

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051524\
 Data File : VU058903.D
 Acq On : 15 May 2024 15:05
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 16 01:53:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 16 01:51:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	153056	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	153585	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	79414	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	41485	4.475	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.400%
7) Chloroethane-d5	1.911	69	39840	4.754	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.567	65	17246	4.565	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.200%
20) 2-Butanone-d5	4.634	46	142432	59.090	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.180%
24) Chloroform-d	5.058	84	98502	5.261	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%
26) 1,2-Dichloroethane-d4	5.698	65	48535	5.044	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.721	84	175583	4.980	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	6.685	67	60730	5.170	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.400%
41) Toluene-d8	7.894	98	154855	4.826	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
43) trans-1,3-Dichloroprop...	8.177	79	21093	5.233	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.600%
46) 2-Hexanone-d5	8.631	63	112155	57.975	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.940%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	54415	5.364	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	60007	5.024	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	59370	5.302	ug/L	98
3) Chloromethane	1.518	50	67135	5.149	ug/L	100
5) Vinyl chloride	1.602	62	74010	5.298	ug/L	98
6) Bromomethane	1.856	94	44279	5.088	ug/L	98
8) Chloroethane	1.933	64	45425	5.117	ug/L	98
9) Trichlorofluoromethane	2.136	101	93243	5.204	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	59424	5.473	ug/L	97
12) 1,1-Dichloroethene	2.576	96	50944	5.343	ug/L	98
13) Acetone	2.650	43	103359	62.039	ug/L	99
14) Carbon disulfide	2.792	76	150063	4.967	ug/L	99
15) Methyl Acetate	2.959	43	21896	5.288	ug/L	95
16) Methylene chloride	3.042	84	63521	4.910	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	129457	5.223	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	52784	5.257	ug/L	98
19) 1,1-Dichloroethane	3.862	63	115515	5.504	ug/L	98
21) 2-Butanone	4.711	43	155393	58.154	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	62013	5.365	ug/L	98
23) Bromochloromethane	4.968	128	27084	5.305	ug/L	94
25) Chloroform	5.081	83	117284	5.348	ug/L	99

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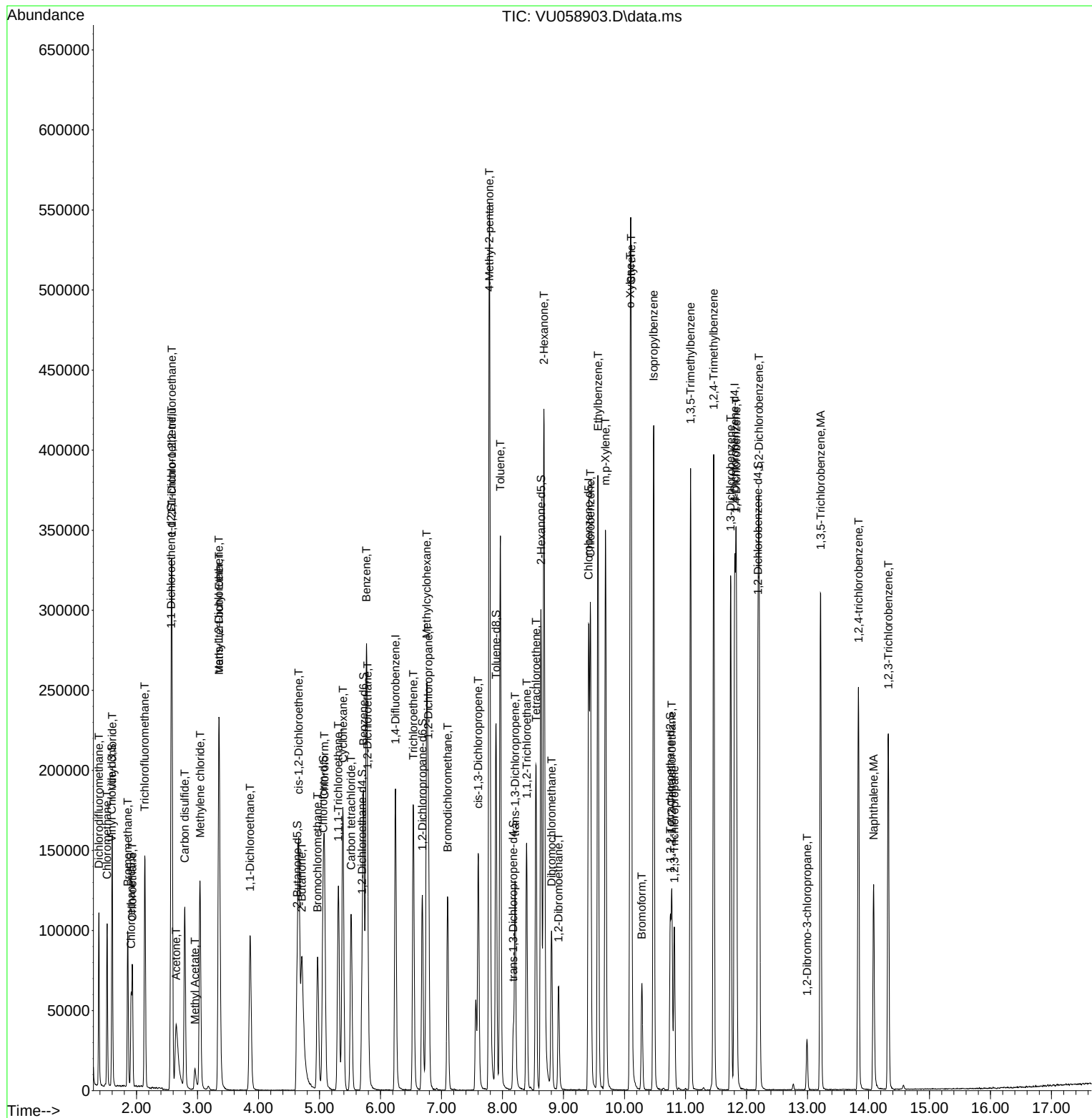
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	71961	5.371	ug/L	95
29) 1,1,1-Trichloroethane	5.309	97	91021	5.300	ug/L	100
30) Cyclohexane	5.383	56	86597	5.333	ug/L	96
31) Carbon tetrachloride	5.518	117	75798	5.291	ug/L	99
33) Benzene	5.769	78	246730	5.466	ug/L	100
34) Trichloroethene	6.537	95	63998	5.359	ug/L	97
35) Methylcyclohexane	6.759	83	89395	5.247	ug/L	98
37) 1,2-Dichloropropane	6.785	63	69178	5.398	ug/L	99
38) Bromodichloromethane	7.100	83	82056	5.342	ug/L	95
39) cis-1,3-Dichloropropene	7.602	75	90549	5.185	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	372932	56.305	ug/L	99
42) Toluene	7.965	91	257903	5.477	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	76208	5.348	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	48871	5.421	ug/L	98
47) Tetrachloroethene	8.550	164	44748	5.260	ug/L	96
48) 2-Hexanone	8.679	43	279964	58.655	ug/L	98
49) Dibromochloromethane	8.804	129	51168	5.383	ug/L	100
50) 1,2-Dibromoethane	8.920	107	42870	5.382	ug/L	99
51) Chlorobenzene	9.441	112	159101	5.302	ug/L	98
52) Ethylbenzene	9.566	91	272048	5.351	ug/L	99
53) m,p-Xylene	9.688	106	99463	5.346	ug/L	97
54) o-Xylene	10.094	106	97736	5.371	ug/L	98
55) Styrene	10.110	104	171244	5.594	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	61537	5.384	ug/L	98
59) Bromoform	10.283	173	29212	5.034	ug/L	98
60) Isopropylbenzene	10.479	105	266309	5.238	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	42555	5.204	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	210484	5.194	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	212507	5.289	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	129229	5.224	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	127842	5.178	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	121141	5.240	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.994	75	8702	5.290	ug/L	99
69) 1,3,5-Trichlorobenzene	13.216	180	95759	5.163	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	76111	4.972	ug/L	98
71) Naphthalene	14.084	128	108518	4.704	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	68948	5.133	ug/L	98

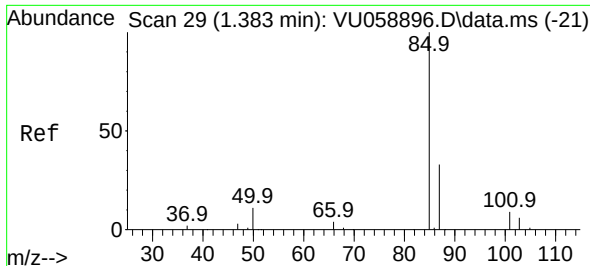
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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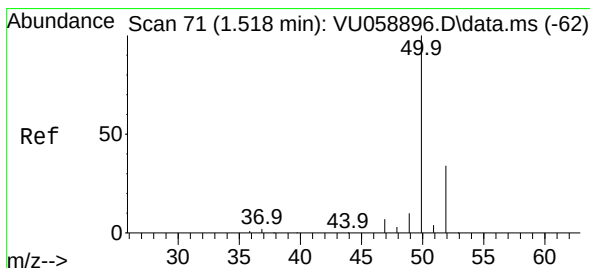
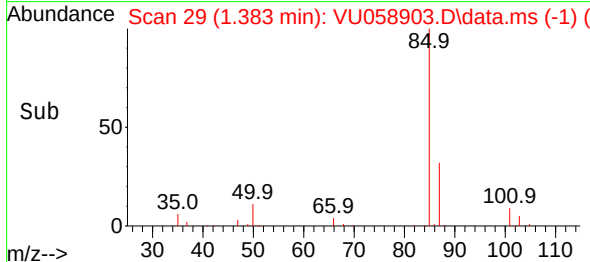
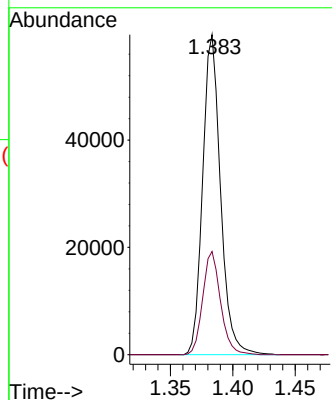
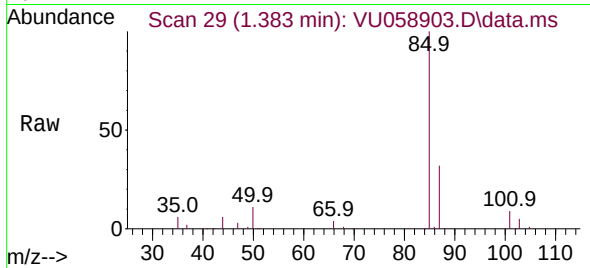




#2
Dichlorodifluoromethane
Concen: 5.302 ug/L
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU058903.D
Acq: 15 May 2024 15:05

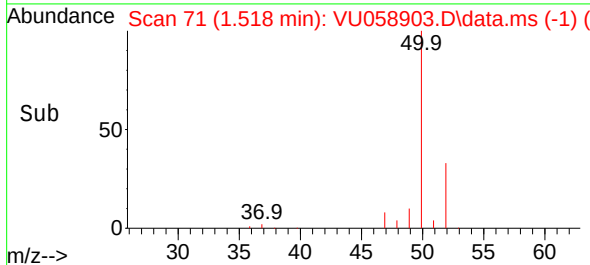
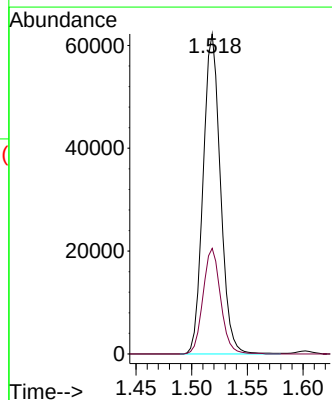
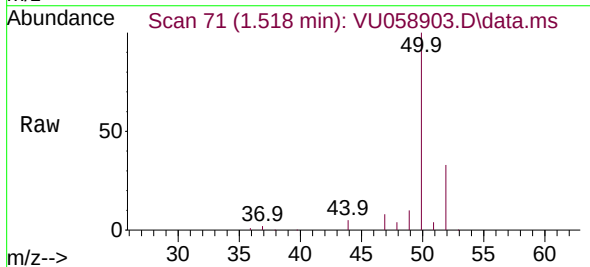
Instrument :
MSVOA_U
ClientSampleId :

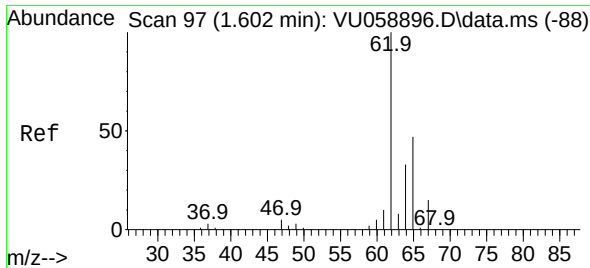
Tgt Ion: 85 Resp: 59370
Ion Ratio Lower Upper
85 100
87 32.2 26.6 40.0



#3
Chloromethane
Concen: 5.149 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU058903.D
Acq: 15 May 2024 15:05

Tgt Ion: 50 Resp: 67135
Ion Ratio Lower Upper
50 100
52 33.0 23.2 43.0

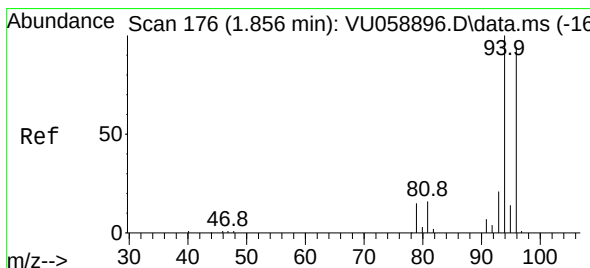
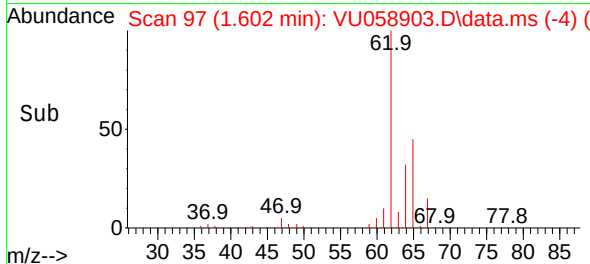
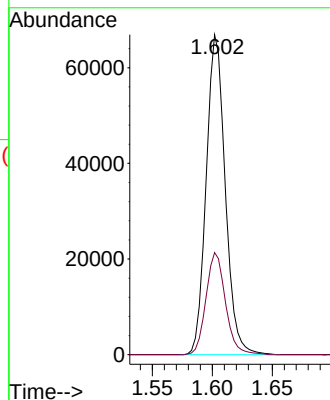
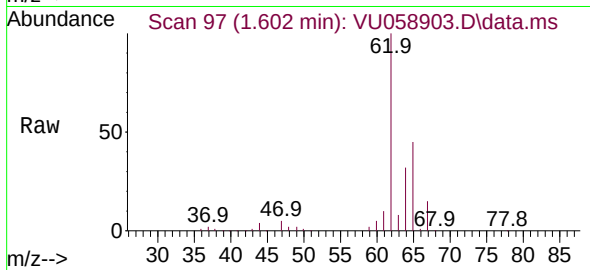




