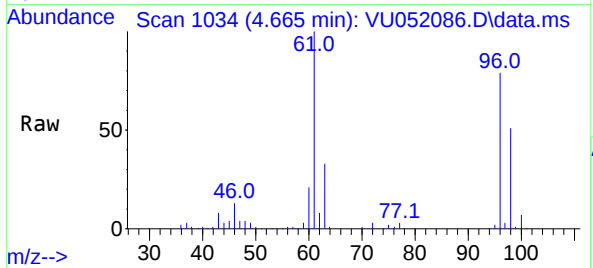
Tgt Ion: 43 Resp: 215649
Ion Ratio Lower Upper
43 100
72 31.7 15.6 46.8





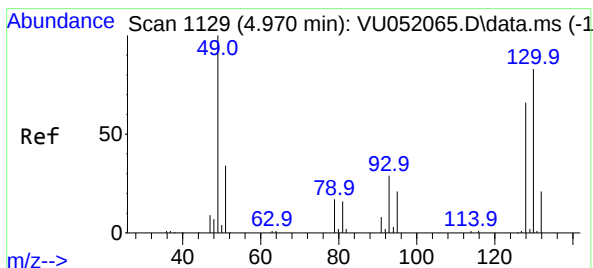
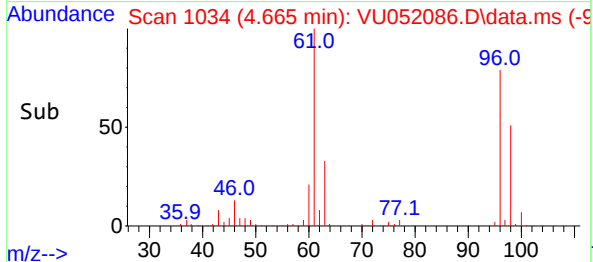
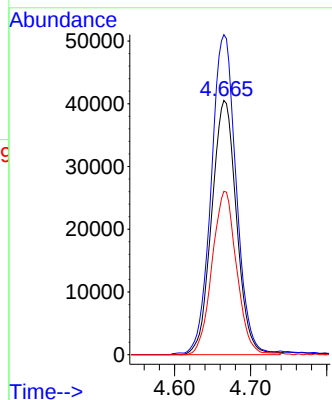
#22
 cis-1,2-Dichloroethene
 Concen: 5.445 ug/L
 RT: 4.665 min Scan# 110
 Delta R.T. 0.000 min
 Lab File: VU052086.D
 Acq: 23 Nov 2022 12:39

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 91922

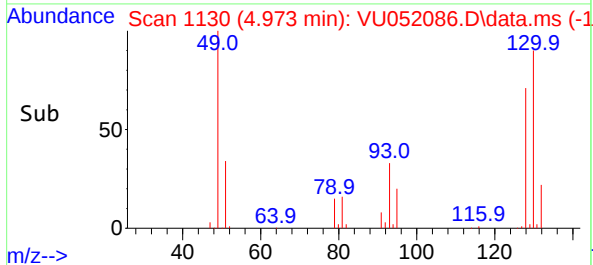
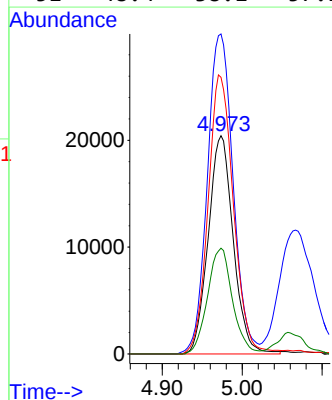
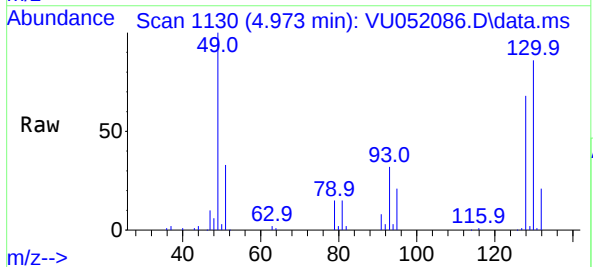
Ion	Ratio	Lower	Upper
96	100		
61	125.9	85.1	158.1
98	64.3	42.8	79.6

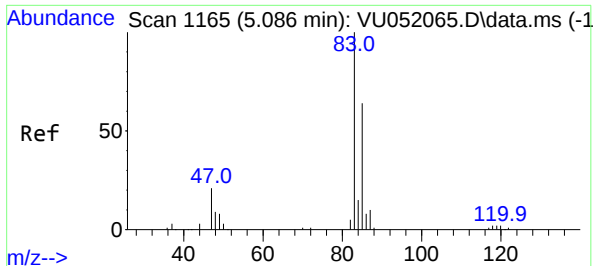


#23
 Bromochloromethane
 Concen: 5.489 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. 0.003 min
 Lab File: VU052086.D
 Acq: 23 Nov 2022 12:39

Tgt Ion: 128 Resp: 44336

Ion	Ratio	Lower	Upper
128	100		
49	146.6	104.0	193.2
130	126.7	84.6	157.2
51	48.4	38.1	57.1

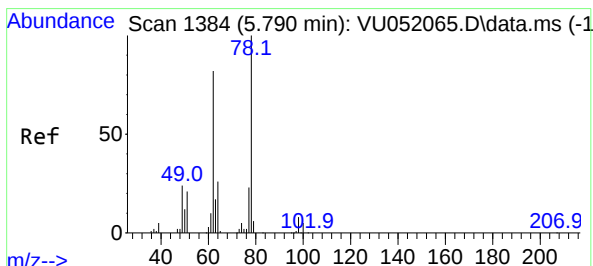
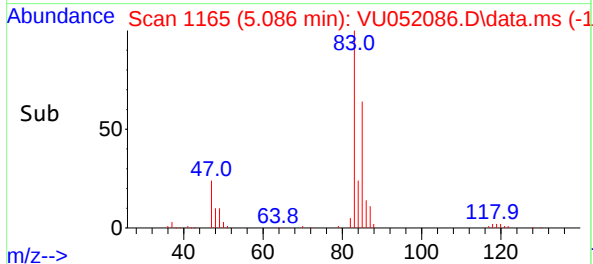
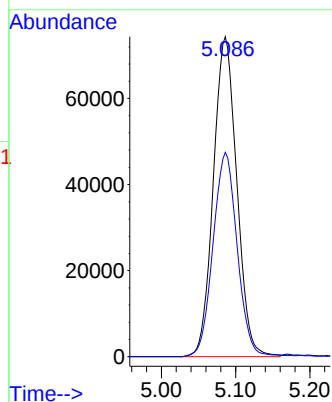
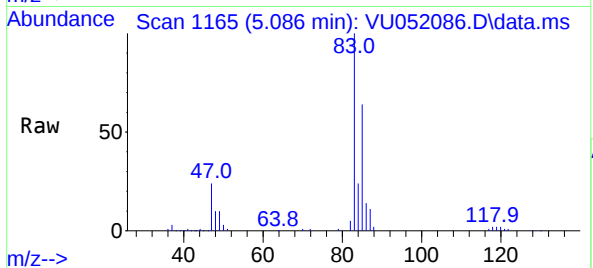




#25
Chloroform
Concen: 5.551 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VU052086.D
Acq: 23 Nov 2022 12:39

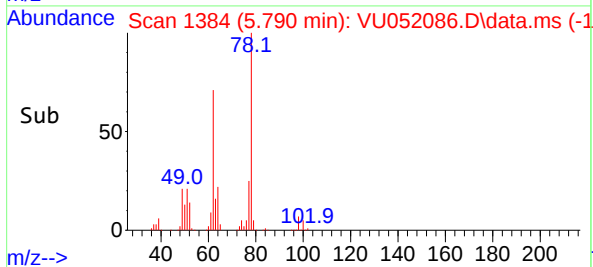
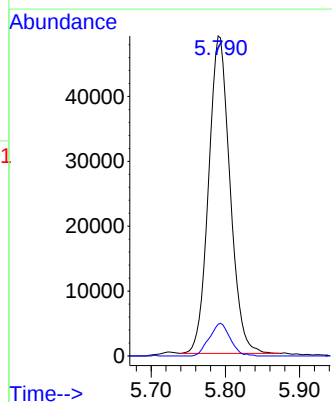
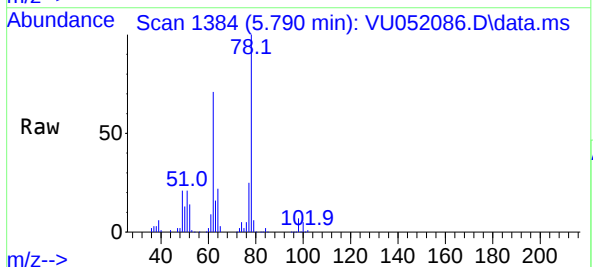
Instrument :
MSVOA_U
ClientSampleId :

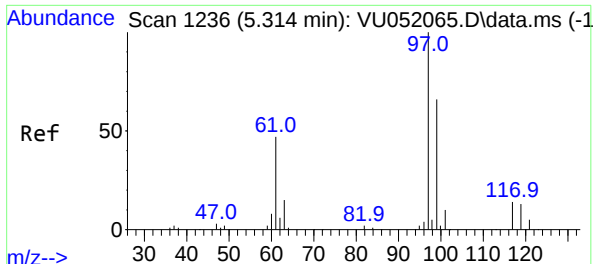
Tgt Ion: 83 Resp: 163062
Ion Ratio Lower Upper
83 100
85 63.9 43.8 81.4



#27
1,2-Dichloroethane
Concen: 5.443 ug/L
RT: 5.790 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VU052086.D
Acq: 23 Nov 2022 12:39

Tgt Ion: 62 Resp: 97940
Ion Ratio Lower Upper
62 100
98 9.9 8.4 12.6



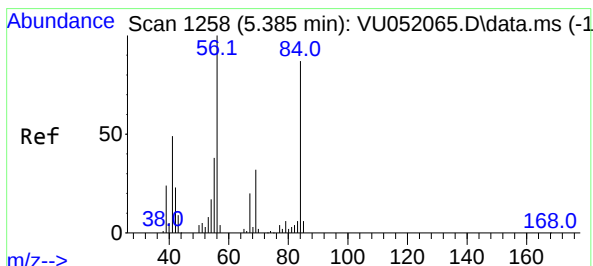
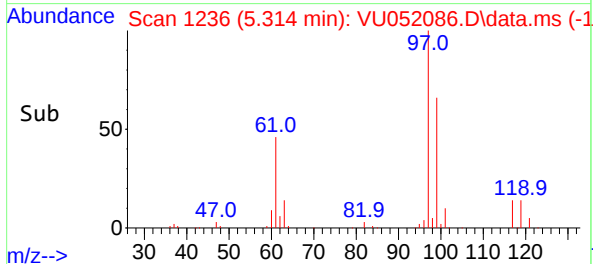
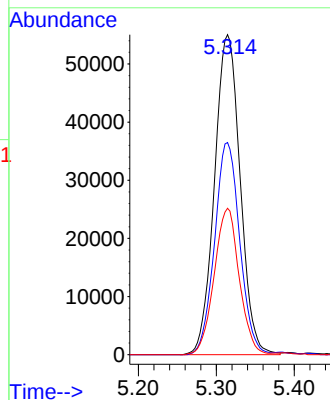
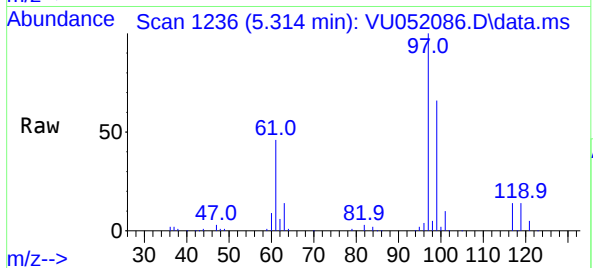


