

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
 Data File : VU058380.D
 Acq On : 04 Apr 2024 20:25
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 04 23:57:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 04 23:51:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	83224	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	79056	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	40433	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	28855	5.237	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 104.800%	
7) Chloroethane-d5	1.907	69	25080	5.238	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 104.800%	
11) 1,1-Dichloroethene-d2	2.560	65	13026	5.223	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 104.400%	
20) 2-Butanone-d5	4.631	46	62406	53.744	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 107.480%	
24) Chloroform-d	5.055	84	58640	5.331	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 106.600%	
26) 1,2-Dichloroethane-d4	5.692	65	27356	5.329	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 106.600%	
32) Benzene-d6	5.718	84	114673	5.388	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 107.800%	
36) 1,2-Dichloropropane-d6	6.682	67	35916	5.381	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 107.600%	
41) Toluene-d8	7.891	98	104190	5.520	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 110.400%	
43) trans-1,3-Dichloroprop...	8.174	79	11094	5.354	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 107.000%	
46) 2-Hexanone-d5	8.627	63	45750	53.535	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 107.080%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	23440	4.974	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 99.400%	
66) 1,2-Dichlorobenzene-d4	12.187	152	31535	4.631	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 92.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	34910	5.032	ug/L	100
3) Chloromethane	1.515	50	41351	4.871	ug/L	97
5) Vinyl chloride	1.599	62	43115	5.085	ug/L	100
6) Bromomethane	1.853	94	20517	5.115	ug/L	99
8) Chloroethane	1.930	64	26529	4.953	ug/L	100
9) Trichlorofluoromethane	2.133	101	56944	5.086	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	33455	5.029	ug/L	97
12) 1,1-Dichloroethene	2.573	96	30387	5.152	ug/L	99
13) Acetone	2.644	43	46103	46.519	ug/L	99
14) Carbon disulfide	2.788	76	92889	4.958	ug/L	100
15) Methyl Acetate	2.956	43	12724	5.441	ug/L	99
16) Methylene chloride	3.036	84	43444	5.550	ug/L	97
17) Methyl tert-butyl Ether	3.351	73	71089	5.103	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	32438	5.248	ug/L	99
19) 1,1-Dichloroethane	3.859	63	68922	5.108	ug/L	100
21) 2-Butanone	4.708	43	71799	48.470	ug/L	96
22) cis-1,2-Dichloroethene	4.657	96	35871	5.167	ug/L	100
23) Bromochloromethane	4.965	128	14422	5.273	ug/L	95
25) Chloroform	5.078	83	67228	5.148	ug/L	99

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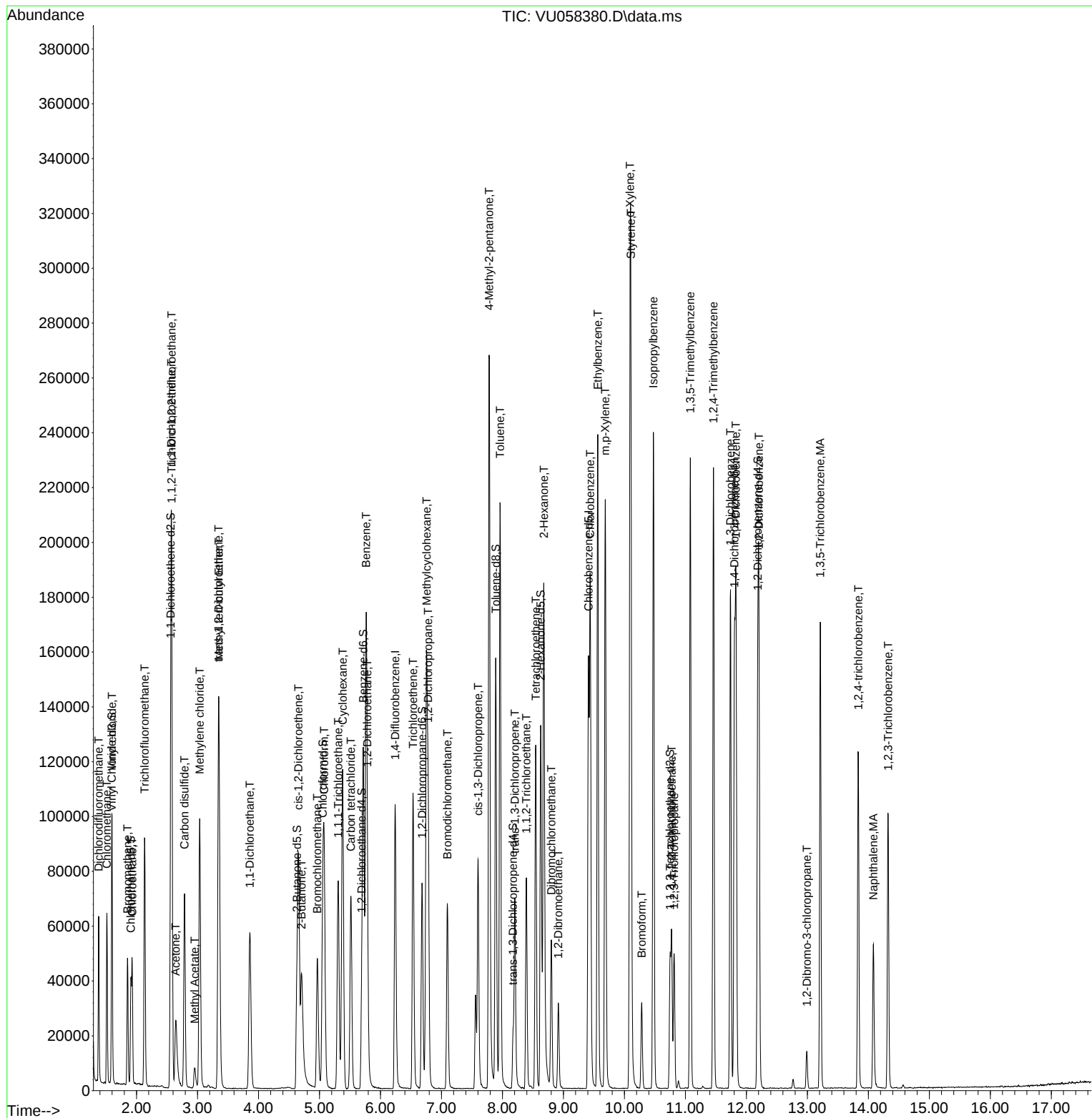
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	40990	5.155	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	54182	5.112	ug/L	99
30) Cyclohexane	5.380	56	56432	5.041	ug/L	98
31) Carbon tetrachloride	5.515	117	46949	5.230	ug/L	100
33) Benzene	5.766	78	148382	5.178	ug/L	100
34) Trichloroethene	6.534	95	37208	5.151	ug/L	98
35) Methylcyclohexane	6.756	83	55495	5.099	ug/L	99
37) 1,2-Dichloropropane	6.782	63	39666	5.261	ug/L	99
38) Bromodichloromethane	7.097	83	44026	5.116	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	48671	5.077	ug/L	96
40) 4-Methyl-2-pentanone	7.782	43	183387	51.674	ug/L	99
42) Toluene	7.962	91	154754	5.148	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	39134	5.176	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	23498	5.336	ug/L	97
47) Tetrachloroethene	8.547	164	26837	5.068	ug/L	97
48) 2-Hexanone	8.679	43	130977	51.987	ug/L	98
49) Dibromochloromethane	8.801	129	26373	5.180	ug/L	92
50) 1,2-Dibromoethane	8.917	107	20705	5.141	ug/L	98
51) Chlorobenzene	9.441	112	93260	5.128	ug/L	99
52) Ethylbenzene	9.563	91	164844	5.176	ug/L	98
53) m,p-Xylene	9.685	106	60111	5.271	ug/L	100
54) o-Xylene	10.094	106	59546	5.326	ug/L	96
55) Styrene	10.106	104	95448	5.307	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	27666	5.093	ug/L	100
59) Bromoform	10.283	173	13442	4.976	ug/L	98
60) Isopropylbenzene	10.476	105	149585	5.053	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	21020	5.095	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	120340	4.985	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	123167	4.997	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	70315	4.890	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	67429	4.813	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	63169	4.830	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	3591	5.133	ug/L	96
69) 1,3,5-Trichlorobenzene	13.212	180	50009	4.703	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	36128	4.406	ug/L	99
71) Naphthalene	14.084	128	43853	3.903	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	29823	4.405	ug/L	98

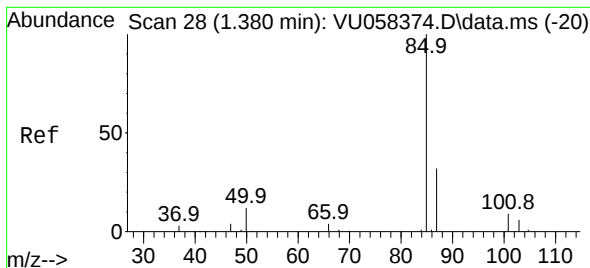
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#2

Dichlorodifluoromethane

Concen: 5.032 ug/L

RT: 1.380 min Scan# 28

Delta R.T. 0.000 min

Lab File: VU058380.D

Acq: 04 Apr 2024 20:25

Instrument :

MSVOA_U

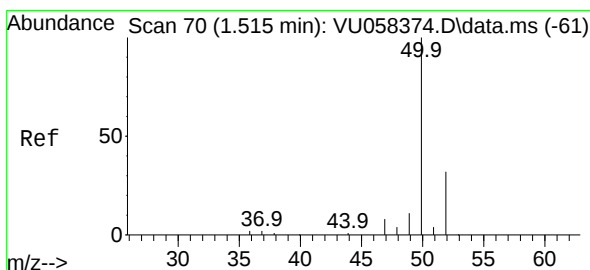
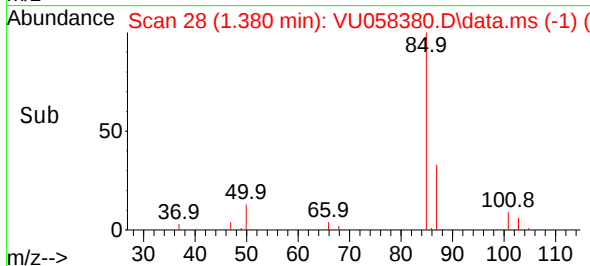
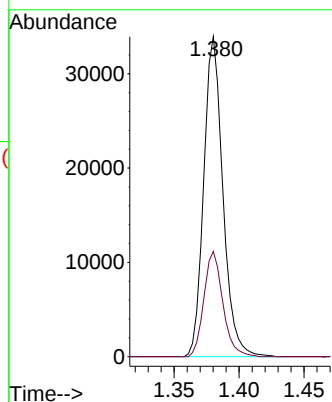
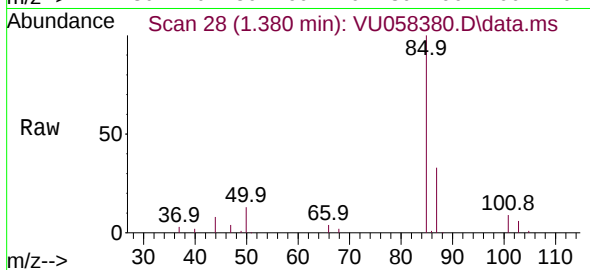
ClientSampleId :

Tgt Ion: 85 Resp: 34910

Ion Ratio Lower Upper

85 100

87 32.5 25.9 38.9



#3

Chloromethane

Concen: 4.871 ug/L

RT: 1.515 min Scan# 70

Delta R.T. 0.000 min

Lab File: VU058380.D

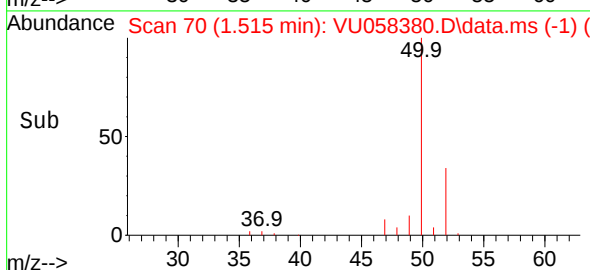
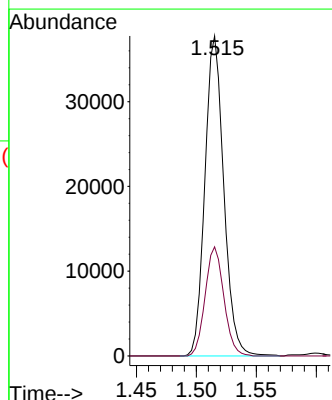
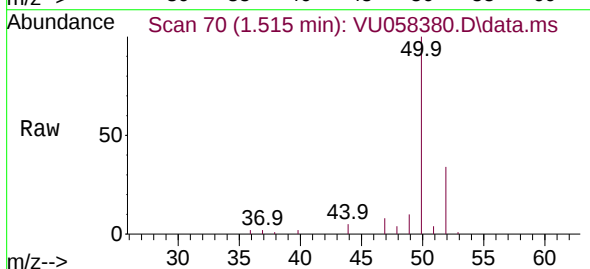
Acq: 04 Apr 2024 20:25

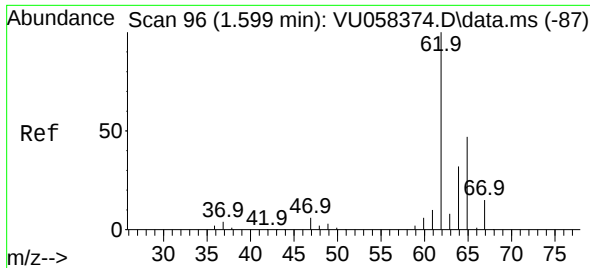
Tgt Ion: 50 Resp: 41351

Ion Ratio Lower Upper

50 100

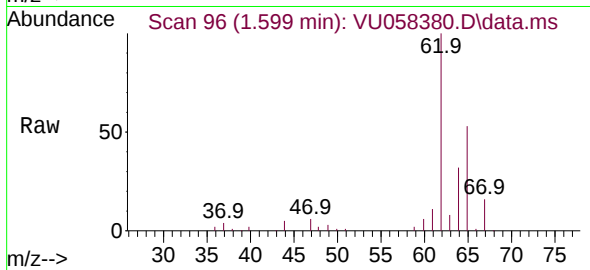
52 34.1 22.6 42.0



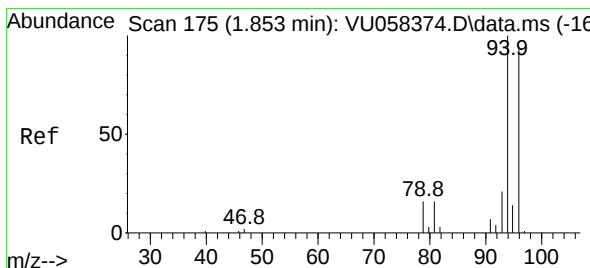
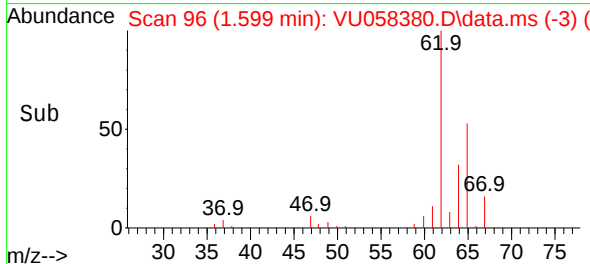
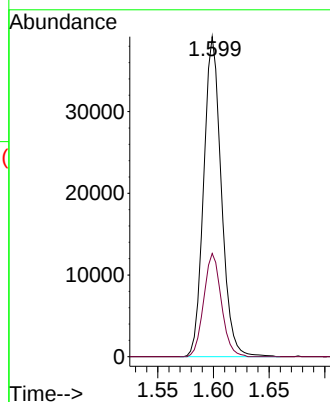


#5
 Vinyl chloride
 Concen: 5.085 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VU058380.D
 Acq: 04 Apr 2024 20:25

Instrument :
 MSVOA_U
 ClientSampleId :

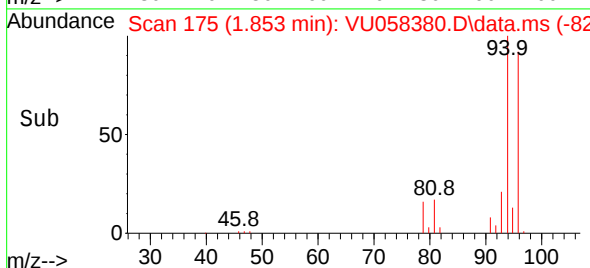
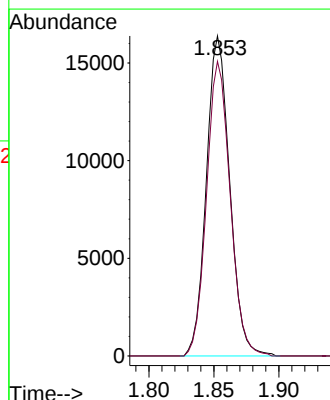
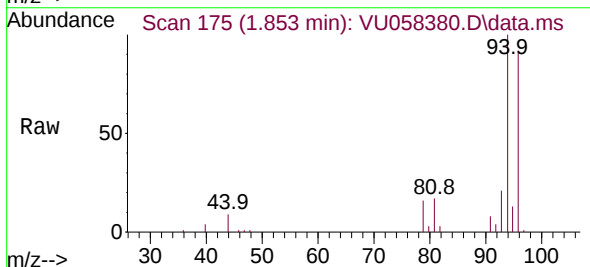


