

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031224\
 Data File : VU058046.D
 Acq On : 12 Mar 2024 08:56
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 13 01:54:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 12 03:05:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	144096	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	133749	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	65561	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	41578	4.010	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.200%
7) Chloroethane-d5	1.907	69	38441	4.511	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.560	65	19569	4.362	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.200%
20) 2-Butanone-d5	4.608	46	98579	57.709	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.420%
24) Chloroform-d	5.052	84	99175	5.058	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	5.692	65	45049	5.070	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.717	84	186126	4.775	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.682	67	58890	4.970	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.891	98	166430	4.713	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	8.174	79	19927	4.890	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.800%
46) 2-Hexanone-d5	8.624	63	81245	59.387	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.780%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	39055	5.375	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	52860	4.896	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	43637	4.998	ug/L	100
3) Chloromethane	1.515	50	49758	4.874	ug/L	99
5) Vinyl chloride	1.599	62	53763	4.896	ug/L	96
6) Bromomethane	1.849	94	28132	4.864	ug/L	99
8) Chloroethane	1.927	64	34566	4.999	ug/L	95
9) Trichlorofluoromethane	2.132	101	80314	5.134	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	51500	5.266	ug/L	98
12) 1,1-Dichloroethene	2.573	96	43813	5.039	ug/L	90
13) Acetone	2.611	43	66005	51.921	ug/L	98
14) Carbon disulfide	2.785	76	127551	4.744	ug/L	99
15) Methyl Acetate	2.943	43	16102	5.708	ug/L	91
16) Methylene chloride	3.036	84	51466	4.870	ug/L	99
17) Methyl tert-butyl Ether	3.351	73	105100	5.112	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	47226	4.987	ug/L	99
19) 1,1-Dichloroethane	3.856	63	100246	5.306	ug/L	99
21) 2-Butanone	4.689	43	101572	50.707	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	52619	5.051	ug/L	98
23) Bromochloromethane	4.968	128	20828	5.384	ug/L	94
25) Chloroform	5.078	83	102615	5.321	ug/L	98

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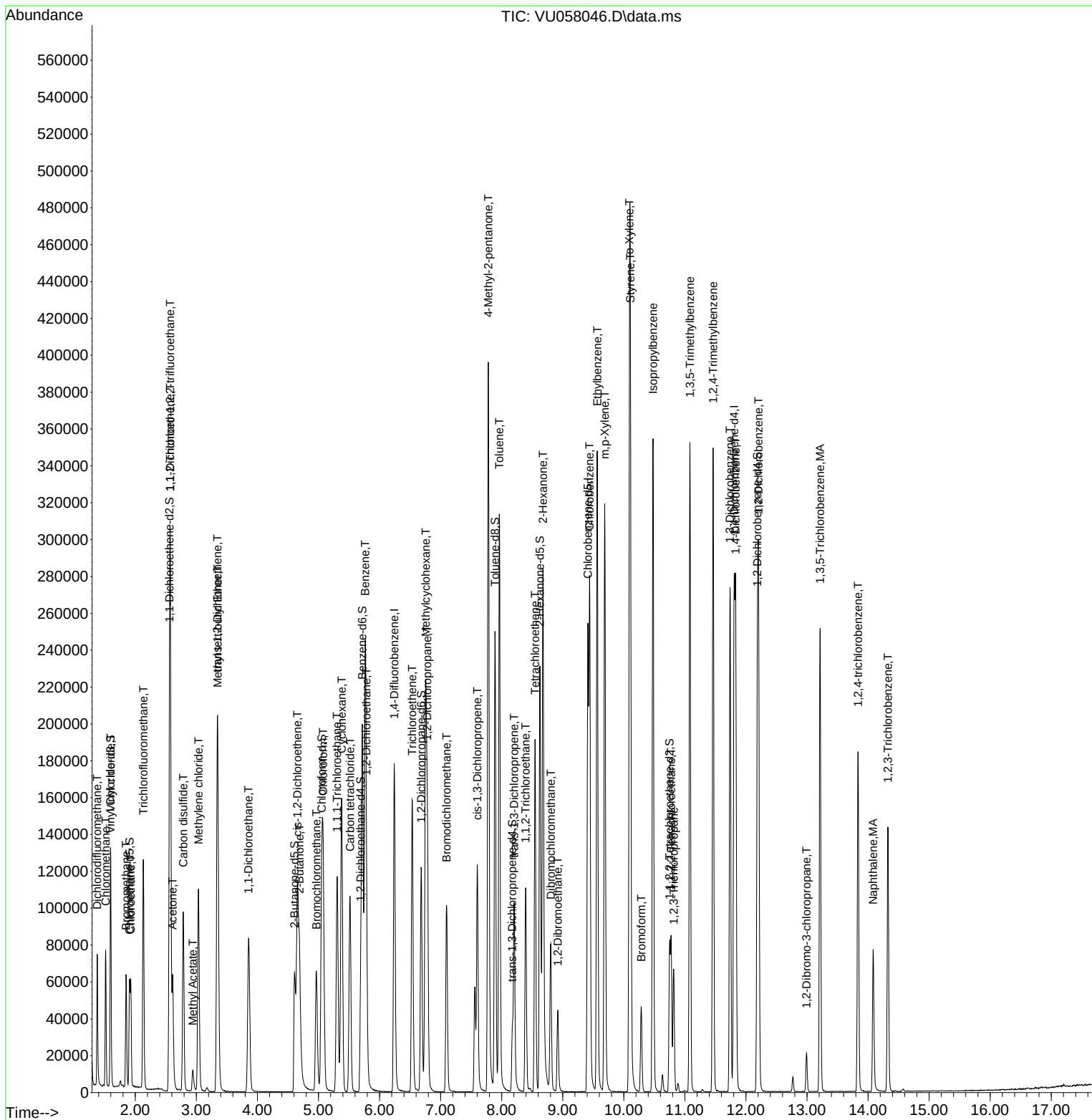
Instrument :
 MSVOA_U
 ClientSampleId :

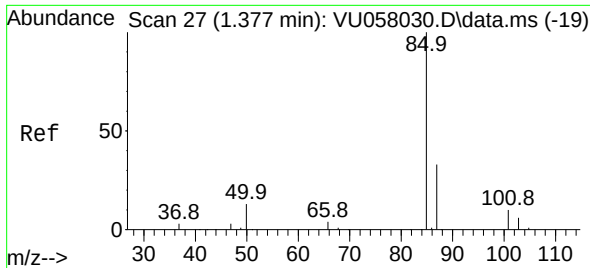
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	57954	5.428	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	84861	5.331	ug/L	99
30) Cyclohexane	5.380	56	78191	4.864	ug/L	99
31) Carbon tetrachloride	5.518	117	73324	5.301	ug/L	100
33) Benzene	5.766	78	215001	5.239	ug/L	100
34) Trichloroethene	6.534	95	55348	5.125	ug/L	99
35) Methylcyclohexane	6.756	83	81973	4.952	ug/L	99
37) 1,2-Dichloropropane	6.782	63	56360	5.326	ug/L	99
38) Bromodichloromethane	7.100	83	69827	5.438	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	75382	5.170	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	263650	54.154	ug/L	100
42) Toluene	7.962	91	226006	5.288	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	60501	5.207	ug/L	95
45) 1,1,2-Trichloroethane	8.393	97	34237	5.456	ug/L	97
47) Tetrachloroethene	8.547	164	38680	5.163	ug/L	97
48) 2-Hexanone	8.676	43	183777	51.473	ug/L	98
49) Dibromochloromethane	8.804	129	41237	5.552	ug/L	100
50) 1,2-Dibromoethane	8.920	107	30296	5.440	ug/L #	92
51) Chlorobenzene	9.441	112	140479	5.241	ug/L	96
52) Ethylbenzene	9.566	91	247042	5.165	ug/L	98
53) m,p-Xylene	9.688	106	88651	5.188	ug/L	99
54) o-Xylene	10.094	106	87803	5.155	ug/L	100
55) Styrene	10.110	104	143480	5.367	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	39798	5.384	ug/L	98
59) Bromoform	10.286	173	20111	5.500	ug/L	97
60) Isopropylbenzene	10.479	105	226539	5.188	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	29049	5.409	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	189106	5.135	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	189931	5.226	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	105087	5.295	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	99722	5.133	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	91470	5.279	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	6066	5.693	ug/L #	87
69) 1,3,5-Trichlorobenzene	13.216	180	75099	5.260	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	53836	5.019	ug/L	97
71) Naphthalene	14.084	128	64325	4.391	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	41680	4.919	ug/L	99

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

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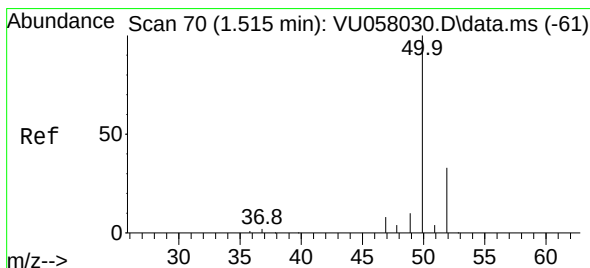
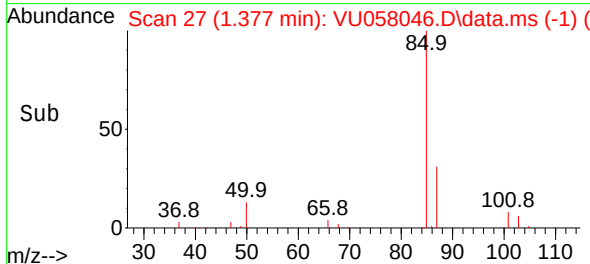
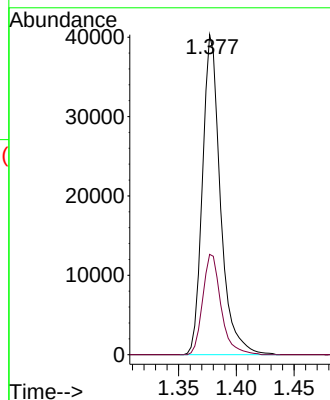
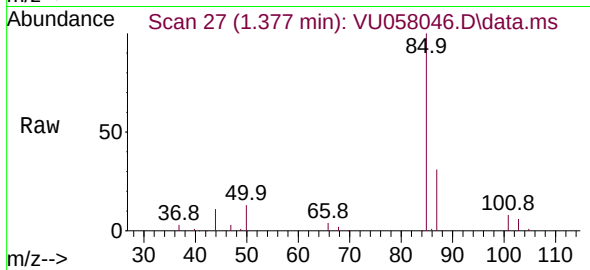




#2
 Dichlorodifluoromethane
 Concen: 4.998 ug/L
 RT: 1.377 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU058046.D
 Acq: 12 Mar 2024 08:56

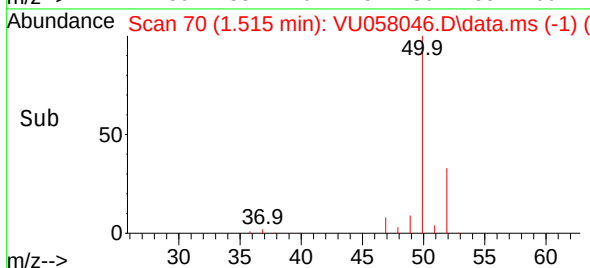
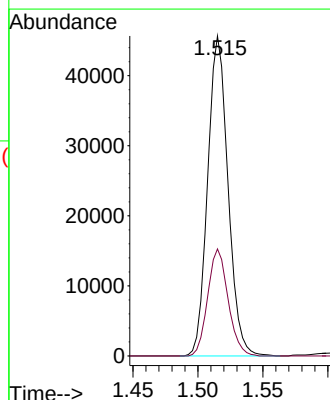
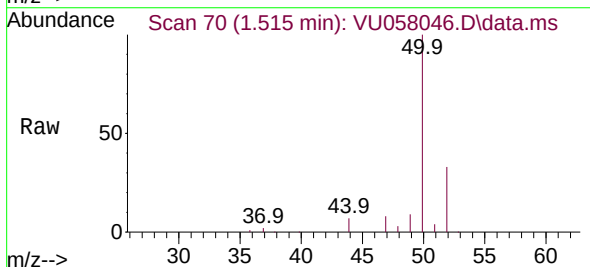
Instrument :
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 ClientSampleId :

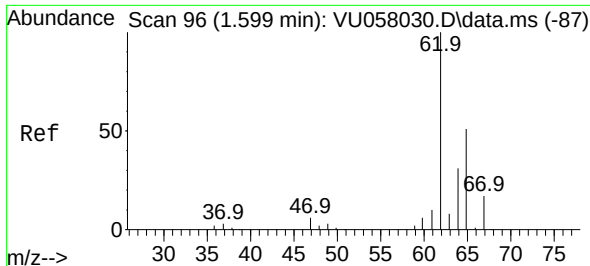
Tgt Ion: 85 Resp: 43637
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.8 38.6



#3
 Chloromethane
 Concen: 4.874 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU058046.D
 Acq: 12 Mar 2024 08:56

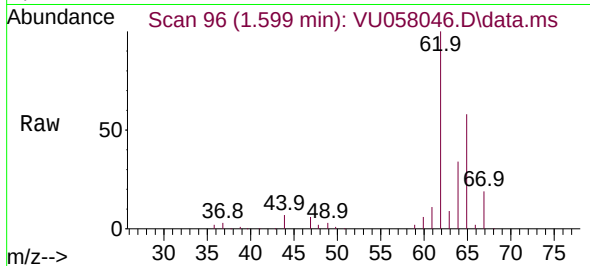
Tgt Ion: 50 Resp: 49758
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.1 42.9



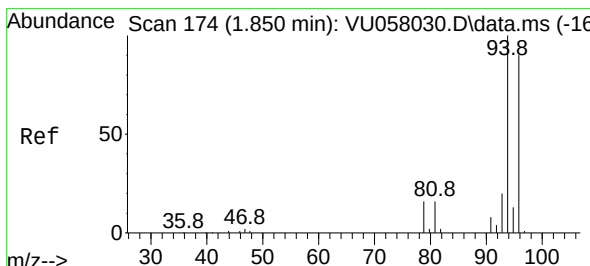
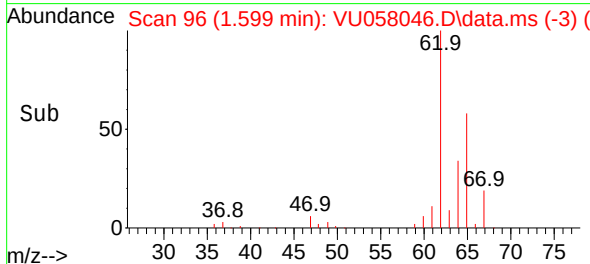
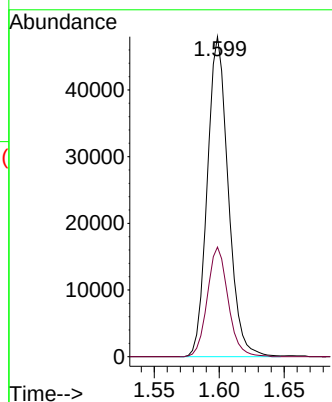


#5
 Vinyl chloride
 Concen: 4.896 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU058046.D
 Acq: 12 Mar 2024 08:56

Instrument :
 MSVOA_U
 ClientSampleId :

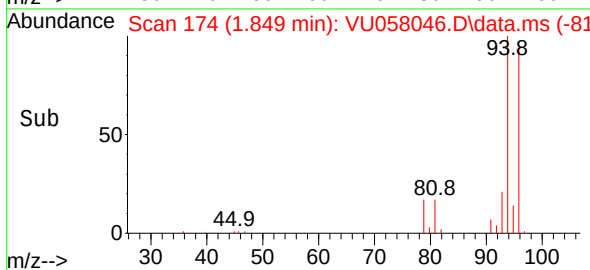
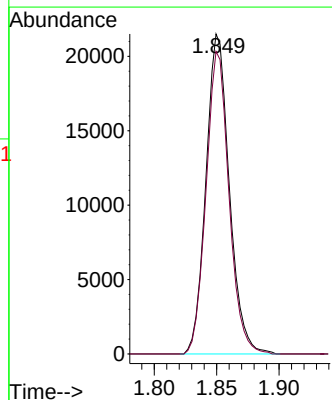
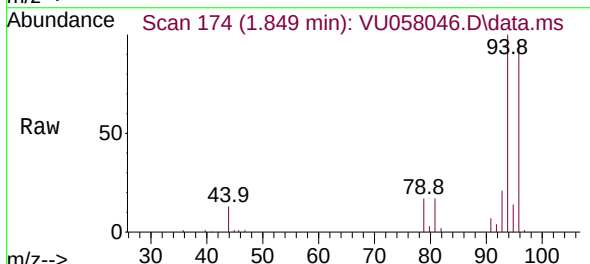


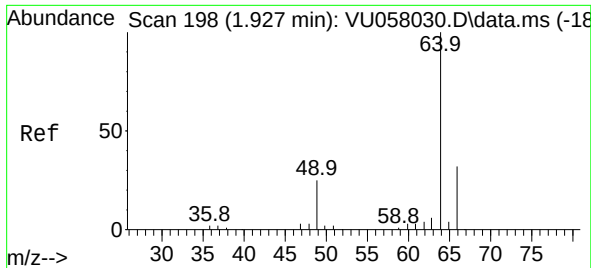
Tgt Ion: 62 Resp: 53763
 Ion Ratio Lower Upper
 62 100
 64 34.3 22.5 41.7