#29
1,1,1-Trichloroethane
Concen: 5.495 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VU052086.D
Acq: 23 Nov 2022 12:39

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 126352

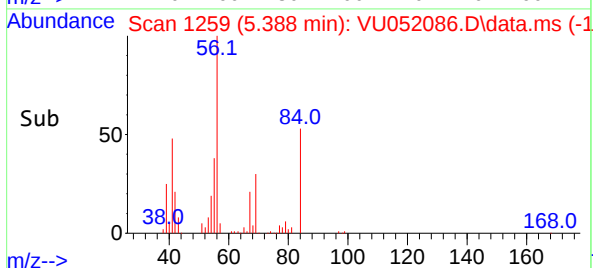
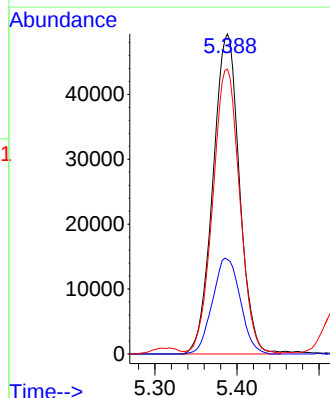
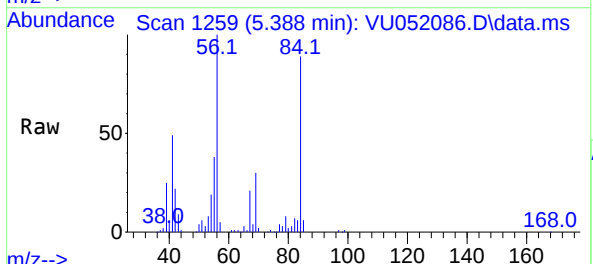
Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.0	76.6
61	44.6	36.9	55.3

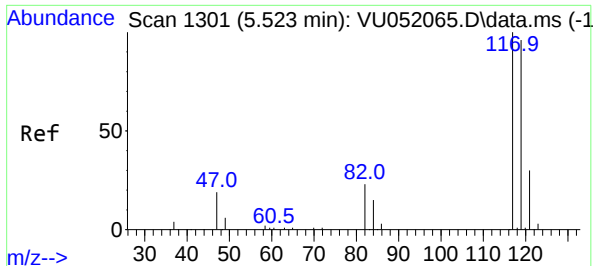


#30
Cyclohexane
Concen: 4.961 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. 0.003 min
Lab File: VU052086.D
Acq: 23 Nov 2022 12:39

Tgt Ion: 56 Resp: 110751

Ion	Ratio	Lower	Upper
56	100		
69	31.4	25.6	38.4
84	89.7	72.0	108.0

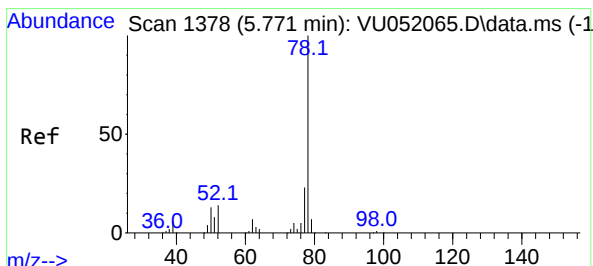
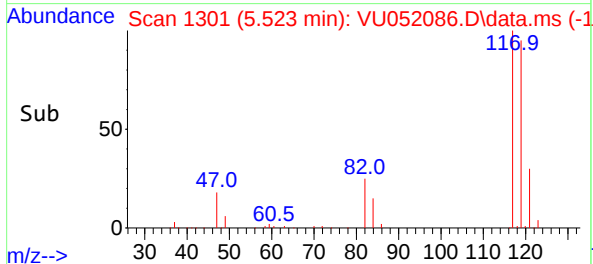
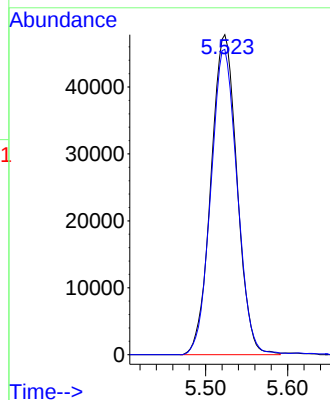
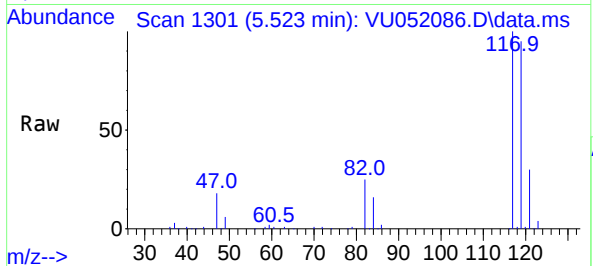




#31
Carbon tetrachloride
Concen: 5.396 ug/L
RT: 5.523 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU052086.D
Acq: 23 Nov 2022 12:39

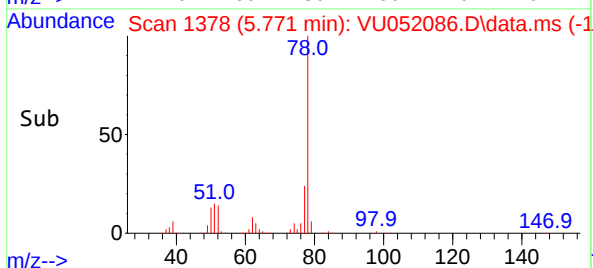
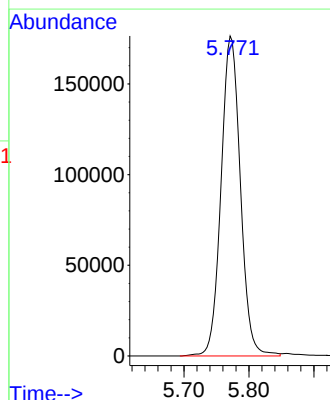
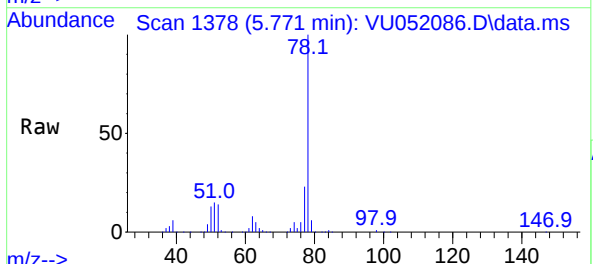
Instrument :
MSVOA_U
ClientSampleId :

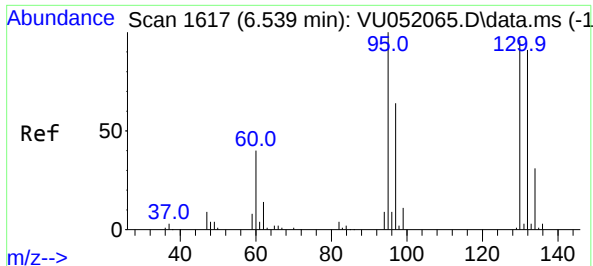
Tgt Ion:117 Resp: 105423
Ion Ratio Lower Upper
117 100
119 96.4 77.2 115.8



#33
Benzene
Concen: 5.390 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU052086.D
Acq: 23 Nov 2022 12:39

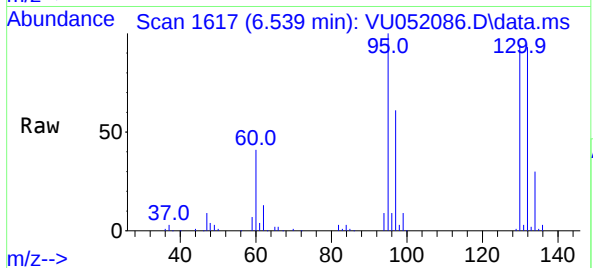
Tgt Ion: 78 Resp: 363521



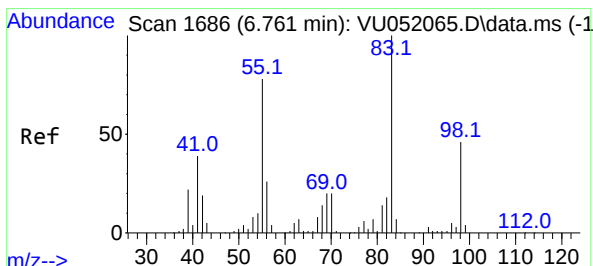
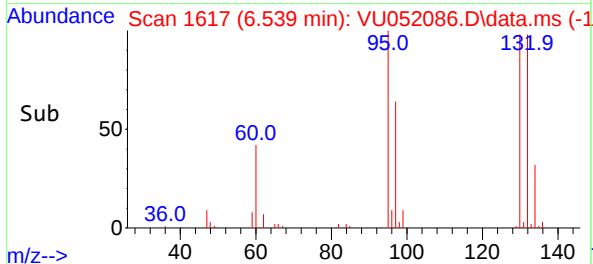
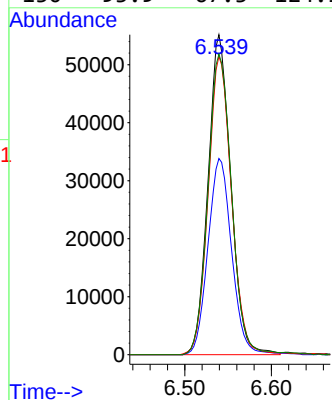


#34
Trichloroethene
Concen: 6.007 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU052086.D
Acq: 23 Nov 2022 12:39

Instrument :
MSVOA_U
ClientSampleId :

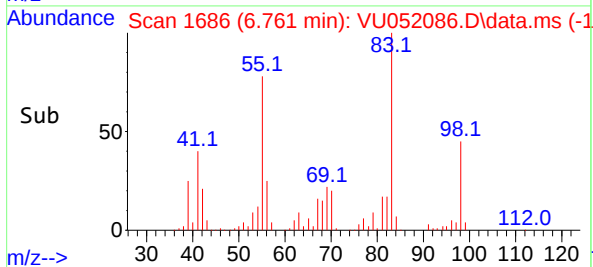
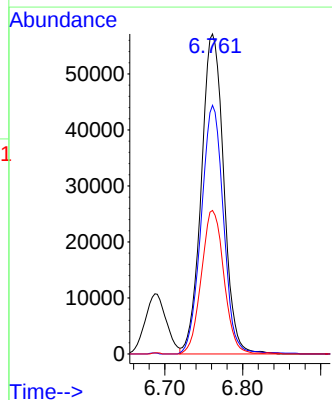
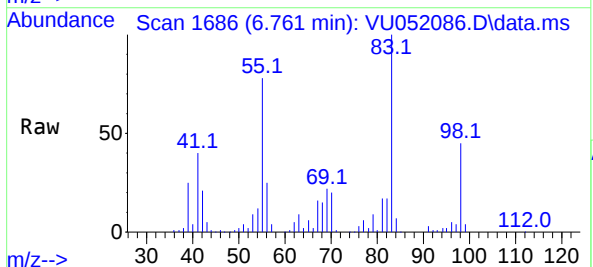


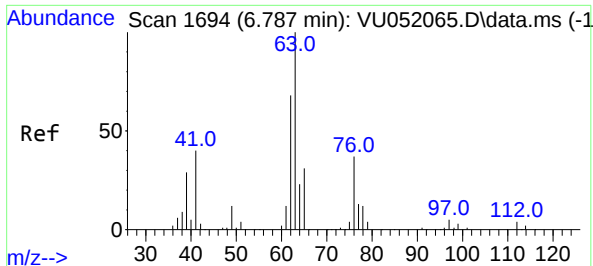
Tgt Ion: 95 Resp: 101047
Ion Ratio Lower Upper
95 100
97 61.3 43.7 81.1
132 93.2 64.3 119.3
130 93.9 67.3 124.9