#5
 Vinyl chloride
 Concen: 5.298 ug/L
 RT: 1.602 min Scan# 97
 Delta R.T. -0.000 min
 Lab File: VU058903.D
 Acq: 15 May 2024 15:05

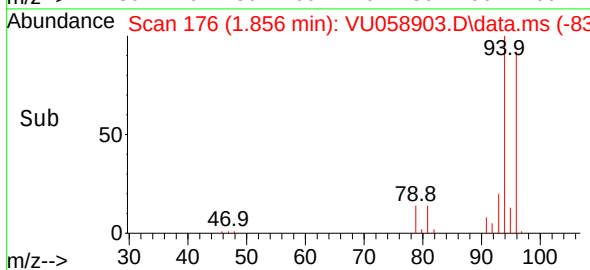
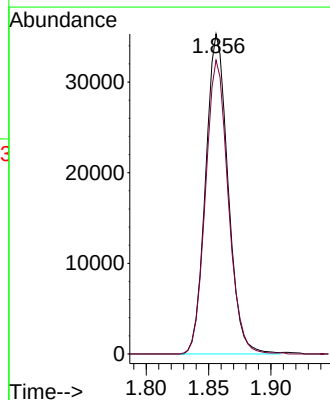
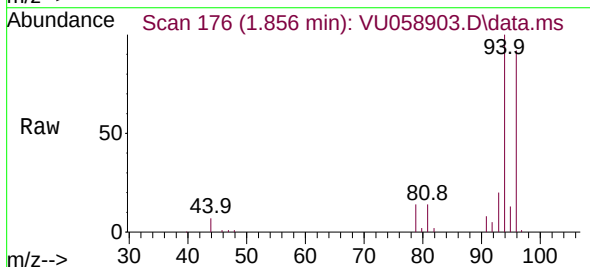
Instrument :
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 ClientSampleId :

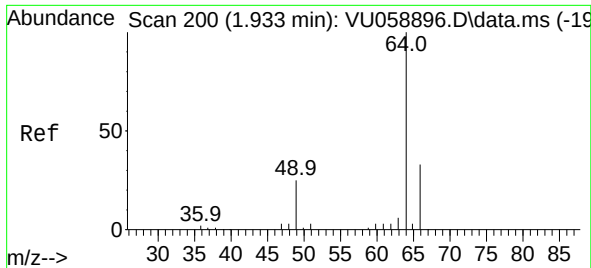
Tgt Ion: 62 Resp: 74010
 Ion Ratio Lower Upper
 62 100
 64 31.9 23.1 42.9



#6
 Bromomethane
 Concen: 5.088 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. -0.000 min
 Lab File: VU058903.D
 Acq: 15 May 2024 15:05

Tgt Ion: 94 Resp: 44279
 Ion Ratio Lower Upper
 94 100
 96 91.8 62.9 116.9

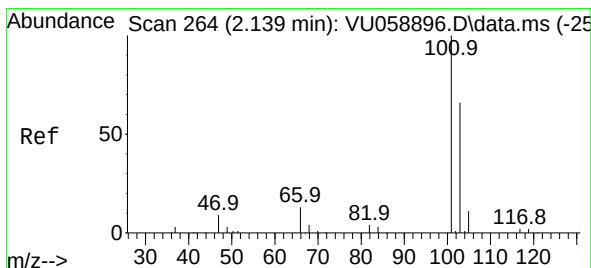
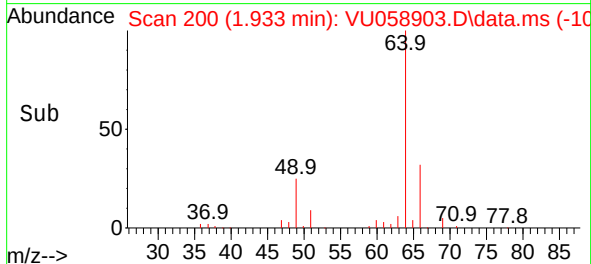
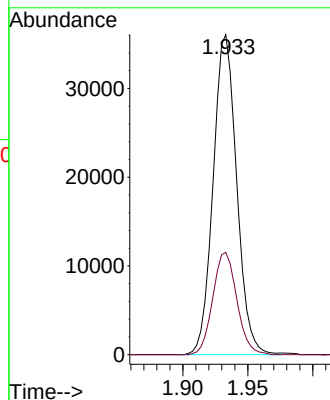
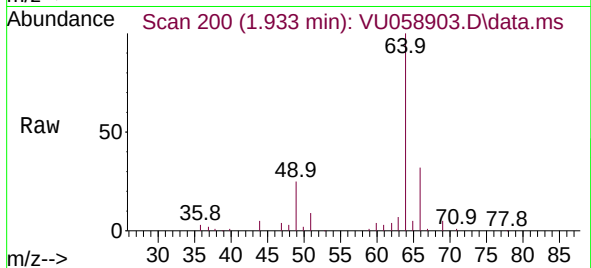




#8
Chloroethane
Concen: 5.117 ug/L
RT: 1.933 min Scan# 200
Delta R.T. -0.000 min
Lab File: VU058903.D
Acq: 15 May 2024 15:05

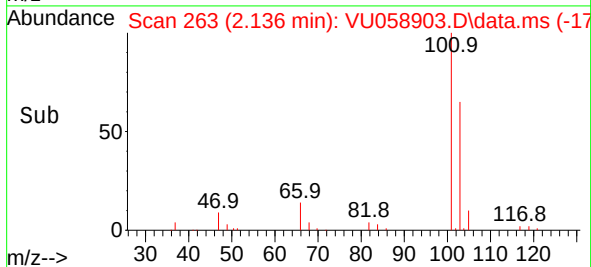
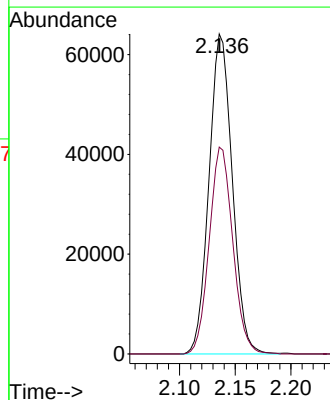
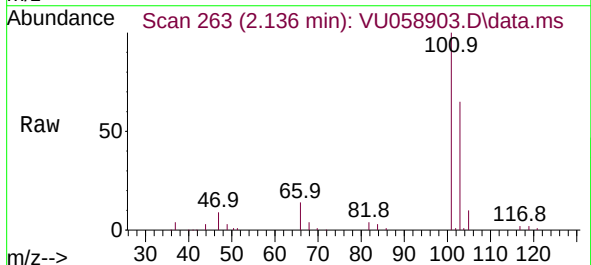
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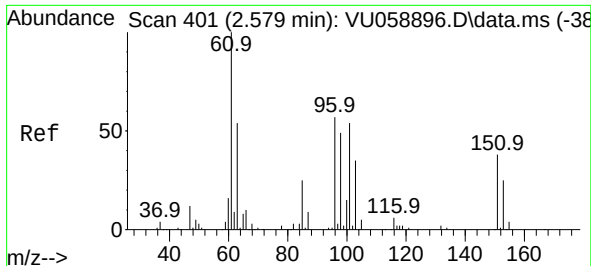
Tgt Ion: 64 Resp: 45425
Ion Ratio Lower Upper
64 100
66 31.9 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.204 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.003 min
Lab File: VU058903.D
Acq: 15 May 2024 15:05

Tgt Ion:101 Resp: 93243
Ion Ratio Lower Upper
101 100
103 65.4 52.6 79.0

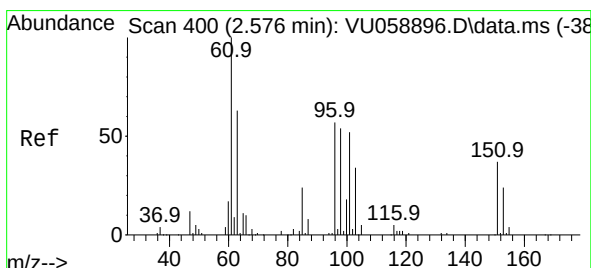
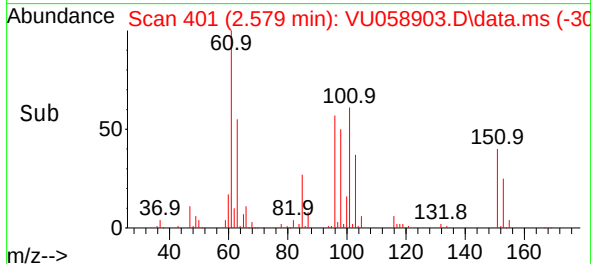
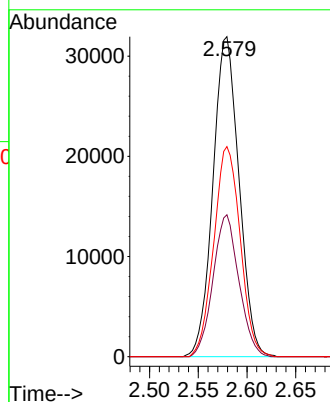
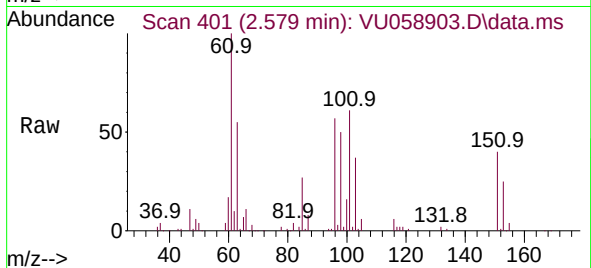




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.473 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. -0.000 min
 Lab File: VU058903.D
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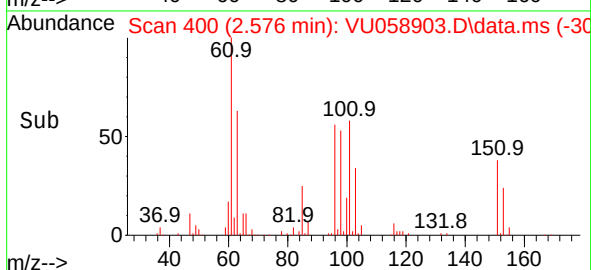
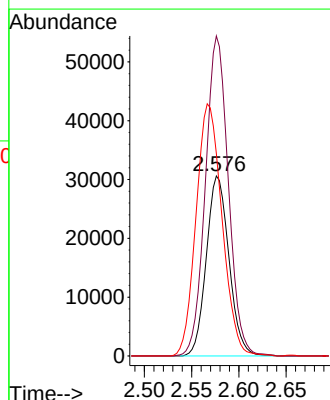
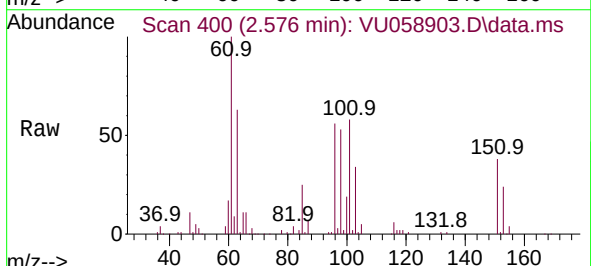
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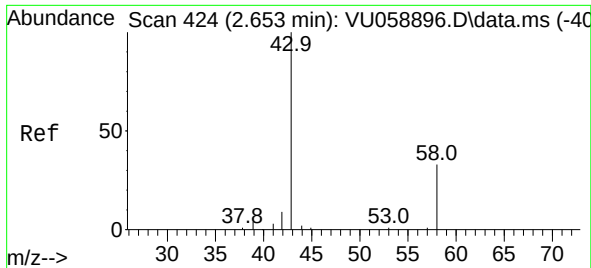
Tgt Ion:101 Resp: 59424
 Ion Ratio Lower Upper
 101 100
 85 43.9 36.2 54.4
 151 66.7 55.5 83.3



#12
 1,1-Dichloroethene
 Concen: 5.343 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU058903.D
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Tgt Ion: 96 Resp: 50944
 Ion Ratio Lower Upper
 96 100
 61 177.8 122.9 228.3
 63 112.4 80.4 149.4





#13

Acetone

Concen: 62.039 ug/L

RT: 2.650 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU058903.D

Acq: 15 May 2024 15:05

Instrument :

MSVOA_U

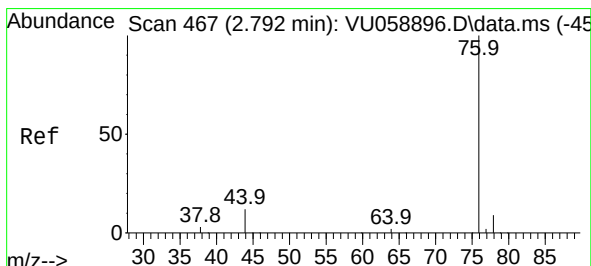
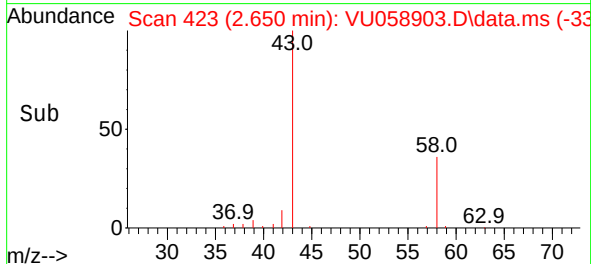
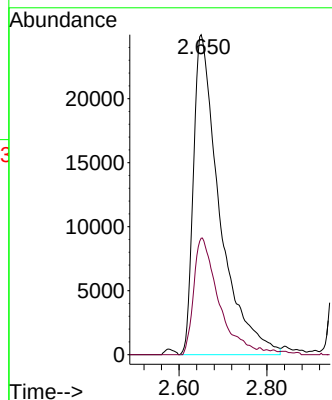
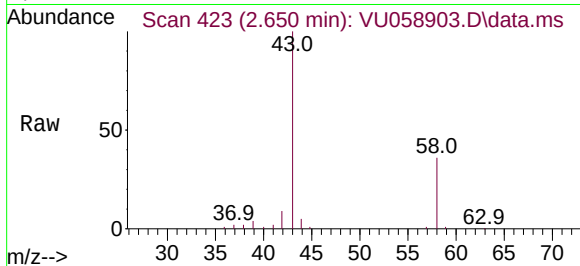
ClientSampleId :

