

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032524\
 Data File : VU058210.D
 Acq On : 25 Mar 2024 14:26
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 26 01:32:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 22 23:43:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	73447	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	70560	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	32584	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	26837	4.324	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.400%
7) Chloroethane-d5	1.911	69	24439	4.824	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.563	65	11346	4.403	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.000%
20) 2-Butanone-d5	4.628	46	54995	49.875	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.740%
24) Chloroform-d	5.055	84	53922	4.859	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.695	65	25409	4.898	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.721	84	104399	4.555	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.682	67	32575	4.823	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.891	98	93732	4.617	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	8.174	79	10806	4.993	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.800%
46) 2-Hexanone-d5	8.627	63	41743	47.627	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.260%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	22015	5.003	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	29232	4.818	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	14906	4.927	ug/L	97
3) Chloromethane	1.515	50	18175	4.713	ug/L	98
5) Vinyl chloride	1.602	62	21202	5.035	ug/L	99
6) Bromomethane	1.856	94	12097	5.356	ug/L	99
8) Chloroethane	1.930	64	14897	5.365	ug/L	99
9) Trichlorofluoromethane	2.136	101	34864	5.095	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	22126	5.038	ug/L	99
12) 1,1-Dichloroethene	2.576	96	18477	5.018	ug/L	89
13) Acetone	2.650	43	34652	48.557	ug/L	98
14) Carbon disulfide	2.788	76	40219	4.889	ug/L	99
15) Methyl Acetate	2.956	43	7235	4.884	ug/L	99
16) Methylene chloride	3.039	84	23777	4.557	ug/L	96
17) Methyl tert-butyl Ether	3.354	73	48363	4.894	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	19096	4.962	ug/L	99
19) 1,1-Dichloroethane	3.862	63	43791	5.065	ug/L	97
21) 2-Butanone	4.711	43	50216	46.316	ug/L	97
22) cis-1,2-Dichloroethene	4.657	96	24422	5.136	ug/L	93
23) Bromochloromethane	4.968	128	9592	5.406	ug/L	95
25) Chloroform	5.078	83	45448	5.012	ug/L	98

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Quant Time: Mar 26 01:32:59 2024
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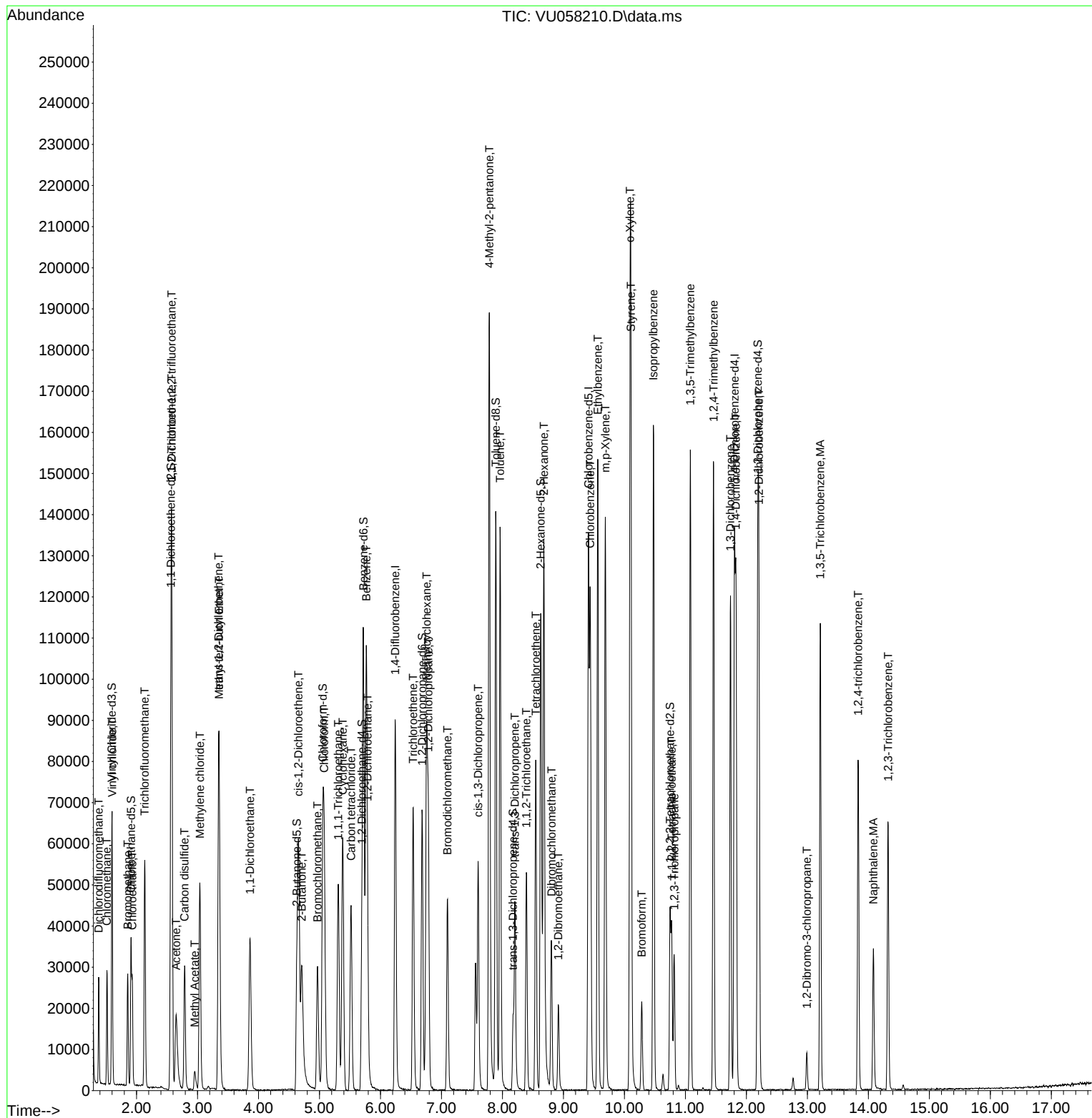
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	25397	4.934	ug/L	95
29) 1,1,1-Trichloroethane	5.309	97	36319	4.978	ug/L	99
30) Cyclohexane	5.383	56	29712	4.663	ug/L	99
31) Carbon tetrachloride	5.518	117	30387	4.893	ug/L	100
33) Benzene	5.769	78	93942	5.069	ug/L	100
34) Trichloroethene	6.534	95	23830	4.936	ug/L	97
35) Methylcyclohexane	6.756	83	32701	4.857	ug/L	99
37) 1,2-Dichloropropane	6.785	63	26124	5.046	ug/L	99
38) Bromodichloromethane	7.100	83	31041	5.231	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	33697	5.132	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	127066	48.541	ug/L	98
42) Toluene	7.962	91	98763	5.044	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	25785	4.991	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	16518	5.065	ug/L	95
47) Tetrachloroethene	8.547	164	17000	5.257	ug/L	97
48) 2-Hexanone	8.679	43	88205	46.269	ug/L	99
49) Dibromochloromethane	8.804	129	18547	5.198	ug/L	96
50) 1,2-Dibromoethane	8.917	107	14016	4.993	ug/L	96
51) Chlorobenzene	9.441	112	62610	4.963	ug/L	97
52) Ethylbenzene	9.563	91	108918	4.981	ug/L	100
53) m,p-Xylene	9.688	106	39388	5.056	ug/L	97
54) o-Xylene	10.094	106	39544	5.029	ug/L	99
55) Styrene	10.110	104	63269	5.095	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	19251	5.009	ug/L	100
59) Bromoform	10.283	173	9272	5.418	ug/L	95
60) Isopropylbenzene	10.476	105	102226	5.222	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	13839	5.072	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	84763	5.160	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	84931	5.205	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	46307	5.079	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	44016	4.995	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	43638	5.176	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.991	75	2369	5.757	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	34232	5.370	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	23747	4.994	ug/L	97
71) Naphthalene	14.084	128	29200	4.509	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	19544	5.020	ug/L	98

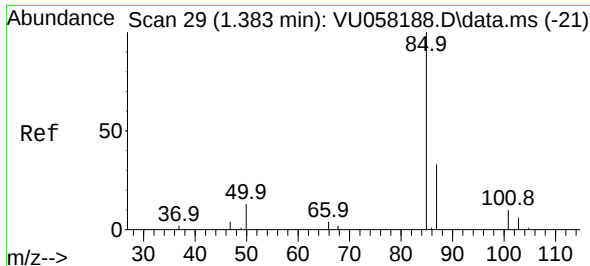
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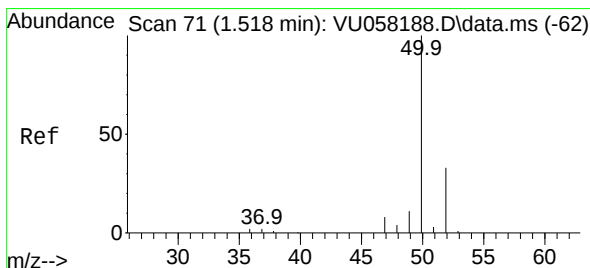
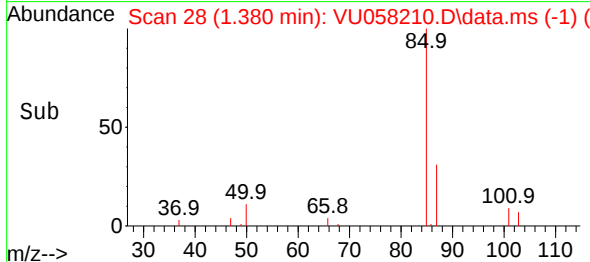
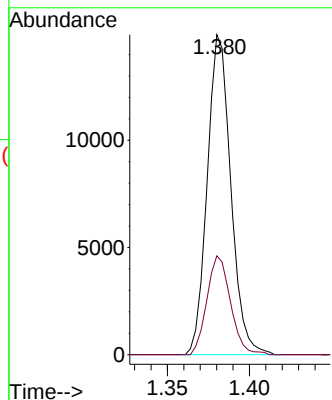
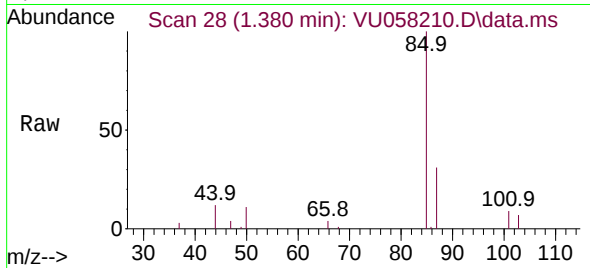




#2
Dichlorodifluoromethane
Concen: 4.927 ug/L
RT: 1.380 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU058210.D
Acq: 25 Mar 2024 14:26

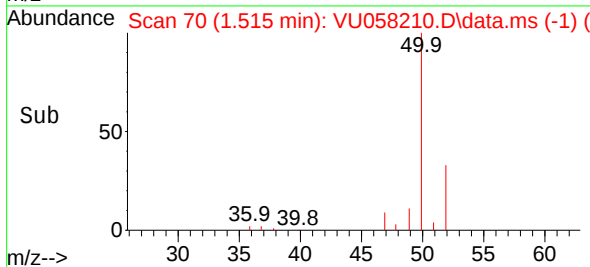
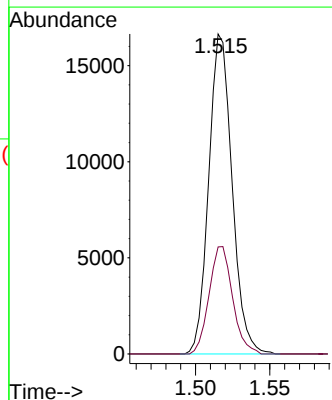
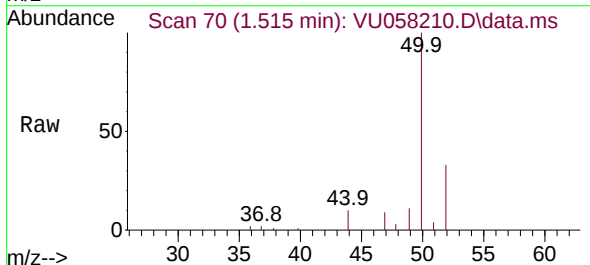
Instrument :
MSVOA_U
ClientSampleId :

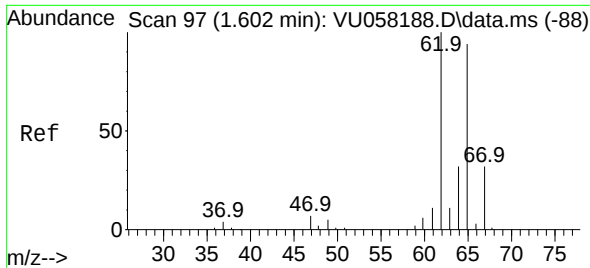
Tgt Ion: 85 Resp: 14906
Ion Ratio Lower Upper
85 100
87 30.9 25.8 38.8



#3
Chloromethane
Concen: 4.713 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU058210.D
Acq: 25 Mar 2024 14:26

Tgt Ion: 50 Resp: 18175
Ion Ratio Lower Upper
50 100
52 33.5 24.2 45.0

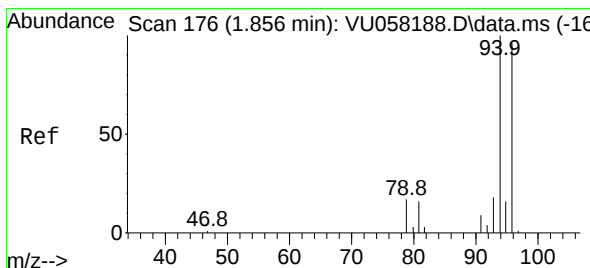
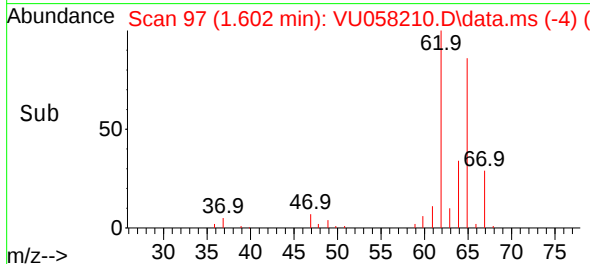
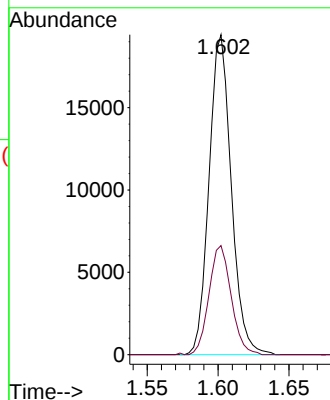
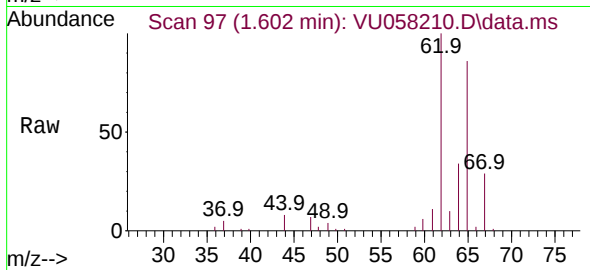




#5
 Vinyl chloride
 Concen: 5.035 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU058210.D
 Acq: 25 Mar 2024 14:26

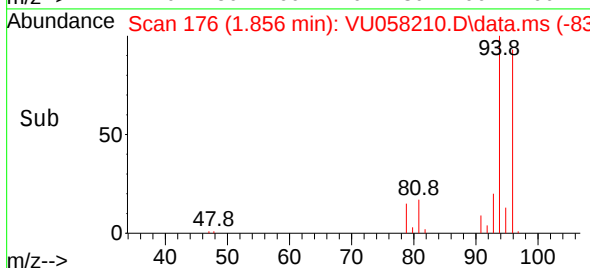
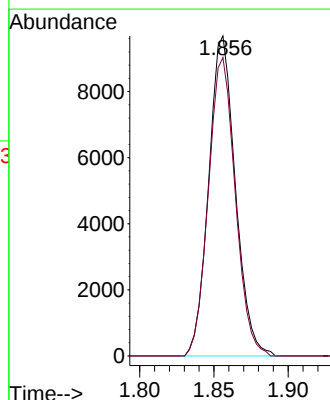
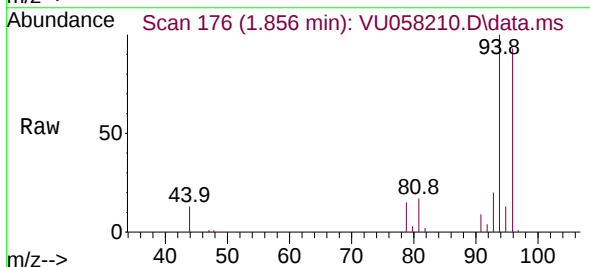
Instrument :
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 ClientSampleId :

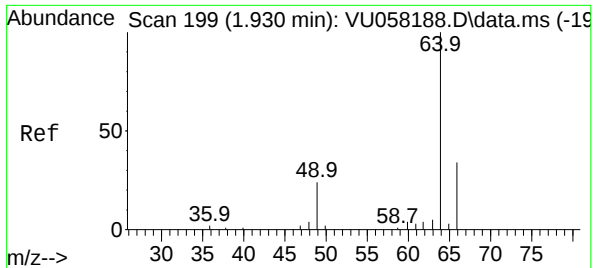
Tgt Ion: 62 Resp: 21202
 Ion Ratio Lower Upper
 62 100
 64 34.1 23.4 43.6