#35
Methylcyclohexane
Concen: 4.727 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU052086.D
Acq: 23 Nov 2022 12:39

Tgt Ion: 83 Resp: 114383
Ion Ratio Lower Upper
83 100
55 77.2 60.8 91.2
98 45.1 35.1 52.7

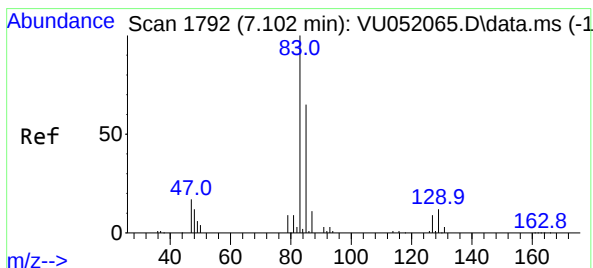
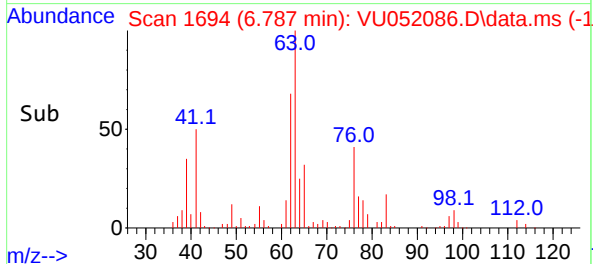
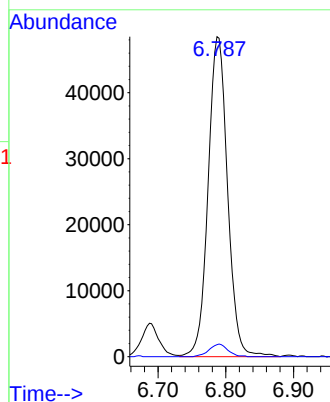
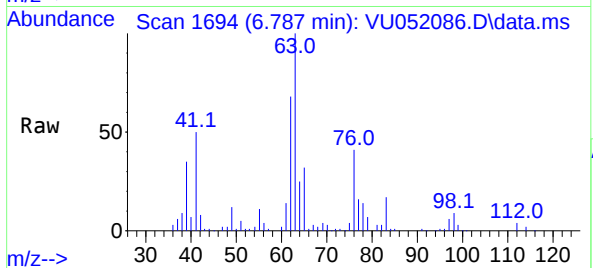




#37
1,2-Dichloropropane
Concen: 5.528 ug/L
RT: 6.787 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052086.D
Acq: 23 Nov 2022 12:39

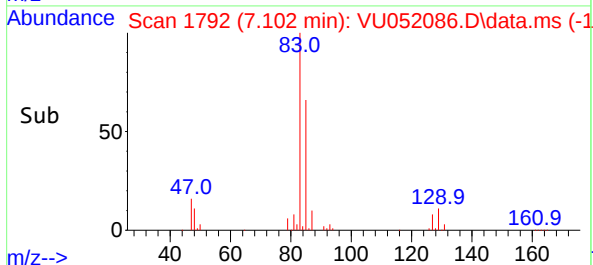
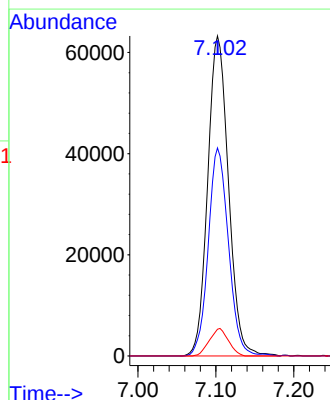
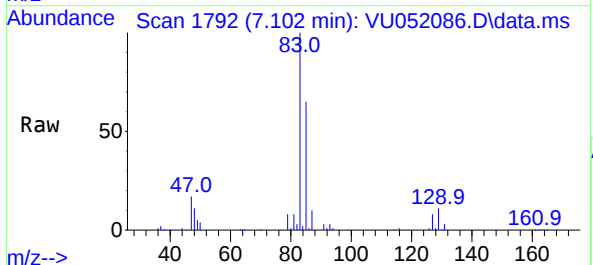
Instrument :
MSVOA_U
ClientSampleId :

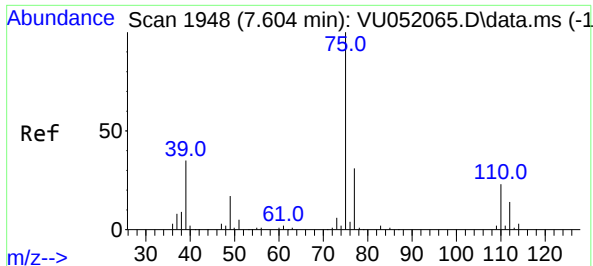
Tgt Ion: 63 Resp: 96537
Ion Ratio Lower Upper
63 100
112 3.8 3.3 4.9



#38
Bromodichloromethane
Concen: 5.509 ug/L
RT: 7.102 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VU052086.D
Acq: 23 Nov 2022 12:39

Tgt Ion: 83 Resp: 117291
Ion Ratio Lower Upper
83 100
85 65.0 43.5 80.9
127 8.4 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 4.707 ug/L

RT: 7.604 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VU052086.D

Acq: 23 Nov 2022 12:39

Instrument :

MSVOA_U

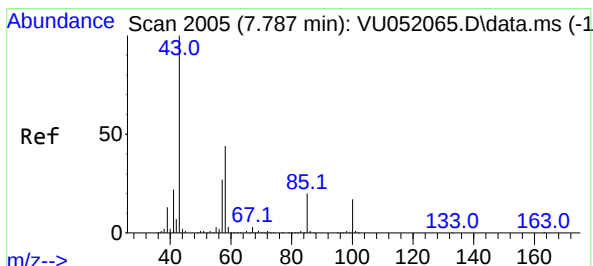
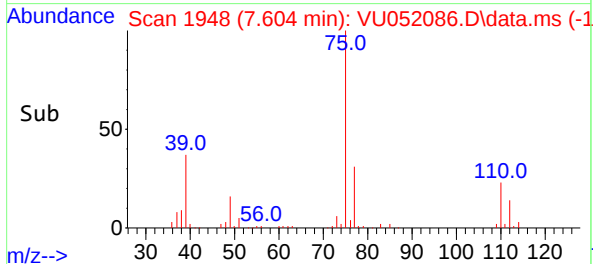
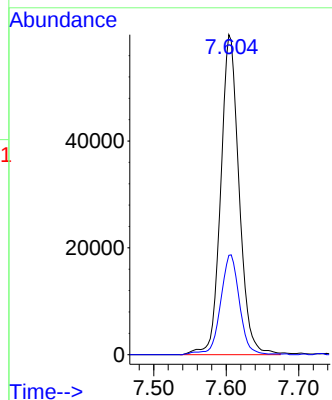
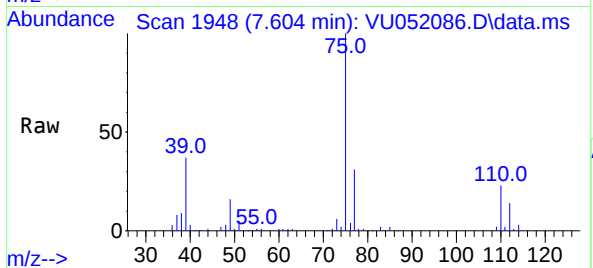
ClientSampleId :

Tgt Ion: 75 Resp: 105543

Ion Ratio Lower Upper

75 100

77 31.0 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 57.418 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. 0.000 min

Lab File: VU052086.D

Acq: 23 Nov 2022 12:39

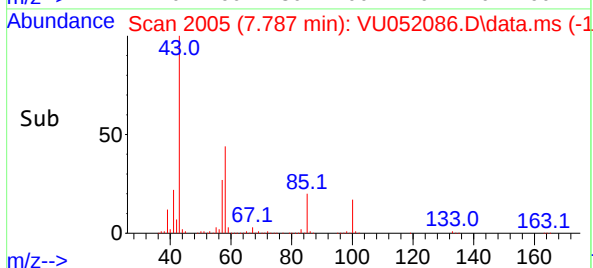
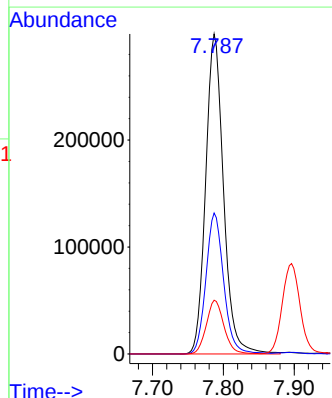
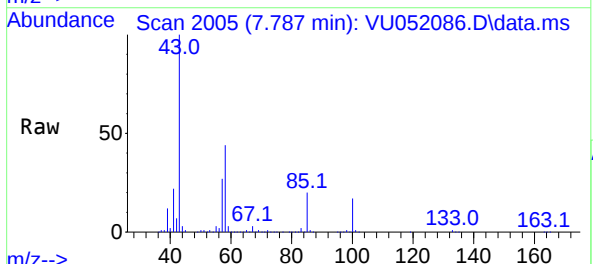
Tgt Ion: 43 Resp: 523760

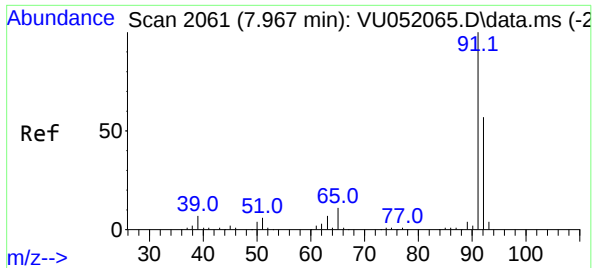
Ion Ratio Lower Upper

43 100

58 43.8 35.3 52.9

100 16.6 13.6 20.4

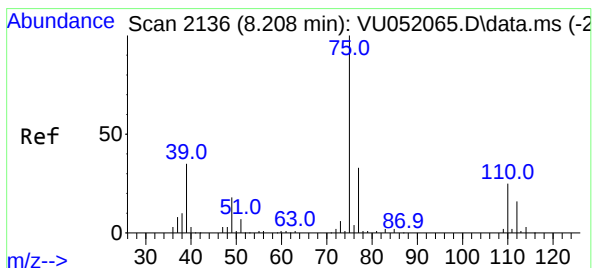
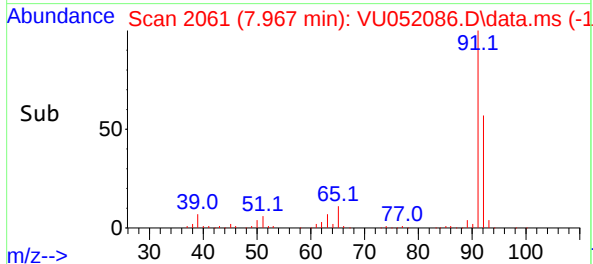
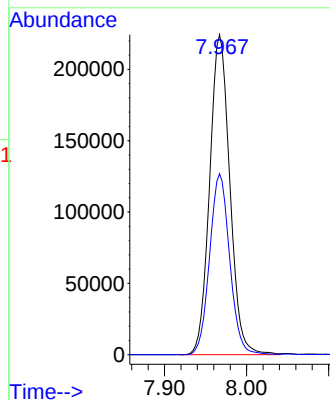
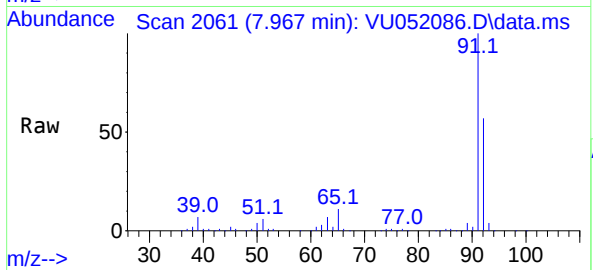




