

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112322\
 Data File : VU052088.D
 Acq On : 23 Nov 2022 14:03
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 24 04:10:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 19 21:39:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	225486	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	221130	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	114176	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	80578	3.674	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.400%
7) Chloroethane-d5	1.896	69	61670	3.620	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.400%
11) 1,1-Dichloroethene-d2	2.562	65	30245	3.847	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.000%
20) 2-Butanone-d5	4.617	46	197425	49.658	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.320%
24) Chloroform-d	5.060	84	150706	4.676	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.700	65	74041	4.549	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
32) Benzene-d6	5.723	84	294321	4.483	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.687	67	94604	4.656	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.896	98	269418	4.536	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	8.176	79	34138	4.611	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.629	63	180721	57.599	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.200%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	90728	5.151	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	96993	4.437	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	106285	5.435	ug/L	97
3) Chloromethane	1.523	50	143807	5.634	ug/L	100
5) Vinyl chloride	1.604	62	126323	5.151	ug/L	95
6) Bromomethane	1.832	94	44511	3.537	ug/L	93
8) Chloroethane	1.919	64	77806	5.102	ug/L	99
9) Trichlorofluoromethane	2.131	101	139149	5.158	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	86454	5.242	ug/L	100
12) 1,1-Dichloroethene	2.575	96	83911	5.130	ug/L	85
13) Acetone	2.620	43	143222	53.051	ug/L	99
14) Carbon disulfide	2.787	76	273221	4.825	ug/L	98
15) Methyl Acetate	2.945	43	35040	5.004	ug/L	98
16) Methylene chloride	3.041	84	111840	5.054	ug/L	99
17) Methyl tert-butyl Ether	3.359	73	185595	5.068	ug/L	100
18) trans-1,2-Dichloroethene	3.350	96	89409	5.099	ug/L	95
19) 1,1-Dichloroethane	3.864	63	161855	5.122	ug/L	99
21) 2-Butanone	4.697	43	228955	52.913	ug/L	98
22) cis-1,2-Dichloroethene	4.662	96	94179	5.118	ug/L	96
23) Bromochloromethane	4.970	128	44950	5.105	ug/L	96
25) Chloroform	5.083	83	164305	5.131	ug/L	93

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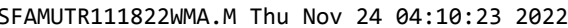
Instrument :
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 ClientSampleId :

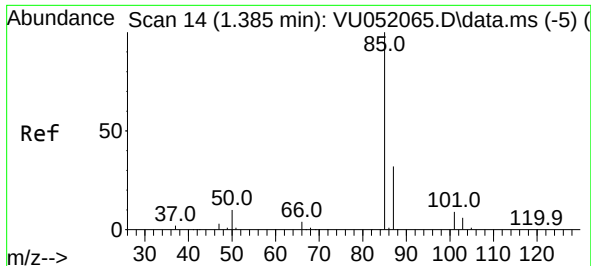
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	100755	5.137	ug/L	98
29) 1,1,1-Trichloroethane	5.311	97	128132	5.223	ug/L	99
30) Cyclohexane	5.385	56	125419	5.265	ug/L	99
31) Carbon tetrachloride	5.520	117	109614	5.258	ug/L	98
33) Benzene	5.771	78	385037	5.350	ug/L	100
34) Trichloroethene	6.539	95	96872	5.397	ug/L	99
35) Methylcyclohexane	6.761	83	132774	5.142	ug/L	97
37) 1,2-Dichloropropane	6.787	63	97337	5.224	ug/L	99
38) Bromodichloromethane	7.102	83	116000	5.106	ug/L	98
39) cis-1,3-Dichloropropene	7.604	75	124375	5.199	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	538553	55.332	ug/L	100
42) Toluene	7.967	91	403773	5.454	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	106183	5.183	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	73702	5.264	ug/L	98
47) Tetrachloroethene	8.549	164	70467	5.122	ug/L	99
48) 2-Hexanone	8.681	43	422994	59.280	ug/L	99
49) Dibromochloromethane	8.806	129	78475	5.004	ug/L	98
50) 1,2-Dibromoethane	8.922	107	66394	5.206	ug/L	97
51) Chlorobenzene	9.443	112	242742	5.143	ug/L	99
52) Ethylbenzene	9.568	91	372603	5.177	ug/L	100
53) m,p-Xylene	9.690	106	149249	5.356	ug/L	97
54) o-Xylene	10.099	106	146346	5.479	ug/L	97
55) Styrene	10.112	104	251887	5.584	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	98144	5.612	ug/L	98
59) Bromoform	10.288	173	45683	4.858	ug/L	97
60) Isopropylbenzene	10.481	105	365990	5.103	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	67779	5.187	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	283333	4.942	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	285193	5.012	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	185375	5.062	ug/L	97
65) 1,4-Dichlorobenzene	11.832	146	181057	4.958	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	180165	5.109	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	14444	5.051	ug/L	94
69) 1,3,5-Trichlorobenzene	13.218	180	123341	4.750	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	93888	4.748	ug/L	99
71) Naphthalene	14.086	128	172673	4.651	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	95725	4.920	ug/L	99

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

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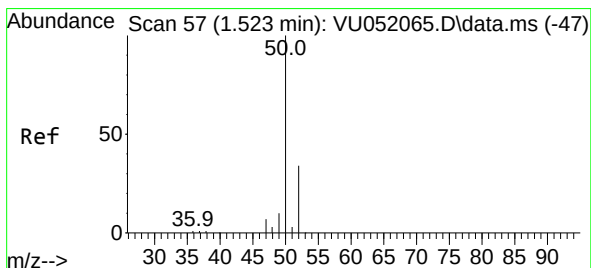
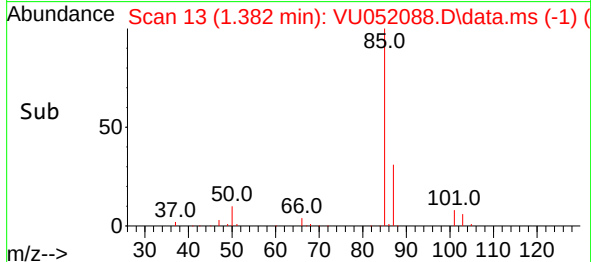
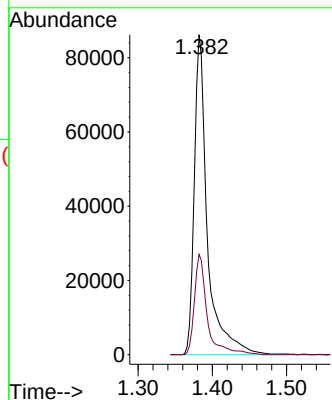
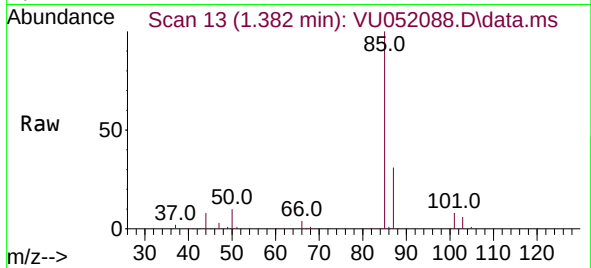




#2
Dichlorodifluoromethane
Concen: 5.435 ug/L
RT: 1.382 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU052088.D
Acq: 23 Nov 2022 14:03

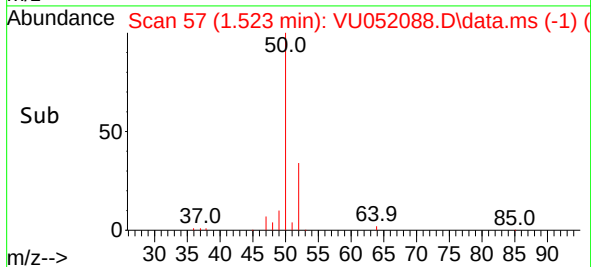
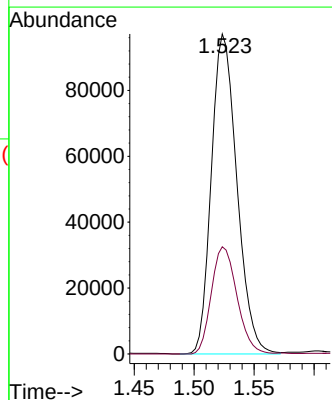
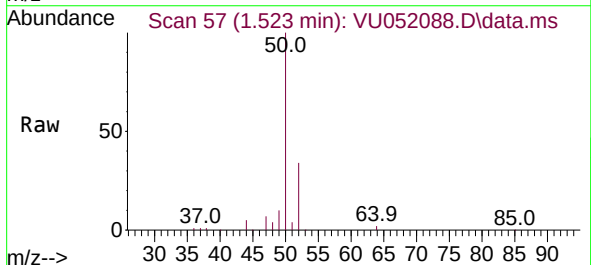
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MSVOA_U
ClientSampleId :

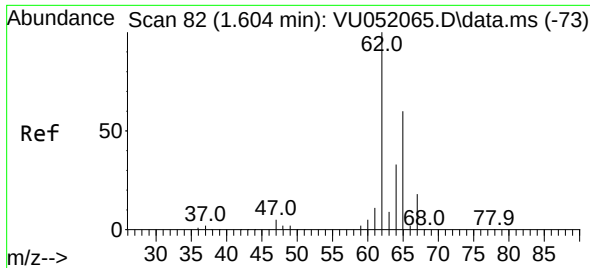
Tgt Ion: 85 Resp: 106285
Ion Ratio Lower Upper
85 100
87 30.7 25.8 38.8



#3
Chloromethane
Concen: 5.634 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.003 min
Lab File: VU052088.D
Acq: 23 Nov 2022 14:03

Tgt Ion: 50 Resp: 143807
Ion Ratio Lower Upper
50 100
52 33.5 23.4 43.4

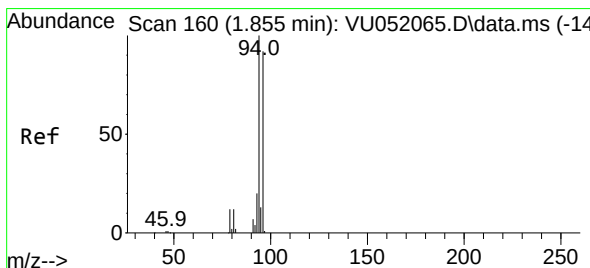
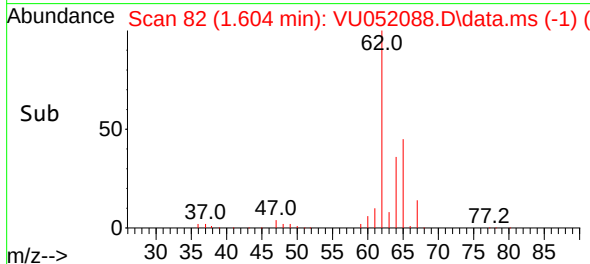
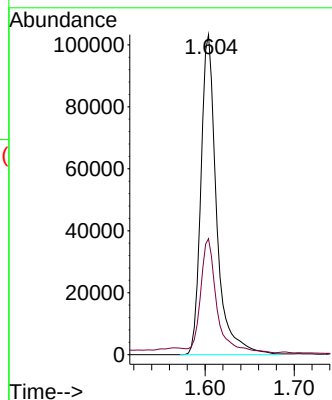
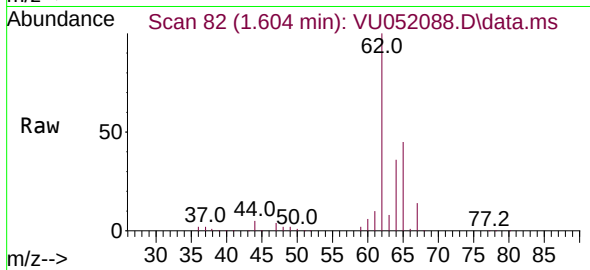




#5
 Vinyl chloride
 Concen: 5.151 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU052088.D
 Acq: 23 Nov 2022 14:03

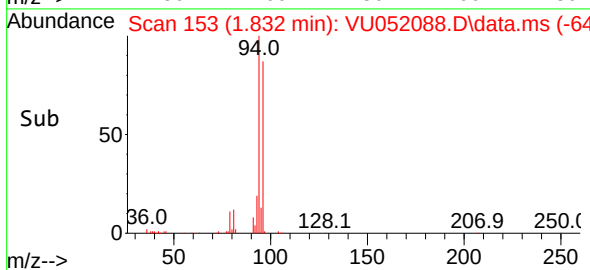
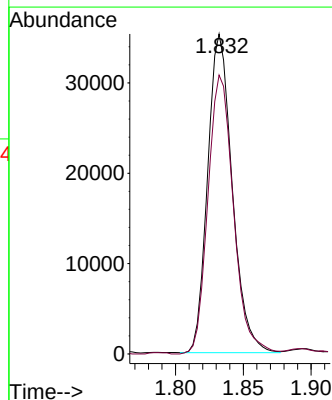
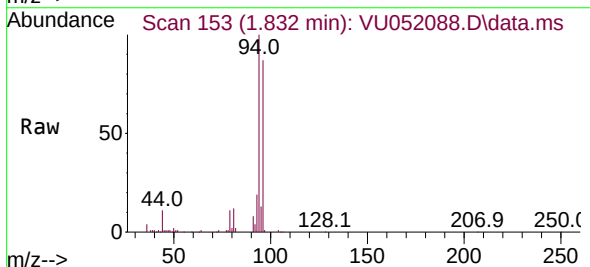
Instrument :
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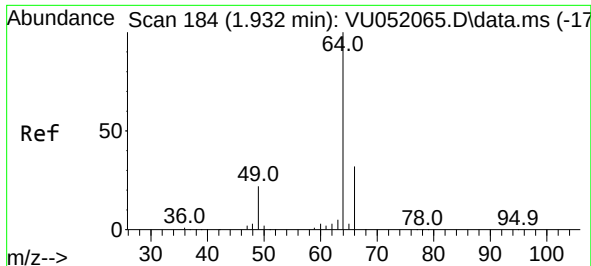
Tgt Ion: 62 Resp: 126323
 Ion Ratio Lower Upper
 62 100
 64 36.2 23.5 43.7



#6
 Bromomethane
 Concen: 3.537 ug/L
 RT: 1.832 min Scan# 153
 Delta R.T. -0.013 min
 Lab File: VU052088.D
 Acq: 23 Nov 2022 14:03

Tgt Ion: 94 Resp: 44511
 Ion Ratio Lower Upper
 94 100
 96 87.2 65.7 122.1

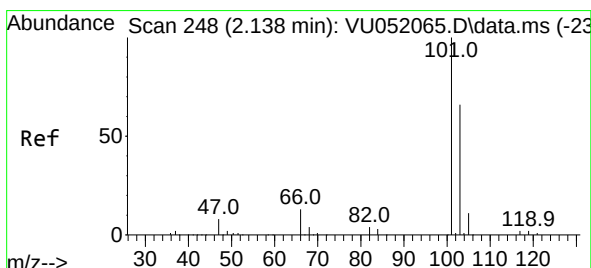
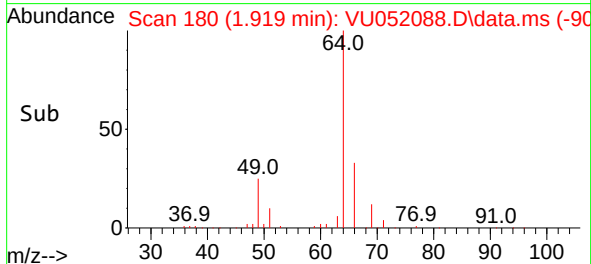
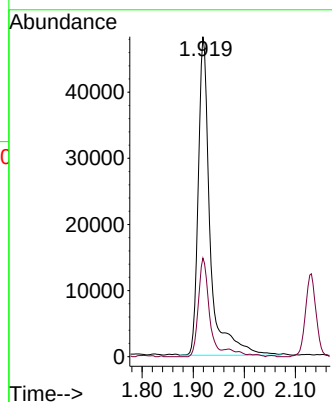
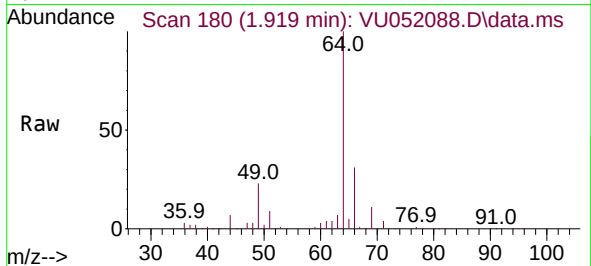




#8
Chloroethane
Concen: 5.102 ug/L
RT: 1.919 min Scan# 11
Delta R.T. -0.009 min
Lab File: VU052088.D
Acq: 23 Nov 2022 14:03