#6
 Bromomethane
 Concen: 5.356 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. 0.000 min
 Lab File: VU058210.D
 Acq: 25 Mar 2024 14:26

Tgt Ion: 94 Resp: 12097
 Ion Ratio Lower Upper
 94 100
 96 93.2 64.8 120.4

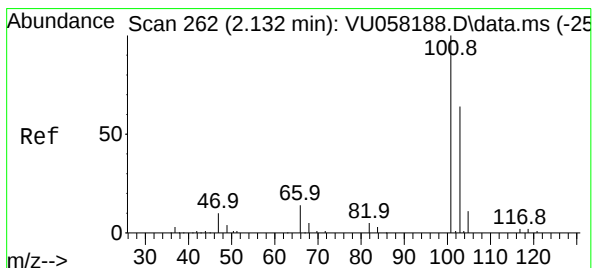
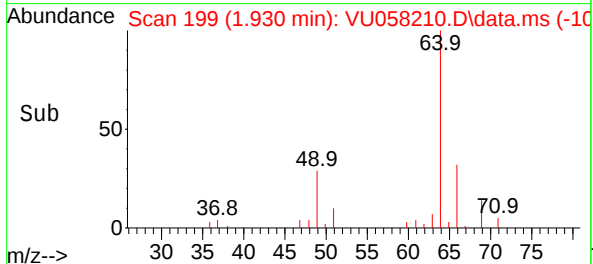
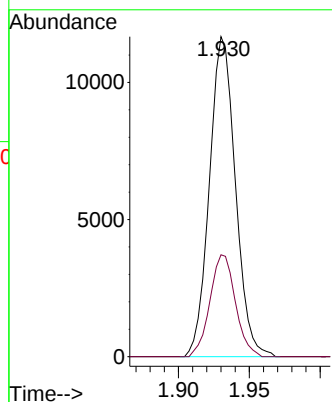
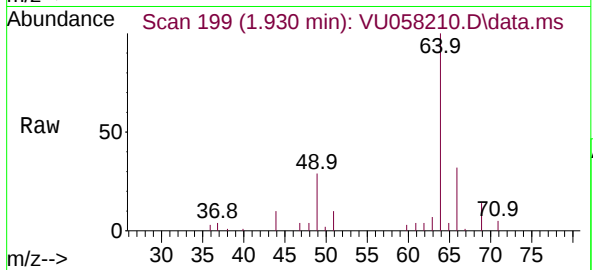




#8
Chloroethane
Concen: 5.365 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU058210.D
Acq: 25 Mar 2024 14:26

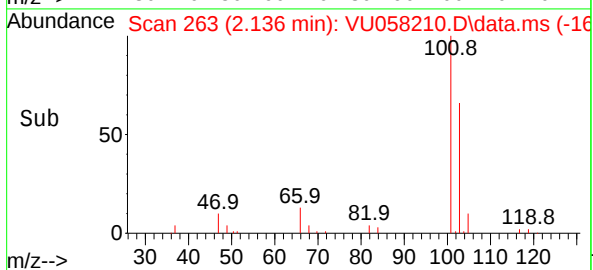
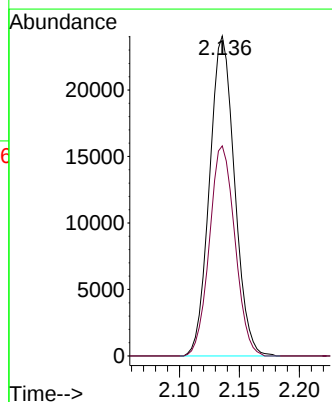
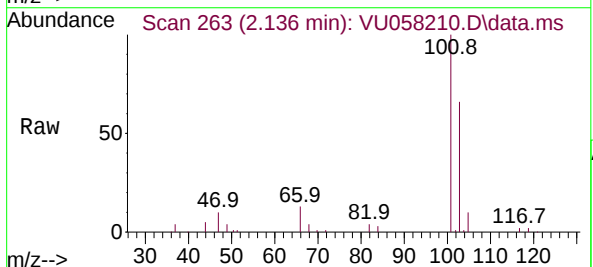
Instrument :
MSVOA_U
ClientSampleId :

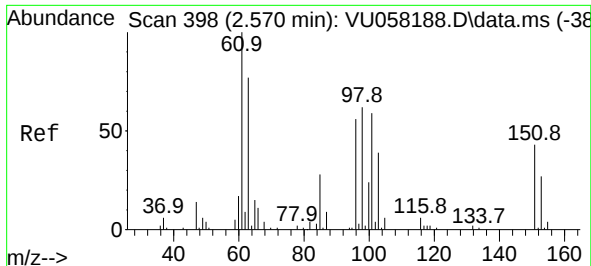
Tgt Ion: 64 Resp: 14897
Ion Ratio Lower Upper
64 100
66 31.9 22.5 41.9



#9
Trichlorofluoromethane
Concen: 5.095 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU058210.D
Acq: 25 Mar 2024 14:26

Tgt Ion:101 Resp: 34864
Ion Ratio Lower Upper
101 100
103 66.8 52.3 78.5





#10

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

Concen: 5.038 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.006 min

Lab File: VU058210.D

Acq: 25 Mar 2024 14:26

Instrument :

MSVOA_U

ClientSampleId :

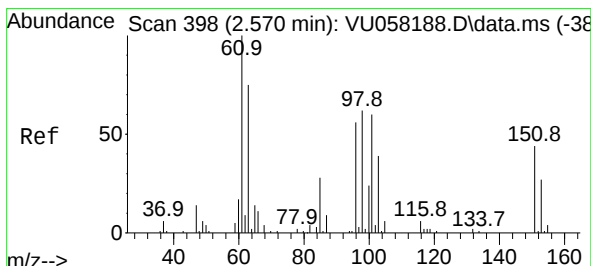
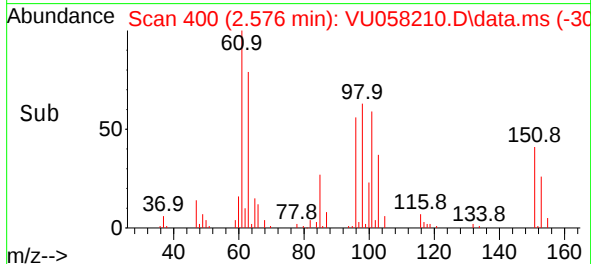
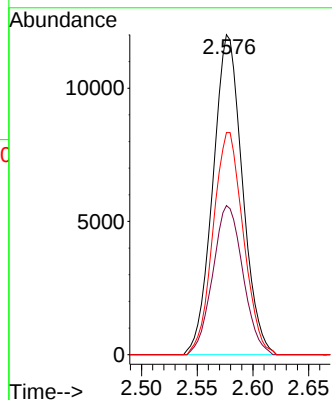
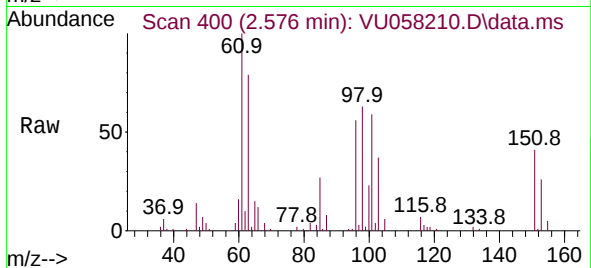
Tgt Ion:101 Resp: 22126

Ion Ratio Lower Upper

101 100

85 47.6 37.9 56.9

151 70.9 55.3 82.9



#12

1,1-Dichloroethene

Concen: 5.018 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.006 min

Lab File: VU058210.D

Acq: 25 Mar 2024 14:26

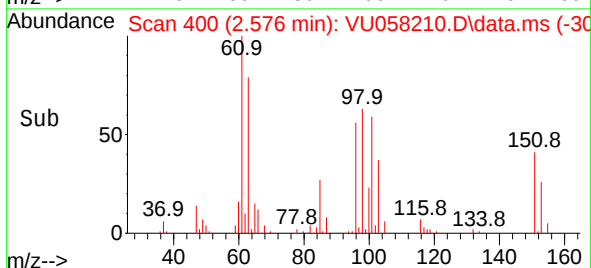
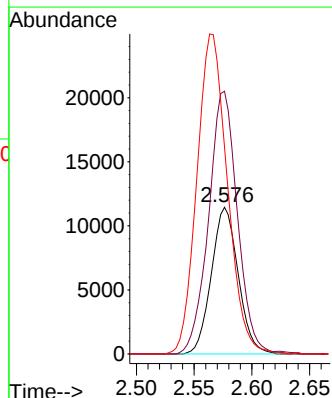
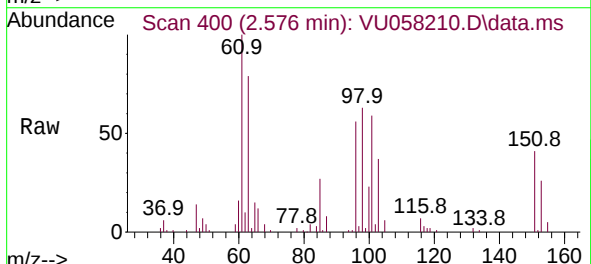
Tgt Ion: 96 Resp: 18477

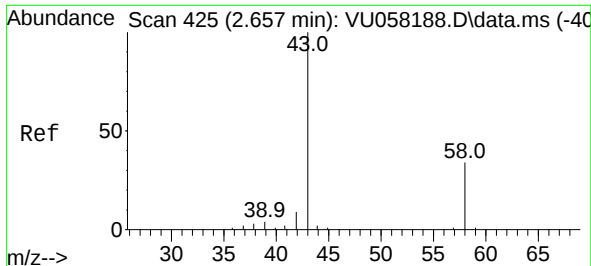
Ion Ratio Lower Upper

96 100

61 179.1 128.1 237.9

63 141.0 116.8 217.0





#13

Acetone

Concen: 48.557 ug/L

RT: 2.650 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU058210.D

Acq: 25 Mar 2024 14:26

Instrument :

MSVOA_U

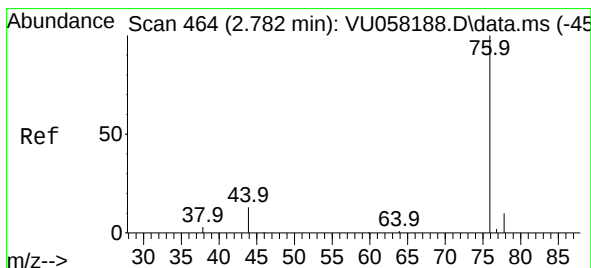
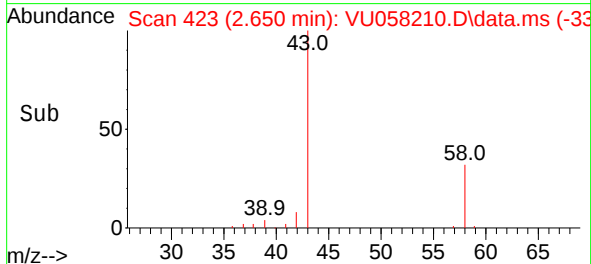
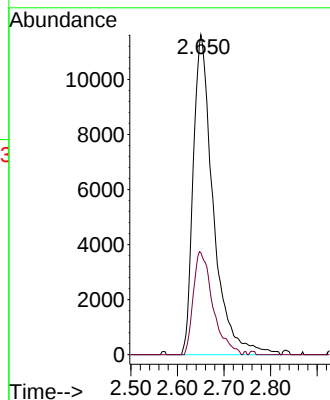
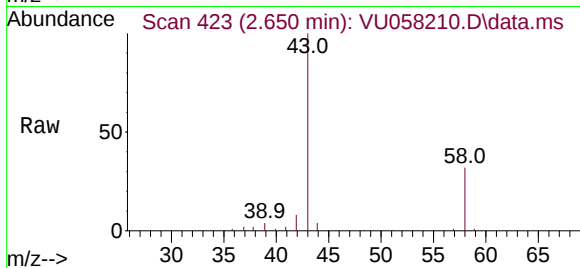
ClientSampleId :

Tgt Ion: 43 Resp: 34652

Ion Ratio Lower Upper

43 100

58 31.4 0.0 64.6



#14

Carbon disulfide

Concen: 4.889 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.006 min

Lab File: VU058210.D

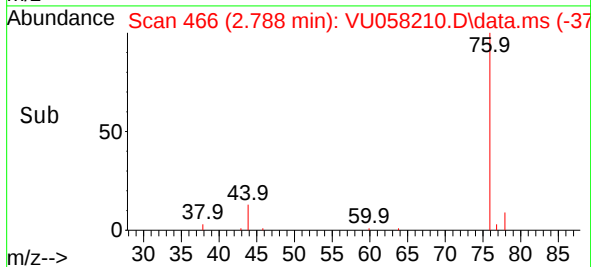
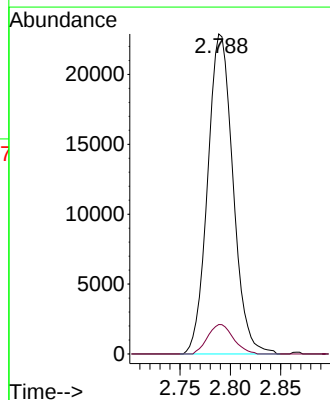
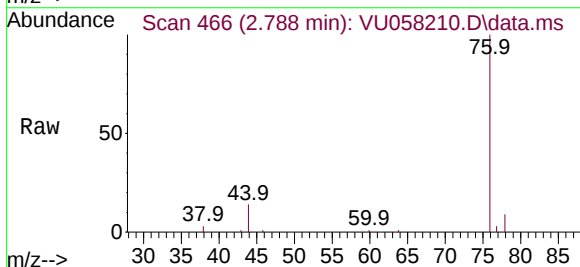
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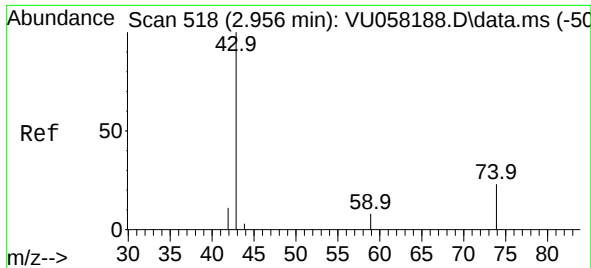
Tgt Ion: 76 Resp: 40219

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8





#15

Methyl Acetate

Concen: 4.884 ug/L

RT: 2.956 min Scan# 518

Delta R.T. 0.000 min

Lab File: VU058210.D

Acq: 25 Mar 2024 14:26

Instrument :

MSVOA_U

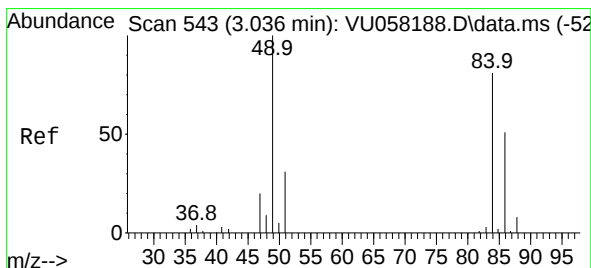
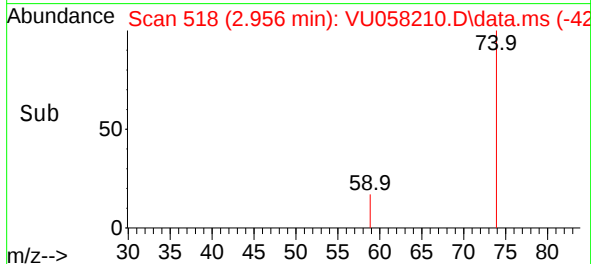
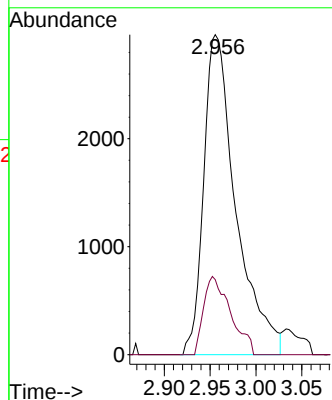
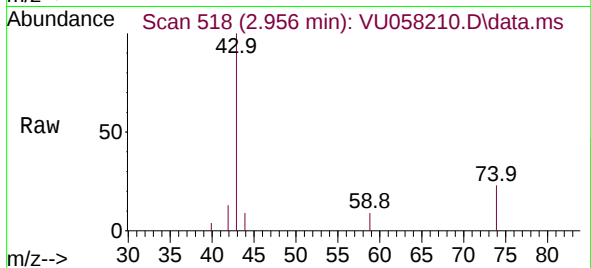
ClientSampleId :

