

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032224\
 Data File : VU058188.D
 Acq On : 22 Mar 2024 12:20
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 22 23:39:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 22 04:55:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	91093	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	86460	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	42351	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	33341	4.331	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.600%
7) Chloroethane-d5	1.911	69	28797	4.583	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	2.557	65	14783	4.625	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.600%
20) 2-Butanone-d5	4.634	46	72490	53.006	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.020%
24) Chloroform-d	5.052	84	66413	4.826	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.692	65	31822	4.946	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.718	84	133120	4.740	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	6.679	67	40105	4.846	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.888	98	117270	4.714	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	8.174	79	12961	4.887	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.800%
46) 2-Hexanone-d5	8.627	63	56855	52.939	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.880%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	27416	5.085	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	37924	4.809	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	18662	4.974	ug/L	96
3) Chloromethane	1.518	50	22537	4.712	ug/L	98
5) Vinyl chloride	1.602	62	26523	5.079	ug/L	98
6) Bromomethane	1.856	94	12878	4.598	ug/L	97
8) Chloroethane	1.930	64	17478	5.075	ug/L	96
9) Trichlorofluoromethane	2.132	101	48230	5.683	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	28336	5.202	ug/L	97
12) 1,1-Dichloroethene	2.570	96	23325	5.108	ug/L	90
13) Acetone	2.657	43	50353	56.890	ug/L	96
14) Carbon disulfide	2.782	76	50720	4.971	ug/L	98
15) Methyl Acetate	2.956	43	9524	5.184	ug/L	97
16) Methylene chloride	3.036	84	29705	4.590	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	64211	5.239	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	23815	4.990	ug/L	97
19) 1,1-Dichloroethane	3.856	63	56560	5.274	ug/L	99
21) 2-Butanone	4.711	43	73896	54.954	ug/L	96
22) cis-1,2-Dichloroethene	4.657	96	29993	5.086	ug/L	91
23) Bromochloromethane	4.965	128	11818	5.370	ug/L	100
25) Chloroform	5.078	83	57878	5.147	ug/L	96

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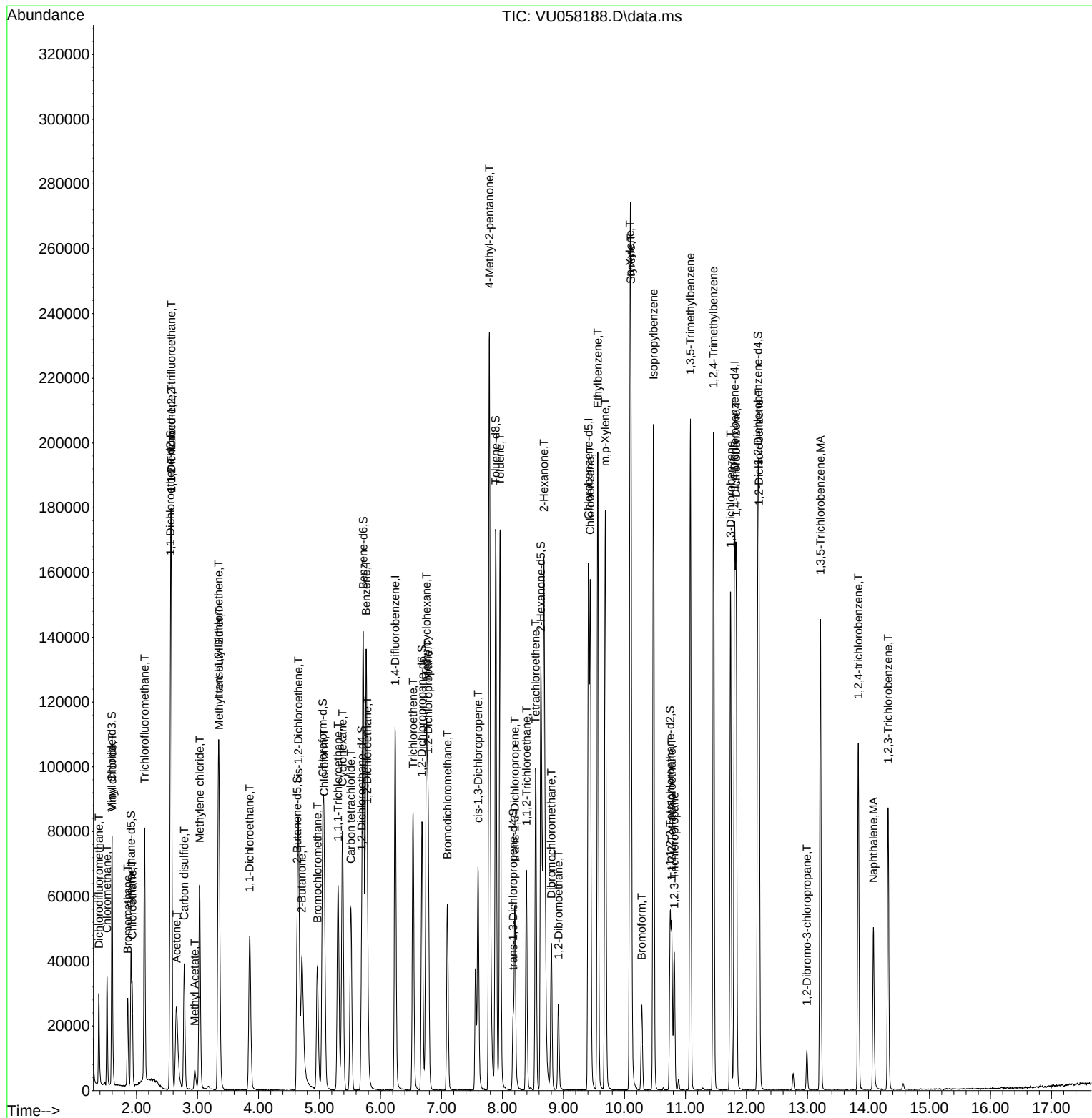
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	32846	5.145	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	45280	5.065	ug/L	98
30) Cyclohexane	5.377	56	39897	5.110	ug/L	97
31) Carbon tetrachloride	5.515	117	38409	5.047	ug/L	98
33) Benzene	5.763	78	118854	5.234	ug/L	100
34) Trichloroethene	6.534	95	30684	5.187	ug/L	97
35) Methylcyclohexane	6.753	83	43270	5.244	ug/L	98
37) 1,2-Dichloropropane	6.782	63	32741	5.161	ug/L	99
38) Bromodichloromethane	7.097	83	37629	5.175	ug/L	100
39) cis-1,3-Dichloropropene	7.598	75	42169	5.241	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	170210	53.065	ug/L	100
42) Toluene	7.962	91	126805	5.285	ug/L	97
44) trans-1,3-Dichloropropene	8.203	75	33553	5.300	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	20682	5.176	ug/L	97
47) Tetrachloroethene	8.544	164	21379	5.395	ug/L	98
48) 2-Hexanone	8.679	43	133196	57.021	ug/L	96
49) Dibromochloromethane	8.801	129	23018	5.265	ug/L	97
50) 1,2-Dibromoethane	8.917	107	18195	5.290	ug/L	95
51) Chlorobenzene	9.438	112	80737	5.223	ug/L	99
52) Ethylbenzene	9.563	91	138289	5.162	ug/L	97
53) m,p-Xylene	9.685	106	50799	5.322	ug/L	96
54) o-Xylene	10.090	106	51336	5.328	ug/L	100
55) Styrene	10.106	104	84008	5.521	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	24904	5.288	ug/L	99
59) Bromoform	10.283	173	11881	5.342	ug/L	94
60) Isopropylbenzene	10.476	105	131694	5.176	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	18860	5.318	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	111800	5.236	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	111594	5.262	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	61058	5.153	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	60574	5.289	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	56016	5.112	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	3349	6.262	ug/L	95
69) 1,3,5-Trichlorobenzene	13.212	180	43655	5.269	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	31912	5.164	ug/L	99
71) Naphthalene	14.081	128	43018	5.111	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	25893	5.117	ug/L	96

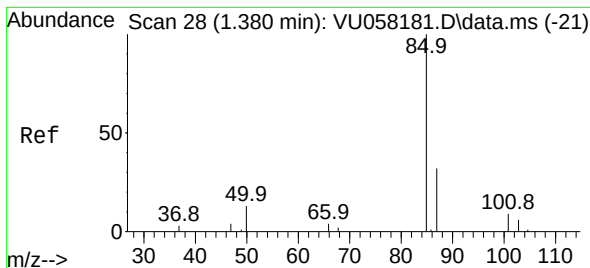
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 4.974 ug/L

RT: 1.383 min Scan# 20

Delta R.T. 0.003 min

Lab File: VU058188.D

Acq: 22 Mar 2024 12:20

Instrument :

MSVOA_U

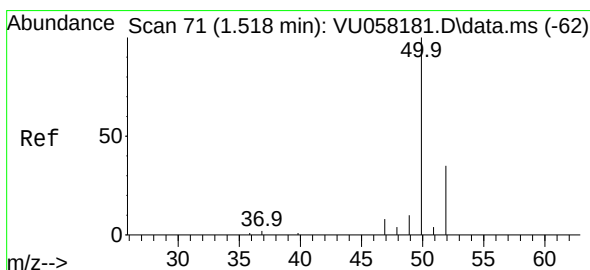
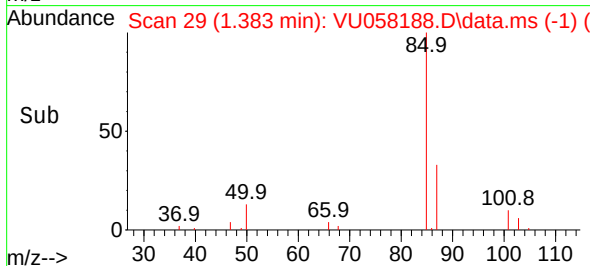
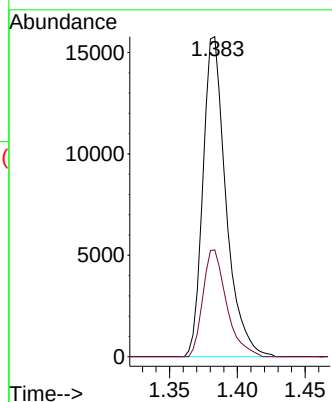
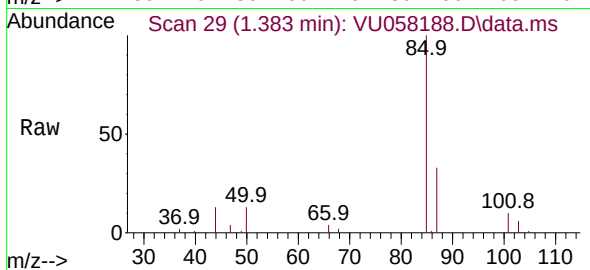
ClientSampleId :

Tgt Ion: 85 Resp: 18662

Ion Ratio Lower Upper

85 100

87 34.3 25.8 38.8



#3

Chloromethane

Concen: 4.712 ug/L

RT: 1.518 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU058188.D

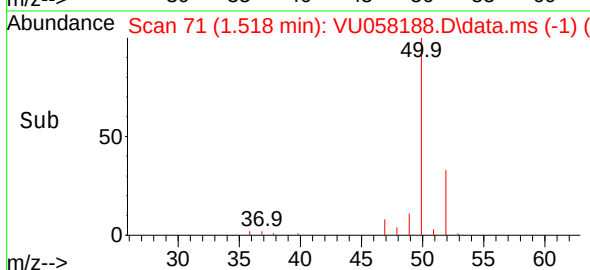
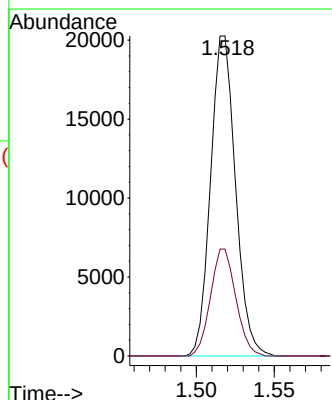
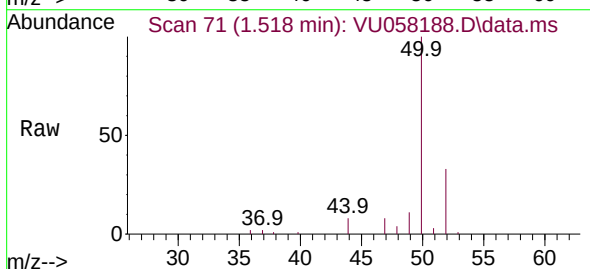
Acq: 22 Mar 2024 12:20

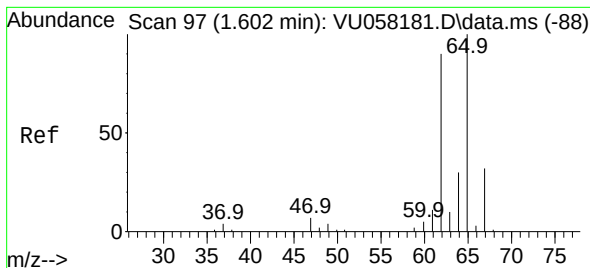
Tgt Ion: 50 Resp: 22537

Ion Ratio Lower Upper

50 100

52 33.4 24.2 45.0





#5

Vinyl chloride

Concen: 5.079 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU058188.D

Acq: 22 Mar 2024 12:20

Instrument :

MSVOA_U

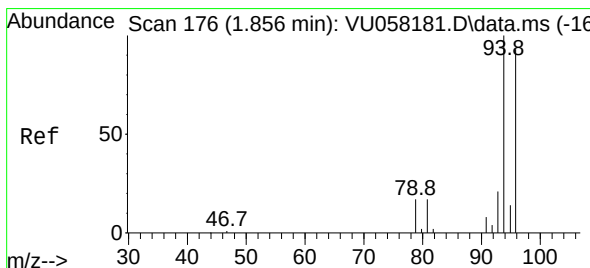
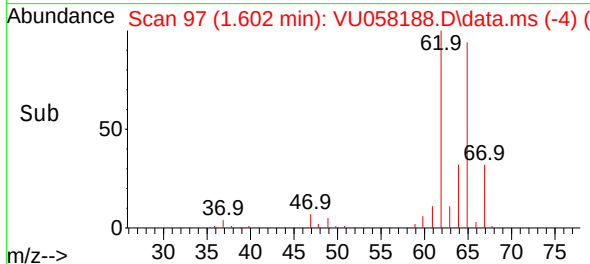
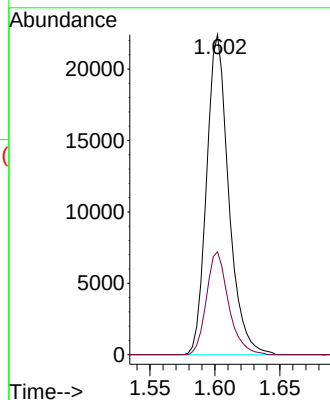
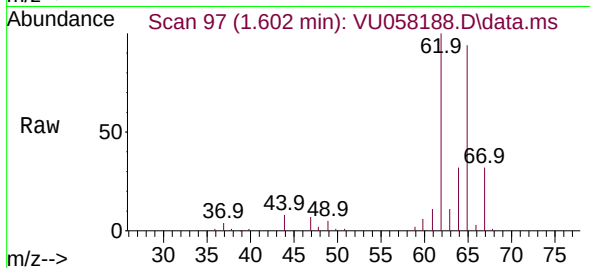
ClientSampleId :

Tgt Ion: 62 Resp: 26523

Ion Ratio Lower Upper

62 100

64 32.2 23.4 43.6



#6

Bromomethane

Concen: 4.598 ug/L

RT: 1.856 min Scan# 176

Delta R.T. -0.000 min

Lab File: VU058188.D

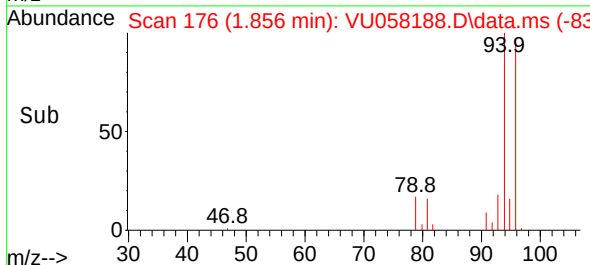
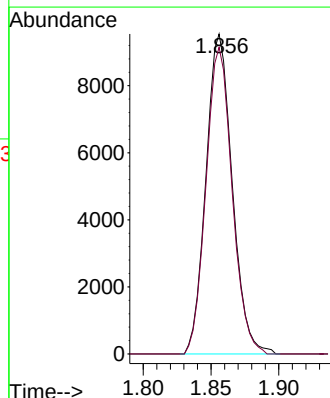
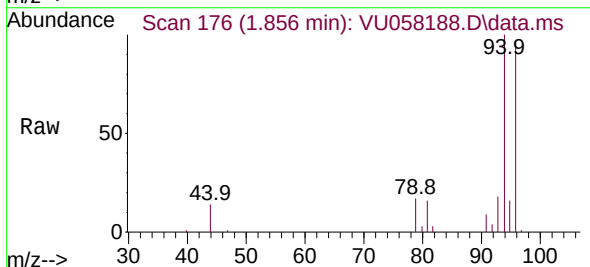
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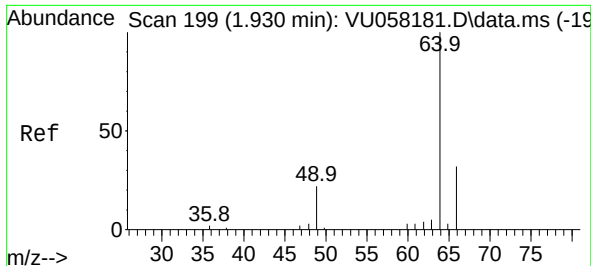
Tgt Ion: 94 Resp: 12878