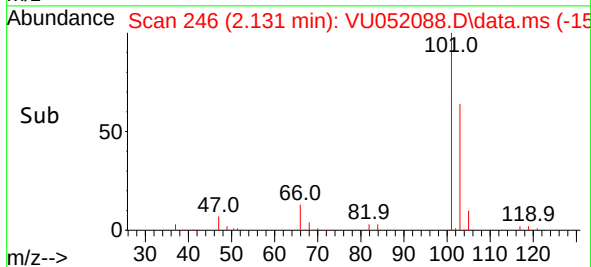
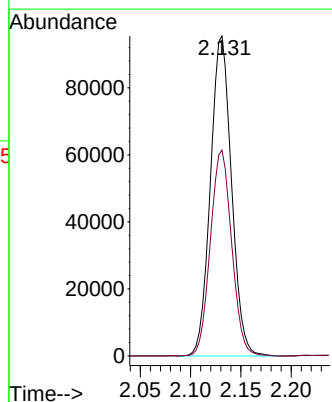
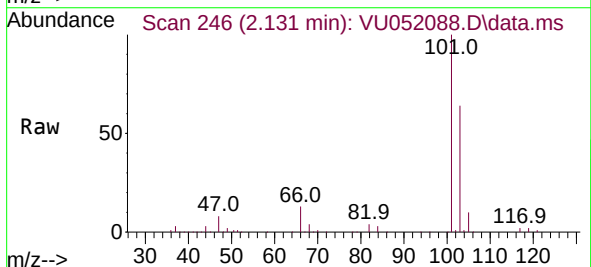
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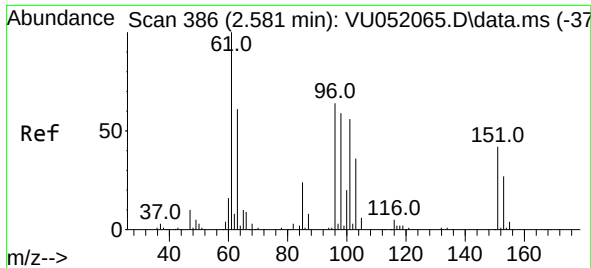
Tgt Ion: 64 Resp: 77806
Ion Ratio Lower Upper
64 100
66 30.8 21.1 39.1



#9
Trichlorofluoromethane
Concen: 5.158 ug/L
RT: 2.131 min Scan# 246
Delta R.T. -0.003 min
Lab File: VU052088.D
Acq: 23 Nov 2022 14:03

Tgt Ion:101 Resp: 139149
Ion Ratio Lower Upper
101 100
103 65.0 51.6 77.4

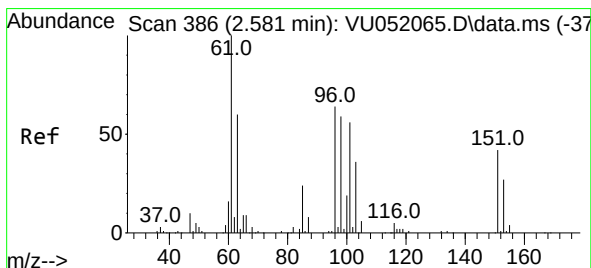
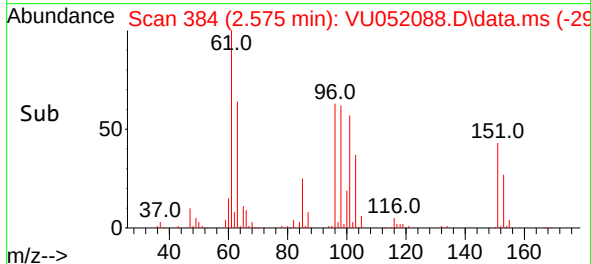
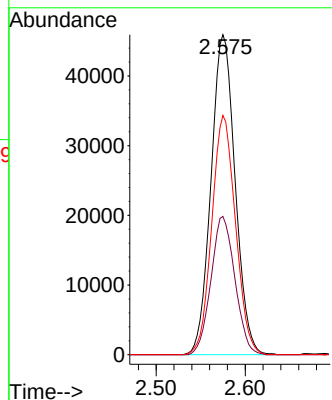
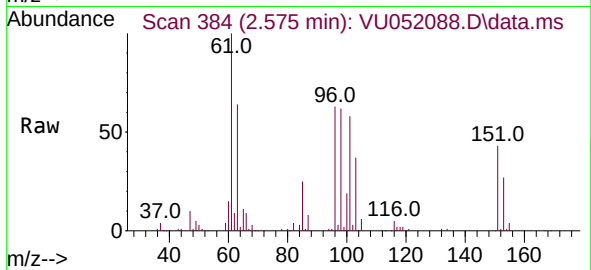




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.242 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU052088.D
 Acq: 23 Nov 2022 14:03

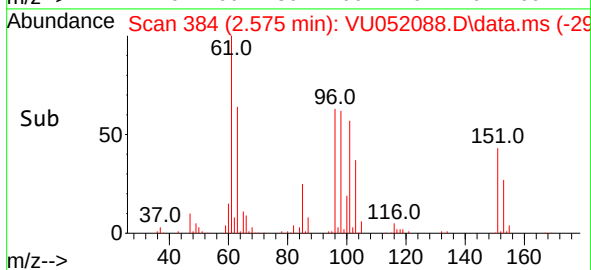
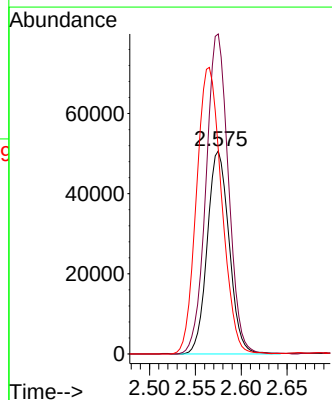
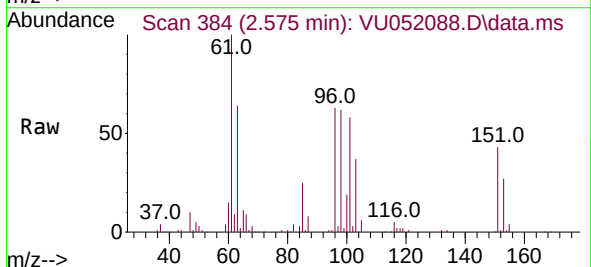
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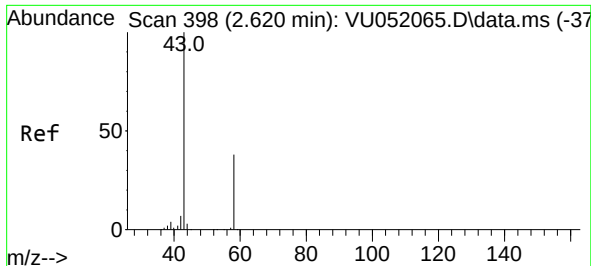
Tgt Ion:101 Resp: 86454
 Ion Ratio Lower Upper
 101 100
 85 42.8 33.8 50.6
 151 73.4 58.6 88.0



#12
 1,1-Dichloroethene
 Concen: 5.130 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU052088.D
 Acq: 23 Nov 2022 14:03

Tgt Ion: 96 Resp: 83911
 Ion Ratio Lower Upper
 96 100
 61 157.6 114.8 213.2
 63 100.7 93.7 174.1





#13

Acetone

Concen: 53.051 ug/L

RT: 2.620 min Scan# 398

Delta R.T. 0.000 min

Lab File: VU052088.D

Acq: 23 Nov 2022 14:03

Instrument :

MSVOA_U

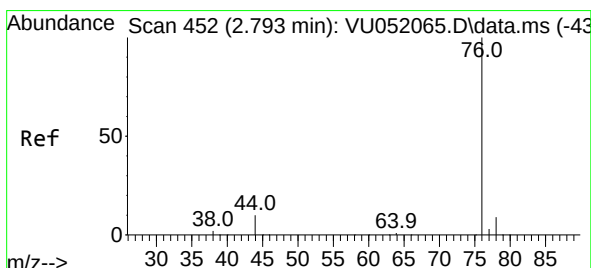
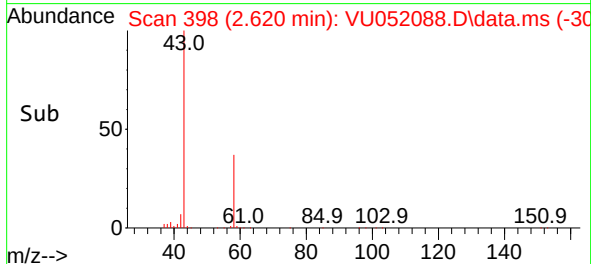
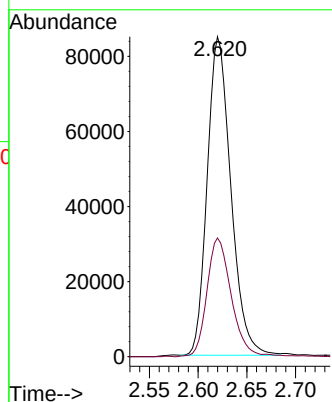
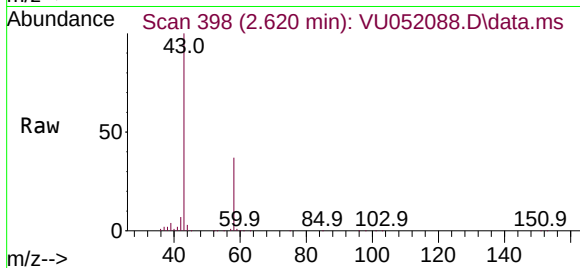
ClientSampleId :

Tgt Ion: 43 Resp: 143222

Ion Ratio Lower Upper

43 100

58 38.6 0.0 76.0



#14

Carbon disulfide

Concen: 4.825 ug/L

RT: 2.787 min Scan# 450

Delta R.T. -0.003 min

Lab File: VU052088.D

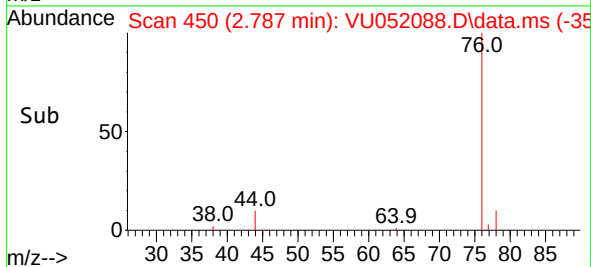
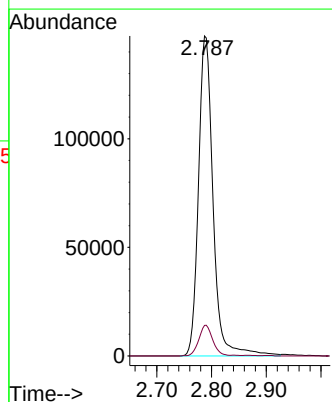
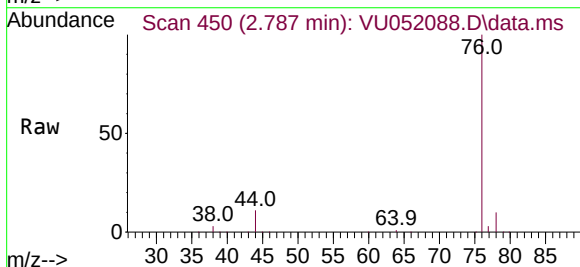
Acq: 23 Nov 2022 14:03

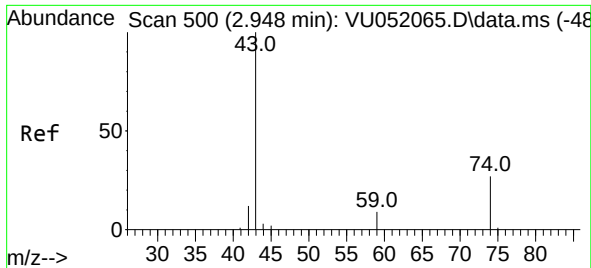
Tgt Ion: 76 Resp: 273221

Ion Ratio Lower Upper

76 100

78 9.6 7.0 10.4

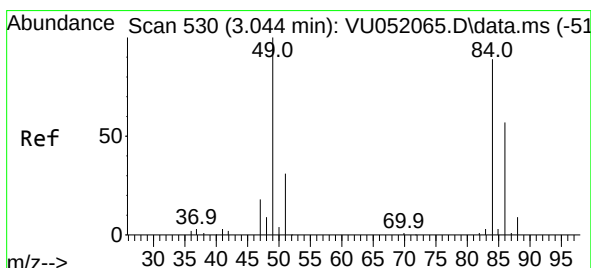
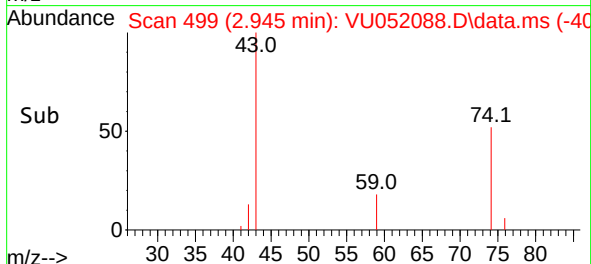
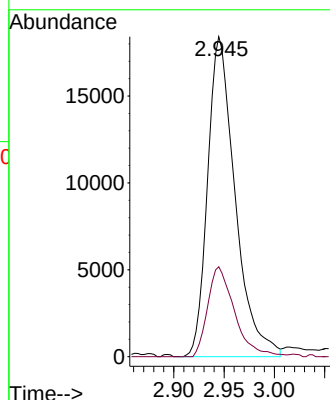
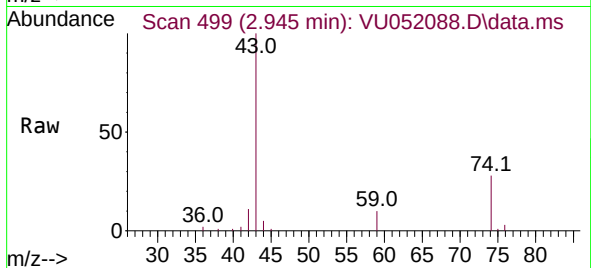




#15
Methyl Acetate
Concen: 5.004 ug/L
RT: 2.945 min Scan# 499
Delta R.T. -0.003 min
Lab File: VU052088.D
Acq: 23 Nov 2022 14:03

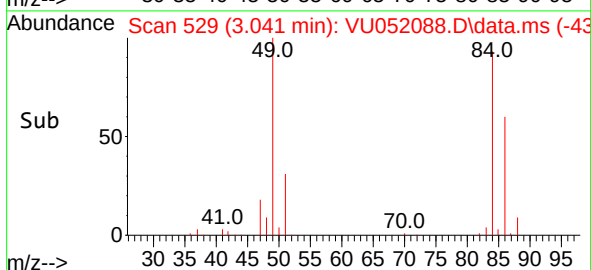
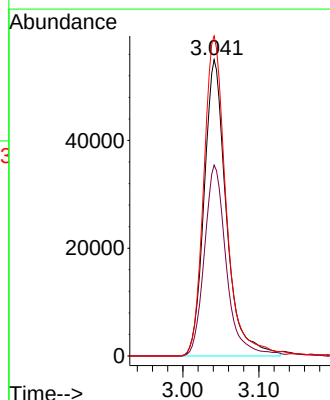
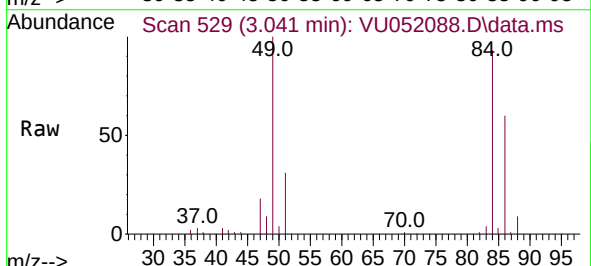
Instrument :
MSVOA_U
ClientSampleId :

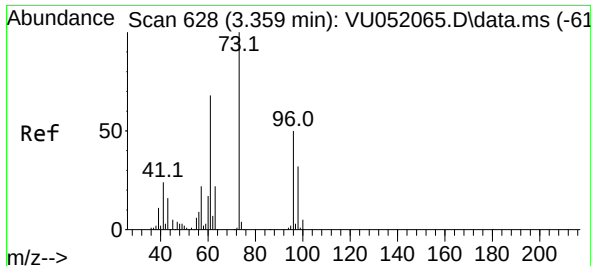
Tgt Ion: 43 Resp: 35040
Ion Ratio Lower Upper
43 100
74 27.4 21.3 31.9



#16
Methylene chloride
Concen: 5.054 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU052088.D
Acq: 23 Nov 2022 14:03

Tgt Ion: 84 Resp: 111840
Ion Ratio Lower Upper
84 100
86 64.4 43.8 81.4
49 108.0 75.9 141.1





#17

Methyl tert-butyl Ether

Concen: 5.068 ug/L

RT: 3.359 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU052088.D

Acq: 23 Nov 2022 14:03

Instrument :

MSVOA_U

ClientSampleId :