Tgt Ion: 43 Resp: 7235

Ion Ratio Lower Upper

43 100

74 20.5 16.8 25.2



#16

Methylene chloride

Concen: 4.557 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.003 min

Lab File: VU058210.D

Acq: 25 Mar 2024 14:26

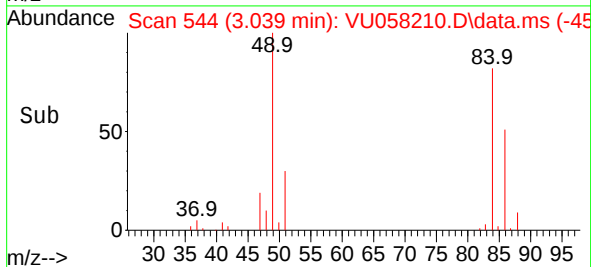
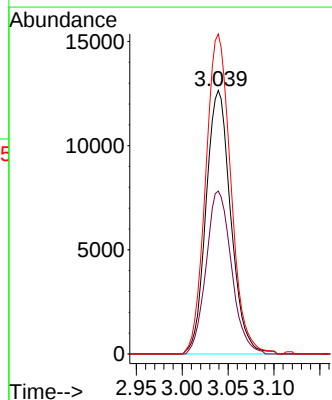
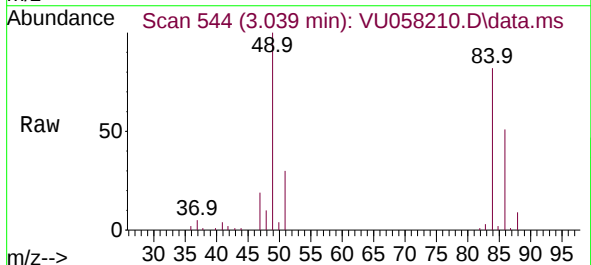
Tgt Ion: 84 Resp: 23777

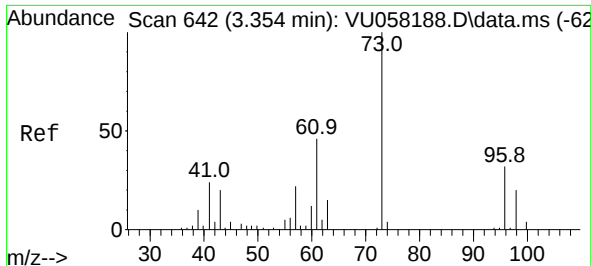
Ion Ratio Lower Upper

84 100

86 61.8 45.6 84.6

49 121.4 88.3 163.9

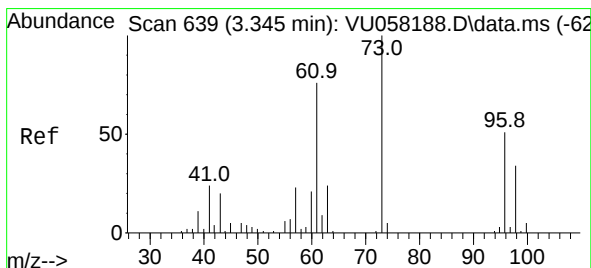
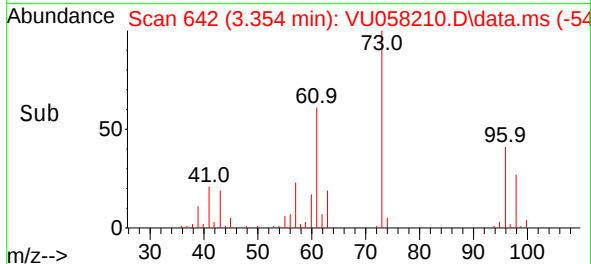
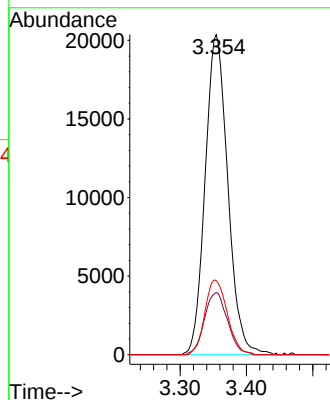
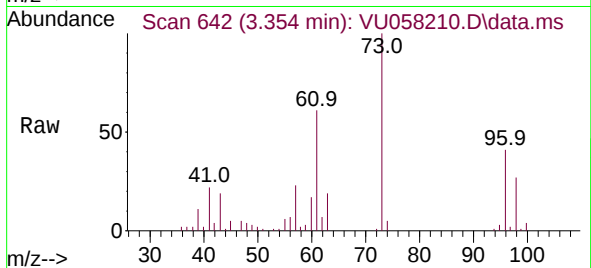




#17
Methyl tert-butyl Ether
Concen: 4.894 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU058210.D
Acq: 25 Mar 2024 14:26

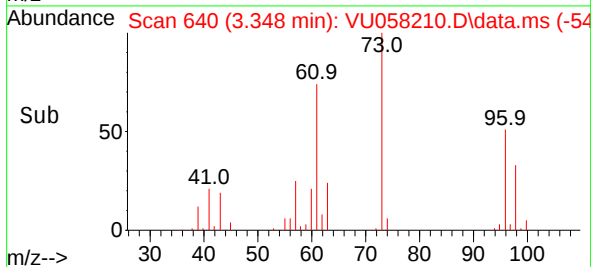
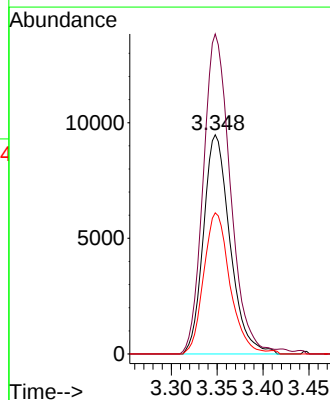
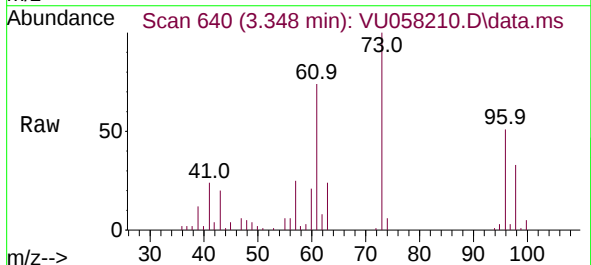
Instrument :
MSVOA_U
ClientSampleId :

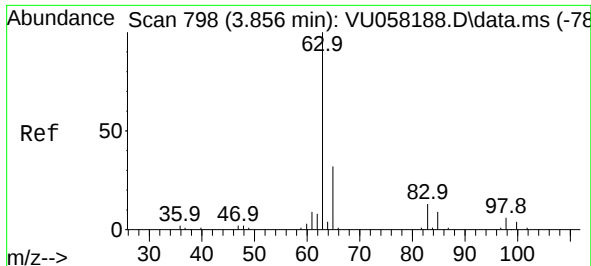
Tgt Ion: 73 Resp: 48363
Ion Ratio Lower Upper
73 100
43 19.8 15.5 23.3
57 23.0 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 4.962 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU058210.D
Acq: 25 Mar 2024 14:26

Tgt Ion: 96 Resp: 19096
Ion Ratio Lower Upper
96 100
61 146.0 102.5 190.3
98 64.4 44.0 81.8





#19

1,1-Dichloroethane

Concen: 5.065 ug/L

RT: 3.862 min Scan# 80

Delta R.T. 0.006 min

Lab File: VU058210.D

Acq: 25 Mar 2024 14:26

Instrument :

MSVOA_U

ClientSampleId :

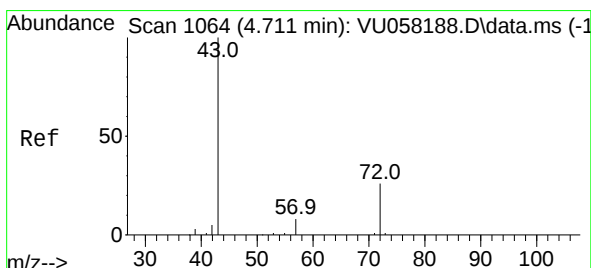
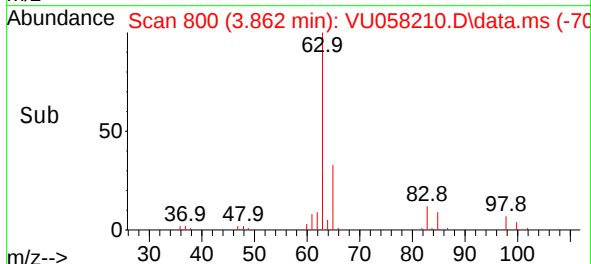
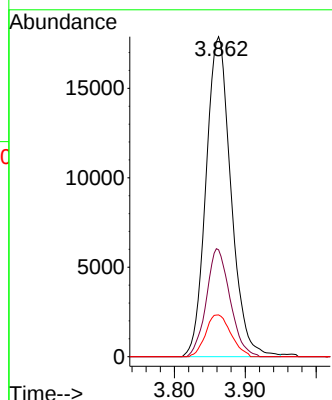
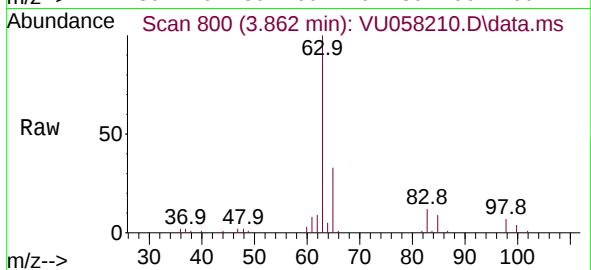
Tgt Ion: 63 Resp: 43791

Ion Ratio Lower Upper

63 100

65 33.4 22.3 41.5

83 13.0 10.0 18.6



#21

2-Butanone

Concen: 46.316 ug/L

RT: 4.711 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VU058210.D

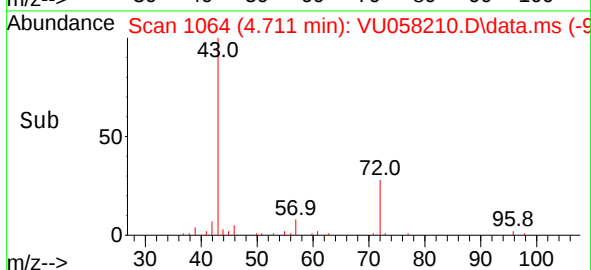
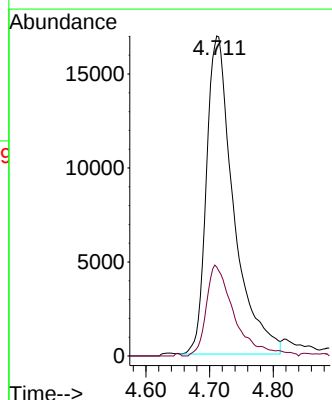
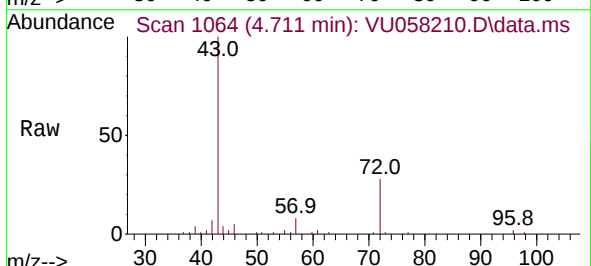
Acq: 25 Mar 2024 14:26

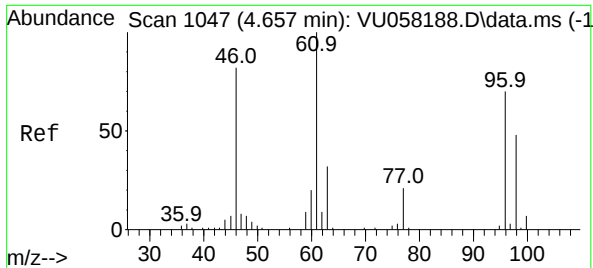
Tgt Ion: 43 Resp: 50216

Ion Ratio Lower Upper

43 100

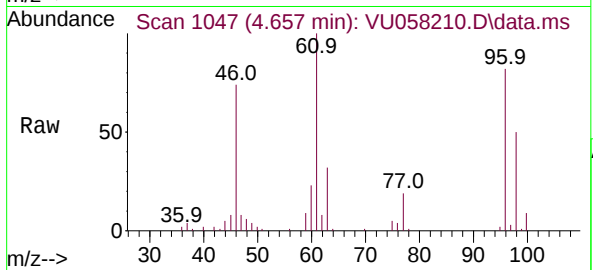
72 29.4 14.0 41.9



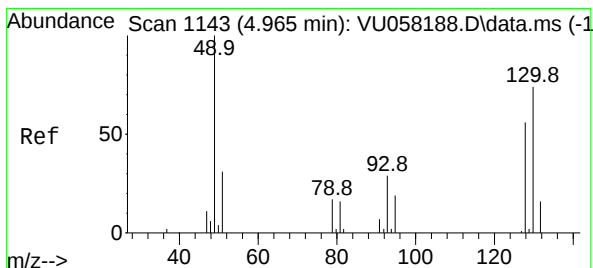
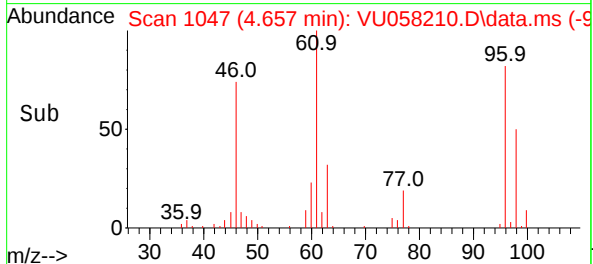
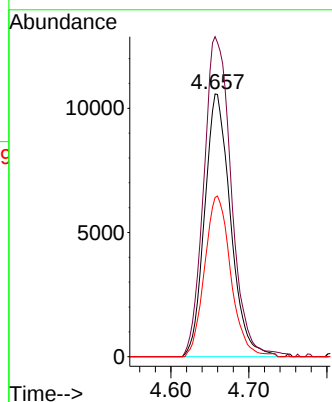


#22
cis-1,2-Dichloroethene
Concen: 5.136 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU058210.D
Acq: 25 Mar 2024 14:26

Instrument :
MSVOA_U
ClientSampleId :

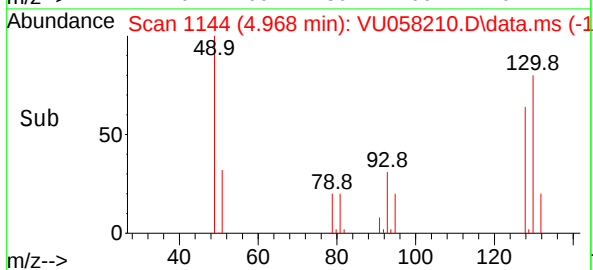
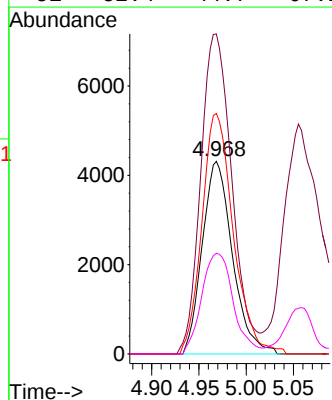
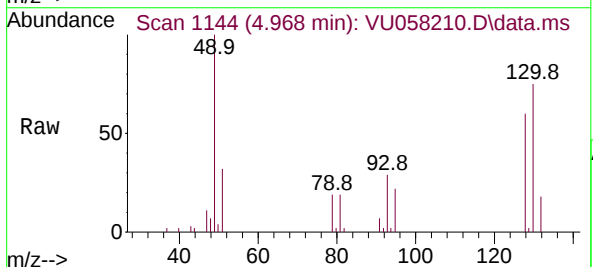


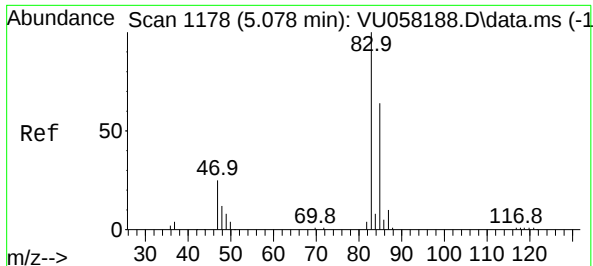
Tgt Ion: 96 Resp: 24422
Ion Ratio Lower Upper
96 100
61 121.8 92.8 172.4
98 60.6 43.2 80.2



#23
Bromochloromethane
Concen: 5.406 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. 0.003 min
Lab File: VU058210.D
Acq: 25 Mar 2024 14:26

Tgt Ion:128 Resp: 9592
Ion Ratio Lower Upper
128 100
49 172.0 125.0 232.2
130 124.8 92.3 171.5
51 52.4 44.7 67.1