Tgt Ion: 43 Resp: 103359

Ion Ratio Lower Upper

43 100

58 34.5 0.0 68.0



#14

Carbon disulfide

Concen: 4.967 ug/L

RT: 2.792 min Scan# 467

Delta R.T. -0.000 min

Lab File: VU058903.D

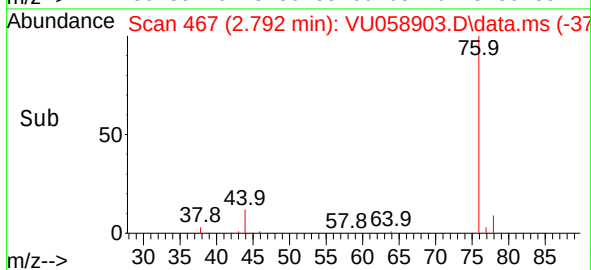
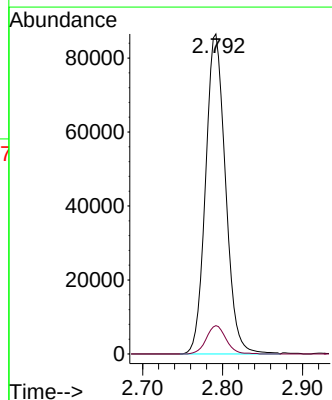
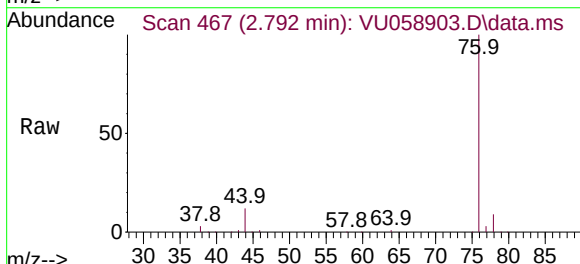
Acq: 15 May 2024 15:05

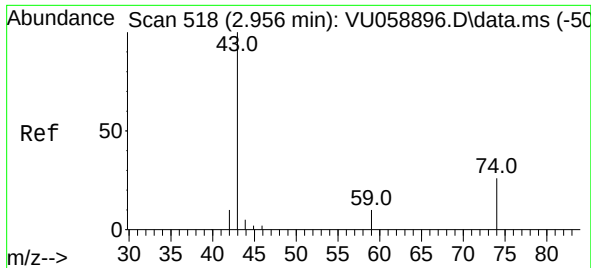
Tgt Ion: 76 Resp: 150063

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9





#15

Methyl Acetate

Concen: 5.288 ug/L

RT: 2.959 min Scan# 51

Delta R.T. 0.003 min

Lab File: VU058903.D

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Instrument :

MSVOA_U

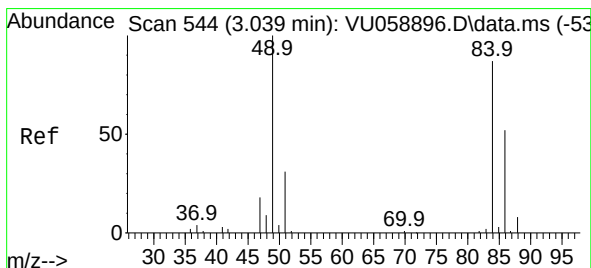
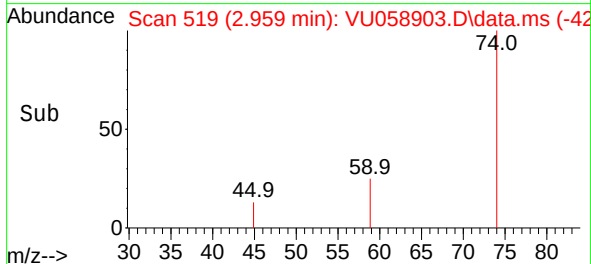
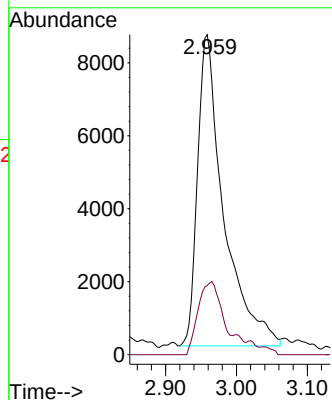
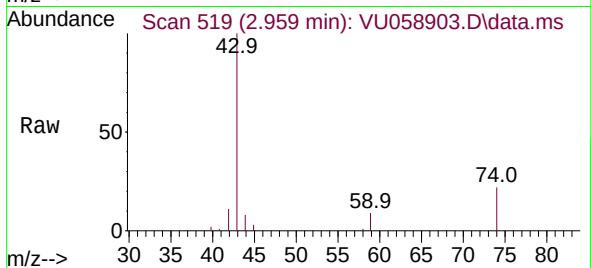
ClientSampleId :

Tgt Ion: 43 Resp: 21896

Ion Ratio Lower Upper

43 100

74 21.4 19.2 28.8



#16

Methylene chloride

Concen: 4.910 ug/L

RT: 3.042 min Scan# 545

Delta R.T. 0.003 min

Lab File: VU058903.D

Acq: 15 May 2024 15:05

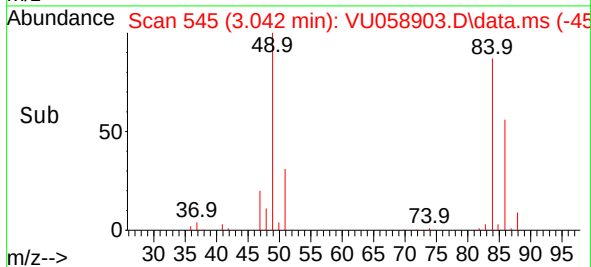
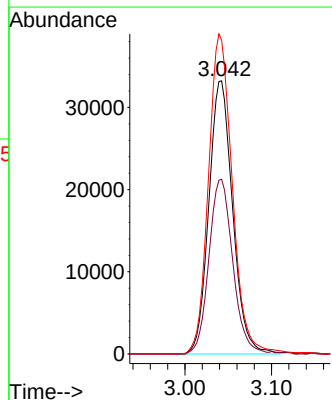
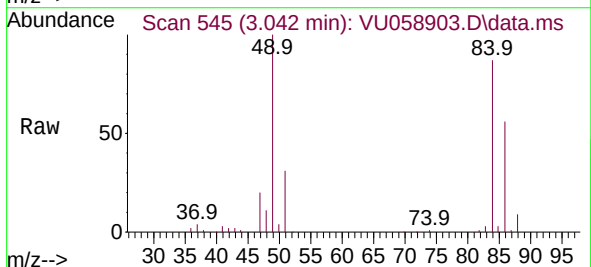
Tgt Ion: 84 Resp: 63521

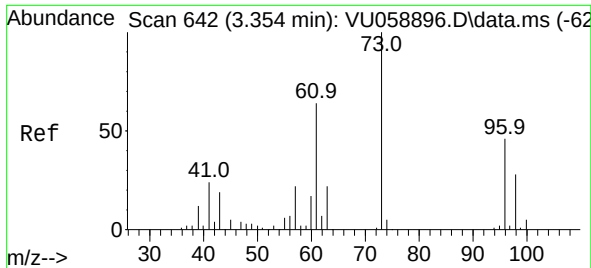
Ion Ratio Lower Upper

84 100

86 64.0 42.1 78.1

49 114.8 80.6 149.8

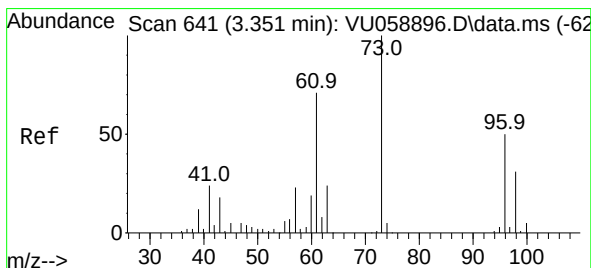
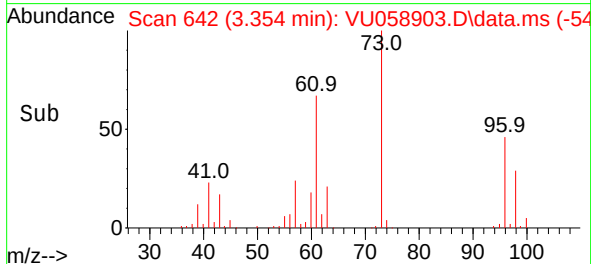
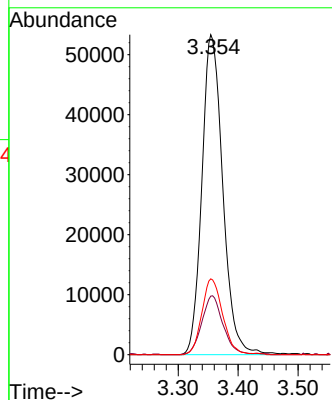
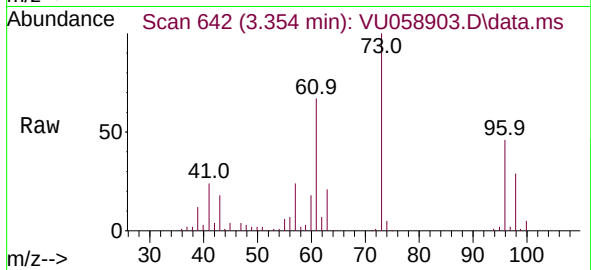




#17
Methyl tert-butyl Ether
Concen: 5.223 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU058903.D
Acq: 15 May 2024 15:05

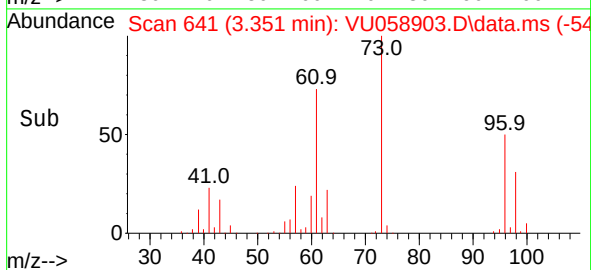
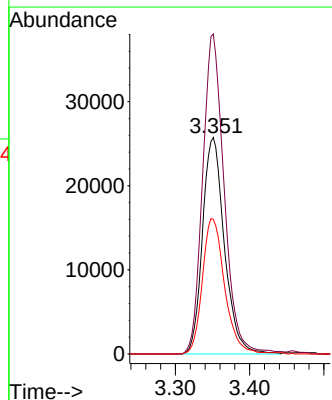
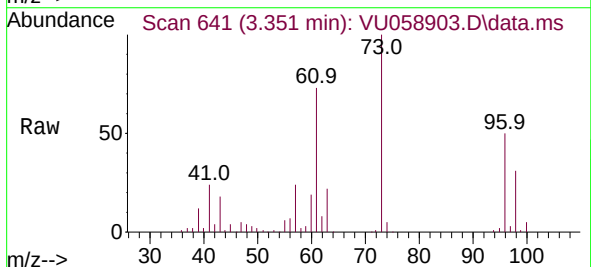
Instrument :
MSVOA_U
ClientSampleId :

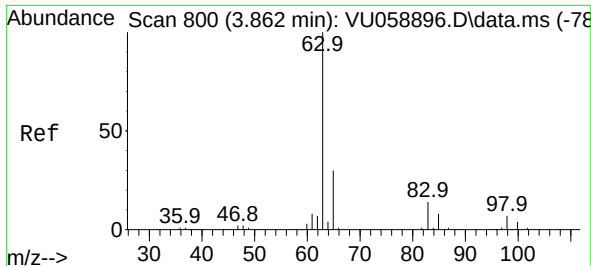
Tgt Ion: 73 Resp: 129457
Ion Ratio Lower Upper
73 100
43 18.7 14.9 22.3
57 23.5 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 5.257 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU058903.D
Acq: 15 May 2024 15:05

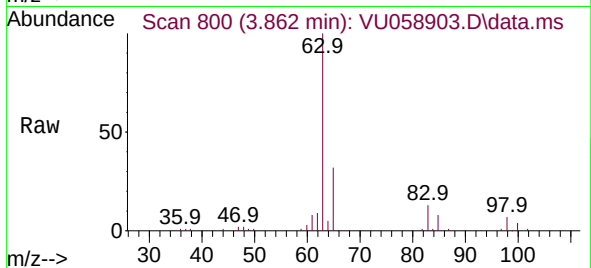
Tgt Ion: 96 Resp: 52784
Ion Ratio Lower Upper
96 100
61 147.9 101.8 189.0
98 62.2 43.3 80.5



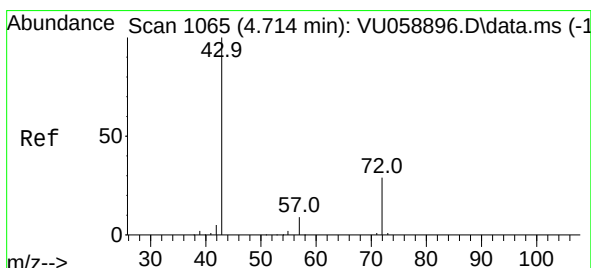
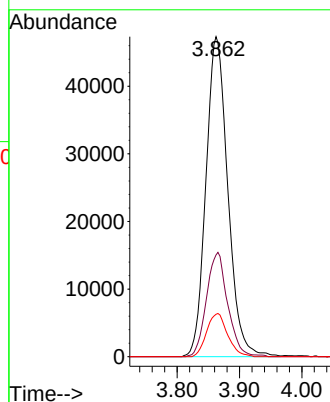
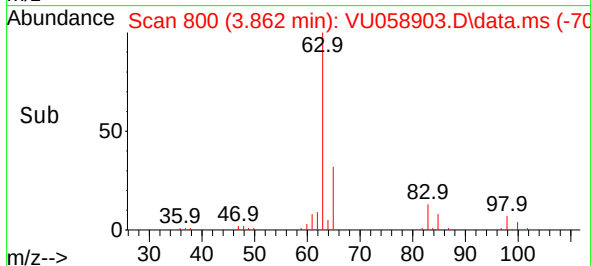


#19
1,1-Dichloroethane
Concen: 5.504 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU058903.D
Acq: 15 May 2024 15:05

Instrument :
MSVOA_U
ClientSampleId :