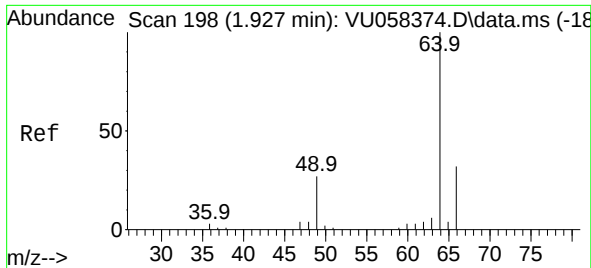
Tgt Ion: 62 Resp: 43115
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.6 42.0



#6
 Bromomethane
 Concen: 5.115 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU058380.D
 Acq: 04 Apr 2024 20:25

Tgt Ion: 94 Resp: 20517
 Ion Ratio Lower Upper
 94 100
 96 92.1 65.4 121.4

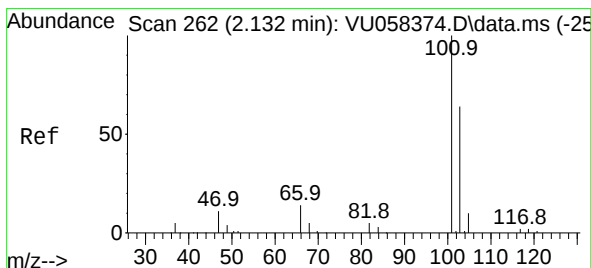
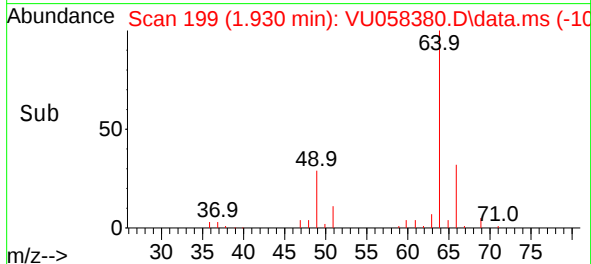
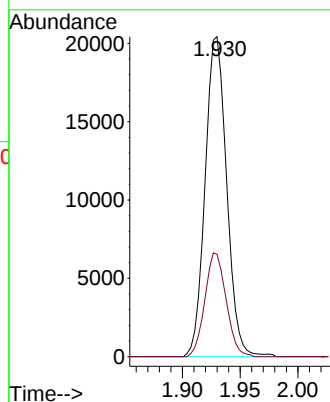
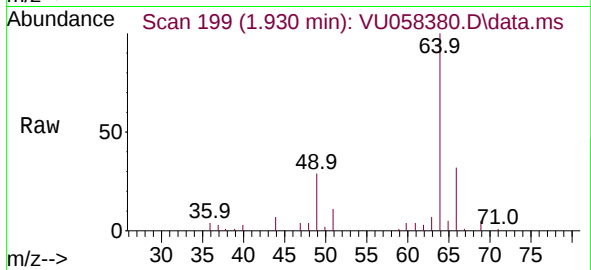




#8
Chloroethane
Concen: 4.953 ug/L
RT: 1.930 min Scan# 198
Delta R.T. 0.003 min
Lab File: VU058380.D
Acq: 04 Apr 2024 20:25

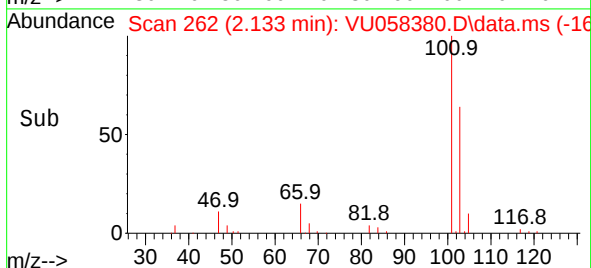
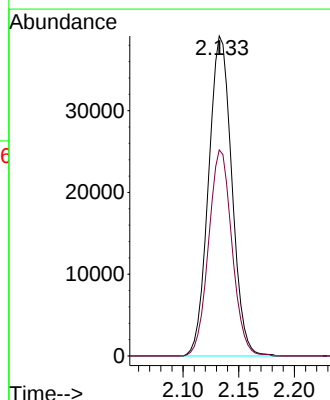
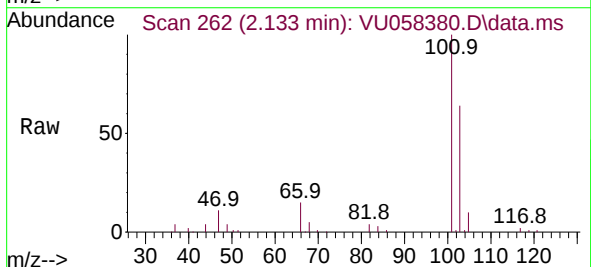
Instrument :
MSVOA_U
ClientSampleId :

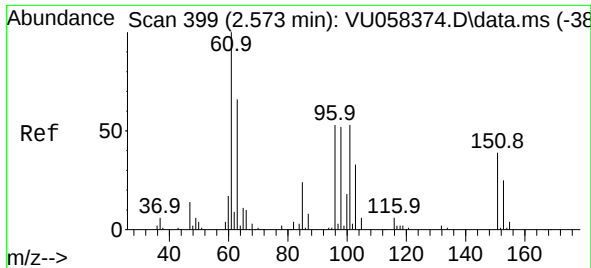
Tgt Ion: 64 Resp: 26529
Ion Ratio Lower Upper
64 100
66 32.0 22.5 41.9



#9
Trichlorofluoromethane
Concen: 5.086 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU058380.D
Acq: 04 Apr 2024 20:25

Tgt Ion:101 Resp: 56944
Ion Ratio Lower Upper
101 100
103 64.5 51.2 76.8

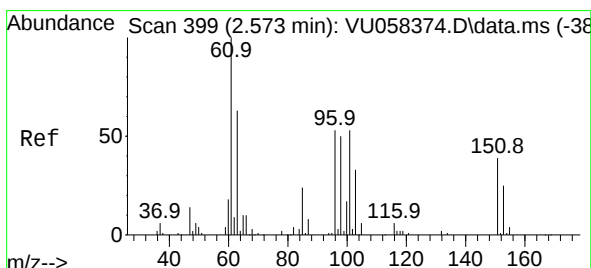
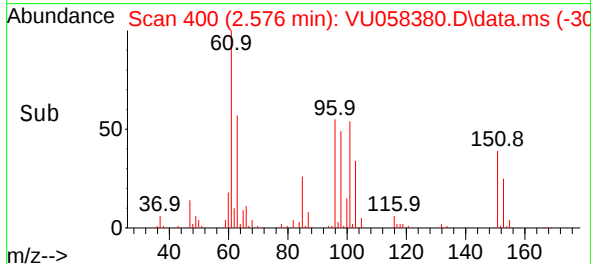
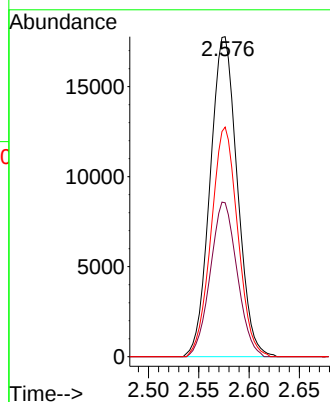
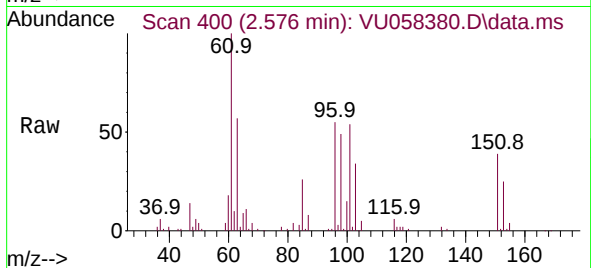




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.029 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU058380.D
Acq: 04 Apr 2024 20:25

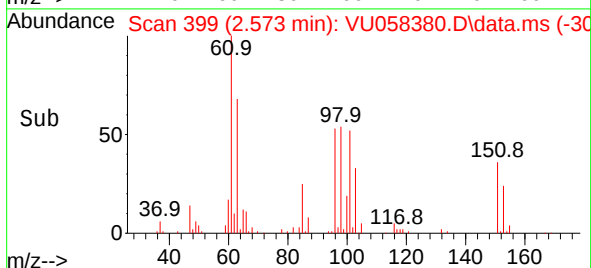
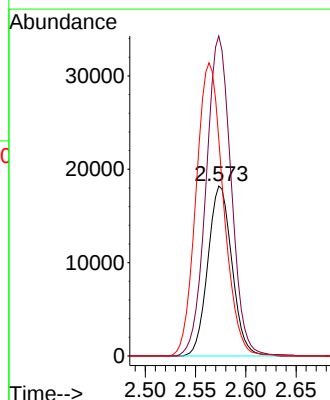
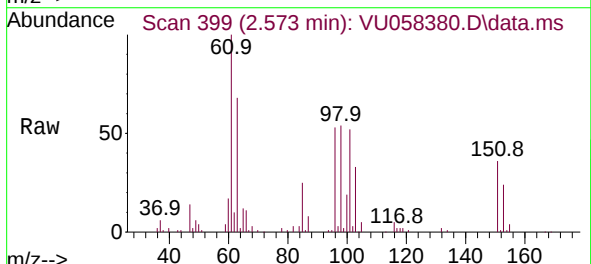
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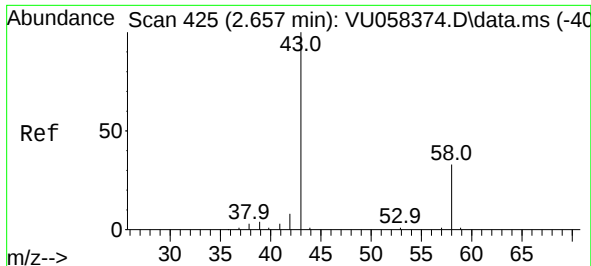
Tgt Ion:101 Resp: 33455
Ion Ratio Lower Upper
101 100
85 47.6 36.8 55.2
151 70.2 58.2 87.4



#12
1,1-Dichloroethene
Concen: 5.152 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU058380.D
Acq: 04 Apr 2024 20:25

Tgt Ion: 96 Resp: 30387
Ion Ratio Lower Upper
96 100
61 188.3 132.5 246.1
63 127.9 87.7 162.9





#13

Acetone

Concen: 46.519 ug/L

RT: 2.644 min Scan# 41

Delta R.T. -0.013 min

Lab File: VU058380.D

Acq: 04 Apr 2024 20:25

Instrument :

MSVOA_U

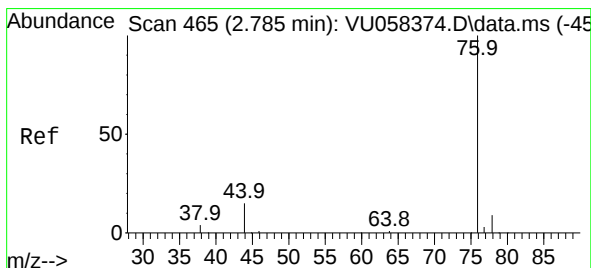
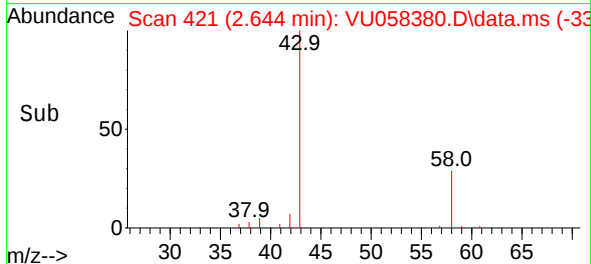
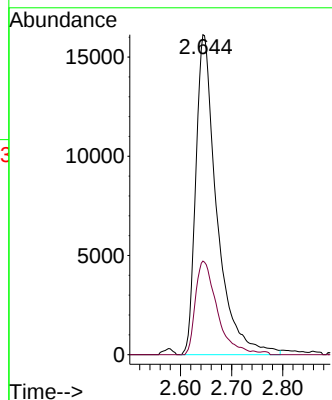
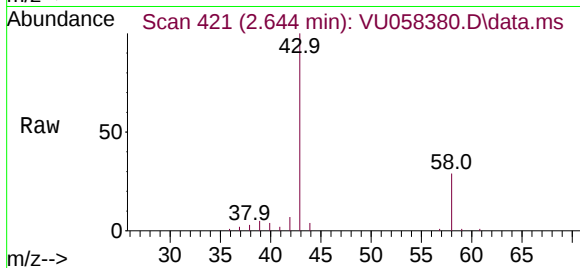
ClientSampleId :

Tgt Ion: 43 Resp: 46103

Ion Ratio Lower Upper

43 100

58 30.0 0.0 61.4



#14

Carbon disulfide

Concen: 4.958 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU058380.D

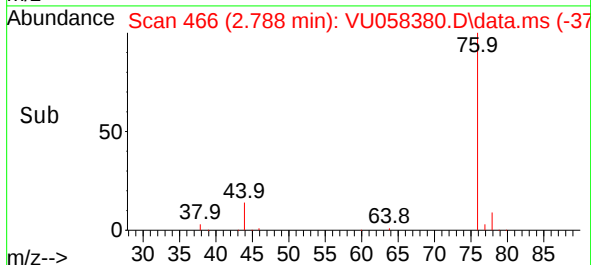
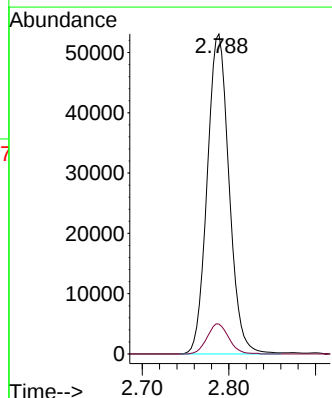
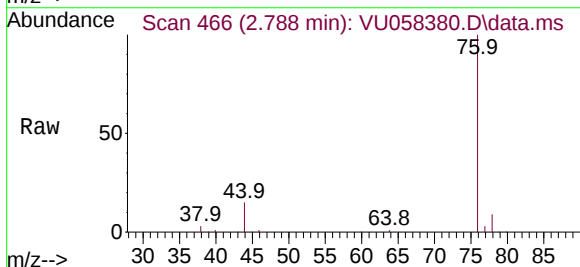
Acq: 04 Apr 2024 20:25

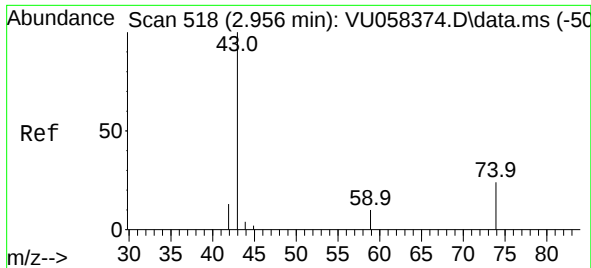
Tgt Ion: 76 Resp: 92889

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3





#15

Methyl Acetate

Concen: 5.441 ug/L

RT: 2.956 min Scan# 518

Delta R.T. 0.000 min

Lab File: VU058380.D

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Instrument :

MSVOA_U

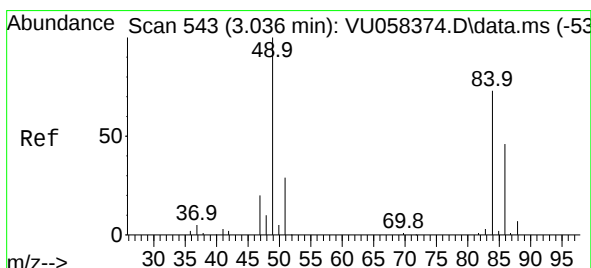
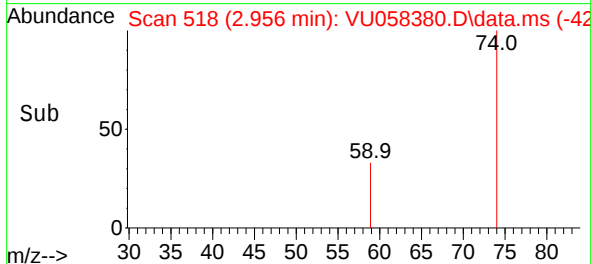
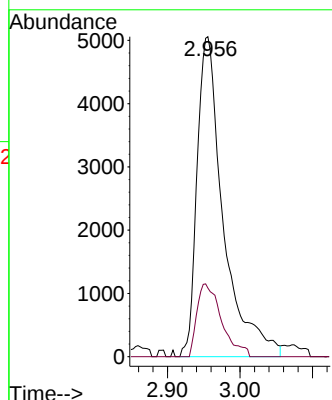
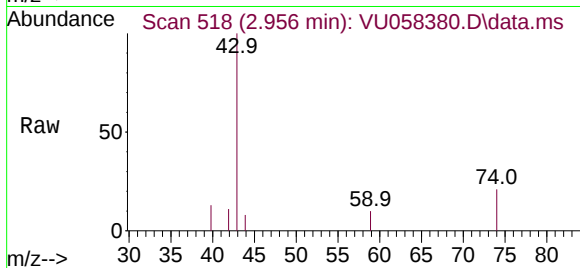
ClientSampleId :