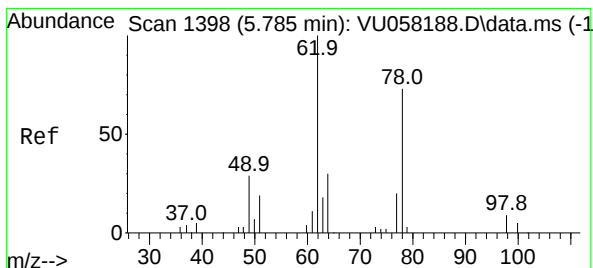
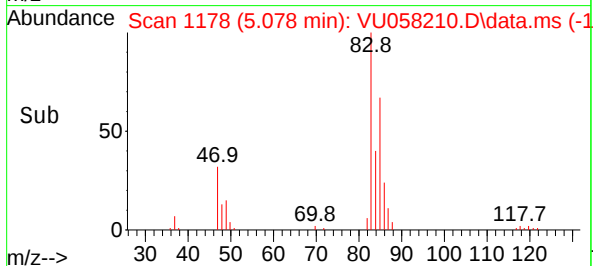
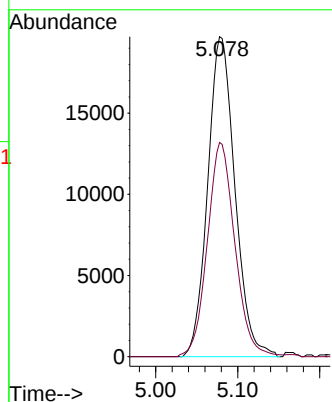
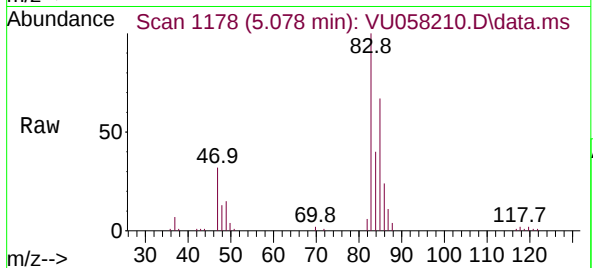




#25
Chloroform
Concen: 5.012 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU058210.D
Acq: 25 Mar 2024 14:26

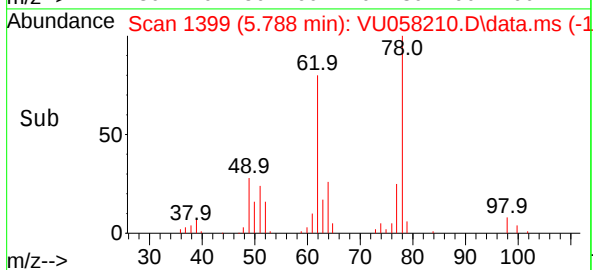
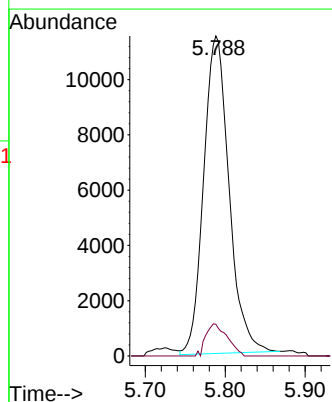
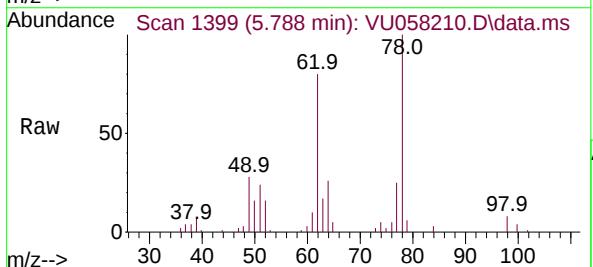
Instrument :
MSVOA_U
ClientSampleId :

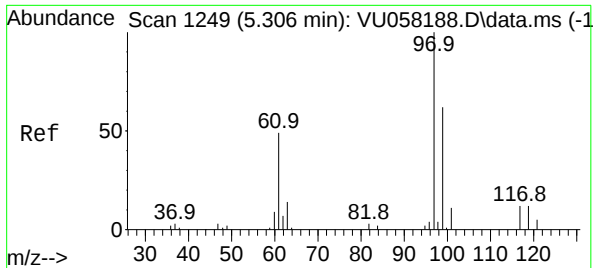
Tgt Ion: 83 Resp: 45448
Ion Ratio Lower Upper
83 100
85 66.9 47.9 88.9



#27
1,2-Dichloroethane
Concen: 4.934 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.003 min
Lab File: VU058210.D
Acq: 25 Mar 2024 14:26

Tgt Ion: 62 Resp: 25397
Ion Ratio Lower Upper
62 100
98 9.9 6.6 10.0

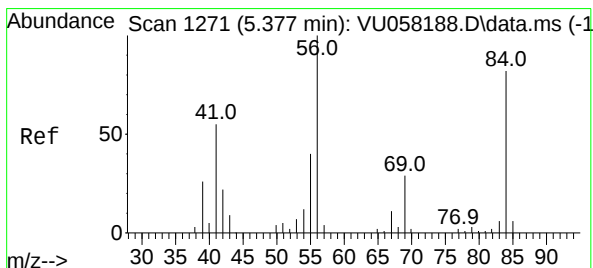
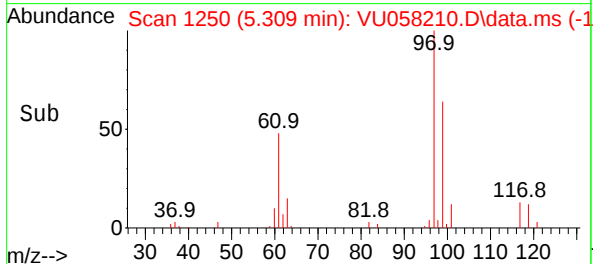
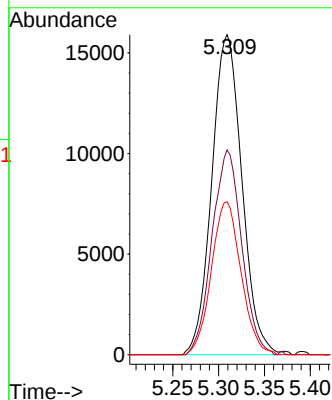
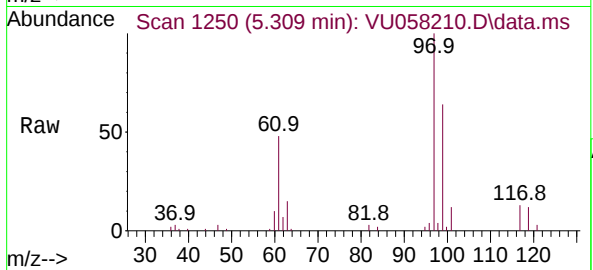




#29
1,1,1-Trichloroethane
Concen: 4.978 ug/L
RT: 5.309 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VU058210.D
Acq: 25 Mar 2024 14:26

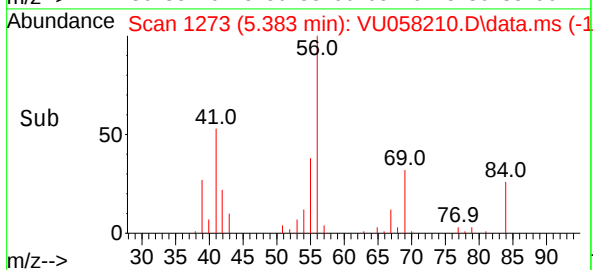
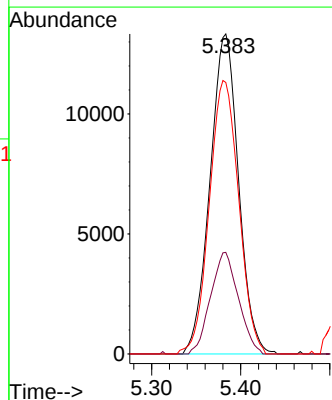
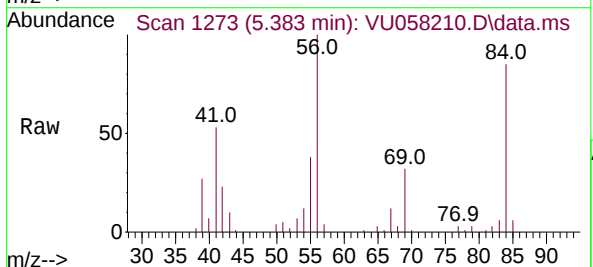
Instrument :
MSVOA_U
ClientSampleId :

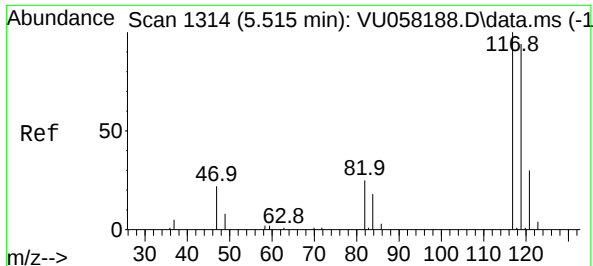
Tgt Ion: 97 Resp: 36319
Ion Ratio Lower Upper
97 100
99 63.0 50.5 75.7
61 47.1 36.3 54.5



#30
Cyclohexane
Concen: 4.663 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.006 min
Lab File: VU058210.D
Acq: 25 Mar 2024 14:26

Tgt Ion: 56 Resp: 29712
Ion Ratio Lower Upper
56 100
69 30.9 24.2 36.2
84 88.0 69.7 104.5





#31

Carbon tetrachloride

Concen: 4.893 ug/L

RT: 5.518 min Scan# 1314

Delta R.T. 0.003 min

Lab File: VU058210.D

Acq: 25 Mar 2024 14:26

Instrument :

MSVOA_U

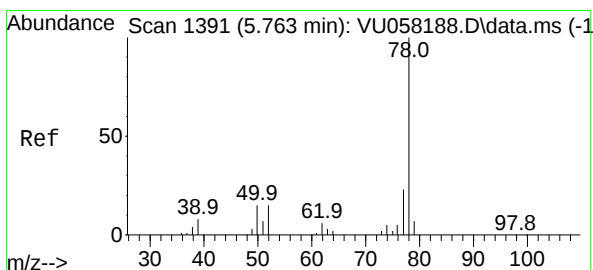
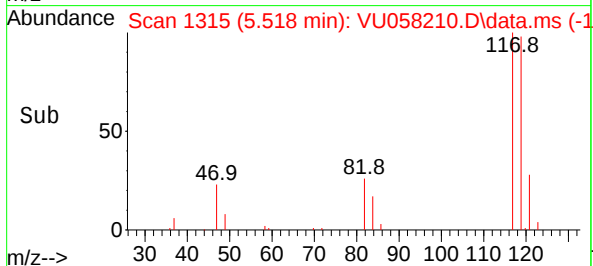
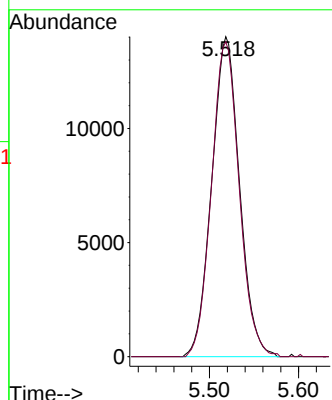
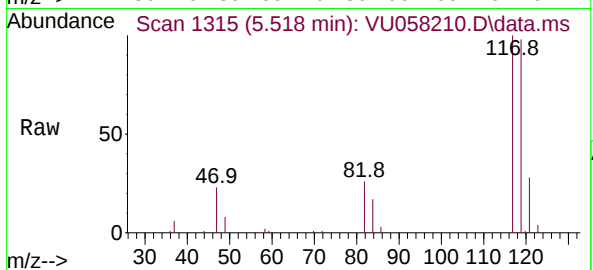
ClientSampleId :

Tgt Ion:117 Resp: 30387

Ion Ratio Lower Upper

117 100

119 98.0 78.1 117.1



#33

Benzene

Concen: 5.069 ug/L

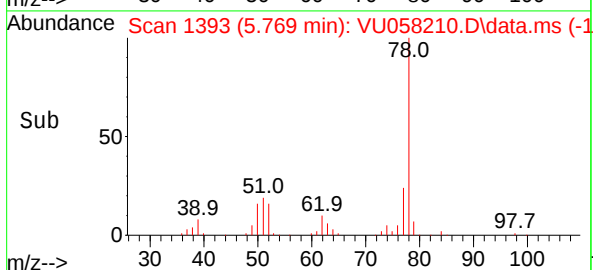
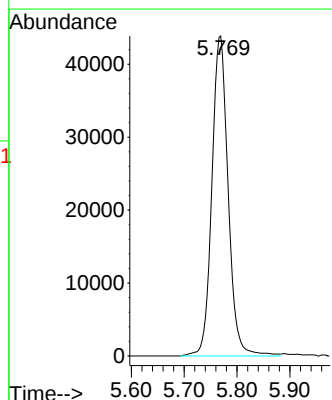
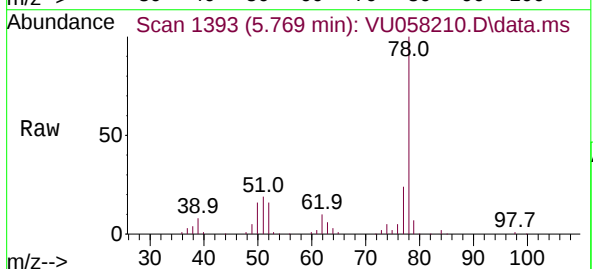
RT: 5.769 min Scan# 1393

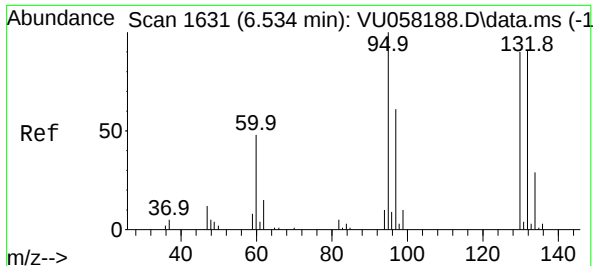
Delta R.T. 0.006 min

Lab File: VU058210.D

Acq: 25 Mar 2024 14:26

Tgt Ion: 78 Resp: 93942





#34

Trichloroethene

Concen: 4.936 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU058210.D

Acq: 25 Mar 2024 14:26

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 23830

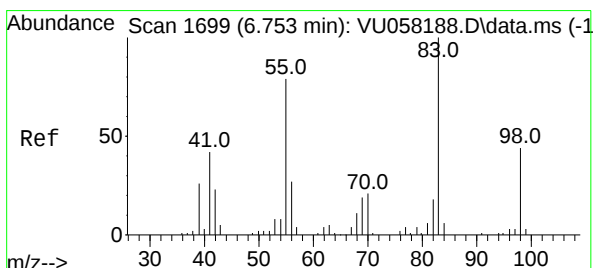
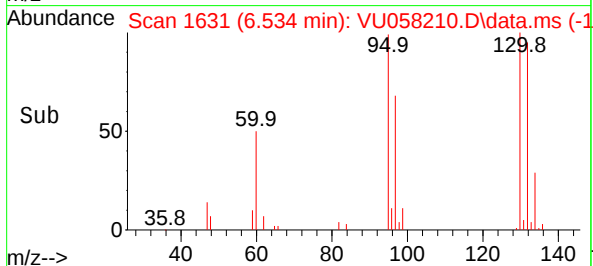
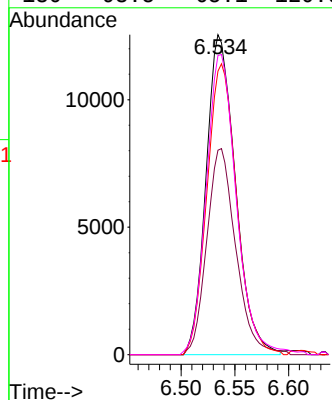
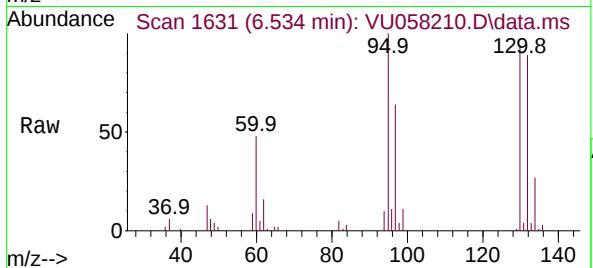
Ion Ratio Lower Upper

95 100

97 63.9 47.7 88.7

132 88.6 63.6 118.2

130 93.5 65.1 120.9



#35

Methylcyclohexane

Concen: 4.857 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VU058210.D

Acq: 25 Mar 2024 14:26

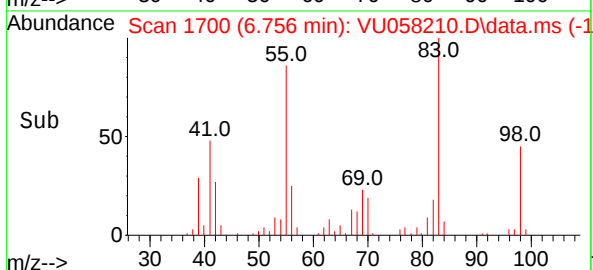
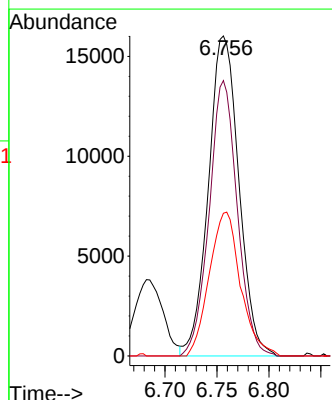
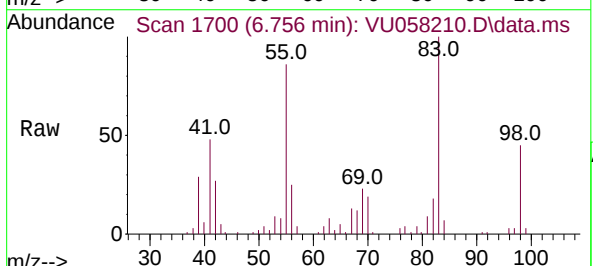
Tgt Ion: 83 Resp: 32701