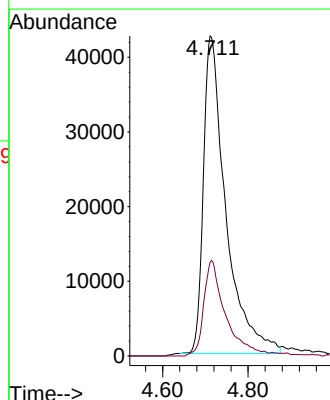
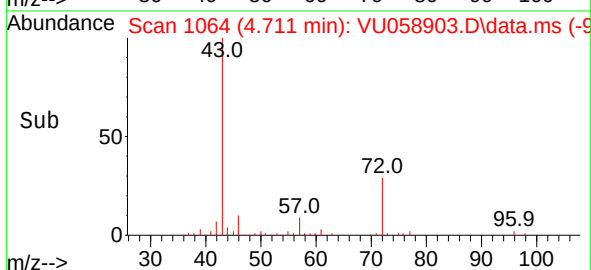
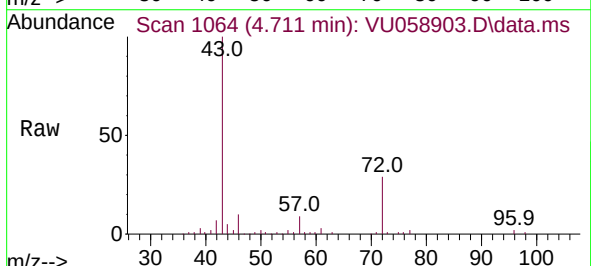


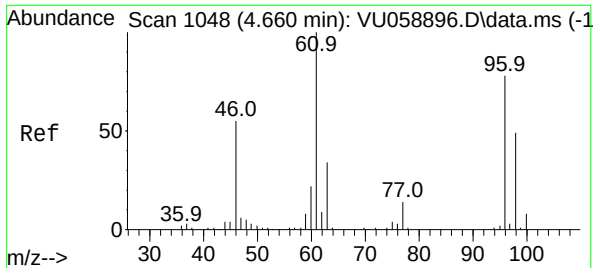
Tgt Ion: 63 Resp: 115515
Ion Ratio Lower Upper
63 100
65 32.2 21.8 40.6
83 13.2 9.9 18.5



#21
2-Butanone
Concen: 58.154 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. -0.003 min
Lab File: VU058903.D
Acq: 15 May 2024 15:05

Tgt Ion: 43 Resp: 155393
Ion Ratio Lower Upper
43 100
72 28.6 13.8 41.4

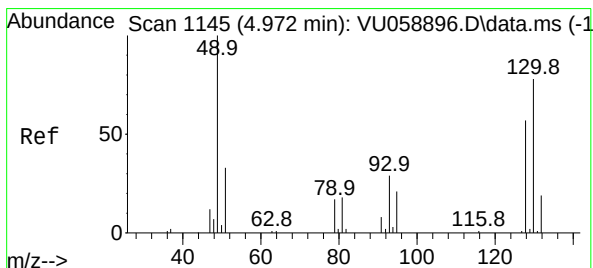
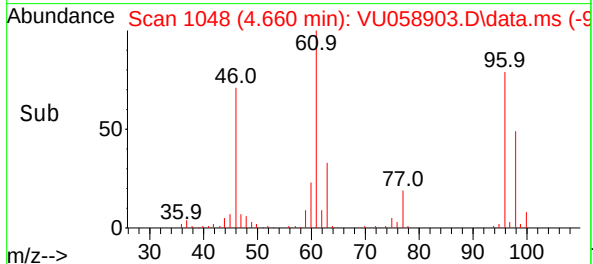
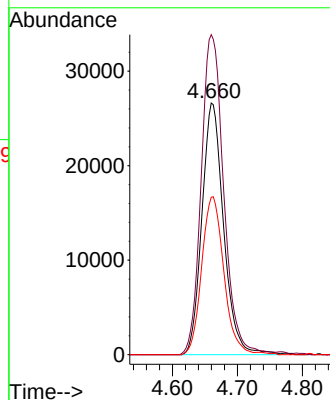
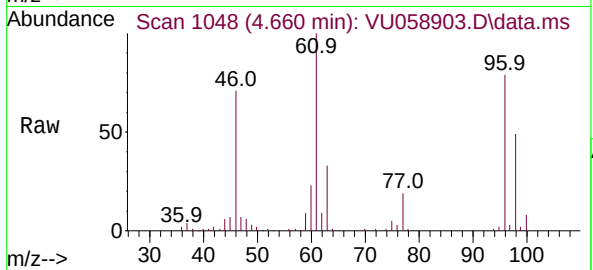




#22
 cis-1,2-Dichloroethene
 Concen: 5.365 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU058903.D
 Acq: 15 May 2024 15:05

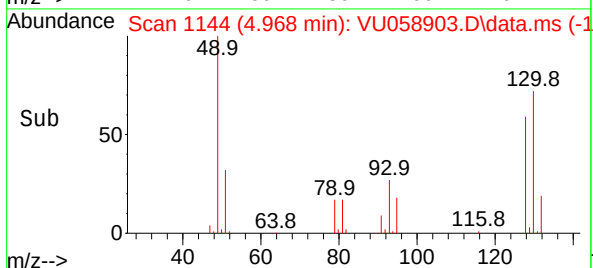
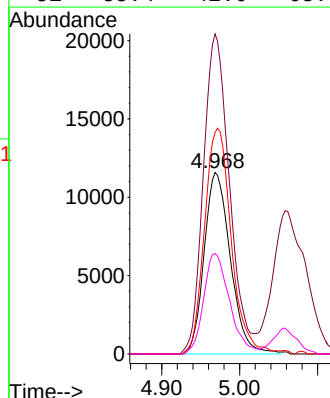
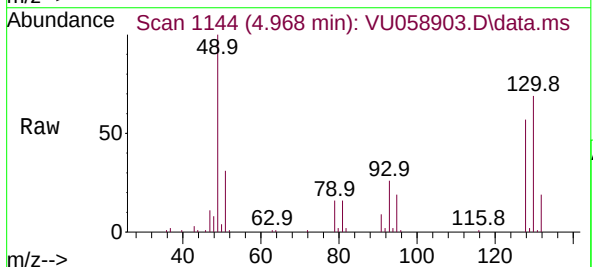
Instrument :
 MSVOA_U
 ClientSampleId :

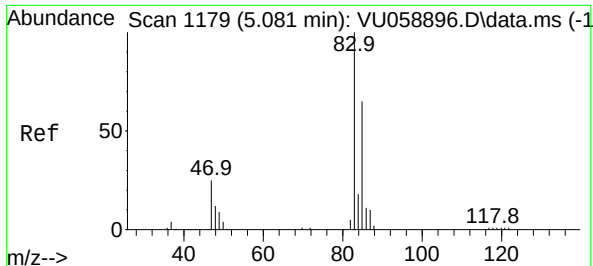
Tgt Ion: 96	Resp: 62013
Ion Ratio	Lower Upper
96 100	
61 127.1	87.4 162.2
98 62.6	42.3 78.5



#23
 Bromochloromethane
 Concen: 5.305 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.003 min
 Lab File: VU058903.D
 Acq: 15 May 2024 15:05

Tgt	Ion:128	Resp:	27084
Ion	Ratio	Lower	Upper
128	100		
49	176.3	117.0	217.4
130	122.1	89.6	166.4
51	55.4	42.0	63.0

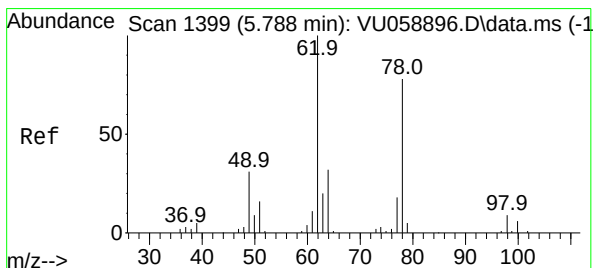
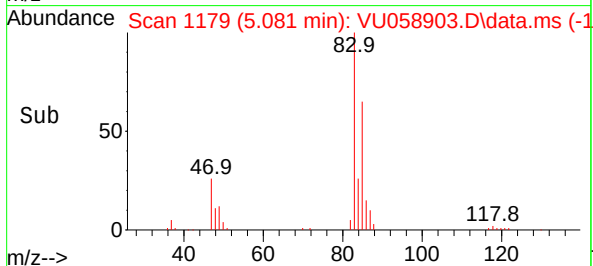
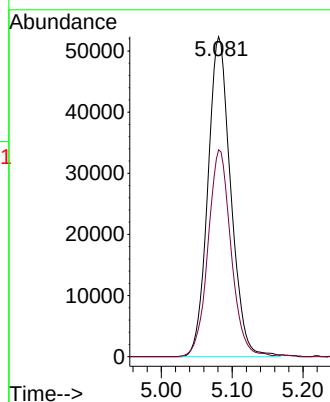
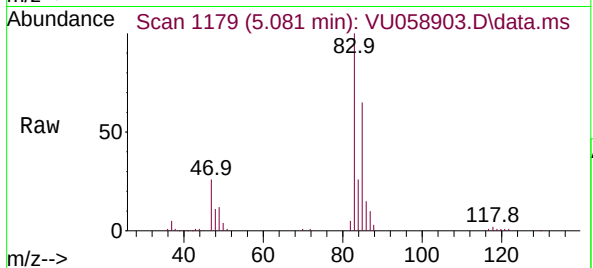




#25
Chloroform
Concen: 5.348 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VU058903.D
Acq: 15 May 2024 15:05

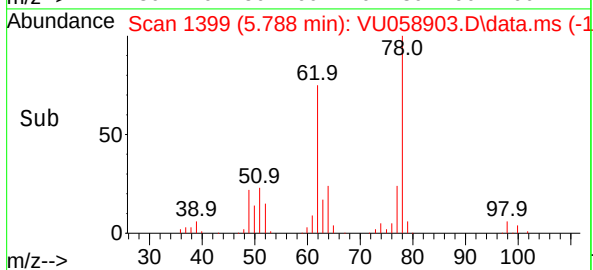
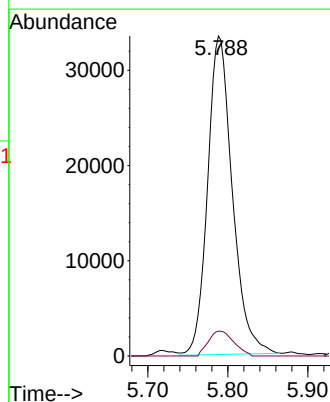
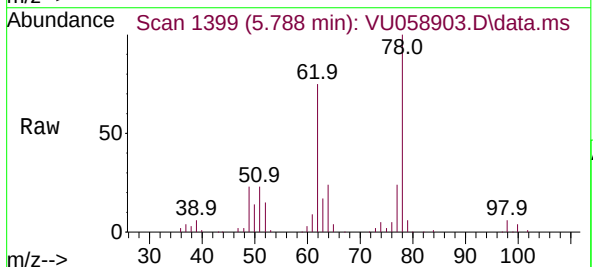
Instrument :
MSVOA_U
ClientSampleId :

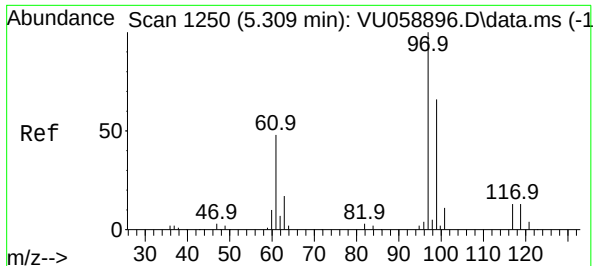
Tgt Ion: 83 Resp: 117284
Ion Ratio Lower Upper
83 100
85 64.6 44.7 83.1



#27
1,2-Dichloroethane
Concen: 5.371 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VU058903.D
Acq: 15 May 2024 15:05

Tgt Ion: 62 Resp: 71961
Ion Ratio Lower Upper
62 100
98 7.7 7.5 11.3

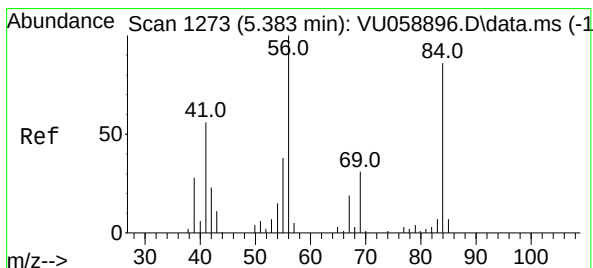
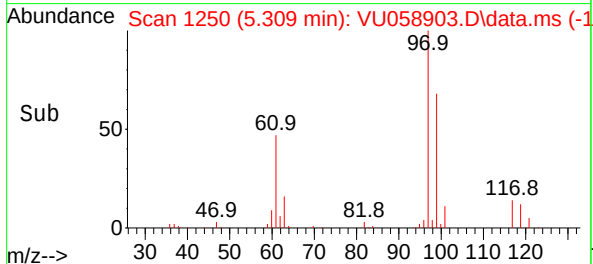
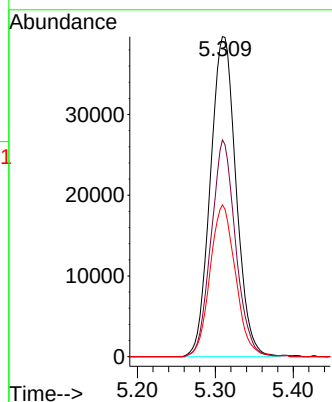
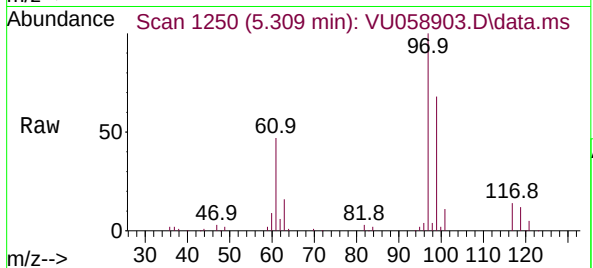




#29
1,1,1-Trichloroethane
Concen: 5.300 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.000 min
Lab File: VU058903.D
Acq: 15 May 2024 15:05

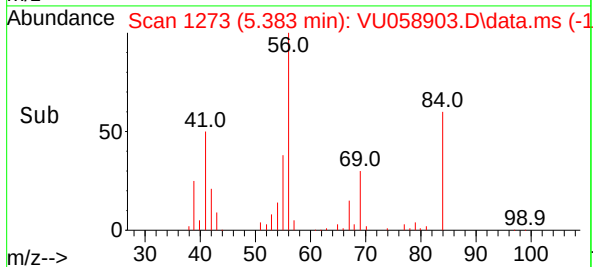
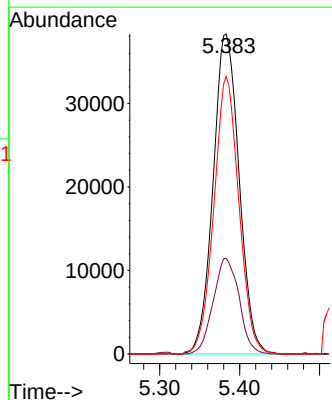
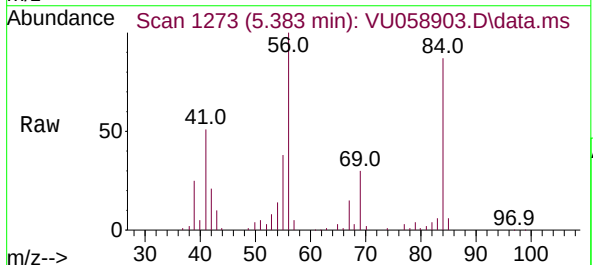
Instrument :
MSVOA_U
ClientSampleId :