Tgt Ion: 43 Resp: 12724

Ion Ratio Lower Upper

43 100

74 21.2 16.6 25.0



#16

Methylene chloride

Concen: 5.550 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.000 min

Lab File: VU058380.D

Acq: 04 Apr 2024 20:25

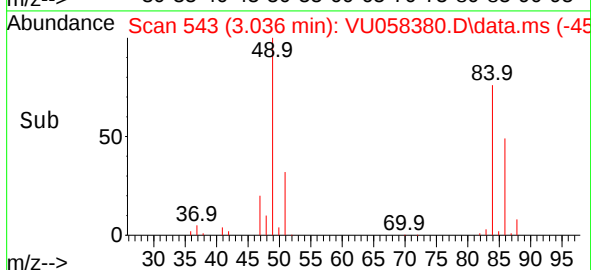
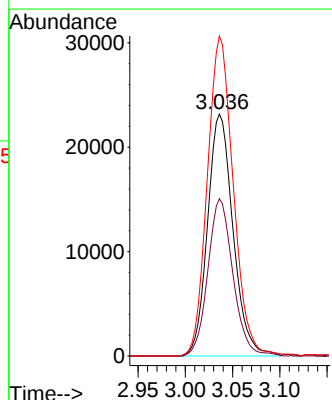
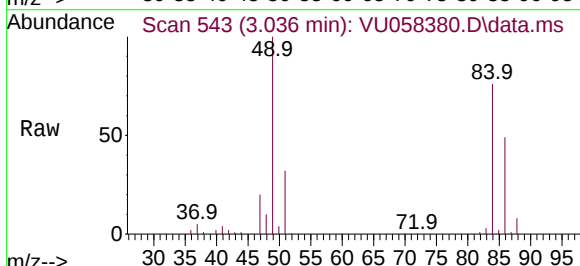
Tgt Ion: 84 Resp: 43444

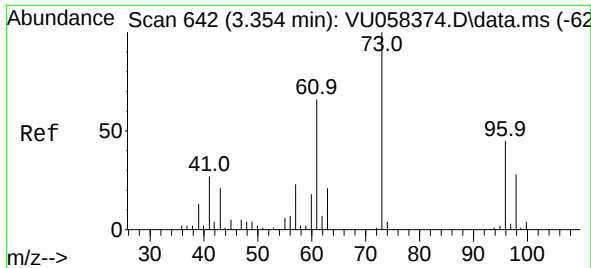
Ion Ratio Lower Upper

84 100

86 65.0 44.3 82.3

49 132.2 96.0 178.2

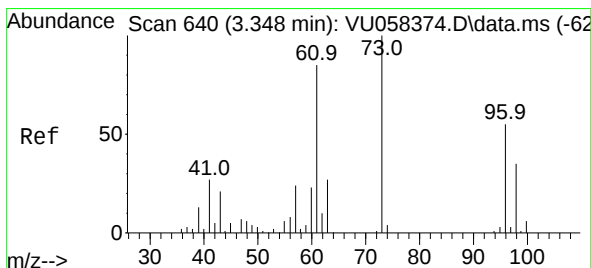
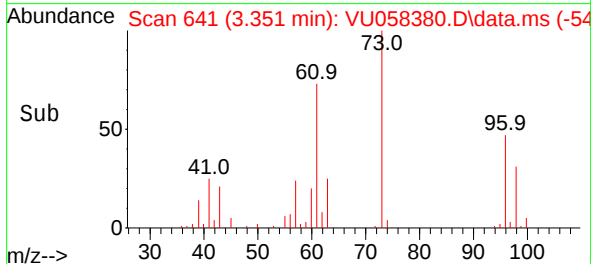
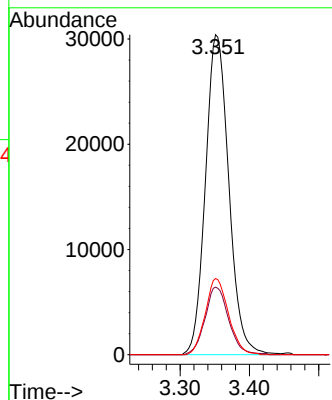
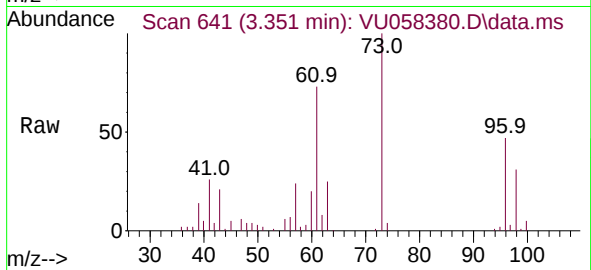




#17
Methyl tert-butyl Ether
Concen: 5.103 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU058380.D
Acq: 04 Apr 2024 20:25

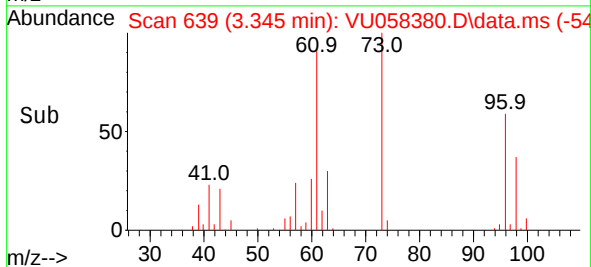
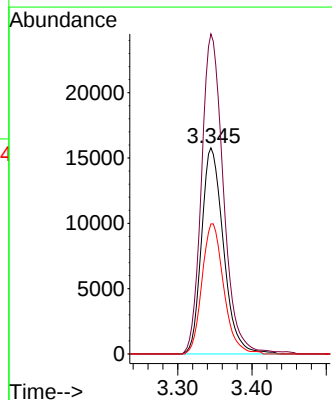
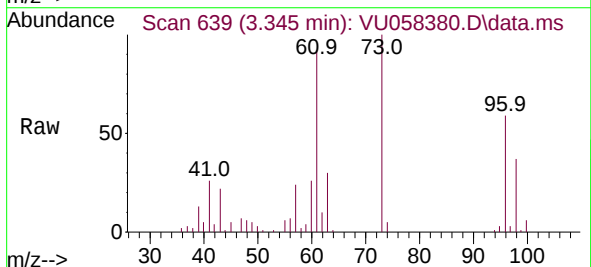
Instrument :
MSVOA_U
ClientSampleId :

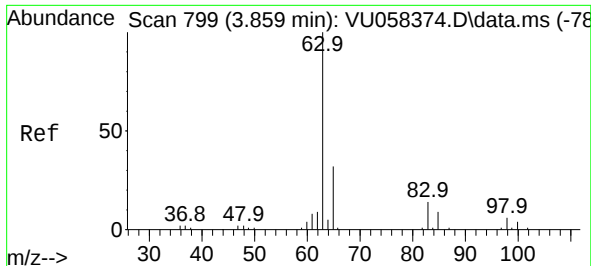
Tgt Ion: 73 Resp: 71089
Ion Ratio Lower Upper
73 100
43 21.5 17.4 26.2
57 23.6 18.6 27.8



#18
trans-1,2-Dichloroethene
Concen: 5.248 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU058380.D
Acq: 04 Apr 2024 20:25

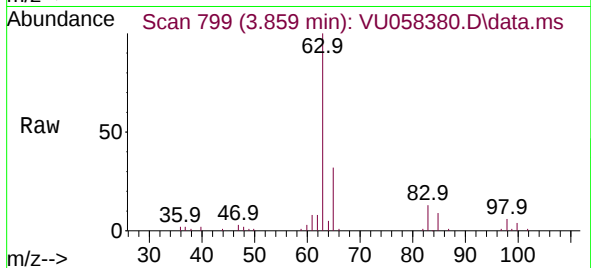
Tgt Ion: 96 Resp: 32438
Ion Ratio Lower Upper
96 100
61 155.3 107.6 199.8
98 63.1 45.1 83.7



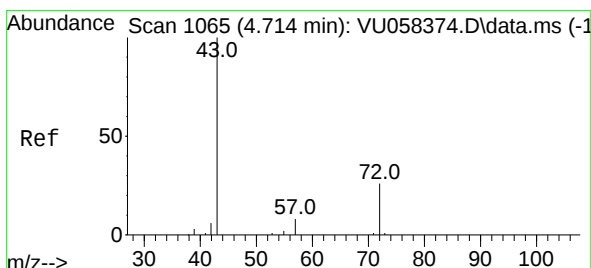
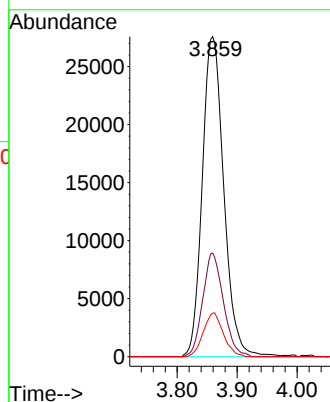
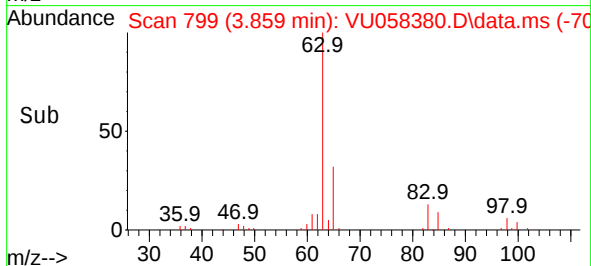


#19
1,1-Dichloroethane
Concen: 5.108 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU058380.D
Acq: 04 Apr 2024 20:25

Instrument :
MSVOA_U
ClientSampleId :

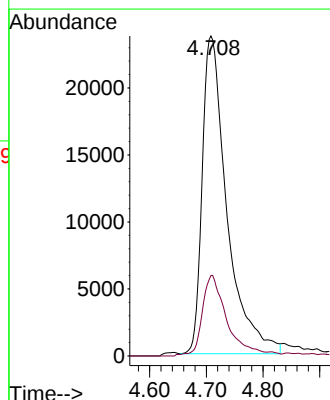
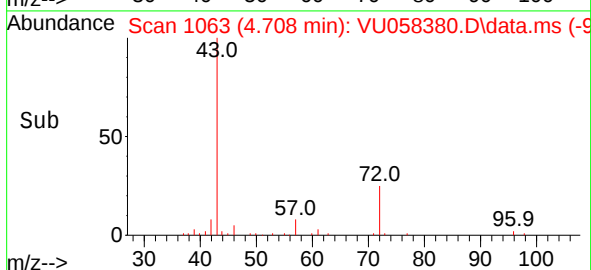
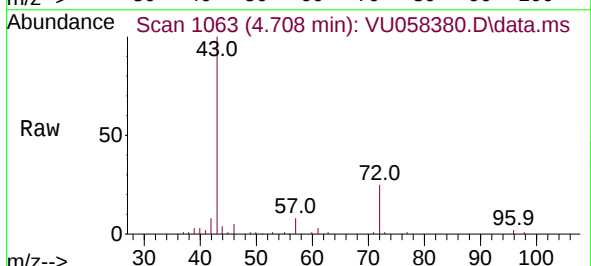


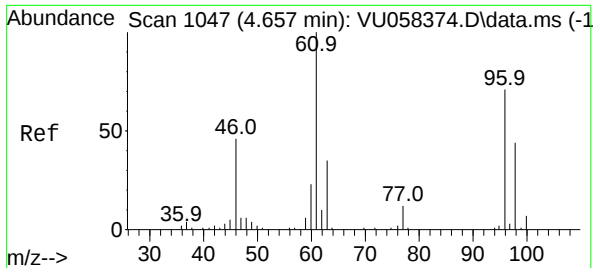
Tgt Ion: 63 Resp: 68922
Ion Ratio Lower Upper
63 100
65 32.4 22.9 42.5
83 13.6 9.6 17.8



#21
2-Butanone
Concen: 48.470 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VU058380.D
Acq: 04 Apr 2024 20:25

Tgt Ion: 43 Resp: 71799
Ion Ratio Lower Upper
43 100
72 25.0 11.7 35.0

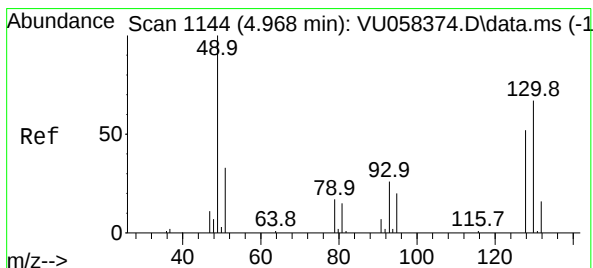
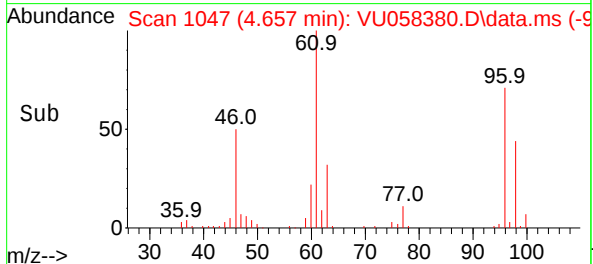
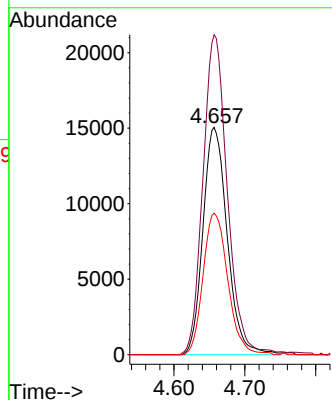
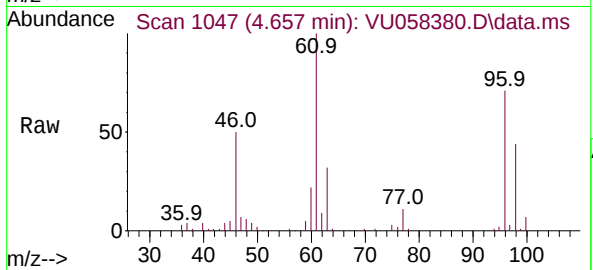




#22
 cis-1,2-Dichloroethene
 Concen: 5.167 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU058380.D
 Acq: 04 Apr 2024 20:25

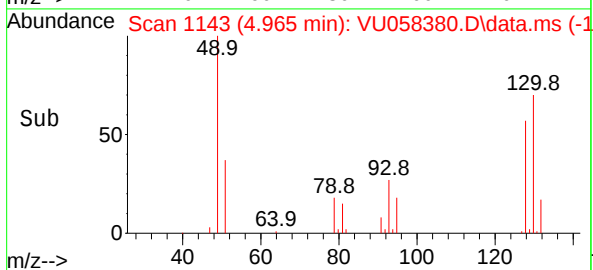
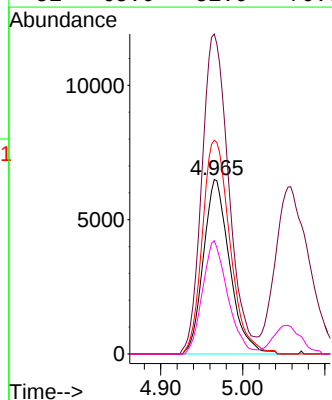
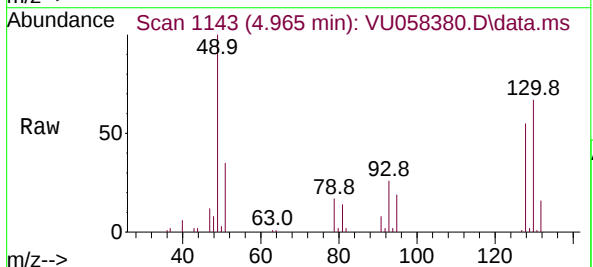
Instrument :
 MSVOA_U
 ClientSampleId :

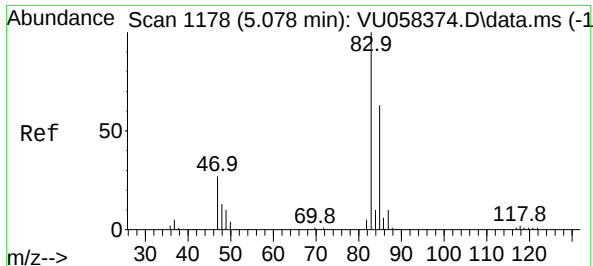
Tgt Ion: 96 Resp: 35871
 Ion Ratio Lower Upper
 96 100
 61 140.8 98.1 182.3
 98 62.2 43.6 81.0



#23
 Bromochloromethane
 Concen: 5.273 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.003 min
 Lab File: VU058380.D
 Acq: 04 Apr 2024 20:25

Tgt Ion:128 Resp: 14422
 Ion Ratio Lower Upper
 128 100
 49 183.4 134.4 249.6
 130 122.5 90.0 167.2
 51 65.0 51.0 76.6





#25

Chloroform

Concen: 5.148 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU058380.D

Acq: 04 Apr 2024 20:25

Instrument :