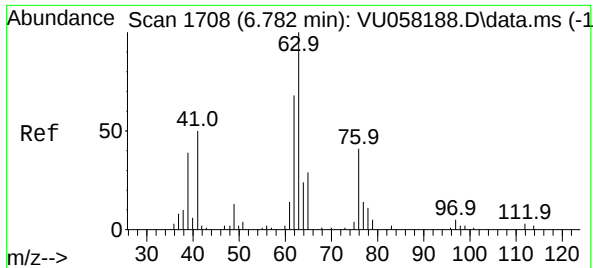
Ion Ratio Lower Upper

83 100

55 79.4 62.7 94.1

98 46.1 37.3 55.9

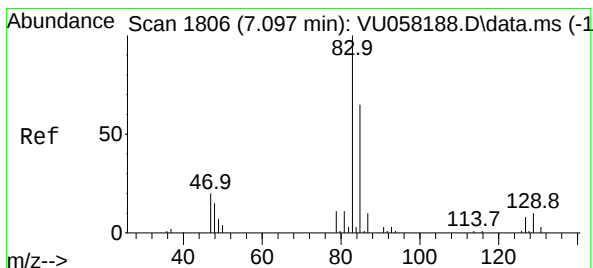
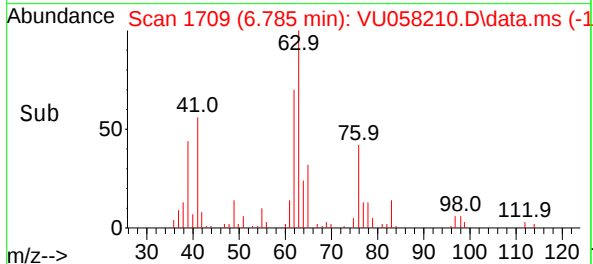
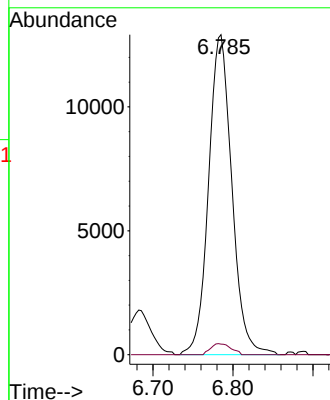
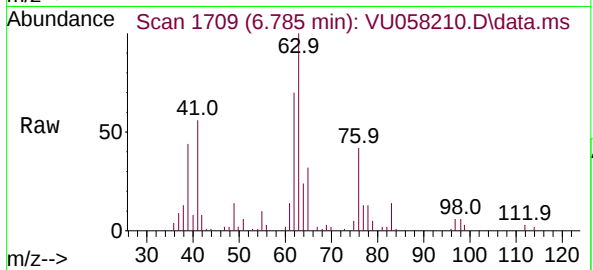




#37
1,2-Dichloropropane
Concen: 5.046 ug/L
RT: 6.785 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU058210.D
Acq: 25 Mar 2024 14:26

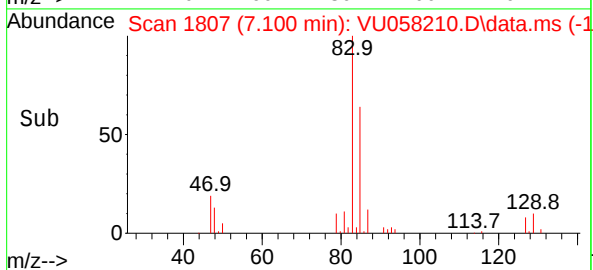
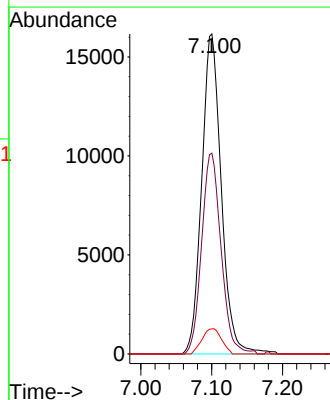
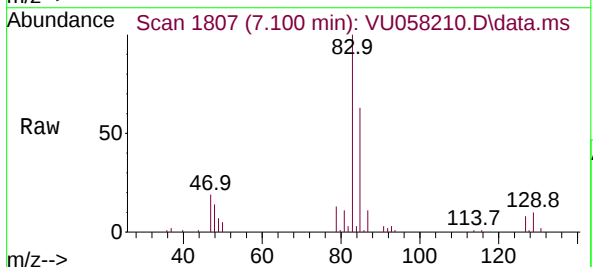
Instrument :
MSVOA_U
ClientSampleId :

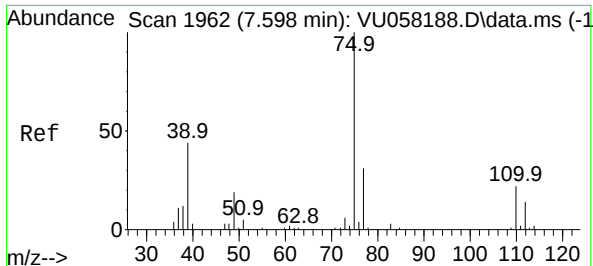
Tgt Ion: 63 Resp: 26124
Ion Ratio Lower Upper
63 100
112 3.0 2.7 4.1



#38
Bromodichloromethane
Concen: 5.231 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU058210.D
Acq: 25 Mar 2024 14:26

Tgt Ion: 83 Resp: 31041
Ion Ratio Lower Upper
83 100
85 62.8 45.6 84.8
127 7.9 7.1 10.7

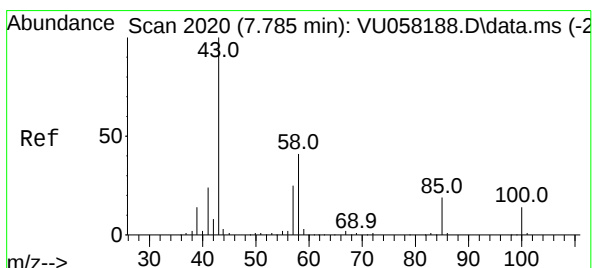
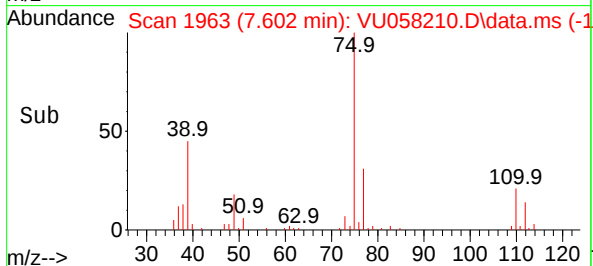
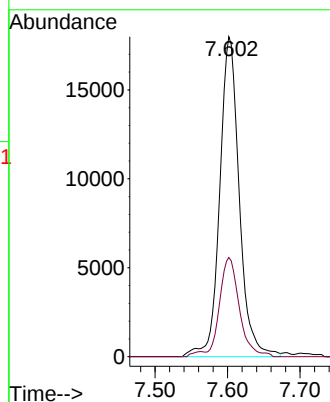
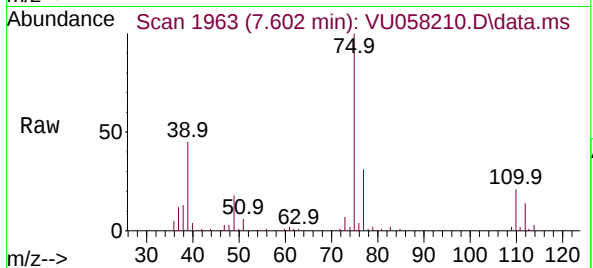




#39
 cis-1,3-Dichloropropene
 Concen: 5.132 ug/L
 RT: 7.602 min Scan# 1962
 Delta R.T. 0.003 min
 Lab File: VU058210.D
 Acq: 25 Mar 2024 14:26

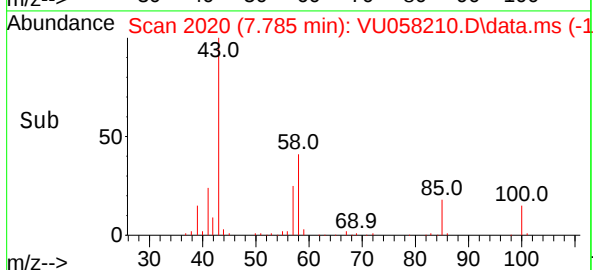
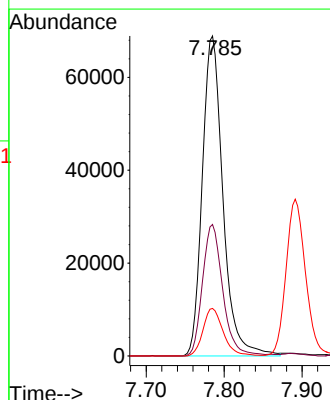
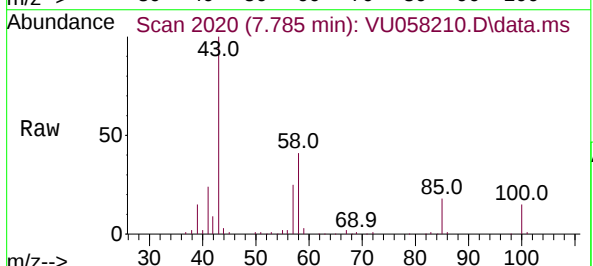
Instrument :
 MSVOA_U
 ClientSampleId :

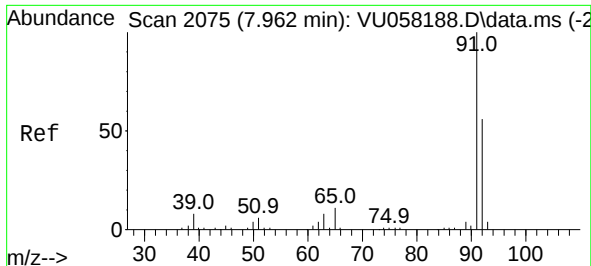
Tgt Ion: 75 Resp: 33697
 Ion Ratio Lower Upper
 75 100
 77 31.0 21.4 39.8



#40
 4-Methyl-2-pentanone
 Concen: 48.541 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.000 min
 Lab File: VU058210.D
 Acq: 25 Mar 2024 14:26

Tgt Ion: 43 Resp: 127066
 Ion Ratio Lower Upper
 43 100
 58 40.3 33.2 49.8
 100 14.6 11.5 17.3





#42

Toluene

Concen: 5.044 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU058210.D

Acq: 25 Mar 2024 14:26

Instrument :

MSVOA_U

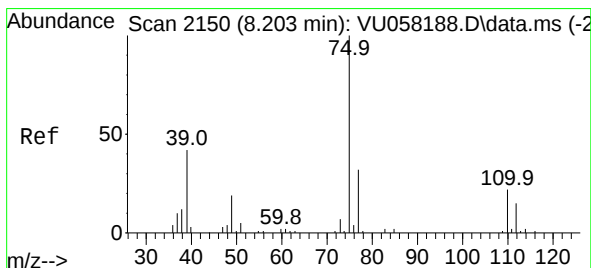
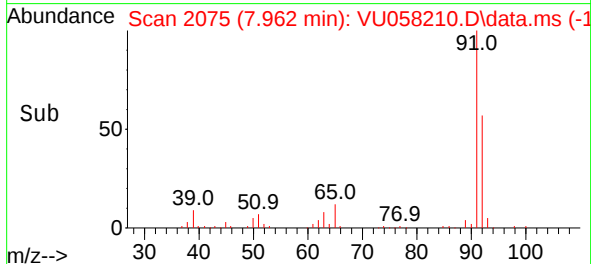
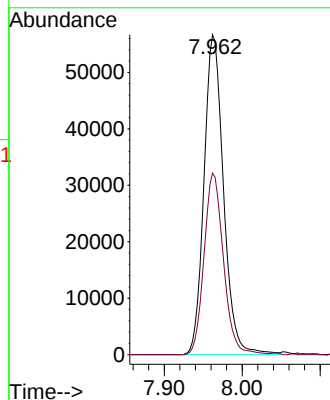
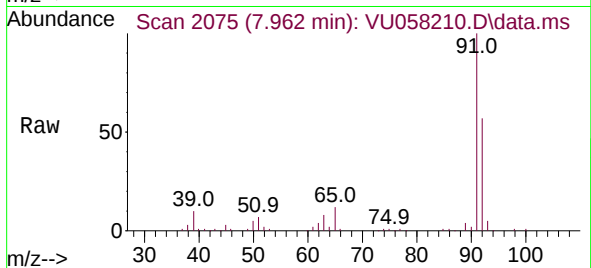
ClientSampleId :

Tgt Ion: 91 Resp: 98763

Ion Ratio Lower Upper

91 100

92 56.8 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 4.991 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU058210.D

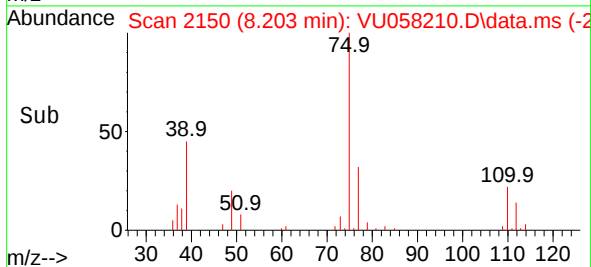
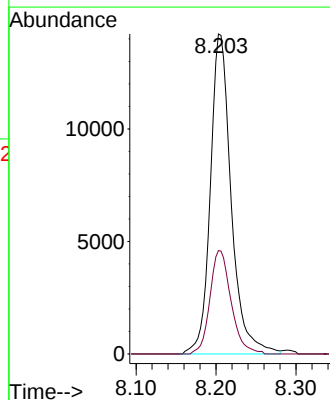
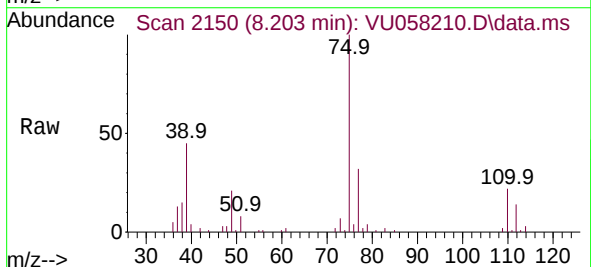
Acq: 25 Mar 2024 14:26

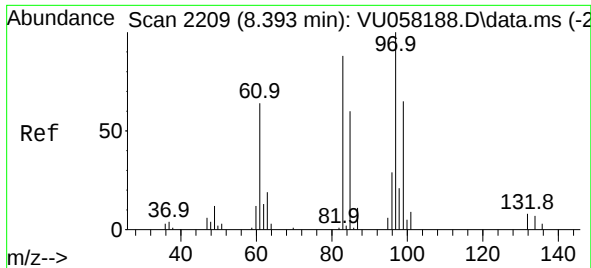
Tgt Ion: 75 Resp: 25785

Ion Ratio Lower Upper

75 100

77 32.3 21.7 40.3

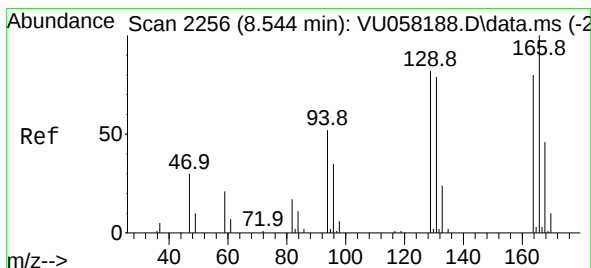
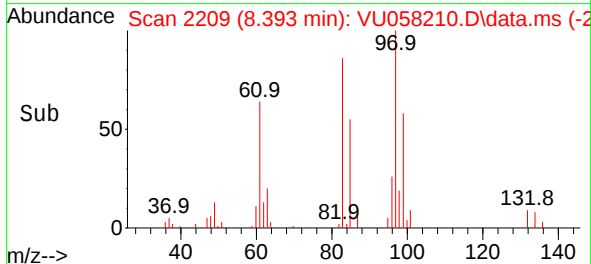
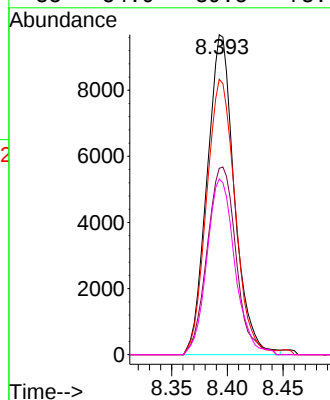
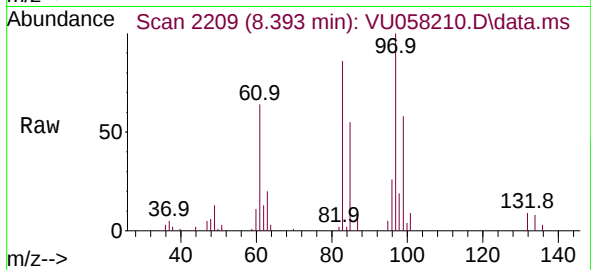




#45
1,1,2-Trichloroethane
Concen: 5.065 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU058210.D
Acq: 25 Mar 2024 14:26