Ion Ratio Lower Upper

94 100

96 95.8 64.8 120.4

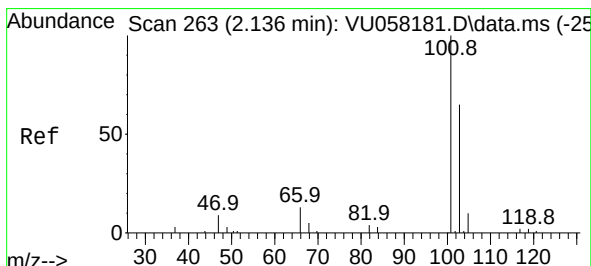
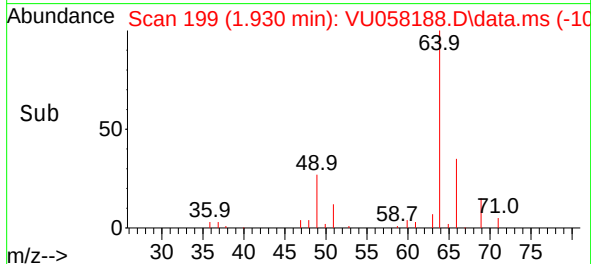
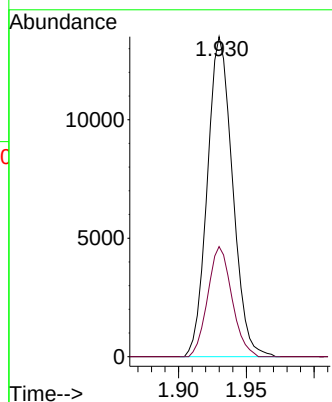
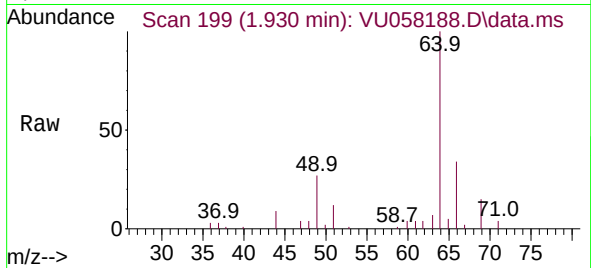




#8
Chloroethane
Concen: 5.075 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU058188.D
Acq: 22 Mar 2024 12:20

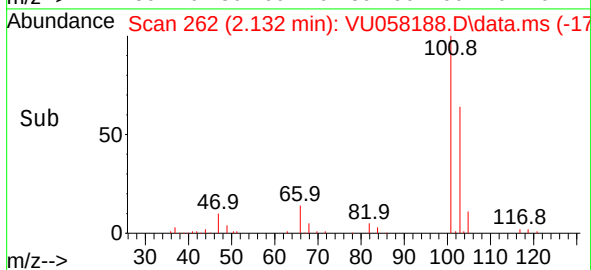
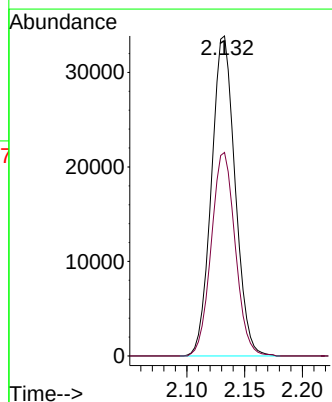
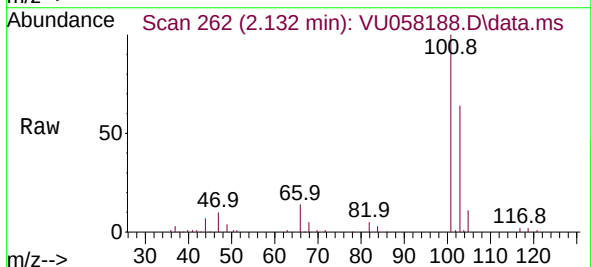
Instrument :
MSVOA_U
ClientSampleId :

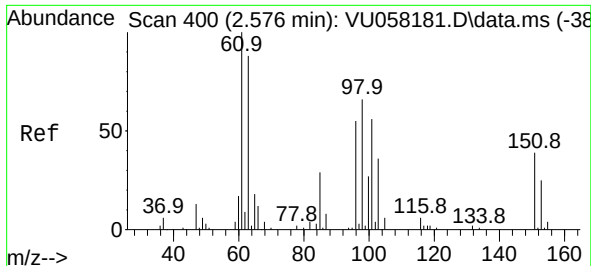
Tgt Ion: 64 Resp: 17478
Ion Ratio Lower Upper
64 100
66 34.4 22.5 41.9



#9
Trichlorofluoromethane
Concen: 5.683 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.003 min
Lab File: VU058188.D
Acq: 22 Mar 2024 12:20

Tgt Ion:101 Resp: 48230
Ion Ratio Lower Upper
101 100
103 64.4 52.3 78.5





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.202 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.007 min

Lab File: VU058188.D

Acq: 22 Mar 2024 12:20

Instrument :

MSVOA_U

ClientSampleId :

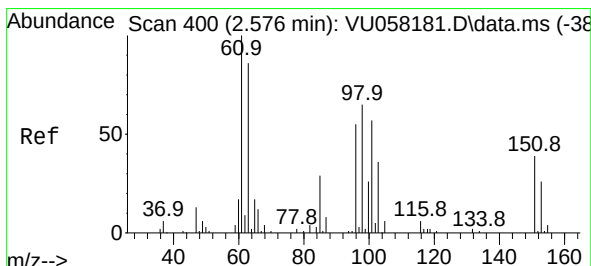
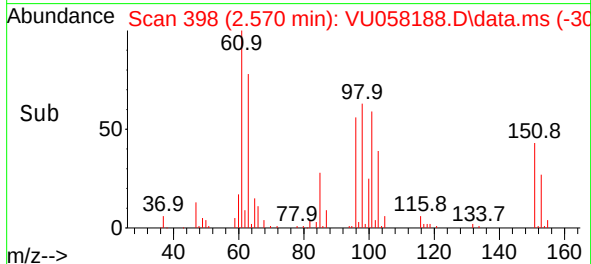
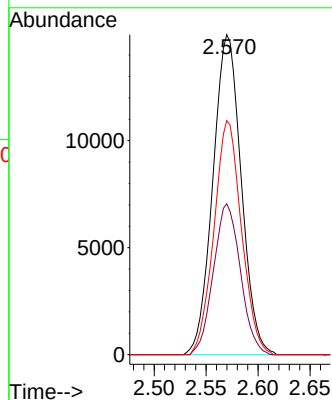
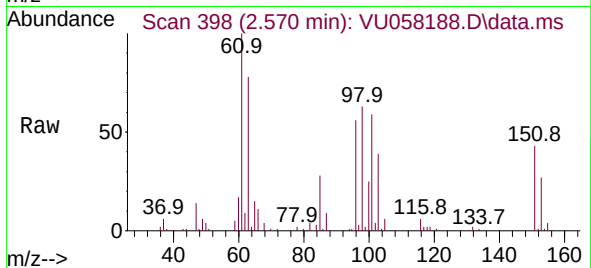
Tgt Ion:101 Resp: 28336

Ion Ratio Lower Upper

101 100

85 45.0 37.9 56.9

151 71.0 55.3 82.9



#12

1,1-Dichloroethene

Concen: 5.108 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.007 min

Lab File: VU058188.D

Acq: 22 Mar 2024 12:20

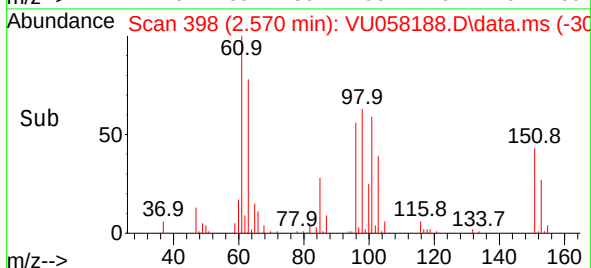
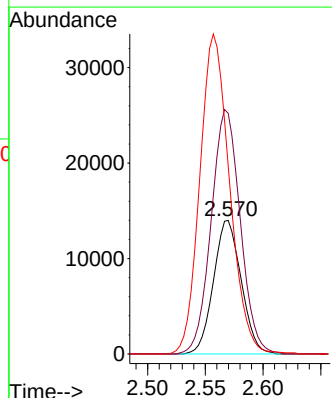
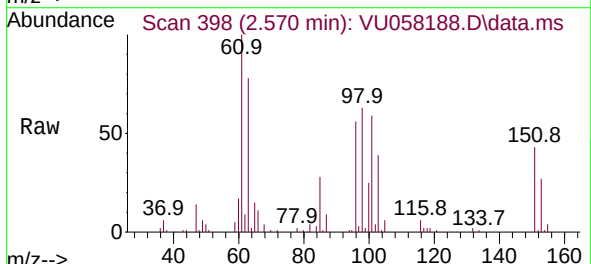
Tgt Ion: 96 Resp: 23325

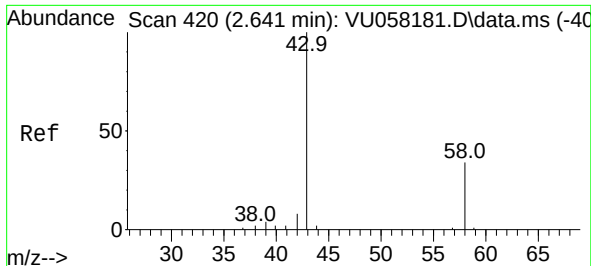
Ion Ratio Lower Upper

96 100

61 180.1 128.1 237.9

63 140.8 116.8 217.0





#13

Acetone

Concen: 56.890 ug/L

RT: 2.657 min Scan# 41

Delta R.T. 0.016 min

Lab File: VU058188.D

Acq: 22 Mar 2024 12:20

Instrument :

MSVOA_U

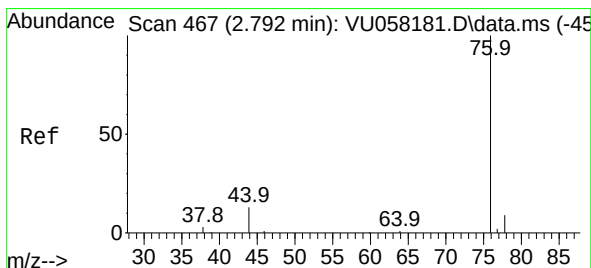
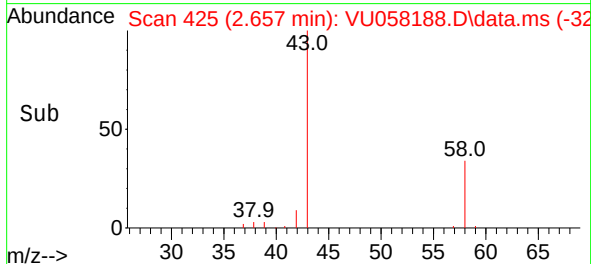
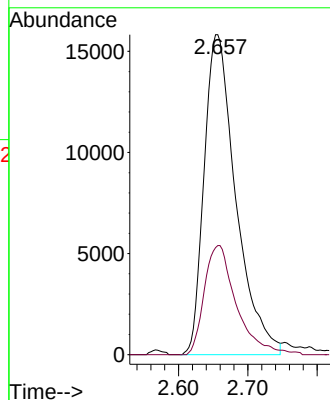
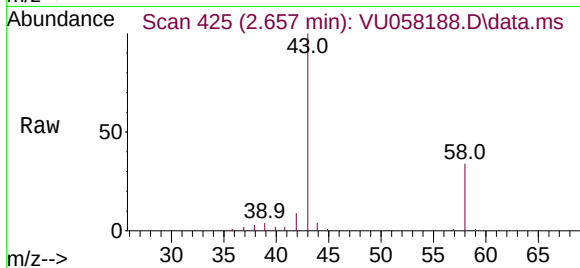
ClientSampleId :

Tgt Ion: 43 Resp: 50353

Ion Ratio Lower Upper

43 100

58 34.5 0.0 64.6



#14

Carbon disulfide

Concen: 4.971 ug/L

RT: 2.782 min Scan# 464

Delta R.T. -0.010 min

Lab File: VU058188.D

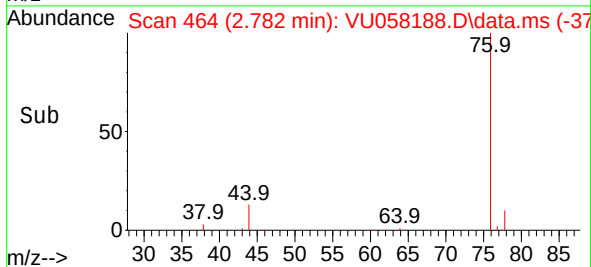
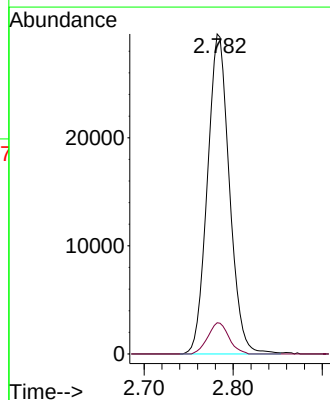
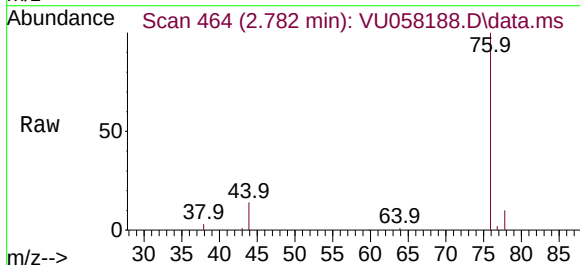
Acq: 22 Mar 2024 12:20

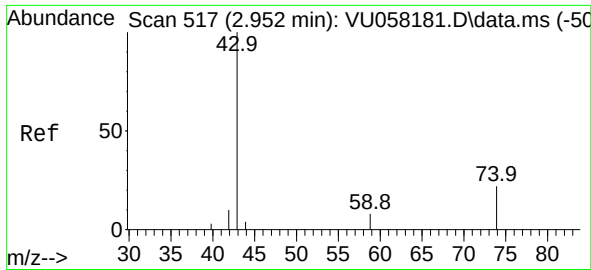
Tgt Ion: 76 Resp: 50720

Ion Ratio Lower Upper

76 100

78 9.7 7.2 10.8





#15

Methyl Acetate

Concen: 5.184 ug/L

RT: 2.956 min Scan# 51

Delta R.T. 0.003 min

Lab File: VU058188.D

Acq: 22 Mar 2024 12:20

Instrument :

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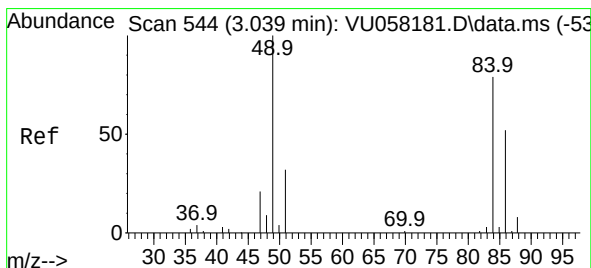
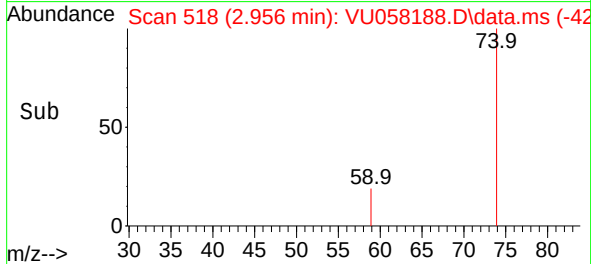
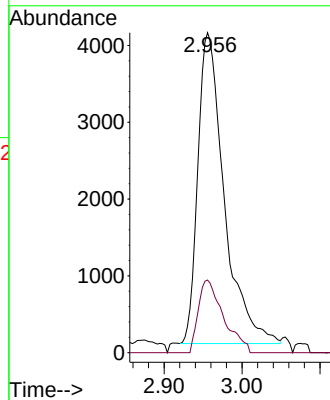
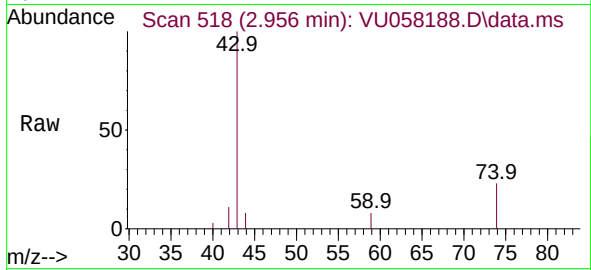
ClientSampleId :