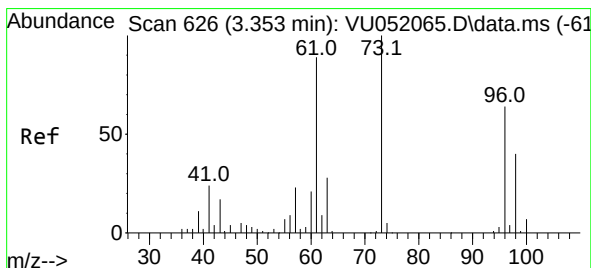
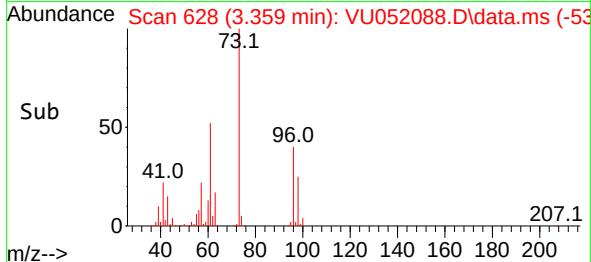
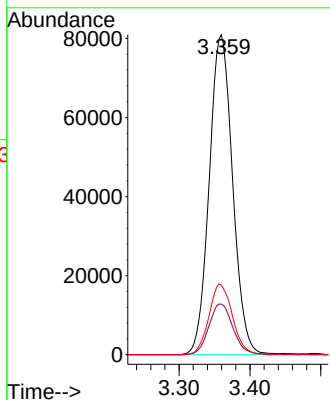
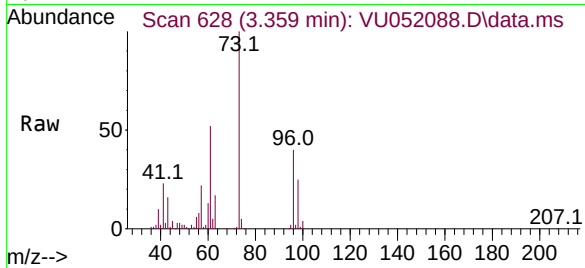
Tgt Ion: 73 Resp: 185595

Ion Ratio Lower Upper

73 100

43 16.3 13.2 19.8

57 22.2 17.8 26.8



#18

trans-1,2-Dichloroethene

Concen: 5.099 ug/L

RT: 3.350 min Scan# 625

Delta R.T. -0.003 min

Lab File: VU052088.D

Acq: 23 Nov 2022 14:03

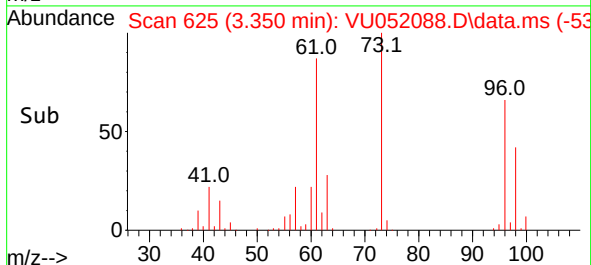
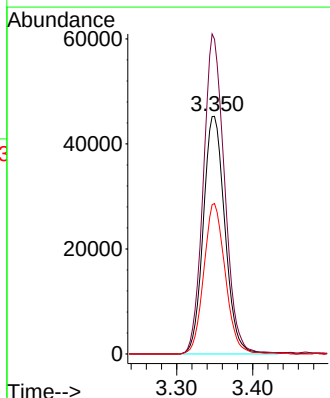
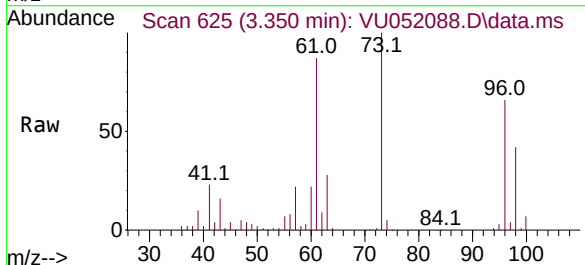
Tgt Ion: 96 Resp: 89409

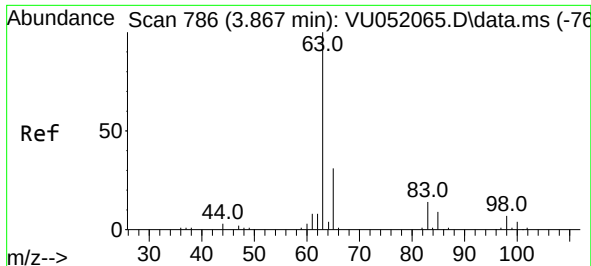
Ion Ratio Lower Upper

96 100

61 132.4 97.9 181.7

98 63.3 43.8 81.3





#19

1,1-Dichloroethane

Concen: 5.122 ug/L

RT: 3.864 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU052088.D

Acq: 23 Nov 2022 14:03

Instrument :

MSVOA_U

ClientSampleId :

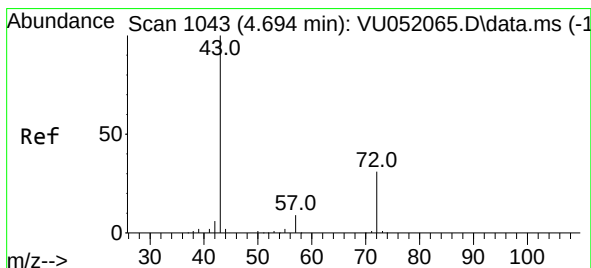
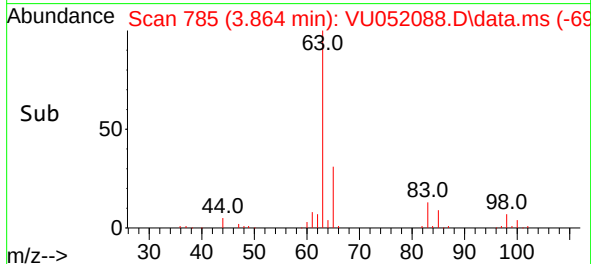
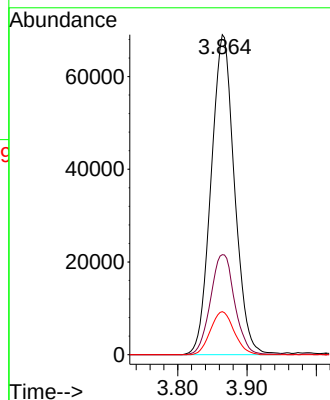
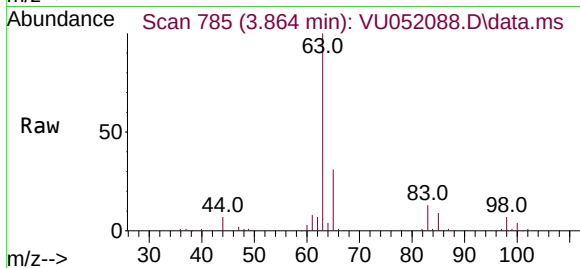
Tgt Ion: 63 Resp: 161855

Ion Ratio Lower Upper

63 100

65 31.3 22.2 41.2

83 13.5 9.2 17.0



#21

2-Butanone

Concen: 52.913 ug/L

RT: 4.697 min Scan# 1044

Delta R.T. 0.003 min

Lab File: VU052088.D

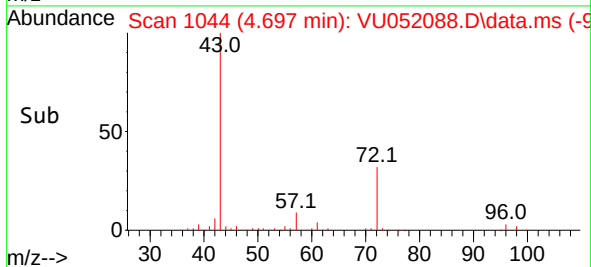
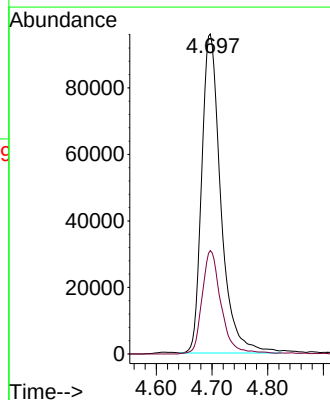
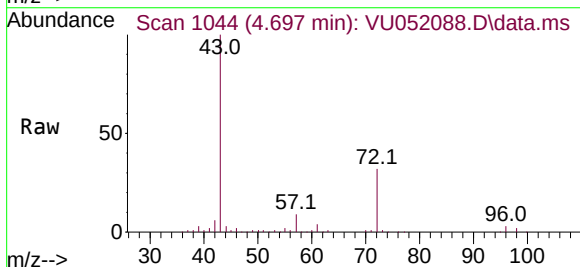
Acq: 23 Nov 2022 14:03

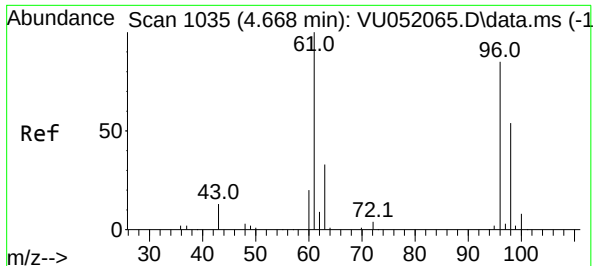
Tgt Ion: 43 Resp: 228955

Ion Ratio Lower Upper

43 100

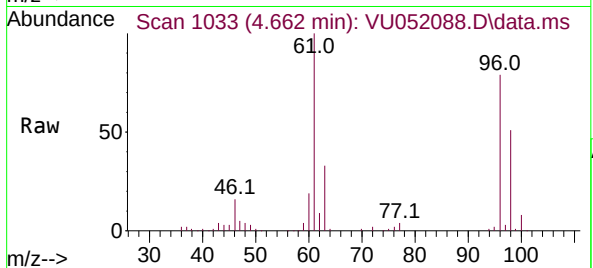
72 32.2 15.6 46.8



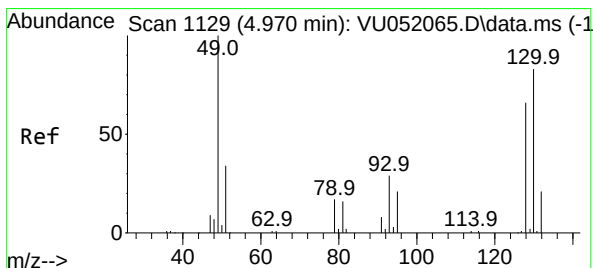
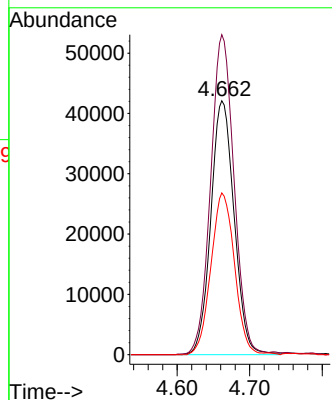
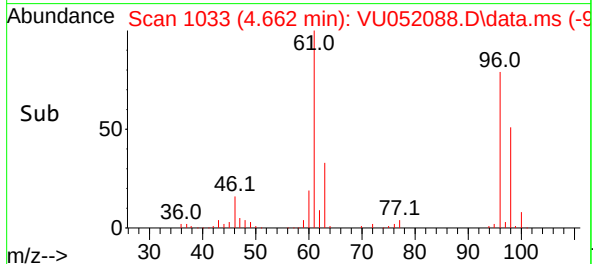


#22
 cis-1,2-Dichloroethene
 Concen: 5.118 ug/L
 RT: 4.662 min Scan# 1033
 Delta R.T. -0.003 min
 Lab File: VU052088.D
 Acq: 23 Nov 2022 14:03

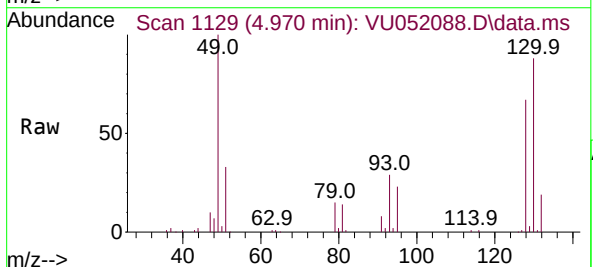
Instrument :
 MSVOA_U
 ClientSampleId :



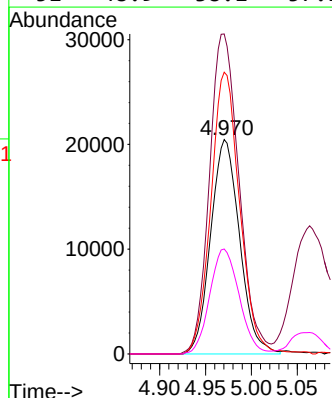
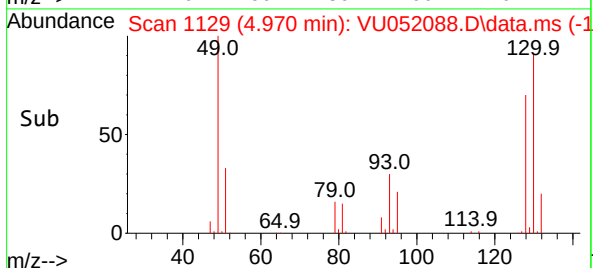
Tgt Ion: 96 Resp: 94179
 Ion Ratio Lower Upper
 96 100
 61 126.1 85.1 158.1
 98 63.7 42.8 79.6

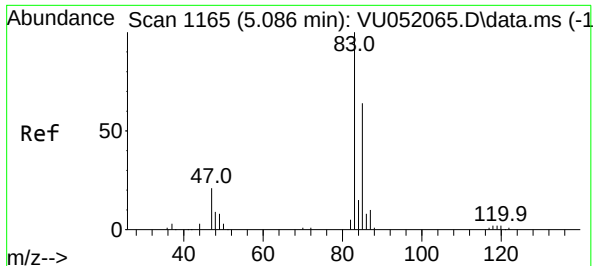


#23
 Bromochloromethane
 Concen: 5.105 ug/L
 RT: 4.970 min Scan# 1129
 Delta R.T. -0.003 min
 Lab File: VU052088.D
 Acq: 23 Nov 2022 14:03



Tgt Ion: 128 Resp: 44950
 Ion Ratio Lower Upper
 128 100
 49 149.2 104.0 193.2
 130 131.4 84.6 157.2
 51 48.9 38.1 57.1





#25

Chloroform

Concen: 5.131 ug/L

RT: 5.083 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VU052088.D

Acq: 23 Nov 2022 14:03

Instrument :

MSVOA_U

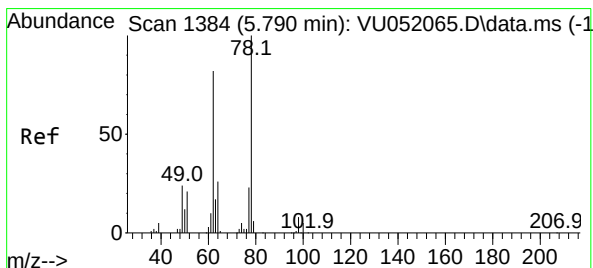
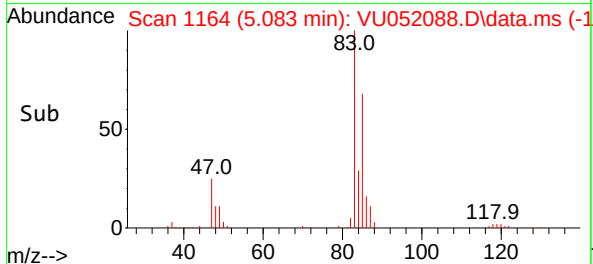
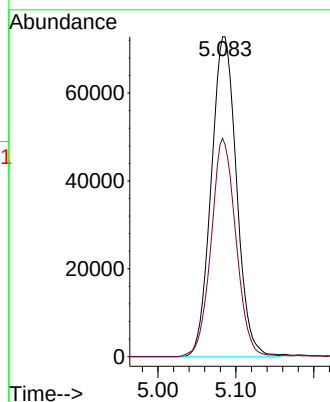
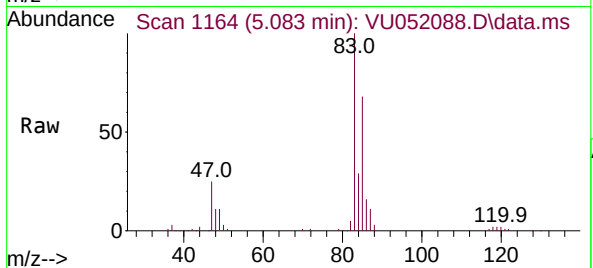
ClientSampleId :