#42
Toluene
Concen: 5.523 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VU052086.D
Acq: 23 Nov 2022 12:39

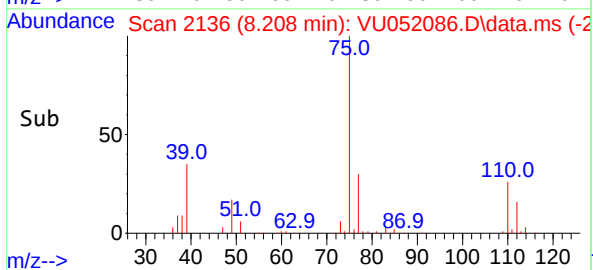
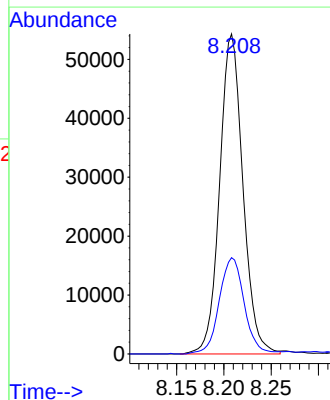
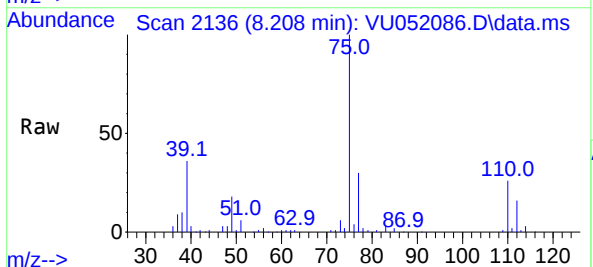
Instrument :
MSVOA_U
ClientSampleId :

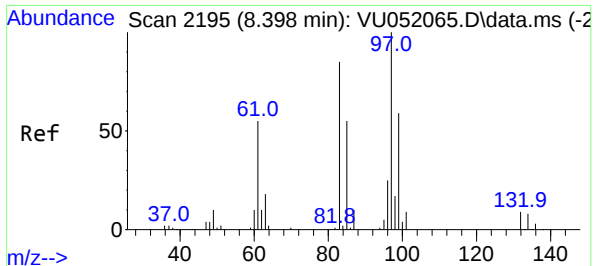
Tgt Ion: 91 Resp: 383187
Ion Ratio Lower Upper
91 100
92 56.5 40.7 75.5



#44
trans-1,3-Dichloropropene
Concen: 4.841 ug/L
RT: 8.208 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VU052086.D
Acq: 23 Nov 2022 12:39

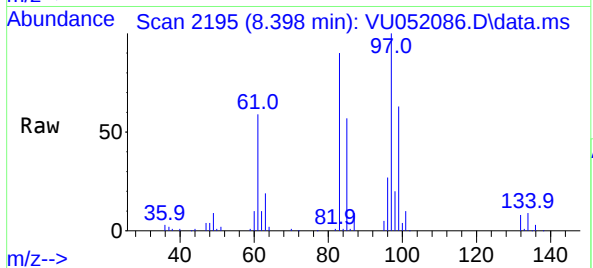
Tgt Ion: 75 Resp: 92946
Ion Ratio Lower Upper
75 100
77 30.1 22.6 42.0





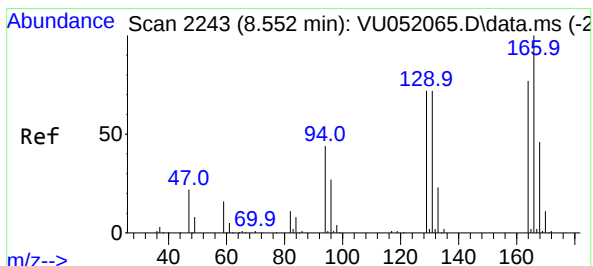
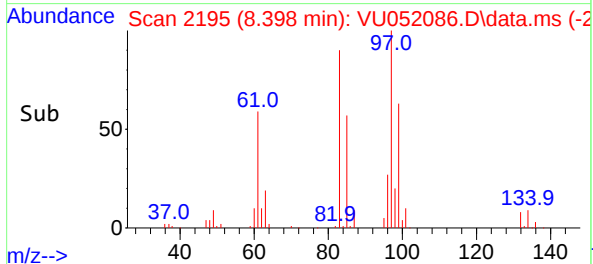
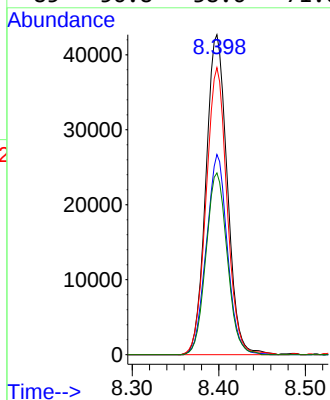
#45
1,1,2-Trichloroethane
Concen: 5.565 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU052086.D
Acq: 23 Nov 2022 12:39

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 97 Resp: 73035

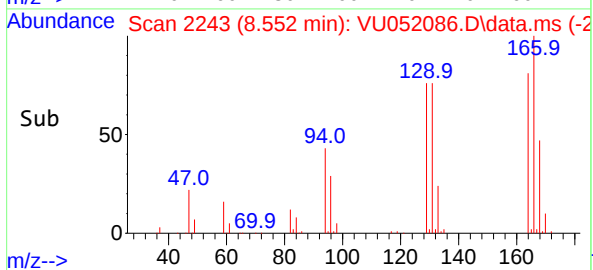
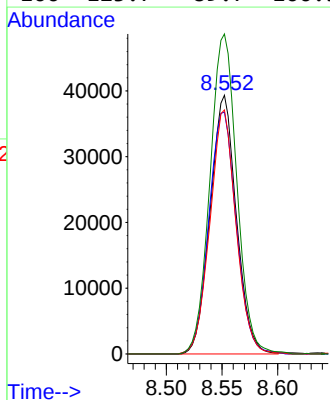
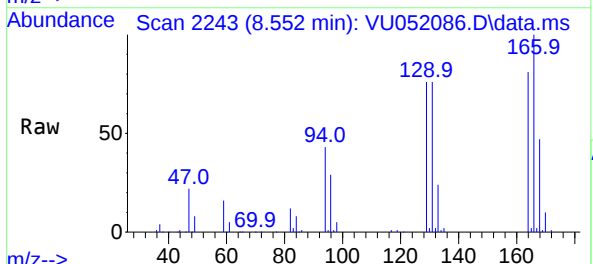
Ion	Ratio	Lower	Upper
97	100		
99	62.6	42.6	79.2
83	89.7	60.7	112.7
85	56.8	38.6	71.6

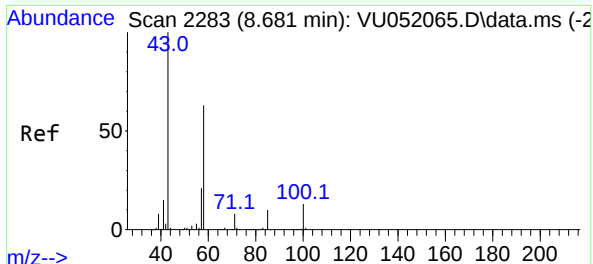


#47
Tetrachloroethene
Concen: 5.008 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU052086.D
Acq: 23 Nov 2022 12:39

Tgt Ion: 164 Resp: 64561

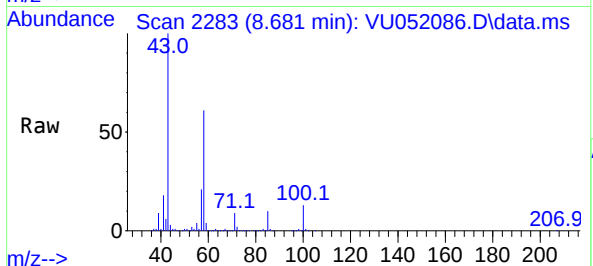
Ion	Ratio	Lower	Upper
164	100		
129	93.5	67.4	125.2
131	94.3	67.1	124.7
166	123.7	89.7	166.5



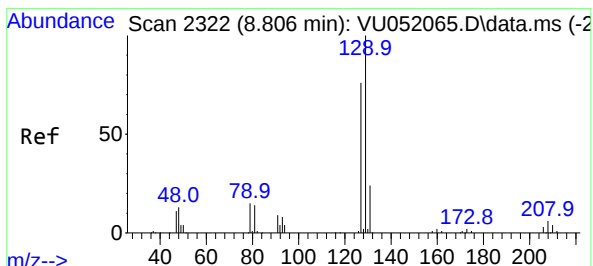
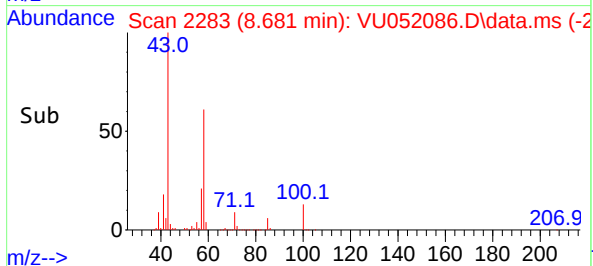
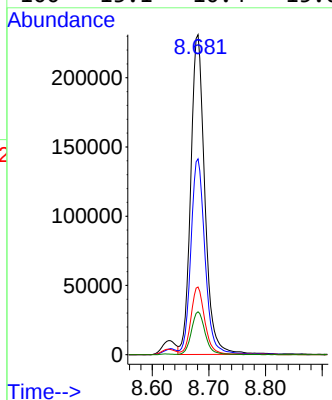


#48
2-Hexanone
Concen: 59.745 ug/L
RT: 8.681 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052086.D
Acq: 23 Nov 2022 12:39

Instrument :
MSVOA_U
ClientSampleId :

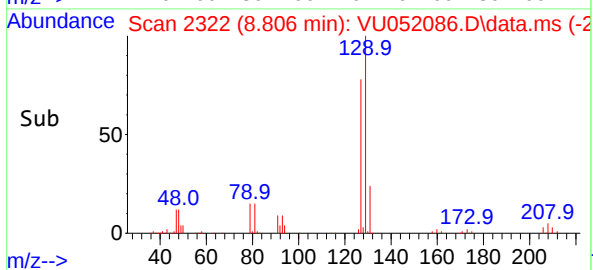
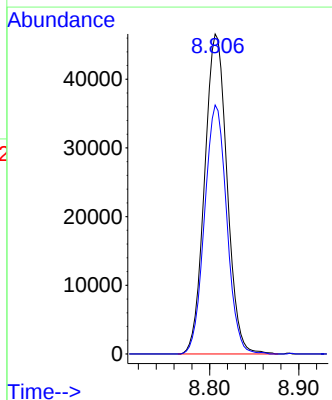
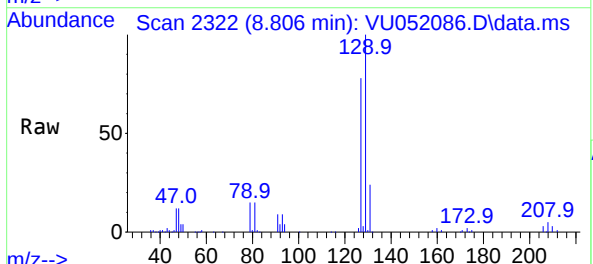