Tgt Ion: 43 Resp: 9524

Ion Ratio Lower Upper

43 100

74 22.3 16.8 25.2



#16

Methylene chloride

Concen: 4.590 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.003 min

Lab File: VU058188.D

Acq: 22 Mar 2024 12:20

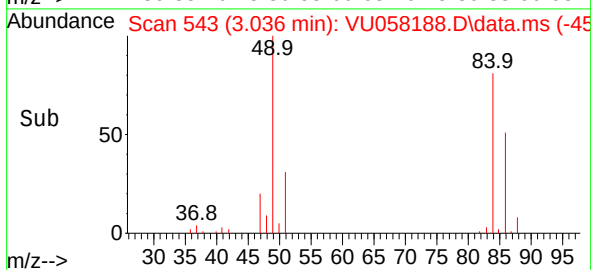
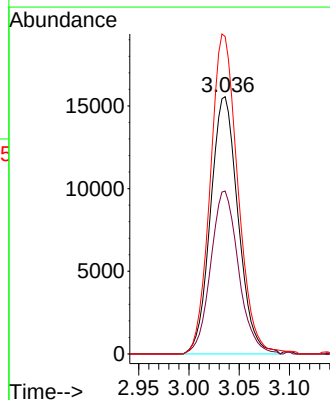
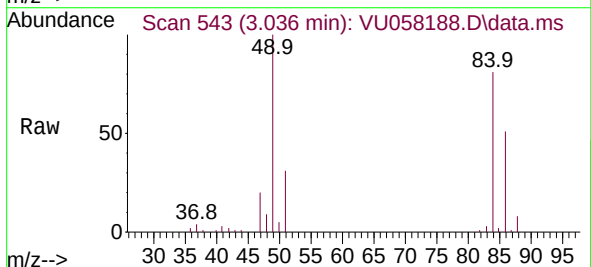
Tgt Ion: 84 Resp: 29705

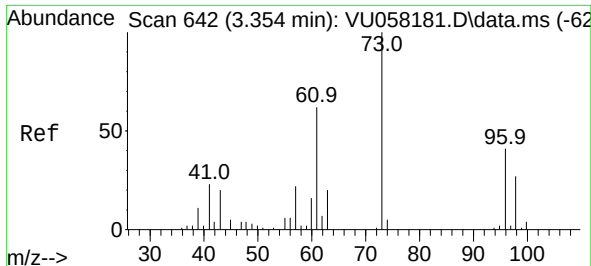
Ion Ratio Lower Upper

84 100

86 63.3 45.6 84.6

49 123.4 88.3 163.9

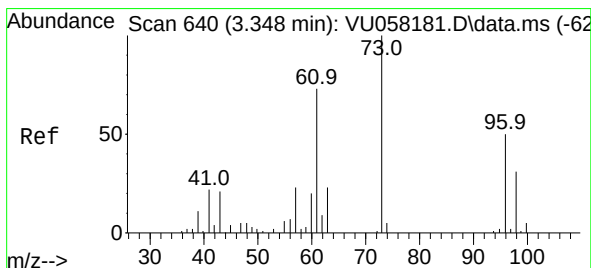
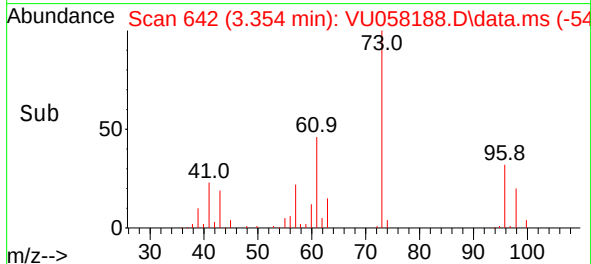
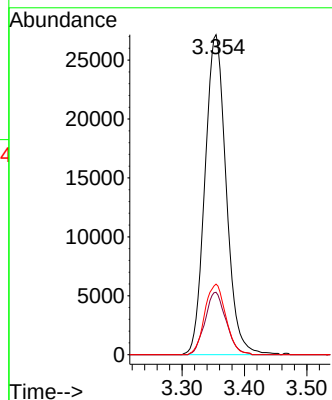
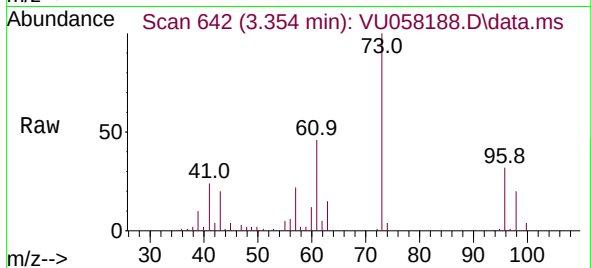




#17
Methyl tert-butyl Ether
Concen: 5.239 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU058188.D
Acq: 22 Mar 2024 12:20

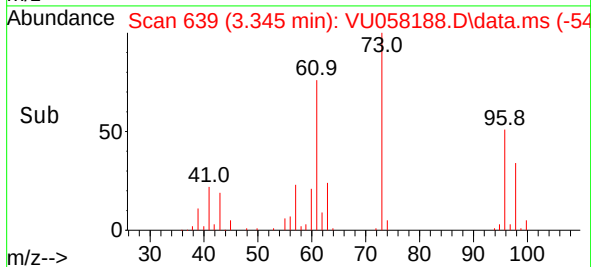
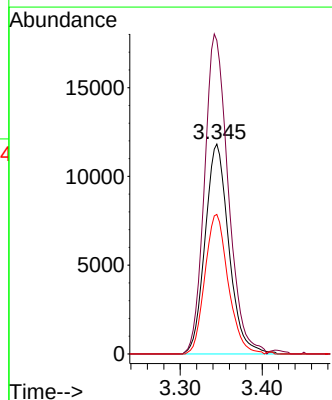
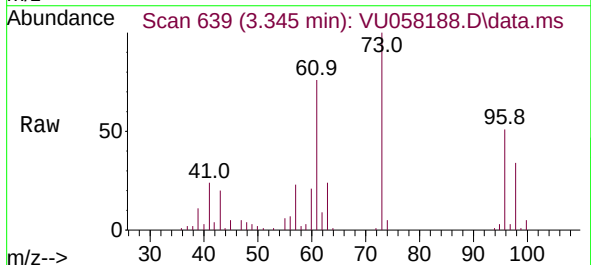
Instrument :
MSVOA_U
ClientSampleId :

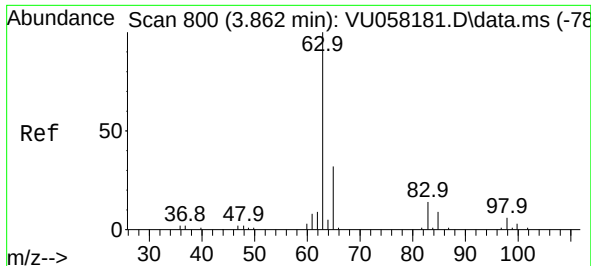
Tgt Ion: 73	Resp: 64211
Ion Ratio	Lower Upper
73 100	
43 19.4	15.5 23.3
57 22.0	18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 4.990 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU058188.D
Acq: 22 Mar 2024 12:20

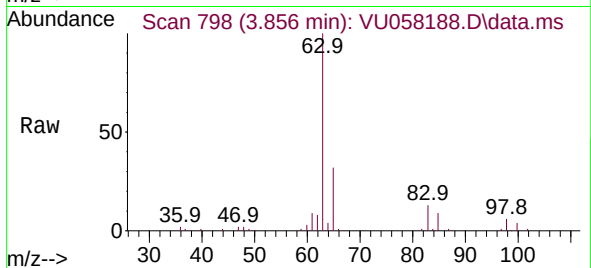
Tgt Ion: 96	Resp: 23815
Ion Ratio	Lower Upper
96 100	
61 149.4	102.5 190.3
98 66.4	44.0 81.8



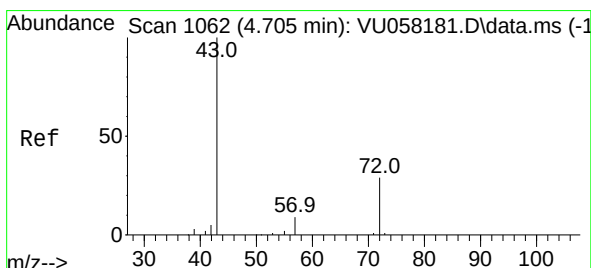
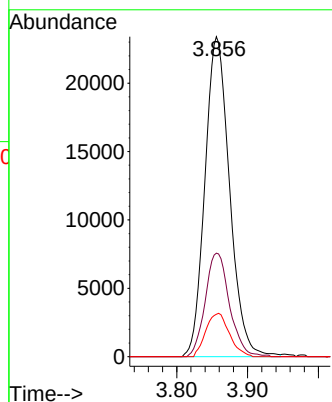
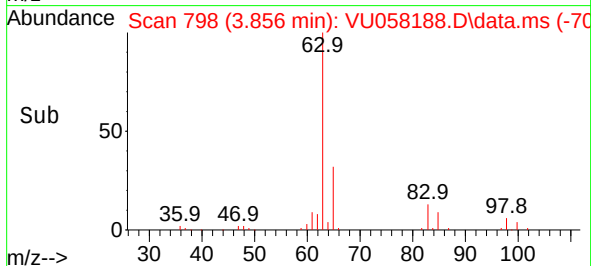


#19
1,1-Dichloroethane
Concen: 5.274 ug/L
RT: 3.856 min Scan# 70
Delta R.T. -0.007 min
Lab File: VU058188.D
Acq: 22 Mar 2024 12:20

Instrument :
MSVOA_U
ClientSampleId :

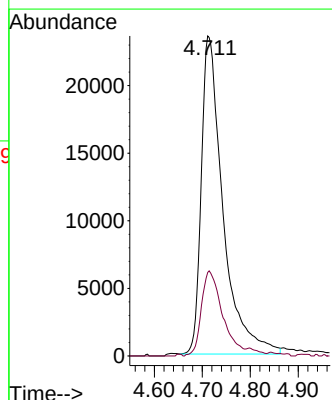
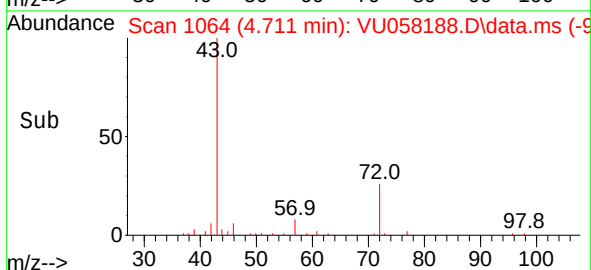
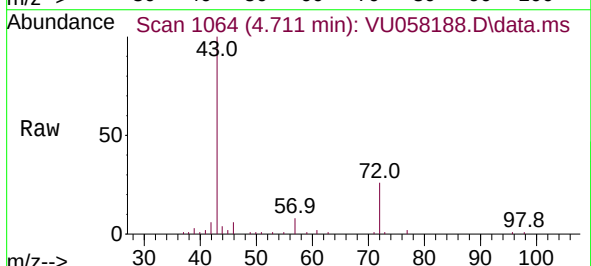


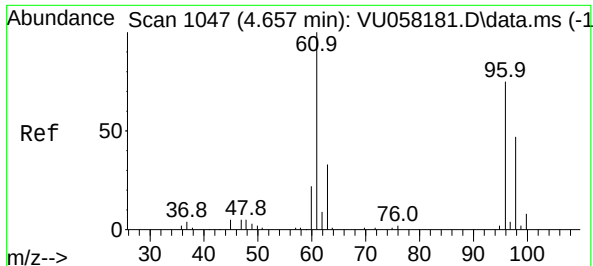
Tgt Ion: 63 Resp: 56560
Ion Ratio Lower Upper
63 100
65 32.3 22.3 41.5
83 13.3 10.0 18.6



#21
2-Butanone
Concen: 54.954 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VU058188.D
Acq: 22 Mar 2024 12:20

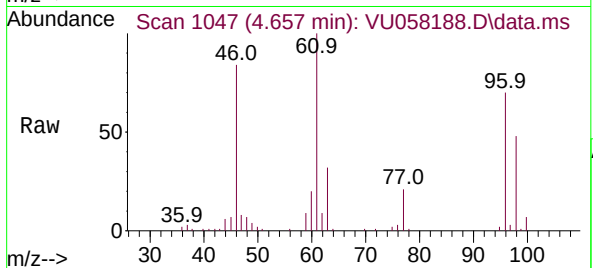
Tgt Ion: 43 Resp: 73896
Ion Ratio Lower Upper
43 100
72 25.9 14.0 41.9



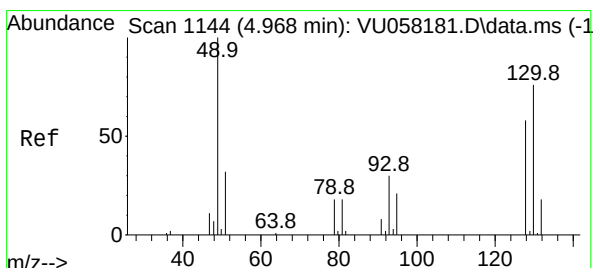
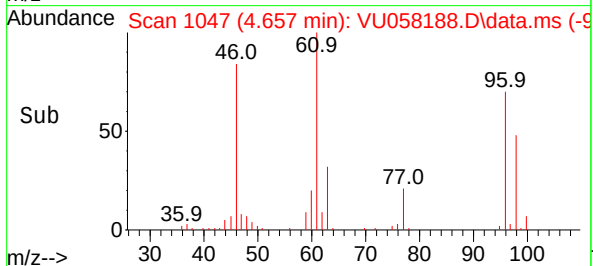
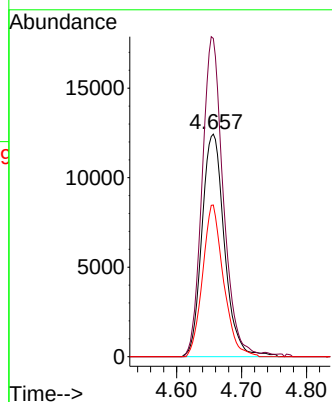


#22
 cis-1,2-Dichloroethene
 Concen: 5.086 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU058188.D
 Acq: 22 Mar 2024 12:20

Instrument :
 MSVOA_U
 ClientSampleId :

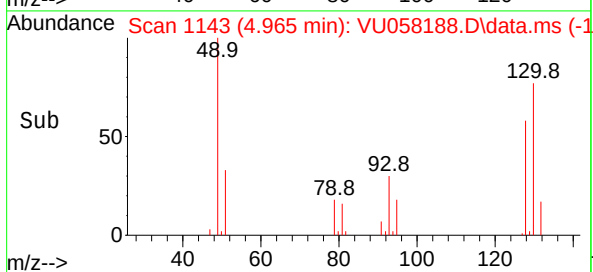
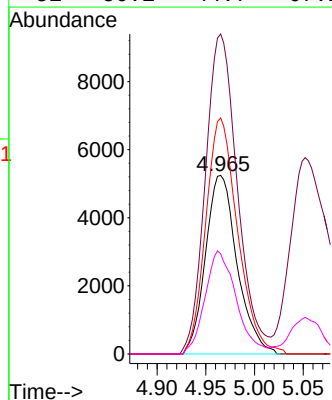
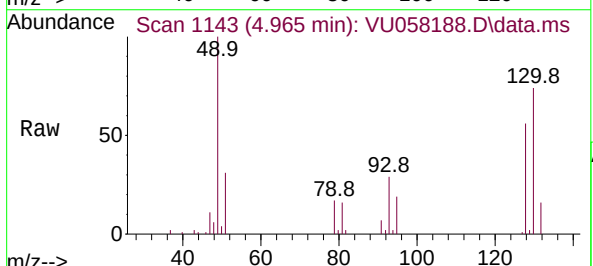


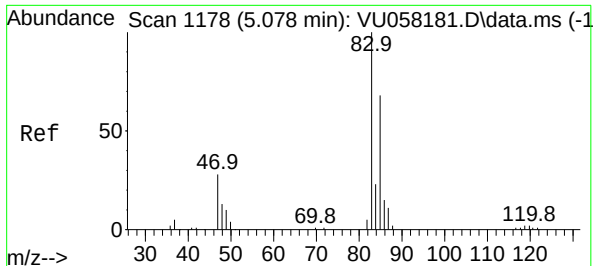
Tgt Ion: 96	Resp: 29993
Ion Ratio	Lower Upper
96	100
61	143.0 92.8 172.4
98	68.1 43.2 80.2



#23
 Bromochloromethane
 Concen: 5.370 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.003 min
 Lab File: VU058188.D
 Acq: 22 Mar 2024 12:20

Tgt Ion: 128	Resp: 11818
Ion Ratio	Lower Upper
128	100
49	179.2 125.0 232.2
130	132.2 92.3 171.5
51	56.1 44.7 67.1





#25

Chloroform

Concen: 5.147 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU058188.D

Acq: 22 Mar 2024 12:20

Instrument :