MSVOA_U

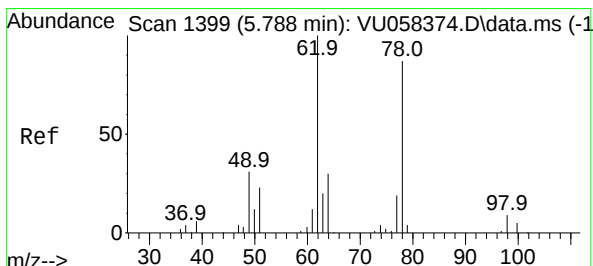
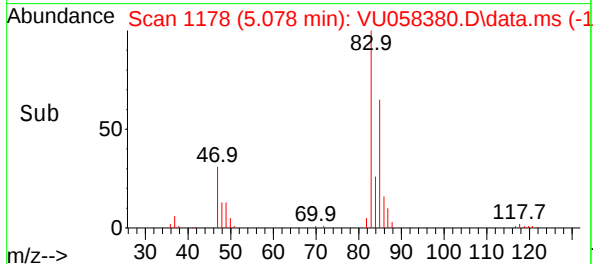
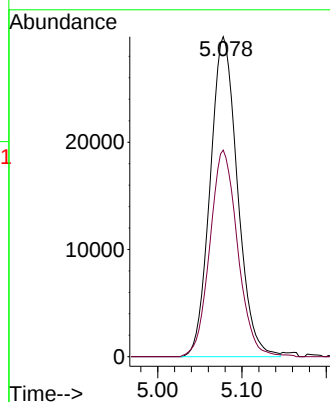
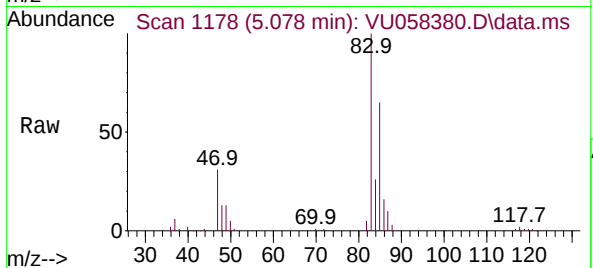
ClientSampleId :

Tgt Ion: 83 Resp: 67228

Ion Ratio Lower Upper

83 100

85 64.5 44.7 83.1



#27

1,2-Dichloroethane

Concen: 5.155 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.003 min

Lab File: VU058380.D

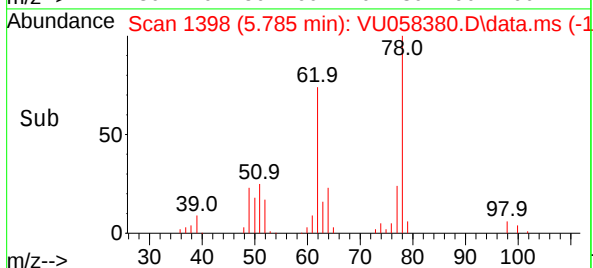
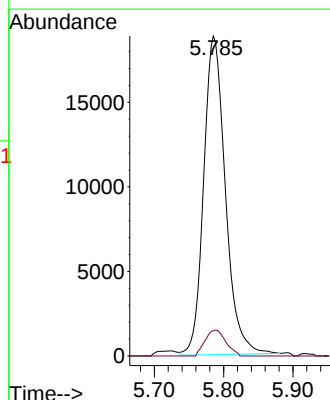
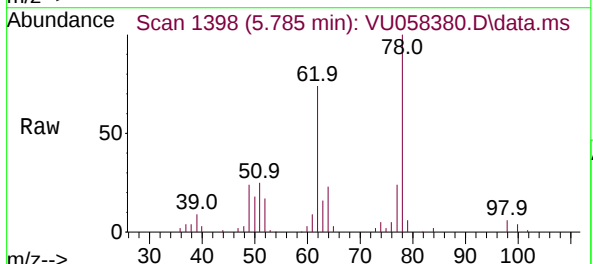
Acq: 04 Apr 2024 20:25

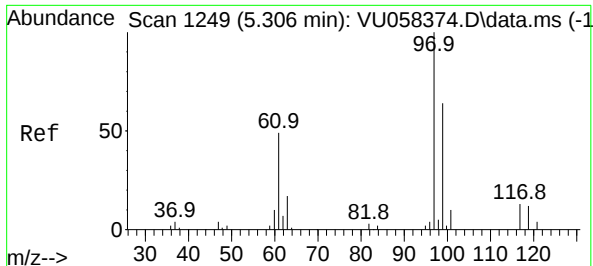
Tgt Ion: 62 Resp: 40990

Ion Ratio Lower Upper

62 100

98 7.9 7.0 10.4

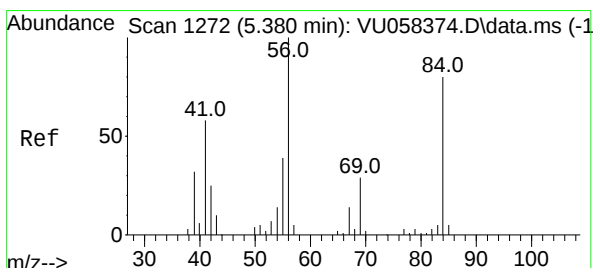
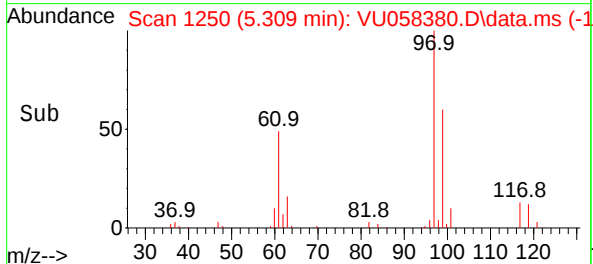
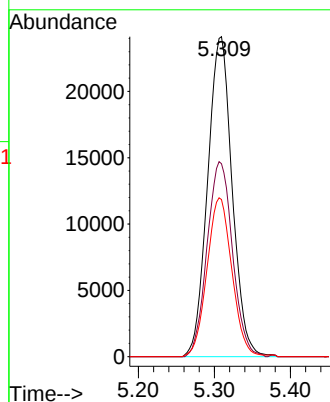
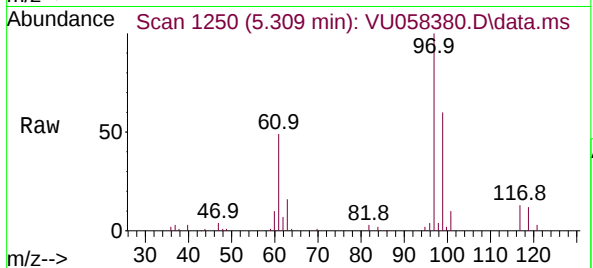




#29
1,1,1-Trichloroethane
Concen: 5.112 ug/L
RT: 5.309 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VU058380.D
Acq: 04 Apr 2024 20:25

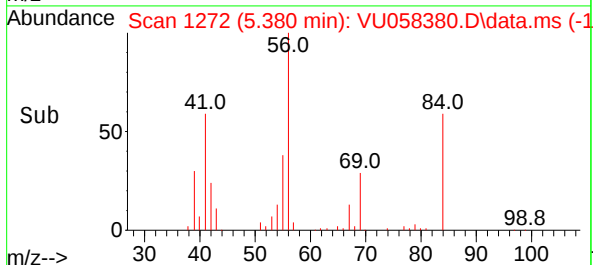
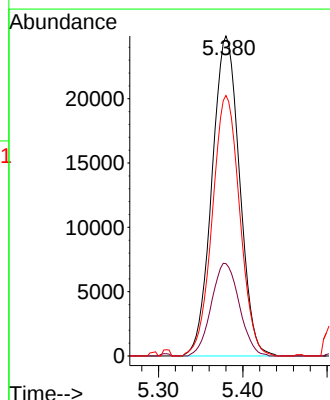
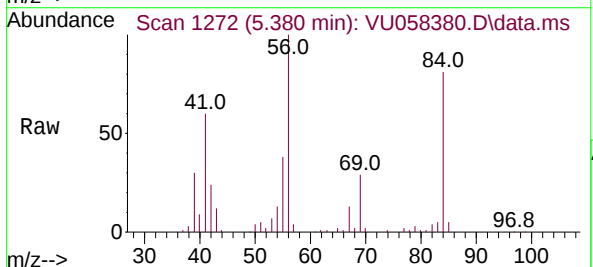
Instrument :
MSVOA_U
ClientSampleId :

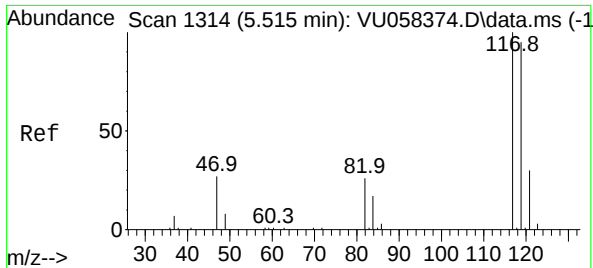
Tgt Ion: 97 Resp: 54182
Ion Ratio Lower Upper
97 100
99 63.0 50.4 75.6
61 50.3 39.4 59.0



#30
Cyclohexane
Concen: 5.041 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU058380.D
Acq: 04 Apr 2024 20:25

Tgt Ion: 56 Resp: 56432
Ion Ratio Lower Upper
56 100
69 29.4 23.2 34.8
84 81.0 63.3 94.9

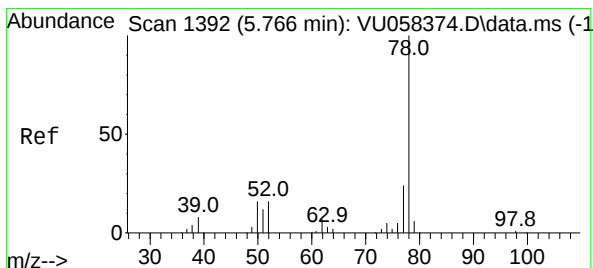
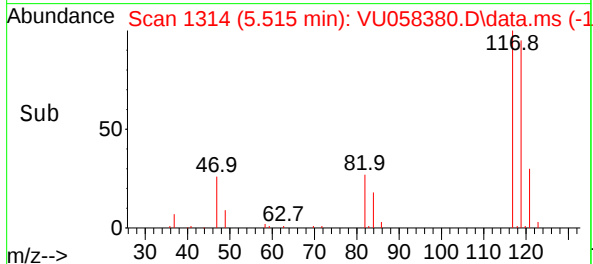
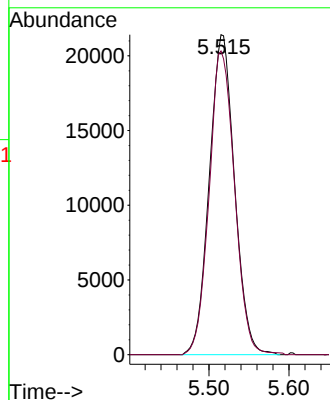
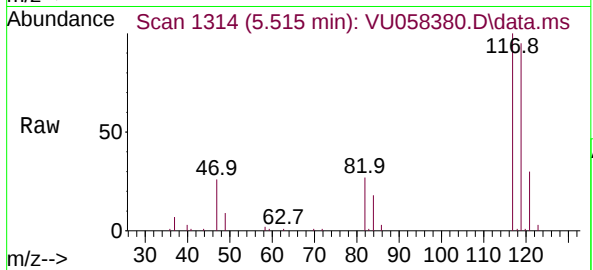




#31
Carbon tetrachloride
Concen: 5.230 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU058380.D
Acq: 04 Apr 2024 20:25

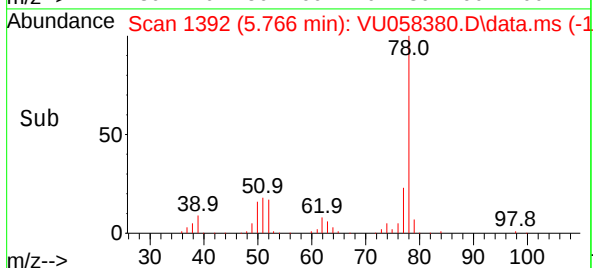
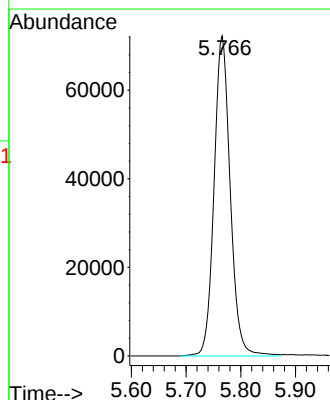
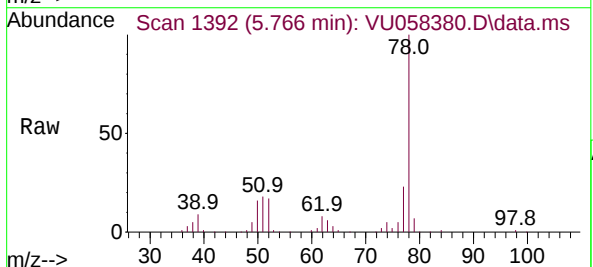
Instrument :
MSVOA_U
ClientSampleId :

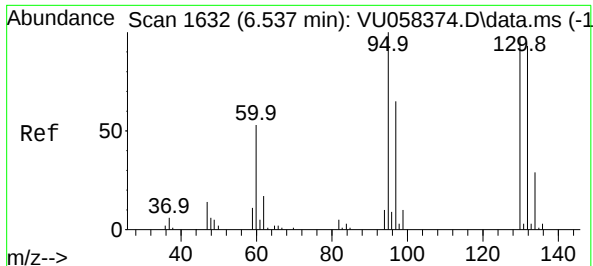
Tgt Ion:117 Resp: 46949
Ion Ratio Lower Upper
117 100
119 95.6 76.7 115.1



#33
Benzene
Concen: 5.178 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU058380.D
Acq: 04 Apr 2024 20:25

Tgt Ion: 78 Resp: 148382





#34

Trichloroethene

Concen: 5.151 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

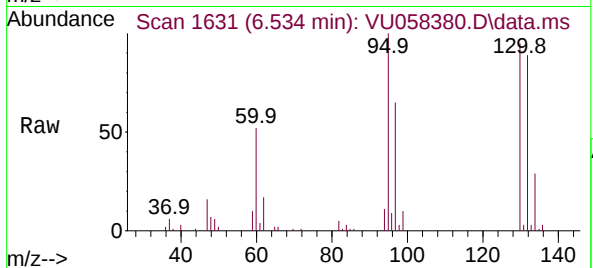
Lab File: VU058380.D

Acq: 04 Apr 2024 20:25

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 37208

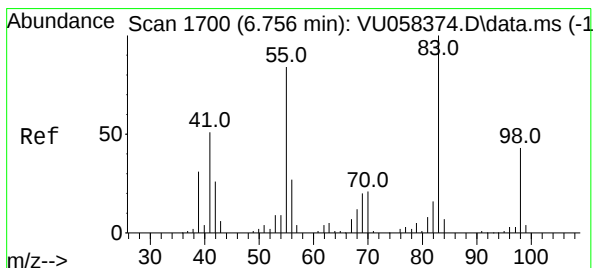
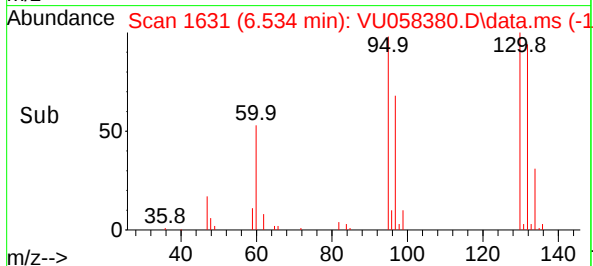
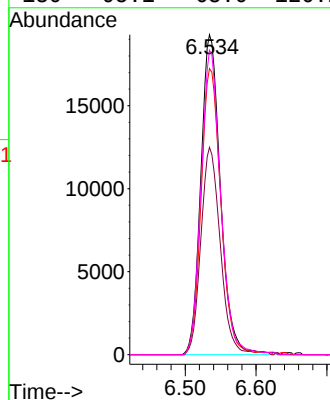
Ion Ratio Lower Upper

95 100

97 64.8 45.6 84.6

132 89.4 64.8 120.3

130 95.1 68.0 126.2



#35

Methylcyclohexane

Concen: 5.099 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU058380.D

Acq: 04 Apr 2024 20:25

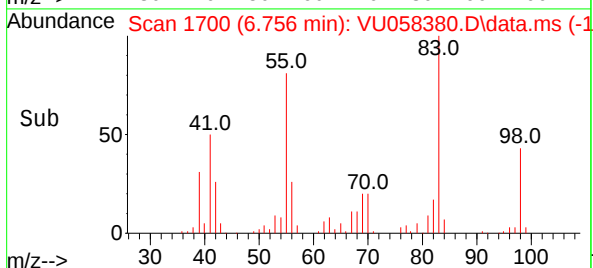
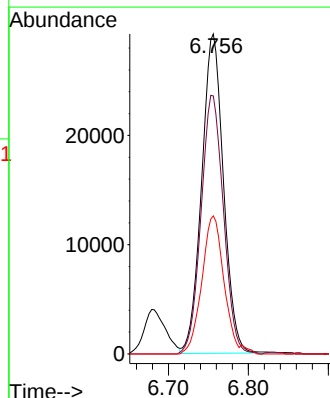
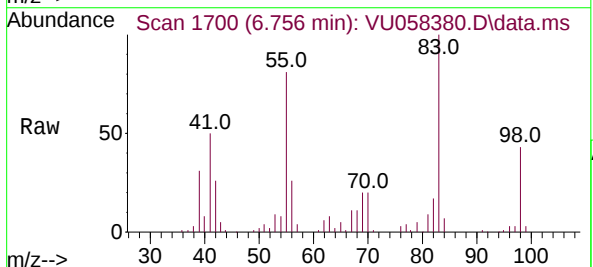
Tgt Ion: 83 Resp: 55495