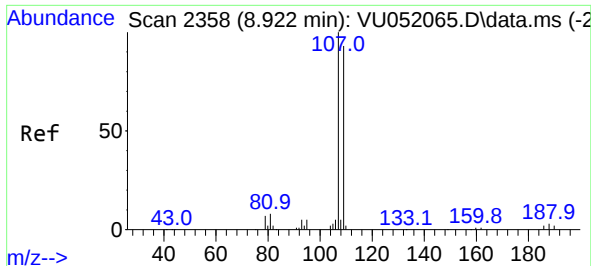
Tgt Ion: 43 Resp: 399534
Ion Ratio Lower Upper
43 100
58 60.9 49.4 74.0
57 20.4 16.3 24.5
100 13.1 10.4 15.6



#49
Dibromochloromethane
Concen: 5.544 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VU052086.D
Acq: 23 Nov 2022 12:39

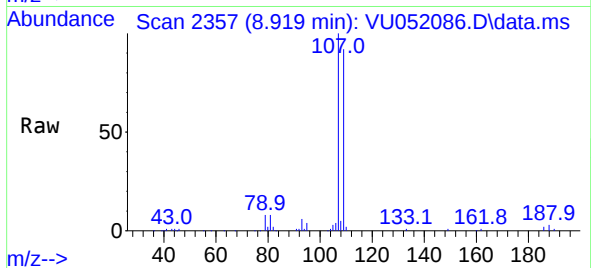
Tgt Ion: 129 Resp: 81478
Ion Ratio Lower Upper
129 100
127 77.8 52.8 98.2



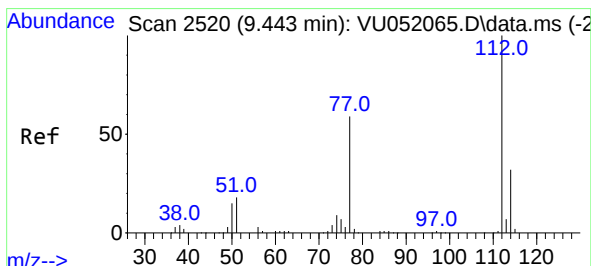
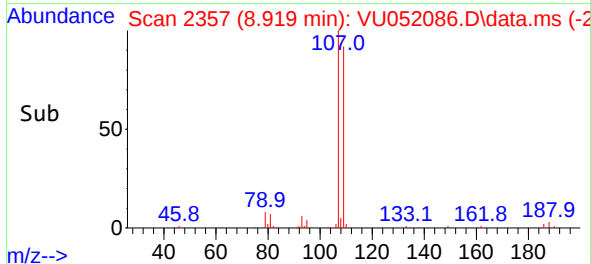
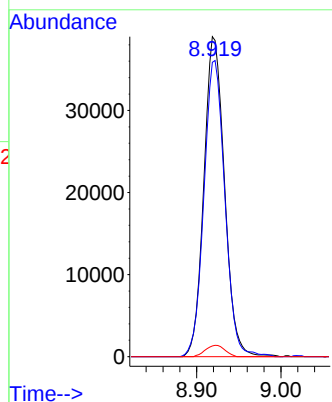


#50
1,2-Dibromoethane
Concen: 5.549 ug/L
RT: 8.919 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU052086.D
Acq: 23 Nov 2022 12:39

Instrument :
MSVOA_U
ClientSampleId :

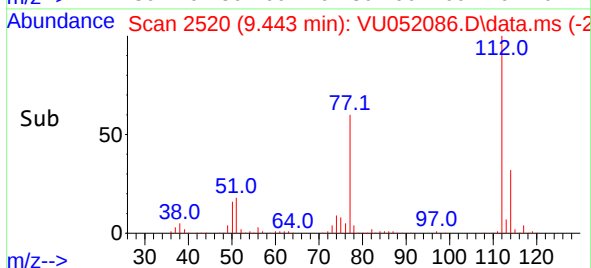
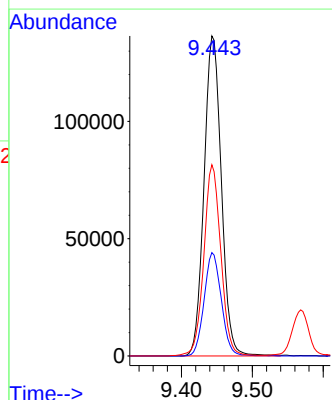
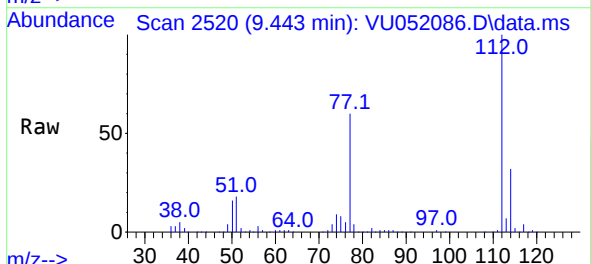


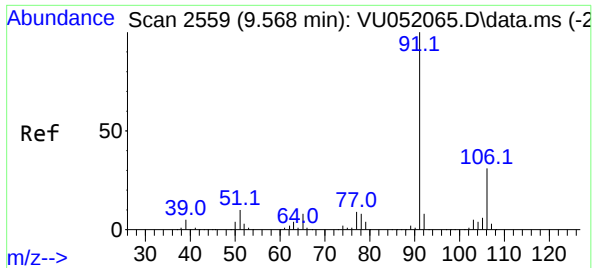
Tgt Ion:107 Resp: 66333
Ion Ratio Lower Upper
107 100
109 92.0 64.9 120.5
188 3.4 2.6 4.0



#51
Chlorobenzene
Concen: 5.235 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. -0.003 min
Lab File: VU052086.D
Acq: 23 Nov 2022 12:39

Tgt Ion:112 Resp: 231555
Ion Ratio Lower Upper
112 100
114 32.3 22.2 41.2
77 59.8 46.6 70.0

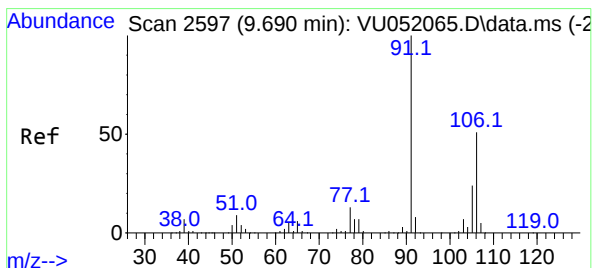
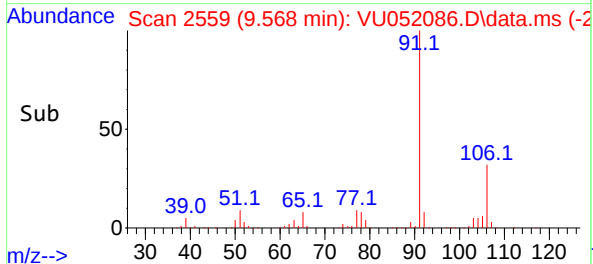
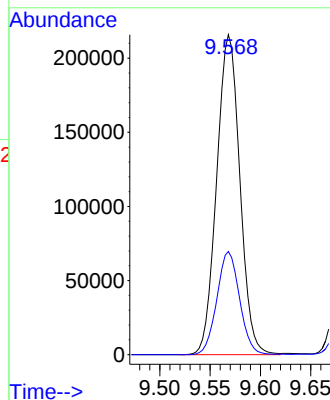
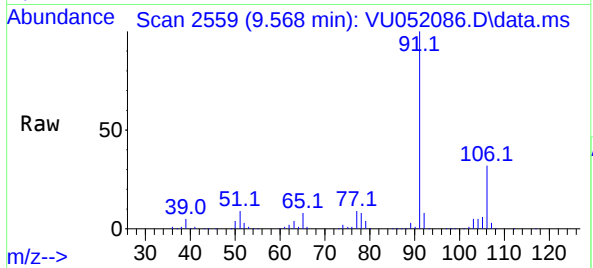




#52
Ethylbenzene
Concen: 5.131 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU052086.D
Acq: 23 Nov 2022 12:39

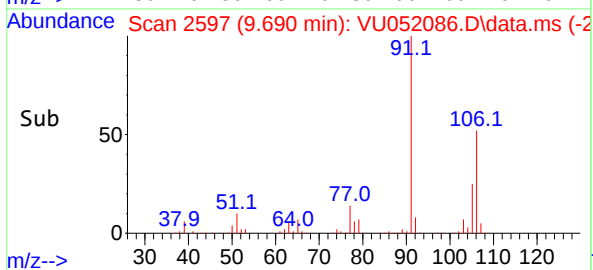
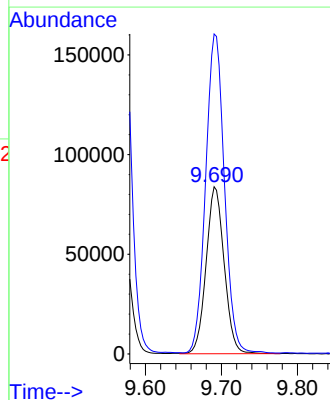
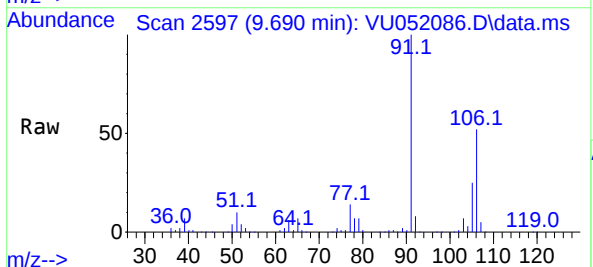
Instrument :
MSVOA_U
ClientSampleId :

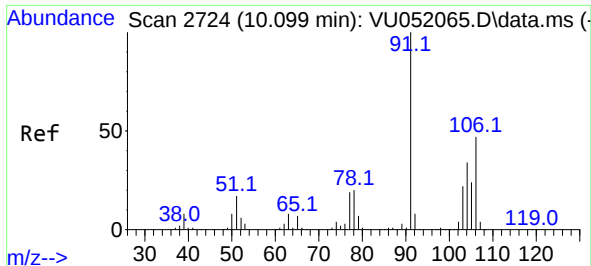
Tgt Ion: 91 Resp: 346093
Ion Ratio Lower Upper
91 100
106 32.2 22.3 41.3



#53
m,p-Xylene
Concen: 5.289 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU052086.D
Acq: 23 Nov 2022 12:39

Tgt Ion: 106 Resp: 138145
Ion Ratio Lower Upper
106 100
91 191.4 137.7 255.7

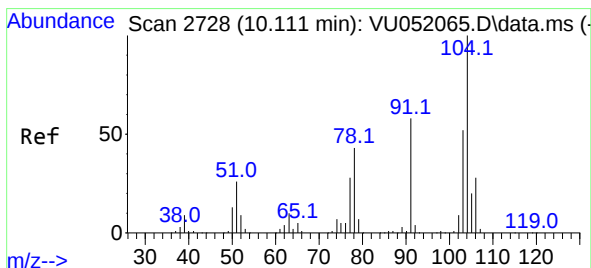
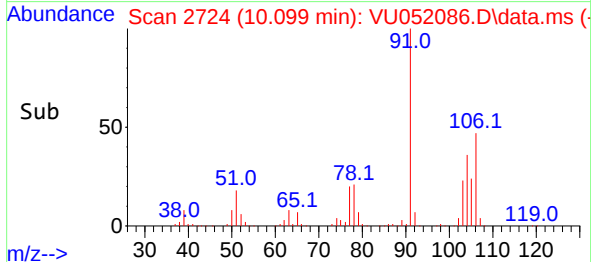
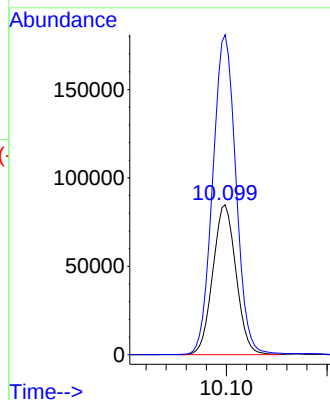
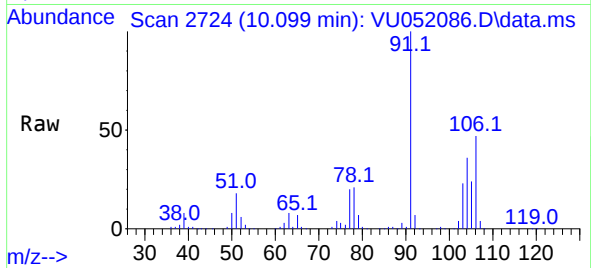