#6
 Bromomethane
 Concen: 4.864 ug/L
 RT: 1.849 min Scan# 174
 Delta R.T. -0.000 min
 Lab File: VU058046.D
 Acq: 12 Mar 2024 08:56

Tgt Ion: 94 Resp: 28132
 Ion Ratio Lower Upper
 94 100
 96 94.6 65.2 121.2

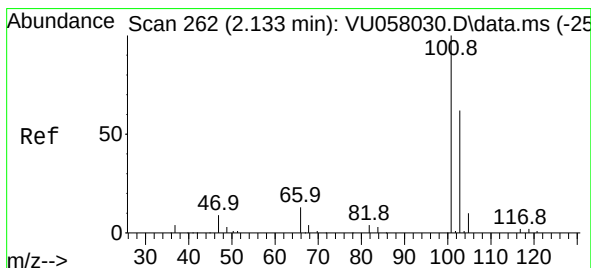
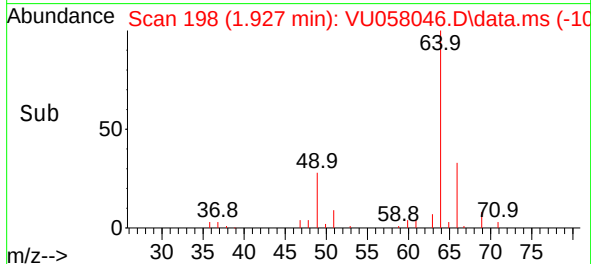
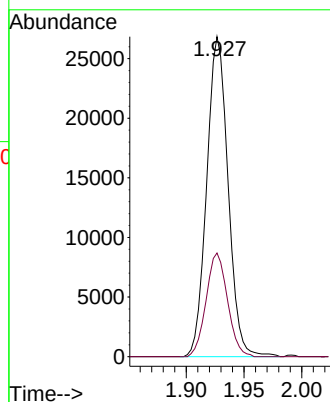
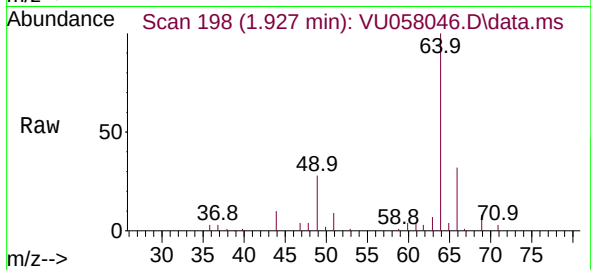




#8
Chloroethane
Concen: 4.999 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU058046.D
Acq: 12 Mar 2024 08:56

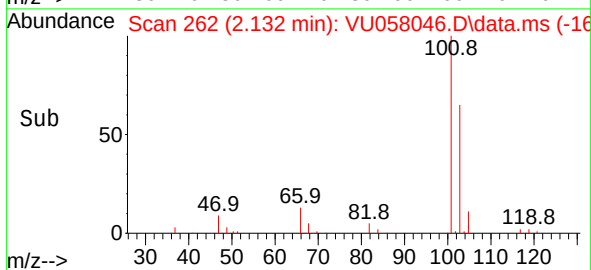
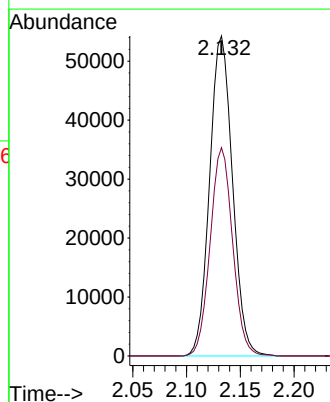
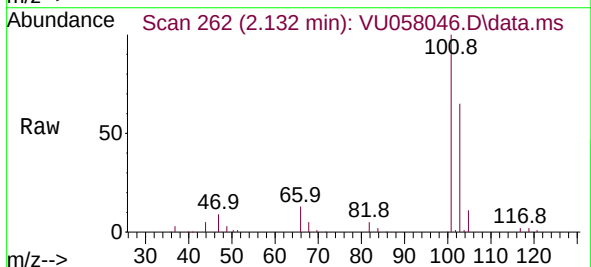
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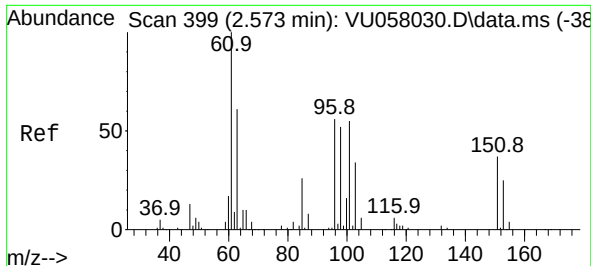
Tgt Ion: 64 Resp: 34566
Ion Ratio Lower Upper
64 100
66 32.4 20.9 38.9



#9
Trichlorofluoromethane
Concen: 5.134 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU058046.D
Acq: 12 Mar 2024 08:56

Tgt Ion:101 Resp: 80314
Ion Ratio Lower Upper
101 100
103 63.9 51.4 77.2

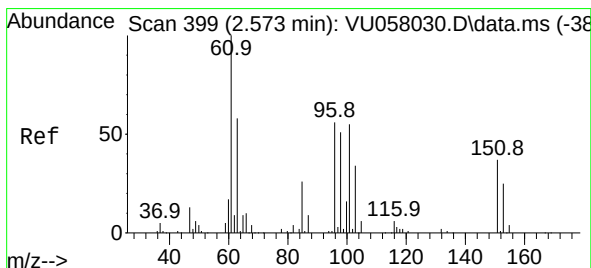
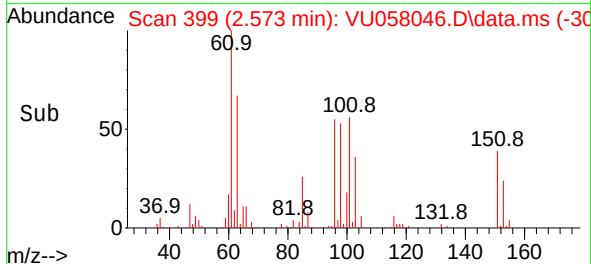
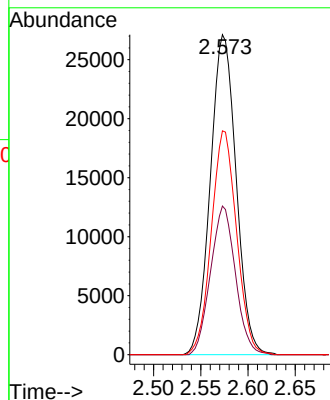
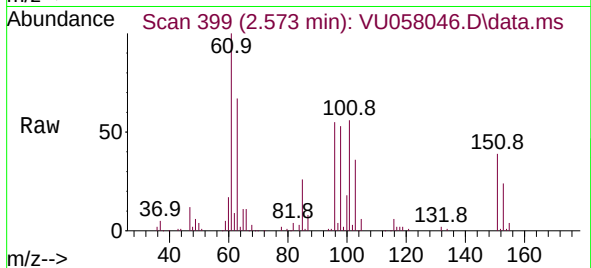




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.266 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU058046.D
 Acq: 12 Mar 2024 08:56

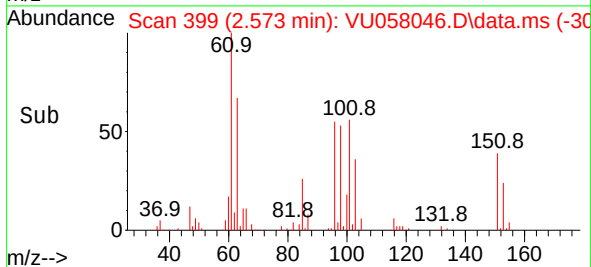
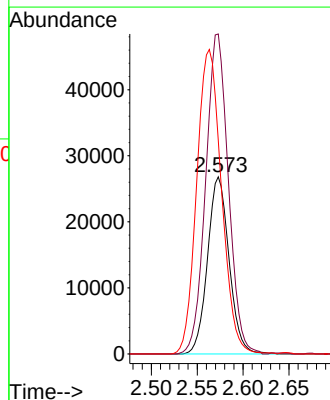
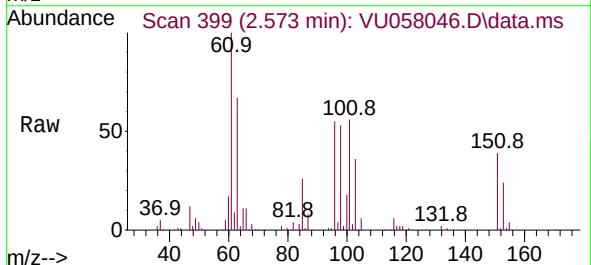
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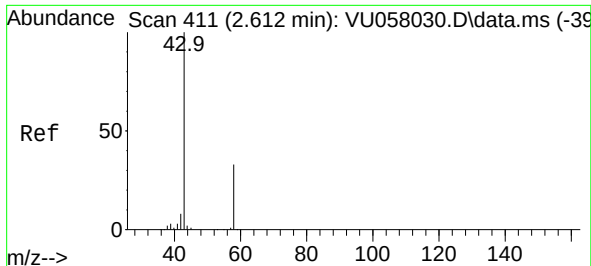
Tgt Ion:101 Resp: 51500
 Ion Ratio Lower Upper
 101 100
 85 44.7 37.3 55.9
 151 68.4 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 5.039 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU058046.D
 Acq: 12 Mar 2024 08:56

Tgt Ion: 96 Resp: 43813
 Ion Ratio Lower Upper
 96 100
 61 180.7 131.8 244.8
 63 120.7 98.1 182.1





#13

Acetone

Concen: 51.921 ug/L

RT: 2.611 min Scan# 411

Delta R.T. -0.000 min

Lab File: VU058046.D

Acq: 12 Mar 2024 08:56

Instrument :

MSVOA_U

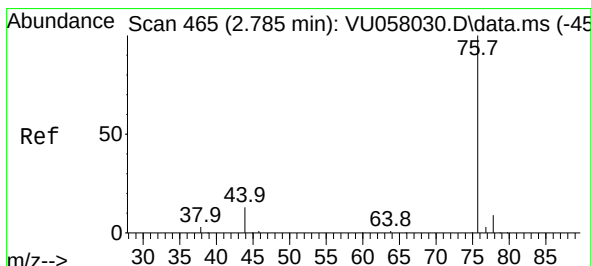
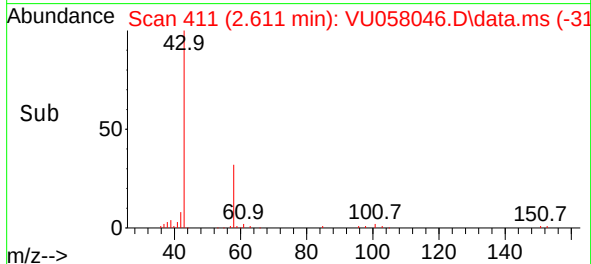
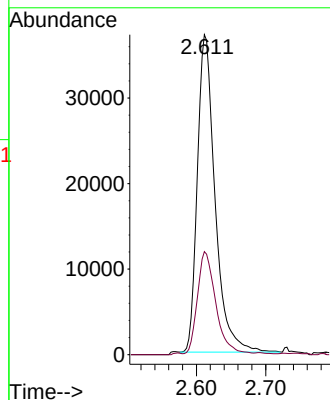
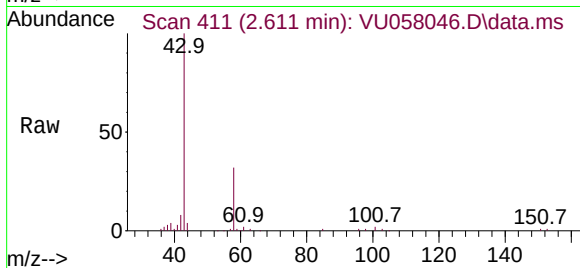
ClientSampleId :

Tgt Ion: 43 Resp: 66005

Ion Ratio Lower Upper

43 100

58 32.9 0.0 63.6



#14

Carbon disulfide

Concen: 4.744 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU058046.D

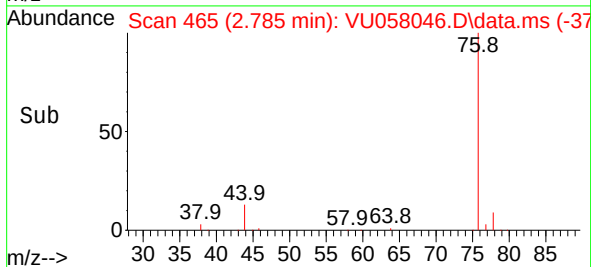
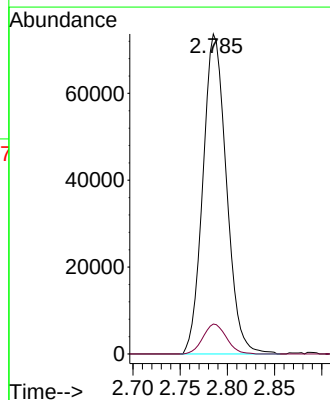
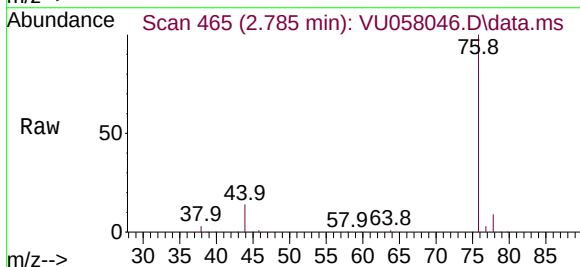
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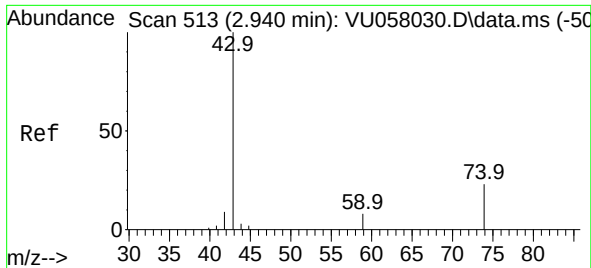
Tgt Ion: 76 Resp: 127551

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9





#15

Methyl Acetate

Concen: 5.708 ug/L

RT: 2.943 min Scan# 513

Delta R.T. 0.003 min

Lab File: VU058046.D

Acq: 12 Mar 2024 08:56

Instrument :

MSVOA_U

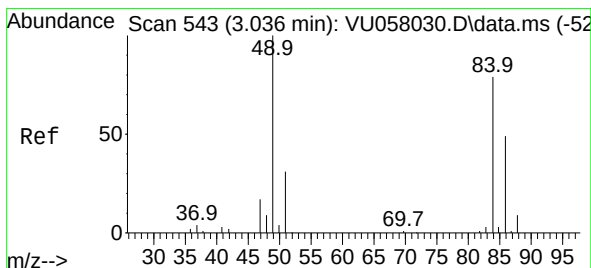
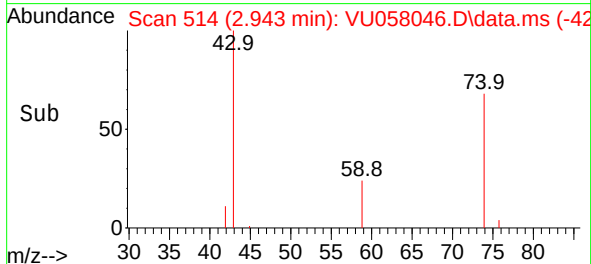
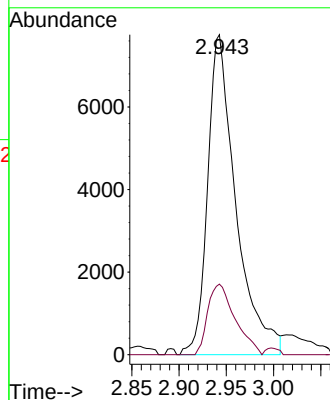
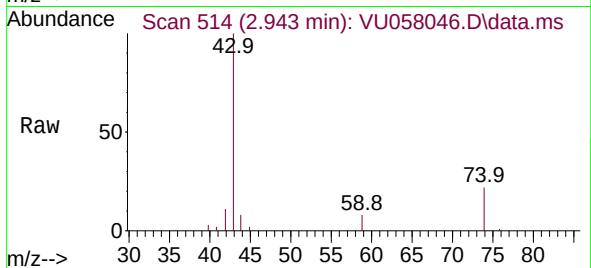
ClientSampleId :