Tgt Ion: 83 Resp: 164305

Ion Ratio Lower Upper

83 100

85 68.2 43.8 81.4



#27

1,2-Dichloroethane

Concen: 5.137 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VU052088.D

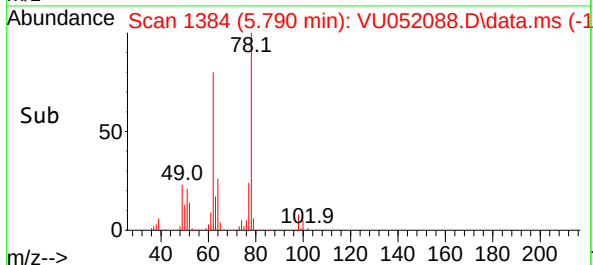
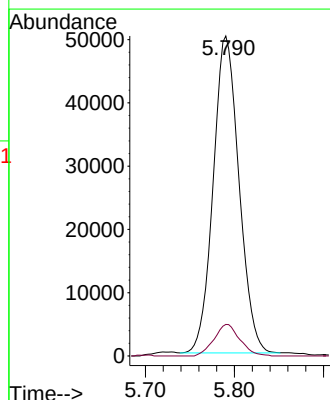
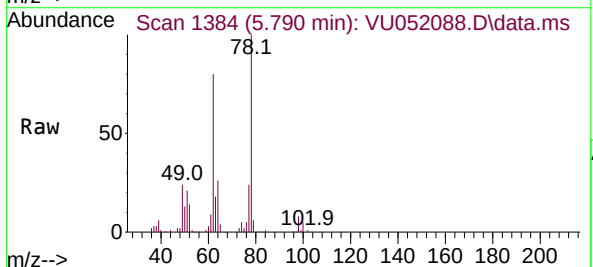
Acq: 23 Nov 2022 14:03

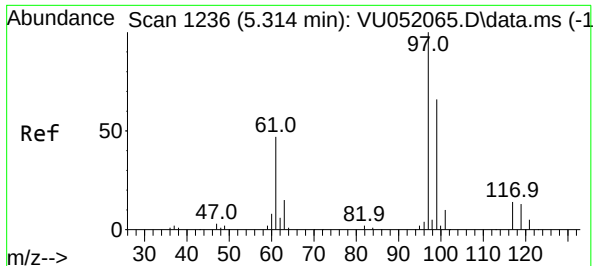
Tgt Ion: 62 Resp: 100755

Ion Ratio Lower Upper

62 100

98 9.9 8.4 12.6





#29

1,1,1-Trichloroethane

Concen: 5.223 ug/L

RT: 5.311 min Scan# 1235

Delta R.T. -0.003 min

Lab File: VU052088.D

Acq: 23 Nov 2022 14:03

Instrument :

MSVOA_U

ClientSampleId :

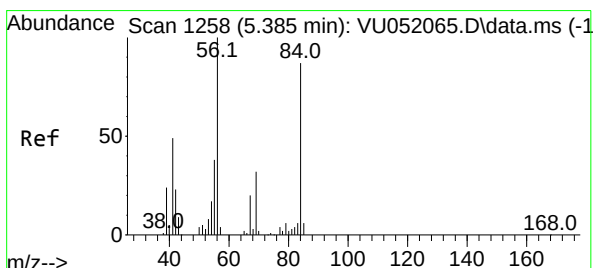
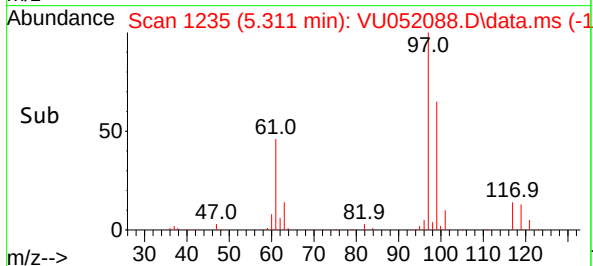
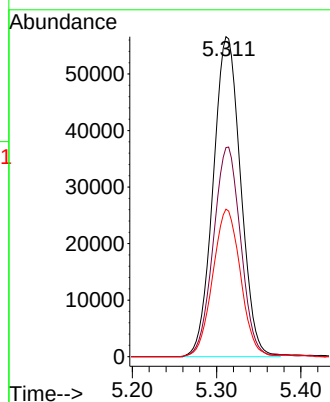
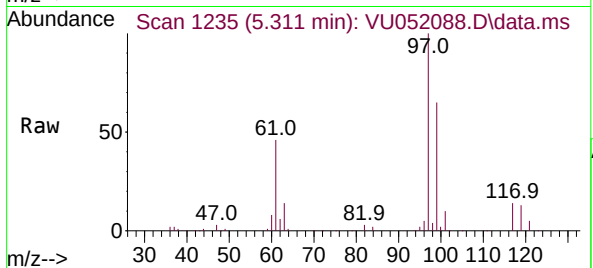
Tgt Ion: 97 Resp: 128132

Ion Ratio Lower Upper

97 100

99 65.1 51.0 76.6

61 46.5 36.9 55.3



#30

Cyclohexane

Concen: 5.265 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. -0.003 min

Lab File: VU052088.D

Acq: 23 Nov 2022 14:03

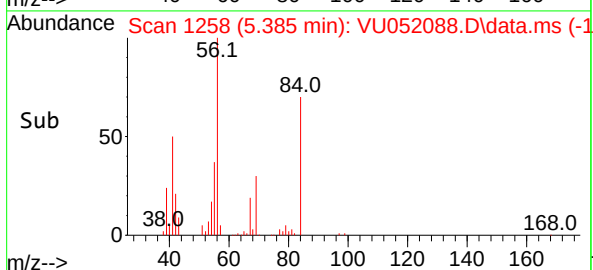
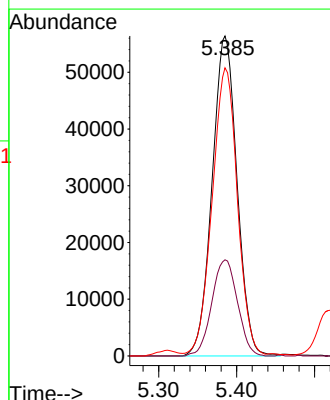
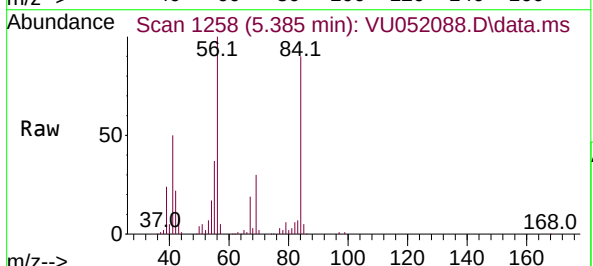
Tgt Ion: 56 Resp: 125419

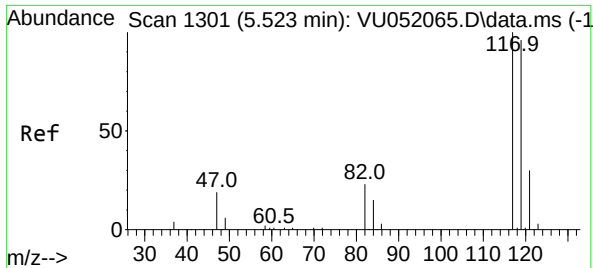
Ion Ratio Lower Upper

56 100

69 30.9 25.6 38.4

84 90.3 72.0 108.0

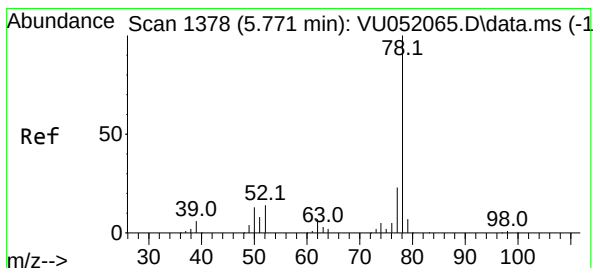
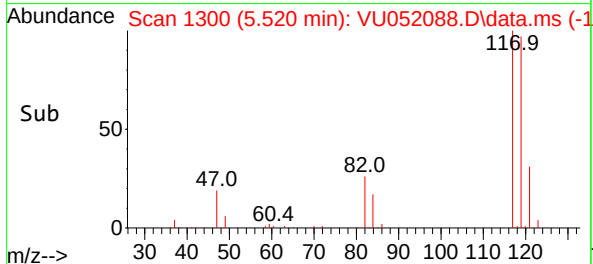
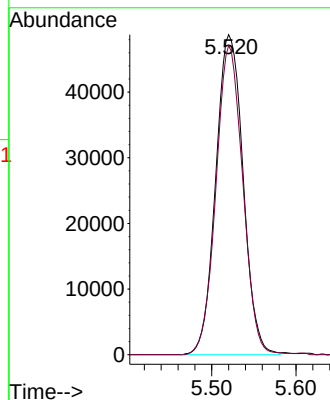
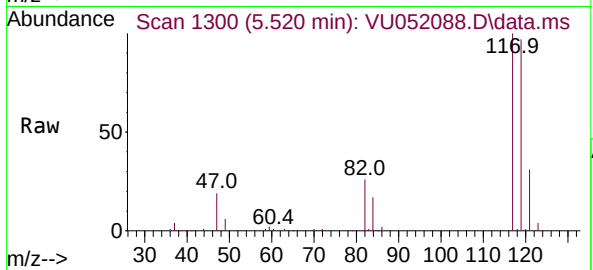




#31
Carbon tetrachloride
Concen: 5.258 ug/L
RT: 5.520 min Scan# 111
Delta R.T. -0.003 min
Lab File: VU052088.D
Acq: 23 Nov 2022 14:03

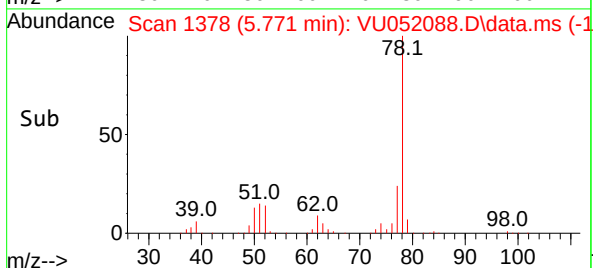
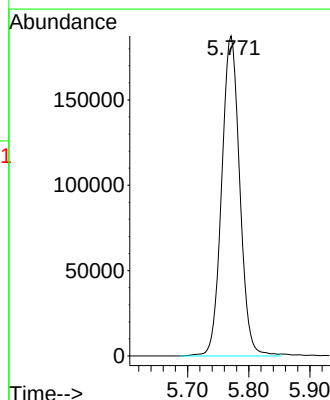
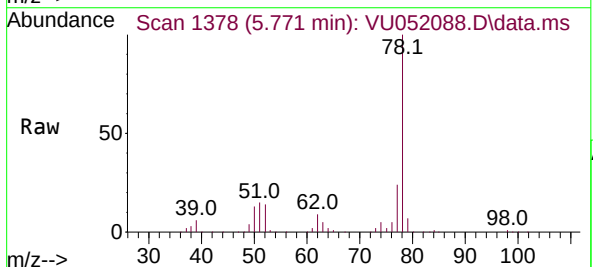
Instrument :
MSVOA_U
ClientSampleId :

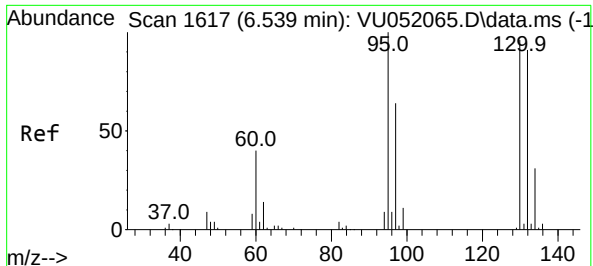
Tgt Ion:117 Resp: 109614
Ion Ratio Lower Upper
117 100
119 94.7 77.2 115.8



#33
Benzene
Concen: 5.350 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU052088.D
Acq: 23 Nov 2022 14:03

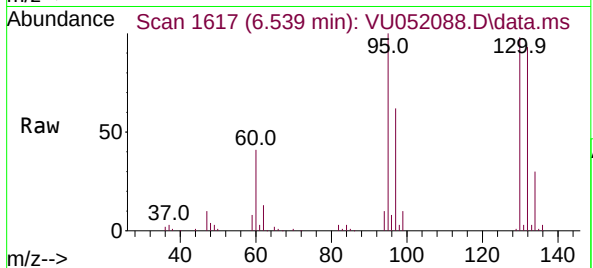
Tgt Ion: 78 Resp: 385037



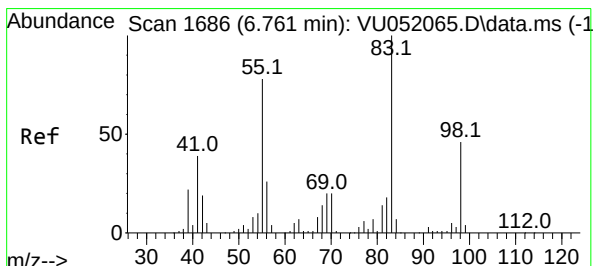
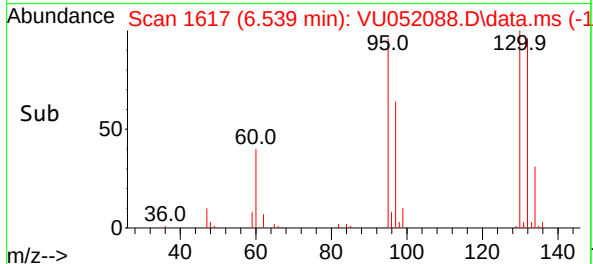
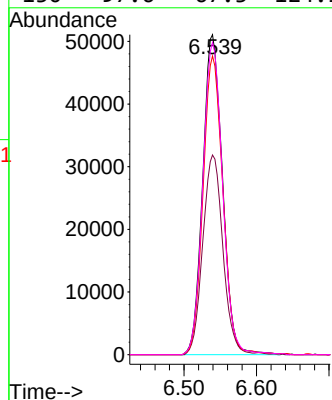


#34
 Trichloroethene
 Concen: 5.397 ug/L
 RT: 6.539 min Scan# 1617
 Delta R.T. 0.000 min
 Lab File: VU052088.D
 Acq: 23 Nov 2022 14:03

Instrument :
 MSVOA_U
 ClientSampleId :

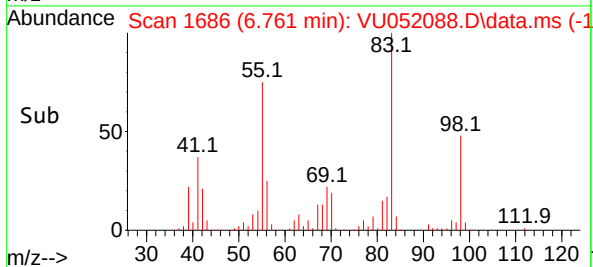
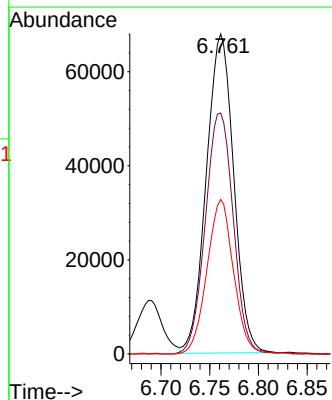
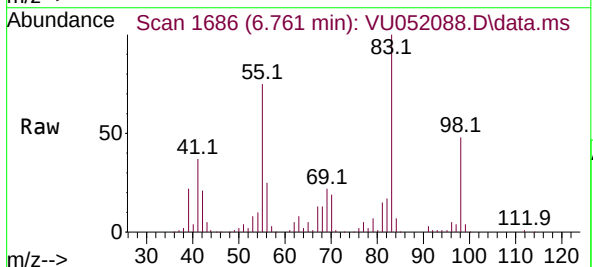


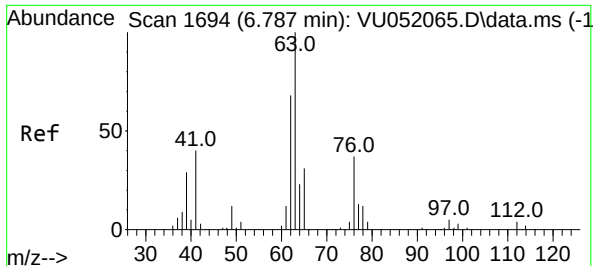
Tgt Ion:	95	Resp:	96872
Ion Ratio	100	Lower	Upper
95	100		
97	62.4	43.7	81.1
132	93.3	64.3	119.3
130	97.6	67.3	124.9



#35
 Methylcyclohexane
 Concen: 5.142 ug/L
 RT: 6.761 min Scan# 1686
 Delta R.T. 0.000 min
 Lab File: VU052088.D
 Acq: 23 Nov 2022 14:03

Tgt Ion:	83	Resp:	132774
Ion Ratio	100	Lower	Upper
83	100		
55	77.2	60.8	91.2
98	46.9	35.1	52.7





#37

1,2-Dichloropropane

Concen: 5.224 ug/L

RT: 6.787 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU052088.D

Acq: 23 Nov 2022 14:03

Instrument :