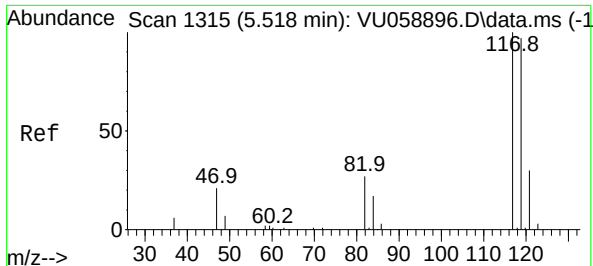
Tgt Ion: 97 Resp: 91021
Ion Ratio Lower Upper
97 100
99 64.6 51.8 77.6
61 47.0 37.4 56.2



#30
Cyclohexane
Concen: 5.333 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VU058903.D
Acq: 15 May 2024 15:05

Tgt Ion: 56 Resp: 86597
Ion Ratio Lower Upper
56 100
69 29.6 24.8 37.2
84 83.4 69.8 104.8

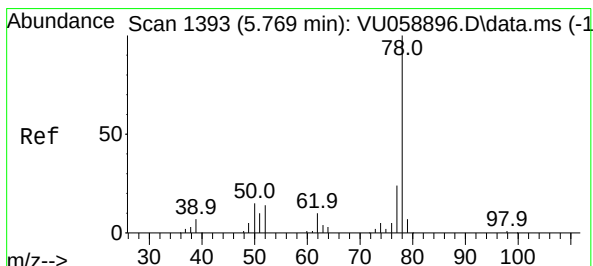
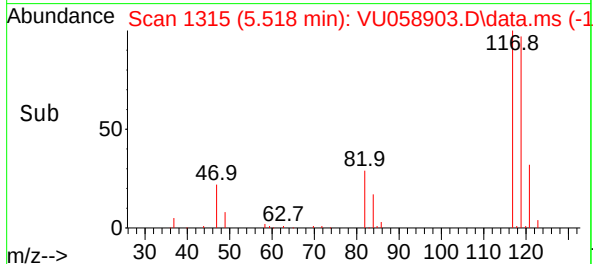
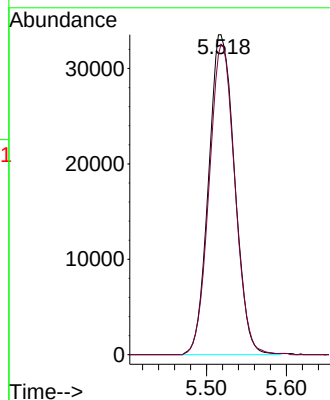
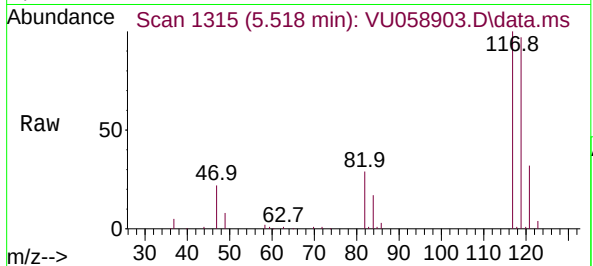




#31
Carbon tetrachloride
Concen: 5.291 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU058903.D
Acq: 15 May 2024 15:05

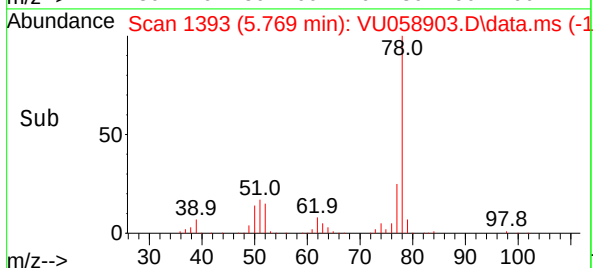
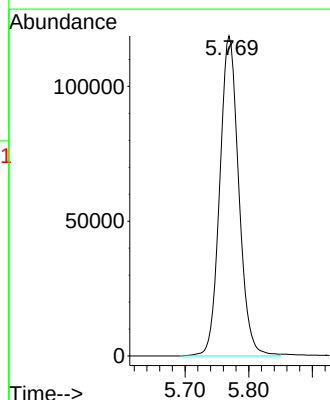
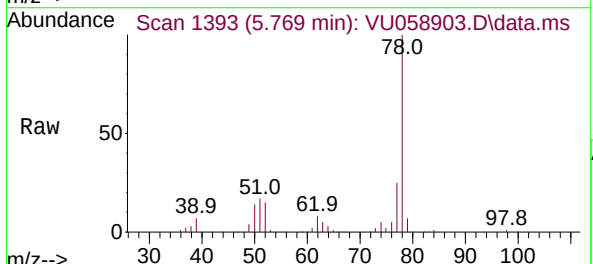
Instrument :
MSVOA_U
ClientSampleId :

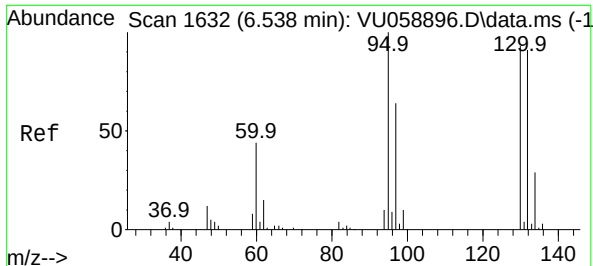
Tgt Ion:117 Resp: 75798
Ion Ratio Lower Upper
117 100
119 95.9 77.5 116.3



#33
Benzene
Concen: 5.466 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU058903.D
Acq: 15 May 2024 15:05

Tgt Ion: 78 Resp: 246730

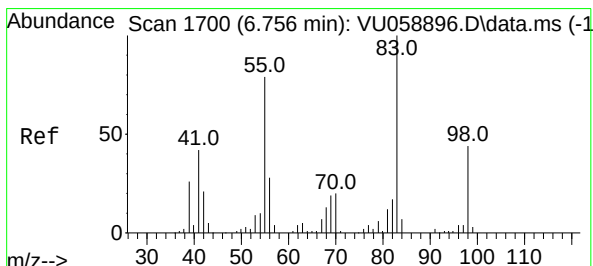
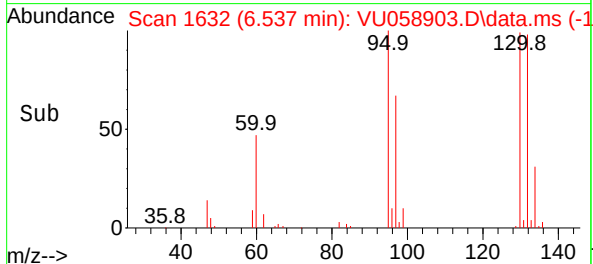
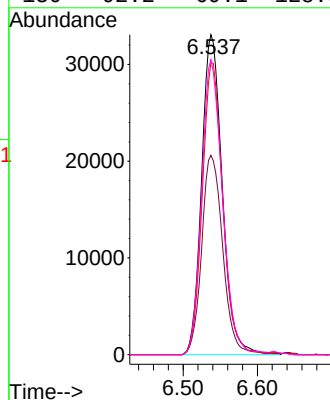
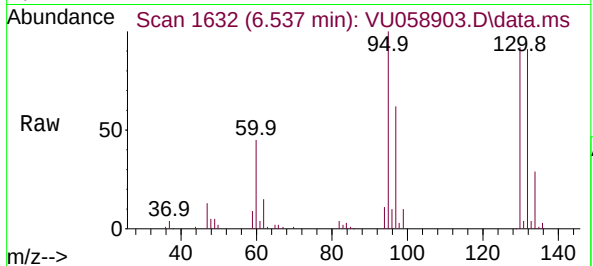




#34
Trichloroethene
Concen: 5.359 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU058903.D
Acq: 15 May 2024 15:05

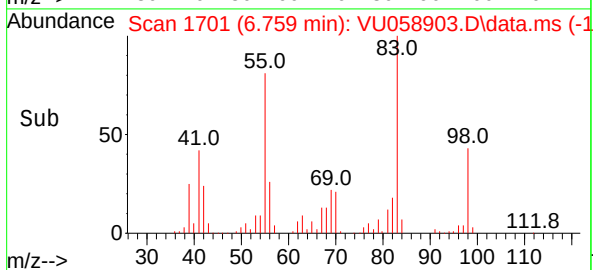
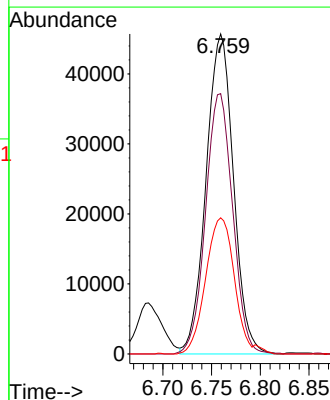
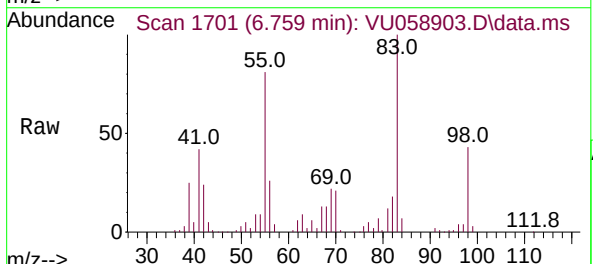
Instrument :
MSVOA_U
ClientSampleId :

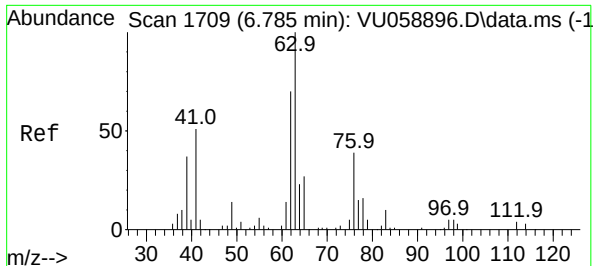
Tgt Ion: 95 Resp: 63998
Ion Ratio Lower Upper
95 100
97 62.3 45.3 84.1
132 91.4 64.0 119.0
130 92.2 69.1 128.3



#35
Methylcyclohexane
Concen: 5.247 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VU058903.D
Acq: 15 May 2024 15:05

Tgt Ion: 83 Resp: 89395
Ion Ratio Lower Upper
83 100
55 80.5 62.7 94.1
98 45.1 35.4 53.0

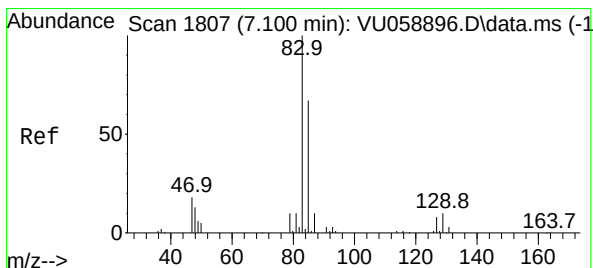
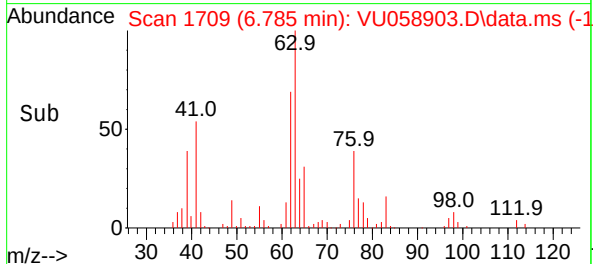
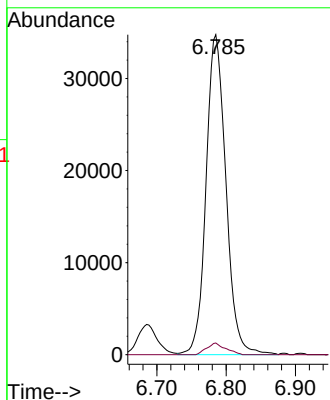
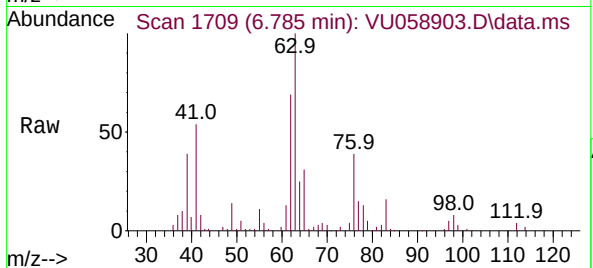




#37
1,2-Dichloropropane
Concen: 5.398 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. -0.000 min
Lab File: VU058903.D
Acq: 15 May 2024 15:05

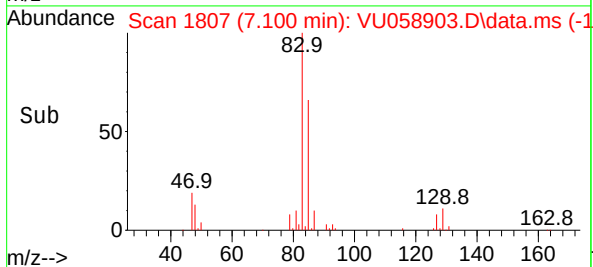
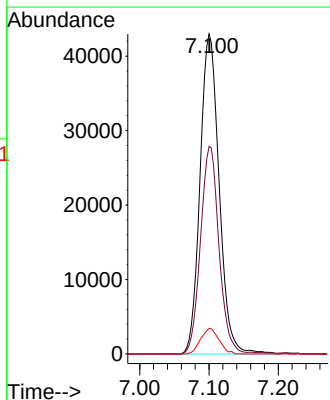
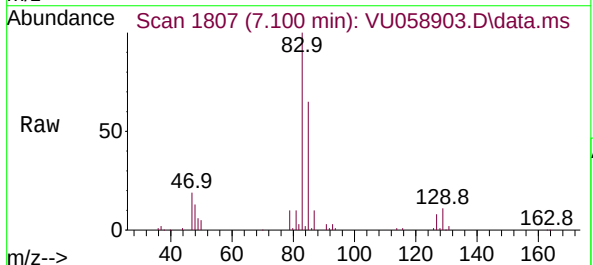
Instrument :
MSVOA_U
ClientSampleId :

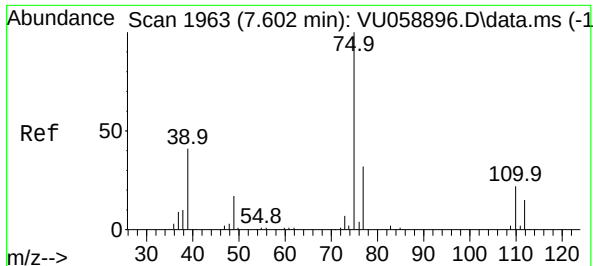
Tgt Ion: 63 Resp: 69178
Ion Ratio Lower Upper
63 100
112 3.5 2.6 3.8