Tgt Ion: 43 Resp: 16102

Ion Ratio Lower Upper

43 100

74 21.3 20.6 31.0



#16

Methylene chloride

Concen: 4.870 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

Lab File: VU058046.D

Acq: 12 Mar 2024 08:56

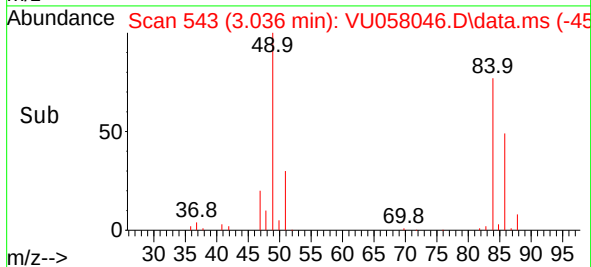
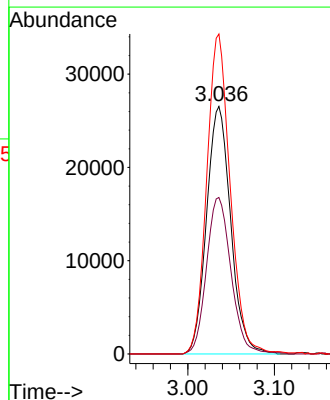
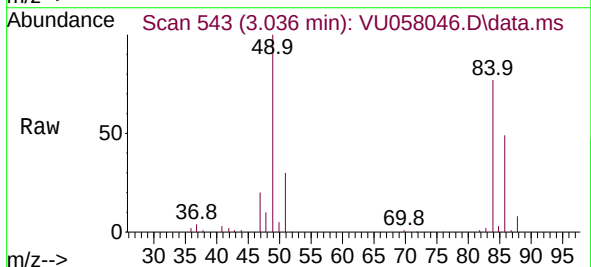
Tgt Ion: 84 Resp: 51466

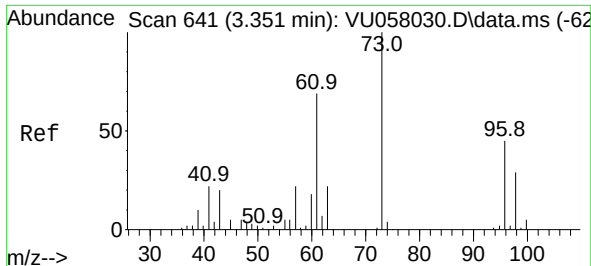
Ion Ratio Lower Upper

84 100

86 63.2 44.4 82.4

49 129.3 88.8 165.0

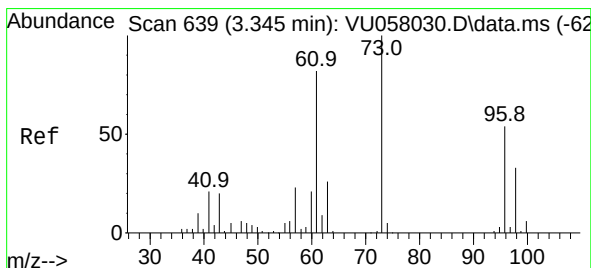
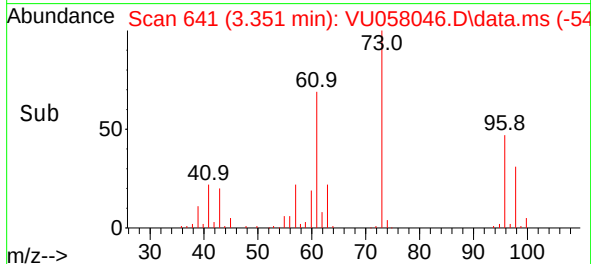
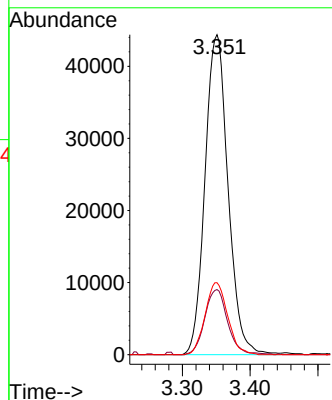
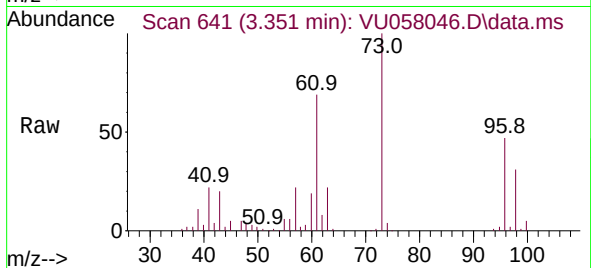




#17
Methyl tert-butyl Ether
Concen: 5.112 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU058046.D
Acq: 12 Mar 2024 08:56

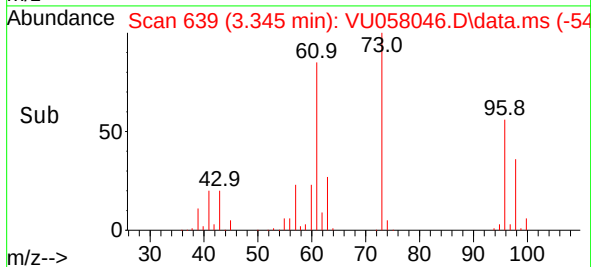
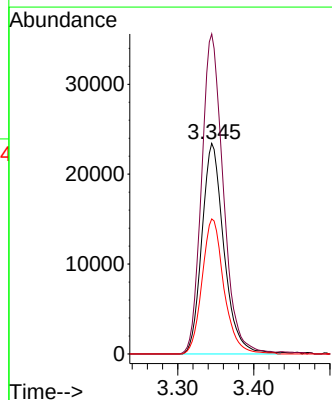
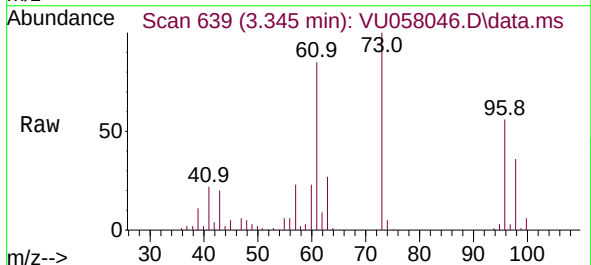
Instrument :
MSVOA_U
ClientSampleId :

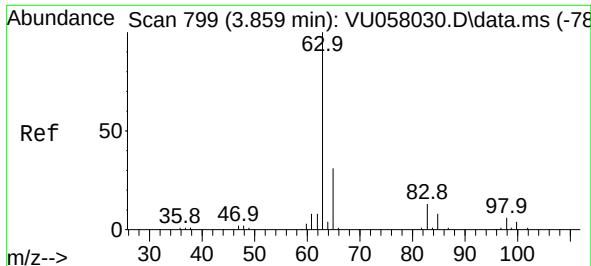
Tgt Ion: 73 Resp: 105100
Ion Ratio Lower Upper
73 100
43 19.9 16.2 24.4
57 22.0 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 4.987 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU058046.D
Acq: 12 Mar 2024 08:56

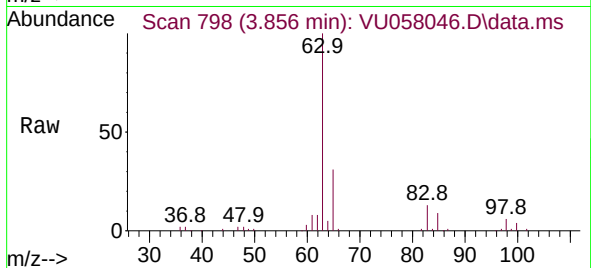
Tgt Ion: 96 Resp: 47226
Ion Ratio Lower Upper
96 100
61 152.0 107.7 199.9
98 64.1 45.8 85.0



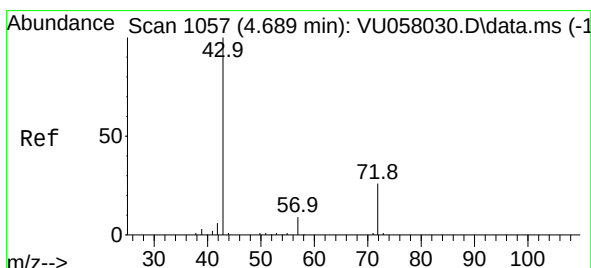
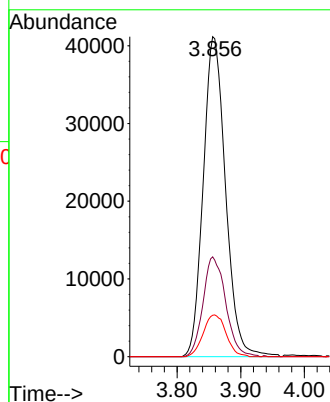
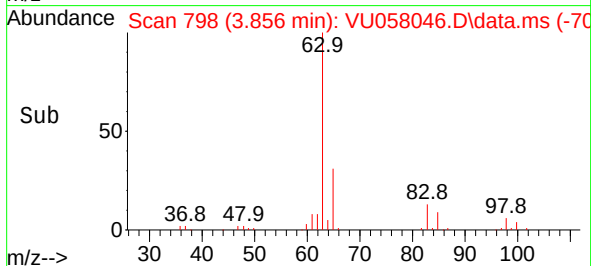


#19
1,1-Dichloroethane
Concen: 5.306 ug/L
RT: 3.856 min Scan# 799
Delta R.T. -0.003 min
Lab File: VU058046.D
Acq: 12 Mar 2024 08:56

Instrument :
MSVOA_U
ClientSampleId :

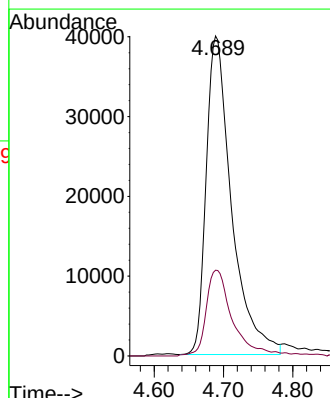
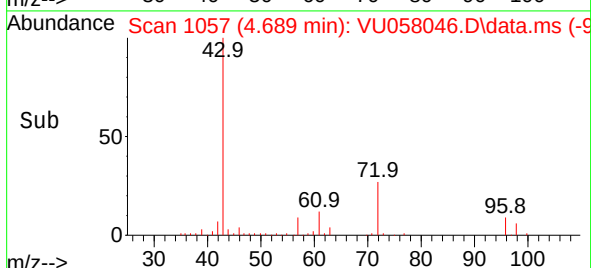
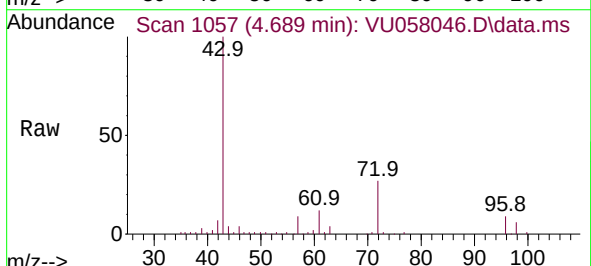


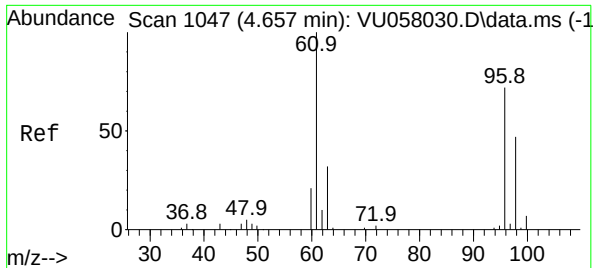
Tgt Ion: 63 Resp: 100246
Ion Ratio Lower Upper
63 100
65 31.2 22.1 41.1
83 13.0 9.0 16.6



#21
2-Butanone
Concen: 50.707 ug/L
RT: 4.689 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VU058046.D
Acq: 12 Mar 2024 08:56

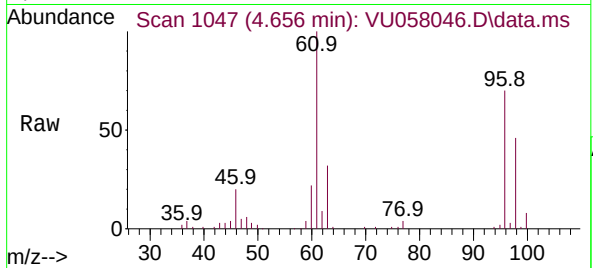
Tgt Ion: 43 Resp: 101572
Ion Ratio Lower Upper
43 100
72 27.6 13.0 39.0





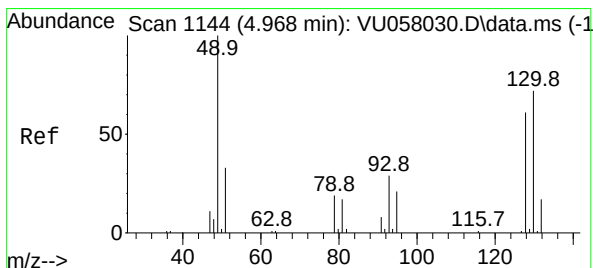
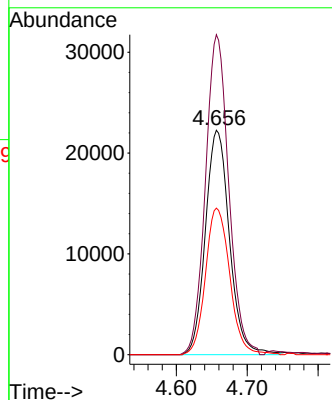
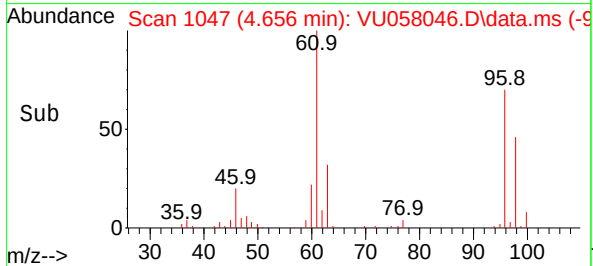
#22
 cis-1,2-Dichloroethene
 Concen: 5.051 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU058046.D
 Acq: 12 Mar 2024 08:56

Instrument :
 MSVOA_U
 ClientSampleId :

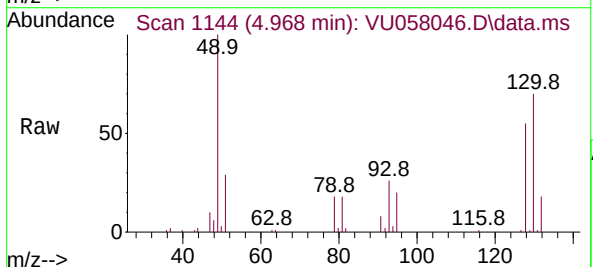


Tgt Ion: 96 Resp: 52619

Ion	Ratio	Lower	Upper
96	100		
61	142.5	97.2	180.4
98	65.3	45.5	84.5

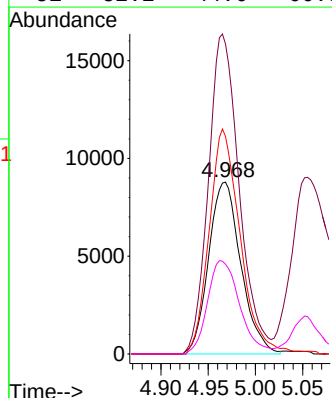
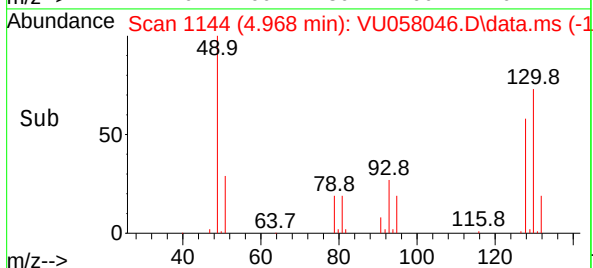


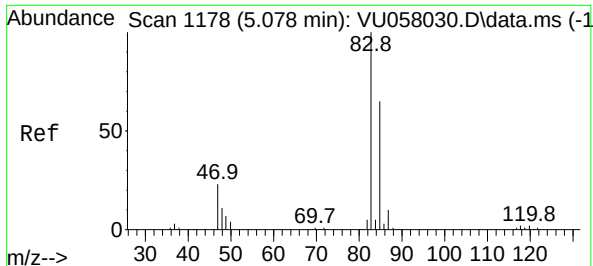
#23
 Bromochloromethane
 Concen: 5.384 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.000 min
 Lab File: VU058046.D
 Acq: 12 Mar 2024 08:56



Tgt Ion: 128 Resp: 20828

Ion	Ratio	Lower	Upper
128	100		
49	186.0	122.0	226.6
130	126.6	86.6	160.8
51	52.2	44.6	66.8





#25

Chloroform

Concen: 5.321 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU058046.D

Acq: 12 Mar 2024 08:56

Instrument :