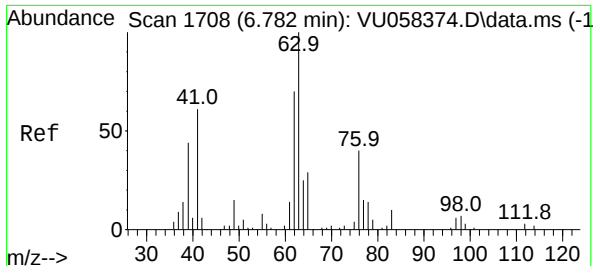
Ion Ratio Lower Upper

83 100

55 83.1 66.2 99.4

98 44.2 34.6 52.0

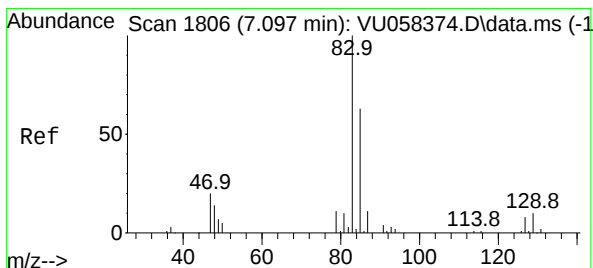
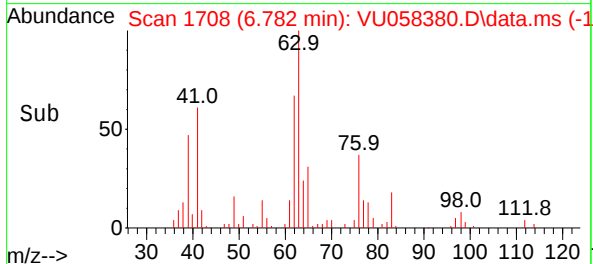
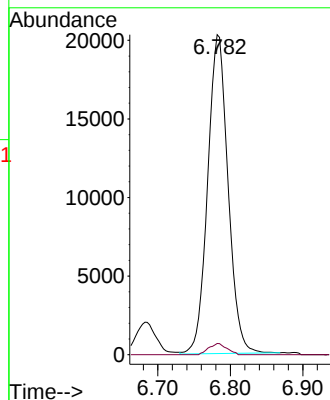
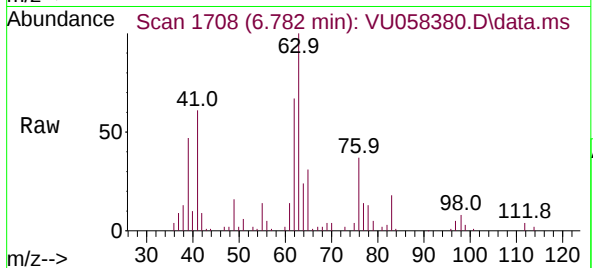




#37
1,2-Dichloropropane
Concen: 5.261 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VU058380.D
Acq: 04 Apr 2024 20:25

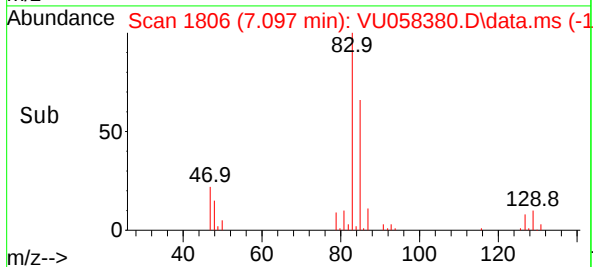
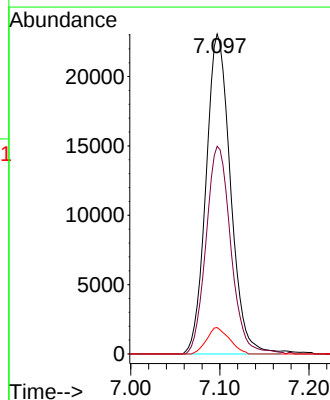
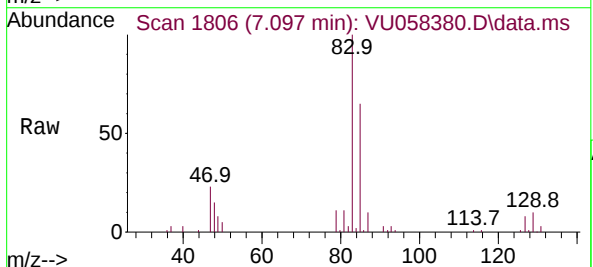
Instrument :
MSVOA_U
ClientSampleId :

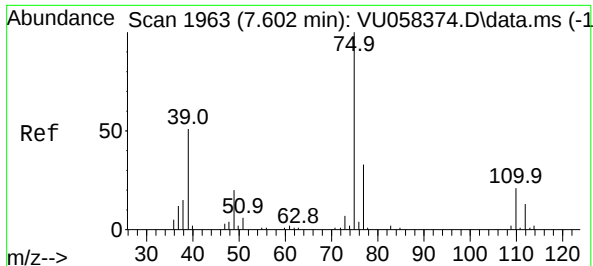
Tgt Ion: 63 Resp: 39666
Ion Ratio Lower Upper
63 100
112 3.1 2.6 4.0



#38
Bromodichloromethane
Concen: 5.116 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU058380.D
Acq: 04 Apr 2024 20:25

Tgt Ion: 83 Resp: 44026
Ion Ratio Lower Upper
83 100
85 64.9 44.2 82.2
127 8.2 6.5 9.7

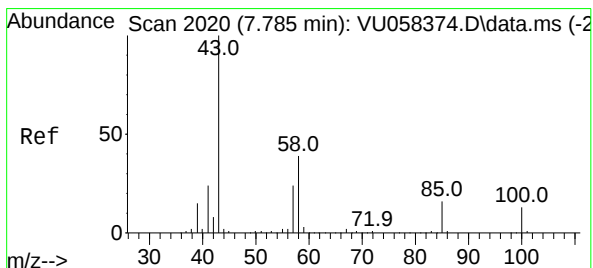
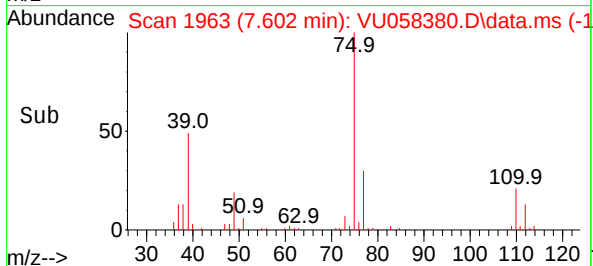
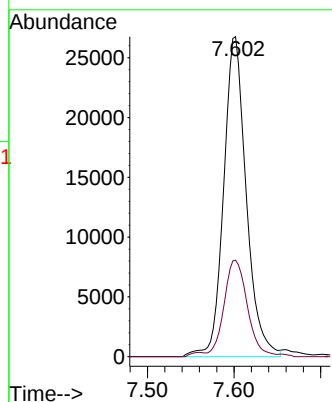
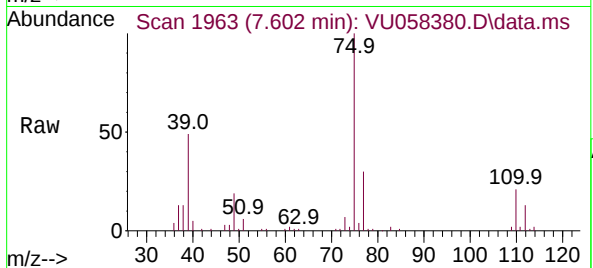




#39
 cis-1,3-Dichloropropene
 Concen: 5.077 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU058380.D
 Acq: 04 Apr 2024 20:25

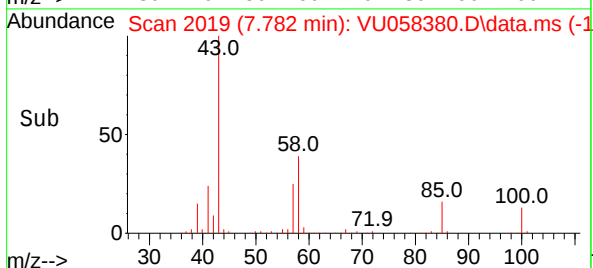
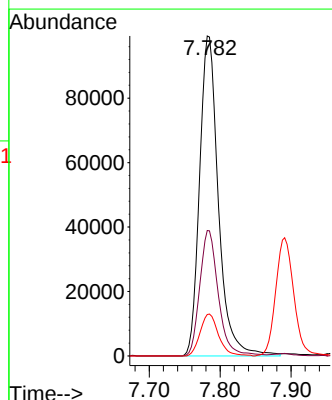
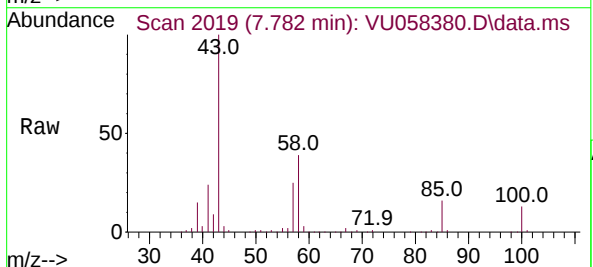
Instrument :
 MSVOA_U
 ClientSampleId :

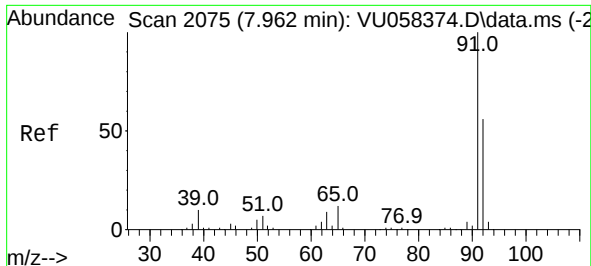
Tgt Ion: 75 Resp: 48671
 Ion Ratio Lower Upper
 75 100
 77 30.2 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 51.674 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.003 min
 Lab File: VU058380.D
 Acq: 04 Apr 2024 20:25

Tgt Ion: 43 Resp: 183387
 Ion Ratio Lower Upper
 43 100
 58 38.6 30.4 45.6
 100 12.9 10.3 15.5





#42

Toluene

Concen: 5.148 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU058380.D

Acq: 04 Apr 2024 20:25

Instrument :

MSVOA_U

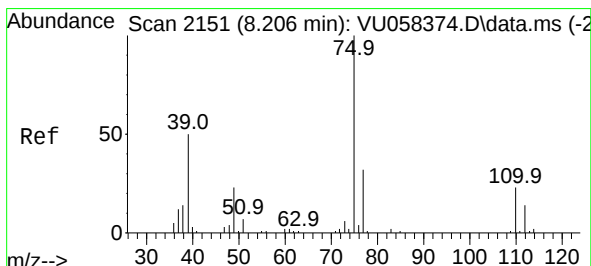
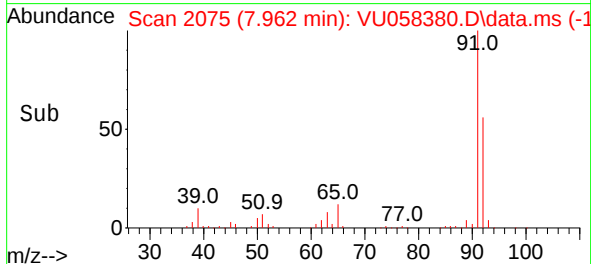
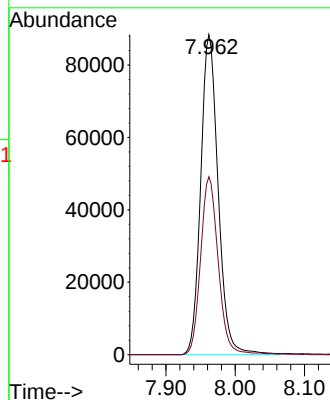
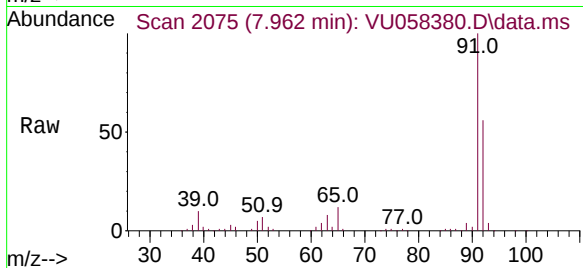
ClientSampleId :

Tgt Ion: 91 Resp: 154754

Ion Ratio Lower Upper

91 100

92 55.6 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 5.176 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU058380.D

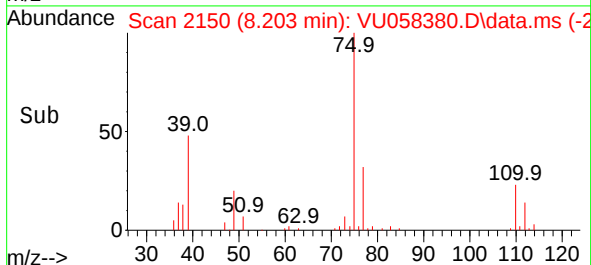
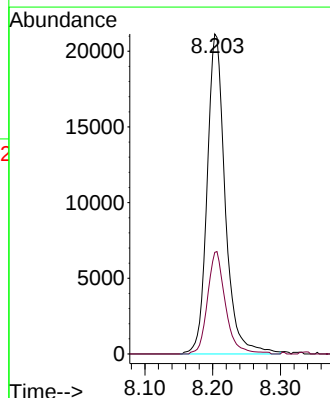
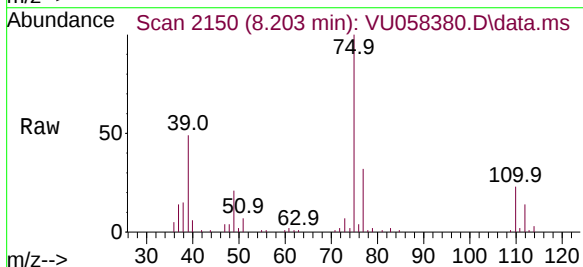
Acq: 04 Apr 2024 20:25

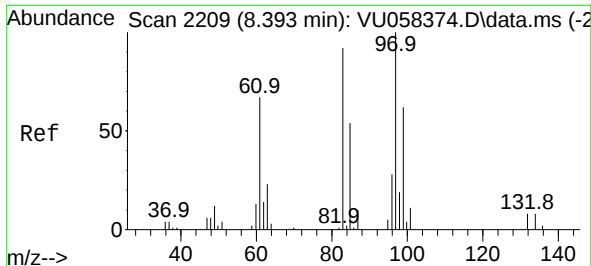
Tgt Ion: 75 Resp: 39134

Ion Ratio Lower Upper

75 100

77 31.7 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 5.336 ug/L

RT: 8.393 min Scan# 2209

Delta R.T. 0.000 min

Lab File: VU058380.D

Acq: 04 Apr 2024 20:25

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 23498

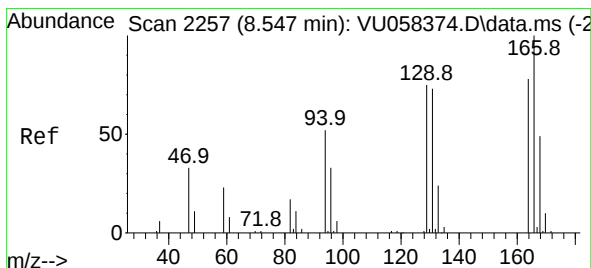
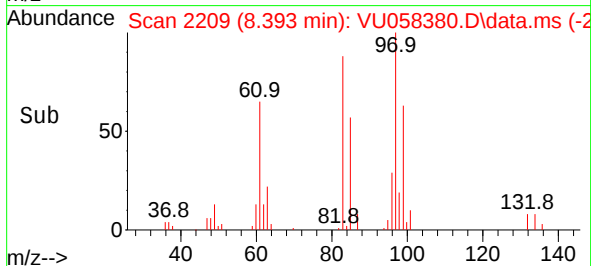
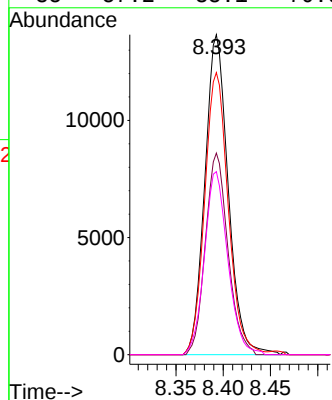
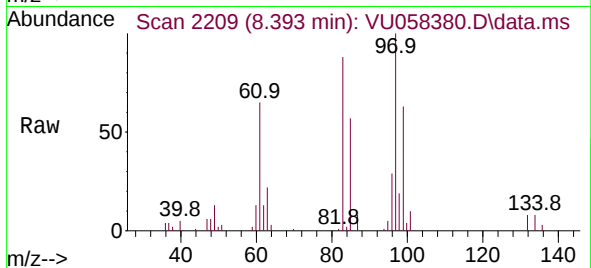
Ion Ratio Lower Upper