MSVOA_U

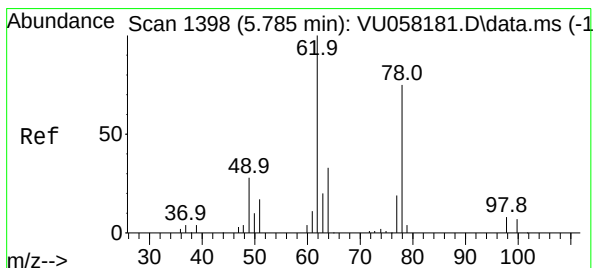
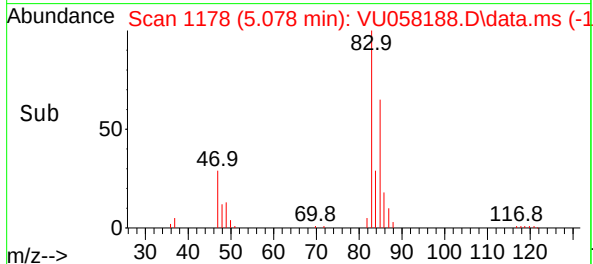
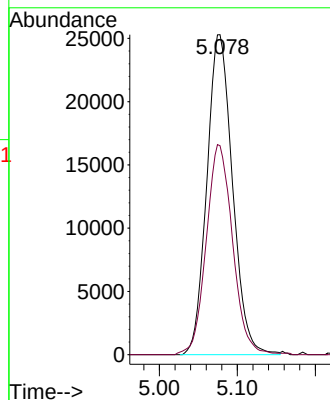
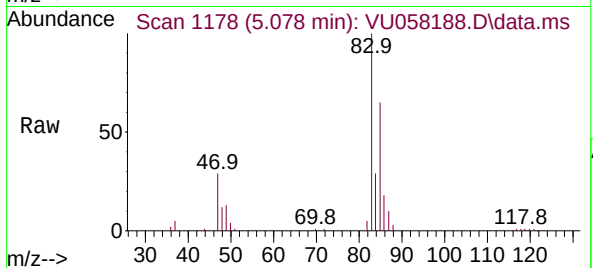
ClientSampleId :

Tgt Ion: 83 Resp: 57878

Ion Ratio Lower Upper

83 100

85 65.3 47.9 88.9



#27

1,2-Dichloroethane

Concen: 5.145 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU058188.D

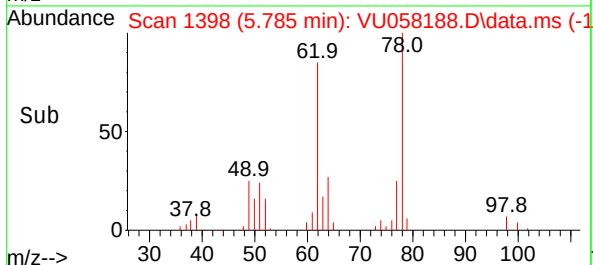
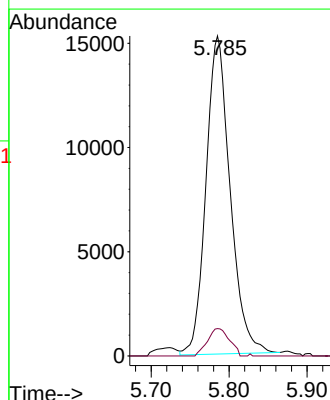
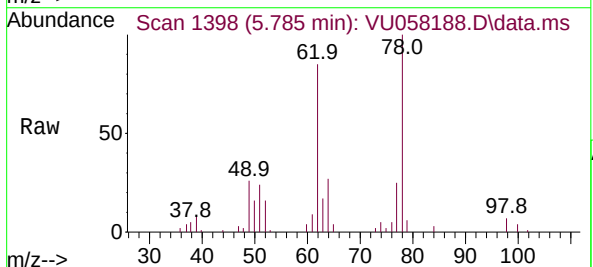
Acq: 22 Mar 2024 12:20

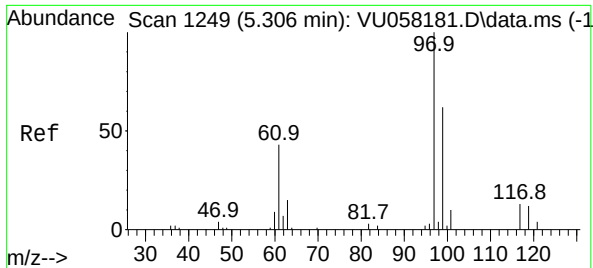
Tgt Ion: 62 Resp: 32846

Ion Ratio Lower Upper

62 100

98 8.5 6.6 10.0

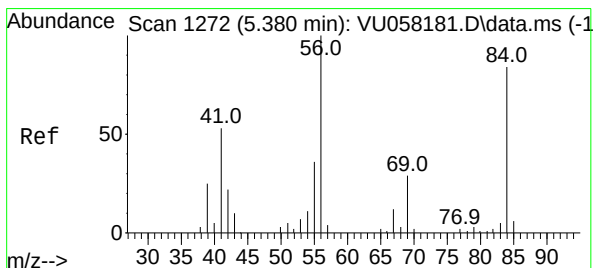
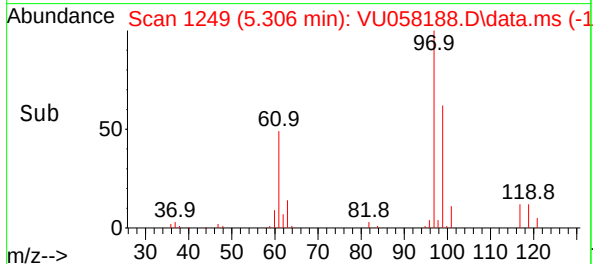
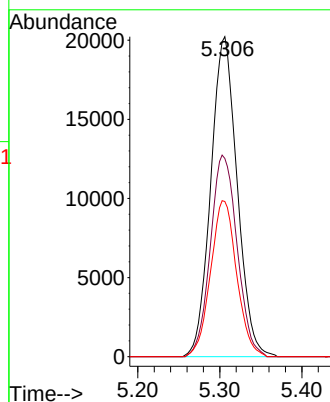
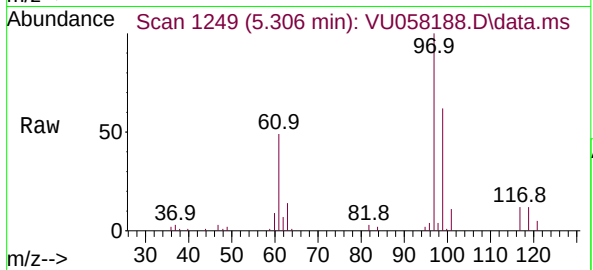




#29
1,1,1-Trichloroethane
Concen: 5.065 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU058188.D
Acq: 22 Mar 2024 12:20

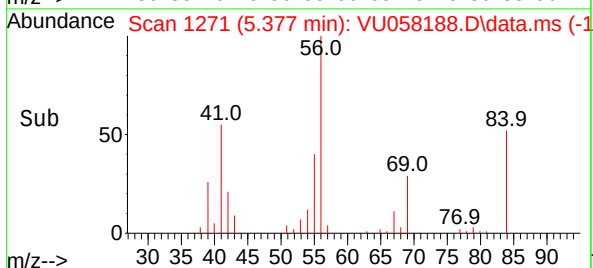
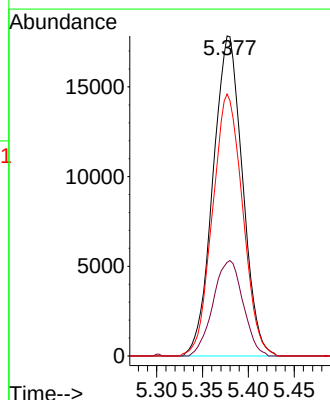
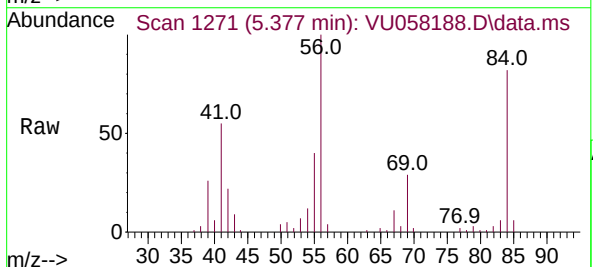
Instrument :
MSVOA_U
ClientSampleId :

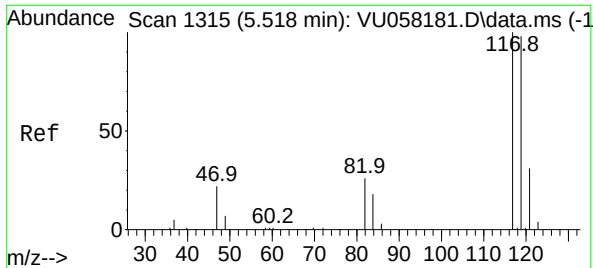
Tgt Ion: 97 Resp: 45280
Ion Ratio Lower Upper
97 100
99 63.8 50.5 75.7
61 48.2 36.3 54.5



#30
Cyclohexane
Concen: 5.110 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.003 min
Lab File: VU058188.D
Acq: 22 Mar 2024 12:20

Tgt Ion: 56 Resp: 39897
Ion Ratio Lower Upper
56 100
69 30.2 24.2 36.2
84 83.5 69.7 104.5

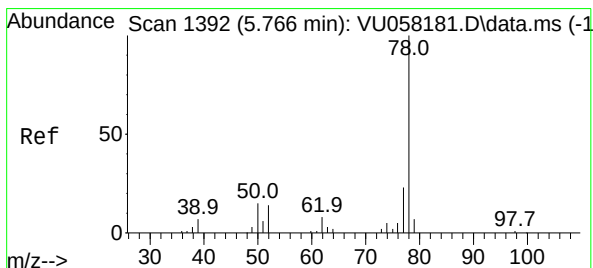
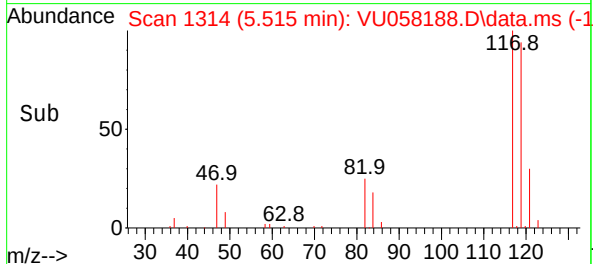
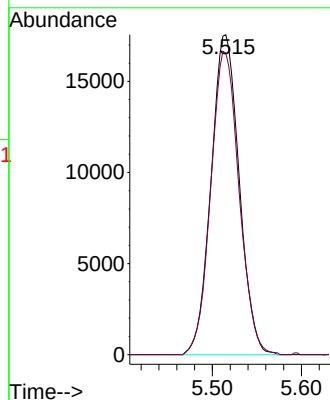
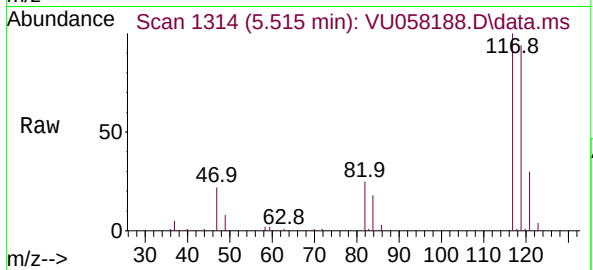




#31
Carbon tetrachloride
Concen: 5.047 ug/L
RT: 5.515 min Scan# 1315
Delta R.T. -0.003 min
Lab File: VU058188.D
Acq: 22 Mar 2024 12:20

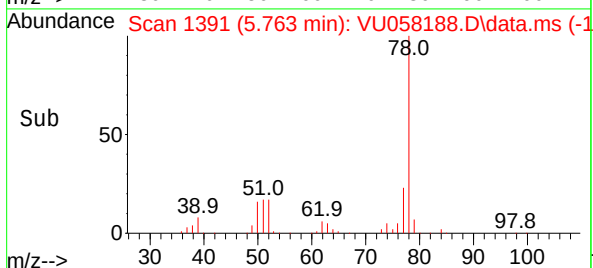
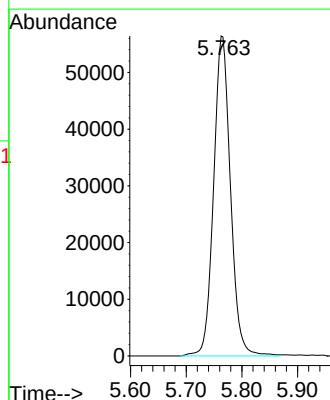
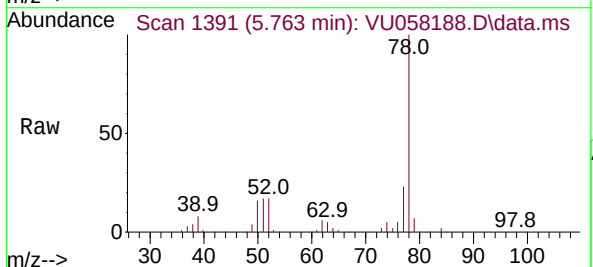
Instrument :
MSVOA_U
ClientSampleId :

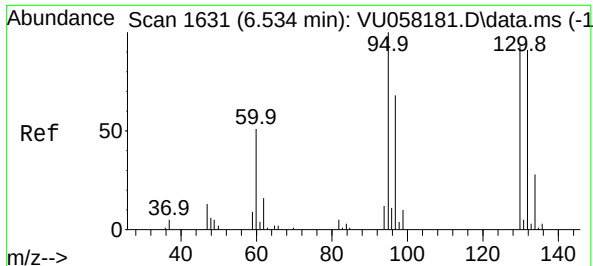
Tgt Ion:117 Resp: 38409
Ion Ratio Lower Upper
117 100
119 95.5 78.1 117.1



#33
Benzene
Concen: 5.234 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. -0.003 min
Lab File: VU058188.D
Acq: 22 Mar 2024 12:20

Tgt Ion: 78 Resp: 118854





#34

Trichloroethene

Concen: 5.187 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU058188.D

Acq: 22 Mar 2024 12:20

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 30684

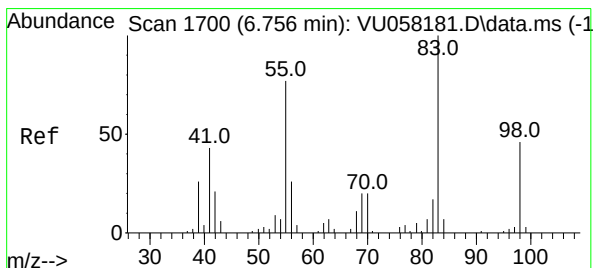
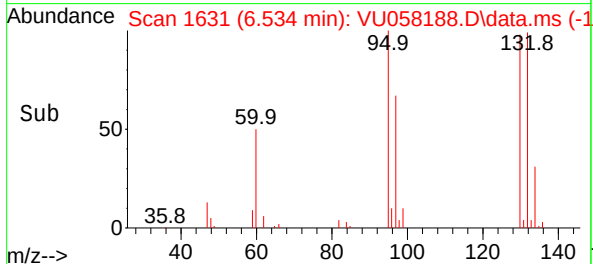
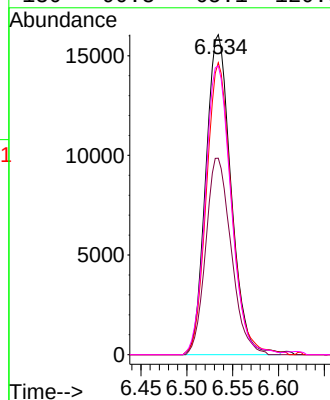
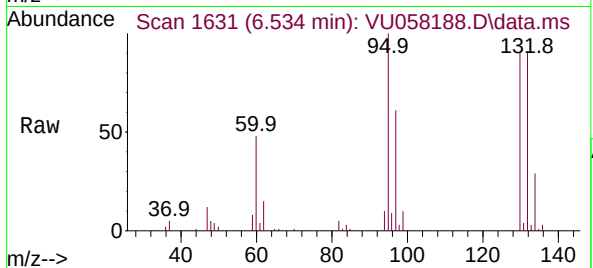
Ion Ratio Lower Upper

95 100

97 61.4 47.7 88.7

132 91.2 63.6 118.2

130 90.3 65.1 120.9



#35

Methylcyclohexane

Concen: 5.244 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VU058188.D

Acq: 22 Mar 2024 12:20

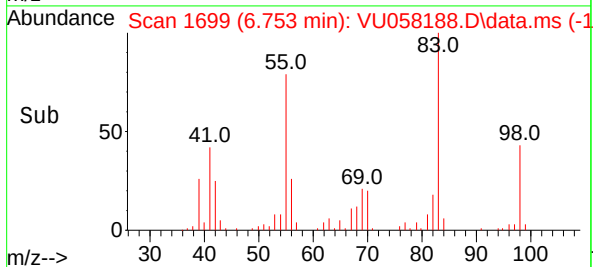
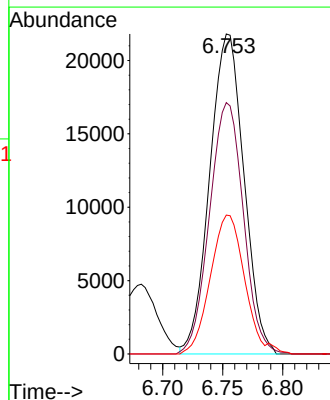
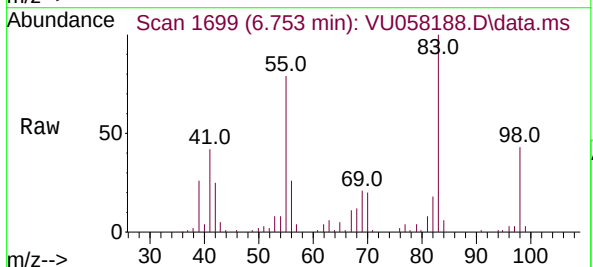
Tgt Ion: 83 Resp: 43270