#54
o-Xylene
Concen: 5.443 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU052086.D
Acq: 23 Nov 2022 12:39

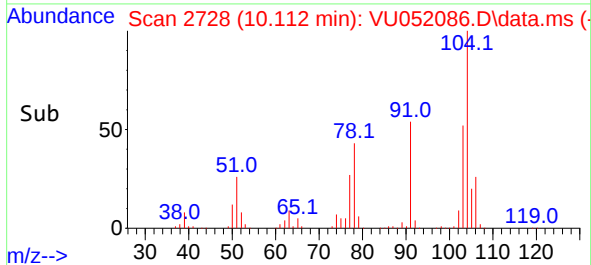
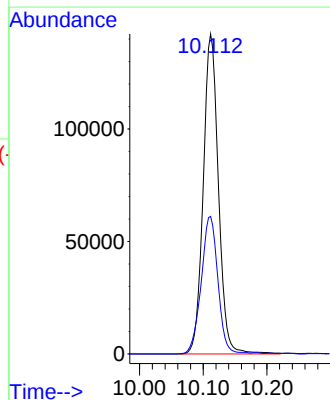
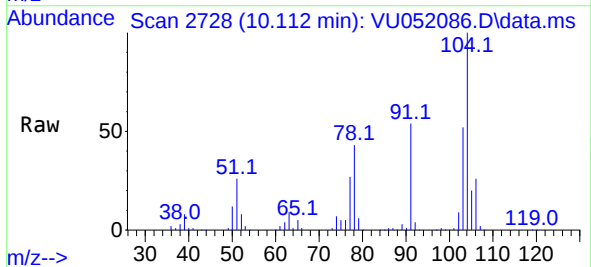
Instrument :
MSVOA_U
ClientSampleId :

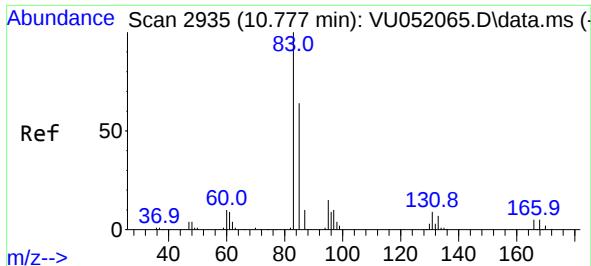
Tgt Ion:106 Resp: 136245
Ion Ratio Lower Upper
106 100
91 213.4 151.5 281.5



#55
Styrene
Concen: 5.584 ug/L
RT: 10.112 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU052086.D
Acq: 23 Nov 2022 12:39

Tgt Ion:104 Resp: 236083
Ion Ratio Lower Upper
104 100
78 43.0 30.6 56.8





#57

1,1,2,2-Tetrachloroethane

Concen: 5.778 ug/L

RT: 10.777 min Scan# 2935

Delta R.T. -0.003 min

Lab File: VU052086.D

Acq: 23 Nov 2022 12:39

Instrument :

MSVOA_U

ClientSampleId :

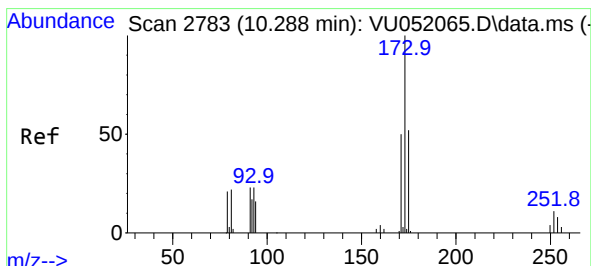
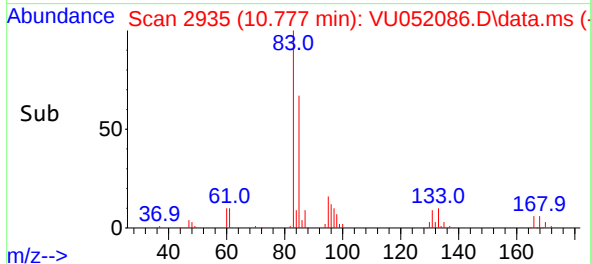
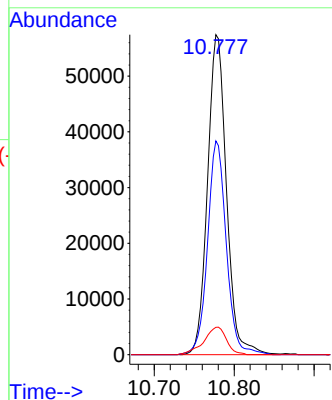
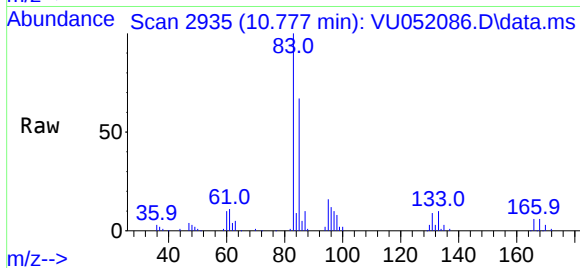
Tgt Ion: 83 Resp: 94709

Ion Ratio Lower Upper

83 100

85 66.8 45.7 84.9

131 8.5 7.6 11.4



#59

Bromoform

Concen: 5.716 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. 0.000 min

Lab File: VU052086.D

Acq: 23 Nov 2022 12:39

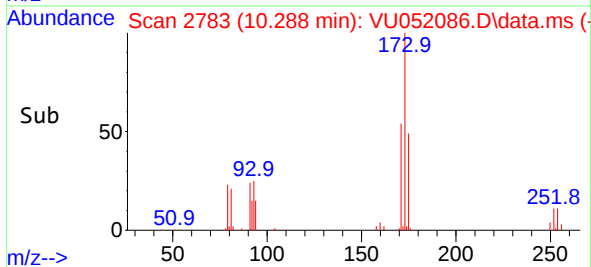
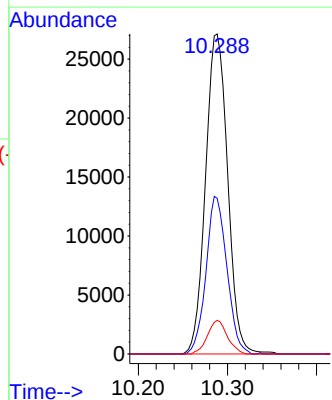
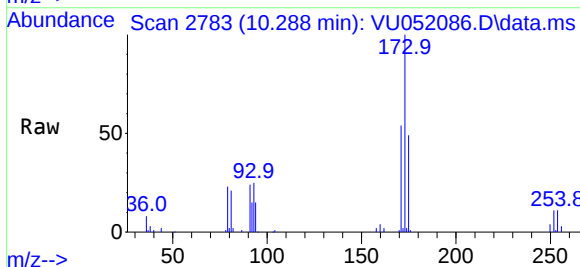
Tgt Ion:173 Resp: 46809

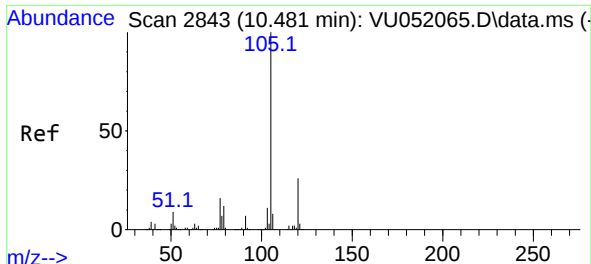
Ion Ratio Lower Upper

173 100

175 46.3 37.2 55.8

254 9.4 7.0 10.6

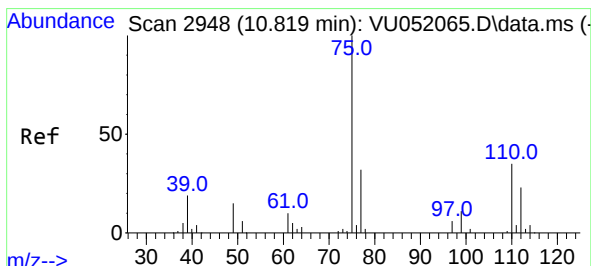
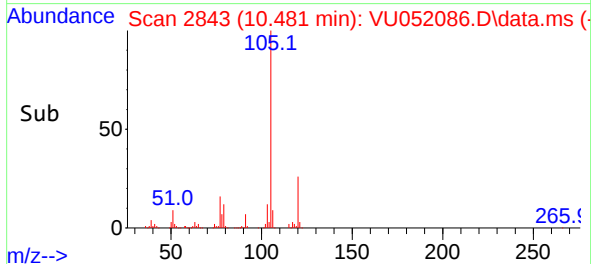
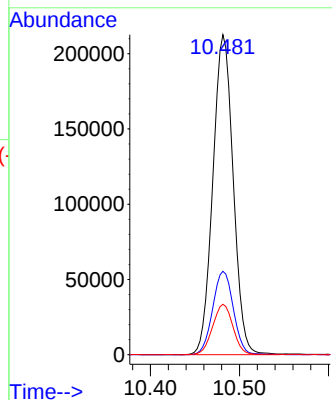
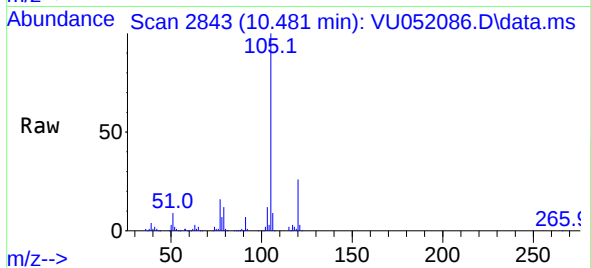




#60
Isopropylbenzene
Concen: 5.407 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU052086.D
Acq: 23 Nov 2022 12:39

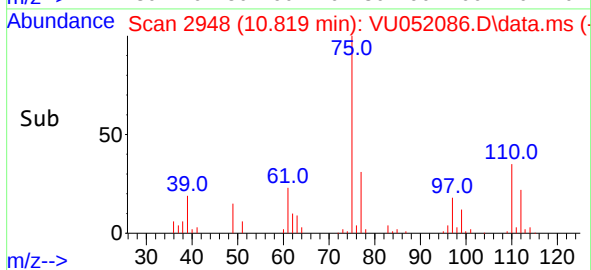
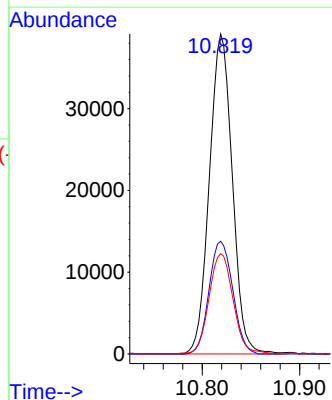
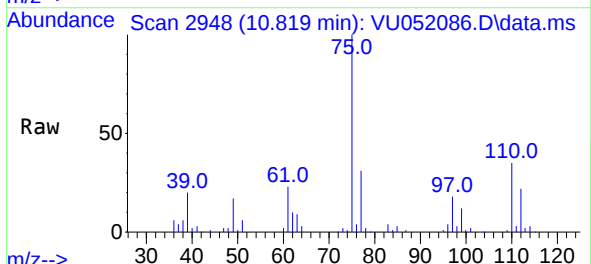
Instrument :
MSVOA_U
ClientSampleId :