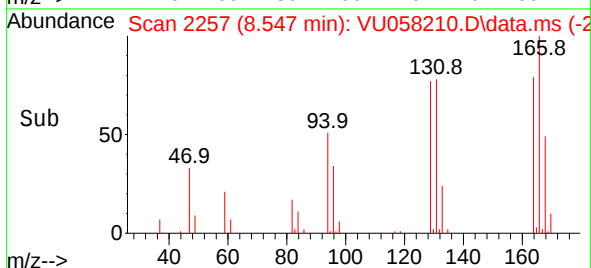
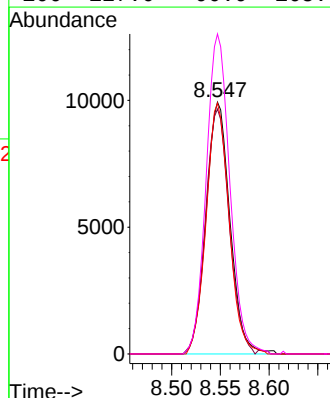
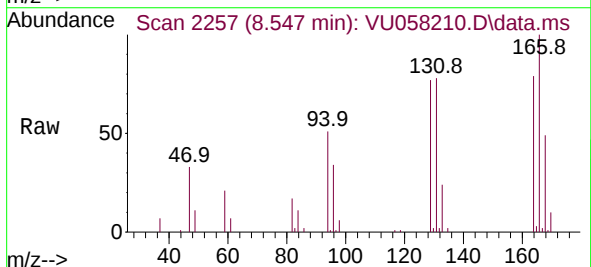
Instrument :
MSVOA_U
ClientSampleId :

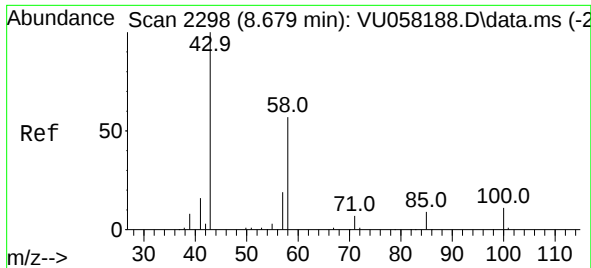
Tgt Ion:	97	Resp:	16518
Ion	Ratio	Lower	Upper
97	100		
99	58.3	44.5	82.7
83	86.0	64.1	119.1
85	54.9	39.5	73.4



#47
Tetrachloroethene
Concen: 5.257 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.003 min
Lab File: VU058210.D
Acq: 25 Mar 2024 14:26

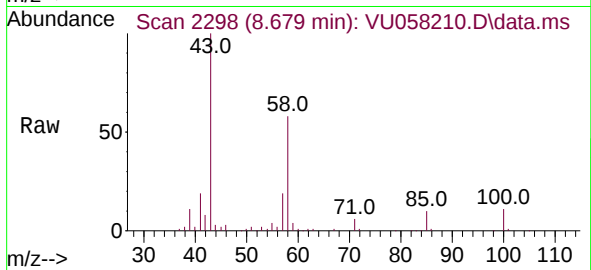
Tgt Ion:	164	Resp:	17000
Ion	Ratio	Lower	Upper
164	100		
129	97.3	71.3	132.3
131	99.6	70.8	131.4
166	127.0	90.9	168.9



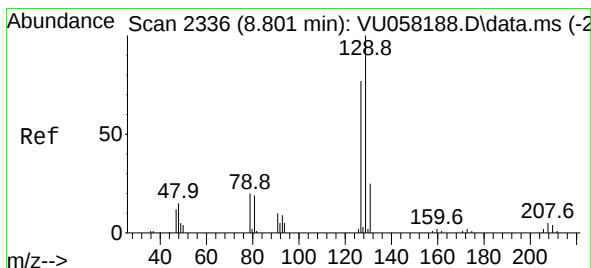
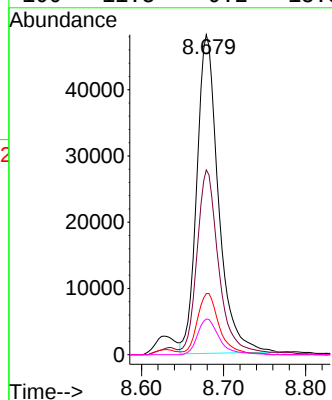
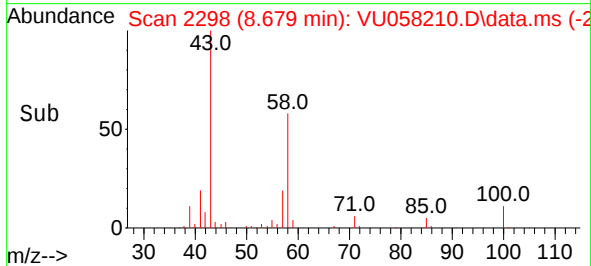


#48
2-Hexanone
Concen: 46.269 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU058210.D
Acq: 25 Mar 2024 14:26

Instrument :
MSVOA_U
ClientSampleId :

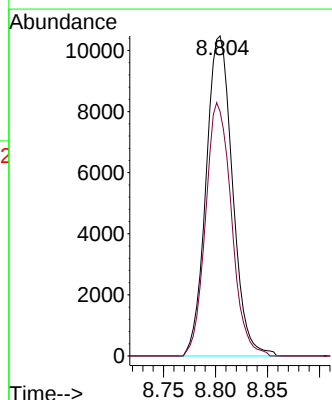
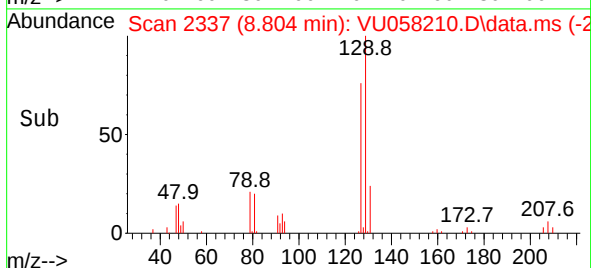
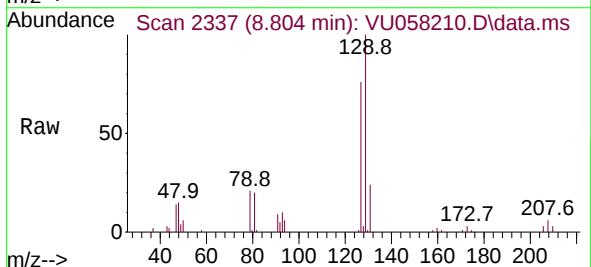


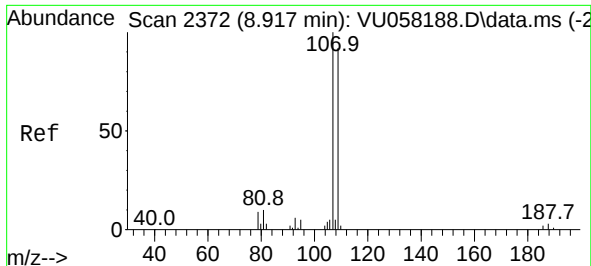
Tgt Ion: 43 Resp: 88205
Ion Ratio Lower Upper
43 100
58 59.4 48.3 72.5
57 19.6 16.3 24.5
100 11.3 9.2 13.8



#49
Dibromochloromethane
Concen: 5.198 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU058210.D
Acq: 25 Mar 2024 14:26

Tgt Ion: 129 Resp: 18547
Ion Ratio Lower Upper
129 100
127 76.4 55.7 103.5





#50

1,2-Dibromoethane

Concen: 4.993 ug/L

RT: 8.917 min Scan# 24

Delta R.T. 0.000 min

Lab File: VU058210.D

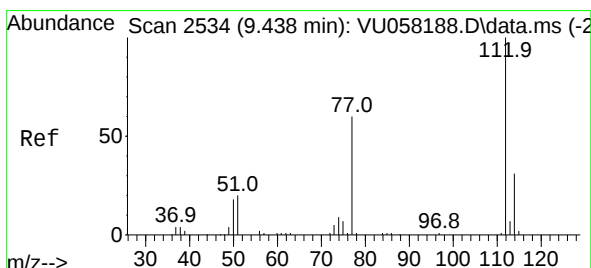
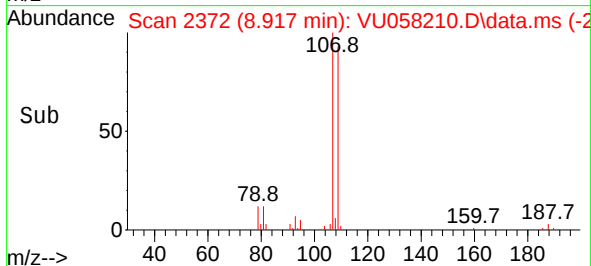
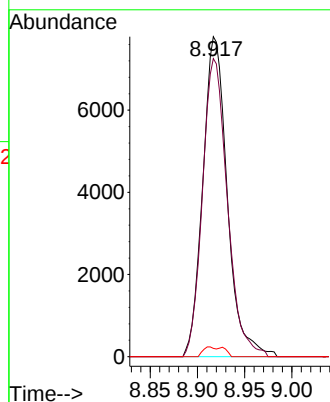
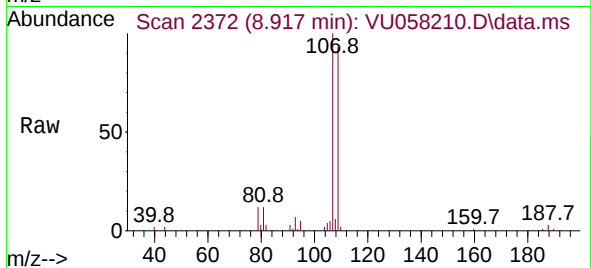
Acq: 25 Mar 2024 14:26

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	14016
Ion Ratio	Lower	Upper	
107	100		
109	93.2	67.8	125.8
188	2.6	2.5	3.7



#51

Chlorobenzene

Concen: 4.963 ug/L

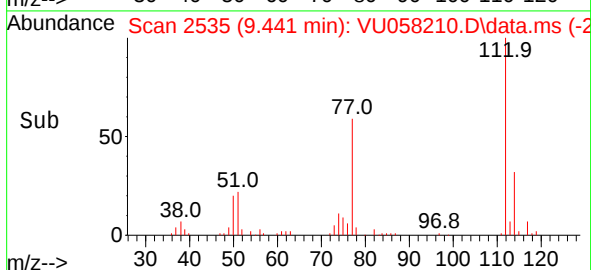
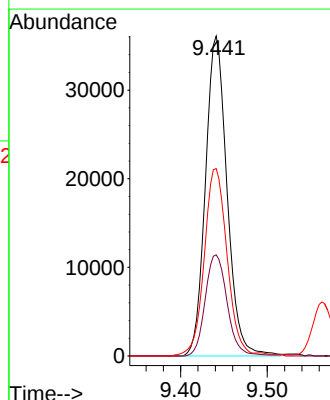
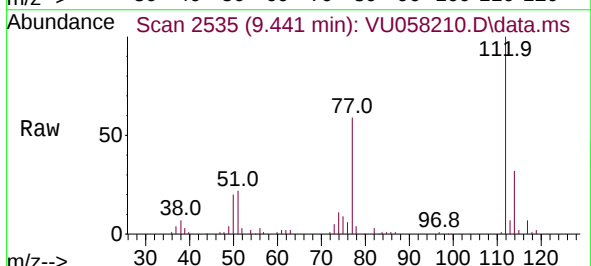
RT: 9.441 min Scan# 2535

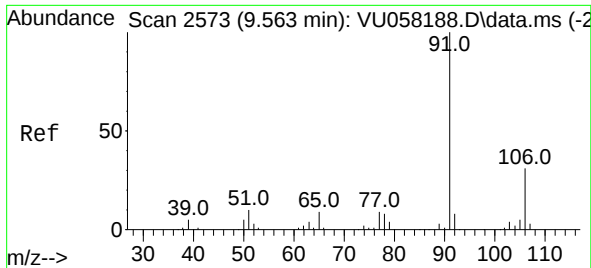
Delta R.T. 0.003 min

Lab File: VU058210.D

Acq: 25 Mar 2024 14:26

Tgt Ion:	112	Resp:	62610
Ion Ratio	Lower	Upper	
112	100		
114	31.6	22.7	42.3
77	58.6	48.9	73.3

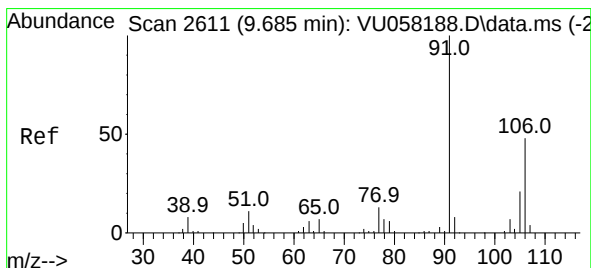
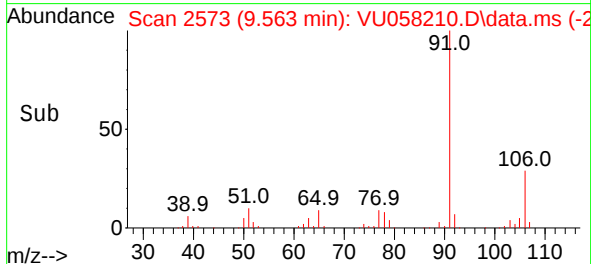
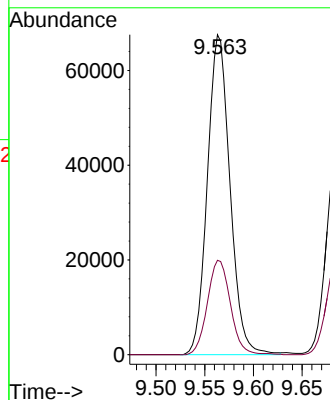
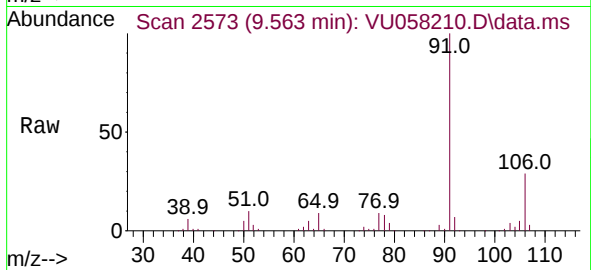




#52
Ethylbenzene
Concen: 4.981 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU058210.D
Acq: 25 Mar 2024 14:26

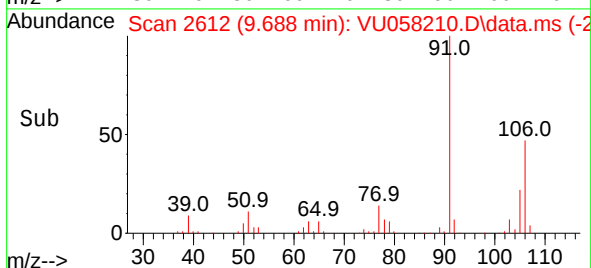
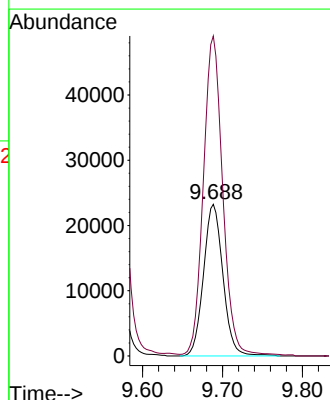
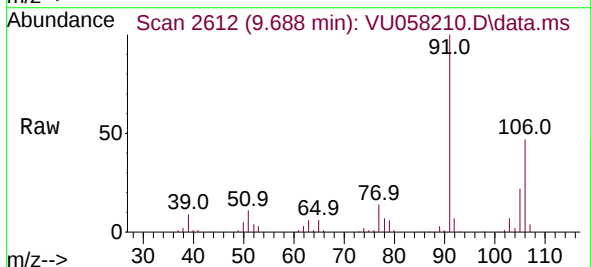
Instrument :
MSVOA_U
ClientSampleId :

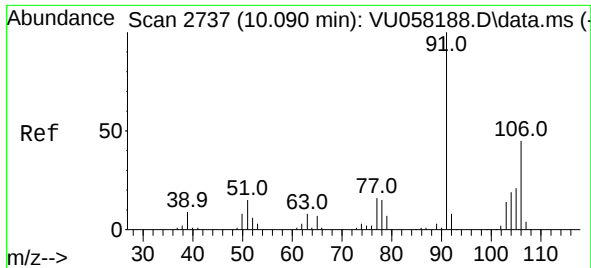
Tgt Ion: 91 Resp: 108918
Ion Ratio Lower Upper
91 100
106 29.5 20.6 38.2



#53
m,p-Xylene
Concen: 5.056 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU058210.D
Acq: 25 Mar 2024 14:26