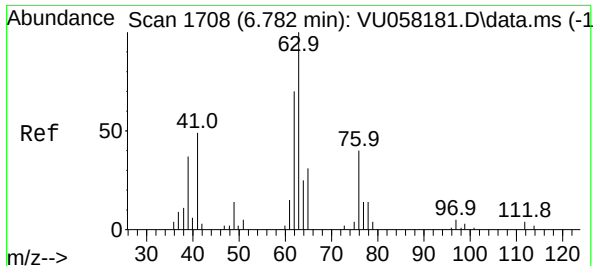
Ion Ratio Lower Upper

83 100

55 77.7 62.7 94.1

98 43.5 37.3 55.9

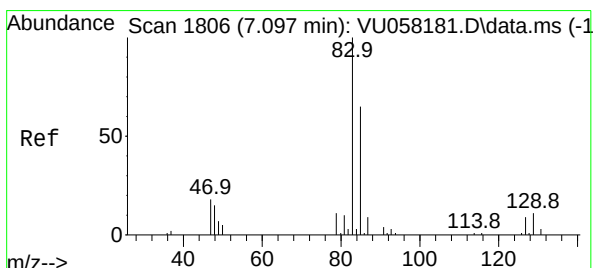
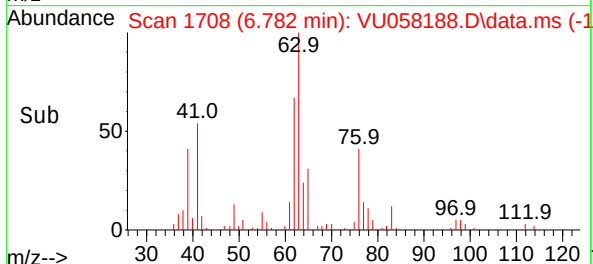
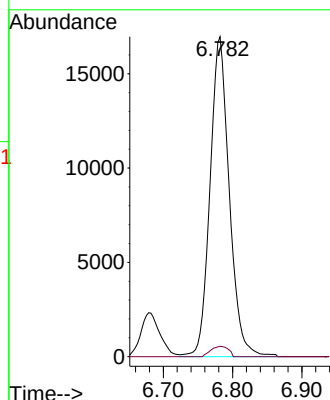
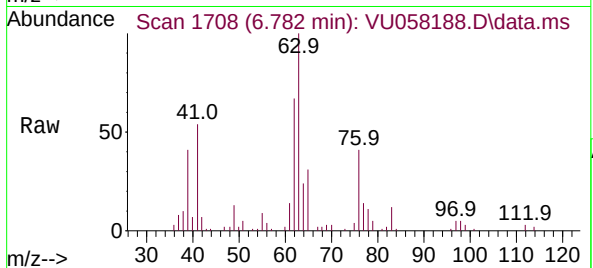




#37
1,2-Dichloropropane
Concen: 5.161 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU058188.D
Acq: 22 Mar 2024 12:20

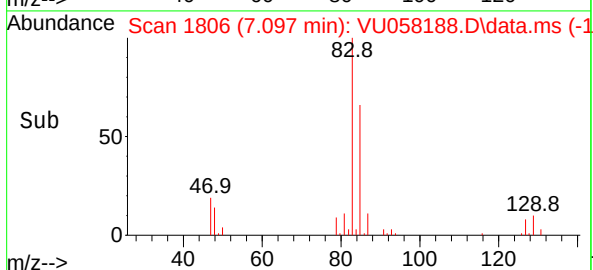
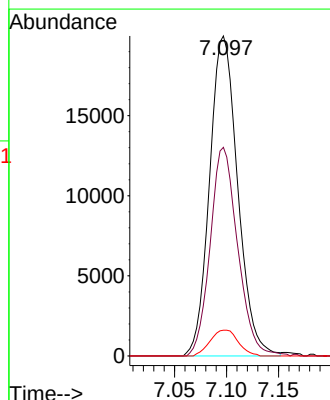
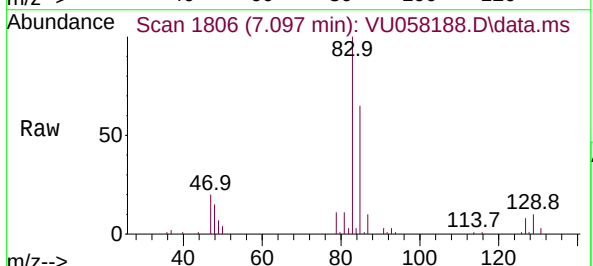
Instrument :
MSVOA_U
ClientSampleId :

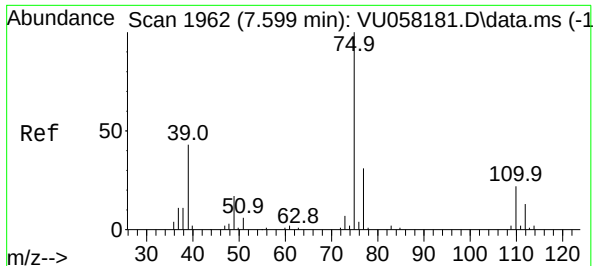
Tgt Ion: 63 Resp: 32741
Ion Ratio Lower Upper
63 100
112 3.0 2.7 4.1



#38
Bromodichloromethane
Concen: 5.175 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU058188.D
Acq: 22 Mar 2024 12:20

Tgt Ion: 83 Resp: 37629
Ion Ratio Lower Upper
83 100
85 65.2 45.6 84.8
127 8.0 7.1 10.7

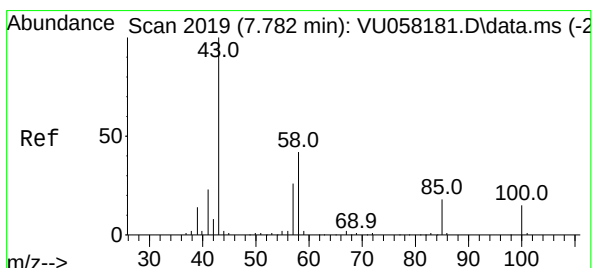
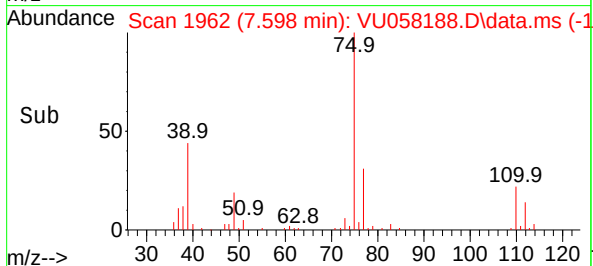
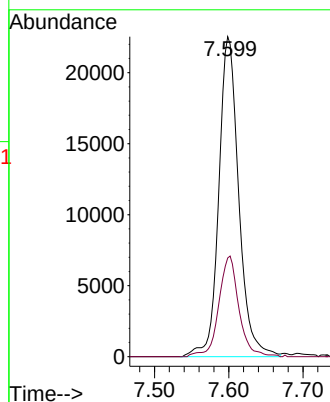
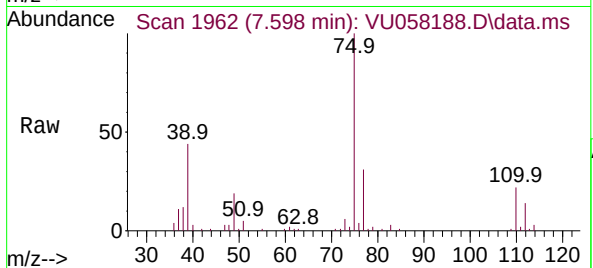




#39
 cis-1,3-Dichloropropene
 Concen: 5.241 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU058188.D
 Acq: 22 Mar 2024 12:20

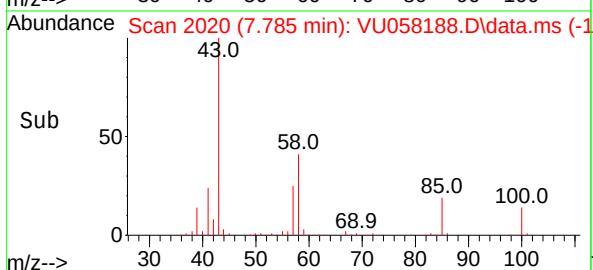
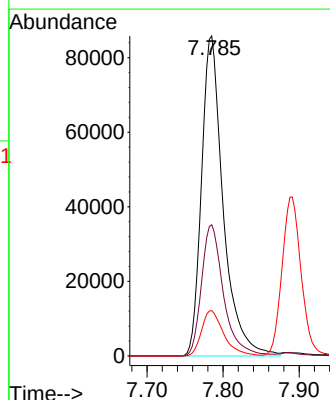
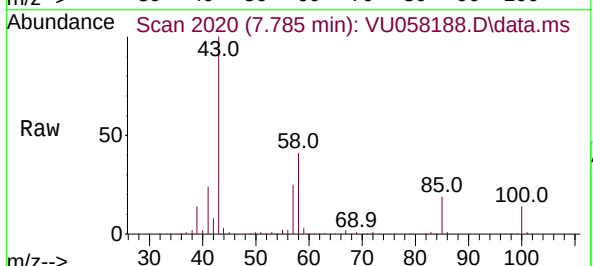
Instrument :
 MSVOA_U
 ClientSampleId :

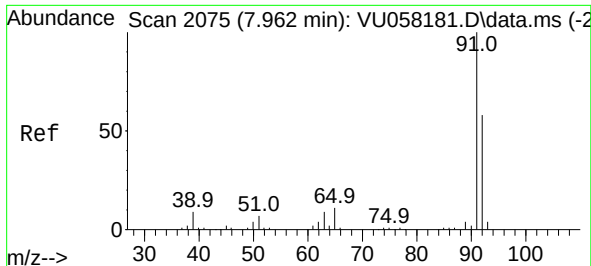
Tgt Ion: 75 Resp: 42169
 Ion Ratio Lower Upper
 75 100
 77 30.8 21.4 39.8



#40
 4-Methyl-2-pentanone
 Concen: 53.065 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.003 min
 Lab File: VU058188.D
 Acq: 22 Mar 2024 12:20

Tgt Ion: 43 Resp: 170210
 Ion Ratio Lower Upper
 43 100
 58 41.6 33.2 49.8
 100 14.6 11.5 17.3





#42

Toluene

Concen: 5.285 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU058188.D

Acq: 22 Mar 2024 12:20

Instrument :

MSVOA_U

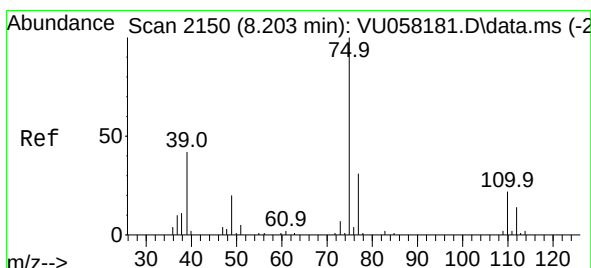
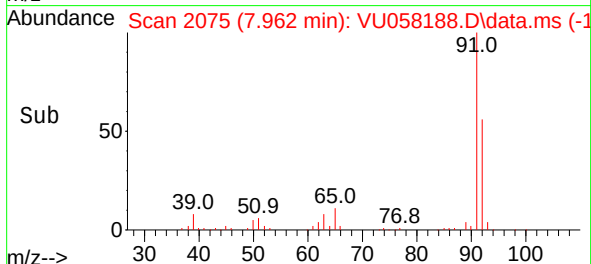
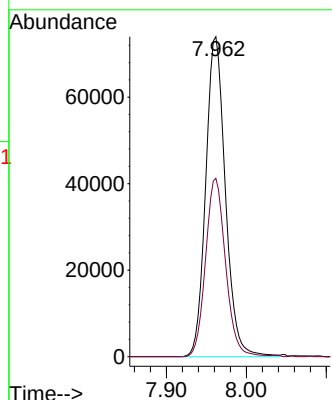
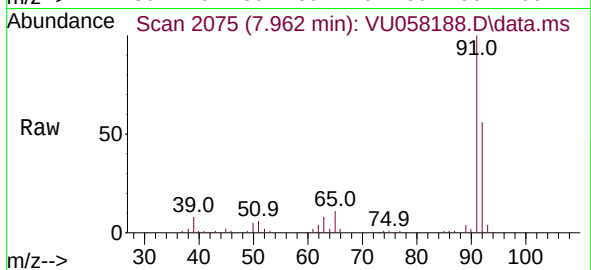
ClientSampleId :

Tgt Ion: 91 Resp: 126805

Ion Ratio Lower Upper

91 100

92 55.8 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 5.300 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU058188.D

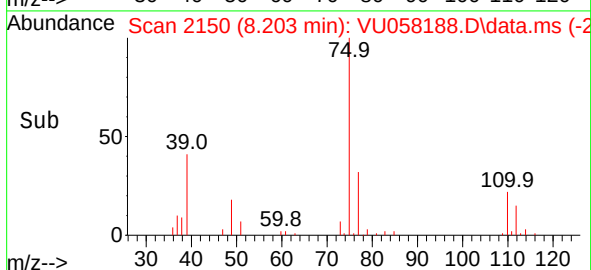
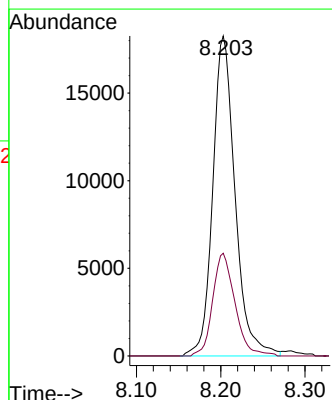
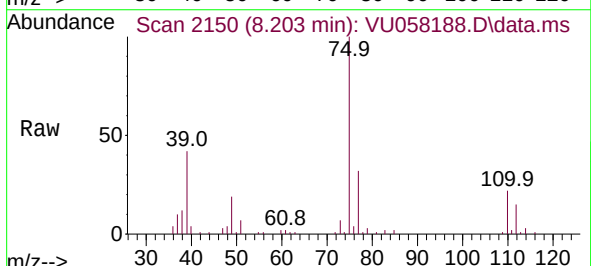
Acq: 22 Mar 2024 12:20

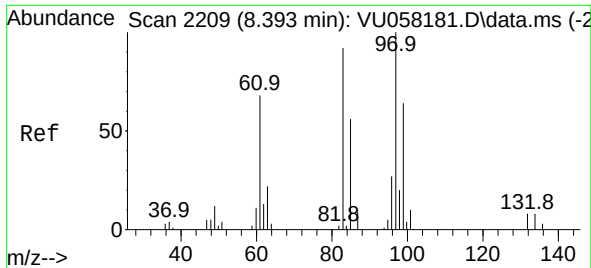
Tgt Ion: 75 Resp: 33553

Ion Ratio Lower Upper

75 100

77 32.1 21.7 40.3

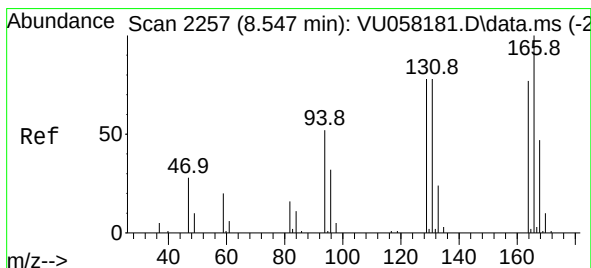
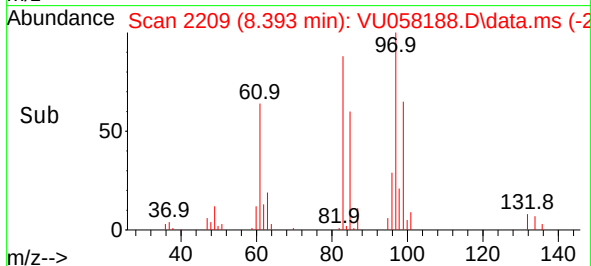
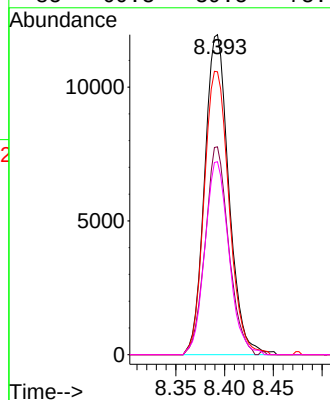
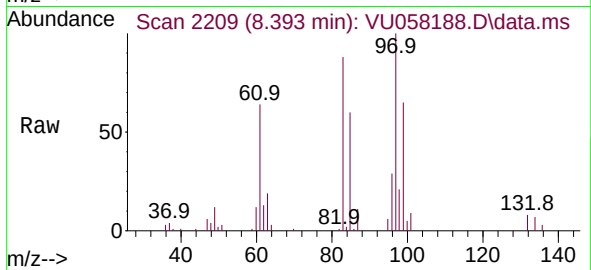




#45
1,1,2-Trichloroethane
Concen: 5.176 ug/L
RT: 8.393 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VU058188.D
Acq: 22 Mar 2024 12:20