#38
Bromodichloromethane
Concen: 5.342 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU058903.D
Acq: 15 May 2024 15:05

Tgt Ion: 83 Resp: 82056
Ion Ratio Lower Upper
83 100
85 64.9 42.7 79.3
127 8.0 6.1 9.1

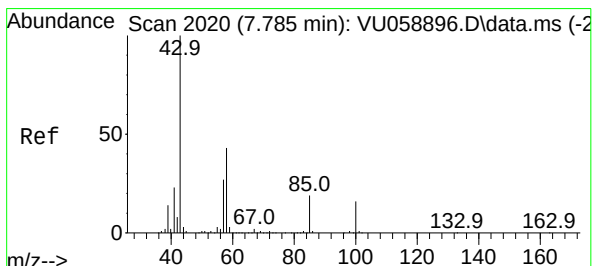
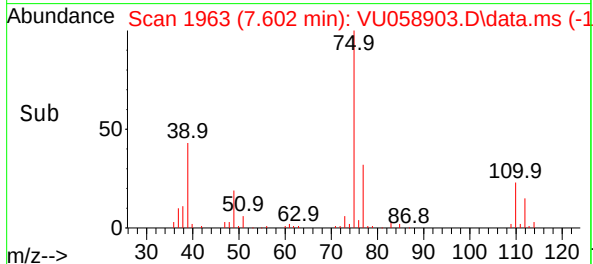
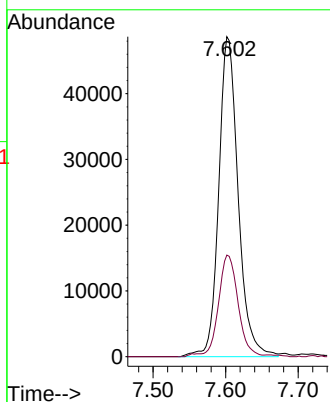
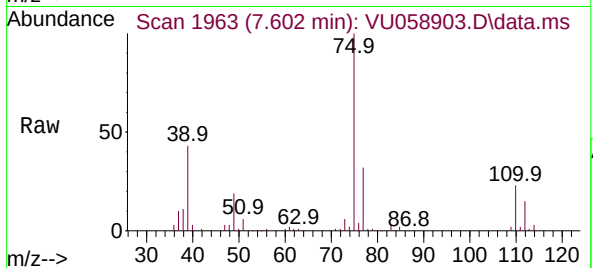




#39
 cis-1,3-Dichloropropene
 Concen: 5.185 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU058903.D
 Acq: 15 May 2024 15:05

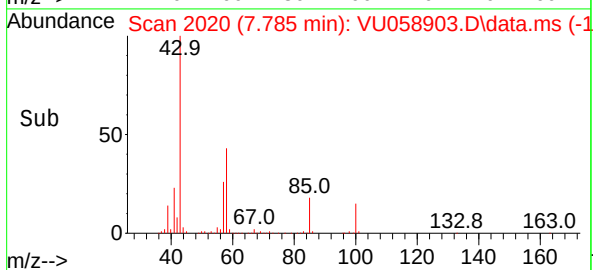
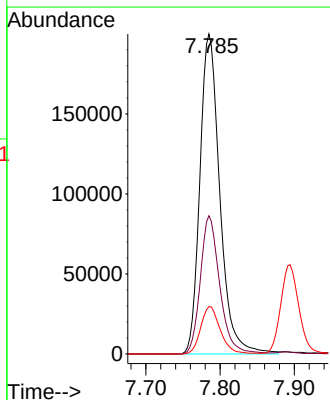
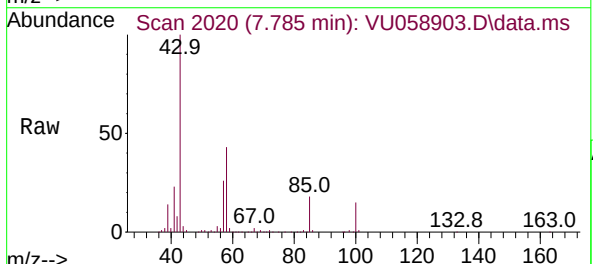
Instrument :
 MSVOA_U
 ClientSampleId :

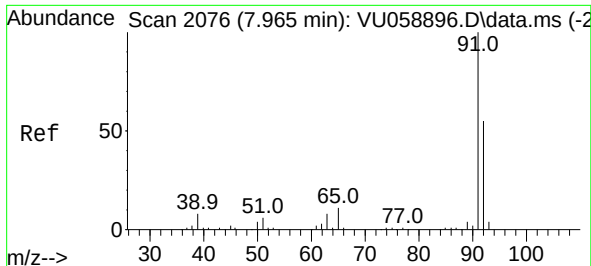
Tgt Ion: 75 Resp: 90549
 Ion Ratio Lower Upper
 75 100
 77 31.8 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 56.305 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.000 min
 Lab File: VU058903.D
 Acq: 15 May 2024 15:05

Tgt Ion: 43 Resp: 372932
 Ion Ratio Lower Upper
 43 100
 58 41.9 34.0 51.0
 100 14.6 12.1 18.1





#42

Toluene

Concen: 5.477 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU058903.D

Acq: 15 May 2024 15:05

Instrument :

MSVOA_U

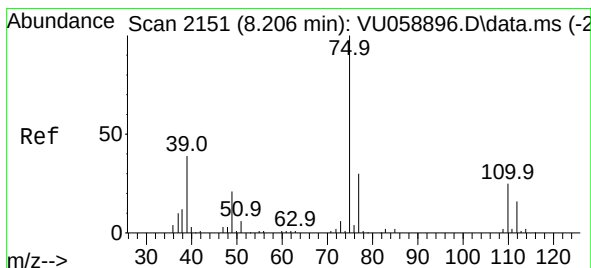
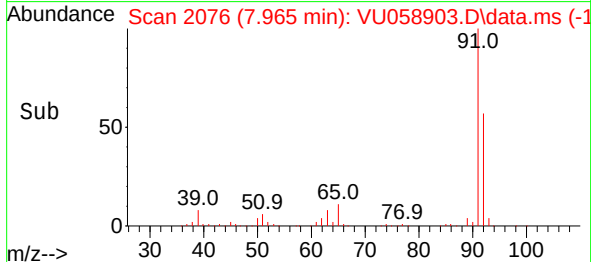
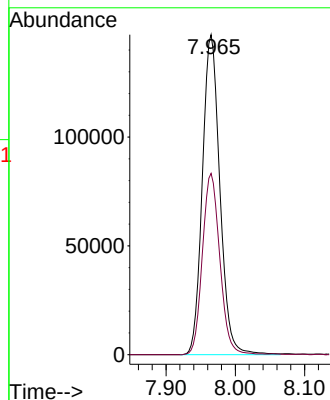
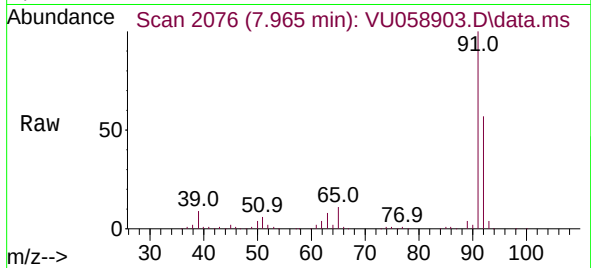
ClientSampleId :

Tgt Ion: 91 Resp: 257903

Ion Ratio Lower Upper

91 100

92 56.7 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.348 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU058903.D

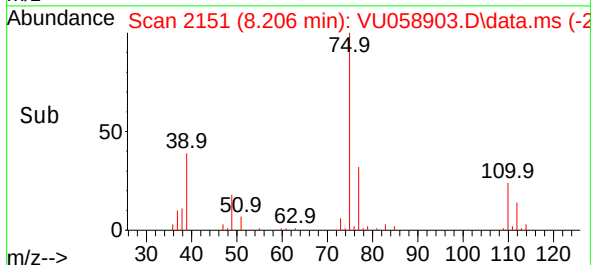
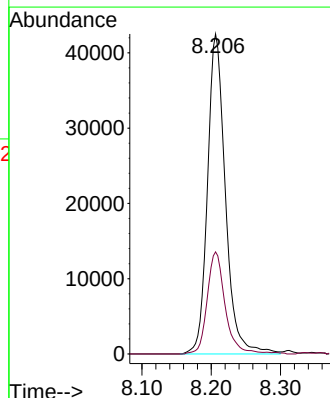
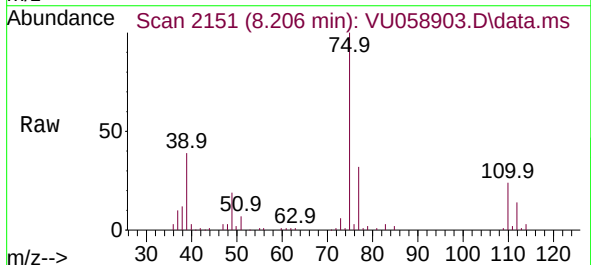
Acq: 15 May 2024 15:05

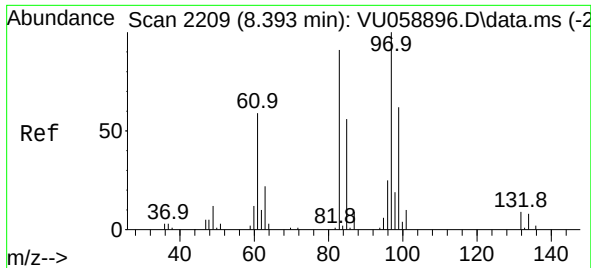
Tgt Ion: 75 Resp: 76208

Ion Ratio Lower Upper

75 100

77 31.9 22.0 41.0

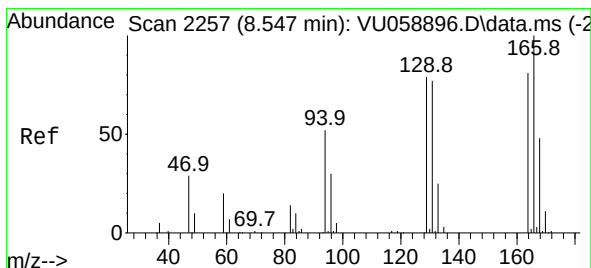
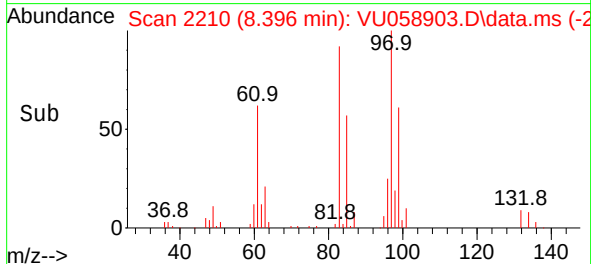
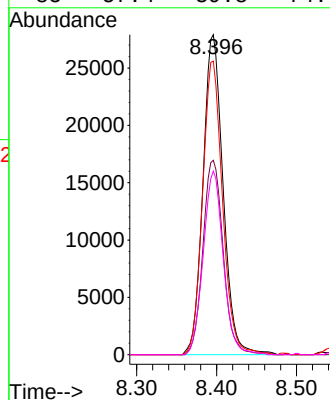
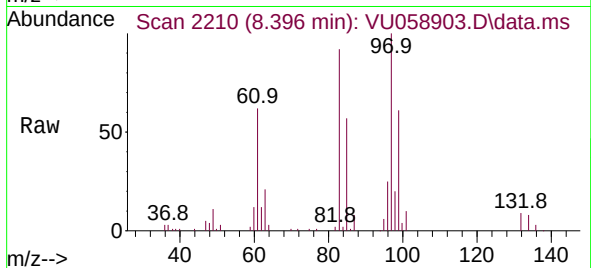




#45
1,1,2-Trichloroethane
Concen: 5.421 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VU058903.D
Acq: 15 May 2024 15:05

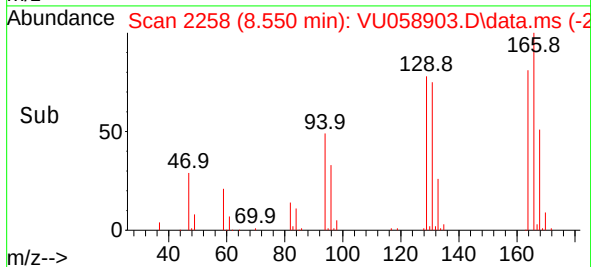
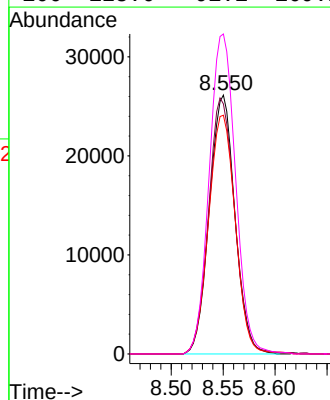
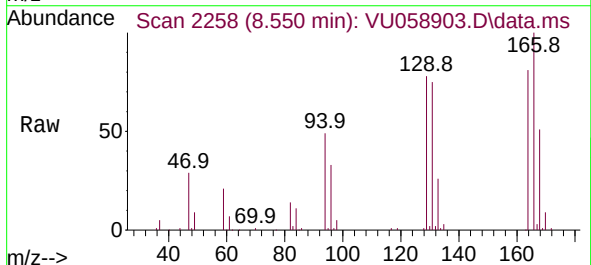
Instrument :
MSVOA_U
ClientSampleId :

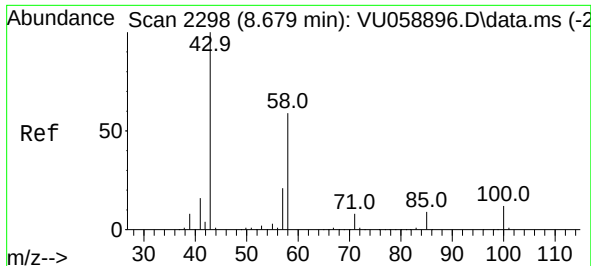
Tgt Ion:	97	Resp:	48871
Ion	Ratio	Lower	Upper
97	100		
99	60.8	43.3	80.3
83	91.8	62.3	115.7
85	57.4	39.8	74.0



#47
Tetrachloroethene
Concen: 5.260 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU058903.D
Acq: 15 May 2024 15:05

Tgt Ion:	164	Resp:	44748
Ion	Ratio	Lower	Upper
164	100		
129	96.6	70.8	131.4
131	92.3	64.8	120.3
166	123.6	91.1	169.1