97 100

99 63.0 43.7 81.1

83 88.2 64.5 119.7

85 57.2 38.1 70.9



#47

Tetrachloroethene

Concen: 5.068 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU058380.D

Acq: 04 Apr 2024 20:25

Tgt Ion:164 Resp: 26837

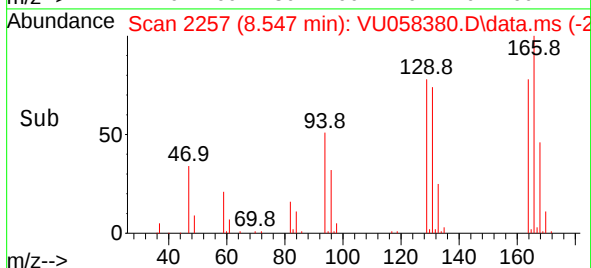
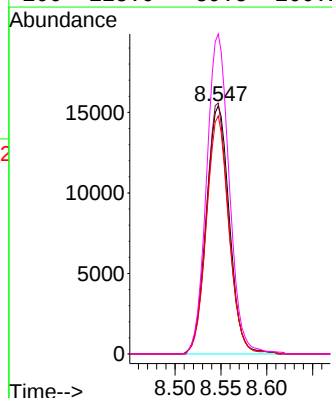
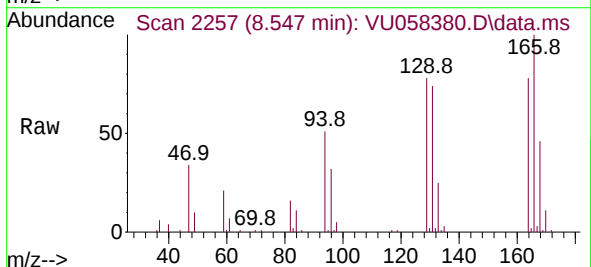
Ion Ratio Lower Upper

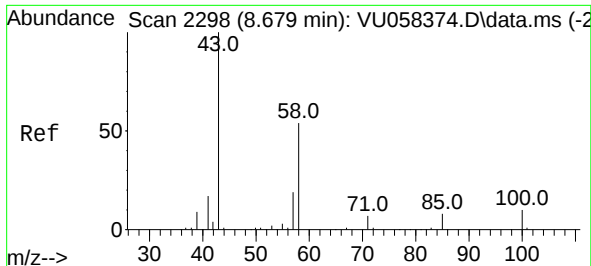
164 100

129 101.0 67.3 125.1

131 95.9 65.5 121.6

166 128.9 89.5 166.1





#48

2-Hexanone

Concen: 51.987 ug/L

RT: 8.679 min Scan# 21

Delta R.T. 0.000 min

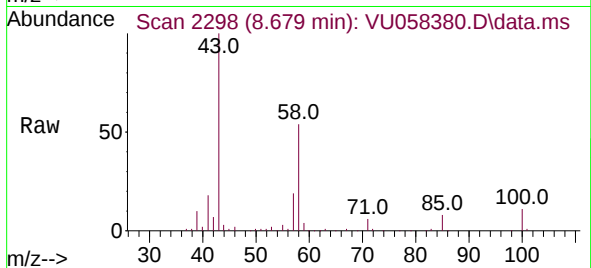
Lab File: VU058380.D

Acq: 04 Apr 2024 20:25

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 130977

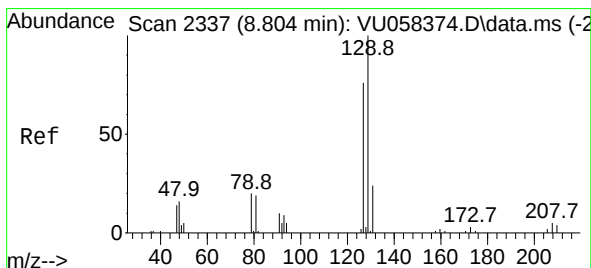
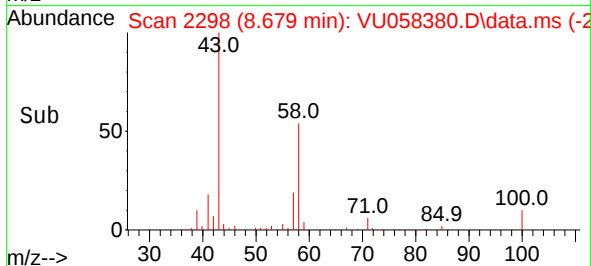
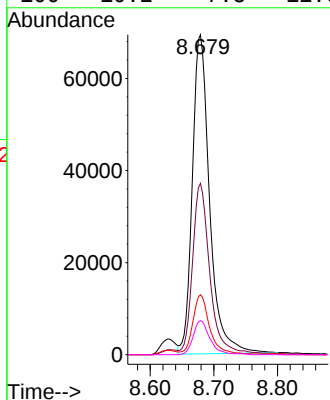
Ion Ratio Lower Upper

43 100

58 52.6 43.2 64.8

57 18.2 15.4 23.0

100 10.2 7.8 11.6



#49

Dibromochloromethane

Concen: 5.180 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. -0.003 min

Lab File: VU058380.D

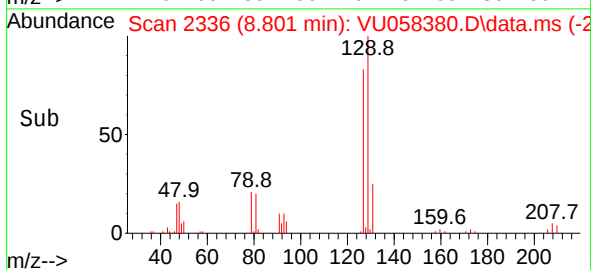
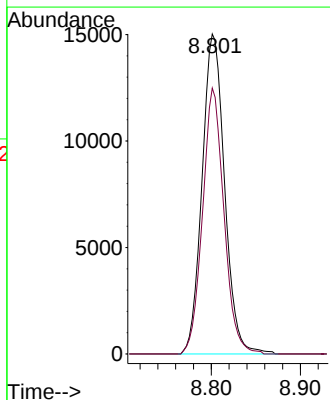
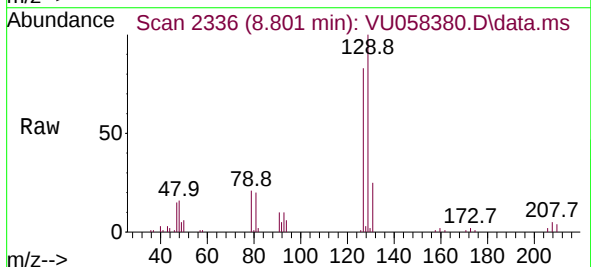
Acq: 04 Apr 2024 20:25

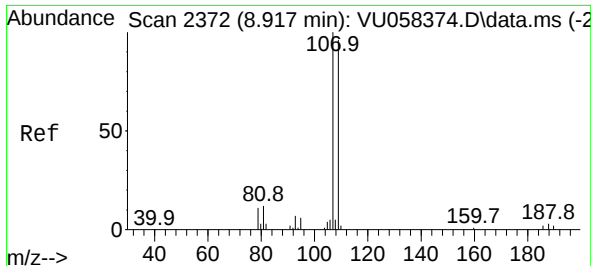
Tgt Ion: 129 Resp: 26373

Ion Ratio Lower Upper

129 100

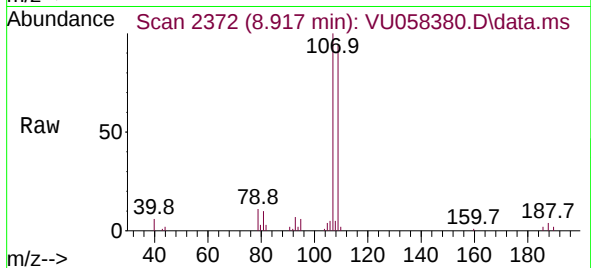
127 83.1 53.5 99.5



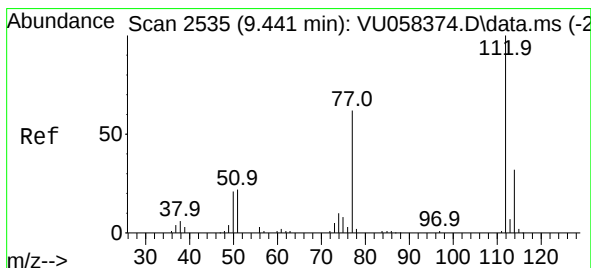
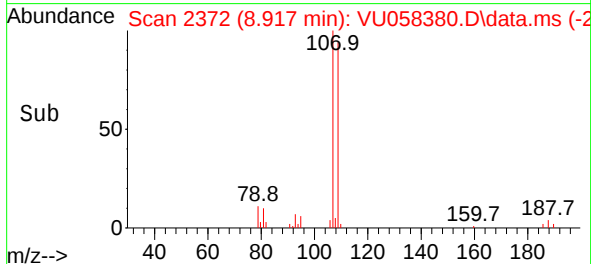
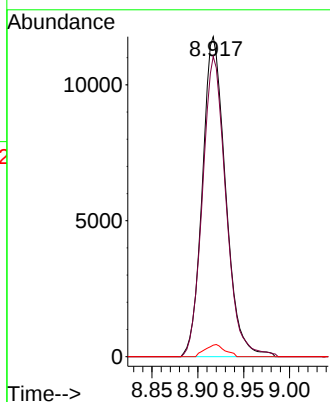


#50
1,2-Dibromoethane
Concen: 5.141 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU058380.D
Acq: 04 Apr 2024 20:25

Instrument :
MSVOA_U
ClientSampleId :

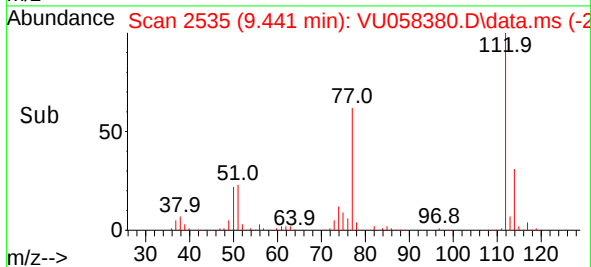
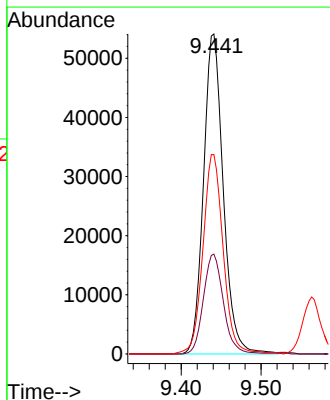
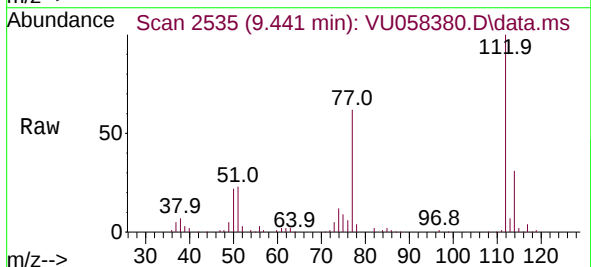


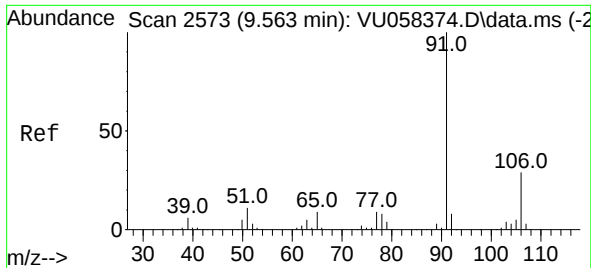
Tgt Ion:107 Resp: 20705
Ion Ratio Lower Upper
107 100
109 93.8 67.3 124.9
188 3.6 2.5 3.7



#51
Chlorobenzene
Concen: 5.128 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU058380.D
Acq: 04 Apr 2024 20:25

Tgt Ion:112 Resp: 93260
Ion Ratio Lower Upper
112 100
114 31.2 22.4 41.6
77 62.3 50.1 75.1

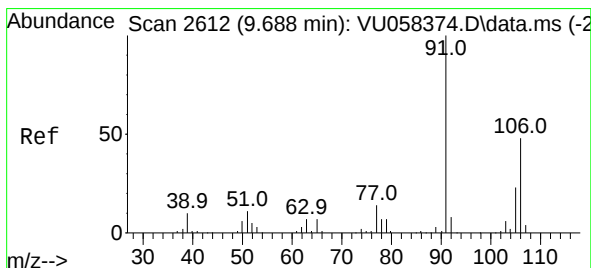
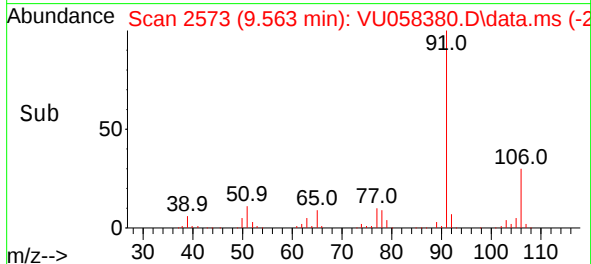
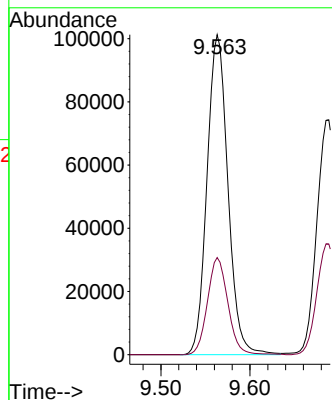
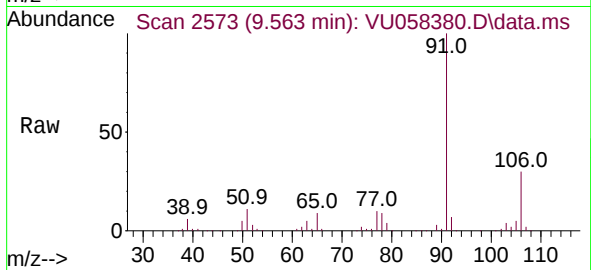




#52
Ethylbenzene
Concen: 5.176 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU058380.D
Acq: 04 Apr 2024 20:25

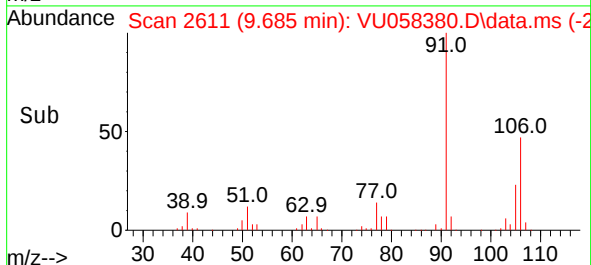
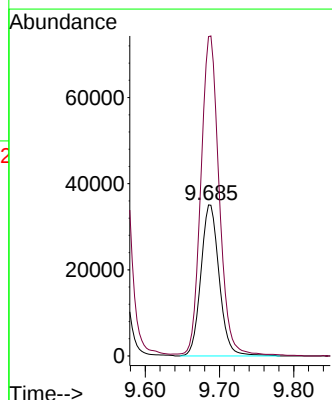
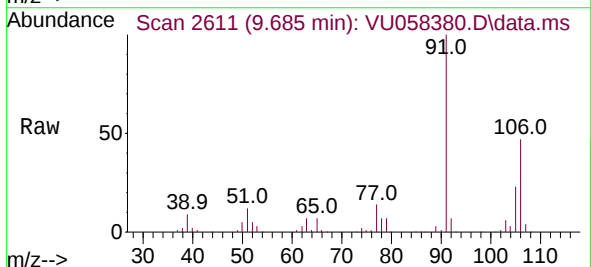
Instrument :
MSVOA_U
ClientSampleId :

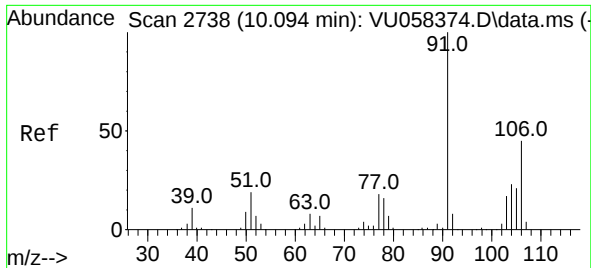
Tgt Ion: 91 Resp: 164844
Ion Ratio Lower Upper
91 100
106 30.4 20.6 38.4



#53
m,p-Xylene
Concen: 5.271 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.003 min
Lab File: VU058380.D
Acq: 04 Apr 2024 20:25