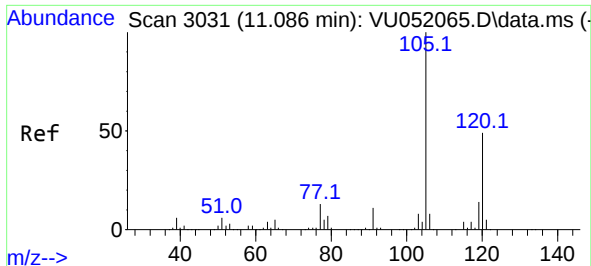
Tgt Ion:105 Resp: 337688
Ion Ratio Lower Upper
105 100
120 26.5 21.0 31.6
77 15.8 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 5.616 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VU052086.D
Acq: 23 Nov 2022 12:39

Tgt Ion: 75 Resp: 63909
Ion Ratio Lower Upper
75 100
110 36.5 28.3 42.5
77 33.0 26.2 39.2

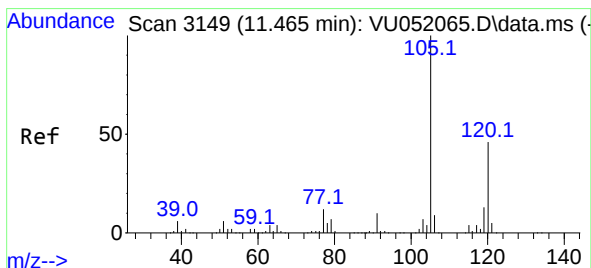
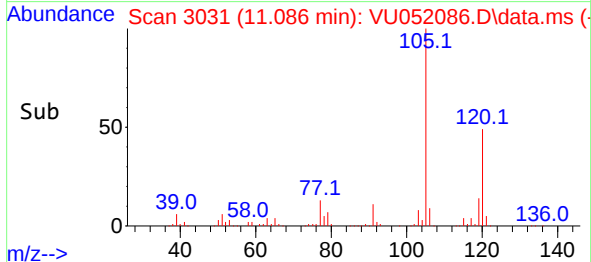
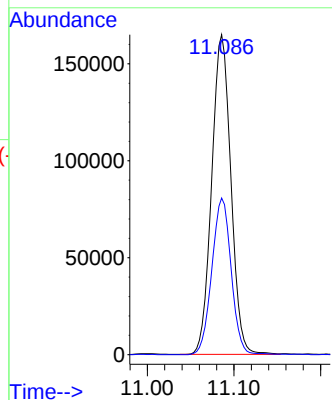
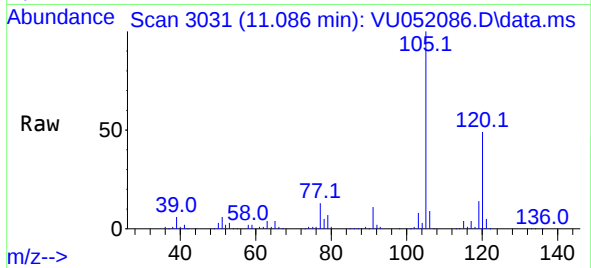




#62
1,3,5-Trimethylbenzene
Concen: 5.088 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. 0.000 min
Lab File: VU052086.D
Acq: 23 Nov 2022 12:39

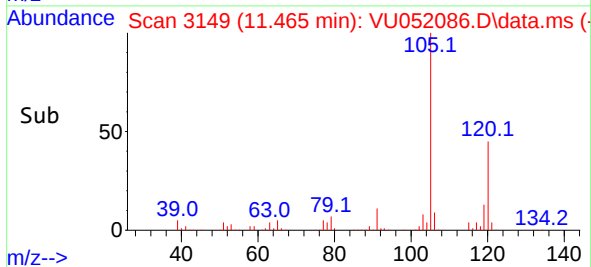
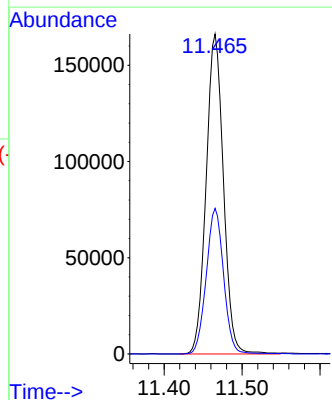
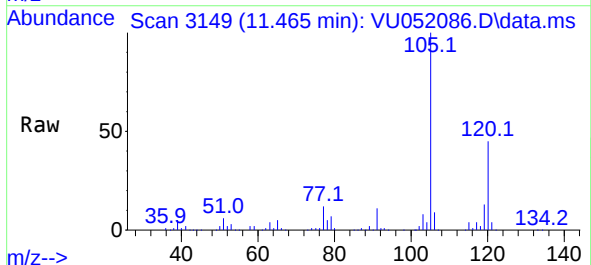
Instrument :
MSVOA_U
ClientSampleId :

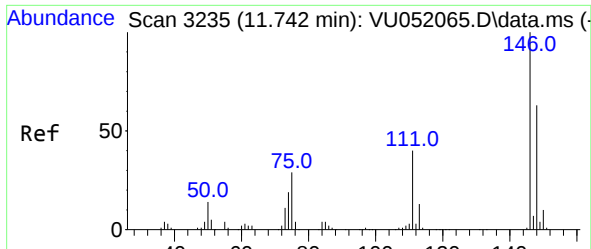
Tgt Ion:105 Resp: 254046
Ion Ratio Lower Upper
105 100
120 49.3 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 5.174 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU052086.D
Acq: 23 Nov 2022 12:39

Tgt Ion:105 Resp: 256412
Ion Ratio Lower Upper
105 100
120 45.5 36.6 55.0

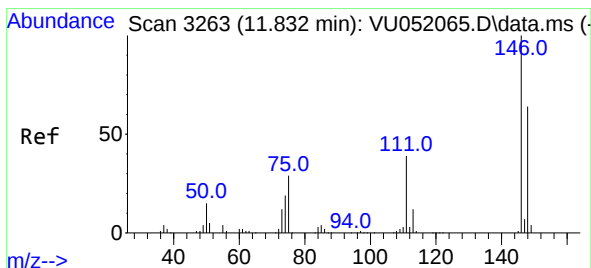
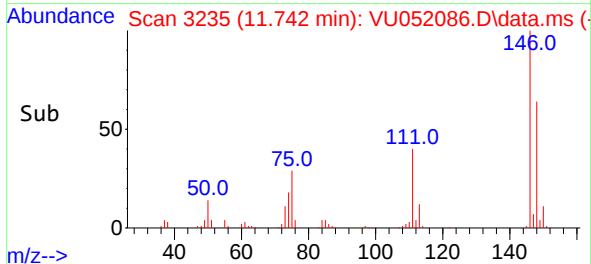
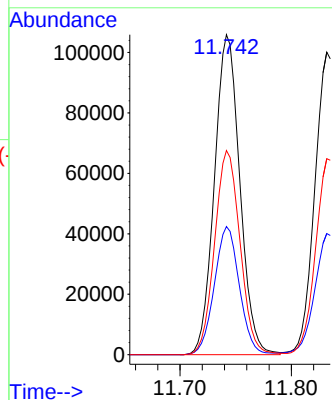
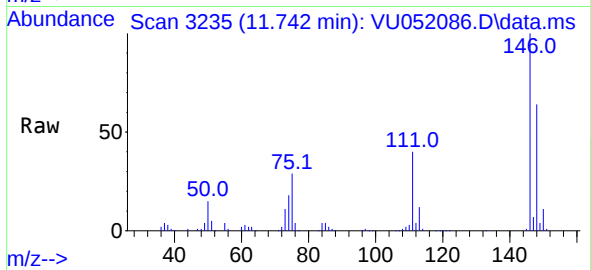




#64
1,3-Dichlorobenzene
Concen: 5.262 ug/L
RT: 11.742 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU052086.D
Acq: 23 Nov 2022 12:39

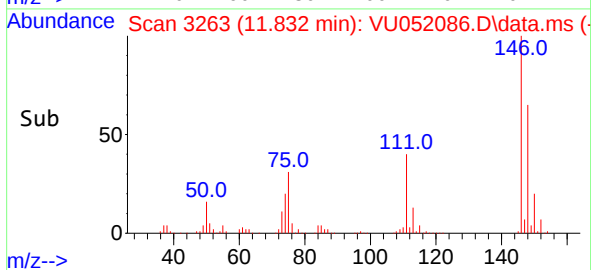
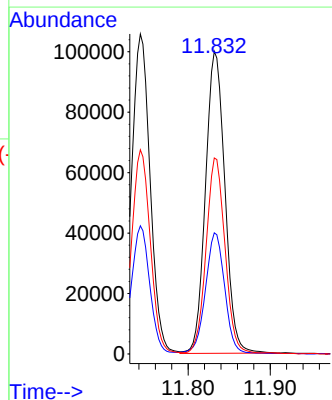
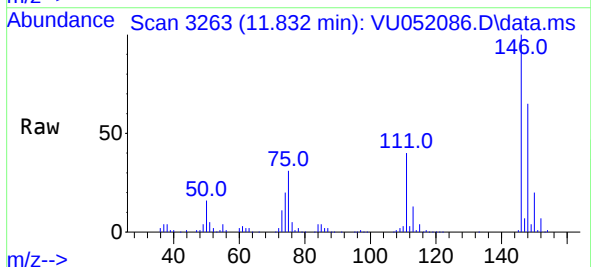
Instrument :
MSVOA_U
ClientSampleId :

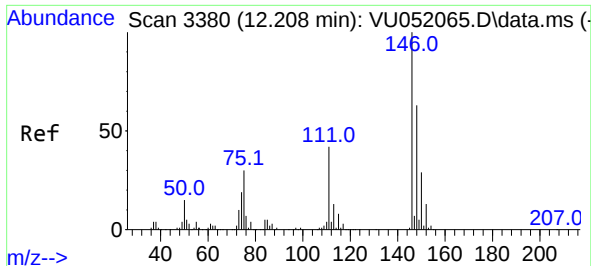
Tgt Ion:146 Resp: 167810
Ion Ratio Lower Upper
146 100
111 40.0 28.6 53.2
148 63.8 45.4 84.2



#65
1,4-Dichlorobenzene
Concen: 5.164 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.003 min
Lab File: VU052086.D
Acq: 23 Nov 2022 12:39

Tgt Ion:146 Resp: 164230
Ion Ratio Lower Upper
146 100
111 40.0 26.9 50.1
148 64.8 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 5.422 ug/L

RT: 12.208 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU052086.D

Acq: 23 Nov 2022 12:39

Instrument :

MSVOA_U

ClientSampleId :