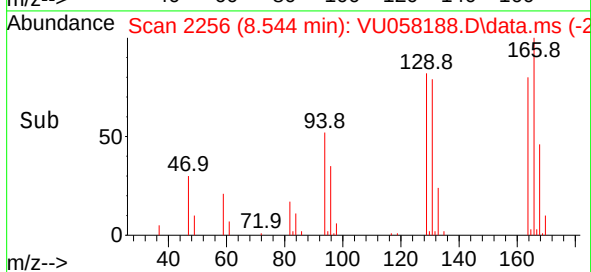
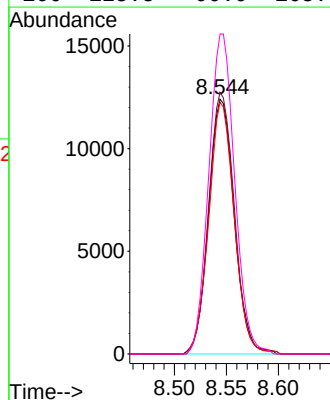
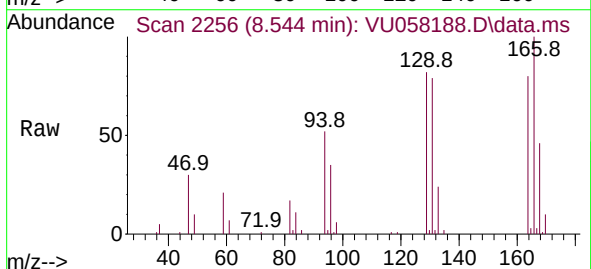
Instrument :
MSVOA_U
ClientSampleId :

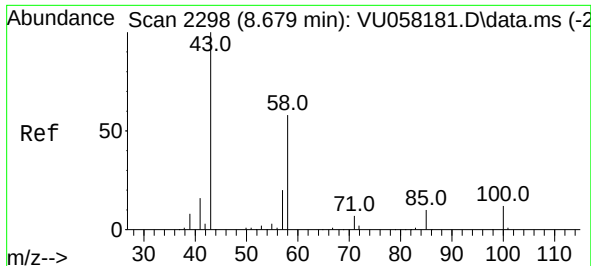
Tgt Ion:	97	Resp:	20682
Ion	Ratio	Lower	Upper
97	100		
99	65.0	44.5	82.7
83	88.4	64.1	119.1
85	60.3	39.5	73.4



#47
Tetrachloroethene
Concen: 5.395 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU058188.D
Acq: 22 Mar 2024 12:20

Tgt Ion:	164	Resp:	21379
Ion	Ratio	Lower	Upper
164	100		
129	102.7	71.3	132.3
131	98.8	70.8	131.4
166	125.5	90.9	168.9





#48

2-Hexanone

Concen: 57.021 ug/L

RT: 8.679 min Scan# 21

Delta R.T. -0.000 min

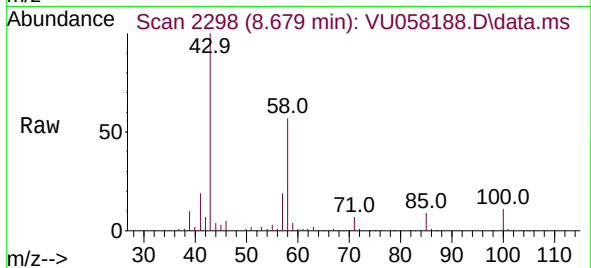
Lab File: VU058188.D

Acq: 22 Mar 2024 12:20

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 133196

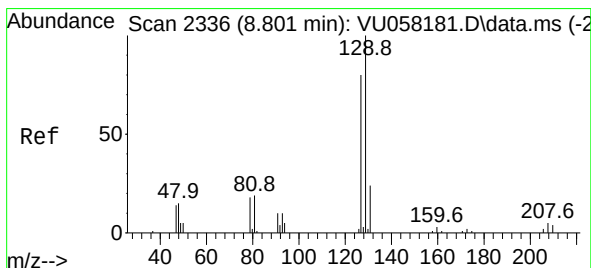
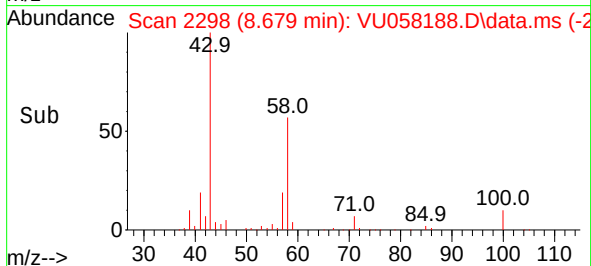
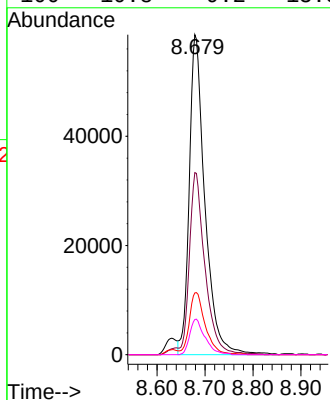
Ion Ratio Lower Upper

43 100

58 56.4 48.3 72.5

57 19.3 16.3 24.5

100 10.8 9.2 13.8



#49

Dibromochloromethane

Concen: 5.265 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VU058188.D

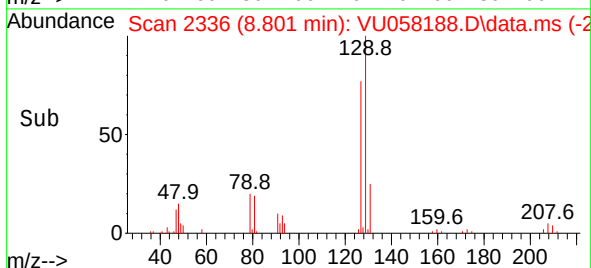
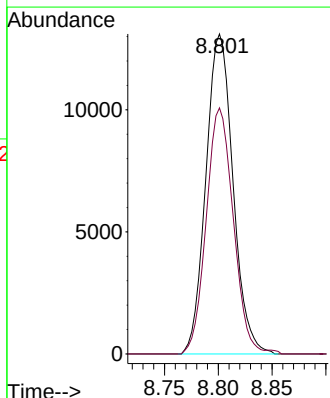
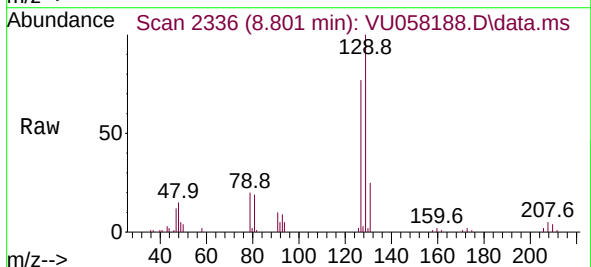
Acq: 22 Mar 2024 12:20

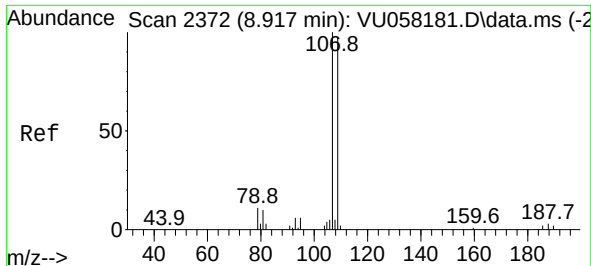
Tgt Ion: 129 Resp: 23018

Ion Ratio Lower Upper

129 100

127 76.9 55.7 103.5





#50

1,2-Dibromoethane

Concen: 5.290 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. -0.000 min

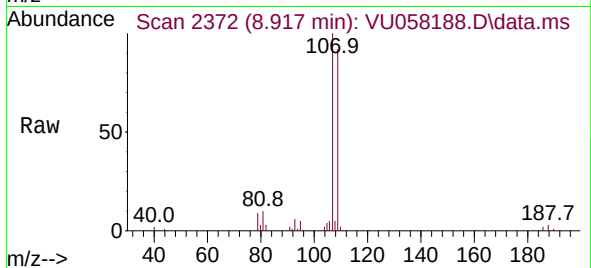
Lab File: VU058188.D

Acq: 22 Mar 2024 12:20

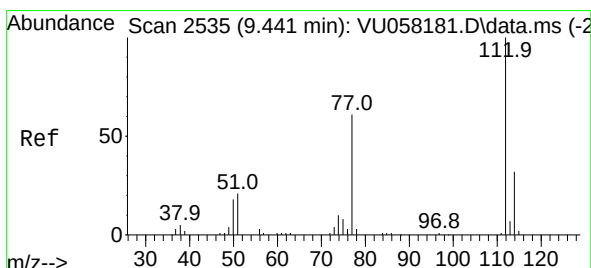
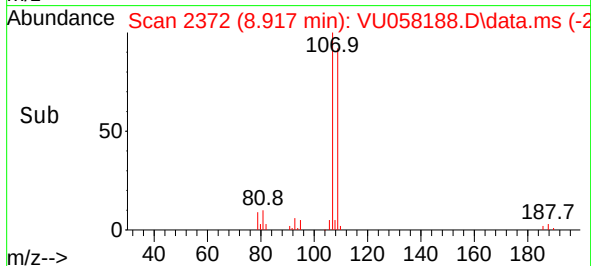
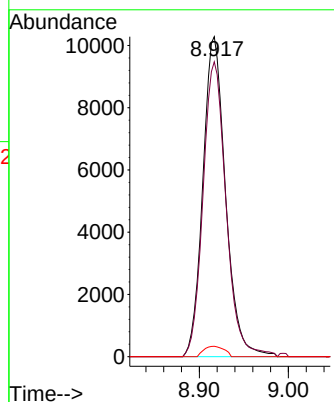
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	107	Resp:	18195
Ion	Ratio	Lower	Upper
107	100		
109	92.2	67.8	125.8
188	3.2	2.5	3.7



#51

Chlorobenzene

Concen: 5.223 ug/L

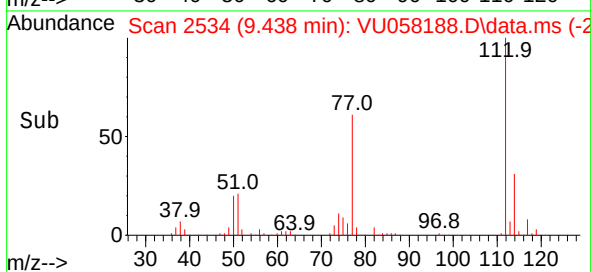
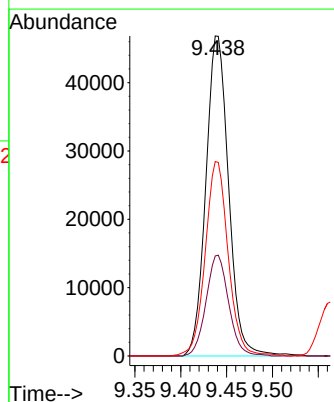
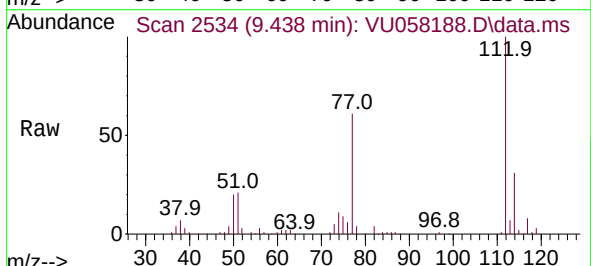
RT: 9.438 min Scan# 2534

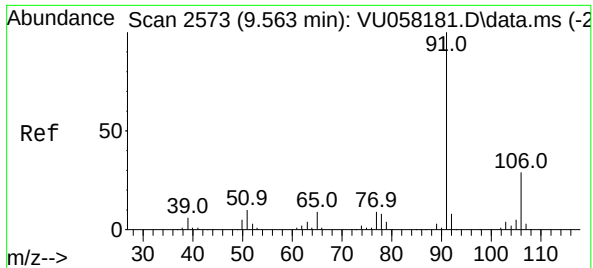
Delta R.T. -0.003 min

Lab File: VU058188.D

Acq: 22 Mar 2024 12:20

Tgt Ion:	112	Resp:	80737
Ion	Ratio	Lower	Upper
112	100		
114	31.2	22.7	42.3
77	60.8	48.9	73.3





#52

Ethylbenzene

Concen: 5.162 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. -0.000 min

Lab File: VU058188.D

Acq: 22 Mar 2024 12:20

Instrument :

MSVOA_U

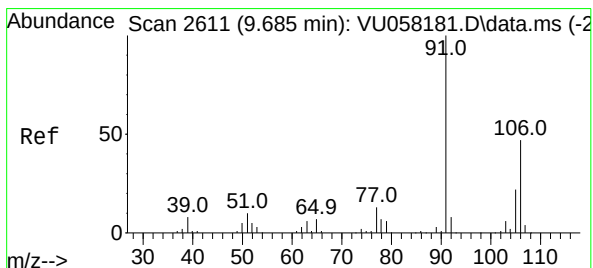
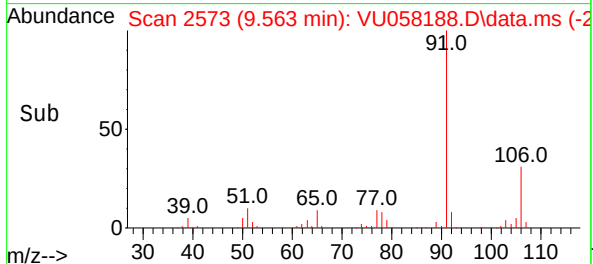
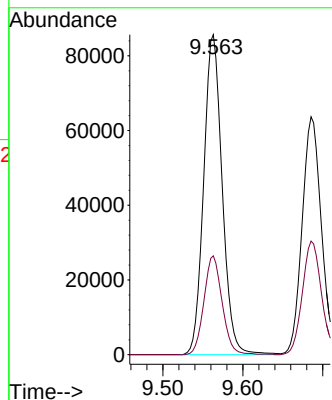
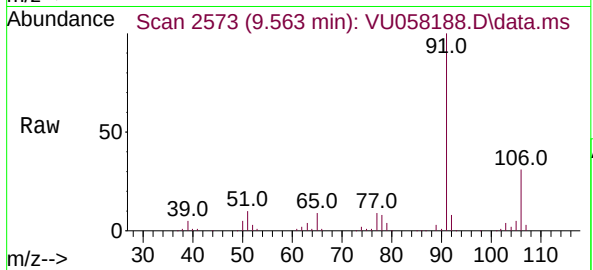
ClientSampleId :

Tgt Ion: 91 Resp: 138289

Ion Ratio Lower Upper

91 100

106 30.9 20.6 38.2



#53

m,p-Xylene

Concen: 5.322 ug/L

RT: 9.685 min Scan# 2611

Delta R.T. -0.000 min

Lab File: VU058188.D

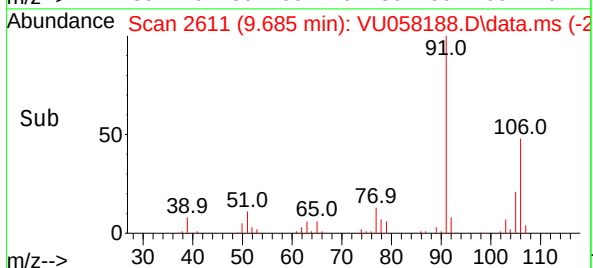
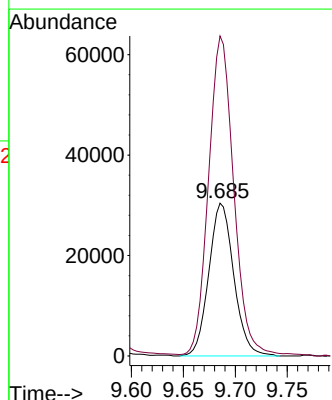
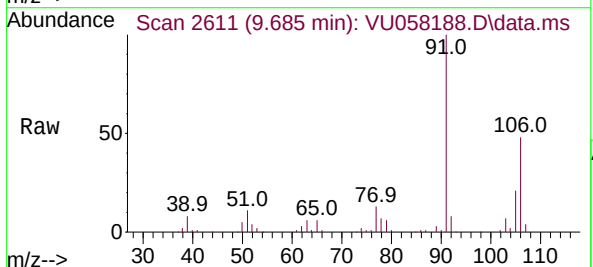
Acq: 22 Mar 2024 12:20