MSVOA_U

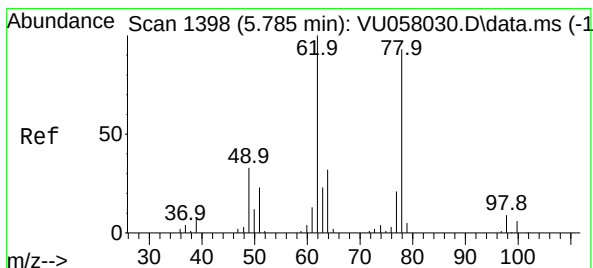
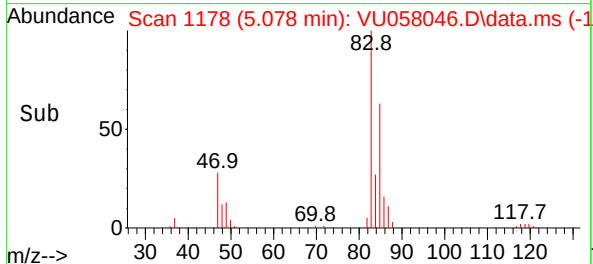
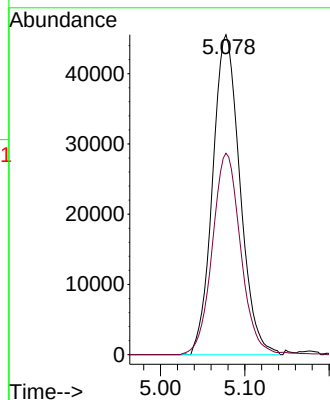
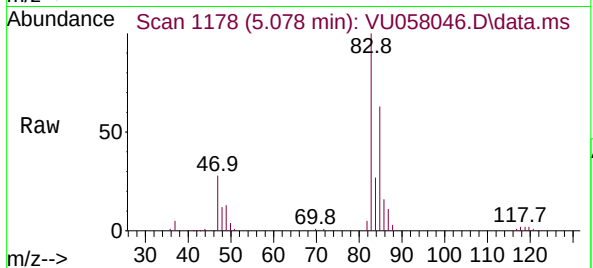
ClientSampleId :

Tgt Ion: 83 Resp: 102615

Ion Ratio Lower Upper

83 100

85 62.9 45.4 84.4



#27

1,2-Dichloroethane

Concen: 5.428 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VU058046.D

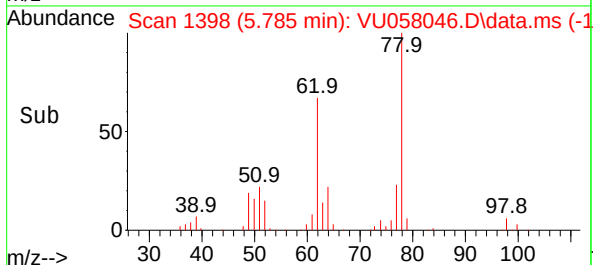
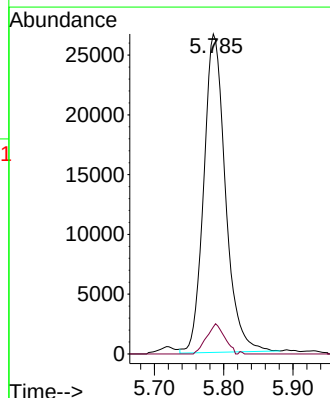
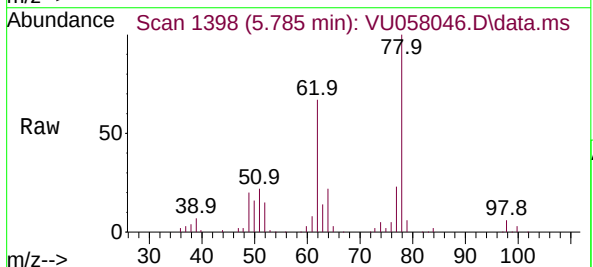
Acq: 12 Mar 2024 08:56

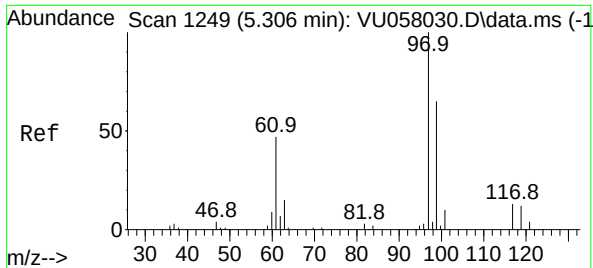
Tgt Ion: 62 Resp: 57954

Ion Ratio Lower Upper

62 100

98 8.5 7.0 10.4

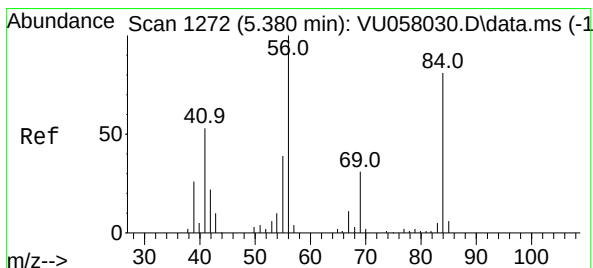
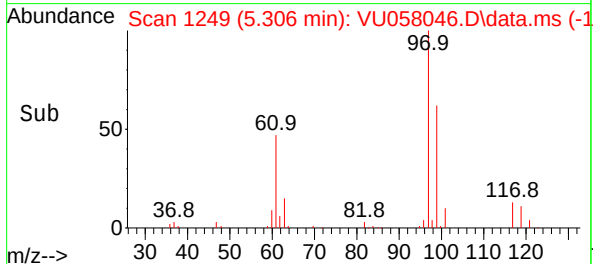
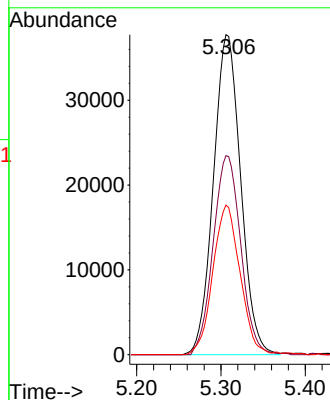
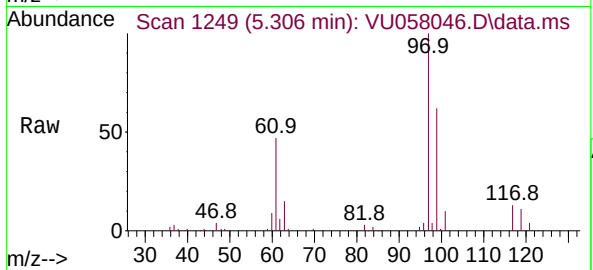




#29
1,1,1-Trichloroethane
Concen: 5.331 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU058046.D
Acq: 12 Mar 2024 08:56

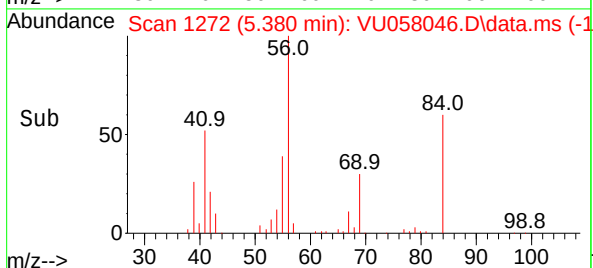
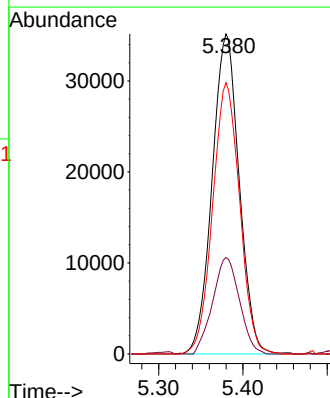
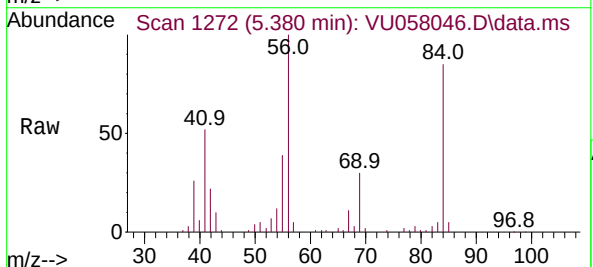
Instrument :
MSVOA_U
ClientSampleId :

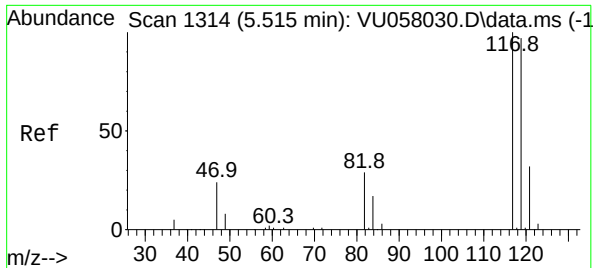
Tgt Ion:	97	Resp:	84861
Ion	Ratio	Lower	Upper
97	100		
99	62.9	51.2	76.8
61	46.5	37.4	56.2



#30
Cyclohexane
Concen: 4.864 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU058046.D
Acq: 12 Mar 2024 08:56

Tgt Ion:	56	Resp:	78191
Ion	Ratio	Lower	Upper
56	100		
69	29.9	24.2	36.2
84	84.7	66.6	99.8

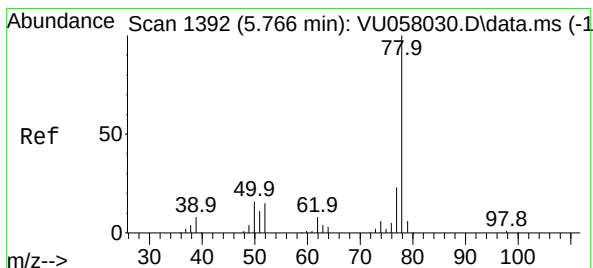
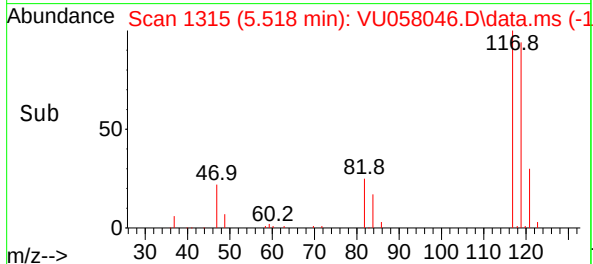
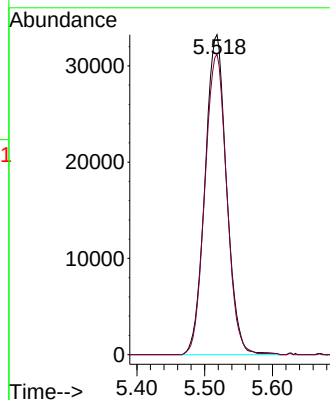
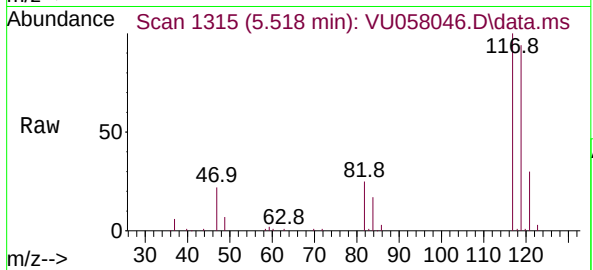




#31
Carbon tetrachloride
Concen: 5.301 ug/L
RT: 5.518 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU058046.D
Acq: 12 Mar 2024 08:56

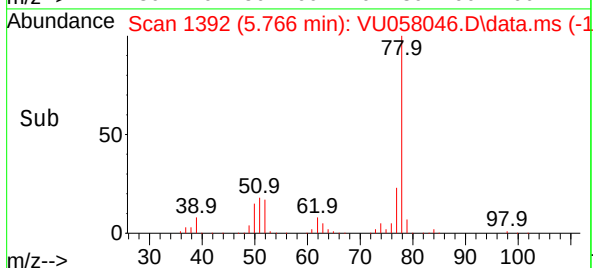
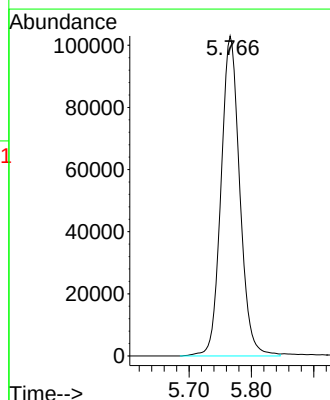
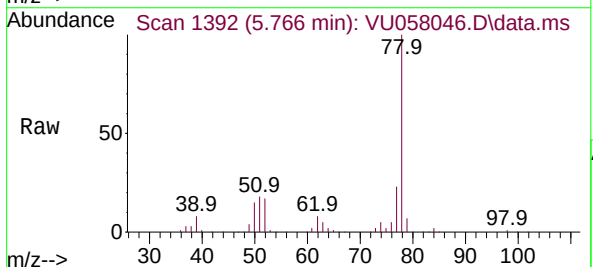
Instrument :
MSVOA_U
ClientSampleId :

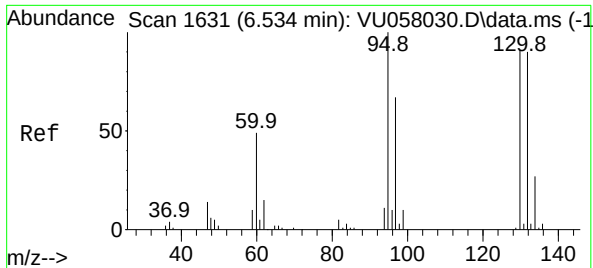
Tgt Ion:117 Resp: 73324
Ion Ratio Lower Upper
117 100
119 95.2 75.8 113.8



#33
Benzene
Concen: 5.239 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU058046.D
Acq: 12 Mar 2024 08:56

Tgt Ion: 78 Resp: 215001

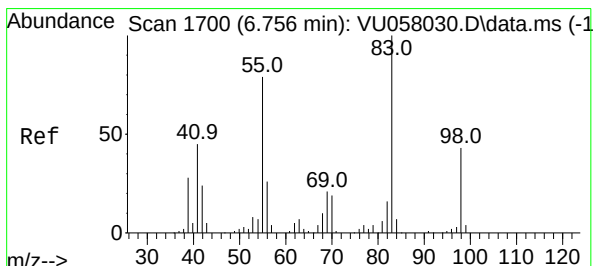
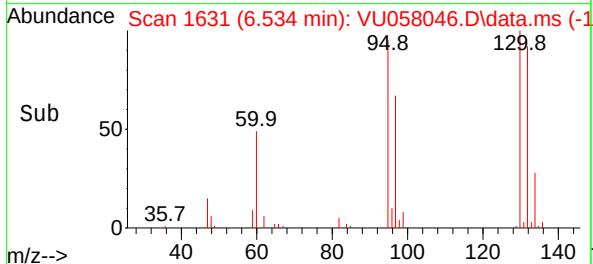
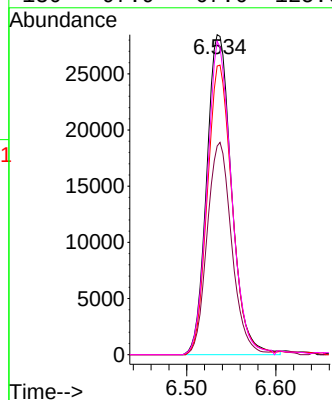
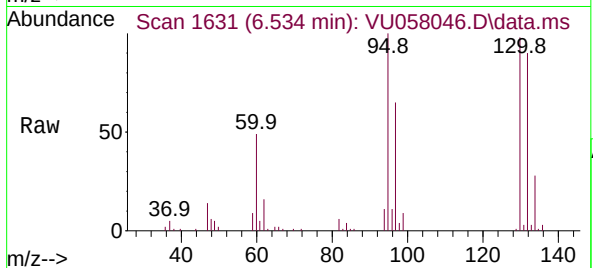




#34
Trichloroethene
Concen: 5.125 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU058046.D
Acq: 12 Mar 2024 08:56

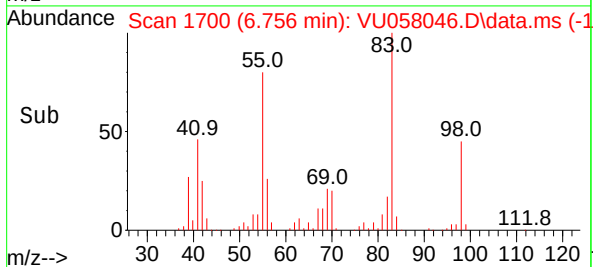
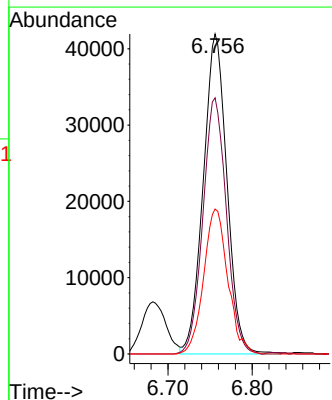
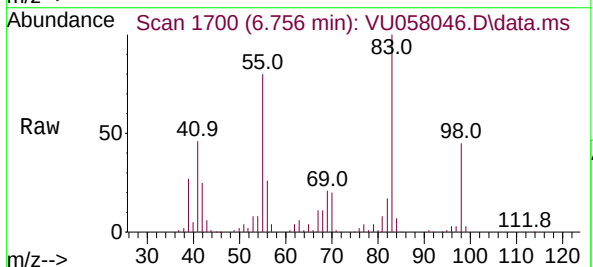
Instrument :
MSVOA_U
ClientSampleId :

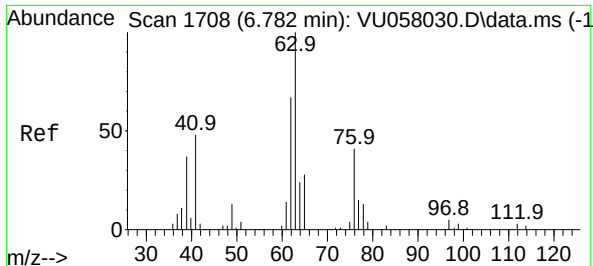
Tgt Ion: 95 Resp: 55348
Ion Ratio Lower Upper
95 100
97 65.2 45.3 84.1
132 90.2 63.1 117.1
130 97.9 67.6 125.6