Tgt Ion:106 Resp: 39388
Ion Ratio Lower Upper
106 100
91 210.9 151.0 280.4

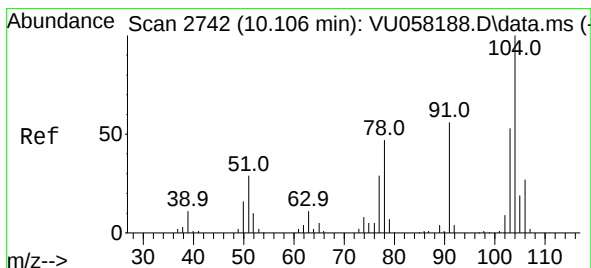
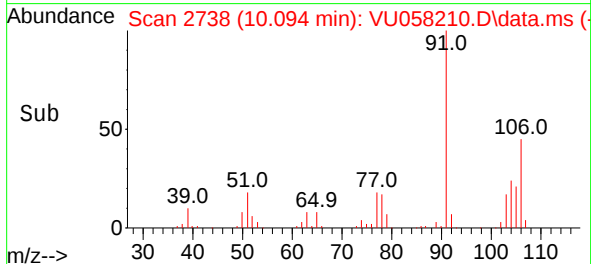
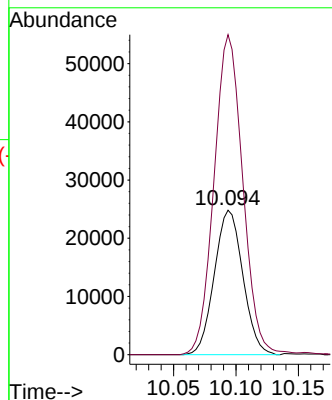
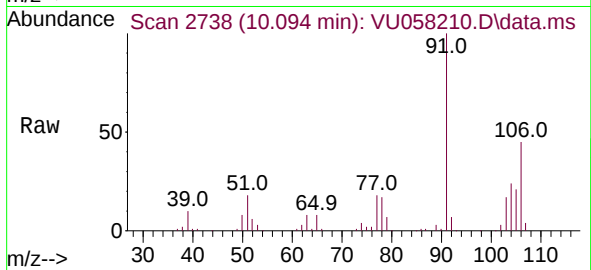




#54
o-Xylene
Concen: 5.029 ug/L
RT: 10.094 min Scan# 2737
Delta R.T. 0.003 min
Lab File: VU058210.D
Acq: 25 Mar 2024 14:26

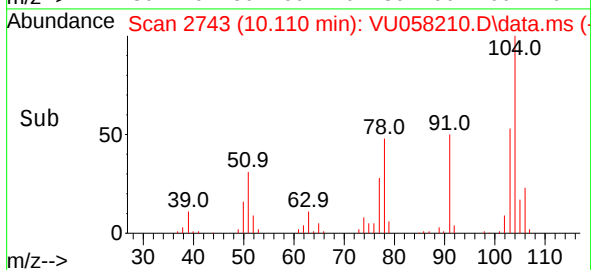
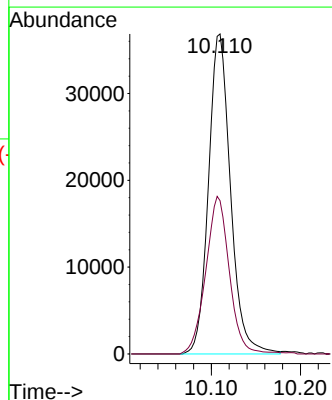
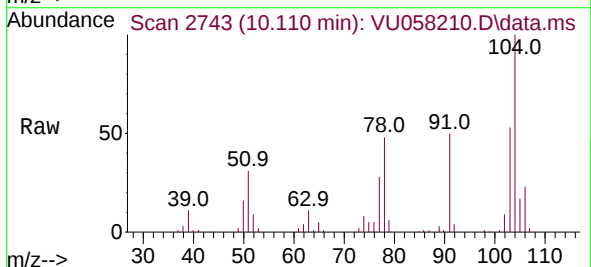
Instrument :
MSVOA_U
ClientSampleId :

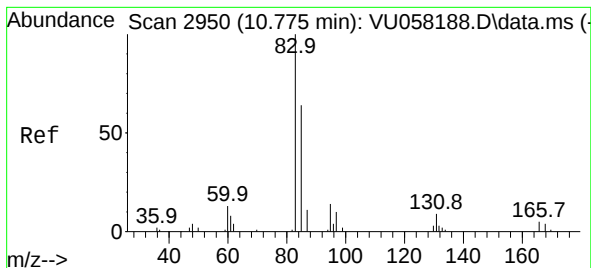
Tgt Ion:106 Resp: 39544
Ion Ratio Lower Upper
106 100
91 221.4 154.3 286.7



#55
Styrene
Concen: 5.095 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VU058210.D
Acq: 25 Mar 2024 14:26

Tgt Ion:104 Resp: 63269
Ion Ratio Lower Upper
104 100
78 47.9 34.5 64.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.009 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU058210.D

Acq: 25 Mar 2024 14:26

Instrument :

MSVOA_U

ClientSampleId :

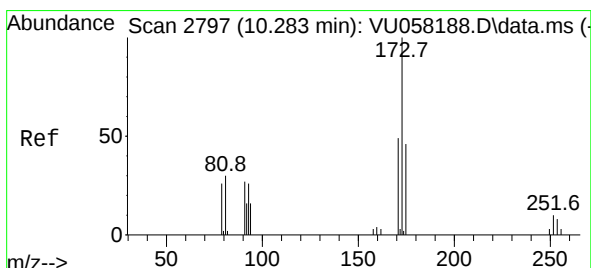
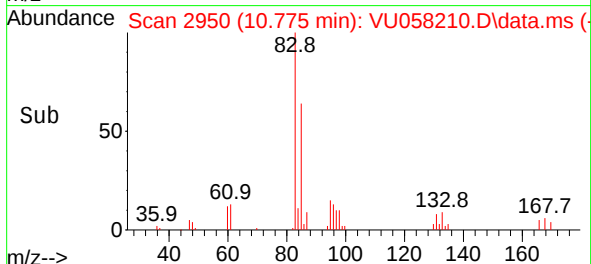
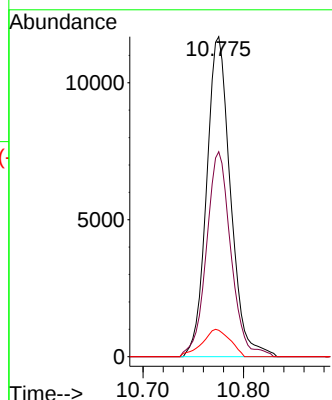
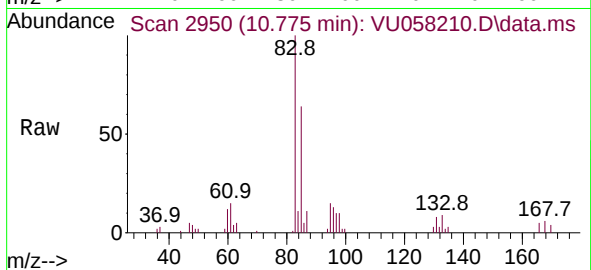
Tgt Ion: 83 Resp: 19251

Ion Ratio Lower Upper

83 100

85 64.1 44.7 82.9

131 8.2 7.0 10.6



#59

Bromoform

Concen: 5.418 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU058210.D

Acq: 25 Mar 2024 14:26

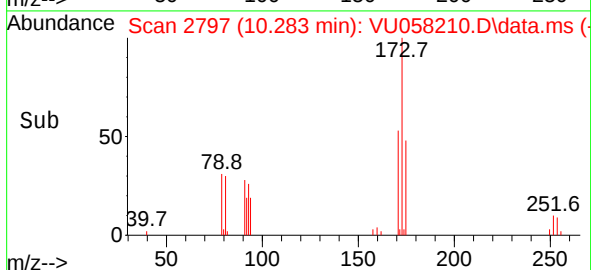
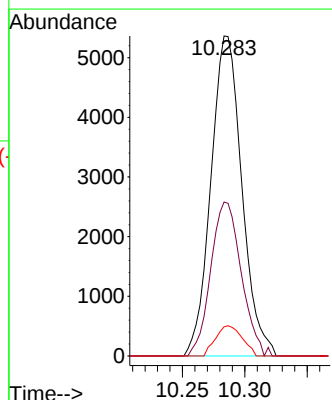
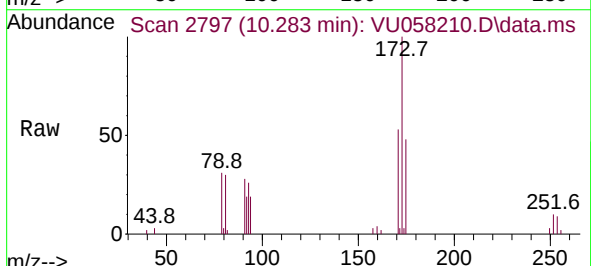
Tgt Ion:173 Resp: 9272

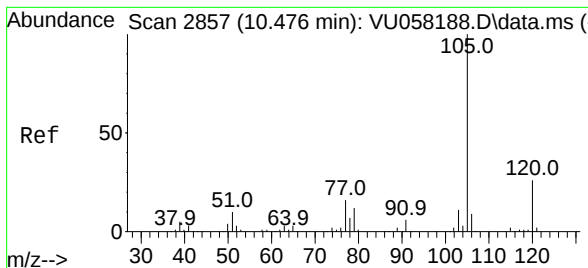
Ion Ratio Lower Upper

173 100

175 47.3 40.9 61.3

254 8.1 5.8 8.8





#60

Isopropylbenzene

Concen: 5.222 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU058210.D

Acq: 25 Mar 2024 14:26

Instrument :

MSVOA_U

ClientSampleId :

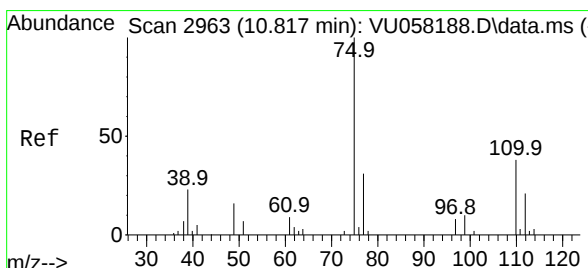
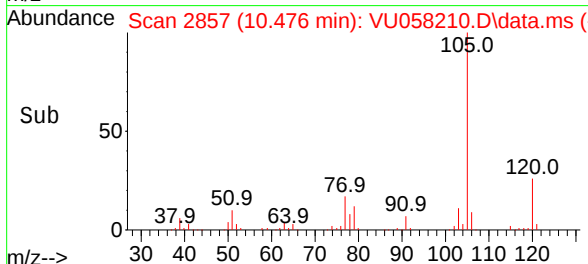
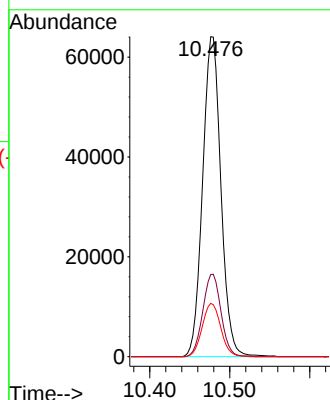
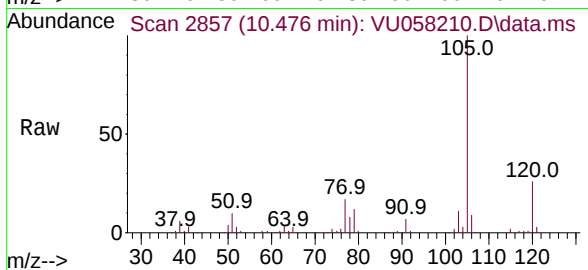
Tgt Ion:105 Resp: 102226

Ion Ratio Lower Upper

105 100

120 25.7 20.5 30.7

77 16.8 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 5.072 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU058210.D

Acq: 25 Mar 2024 14:26

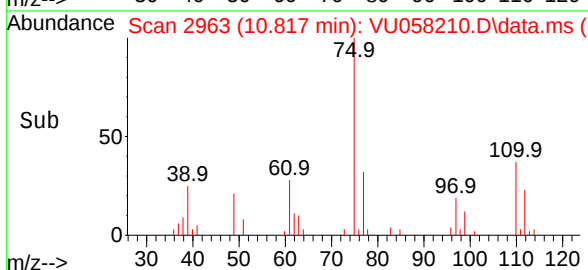
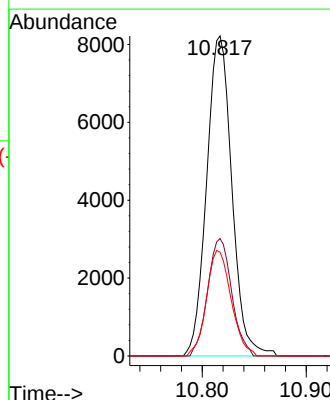
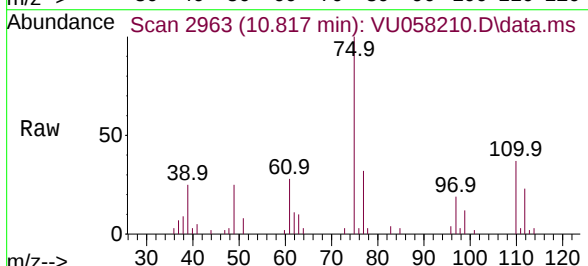
Tgt Ion: 75 Resp: 13839

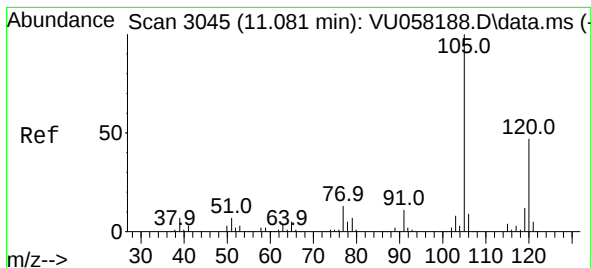
Ion Ratio Lower Upper

75 100

110 35.0 28.1 42.1

77 32.1 25.1 37.7





#62

1,3,5-Trimethylbenzene

Concen: 5.160 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU058210.D

Acq: 25 Mar 2024 14:26

Instrument :

MSVOA_U

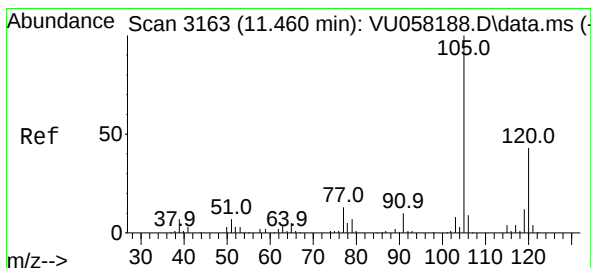
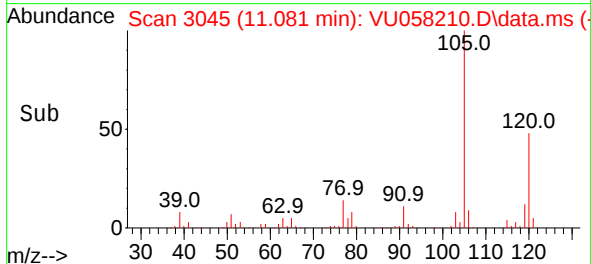
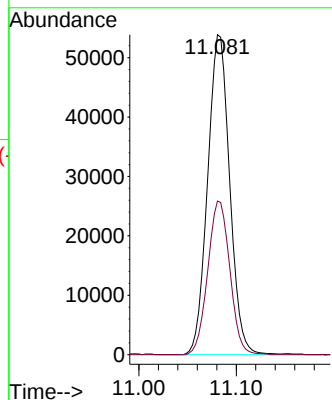
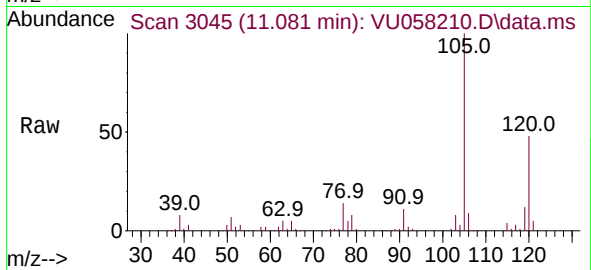
ClientSampleId :

Tgt Ion:105 Resp: 84763

Ion Ratio Lower Upper

105 100

120 48.0 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 5.205 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU058210.D

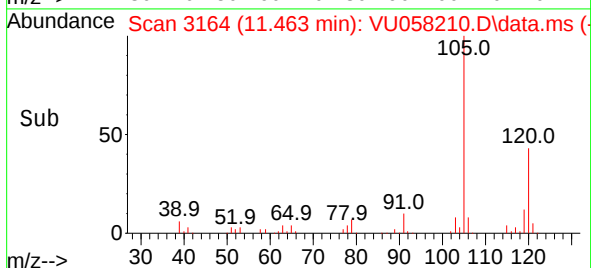
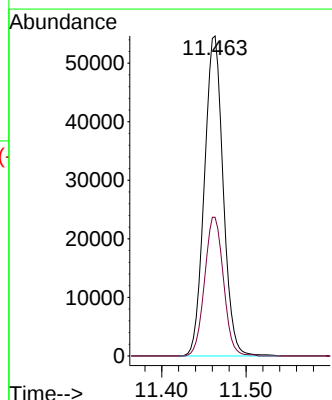
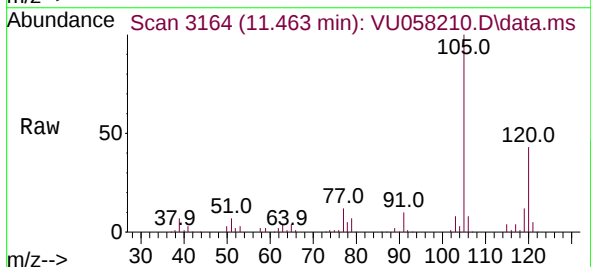
Acq: 25 Mar 2024 14:26