MSVOA_U

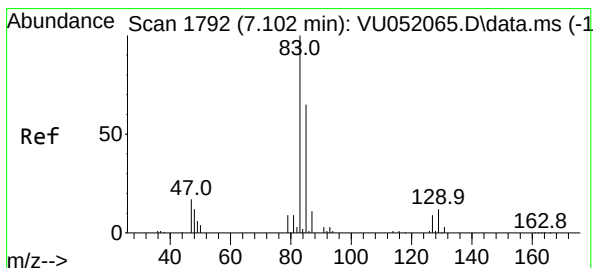
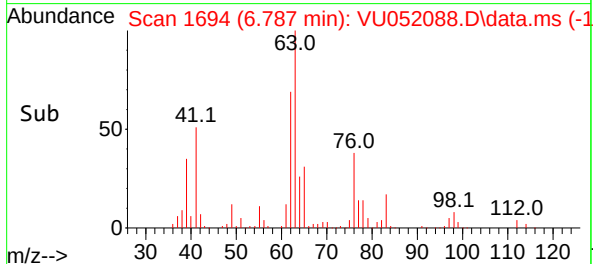
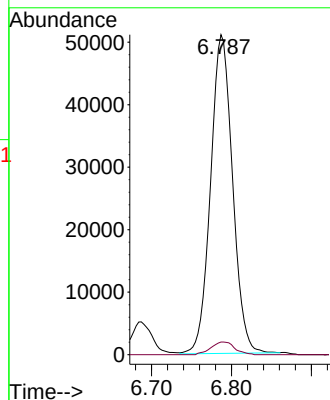
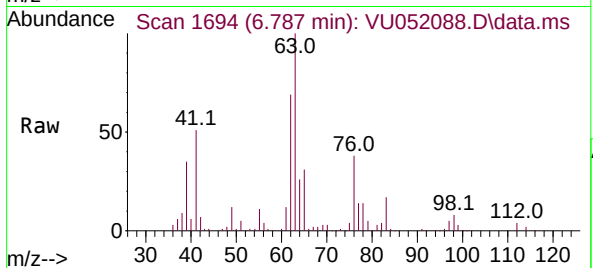
ClientSampleId :

Tgt Ion: 63 Resp: 97337

Ion Ratio Lower Upper

63 100

112 4.3 3.3 4.9



#38

Bromodichloromethane

Concen: 5.106 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VU052088.D

Acq: 23 Nov 2022 14:03

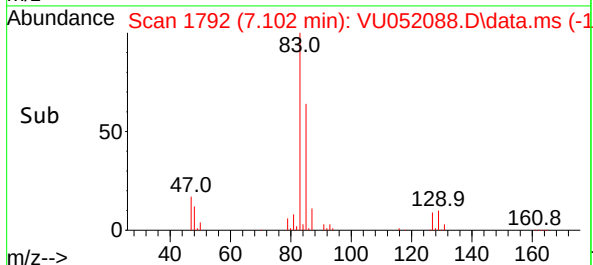
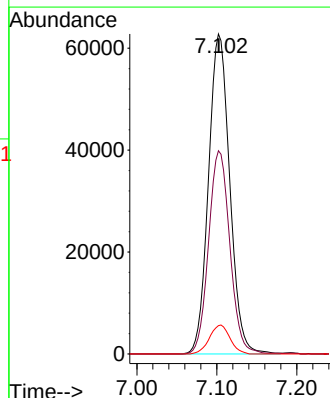
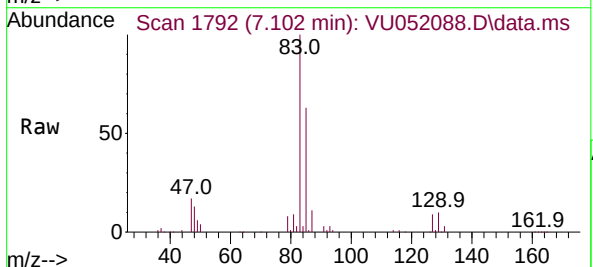
Tgt Ion: 83 Resp: 116000

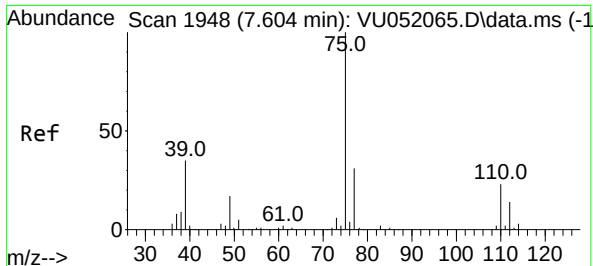
Ion Ratio Lower Upper

83 100

85 63.5 43.5 80.9

127 8.8 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 5.199 ug/L

RT: 7.604 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VU052088.D

Acq: 23 Nov 2022 14:03

Instrument :

MSVOA_U

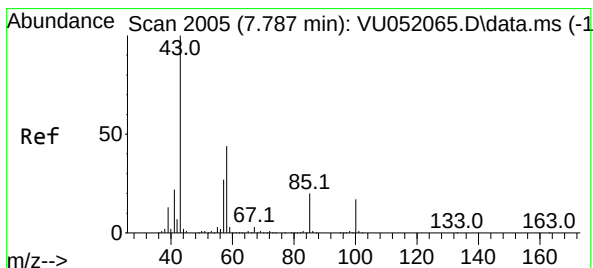
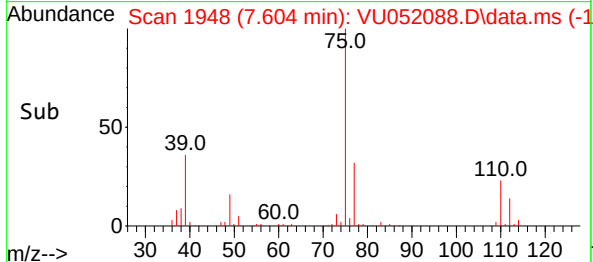
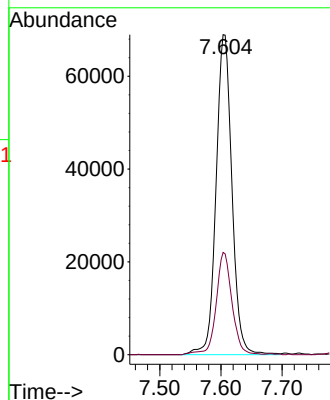
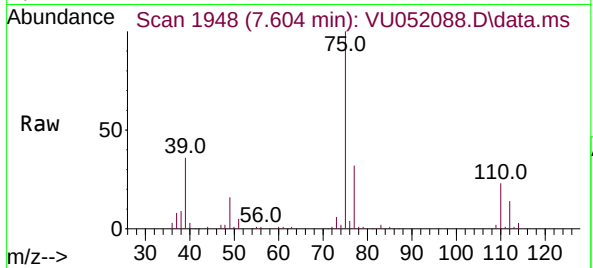
ClientSampleId :

Tgt Ion: 75 Resp: 124375

Ion Ratio Lower Upper

75 100

77 32.0 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 55.332 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. 0.000 min

Lab File: VU052088.D

Acq: 23 Nov 2022 14:03

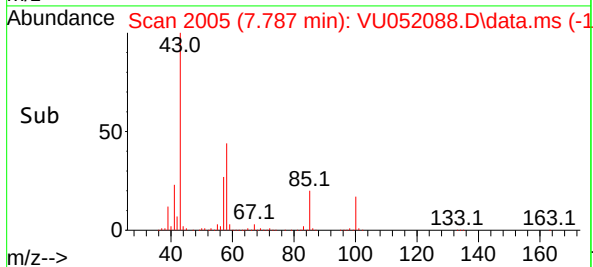
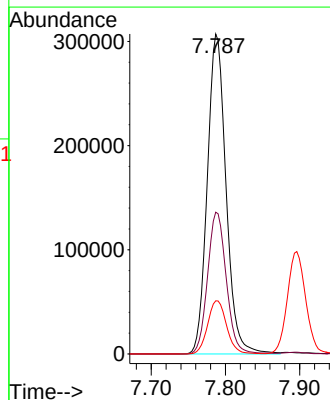
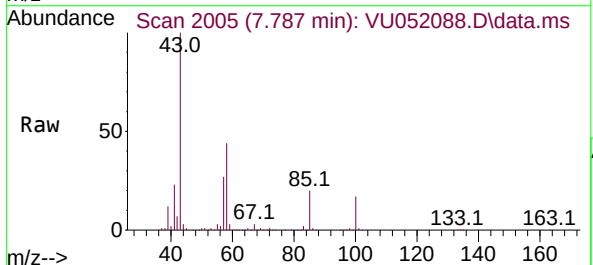
Tgt Ion: 43 Resp: 538553

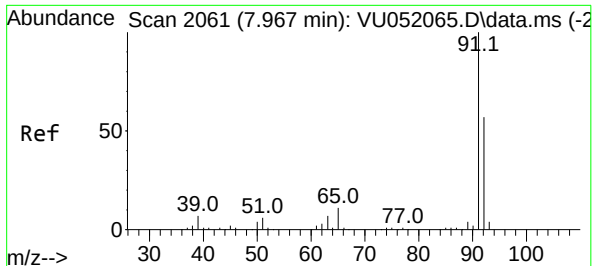
Ion Ratio Lower Upper

43 100

58 44.2 35.3 52.9

100 16.8 13.6 20.4





#42

Toluene

Concen: 5.454 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU052088.D

Acq: 23 Nov 2022 14:03

Instrument :

MSVOA_U

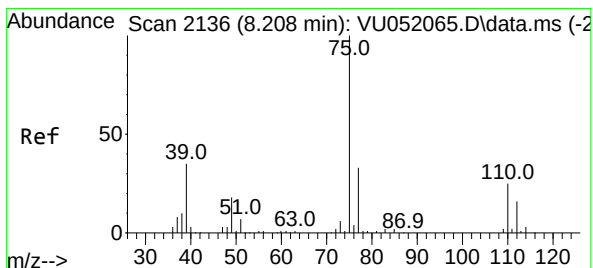
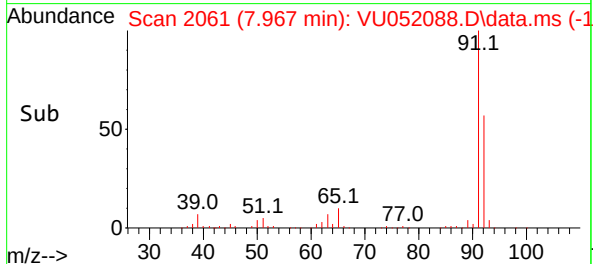
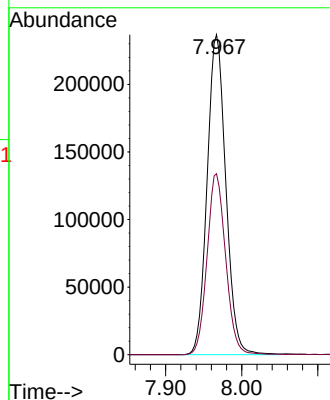
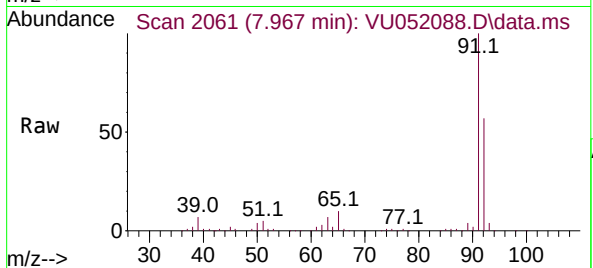
ClientSampleId :

Tgt Ion: 91 Resp: 403773

Ion Ratio Lower Upper

91 100

92 56.6 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 5.183 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU052088.D

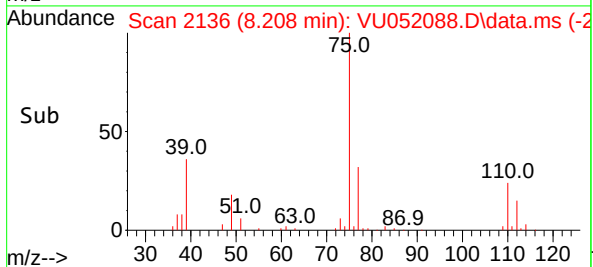
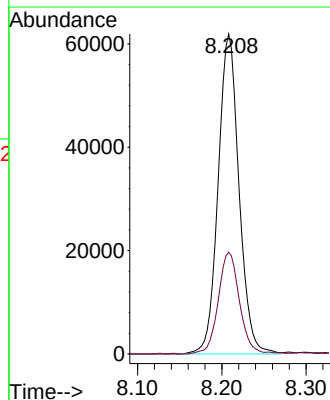
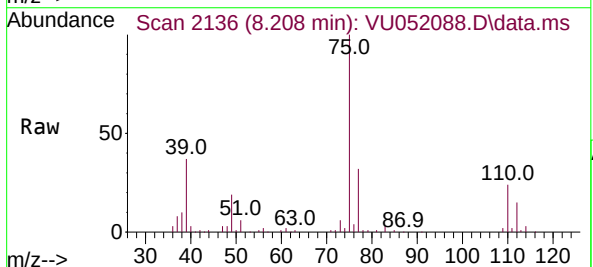
Acq: 23 Nov 2022 14:03

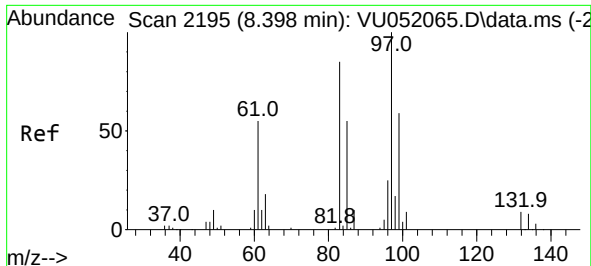
Tgt Ion: 75 Resp: 106183

Ion Ratio Lower Upper

75 100

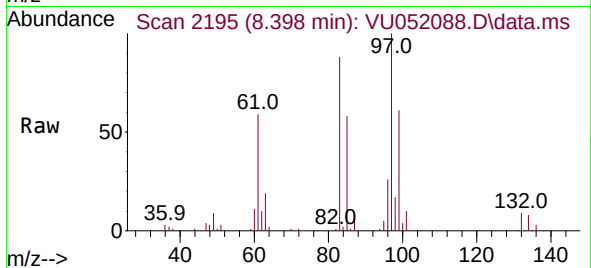
77 31.8 22.6 42.0



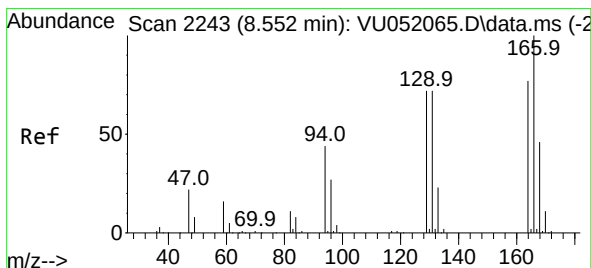
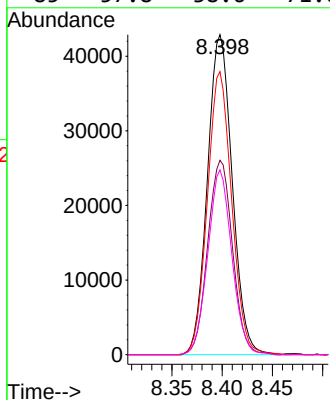
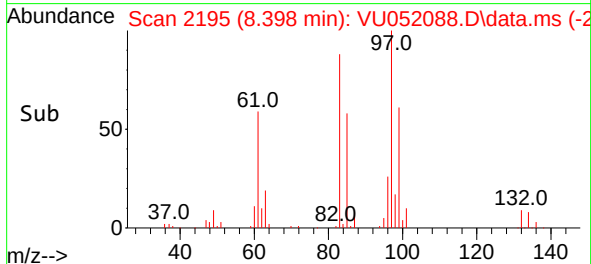


#45
1,1,2-Trichloroethane
Concen: 5.264 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU052088.D
Acq: 23 Nov 2022 14:03

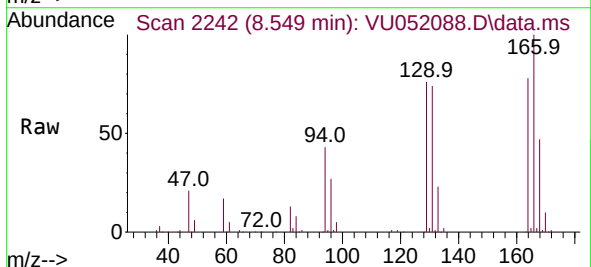
Instrument :
MSVOA_U
ClientSampleId :



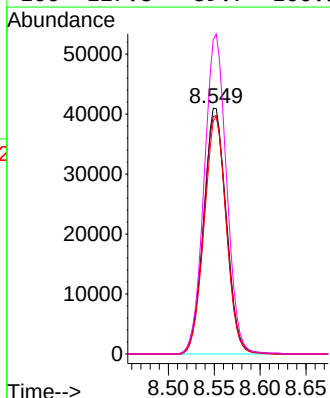
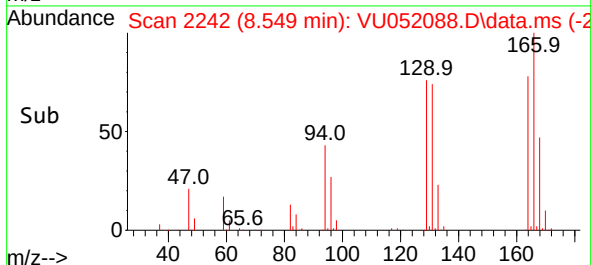
Tgt Ion:	97	Resp:	73702
Ion	Ratio	Lower	Upper
97	100		
99	60.8	42.6	79.2
83	88.5	60.7	112.7
85	57.8	38.6	71.6