#35
Methylcyclohexane
Concen: 4.952 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU058046.D
Acq: 12 Mar 2024 08:56

Tgt Ion: 83 Resp: 81973
Ion Ratio Lower Upper
83 100
55 79.5 63.0 94.6
98 46.2 36.2 54.4

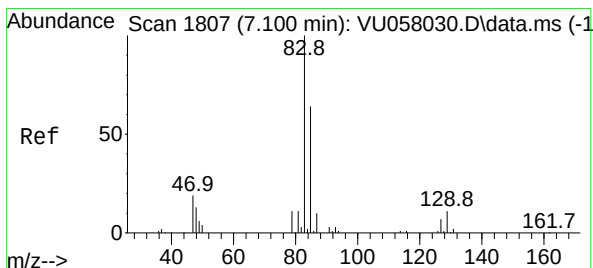
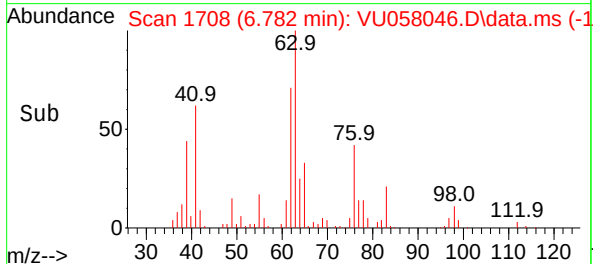
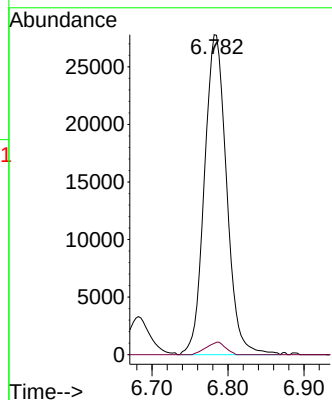
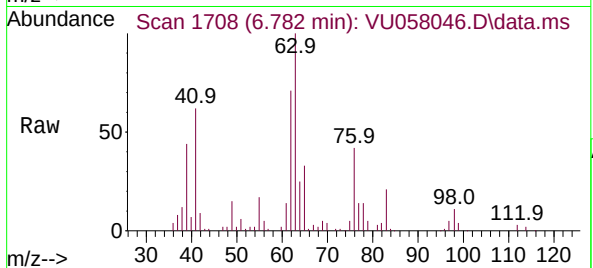




#37
1,2-Dichloropropane
Concen: 5.326 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU058046.D
Acq: 12 Mar 2024 08:56

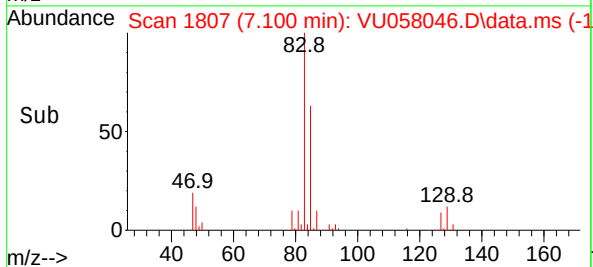
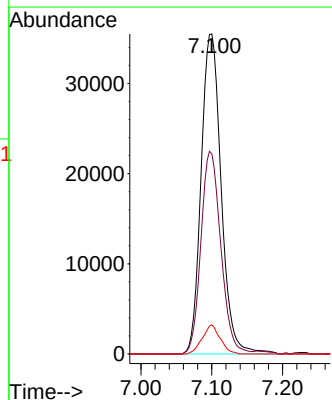
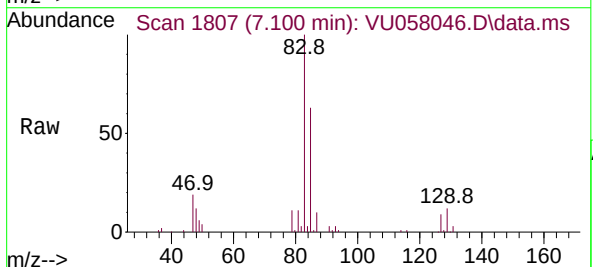
Instrument :
MSVOA_U
ClientSampleId :

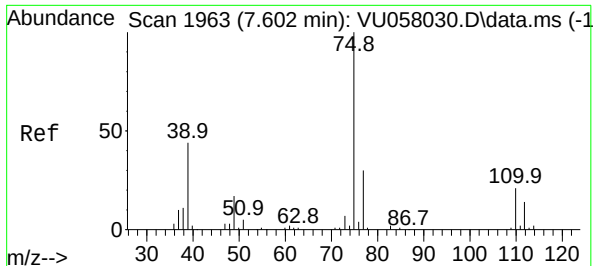
Tgt Ion: 63 Resp: 56360
Ion Ratio Lower Upper
63 100
112 3.4 3.0 4.4



#38
Bromodichloromethane
Concen: 5.438 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU058046.D
Acq: 12 Mar 2024 08:56

Tgt Ion: 83 Resp: 69827
Ion Ratio Lower Upper
83 100
85 62.5 44.5 82.7
127 9.1 6.6 9.8

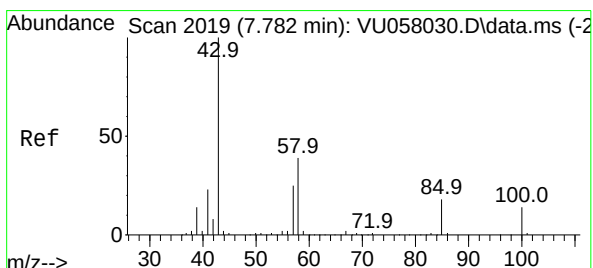
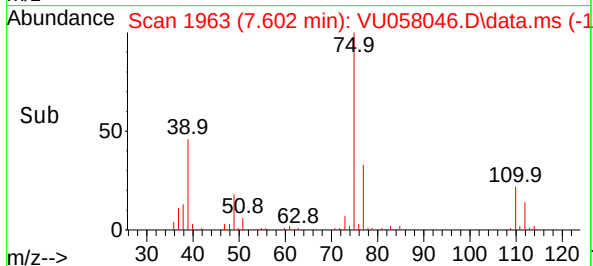
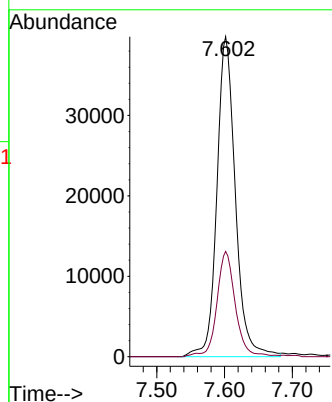
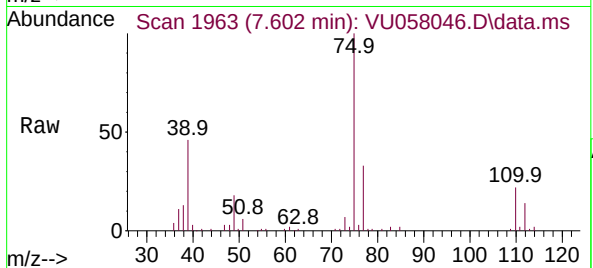




#39
 cis-1,3-Dichloropropene
 Concen: 5.170 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU058046.D
 Acq: 12 Mar 2024 08:56

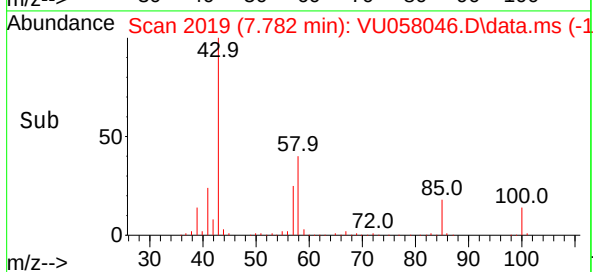
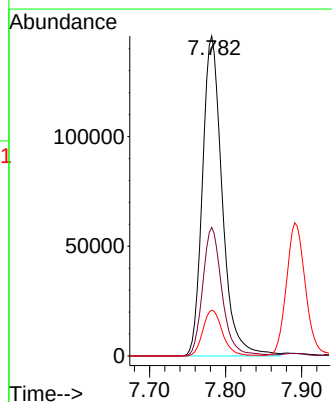
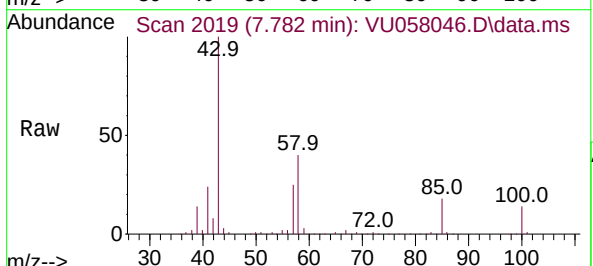
Instrument :
 MSVOA_U
 ClientSampleId :

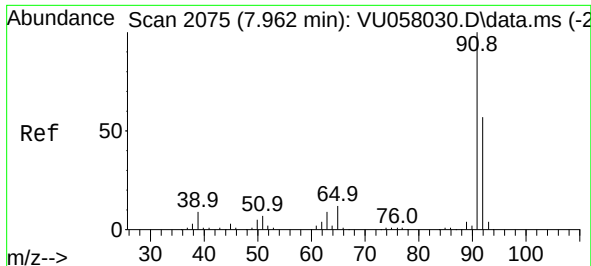
Tgt Ion: 75 Resp: 75382
 Ion Ratio Lower Upper
 75 100
 77 32.9 22.3 41.5



#40
 4-Methyl-2-pentanone
 Concen: 54.154 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU058046.D
 Acq: 12 Mar 2024 08:56

Tgt Ion: 43 Resp: 263650
 Ion Ratio Lower Upper
 43 100
 58 39.4 31.7 47.5
 100 14.3 11.3 16.9





#42

Toluene

Concen: 5.288 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU058046.D

Acq: 12 Mar 2024 08:56

Instrument :

MSVOA_U

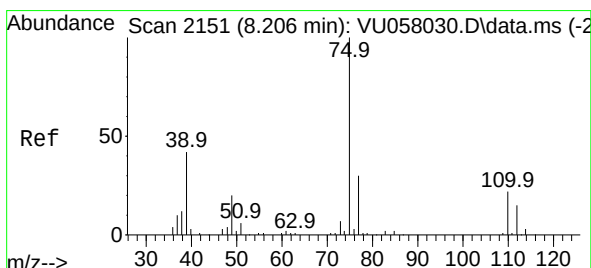
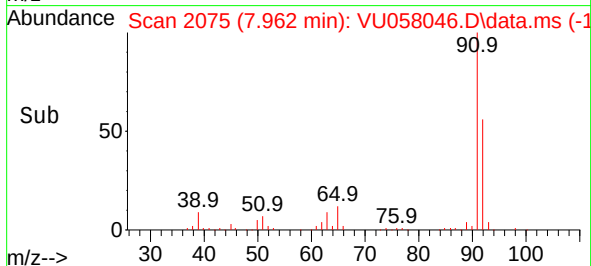
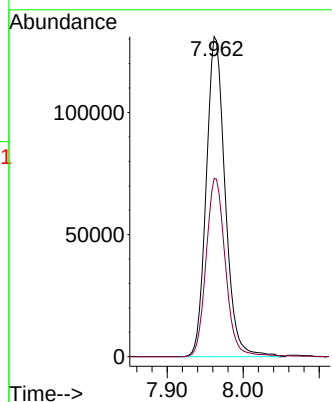
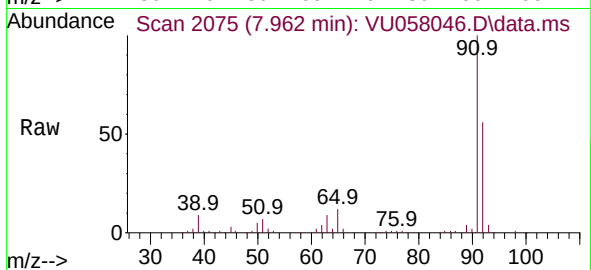
ClientSampleId :

Tgt Ion: 91 Resp: 226006

Ion Ratio Lower Upper

91 100

92 55.7 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 5.207 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU058046.D

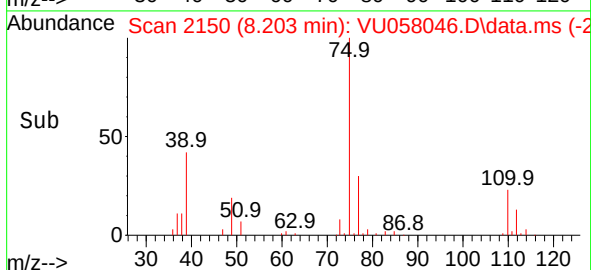
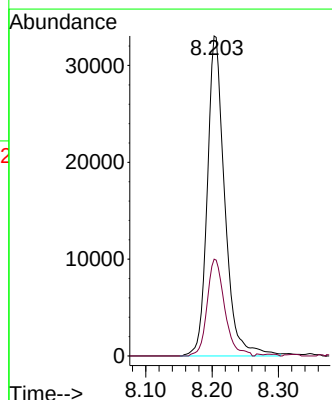
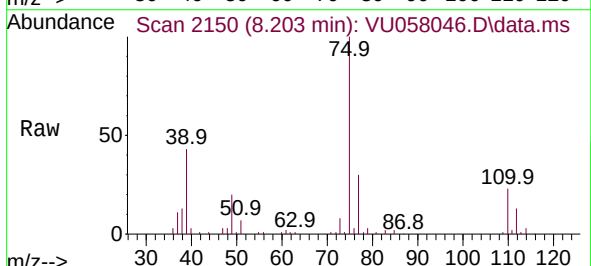
Acq: 12 Mar 2024 08:56

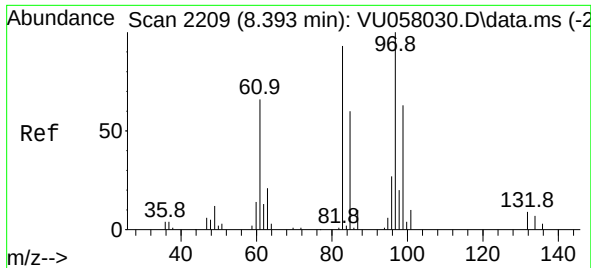
Tgt Ion: 75 Resp: 60501

Ion Ratio Lower Upper

75 100

77 30.2 23.1 42.9

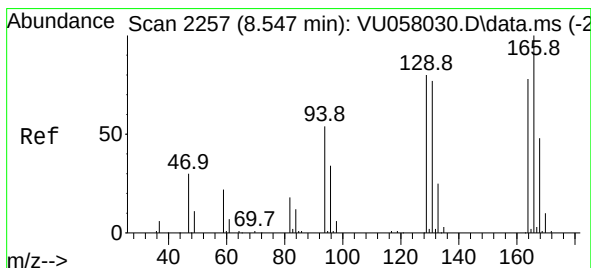
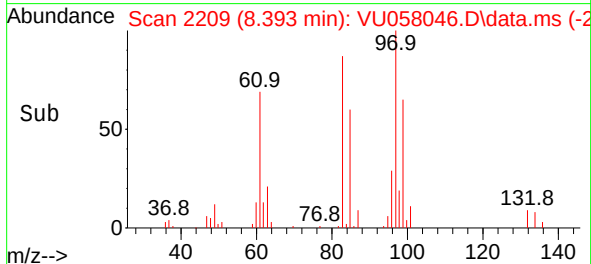
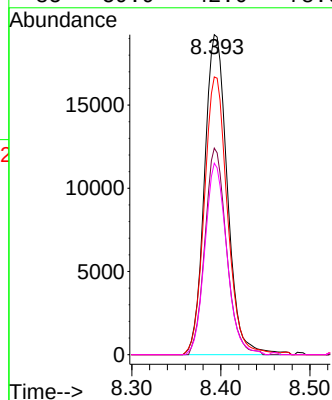
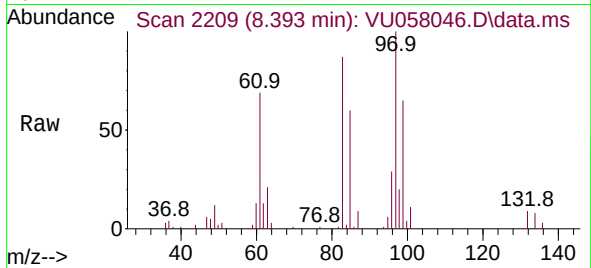




#45
1,1,2-Trichloroethane
Concen: 5.456 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU058046.D
Acq: 12 Mar 2024 08:56