Tgt Ion: 106 Resp: 60111
Ion Ratio Lower Upper
106 100
91 211.5 147.8 274.4

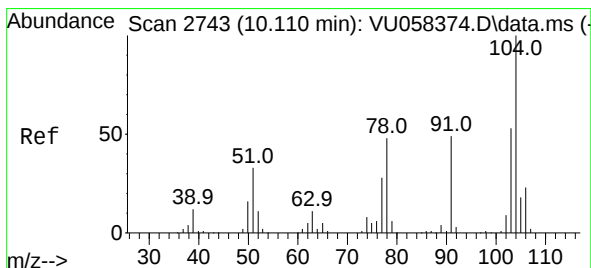
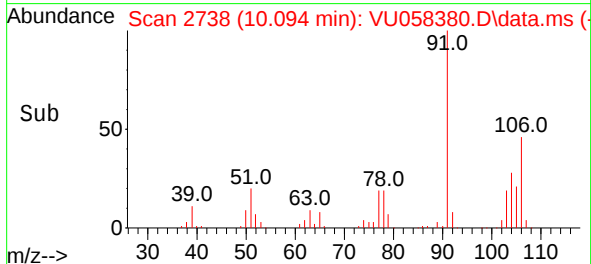
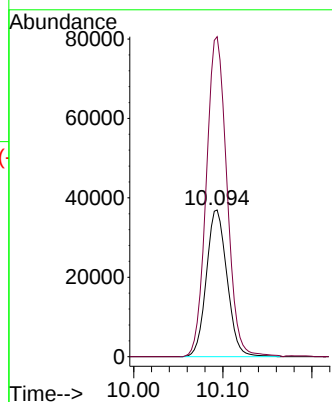
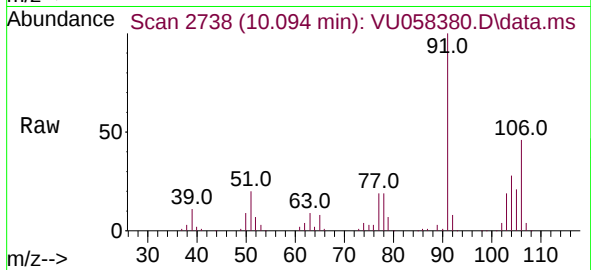




#54
o-Xylene
Concen: 5.326 ug/L
RT: 10.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU058380.D
Acq: 04 Apr 2024 20:25

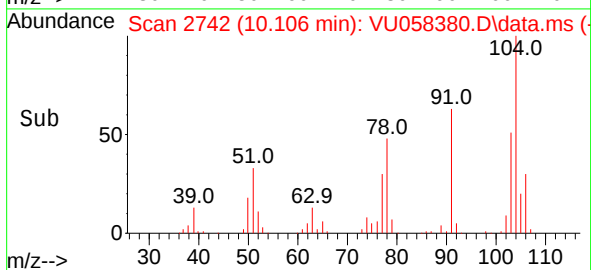
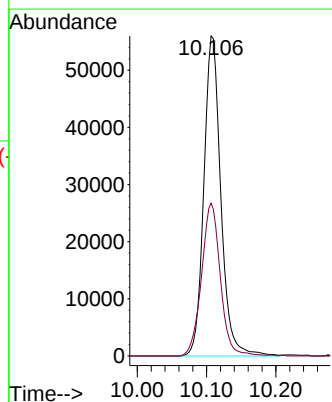
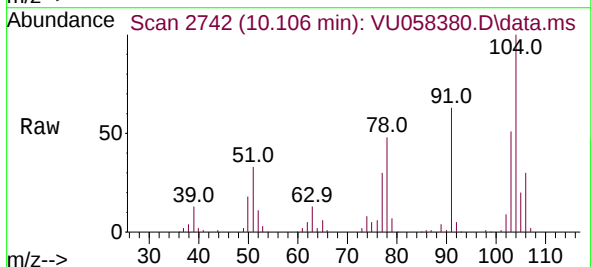
Instrument :
MSVOA_U
ClientSampleId :

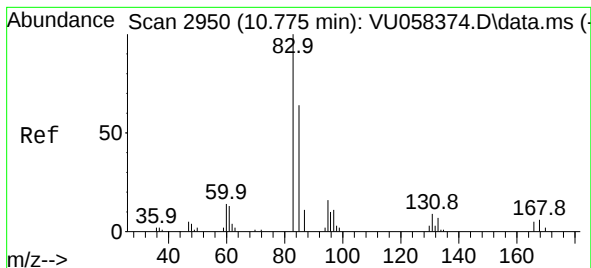
Tgt Ion:106 Resp: 59546
Ion Ratio Lower Upper
106 100
91 218.2 156.9 291.5



#55
Styrene
Concen: 5.307 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. -0.003 min
Lab File: VU058380.D
Acq: 04 Apr 2024 20:25

Tgt Ion:104 Resp: 95448
Ion Ratio Lower Upper
104 100
78 47.7 33.9 63.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.093 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU058380.D

Acq: 04 Apr 2024 20:25

Instrument :

MSVOA_U

ClientSampleId :

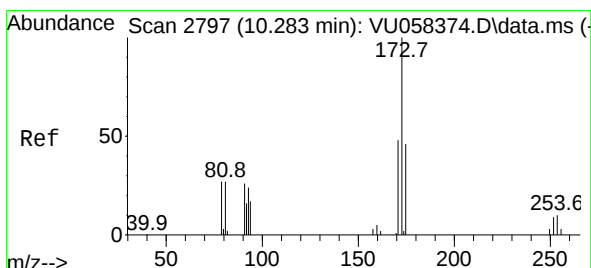
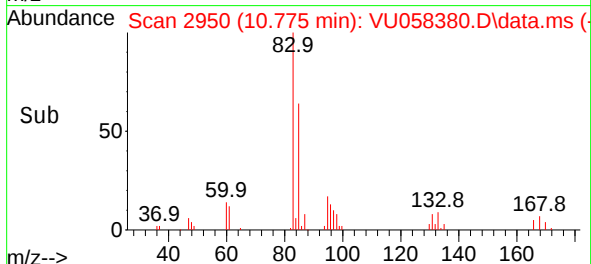
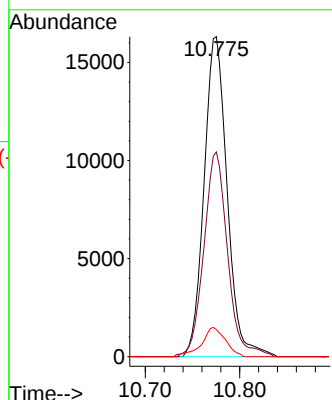
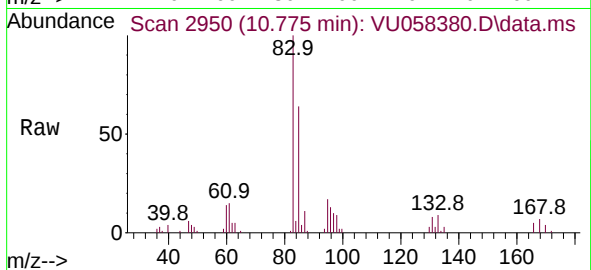
Tgt Ion: 83 Resp: 27666

Ion Ratio Lower Upper

83 100

85 64.0 45.1 83.7

131 8.5 6.9 10.3



#59

Bromoform

Concen: 4.976 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU058380.D

Acq: 04 Apr 2024 20:25

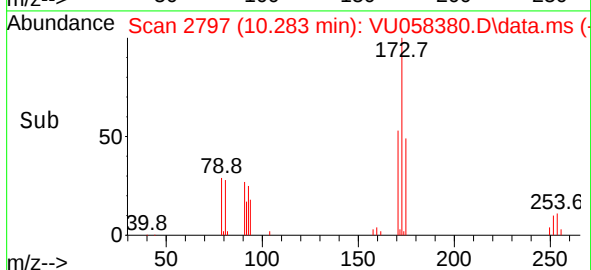
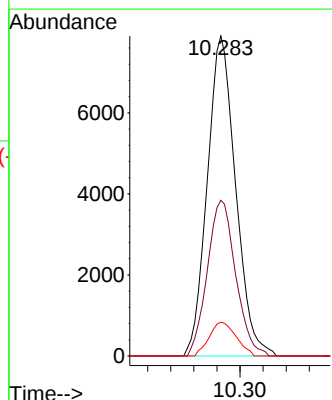
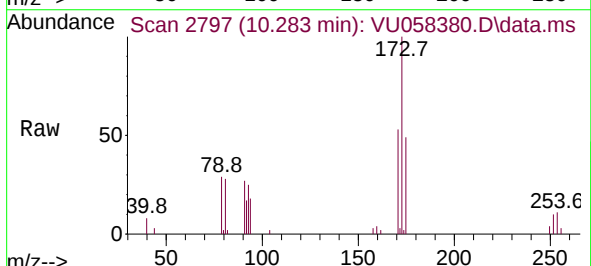
Tgt Ion:173 Resp: 13442

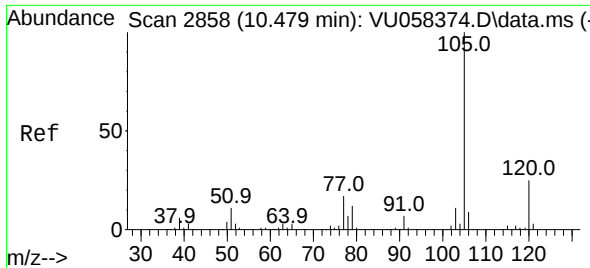
Ion Ratio Lower Upper

173 100

175 48.6 38.0 57.0

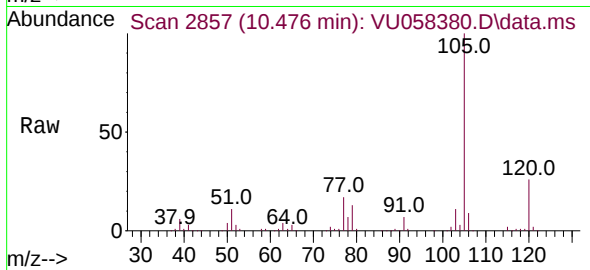
254 10.0 7.5 11.3



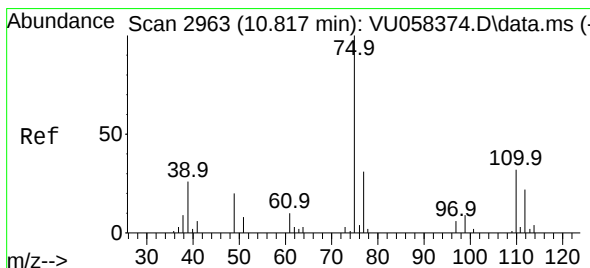
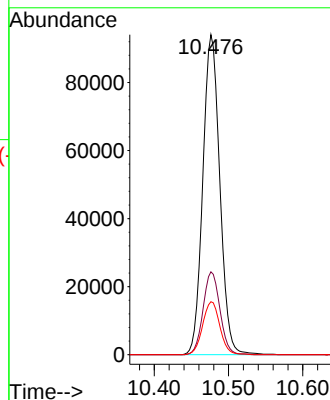
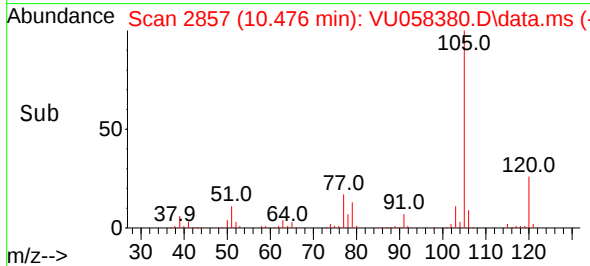


#60
Isopropylbenzene
Concen: 5.053 ug/L
RT: 10.476 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU058380.D
Acq: 04 Apr 2024 20:25

Instrument :
MSVOA_U
ClientSampleId :

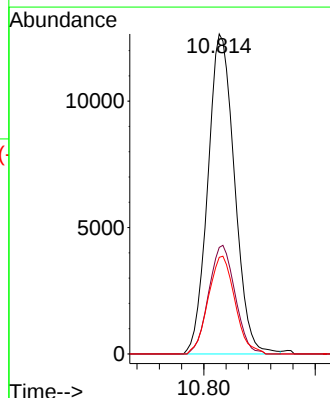
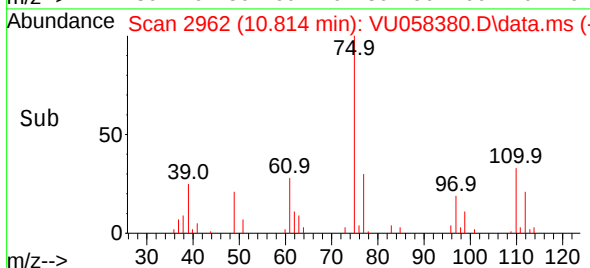
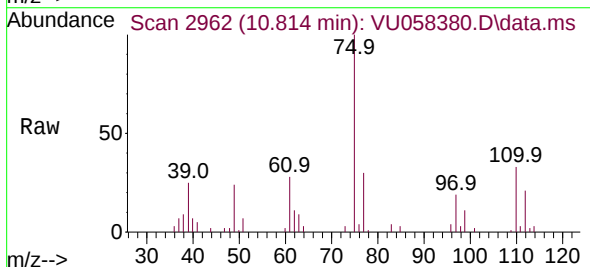


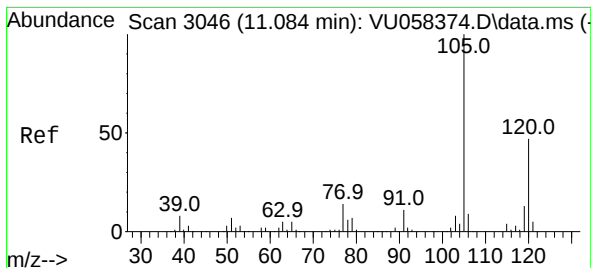
Tgt Ion:105 Resp: 149585
Ion Ratio Lower Upper
105 100
120 25.7 20.2 30.4
77 16.8 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 5.095 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.003 min
Lab File: VU058380.D
Acq: 04 Apr 2024 20:25

Tgt Ion: 75 Resp: 21020
Ion Ratio Lower Upper
75 100
110 33.6 25.8 38.6
77 30.6 25.1 37.7





#62

1,3,5-Trimethylbenzene

Concen: 4.985 ug/L

RT: 11.081 min Scan# 3046

Delta R.T. -0.003 min

Lab File: VU058380.D

Acq: 04 Apr 2024 20:25

Instrument :

MSVOA_U

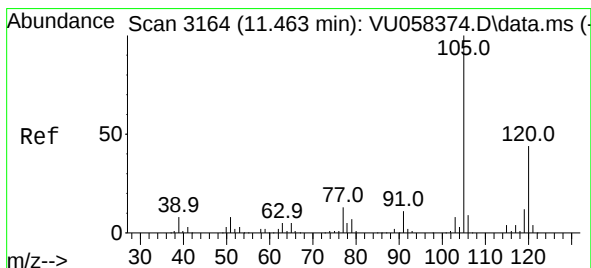
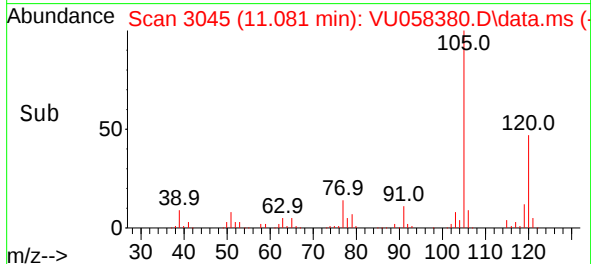
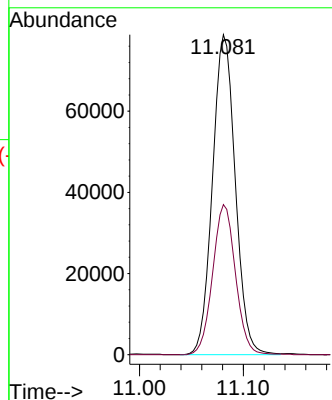
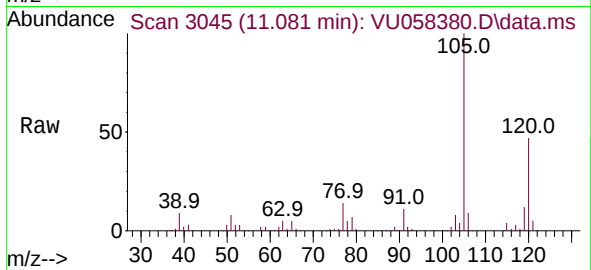
ClientSampleId :

Tgt Ion:105 Resp: 120340

Ion Ratio Lower Upper

105 100

120 46.9 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 4.997 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.003 min

Lab File: VU058380.D

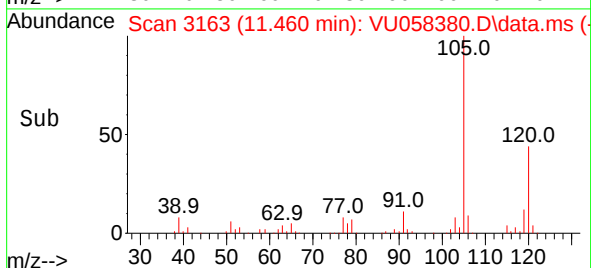
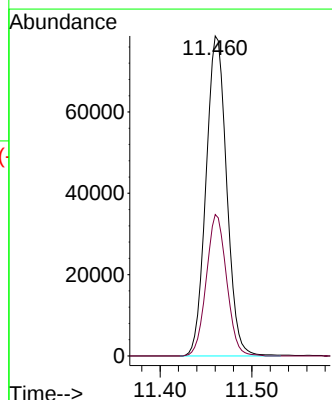
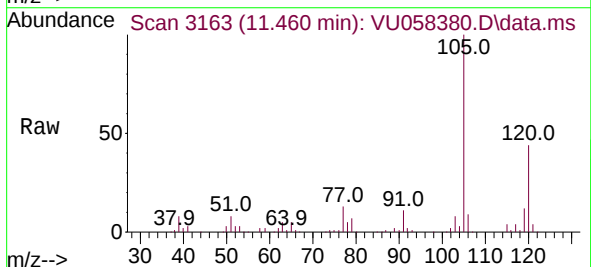
Acq: 04 Apr 2024 20:25