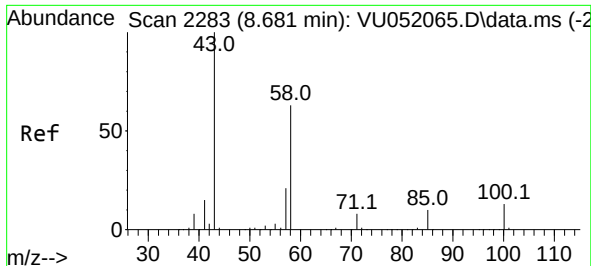


#47
Tetrachloroethene
Concen: 5.122 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VU052088.D
Acq: 23 Nov 2022 14:03



Tgt Ion:	164	Resp:	70467
Ion	Ratio	Lower	Upper
164	100		
129	96.7	67.4	125.2
131	94.7	67.1	124.7
166	127.8	89.7	166.5

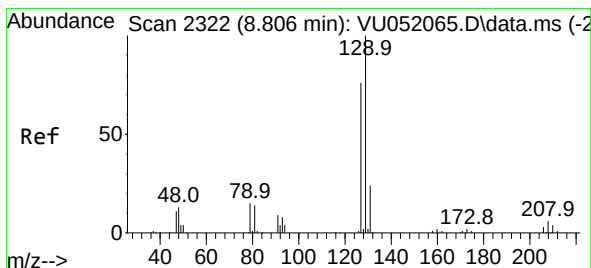
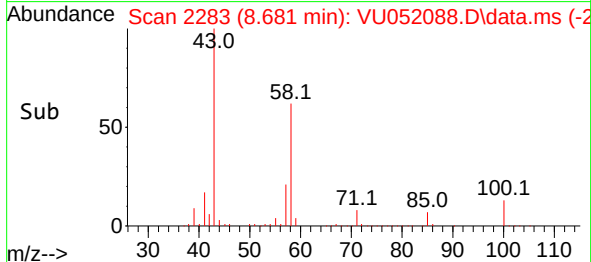
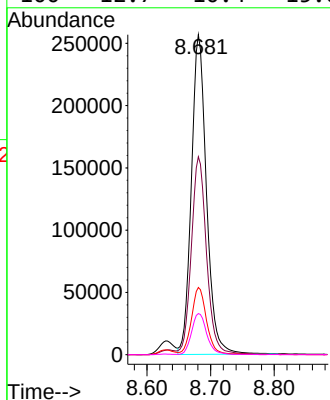
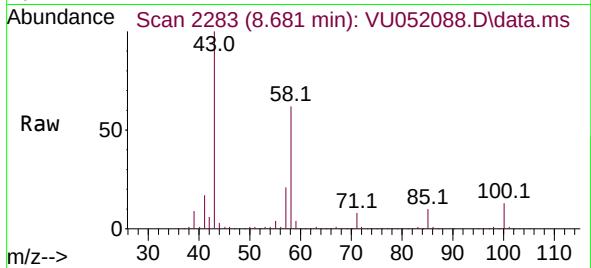




#48
2-Hexanone
Concen: 59.280 ug/L
RT: 8.681 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052088.D
Acq: 23 Nov 2022 14:03

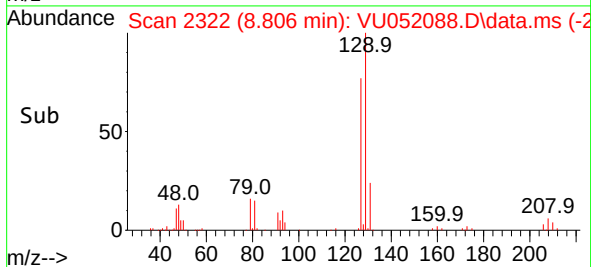
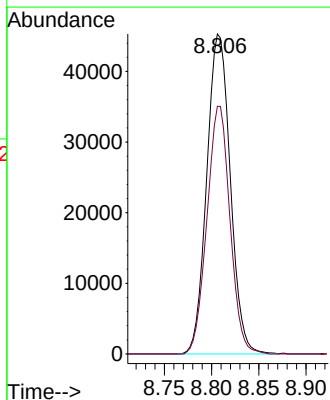
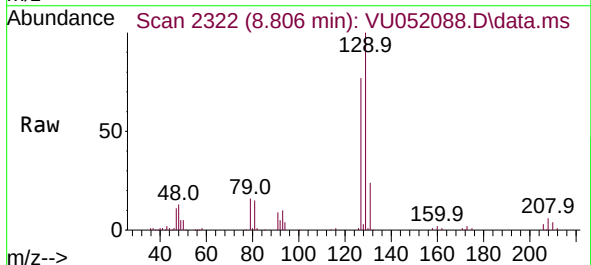
Instrument :
MSVOA_U
ClientSampleId :

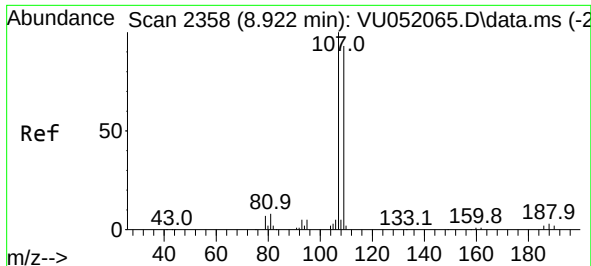
Tgt Ion: 43 Resp: 422994
Ion Ratio Lower Upper
43 100
58 62.1 49.4 74.0
57 21.0 16.3 24.5
100 12.7 10.4 15.6



#49
Dibromochloromethane
Concen: 5.004 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VU052088.D
Acq: 23 Nov 2022 14:03

Tgt Ion: 129 Resp: 78475
Ion Ratio Lower Upper
129 100
127 77.4 52.8 98.2

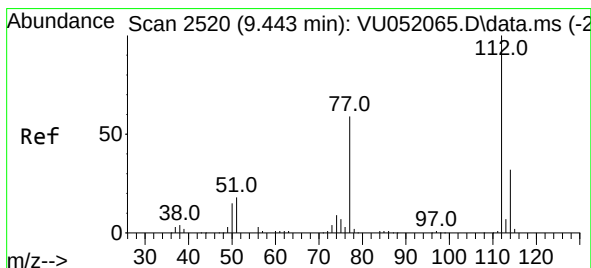
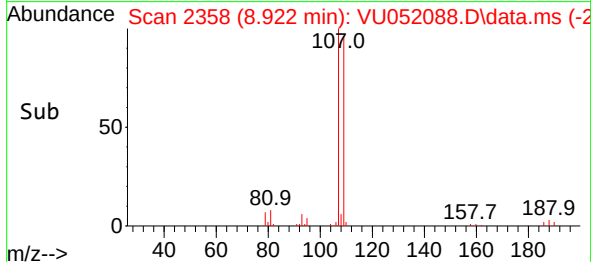
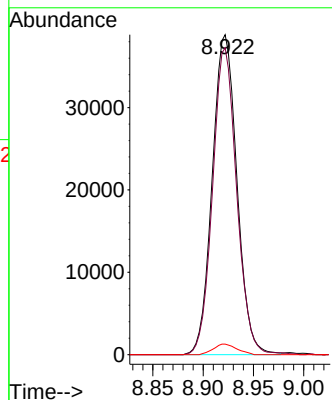
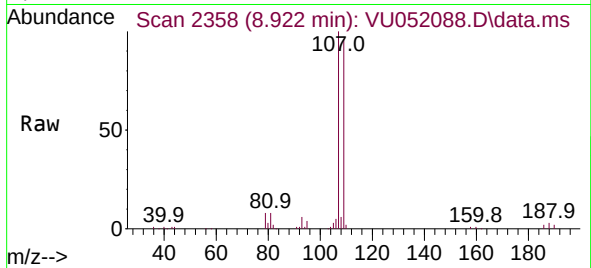




#50
1,2-Dibromoethane
Concen: 5.206 ug/L
RT: 8.922 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052088.D
Acq: 23 Nov 2022 14:03

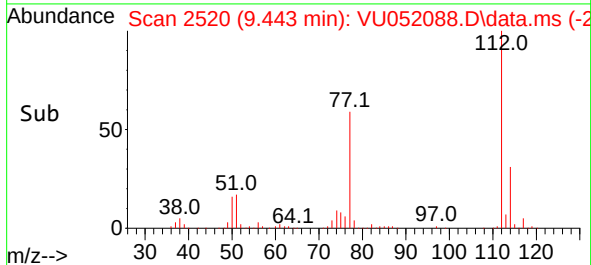
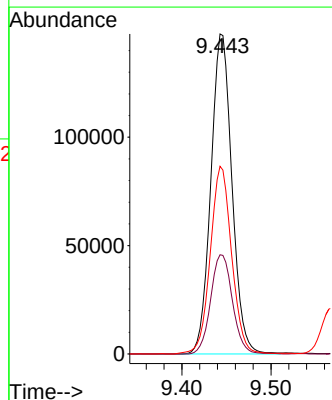
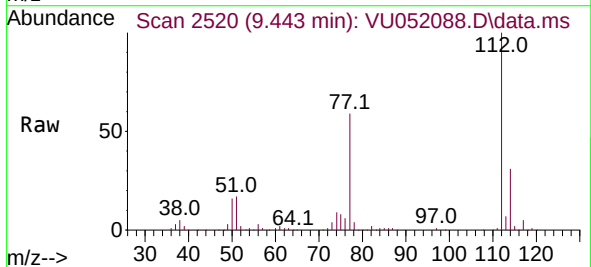
Instrument :
MSVOA_U
ClientSampleId :

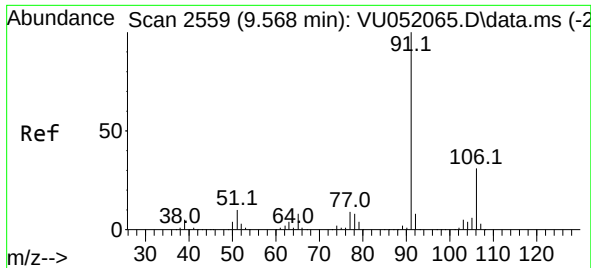
Tgt Ion:107 Resp: 66394
Ion Ratio Lower Upper
107 100
109 95.9 64.9 120.5
188 3.3 2.6 4.0



#51
Chlorobenzene
Concen: 5.143 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU052088.D
Acq: 23 Nov 2022 14:03

Tgt Ion:112 Resp: 242742
Ion Ratio Lower Upper
112 100
114 31.0 22.2 41.2
77 58.6 46.6 70.0

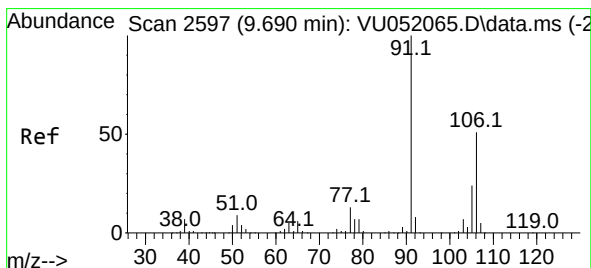
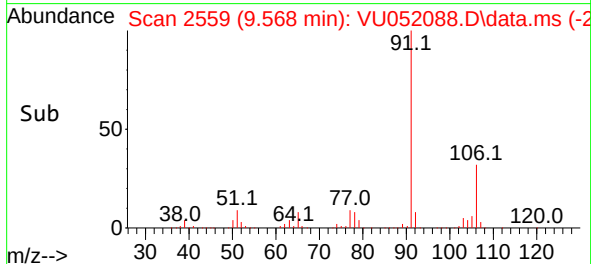
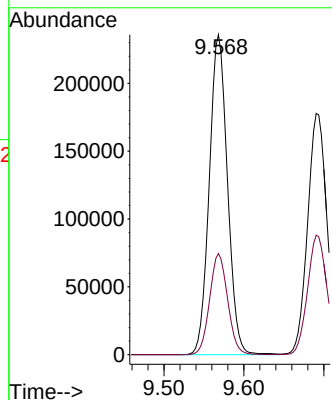
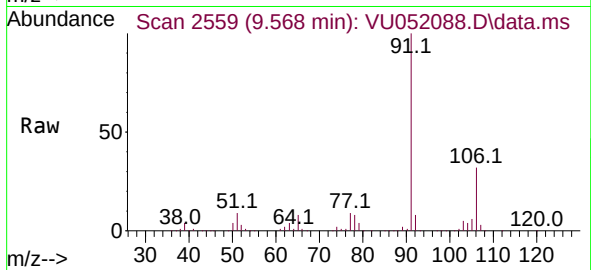




#52
Ethylbenzene
Concen: 5.177 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU052088.D
Acq: 23 Nov 2022 14:03

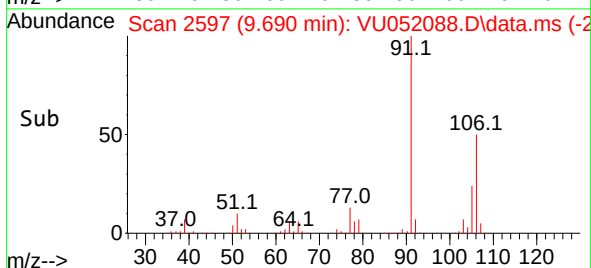
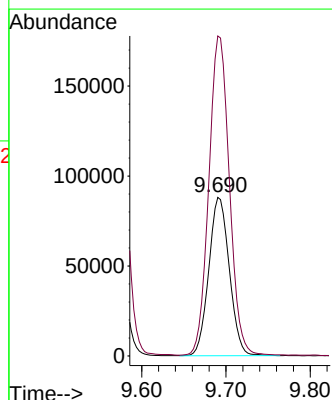
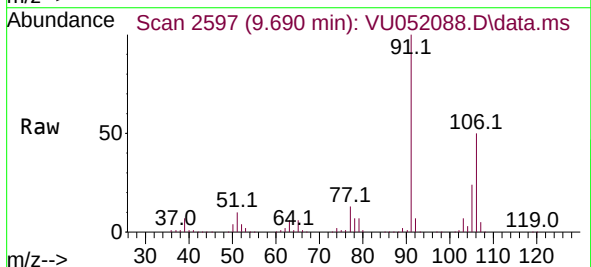
Instrument :
MSVOA_U
ClientSampleId :

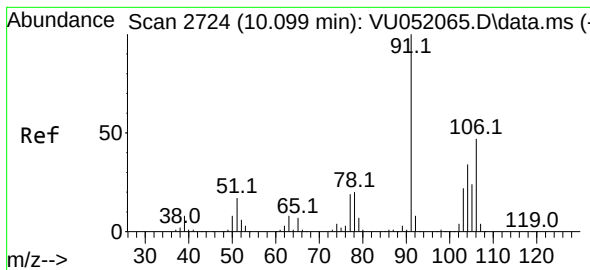
Tgt Ion: 91 Resp: 372603
Ion Ratio Lower Upper
91 100
106 31.6 22.3 41.3



#53
m,p-Xylene
Concen: 5.356 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU052088.D
Acq: 23 Nov 2022 14:03

Tgt Ion: 106 Resp: 149249
Ion Ratio Lower Upper
106 100
91 201.7 137.7 255.7





#54

o-Xylene

Concen: 5.479 ug/L

RT: 10.099 min Scan# 2724

Delta R.T. 0.000 min

Lab File: VU052088.D

Acq: 23 Nov 2022 14:03

Instrument :

MSVOA_U

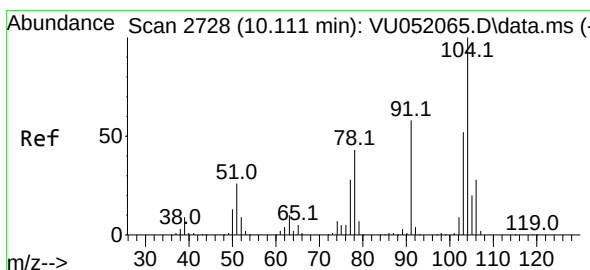
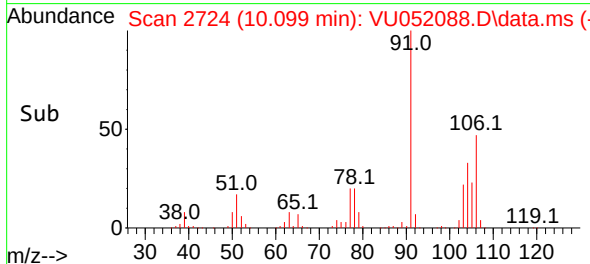
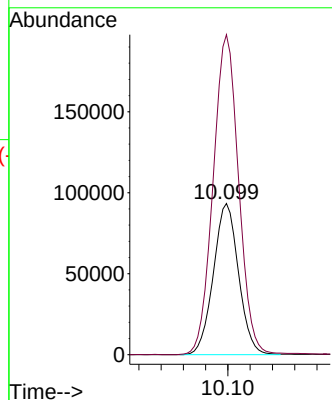
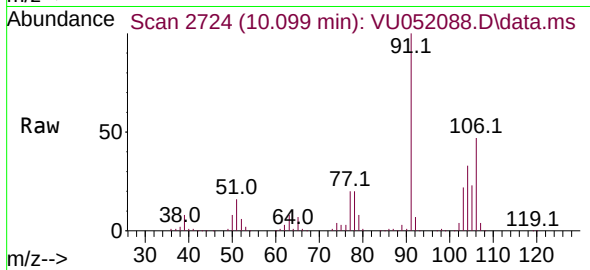
ClientSampleId :