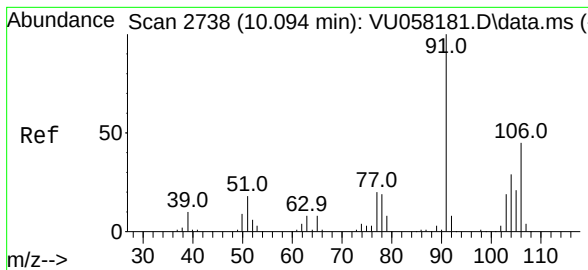
Tgt Ion:106 Resp: 50799

Ion Ratio Lower Upper

106 100

91 209.5 151.0 280.4

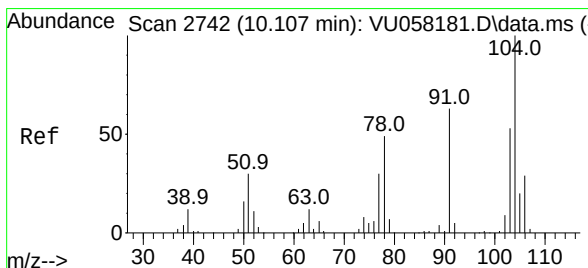
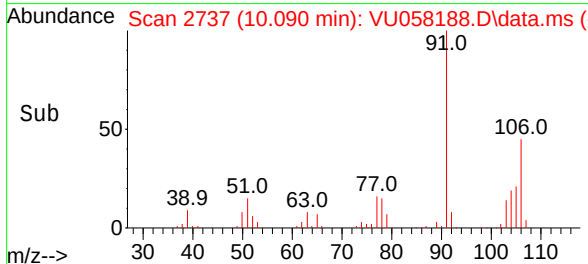
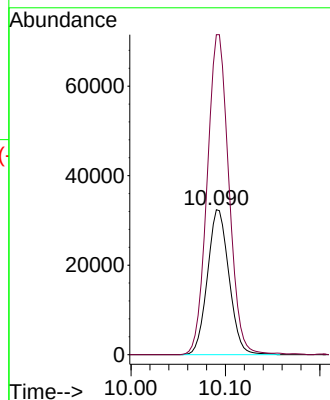
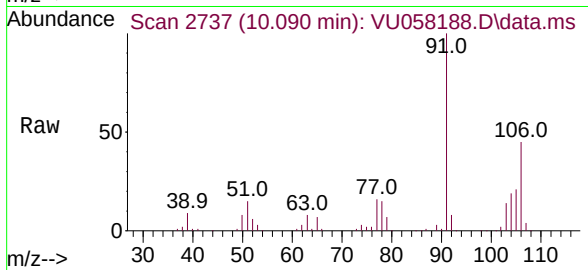




#54
o-Xylene
Concen: 5.328 ug/L
RT: 10.090 min Scan# 2738
Delta R.T. -0.003 min
Lab File: VU058188.D
Acq: 22 Mar 2024 12:20

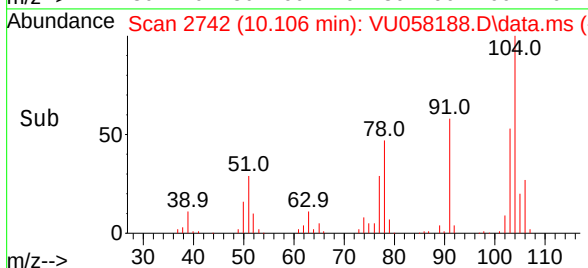
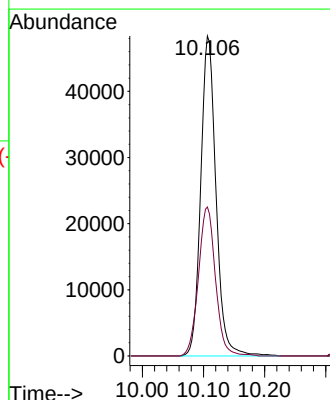
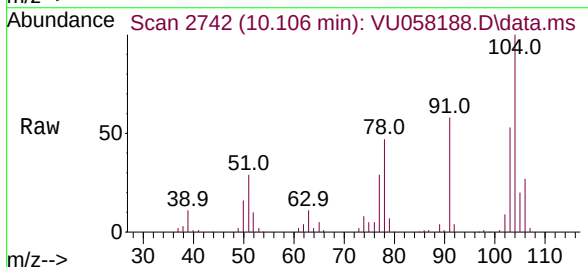
Instrument :
MSVOA_U
ClientSampleId :

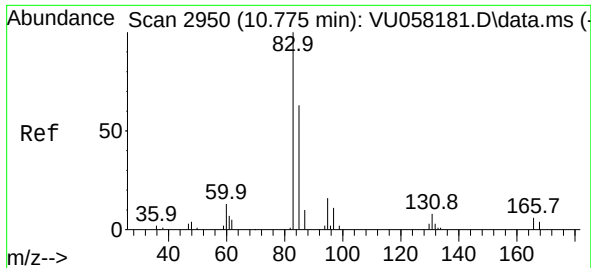
Tgt Ion:106 Resp: 51336
Ion Ratio Lower Upper
106 100
91 220.8 154.3 286.7



#55
Styrene
Concen: 5.521 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU058188.D
Acq: 22 Mar 2024 12:20

Tgt Ion:104 Resp: 84008
Ion Ratio Lower Upper
104 100
78 46.5 34.5 64.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.288 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU058188.D

Acq: 22 Mar 2024 12:20

Instrument :

MSVOA_U

ClientSampleId :

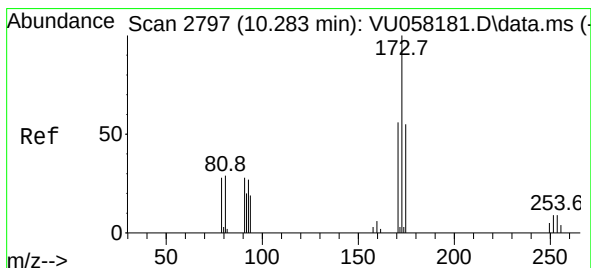
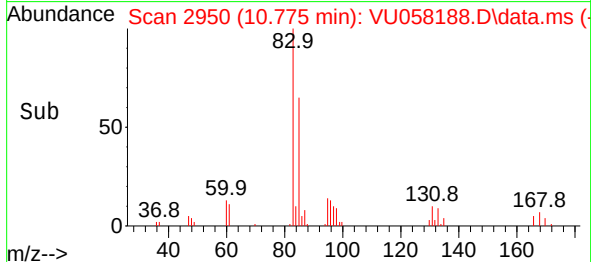
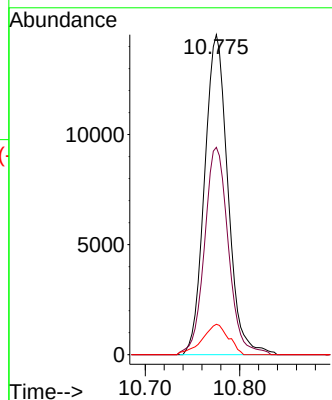
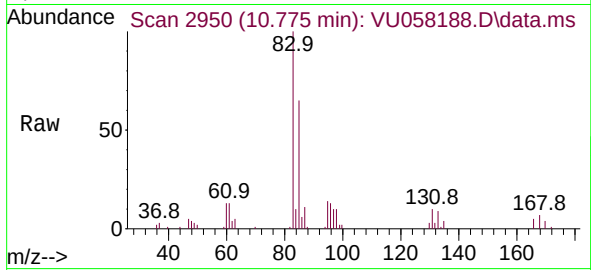
Tgt Ion: 83 Resp: 24904

Ion Ratio Lower Upper

83 100

85 64.8 44.7 82.9

131 9.5 7.0 10.6



#59

Bromoform

Concen: 5.342 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU058188.D

Acq: 22 Mar 2024 12:20

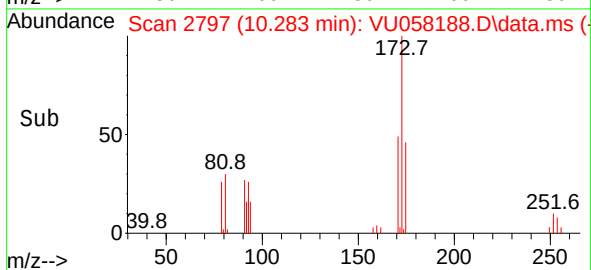
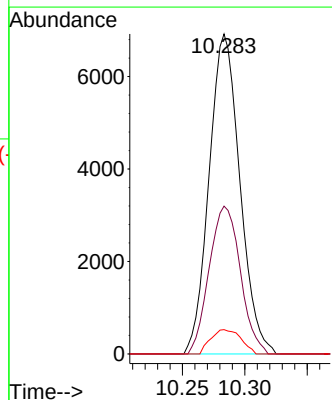
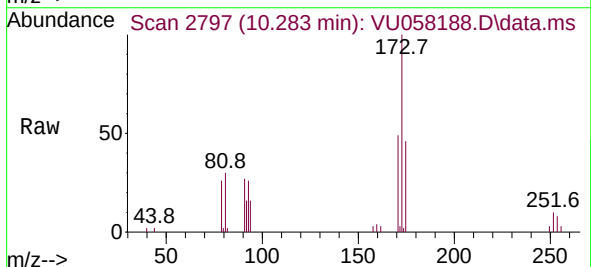
Tgt Ion:173 Resp: 11881

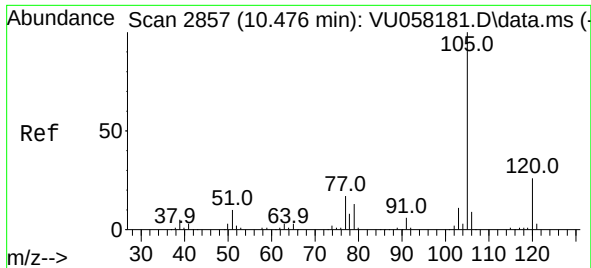
Ion Ratio Lower Upper

173 100

175 46.7 40.9 61.3

254 7.4 5.8 8.8

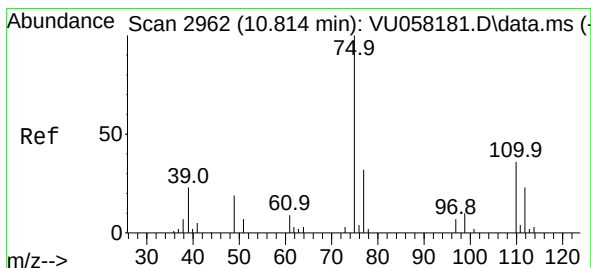
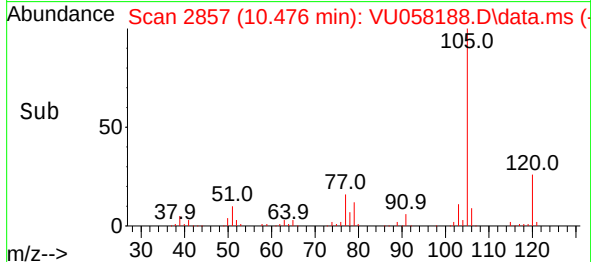
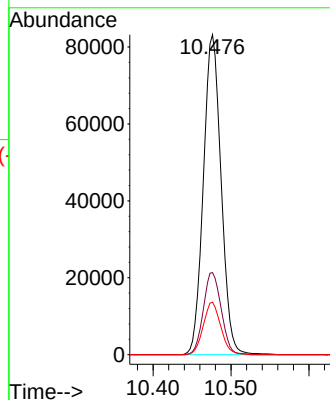
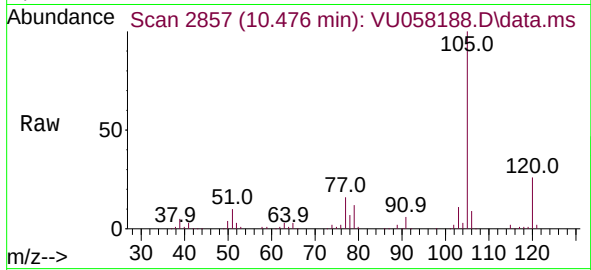




#60
Isopropylbenzene
Concen: 5.176 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU058188.D
Acq: 22 Mar 2024 12:20

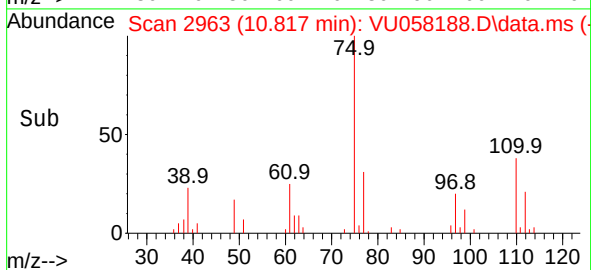
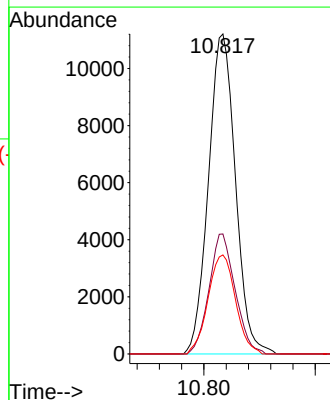
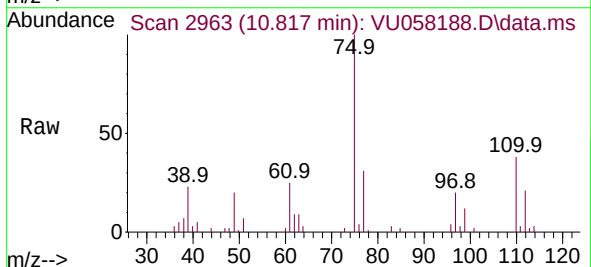
Instrument :
MSVOA_U
ClientSampleId :

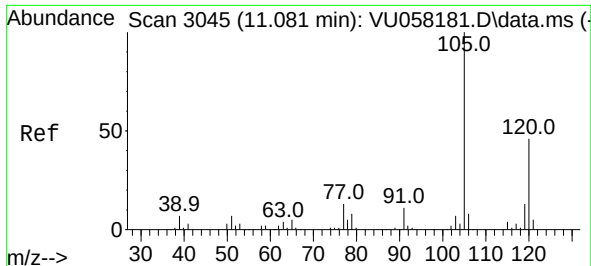
Tgt Ion:105 Resp: 131694
Ion Ratio Lower Upper
105 100
120 25.8 20.5 30.7
77 16.1 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 5.318 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU058188.D
Acq: 22 Mar 2024 12:20

Tgt Ion: 75 Resp: 18860
Ion Ratio Lower Upper
75 100
110 36.3 28.1 42.1
77 31.4 25.1 37.7





#62

1,3,5-Trimethylbenzene

Concen: 5.236 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU058188.D

Acq: 22 Mar 2024 12:20

Instrument :

MSVOA_U

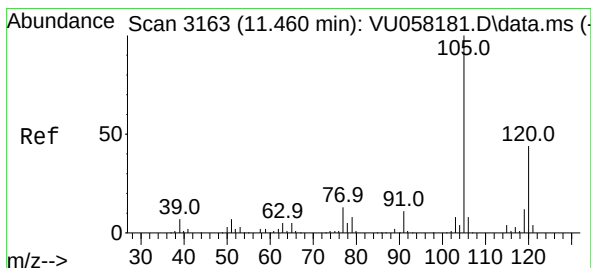
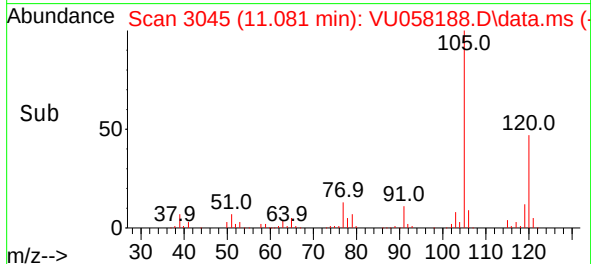
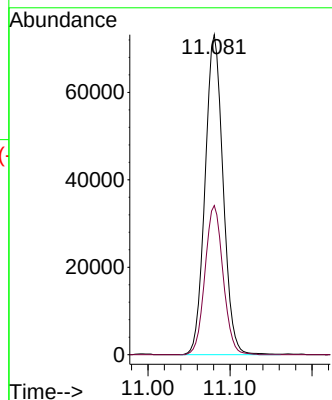
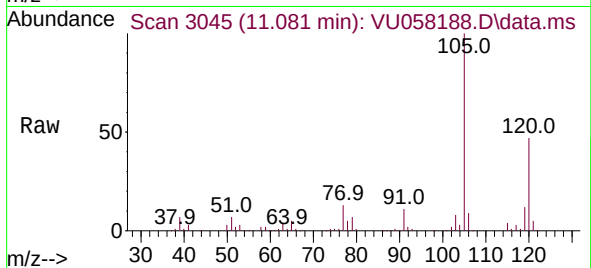
ClientSampleId :

Tgt Ion:105 Resp: 111800

Ion Ratio Lower Upper

105 100

120 46.9 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 5.262 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU058188.D

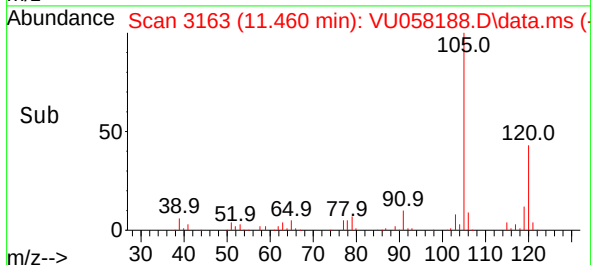
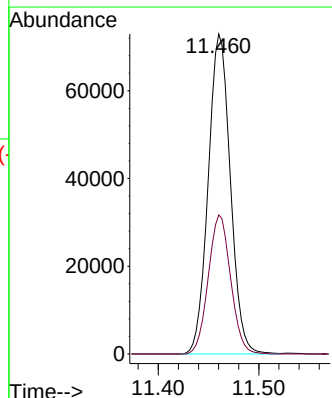
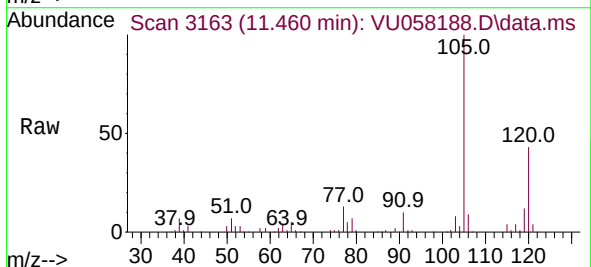
Acq: 22 Mar 2024 12:20