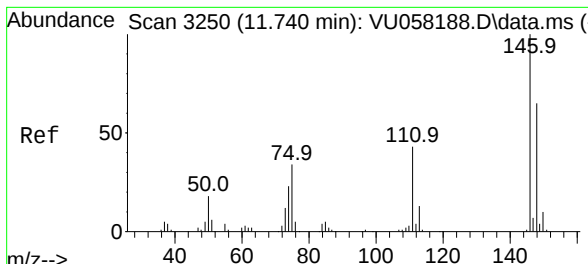
Tgt Ion:105 Resp: 84931

Ion Ratio Lower Upper

105 100

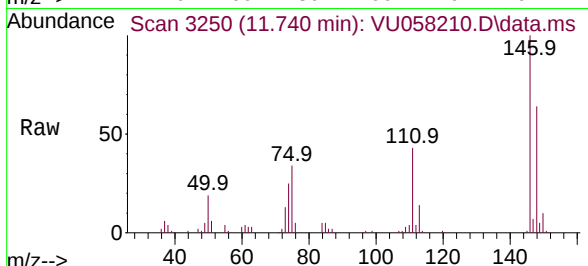
120 43.5 35.9 53.9



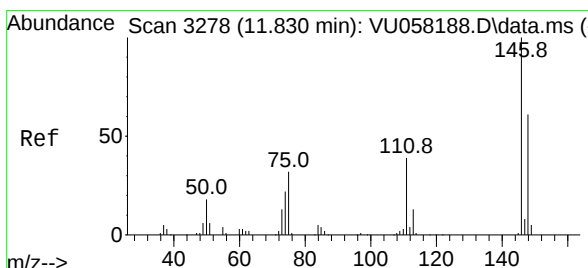
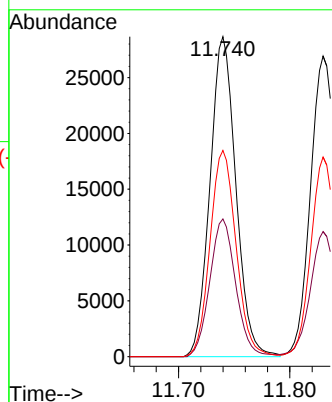
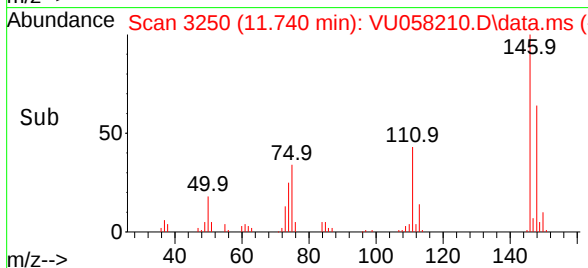


#64
1,3-Dichlorobenzene
Concen: 5.079 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU058210.D
Acq: 25 Mar 2024 14:26

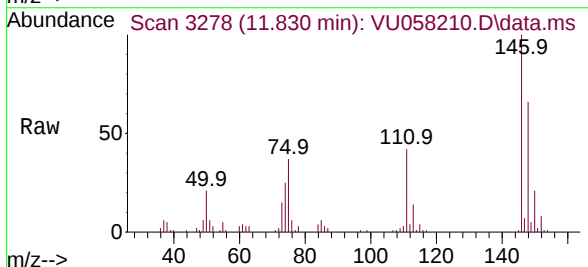
Instrument :
MSVOA_U
ClientSampleId :



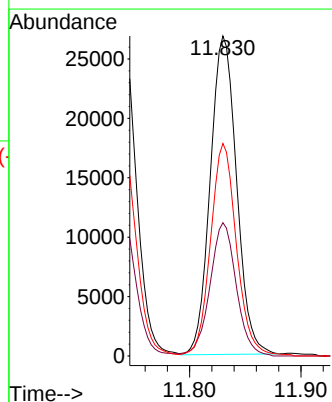
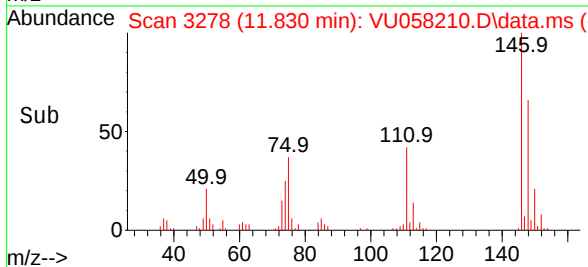
Tgt Ion:146 Resp: 46307
Ion Ratio Lower Upper
146 100
111 43.1 29.9 55.5
148 64.5 44.4 82.4

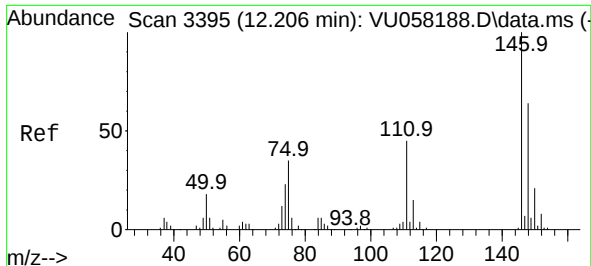


#65
1,4-Dichlorobenzene
Concen: 4.995 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU058210.D
Acq: 25 Mar 2024 14:26



Tgt Ion:146 Resp: 44016
Ion Ratio Lower Upper
146 100
111 41.6 29.0 53.8
148 66.4 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 5.176 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU058210.D

Acq: 25 Mar 2024 14:26

Instrument :

MSVOA_U

ClientSampleId :

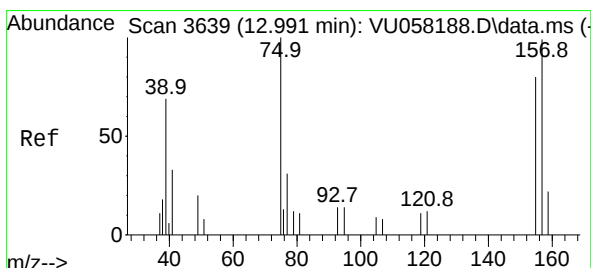
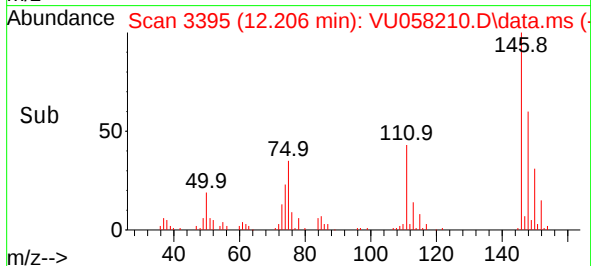
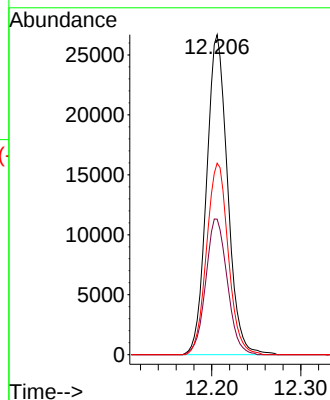
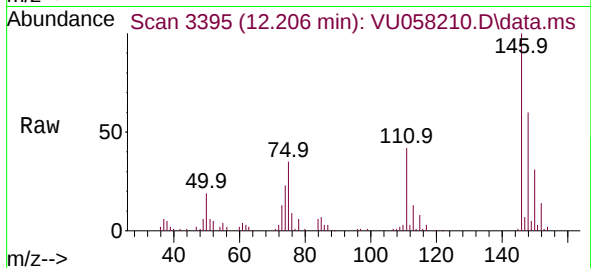
Tgt Ion:146 Resp: 43638

Ion Ratio Lower Upper

146 100

111 42.3 35.9 53.9

148 59.8 52.4 78.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.757 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU058210.D

Acq: 25 Mar 2024 14:26

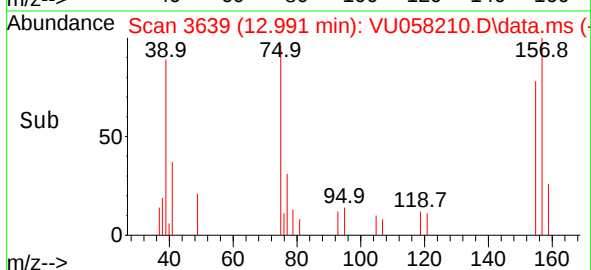
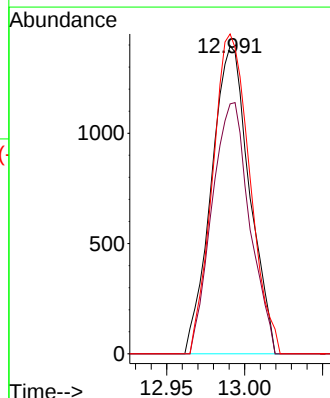
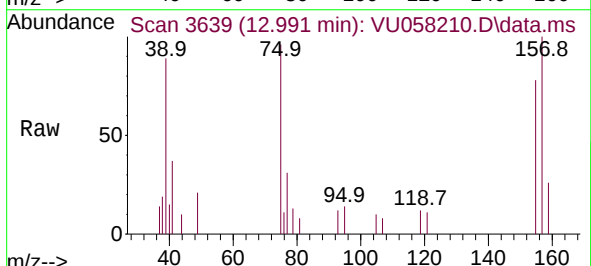
Tgt Ion: 75 Resp: 2369

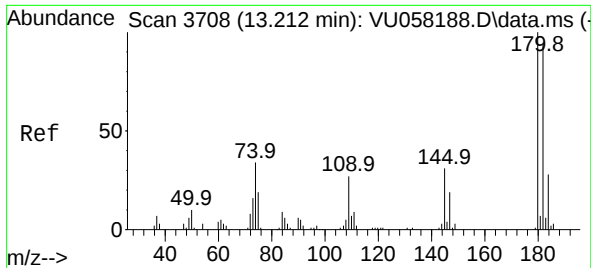
Ion Ratio Lower Upper

75 100

155 81.2 60.2 90.2

157 103.9 82.6 123.8





#69

1,3,5-Trichlorobenzene

Concen: 5.370 ug/L

RT: 13.212 min Scan# 31

Delta R.T. 0.000 min

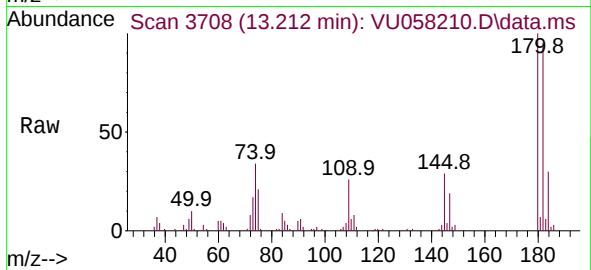
Lab File: VU058210.D

Acq: 25 Mar 2024 14:26

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 34232

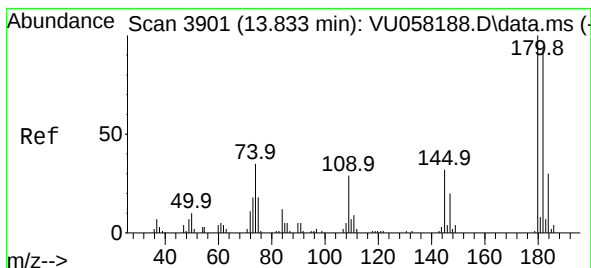
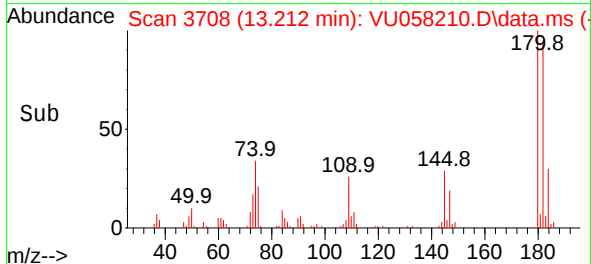
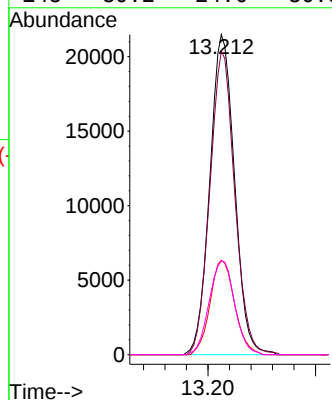
Ion Ratio Lower Upper

180 100

182 95.2 75.4 113.0

184 29.4 24.8 37.2

145 30.2 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 4.994 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU058210.D

Acq: 25 Mar 2024 14:26

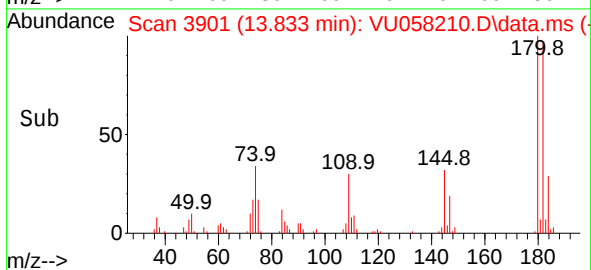
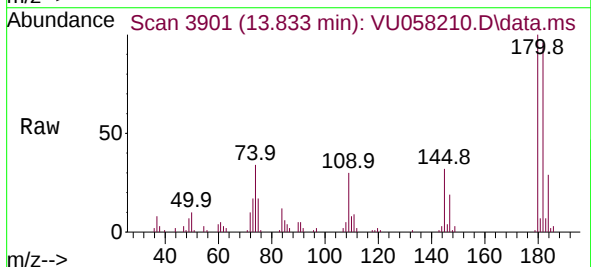
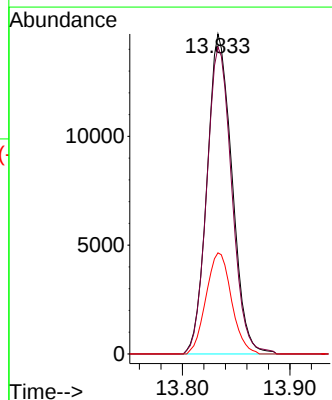
Tgt Ion:180 Resp: 23747

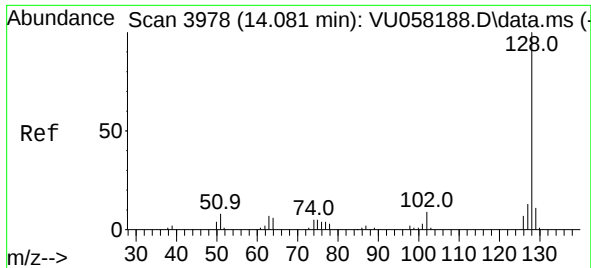
Ion Ratio Lower Upper

180 100

182 95.9 74.5 111.7

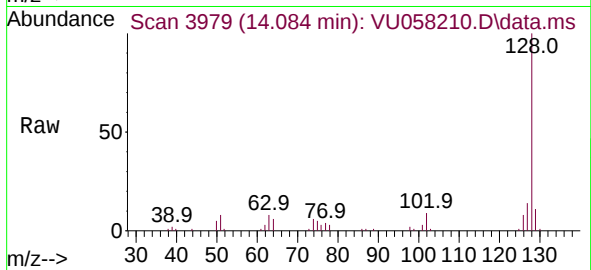
145 32.1 24.5 36.7



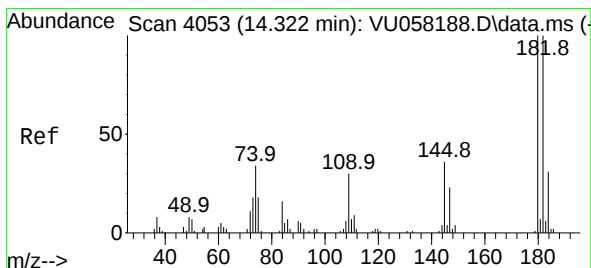
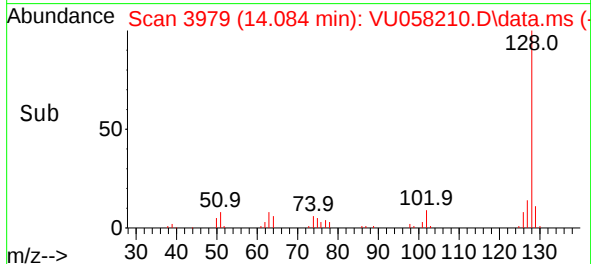
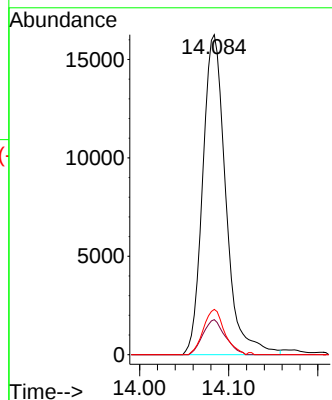


#71
Naphthalene
Concen: 4.509 ug/L
RT: 14.084 min Scan# 3978
Delta R.T. 0.003 min
Lab File: VU058210.D
Acq: 25 Mar 2024 14:26

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 29200
Ion Ratio Lower Upper
128 100
129 10.5 8.1 12.1
127 13.0 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.020 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VU058210.D
Acq: 25 Mar 2024 14:26

Tgt Ion:180 Resp: 19544
Ion Ratio Lower Upper
180 100
182 96.0 74.4 111.6
145 32.6 26.3 39.5