Tgt Ion:106 Resp: 146346

Ion Ratio Lower Upper

106 100

91 211.5 151.5 281.5



#55

Styrene

Concen: 5.584 ug/L

RT: 10.112 min Scan# 2728

Delta R.T. 0.000 min

Lab File: VU052088.D

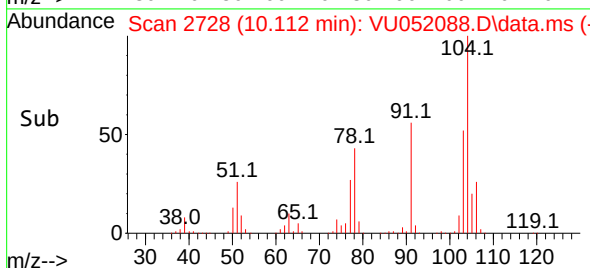
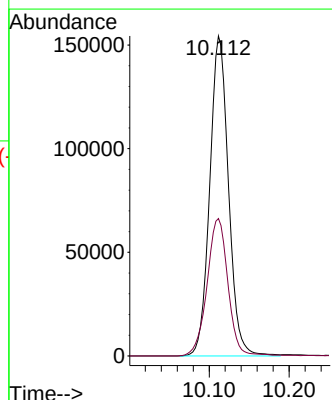
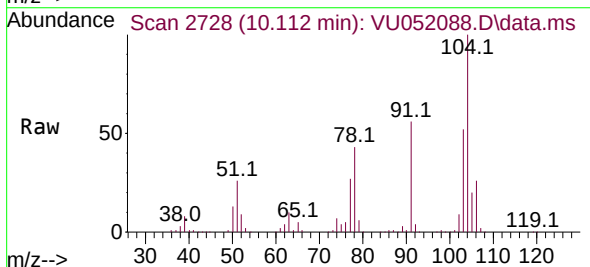
Acq: 23 Nov 2022 14:03

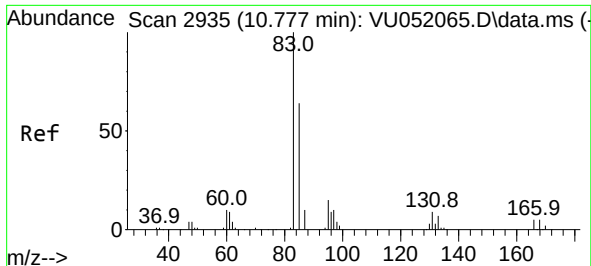
Tgt Ion:104 Resp: 251887

Ion Ratio Lower Upper

104 100

78 43.0 30.6 56.8





#57

1,1,2,2-Tetrachloroethane

Concen: 5.612 ug/L

RT: 10.780 min Scan# 2935

Delta R.T. 0.000 min

Lab File: VU052088.D

Acq: 23 Nov 2022 14:03

Instrument :

MSVOA_U

ClientSampleId :

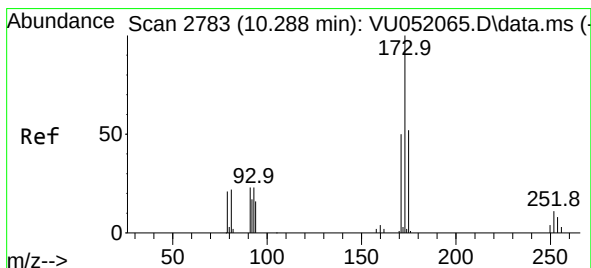
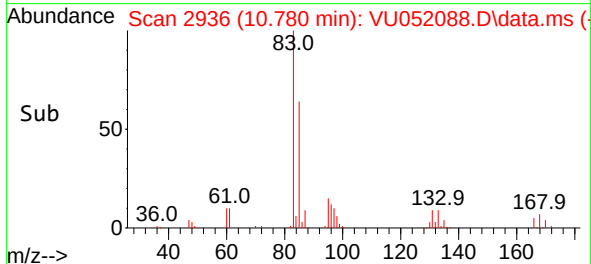
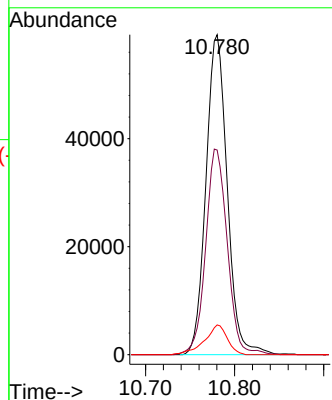
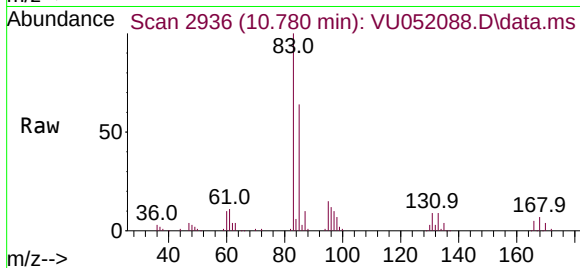
Tgt Ion: 83 Resp: 98144

Ion Ratio Lower Upper

83 100

85 64.0 45.7 84.9

131 9.3 7.6 11.4



#59

Bromoform

Concen: 4.858 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. 0.000 min

Lab File: VU052088.D

Acq: 23 Nov 2022 14:03

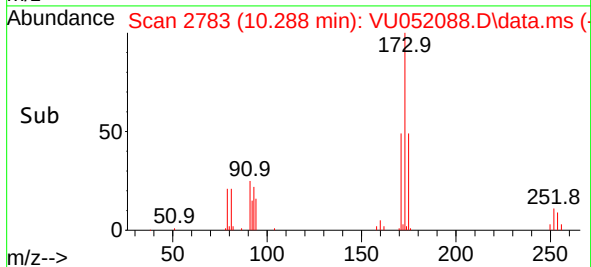
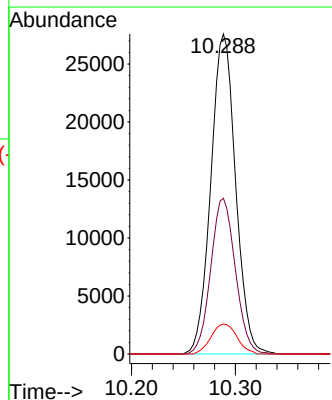
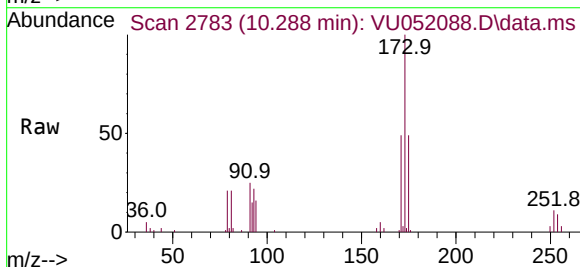
Tgt Ion:173 Resp: 45683

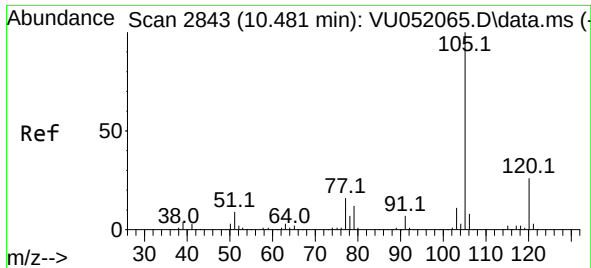
Ion Ratio Lower Upper

173 100

175 48.2 37.2 55.8

254 9.8 7.0 10.6

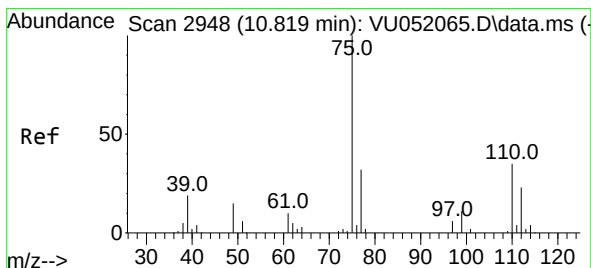
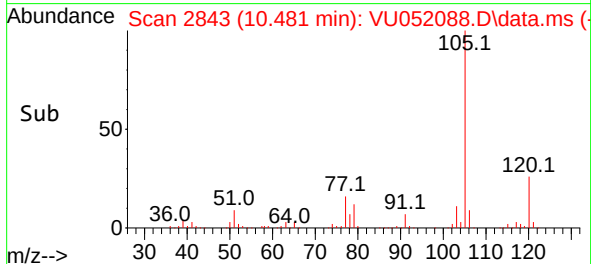
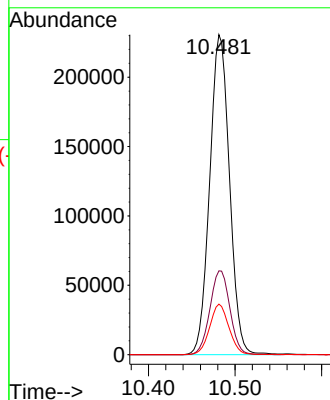
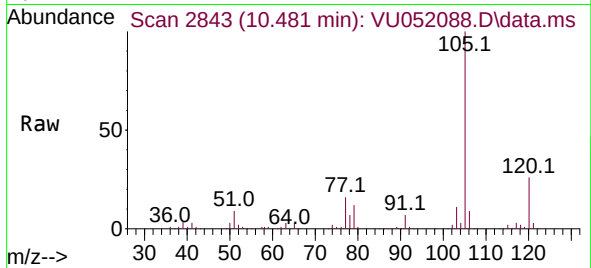




#60
Isopropylbenzene
Concen: 5.103 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU052088.D
Acq: 23 Nov 2022 14:03

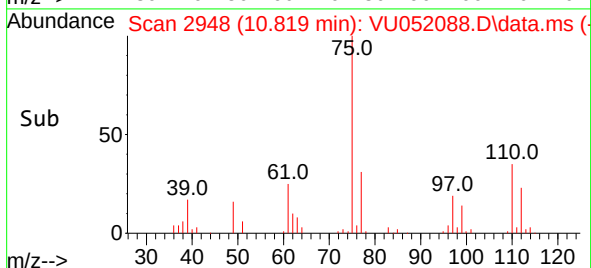
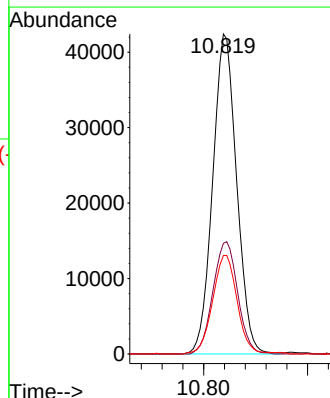
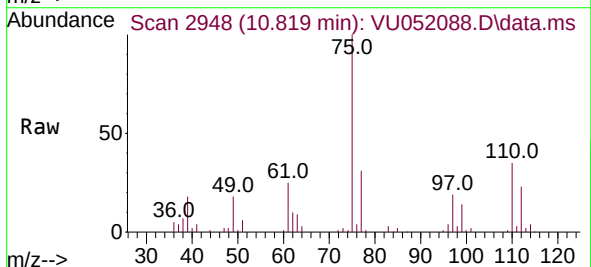
Instrument :
MSVOA_U
ClientSampleId :

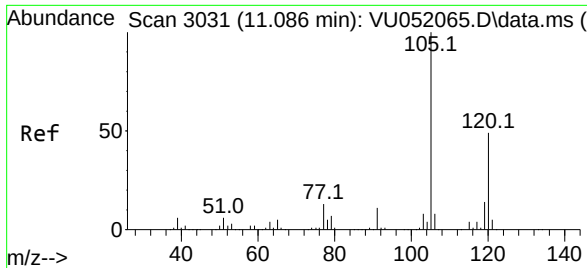
Tgt Ion:105 Resp: 365990
Ion Ratio Lower Upper
105 100
120 26.5 21.0 31.6
77 15.5 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 5.187 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VU052088.D
Acq: 23 Nov 2022 14:03

Tgt Ion: 75 Resp: 67779
Ion Ratio Lower Upper
75 100
110 36.2 28.3 42.5
77 31.6 26.2 39.2

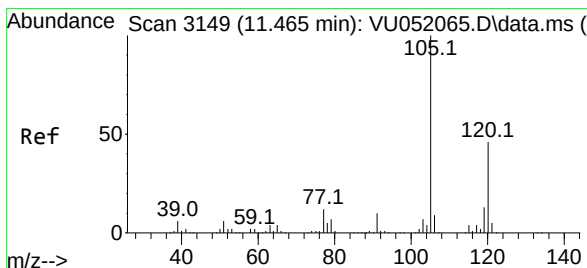
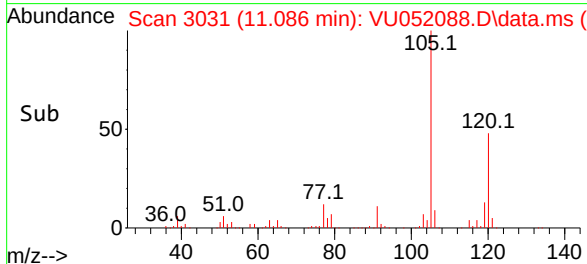
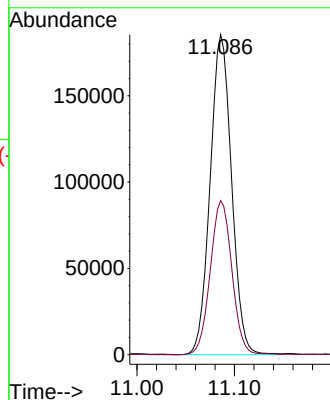
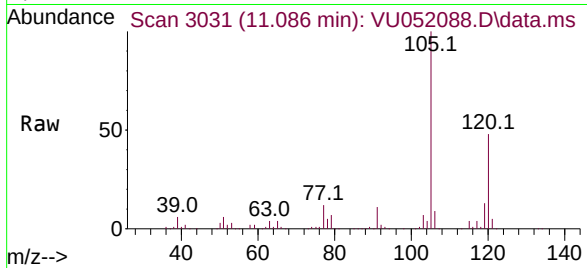




#62
 1,3,5-Trimethylbenzene
 Concen: 4.942 ug/L
 RT: 11.086 min Scan# 3031
 Delta R.T. 0.000 min
 Lab File: VU052088.D
 Acq: 23 Nov 2022 14:03

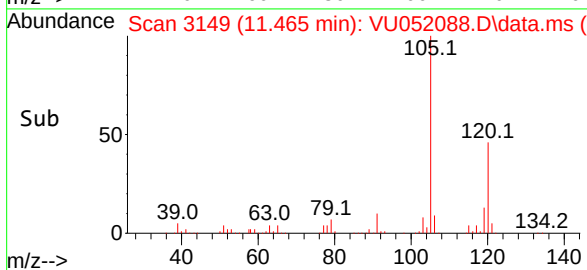
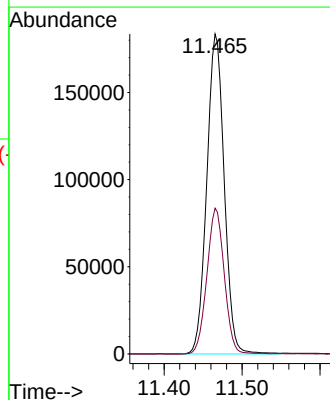
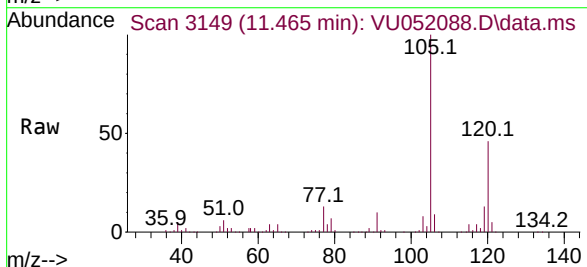
Instrument :
 MSVOA_U
 ClientSampleId :

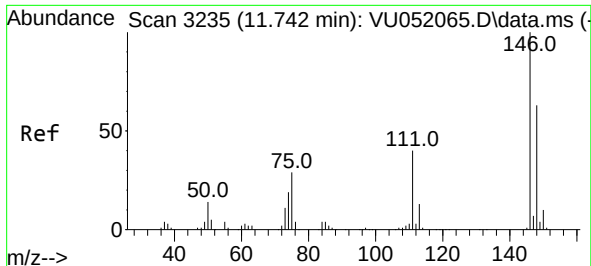
Tgt Ion:105 Resp: 283333
 Ion Ratio Lower Upper
 105 100
 120 48.6 38.7 58.1



#63
 1,2,4-Trimethylbenzene
 Concen: 5.012 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. 0.000 min
 Lab File: VU052088.D
 Acq: 23 Nov 2022 14:03