#48

2-Hexanone

Concen: 58.655 ug/L

RT: 8.679 min Scan# 21

Delta R.T. -0.000 min MSVOA_U

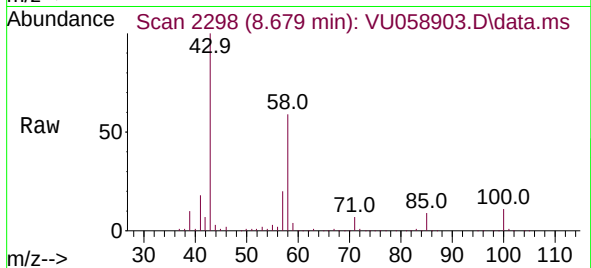
Lab File: VU058903.D

Acq: 15 May 2024 15:05

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 279964

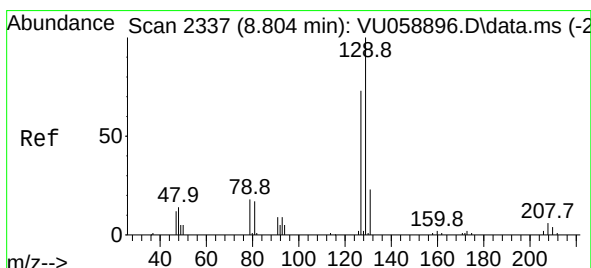
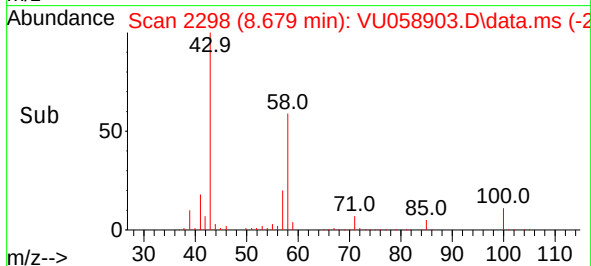
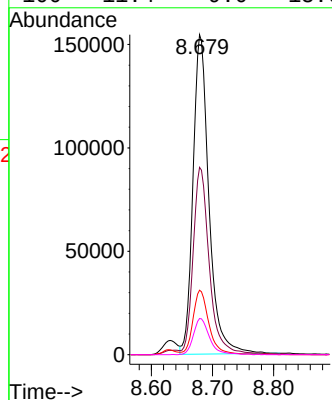
Ion Ratio Lower Upper

43 100

58 59.7 46.1 69.1

57 20.5 15.5 23.3

100 11.4 9.0 13.6



#49

Dibromochloromethane

Concen: 5.383 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VU058903.D

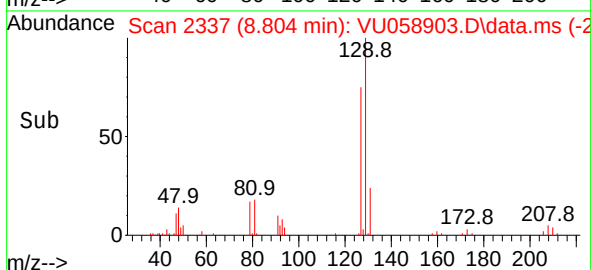
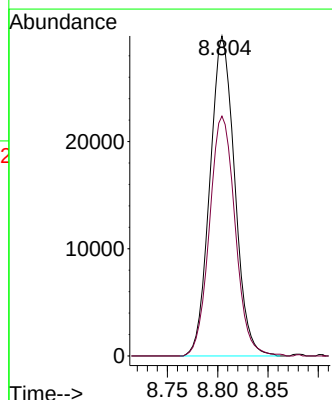
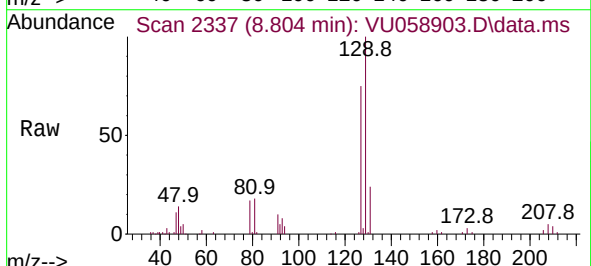
Acq: 15 May 2024 15:05

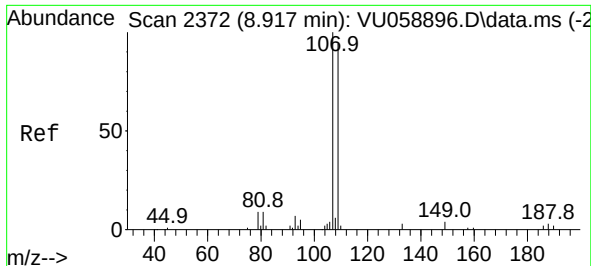
Tgt Ion:129 Resp: 51168

Ion Ratio Lower Upper

129 100

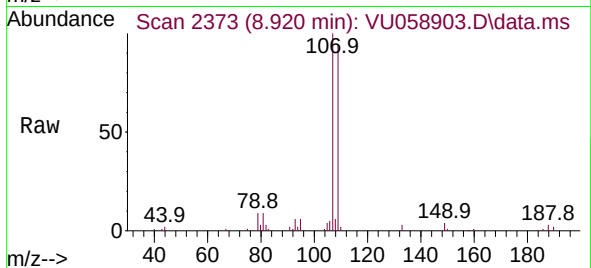
127 75.0 52.5 97.5



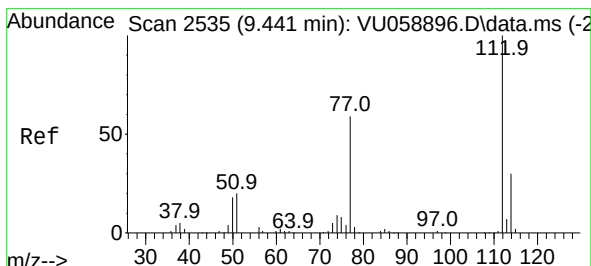
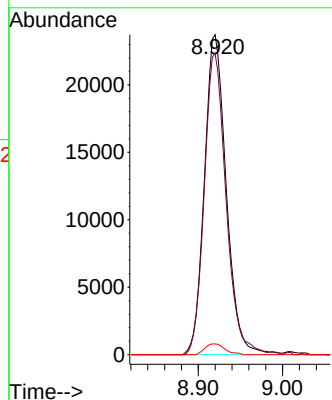
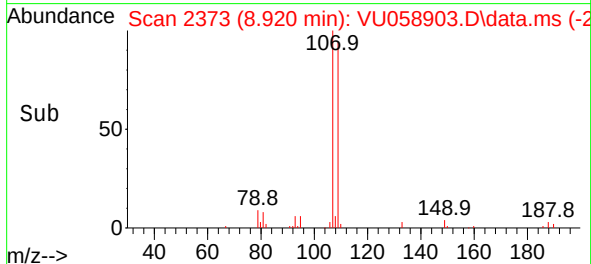


#50
1,2-Dibromoethane
Concen: 5.382 ug/L
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU058903.D
Acq: 15 May 2024 15:05

Instrument :
MSVOA_U
ClientSampleId :

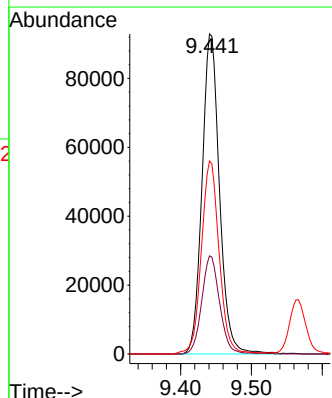
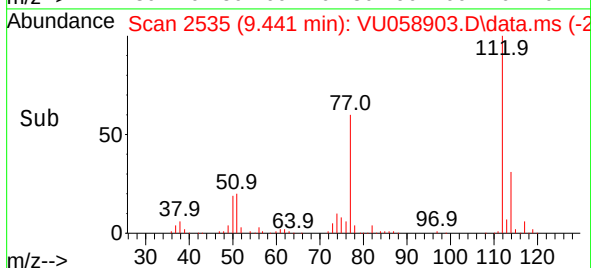
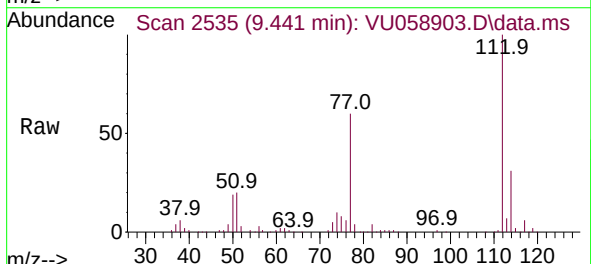


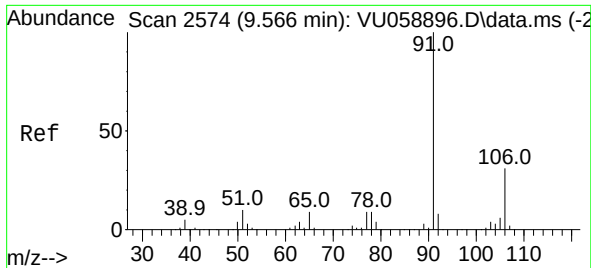
Tgt Ion:107 Resp: 42870
Ion Ratio Lower Upper
107 100
109 94.2 66.9 124.3
188 3.3 2.7 4.1



#51
Chlorobenzene
Concen: 5.302 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU058903.D
Acq: 15 May 2024 15:05

Tgt Ion:112 Resp: 159101
Ion Ratio Lower Upper
112 100
114 30.6 22.4 41.6
77 60.3 49.1 73.7





#52

Ethylbenzene

Concen: 5.351 ug/L

RT: 9.566 min Scan# 2574

Delta R.T. -0.000 min

Lab File: VU058903.D

Acq: 15 May 2024 15:05

Instrument :

MSVOA_U

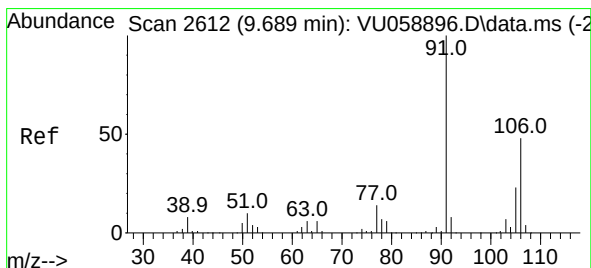
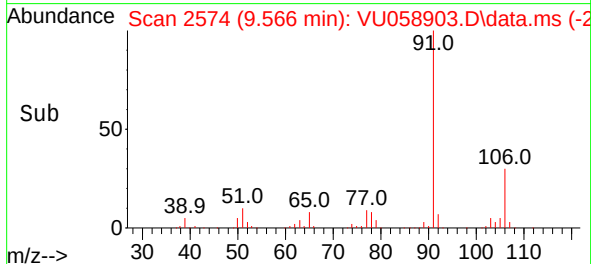
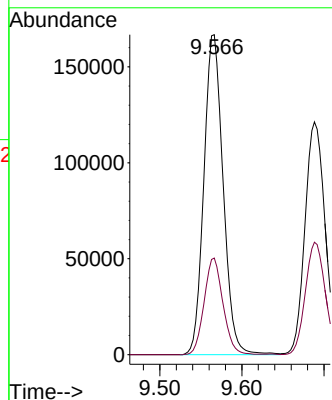
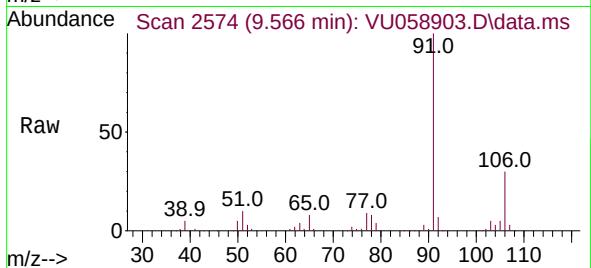
ClientSampleId :

Tgt Ion: 91 Resp: 272048

Ion Ratio Lower Upper

91 100

106 30.2 20.9 38.7



#53

m,p-Xylene

Concen: 5.346 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. -0.000 min

Lab File: VU058903.D

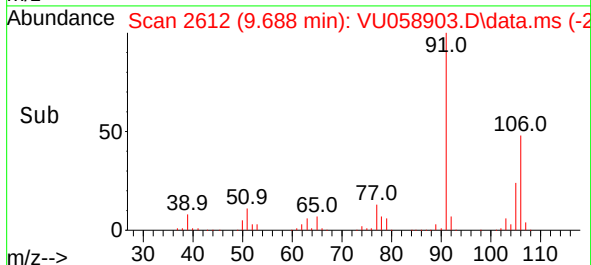
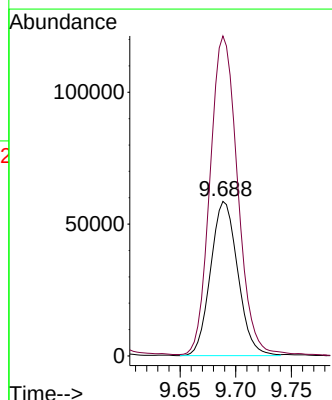
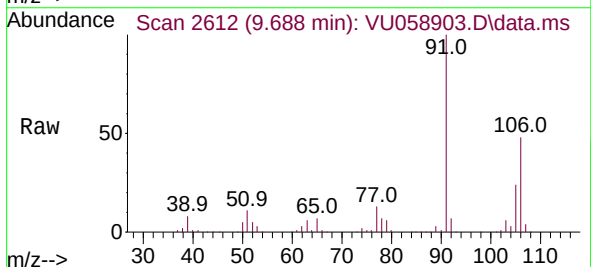
Acq: 15 May 2024 15:05

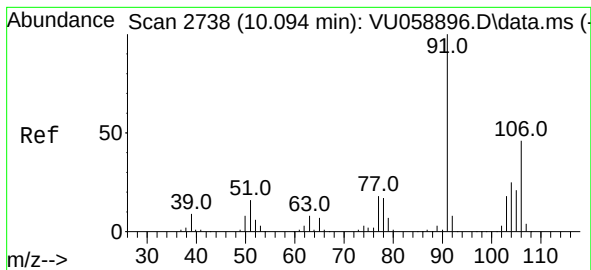
Tgt Ion:106 Resp: 99463

Ion Ratio Lower Upper

106 100

91 206.9 142.0 263.8





#54

o-Xylene

Concen: 5.371 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. -0.000 min

Lab File: VU058903.D

Acq: 15 May 2024 15:05

Instrument :