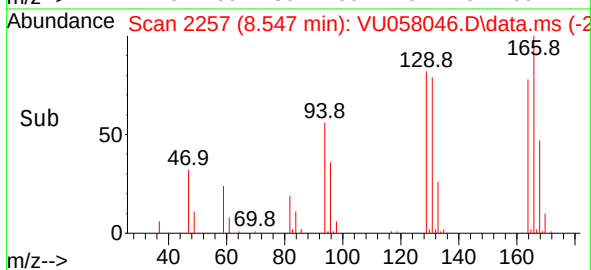
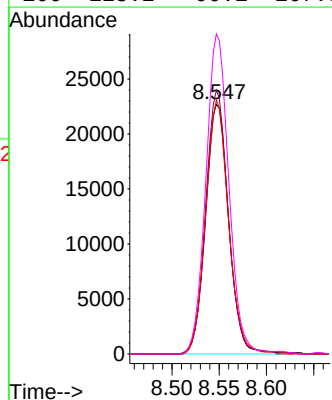
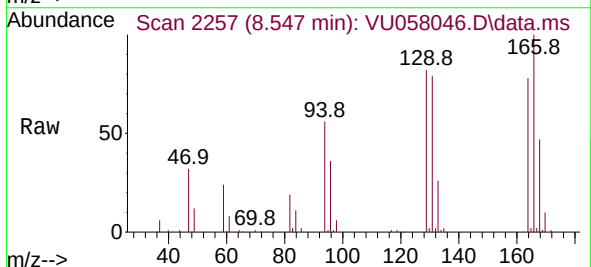
Instrument :
MSVOA_U
ClientSampleId :

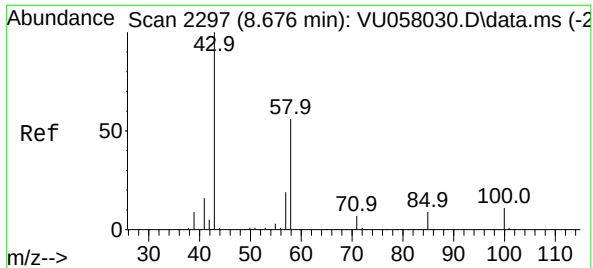
Tgt Ion: 97	Resp: 34237
Ion Ratio	Lower Upper
97 100	
99 64.6	44.2 82.2
83 86.8	64.2 119.2
85 59.9	42.0 78.0



#47
Tetrachloroethene
Concen: 5.163 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU058046.D
Acq: 12 Mar 2024 08:56

Tgt	Ion:164	Resp:	38680
Ion	Ratio	Lower	Upper
164	100		
129	105.7	69.3	128.7
131	101.8	69.9	129.9
166	128.2	90.1	167.3





#48

2-Hexanone

Concen: 51.473 ug/L

RT: 8.676 min Scan# 2297

Delta R.T. -0.000 min MSVOA_U

Lab File: VU058046.D

Acq: 12 Mar 2024 08:56

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 183777

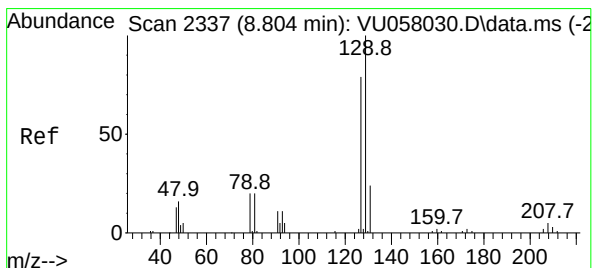
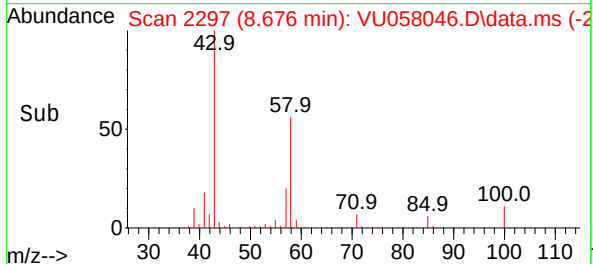
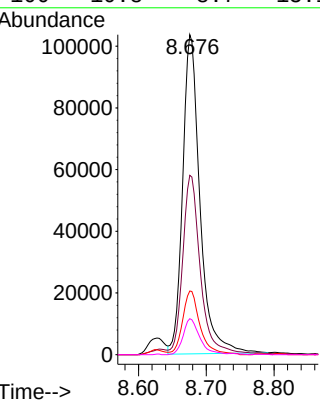
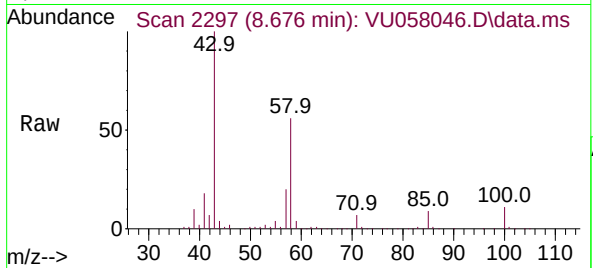
Ion Ratio Lower Upper

43 100

58 56.0 43.3 64.9

57 20.2 15.2 22.8

100 10.8 8.7 13.1



#49

Dibromochloromethane

Concen: 5.552 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VU058046.D

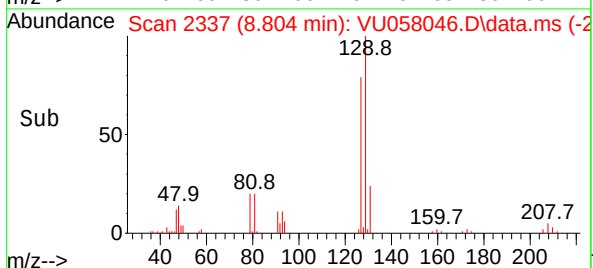
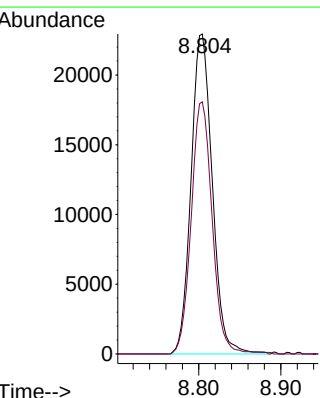
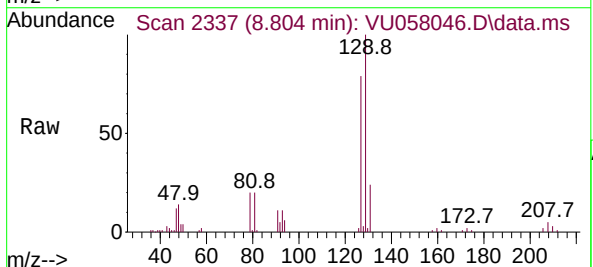
Acq: 12 Mar 2024 08:56

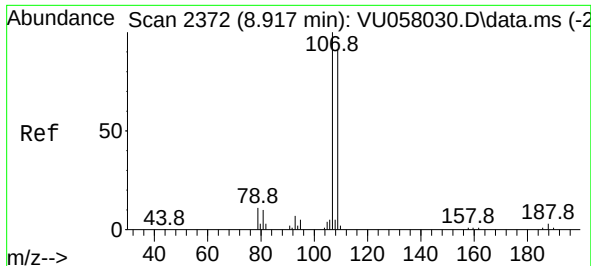
Tgt Ion:129 Resp: 41237

Ion Ratio Lower Upper

129 100

127 78.8 55.2 102.6

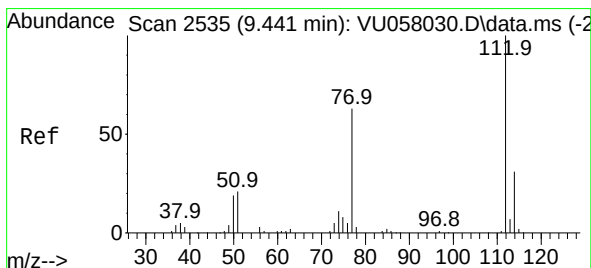
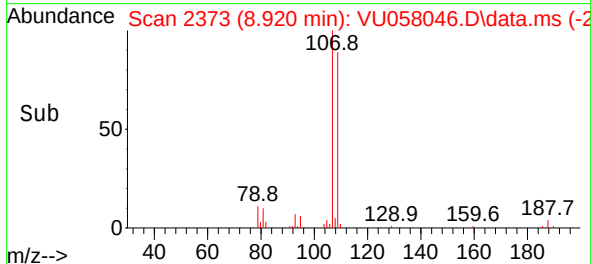
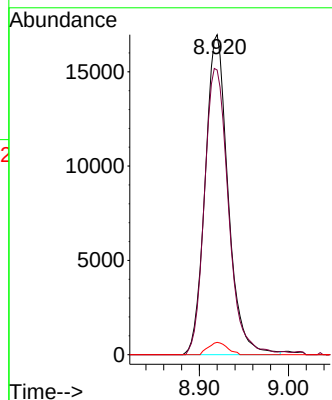
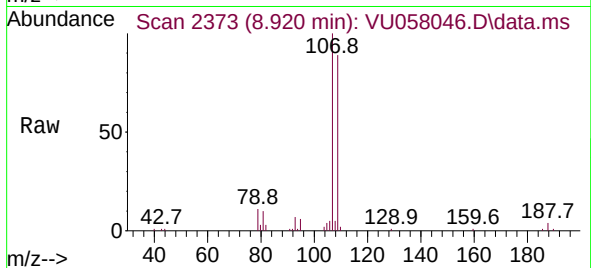




#50
1,2-Dibromoethane
Concen: 5.440 ug/L
RT: 8.920 min Scan# 24
Delta R.T. 0.003 min
Lab File: VU058046.D
Acq: 12 Mar 2024 08:56

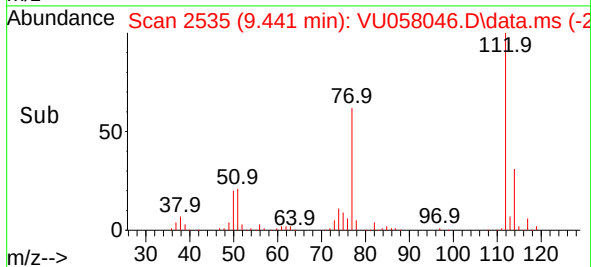
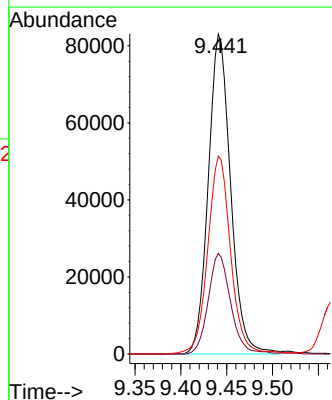
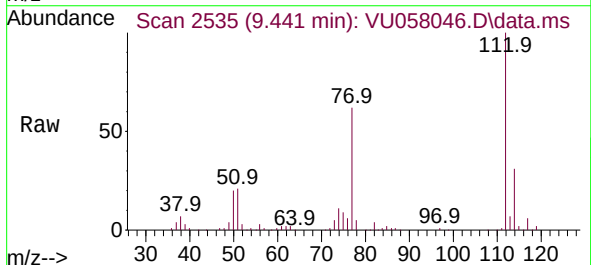
Instrument :
MSVOA_U
ClientSampleId :

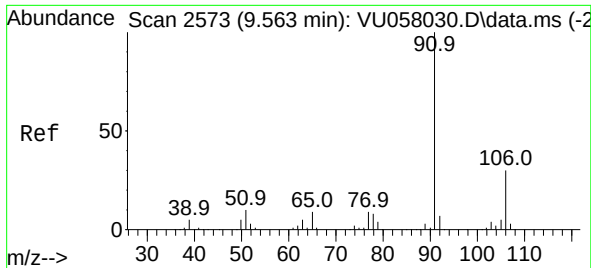
Tgt Ion:107 Resp: 30296
Ion Ratio Lower Upper
107 100
109 88.9 67.8 125.8
188 3.9 2.4 3.6#



#51
Chlorobenzene
Concen: 5.241 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU058046.D
Acq: 12 Mar 2024 08:56

Tgt Ion:112 Resp: 140479
Ion Ratio Lower Upper
112 100
114 31.4 22.7 42.1
77 61.8 52.3 78.5

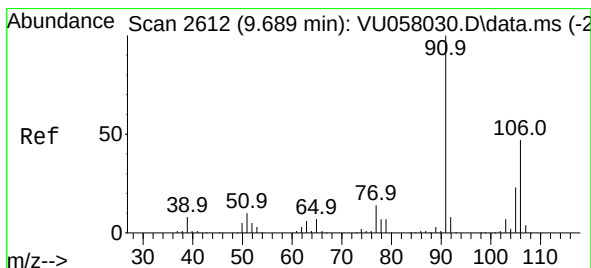
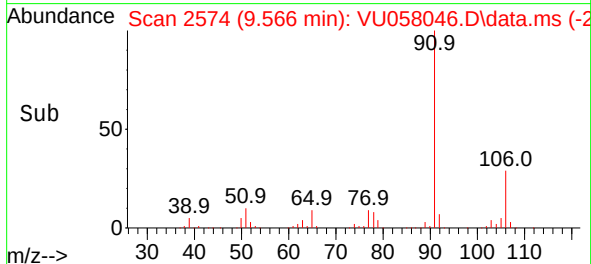
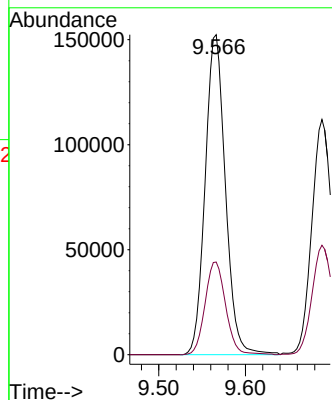
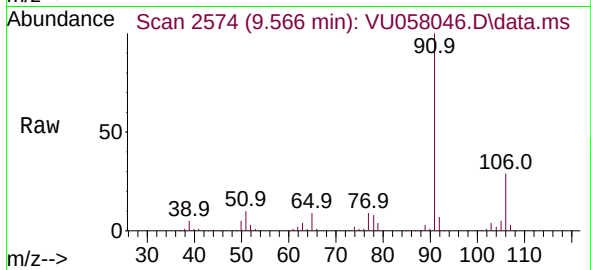




#52
Ethylbenzene
Concen: 5.165 ug/L
RT: 9.566 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU058046.D
Acq: 12 Mar 2024 08:56

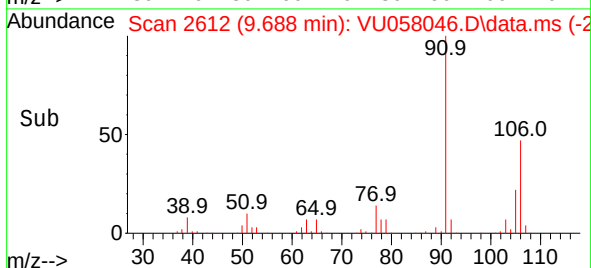
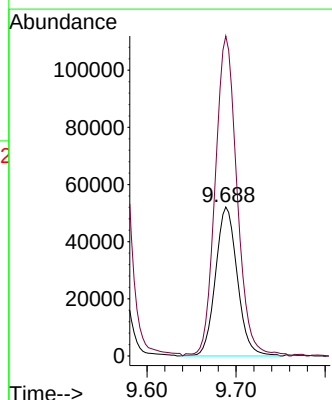
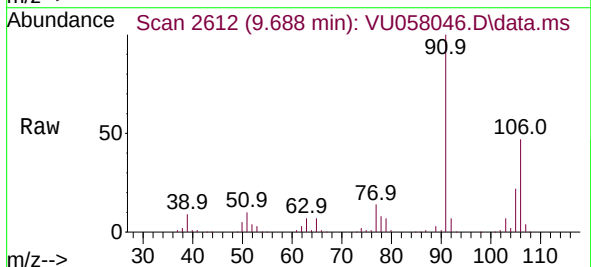
Instrument :
MSVOA_U
ClientSampleId :

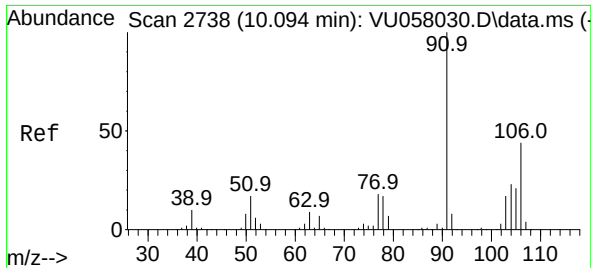
Tgt Ion: 91 Resp: 247042
Ion Ratio Lower Upper
91 100
106 29.0 20.9 38.7



#53
m,p-Xylene
Concen: 5.188 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU058046.D
Acq: 12 Mar 2024 08:56