Tgt Ion:105 Resp: 285193
 Ion Ratio Lower Upper
 105 100
 120 45.4 36.6 55.0

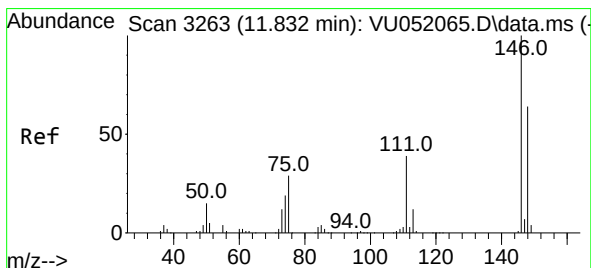
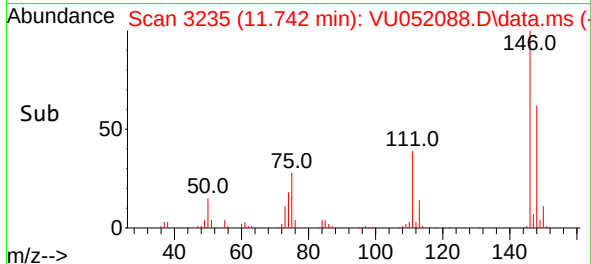
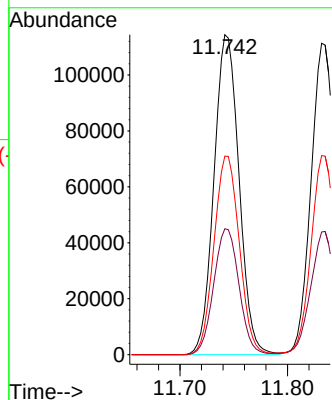
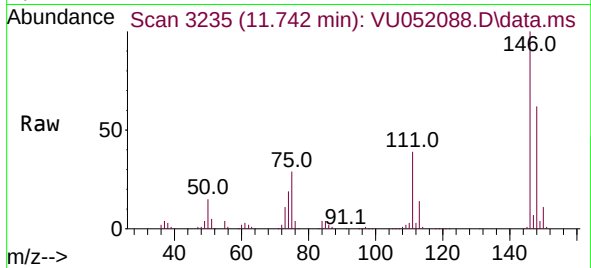




#64
1,3-Dichlorobenzene
Concen: 5.062 ug/L
RT: 11.742 min Scan# 3235
Delta R.T. 0.000 min
Lab File: VU052088.D
Acq: 23 Nov 2022 14:03

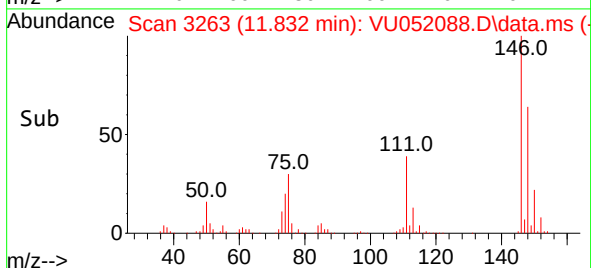
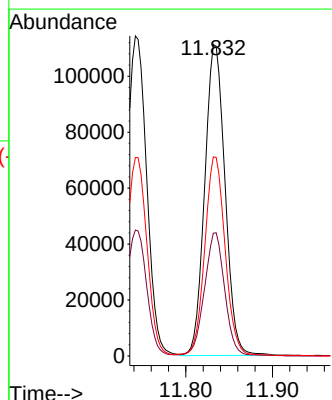
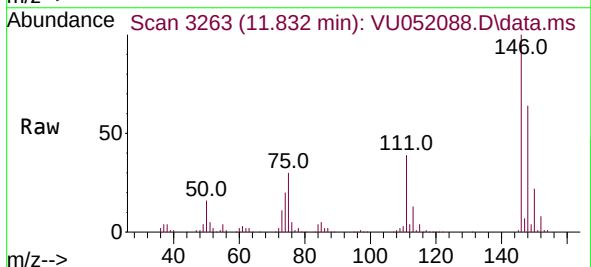
Instrument :
MSVOA_U
ClientSampleId :

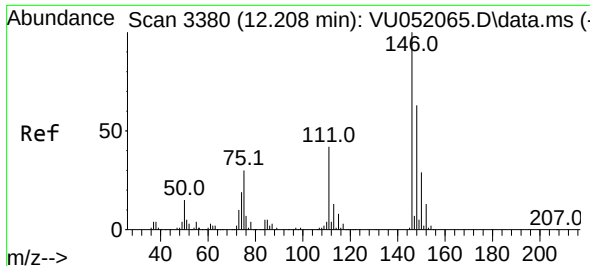
Tgt Ion:146 Resp: 185375
Ion Ratio Lower Upper
146 100
111 39.3 28.6 53.2
148 62.1 45.4 84.2



#65
1,4-Dichlorobenzene
Concen: 4.958 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.003 min
Lab File: VU052088.D
Acq: 23 Nov 2022 14:03

Tgt Ion:146 Resp: 181057
Ion Ratio Lower Upper
146 100
111 39.4 26.9 50.1
148 63.9 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 5.109 ug/L

RT: 12.211 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU052088.D

Acq: 23 Nov 2022 14:03

Instrument :

MSVOA_U

ClientSampleId :

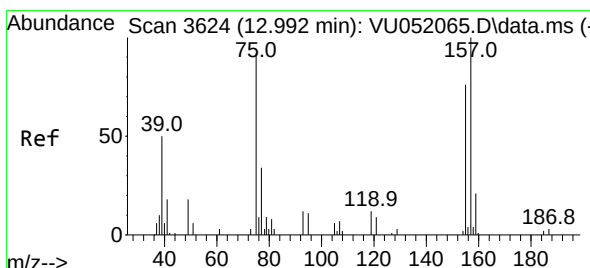
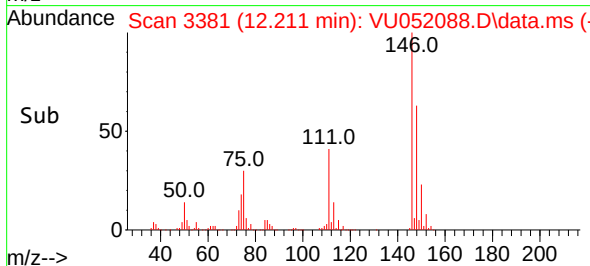
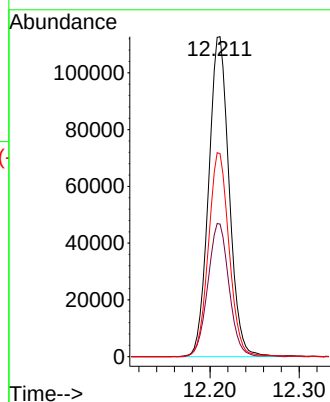
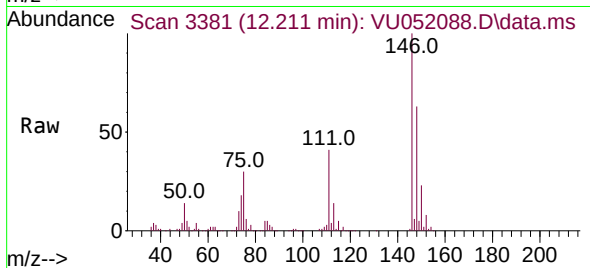
Tgt Ion:146 Resp: 180165

Ion Ratio Lower Upper

146 100

111 41.4 32.7 49.1

148 63.5 50.6 75.8



#68

1,2-Dibromo-3-chloropropane

Concen: 5.051 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.003 min

Lab File: VU052088.D

Acq: 23 Nov 2022 14:03

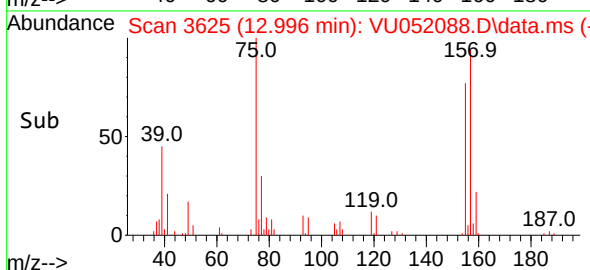
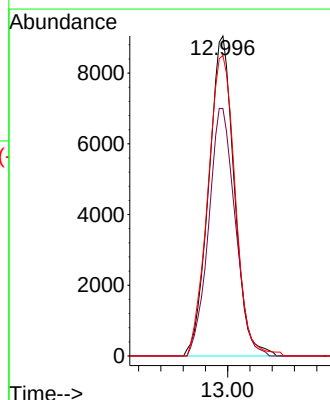
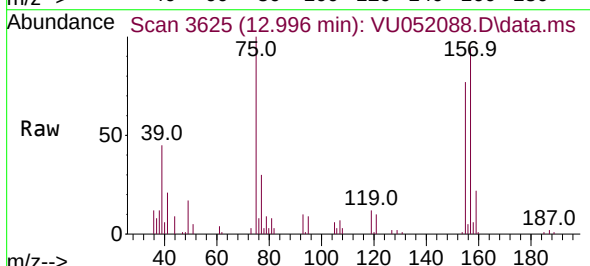
Tgt Ion: 75 Resp: 14444

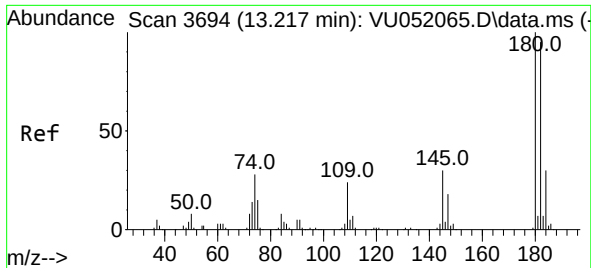
Ion Ratio Lower Upper

75 100

155 77.3 65.4 98.2

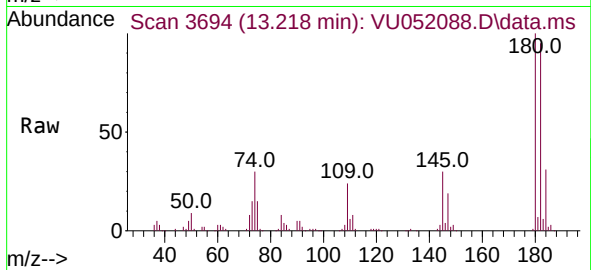
157 93.9 80.5 120.7





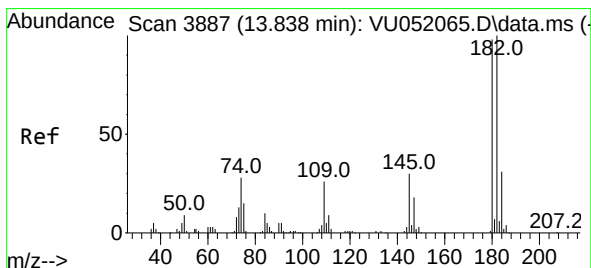
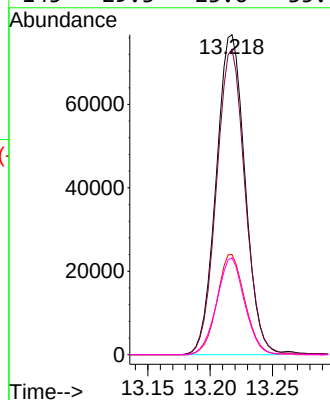
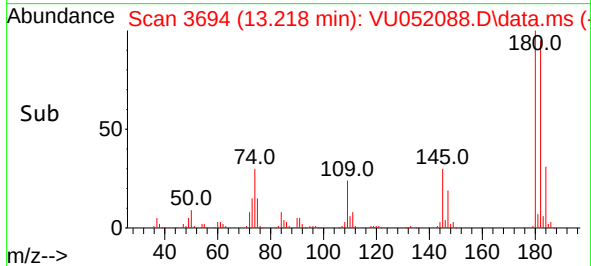
#69
 1,3,5-Trichlorobenzene
 Concen: 4.750 ug/L
 RT: 13.218 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU052088.D
 Acq: 23 Nov 2022 14:03

Instrument :
 MSVOA_U
 ClientSampleId :

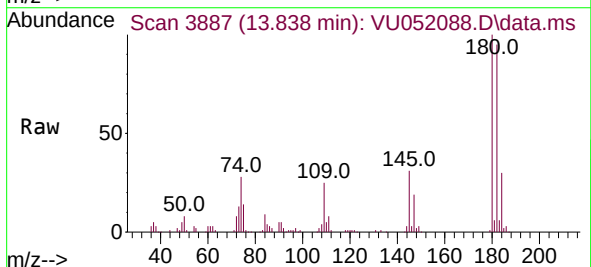


Tgt Ion:180 Resp: 123341

Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.7	113.5
184	30.3	24.3	36.5
145	29.3	23.6	35.4

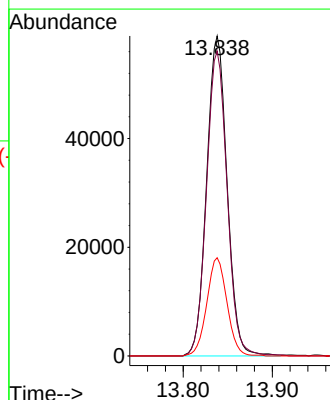
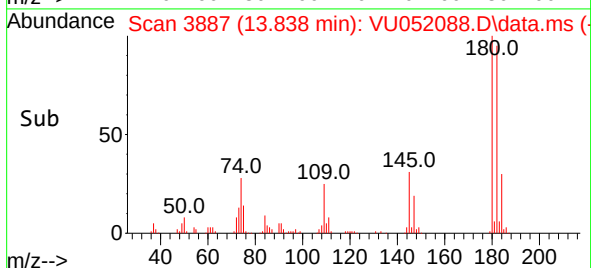


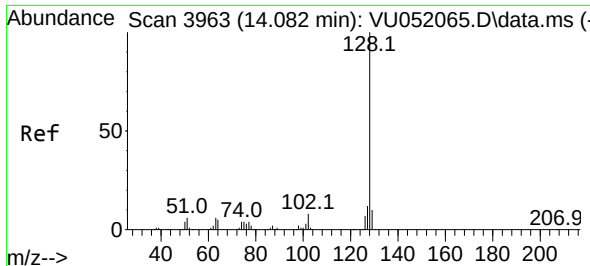
#70
 1,2,4-trichlorobenzene
 Concen: 4.748 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.000 min
 Lab File: VU052088.D
 Acq: 23 Nov 2022 14:03



Tgt Ion:180 Resp: 93888

Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.3	114.5
145	30.3	24.6	36.8

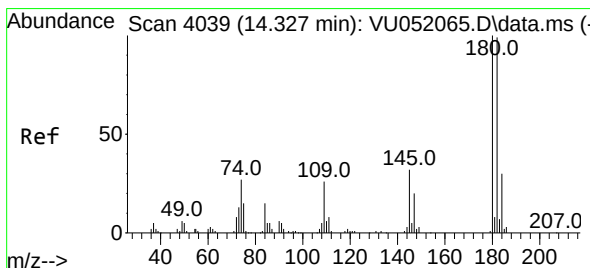
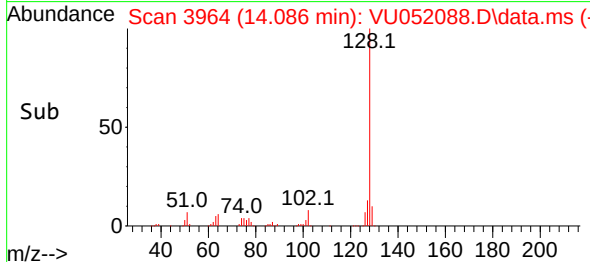
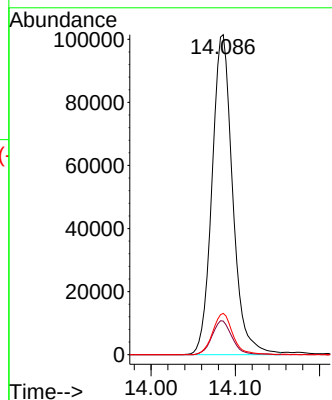
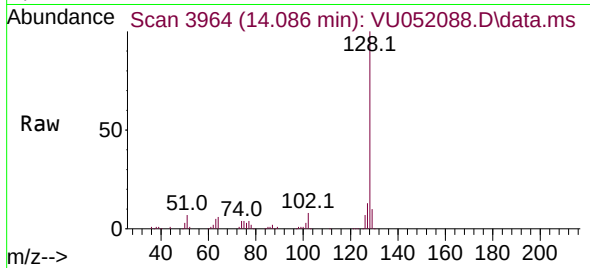




#71
Naphthalene
Concen: 4.651 ug/L
RT: 14.086 min Scan# 3963
Delta R.T. 0.000 min
Lab File: VU052088.D
Acq: 23 Nov 2022 14:03

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 172673
Ion Ratio Lower Upper
128 100
129 10.2 8.3 12.5
127 12.6 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.920 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU052088.D
Acq: 23 Nov 2022 14:03

Tgt Ion:180 Resp: 95725
Ion Ratio Lower Upper
180 100
182 95.9 75.7 113.5
145 31.7 24.5 36.7