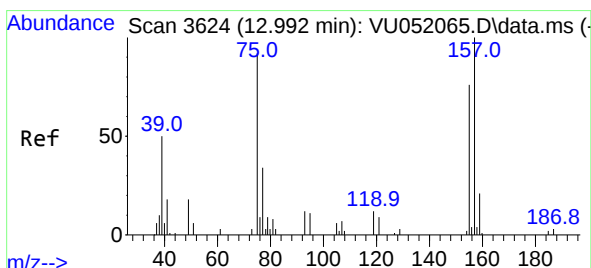
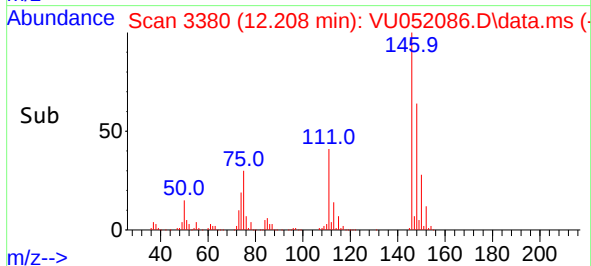
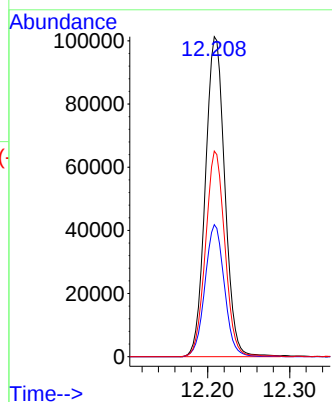
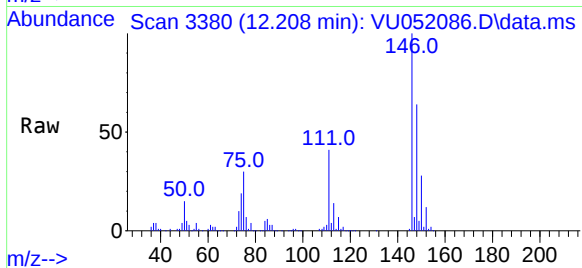
Tgt Ion:146 Resp: 166517

Ion Ratio Lower Upper

146 100

111 41.2 32.7 49.1

148 64.2 50.6 75.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.269 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. 0.000 min

Lab File: VU052086.D

Acq: 23 Nov 2022 12:39

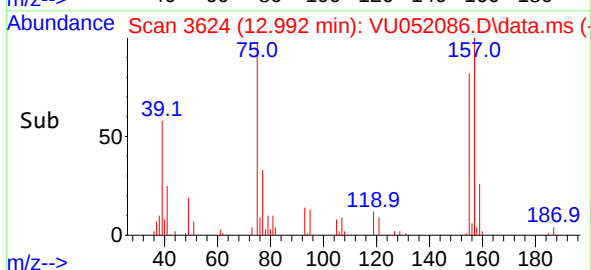
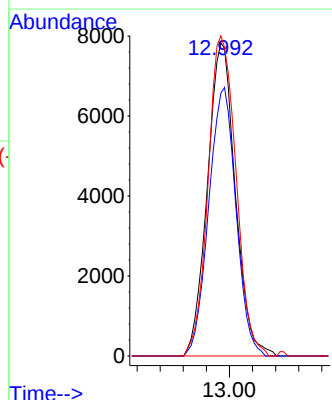
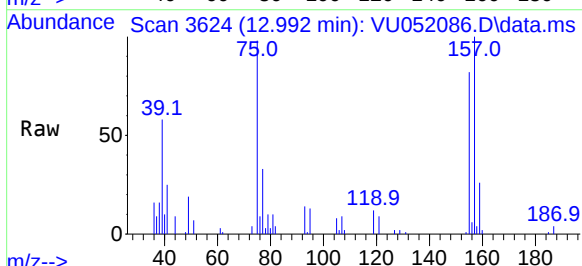
Tgt Ion: 75 Resp: 13122

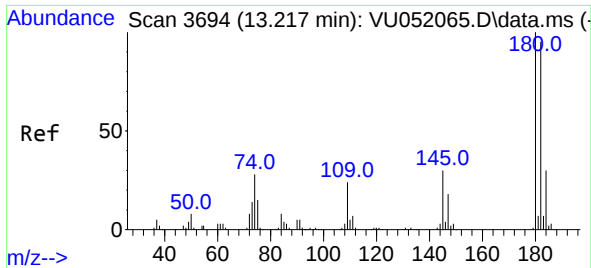
Ion Ratio Lower Upper

75 100

155 83.9 65.4 98.2

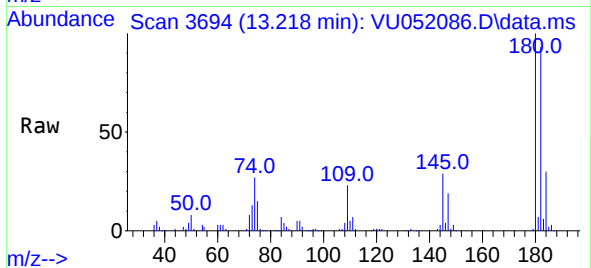
157 102.2 80.5 120.7



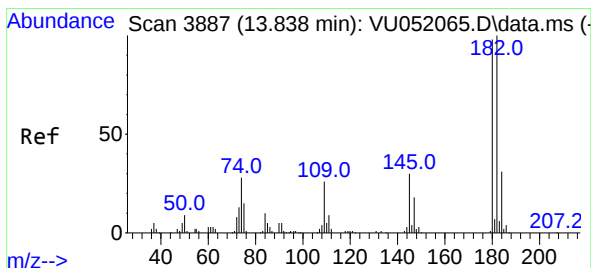
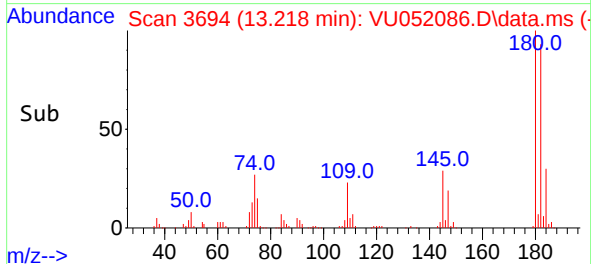
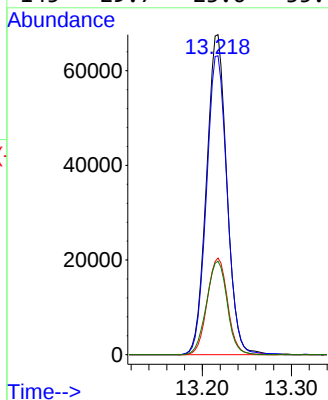


#69
1,3,5-Trichlorobenzene
Concen: 4.748 ug/L
RT: 13.218 min Scan# 3694
Delta R.T. 0.003 min
Lab File: VU052086.D
Acq: 23 Nov 2022 12:39

Instrument :
MSVOA_U
ClientSampleId :

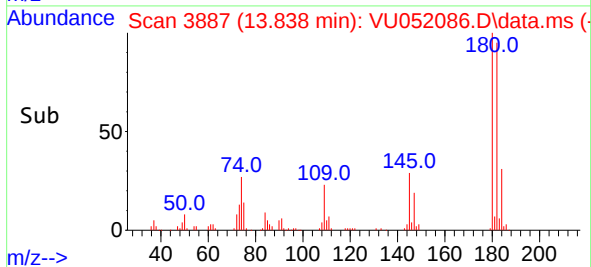
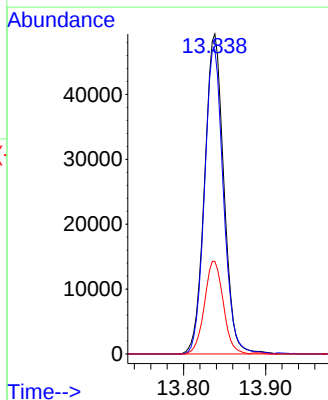
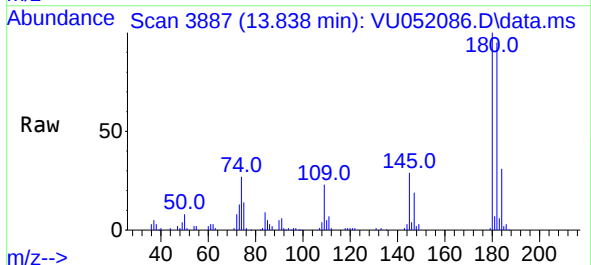


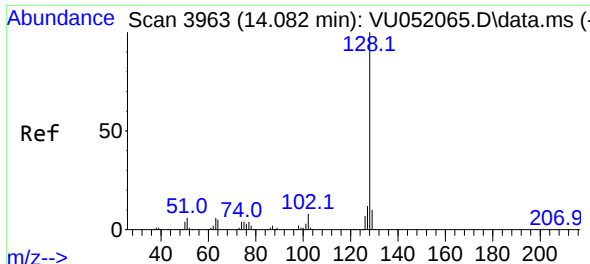
Tgt Ion:180 Resp: 107362
Ion Ratio Lower Upper
180 100
182 94.7 75.7 113.5
184 30.1 24.3 36.5
145 29.7 23.6 35.4



#70
1,2,4-trichlorobenzene
Concen: 4.673 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. 0.000 min
Lab File: VU052086.D
Acq: 23 Nov 2022 12:39

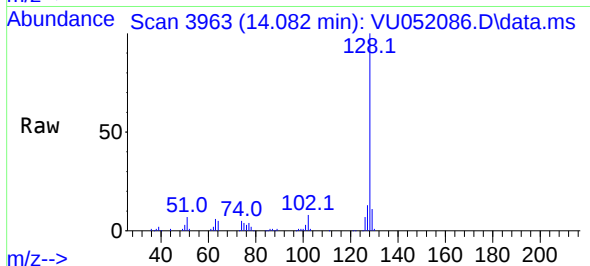
Tgt Ion:180 Resp: 80473
Ion Ratio Lower Upper
180 100
182 93.9 76.3 114.5
145 28.3 24.6 36.8



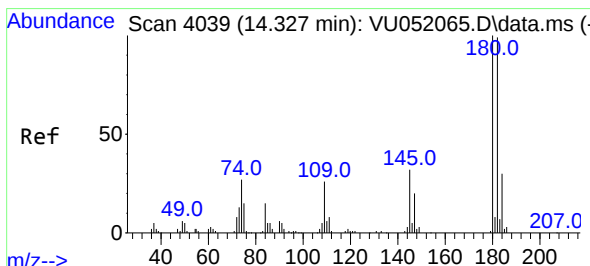
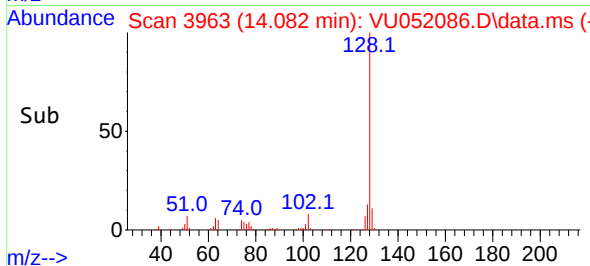
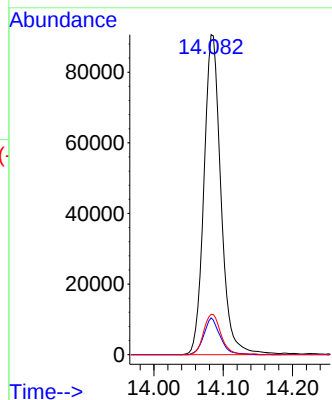


#71
Naphthalene
Concen: 4.775 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. 0.000 min
Lab File: VU052086.D
Acq: 23 Nov 2022 12:39

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 154386
Ion Ratio Lower Upper
128 100
129 11.0 8.3 12.5
127 12.8 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.948 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU052086.D
Acq: 23 Nov 2022 12:39

Tgt Ion:180 Resp: 83832
Ion Ratio Lower Upper
180 100
182 99.2 75.7 113.5
145 33.2 24.5 36.7