Tgt Ion:106 Resp: 88651
Ion Ratio Lower Upper
106 100
91 214.8 148.8 276.4

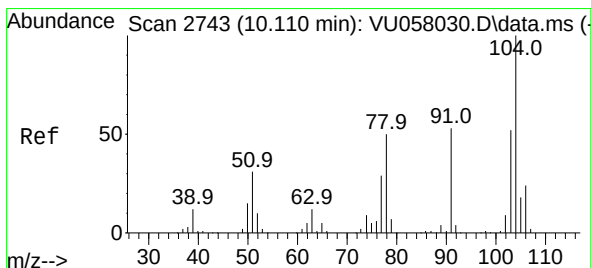
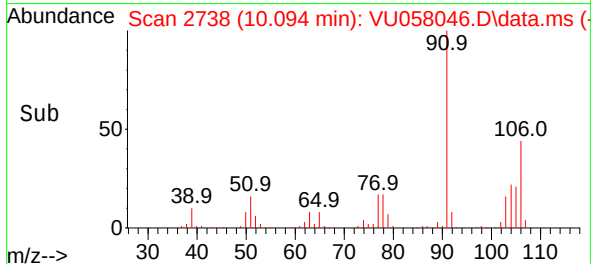
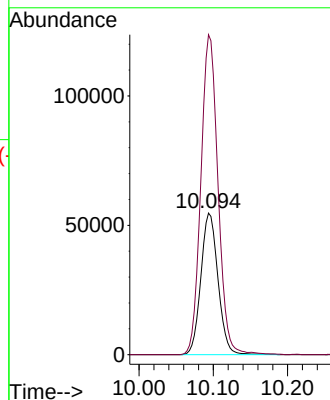
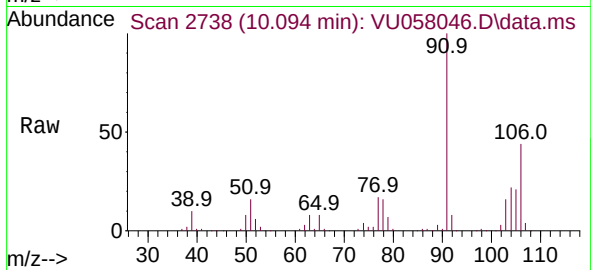




#54
o-Xylene
Concen: 5.155 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU058046.D
Acq: 12 Mar 2024 08:56

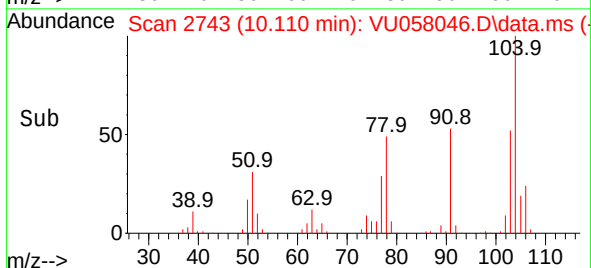
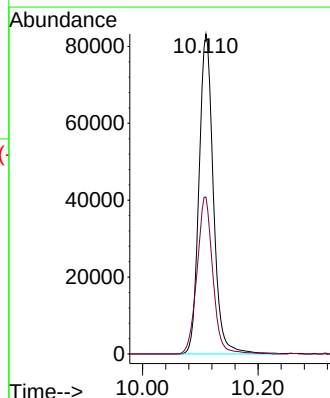
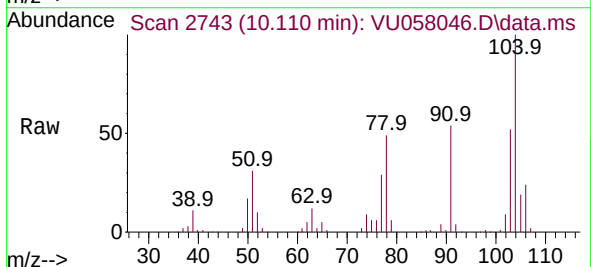
Instrument :
MSVOA_U
ClientSampleId :

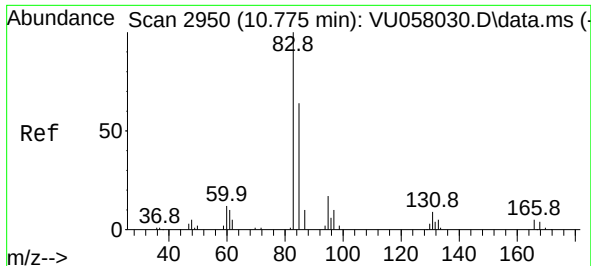
Tgt Ion:106 Resp: 87803
Ion Ratio Lower Upper
106 100
91 226.0 158.3 294.1



#55
Styrene
Concen: 5.367 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU058046.D
Acq: 12 Mar 2024 08:56

Tgt Ion:104 Resp: 143480
Ion Ratio Lower Upper
104 100
78 49.1 34.2 63.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.384 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU058046.D

Acq: 12 Mar 2024 08:56

Instrument :

MSVOA_U

ClientSampleId :

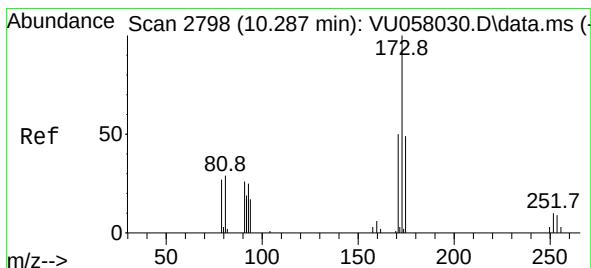
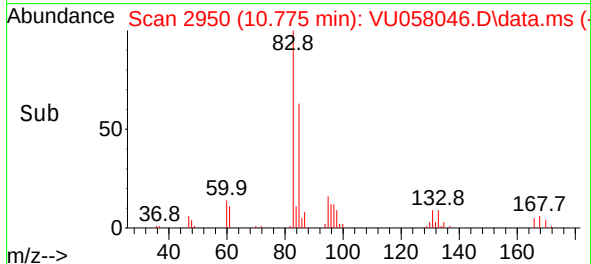
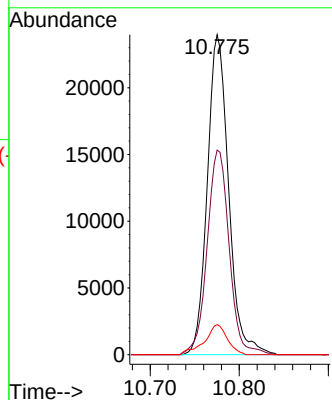
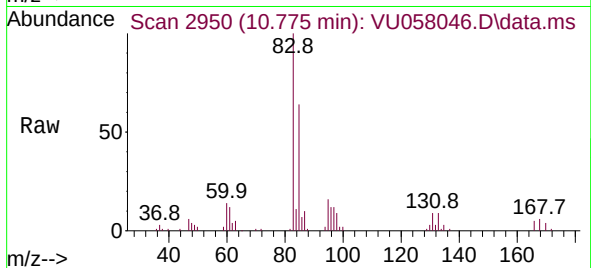
Tgt Ion: 83 Resp: 39798

Ion Ratio Lower Upper

83 100

85 64.0 44.0 81.6

131 9.4 6.9 10.3



#59

Bromoform

Concen: 5.500 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. -0.000 min

Lab File: VU058046.D

Acq: 12 Mar 2024 08:56

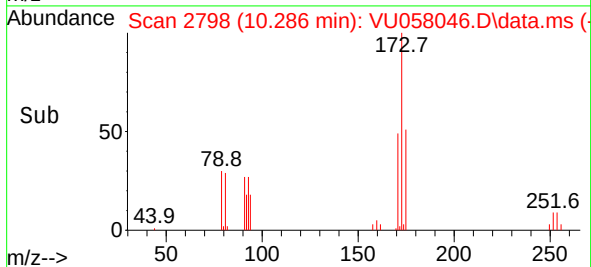
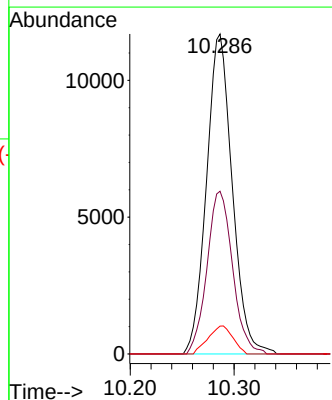
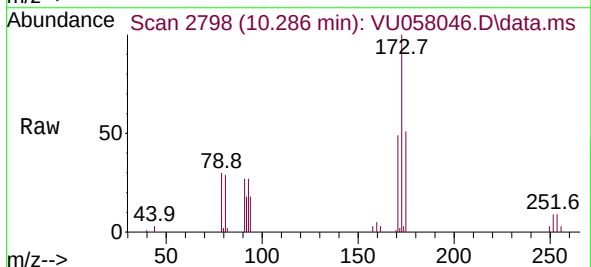
Tgt Ion:173 Resp: 20111

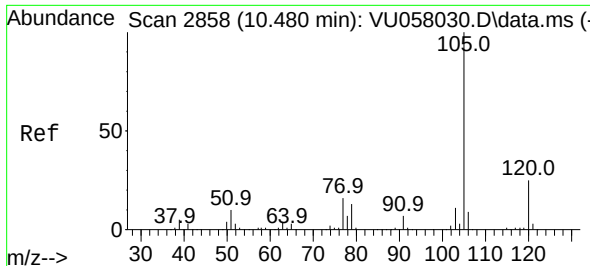
Ion Ratio Lower Upper

173 100

175 50.5 38.6 57.8

254 8.4 7.3 10.9





#60

Isopropylbenzene

Concen: 5.188 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. -0.000 min

Lab File: VU058046.D

Acq: 12 Mar 2024 08:56

Instrument :

MSVOA_U

ClientSampleId :

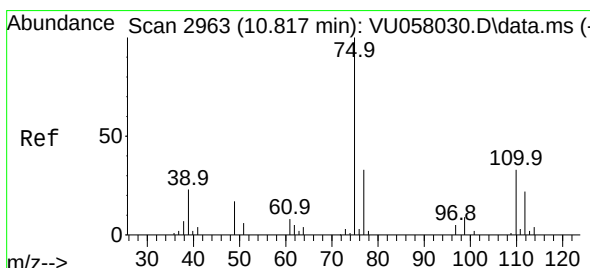
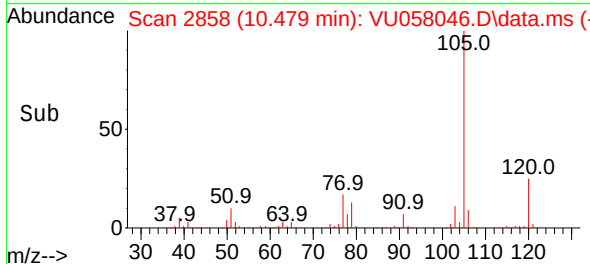
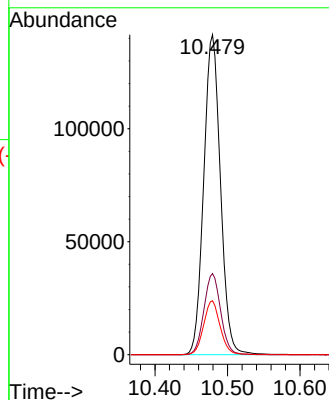
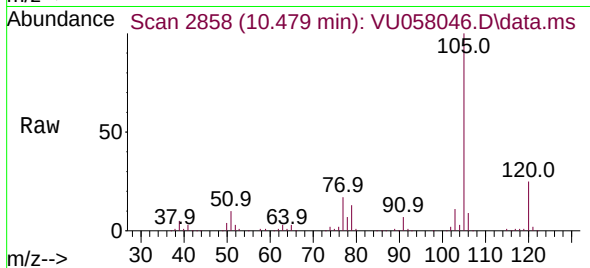
Tgt Ion:105 Resp: 226539

Ion Ratio Lower Upper

105 100

120 25.5 20.4 30.6

77 16.7 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 5.409 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. -0.000 min

Lab File: VU058046.D

Acq: 12 Mar 2024 08:56

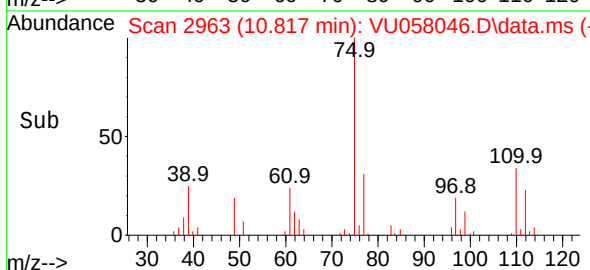
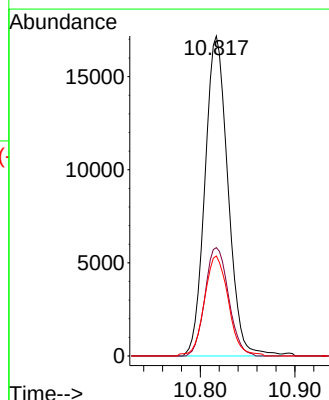
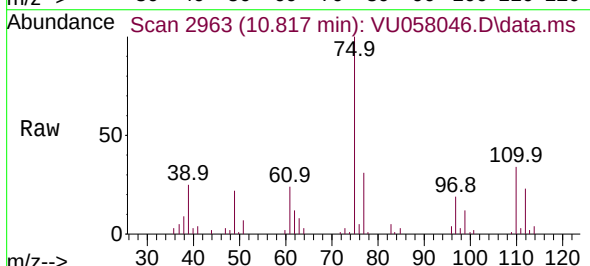
Tgt Ion: 75 Resp: 29049

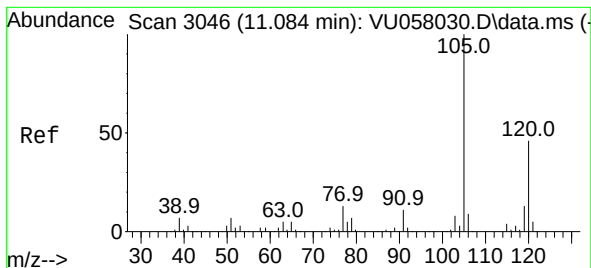
Ion Ratio Lower Upper

75 100

110 34.7 28.0 42.0

77 32.5 24.7 37.1

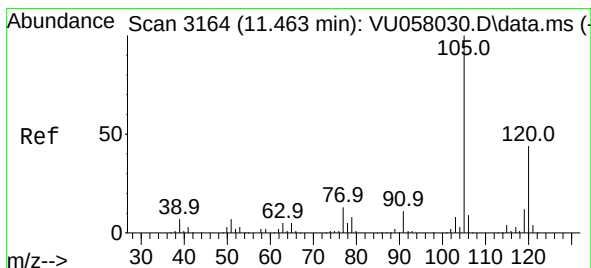
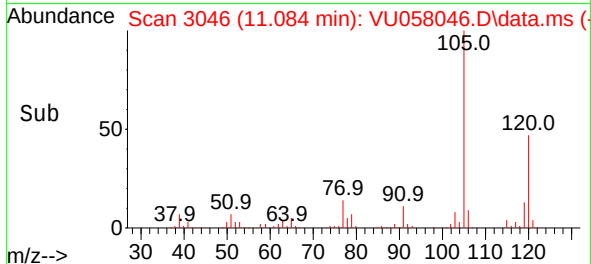
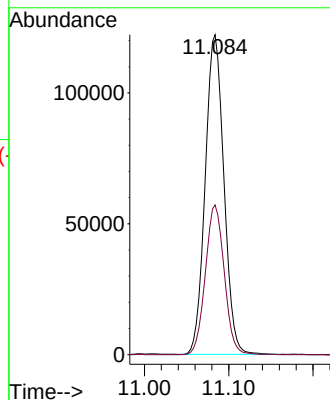
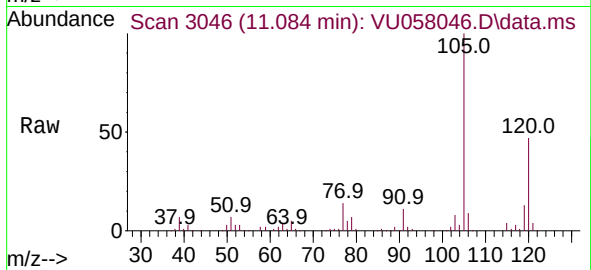




#62
1,3,5-Trimethylbenzene
Concen: 5.135 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU058046.D
Acq: 12 Mar 2024 08:56

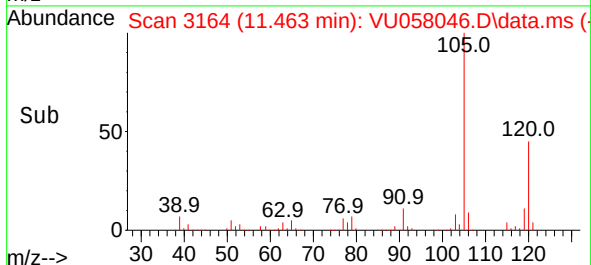
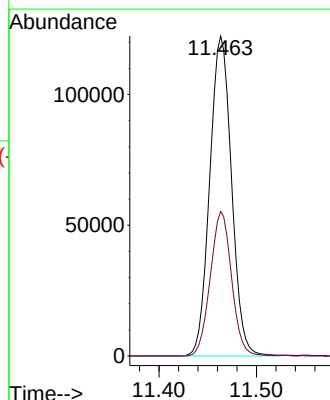
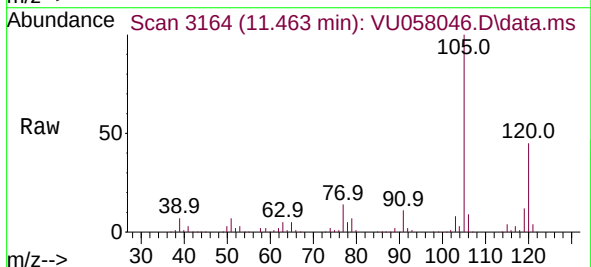
Instrument :
MSVOA_U
ClientSampleId :