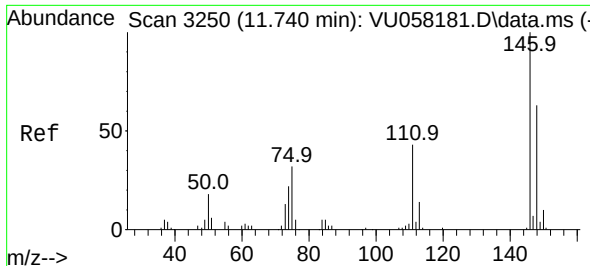
Tgt Ion:105 Resp: 111594

Ion Ratio Lower Upper

105 100

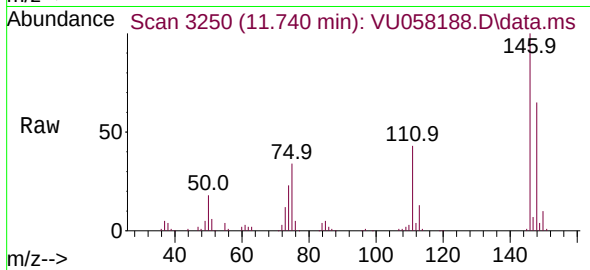
120 43.8 35.9 53.9



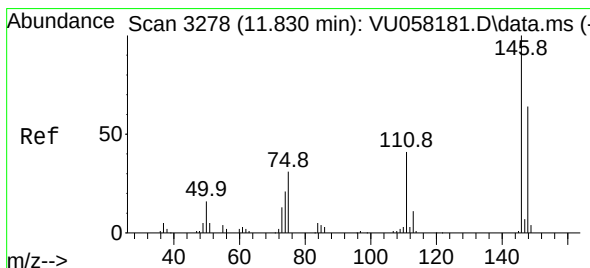
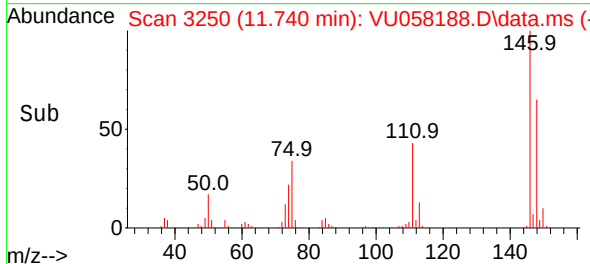
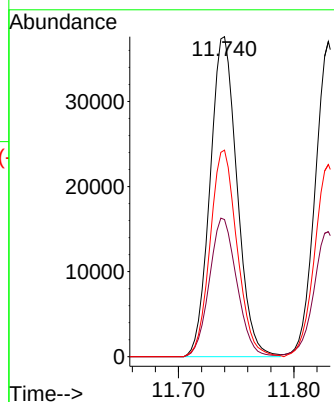


#64
1,3-Dichlorobenzene
Concen: 5.153 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU058188.D
Acq: 22 Mar 2024 12:20

Instrument :
MSVOA_U
ClientSampleId :

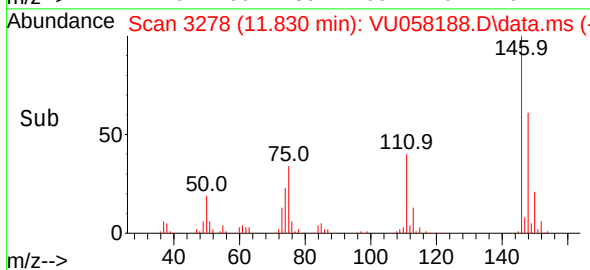
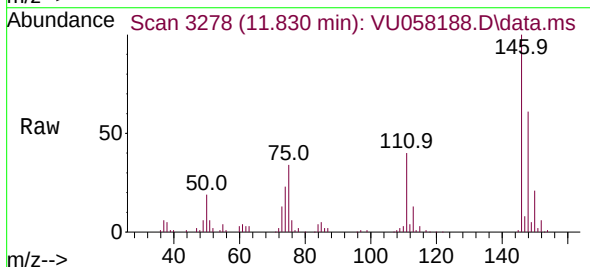
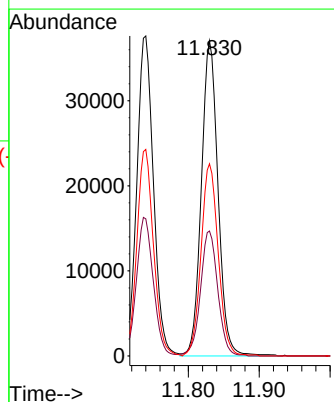


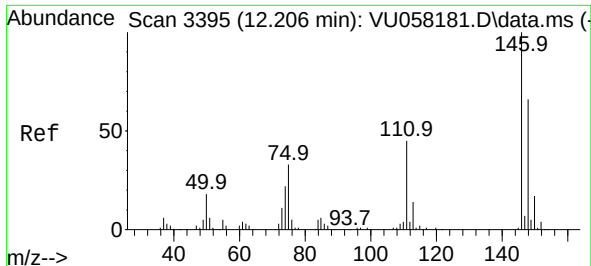
Tgt Ion:146 Resp: 61058
Ion Ratio Lower Upper
146 100
111 42.8 29.9 55.5
148 64.6 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 5.289 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU058188.D
Acq: 22 Mar 2024 12:20

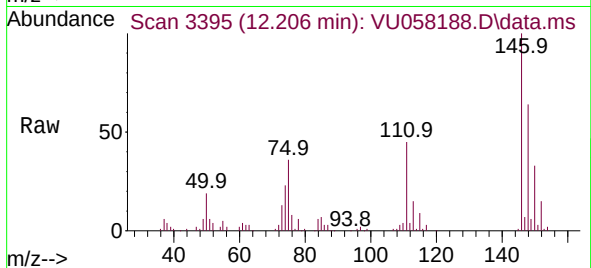
Tgt Ion:146 Resp: 60574
Ion Ratio Lower Upper
146 100
111 39.7 29.0 53.8
148 61.0 44.5 82.7



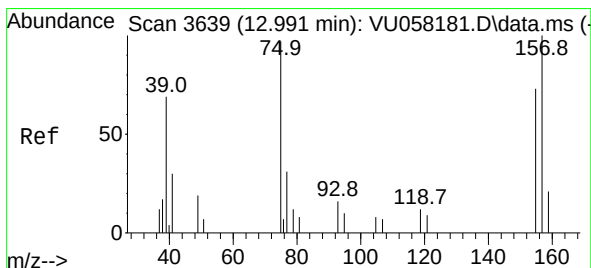
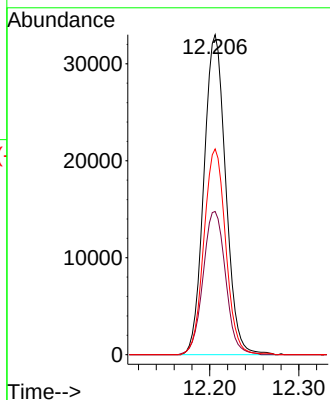
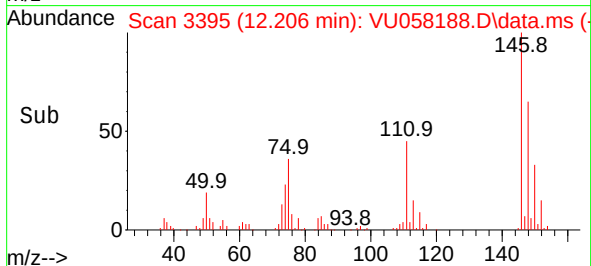


#67
1,2-Dichlorobenzene
Concen: 5.112 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. -0.000 min
Lab File: VU058188.D
Acq: 22 Mar 2024 12:20

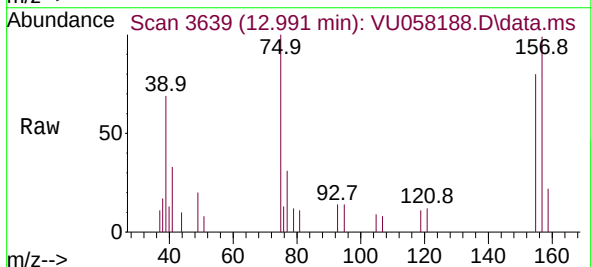
Instrument :
MSVOA_U
ClientSampleId :



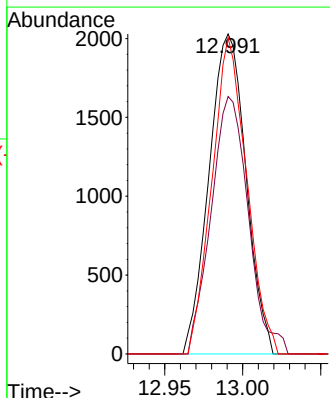
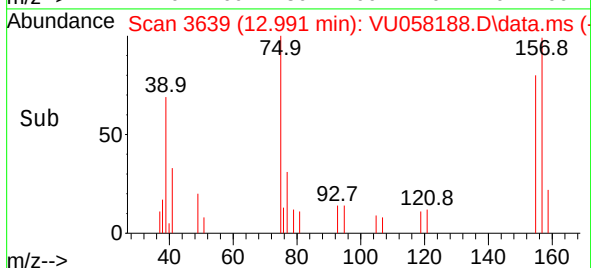
Tgt Ion:146 Resp: 56016
Ion Ratio Lower Upper
146 100
111 44.8 35.9 53.9
148 64.3 52.4 78.6

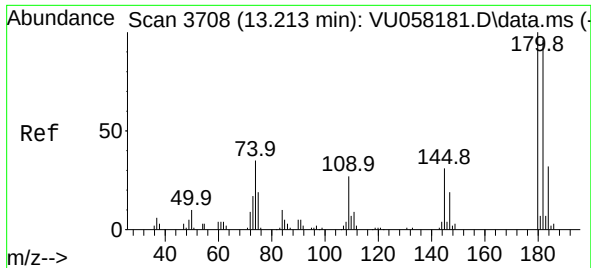


#68
1,2-Dibromo-3-chloropropane
Concen: 6.262 ug/L
RT: 12.991 min Scan# 3639
Delta R.T. -0.000 min
Lab File: VU058188.D
Acq: 22 Mar 2024 12:20



Tgt Ion: 75 Resp: 3349
Ion Ratio Lower Upper
75 100
155 80.4 60.2 90.2
157 98.9 82.6 123.8





#69

1,3,5-Trichlorobenzene

Concen: 5.269 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.000 min

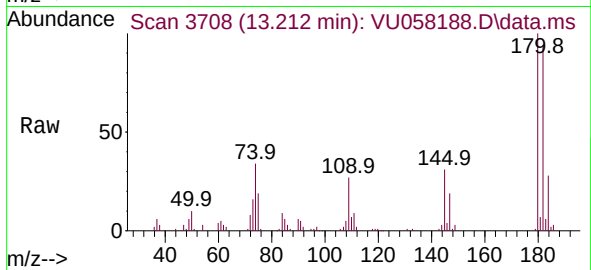
Lab File: VU058188.D

Acq: 22 Mar 2024 12:20

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 43655

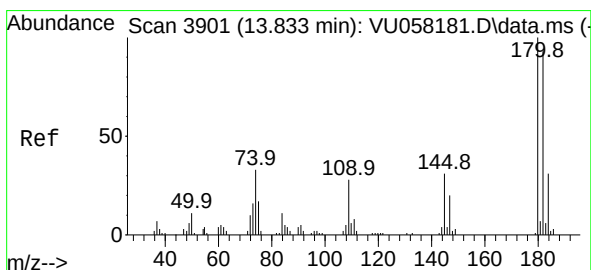
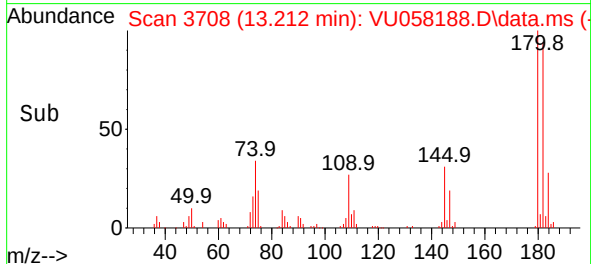
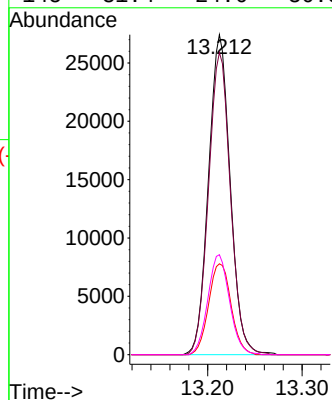
Ion Ratio Lower Upper

180 100

182 95.3 75.4 113.0

184 29.4 24.8 37.2

145 31.4 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 5.164 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU058188.D

Acq: 22 Mar 2024 12:20

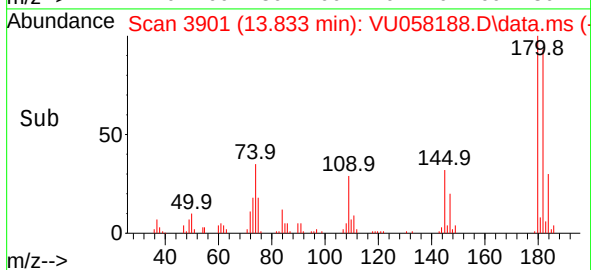
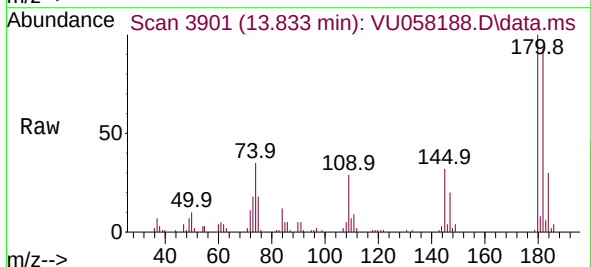
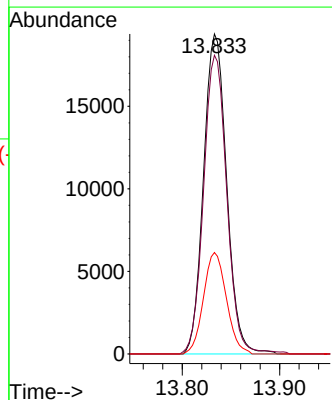
Tgt Ion:180 Resp: 31912

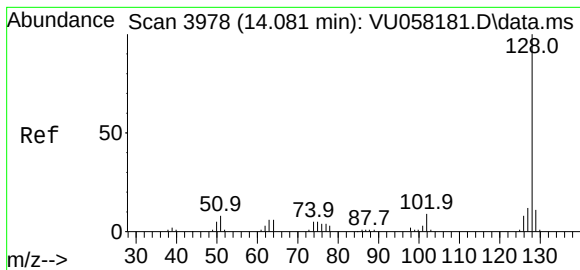
Ion Ratio Lower Upper

180 100

182 94.1 74.5 111.7

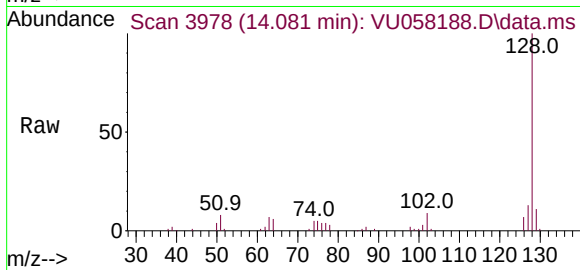
145 31.5 24.5 36.7



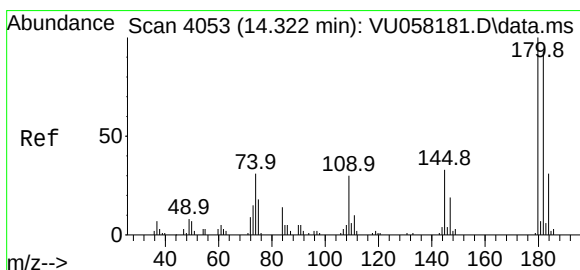
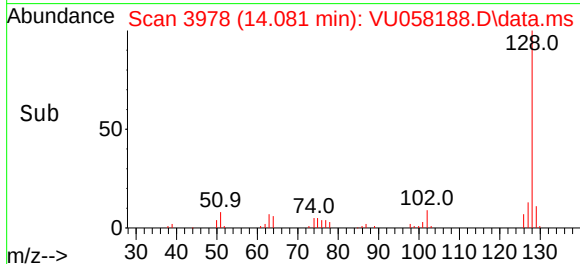
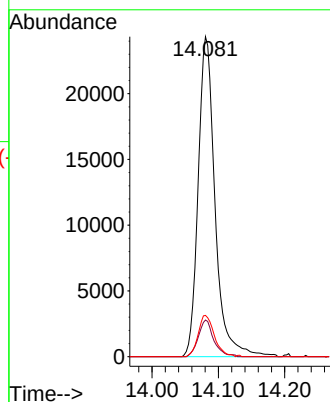


#71
Naphthalene
Concen: 5.111 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU058188.D
Acq: 22 Mar 2024 12:20

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 43018
Ion Ratio Lower Upper
128 100
129 10.5 8.1 12.1
127 12.4 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.117 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU058188.D
Acq: 22 Mar 2024 12:20

Tgt Ion:180 Resp: 25893
Ion Ratio Lower Upper
180 100
182 97.2 74.4 111.6
145 33.7 26.3 39.5