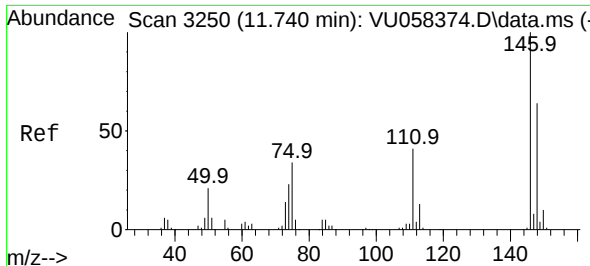
Tgt Ion:105 Resp: 123167

Ion Ratio Lower Upper

105 100

120 43.5 34.7 52.1

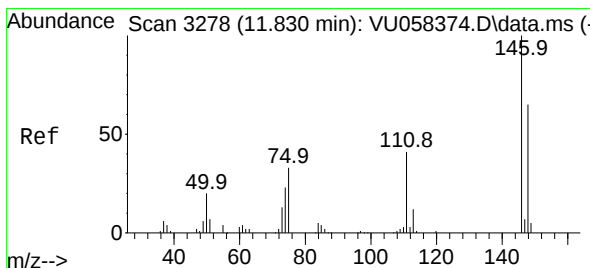
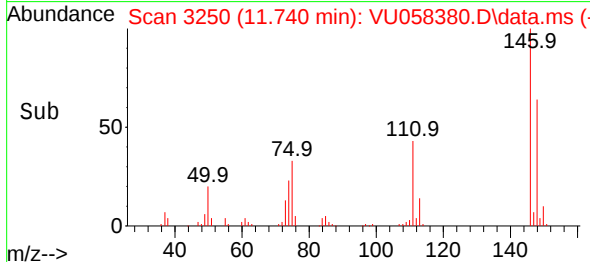
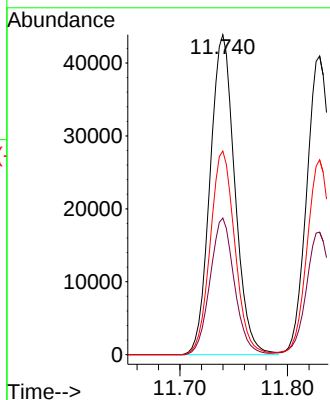
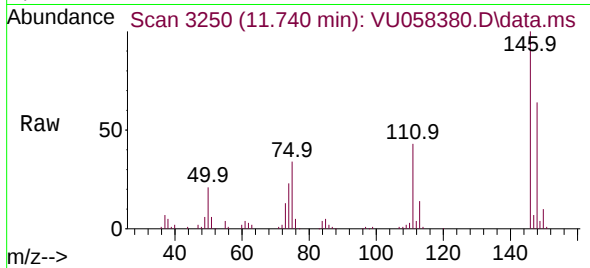




#64
1,3-Dichlorobenzene
Concen: 4.890 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU058380.D
Acq: 04 Apr 2024 20:25

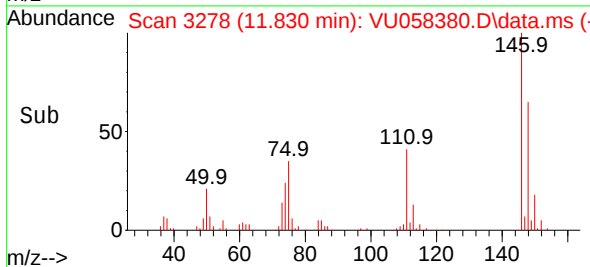
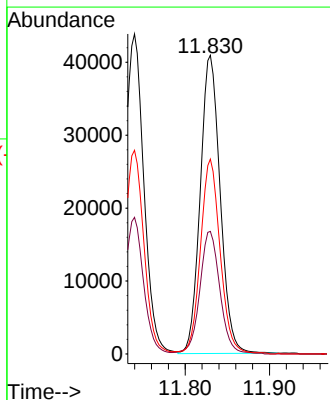
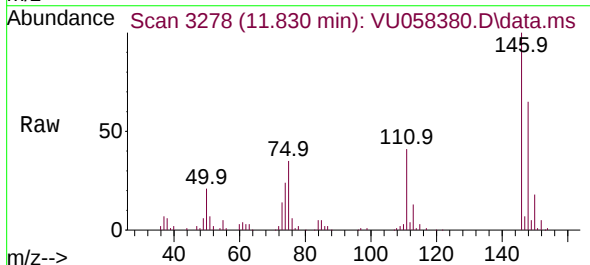
Instrument :
MSVOA_U
ClientSampleId :

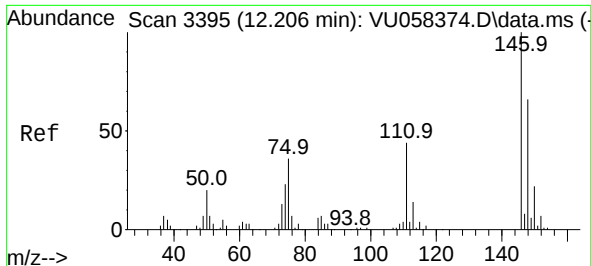
Tgt Ion:146 Resp: 70315
Ion Ratio Lower Upper
146 100
111 42.7 28.8 53.4
148 63.7 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 4.813 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VU058380.D
Acq: 04 Apr 2024 20:25

Tgt Ion:146 Resp: 67429
Ion Ratio Lower Upper
146 100
111 41.0 28.8 53.6
148 65.2 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 4.830 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU058380.D

Acq: 04 Apr 2024 20:25

Instrument :

MSVOA_U

ClientSampleId :

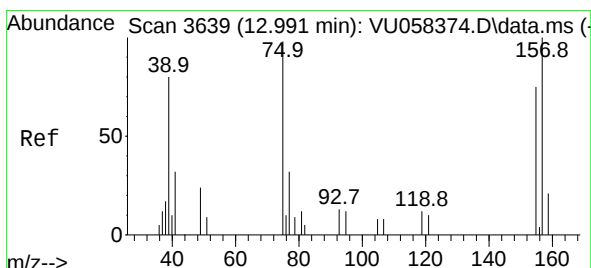
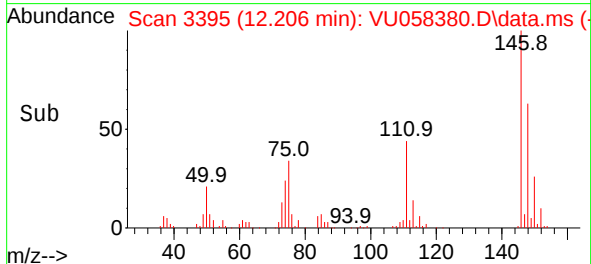
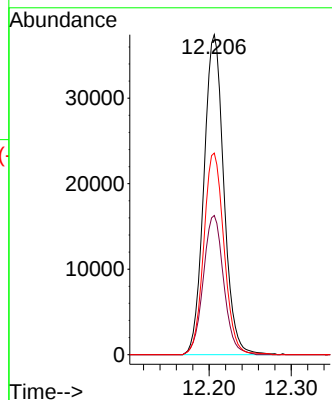
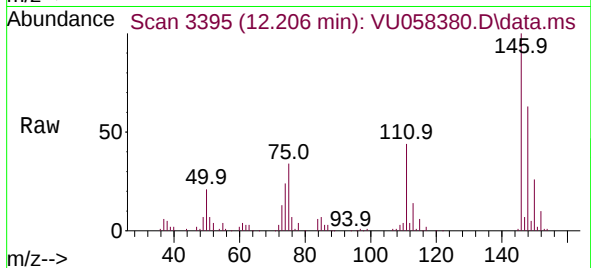
Tgt Ion:146 Resp: 63169

Ion Ratio Lower Upper

146 100

111 43.5 35.0 52.4

148 63.0 52.5 78.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.133 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU058380.D

Acq: 04 Apr 2024 20:25

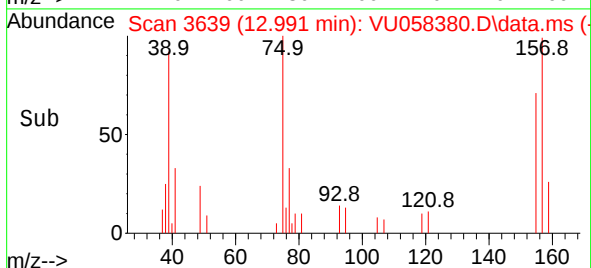
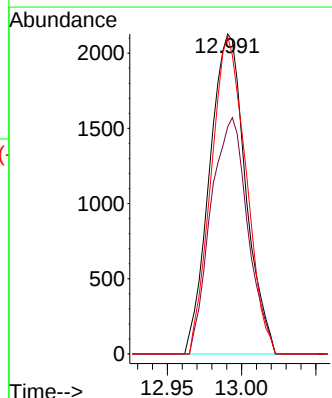
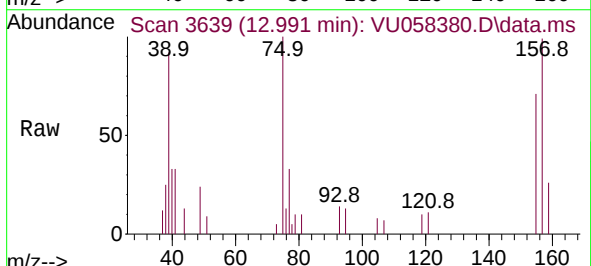
Tgt Ion: 75 Resp: 3591

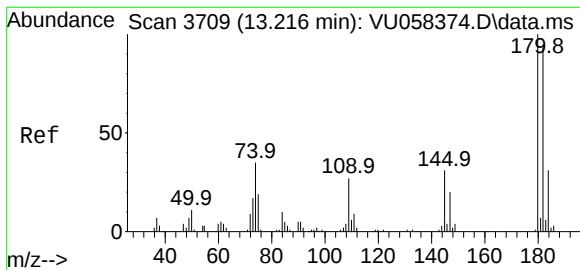
Ion Ratio Lower Upper

75 100

155 71.0 61.4 92.0

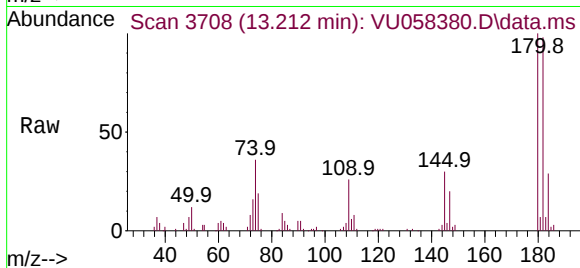
157 99.2 81.7 122.5



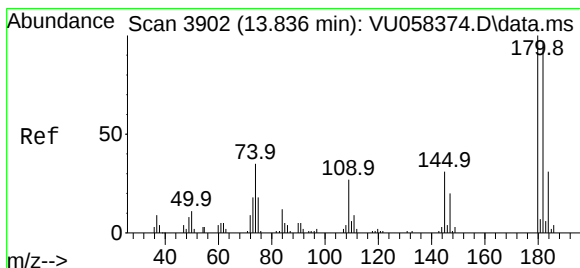
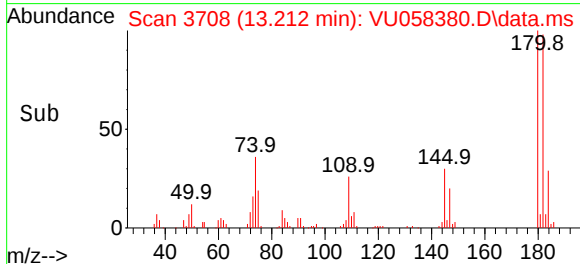
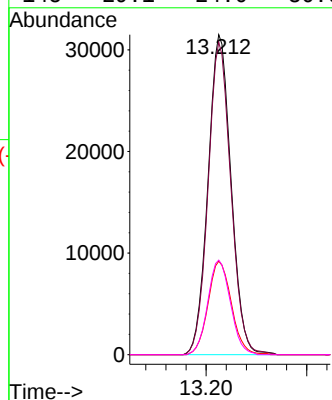


#69
 1,3,5-Trichlorobenzene
 Concen: 4.703 ug/L
 RT: 13.212 min Scan# 3709
 Delta R.T. -0.003 min
 Lab File: VU058380.D
 Acq: 04 Apr 2024 20:25

Instrument :
 MSVOA_U
 ClientSampleId :

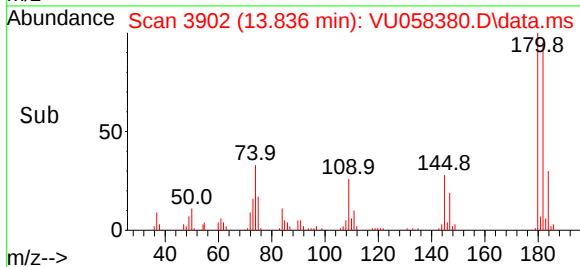
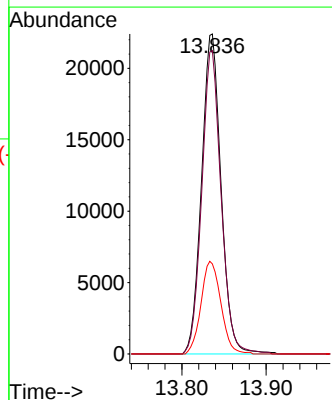
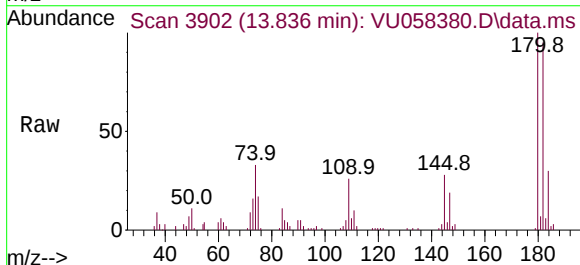


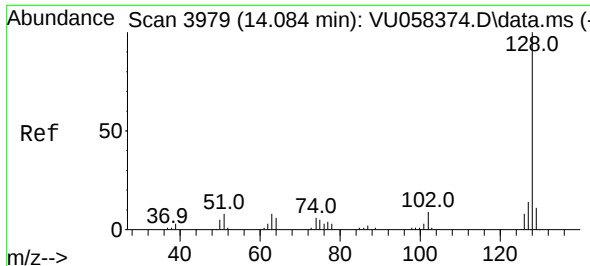
Tgt Ion:180 Resp: 50009
 Ion Ratio Lower Upper
 180 100
 182 96.3 75.7 113.5
 184 29.7 24.3 36.5
 145 29.1 24.0 36.0



#70
 1,2,4-trichlorobenzene
 Concen: 4.406 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.000 min
 Lab File: VU058380.D
 Acq: 04 Apr 2024 20:25

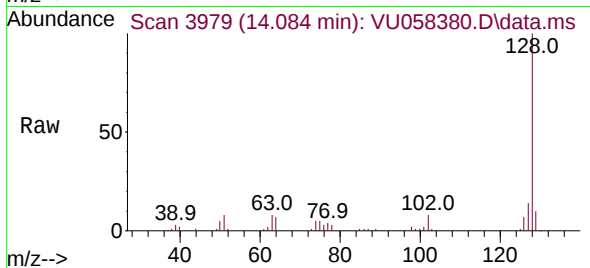
Tgt Ion:180 Resp: 36128
 Ion Ratio Lower Upper
 180 100
 182 93.9 74.4 111.6
 145 29.5 24.1 36.1



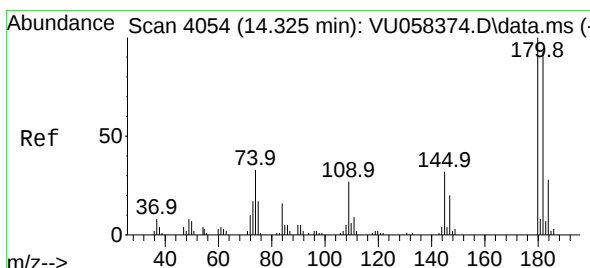
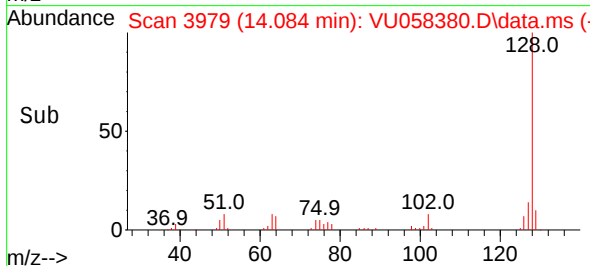
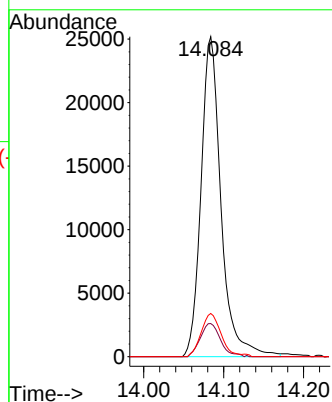


#71
Naphthalene
Concen: 3.903 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU058380.D
Acq: 04 Apr 2024 20:25

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 43853
Ion Ratio Lower Upper
128 100
129 10.5 8.6 13.0
127 13.6 11.0 16.6



#72
1,2,3-Trichlorobenzene
Concen: 4.405 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU058380.D
Acq: 04 Apr 2024 20:25

Tgt Ion:180 Resp: 29823
Ion Ratio Lower Upper
180 100
182 96.2 75.9 113.9
145 32.6 25.2 37.8