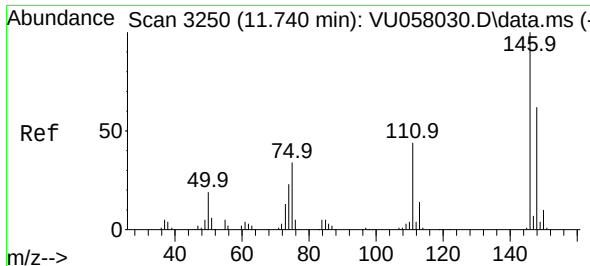
Tgt Ion:105 Resp: 189106
Ion Ratio Lower Upper
105 100
120 47.2 37.1 55.7



#63
1,2,4-Trimethylbenzene
Concen: 5.226 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU058046.D
Acq: 12 Mar 2024 08:56

Tgt Ion:105 Resp: 189931
Ion Ratio Lower Upper
105 100
120 44.2 34.8 52.2

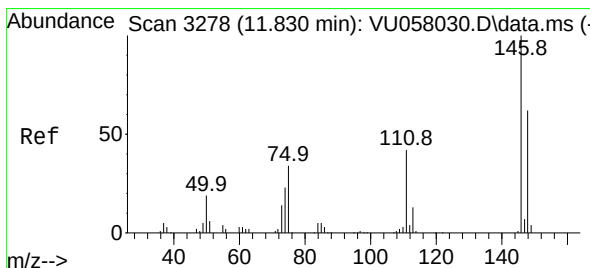
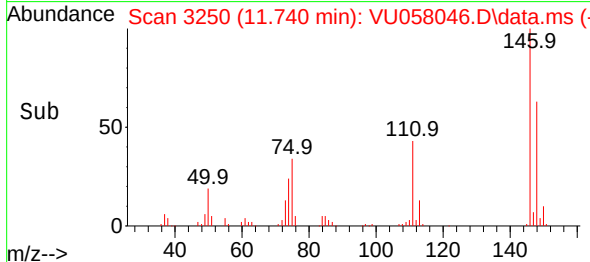
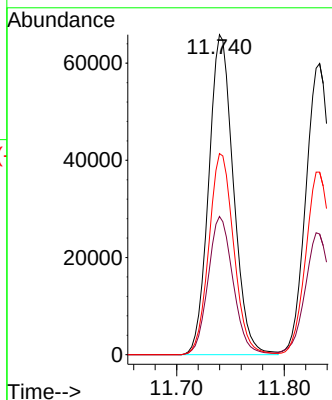
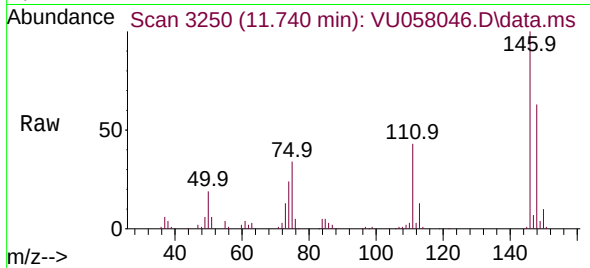




#64
1,3-Dichlorobenzene
Concen: 5.295 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU058046.D
Acq: 12 Mar 2024 08:56

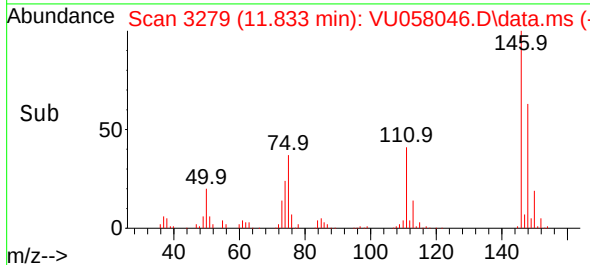
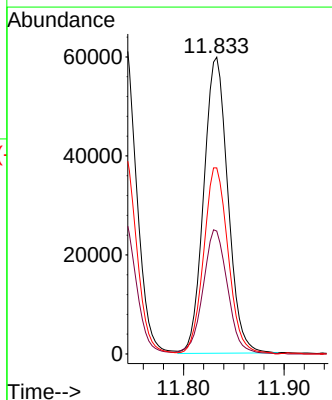
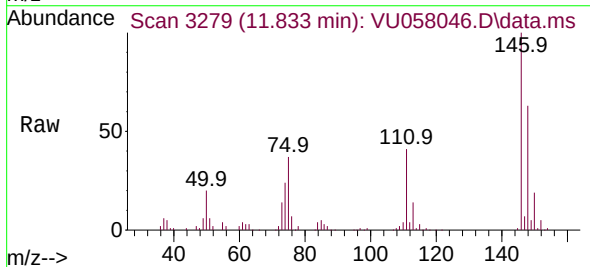
Instrument :
MSVOA_U
ClientSampleId :

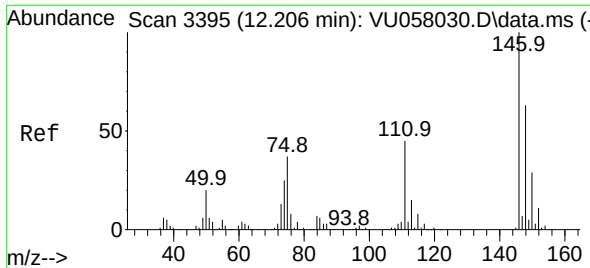
Tgt Ion:146 Resp: 105087
Ion Ratio Lower Upper
146 100
111 43.2 30.9 57.5
148 62.9 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 5.133 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU058046.D
Acq: 12 Mar 2024 08:56

Tgt Ion:146 Resp: 99722
Ion Ratio Lower Upper
146 100
111 41.4 30.1 55.9
148 62.7 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 5.279 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU058046.D

Acq: 12 Mar 2024 08:56

Instrument :

MSVOA_U

ClientSampleId :

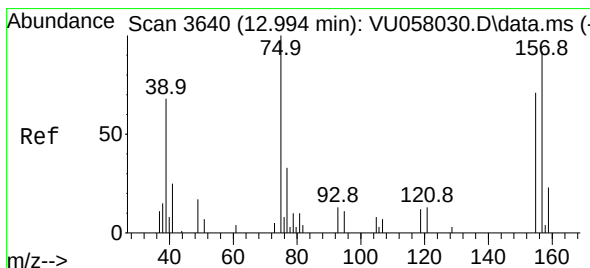
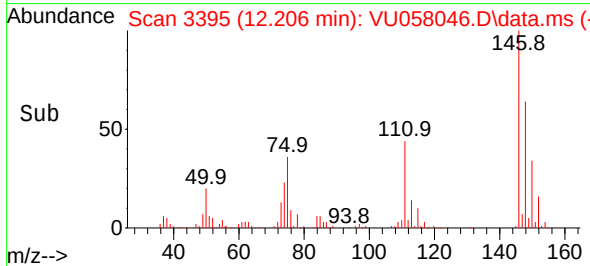
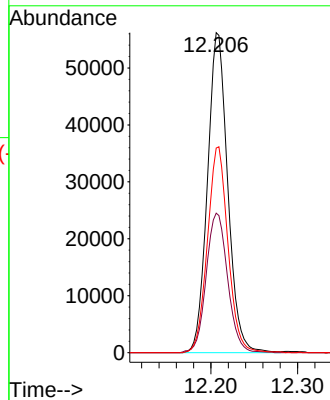
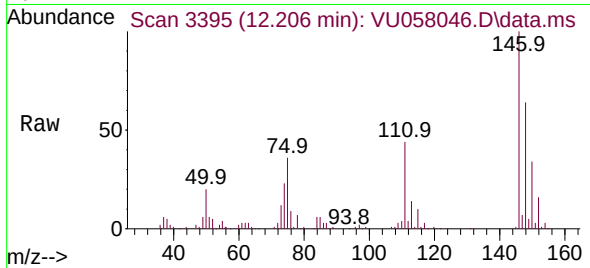
Tgt Ion:146 Resp: 91470

Ion Ratio Lower Upper

146 100

111 43.6 37.4 56.0

148 63.9 50.8 76.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.693 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.003 min

Lab File: VU058046.D

Acq: 12 Mar 2024 08:56

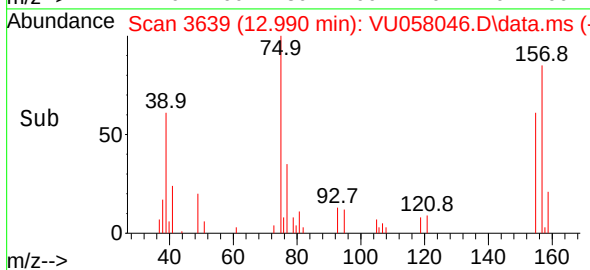
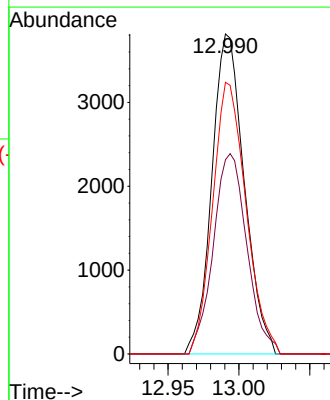
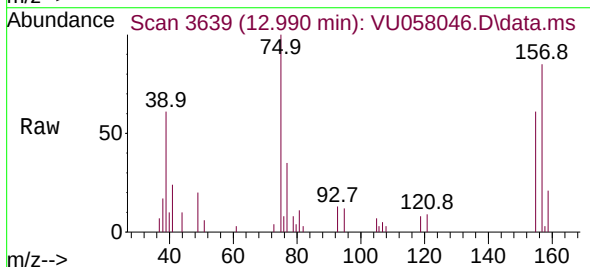
Tgt Ion: 75 Resp: 6066

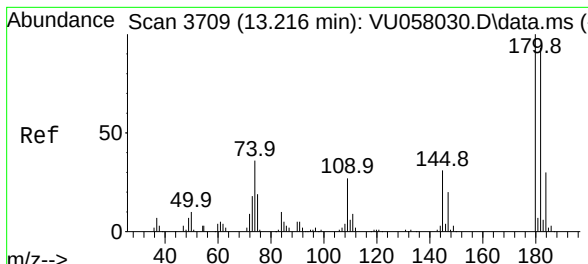
Ion Ratio Lower Upper

75 100

155 60.7 61.0 91.6#

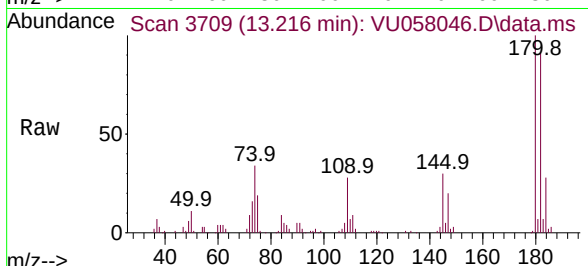
157 84.9 74.6 112.0





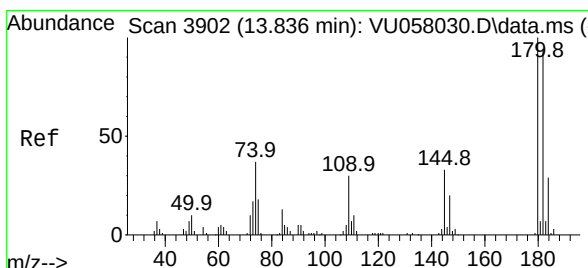
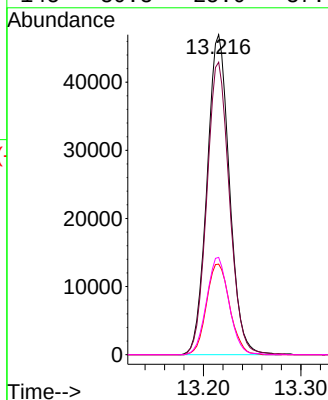
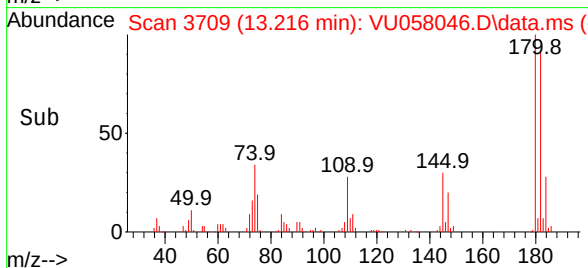
#69
 1,3,5-Trichlorobenzene
 Concen: 5.260 ug/L
 RT: 13.216 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU058046.D
 Acq: 12 Mar 2024 08:56

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 75099

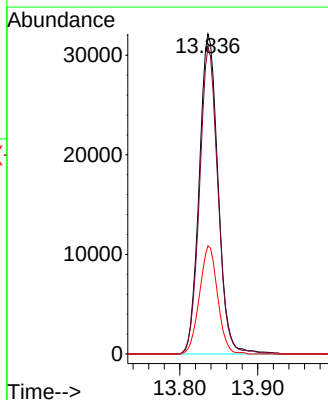
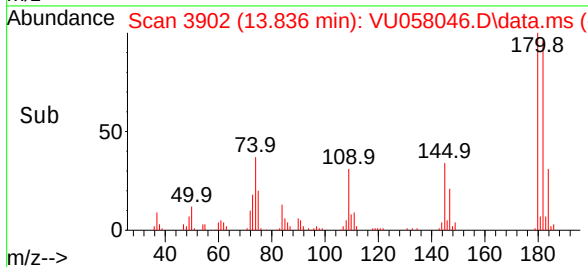
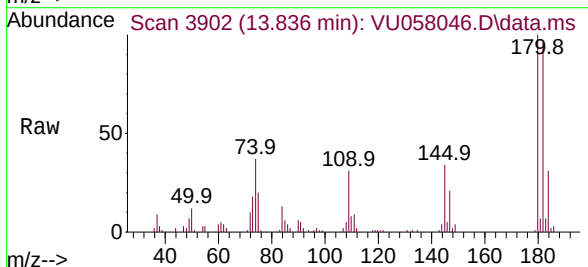
Ion	Ratio	Lower	Upper
180	100		
182	92.2	76.3	114.5
184	29.3	24.6	36.8
145	30.3	25.0	37.6

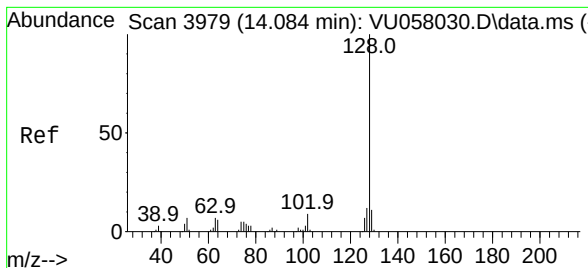


#70
 1,2,4-trichlorobenzene
 Concen: 5.019 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. -0.000 min
 Lab File: VU058046.D
 Acq: 12 Mar 2024 08:56

Tgt Ion:180 Resp: 53836

Ion	Ratio	Lower	Upper
180	100		
182	93.8	77.9	116.9
145	32.6	25.8	38.8





#71

Naphthalene

Concen: 4.391 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. -0.000 min

Lab File: VU058046.D

Acq: 12 Mar 2024 08:56

Instrument :

MSVOA_U

ClientSampleId :

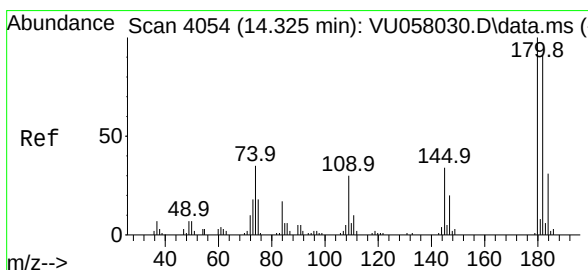
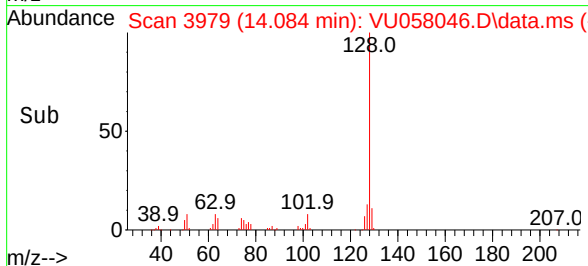
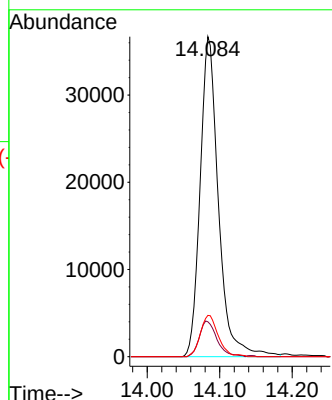
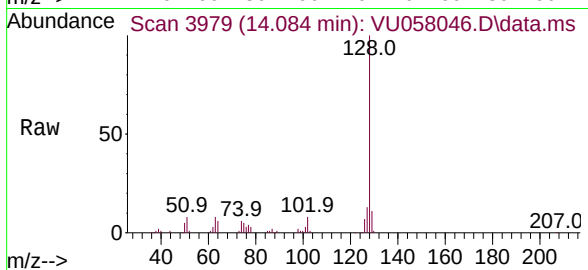
Tgt Ion:128 Resp: 64325

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.6

127 12.7 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 4.919 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU058046.D

Acq: 12 Mar 2024 08:56

Tgt Ion:180 Resp: 41680

Ion Ratio Lower Upper

180 100

182 96.9 77.6 116.4

145 34.1 28.7 43.1