MSVOA_U

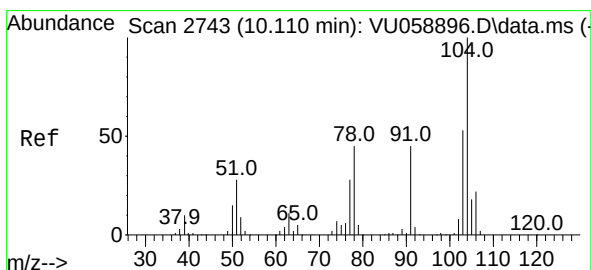
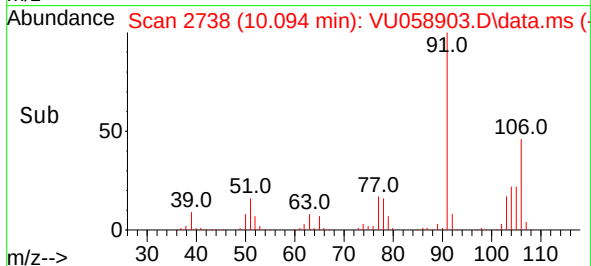
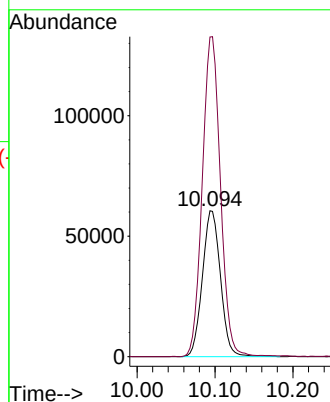
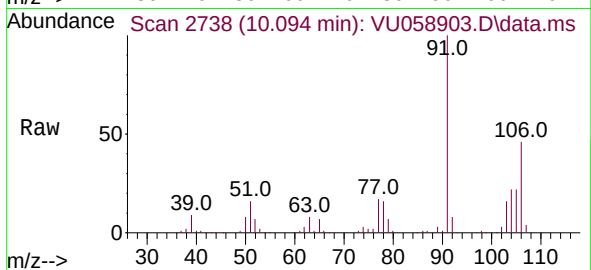
ClientSampleId :

Tgt Ion:106 Resp: 97736

Ion Ratio Lower Upper

106 100

91 219.1 151.6 281.6



#55

Styrene

Concen: 5.594 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. -0.000 min

Lab File: VU058903.D

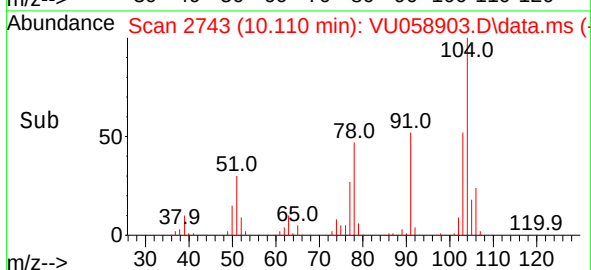
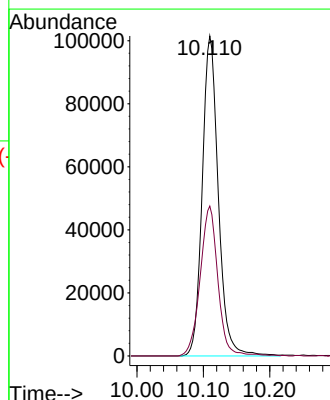
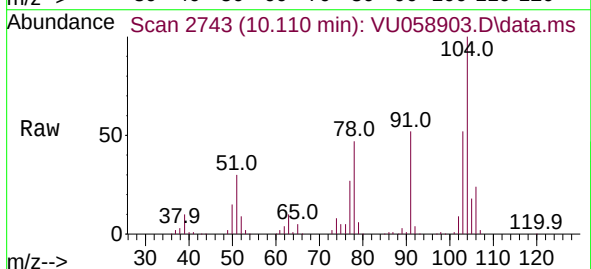
Acq: 15 May 2024 15:05

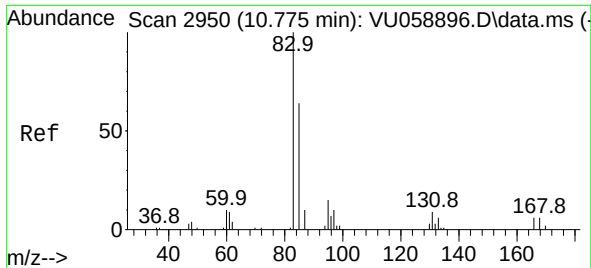
Tgt Ion:104 Resp: 171244

Ion Ratio Lower Upper

104 100

78 46.9 32.3 60.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.384 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

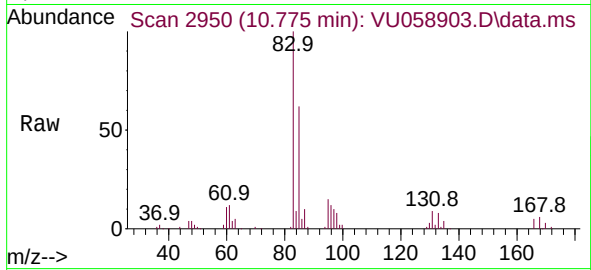
Lab File: VU058903.D

Acq: 15 May 2024 15:05

Instrument :

MSVOA_U

ClientSampleId :



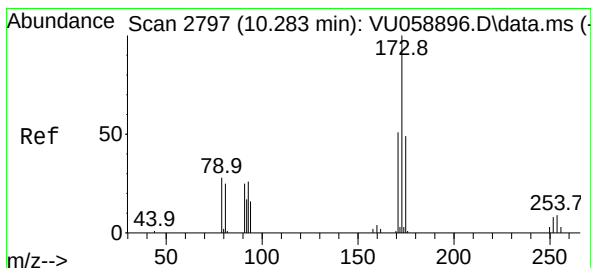
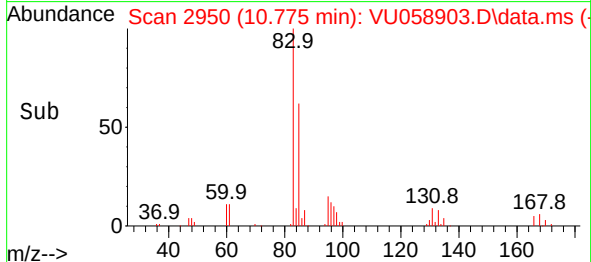
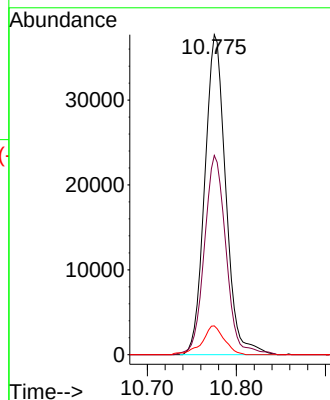
Tgt Ion: 83 Resp: 61537

Ion Ratio Lower Upper

83 100

85 62.3 44.7 82.9

131 9.0 6.9 10.3



#59

Bromoform

Concen: 5.034 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU058903.D

Acq: 15 May 2024 15:05

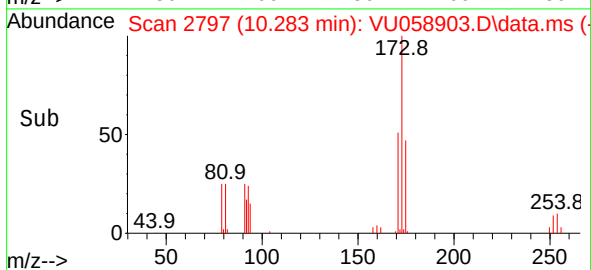
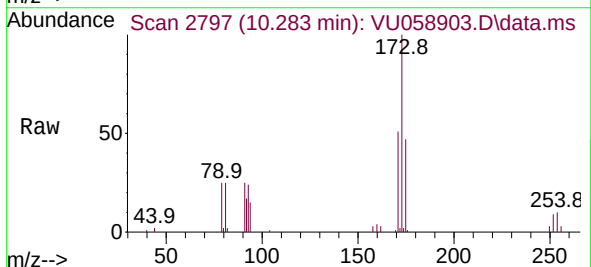
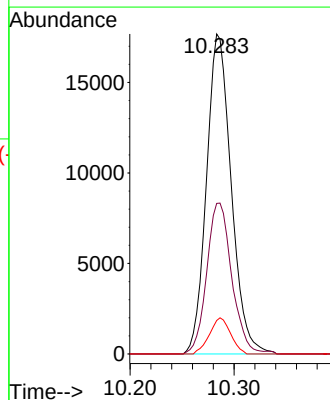
Tgt Ion:173 Resp: 29212

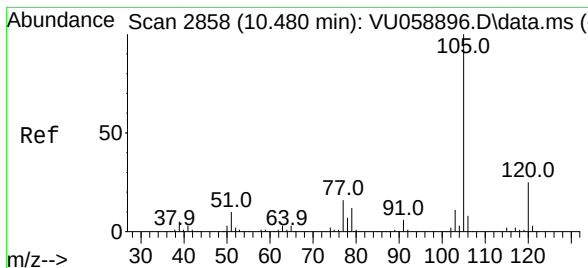
Ion Ratio Lower Upper

173 100

175 47.8 39.4 59.2

254 9.6 7.4 11.2





#60

Isopropylbenzene

Concen: 5.238 ug/L

RT: 10.479 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU058903.D

Acq: 15 May 2024 15:05

Instrument :

MSVOA_U

ClientSampleId :

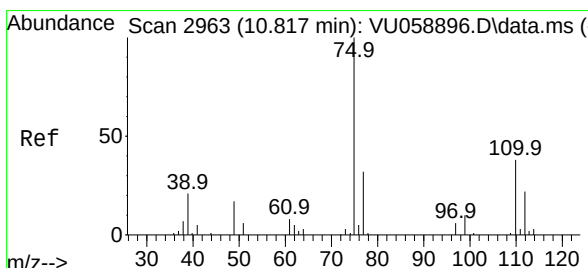
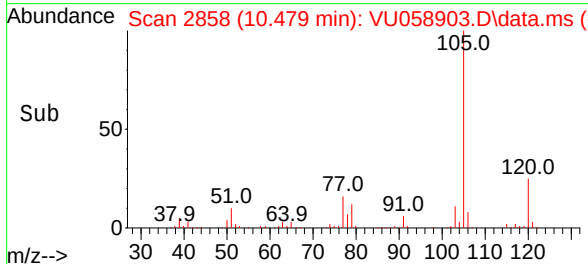
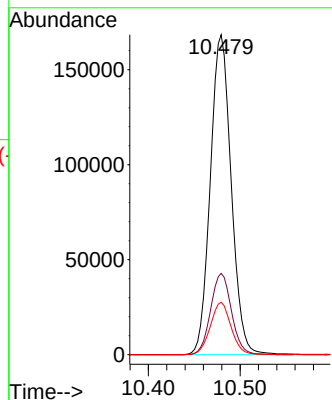
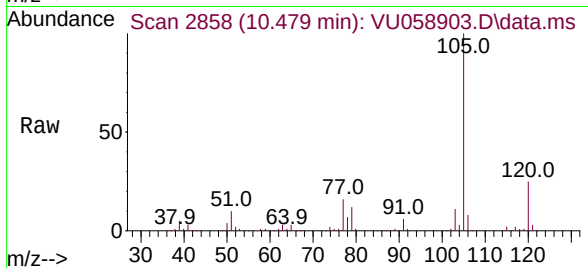
Tgt Ion:105 Resp: 266309

Ion Ratio Lower Upper

105 100

120 25.4 20.6 31.0

77 16.3 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 5.204 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. -0.000 min

Lab File: VU058903.D

Acq: 15 May 2024 15:05

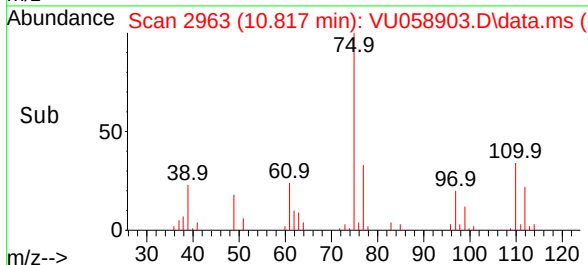
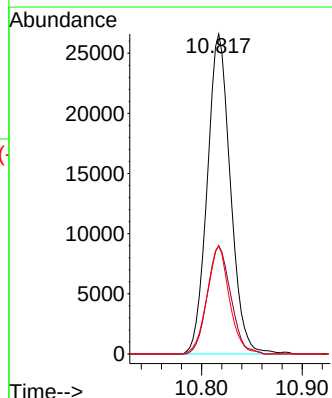
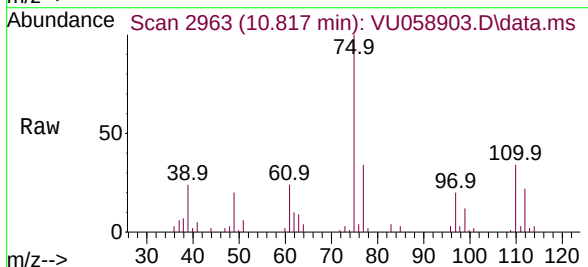
Tgt Ion: 75 Resp: 42555

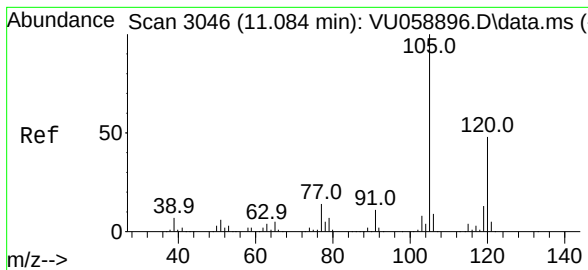
Ion Ratio Lower Upper

75 100

110 34.2 27.1 40.7

77 32.5 25.4 38.2

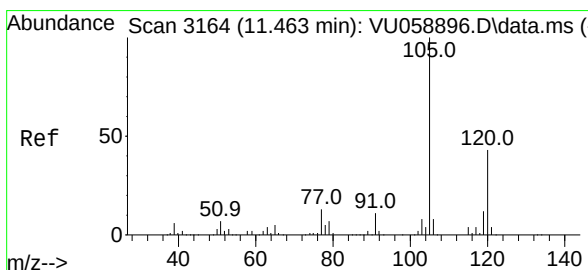
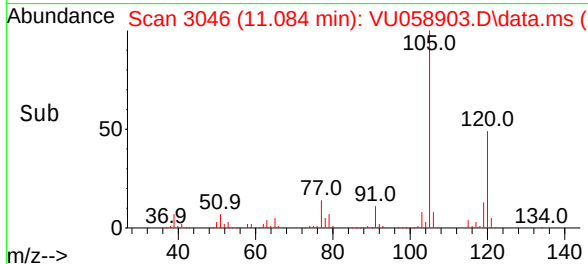
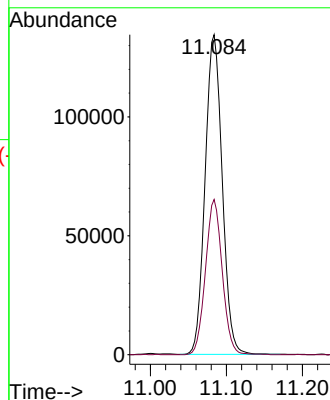
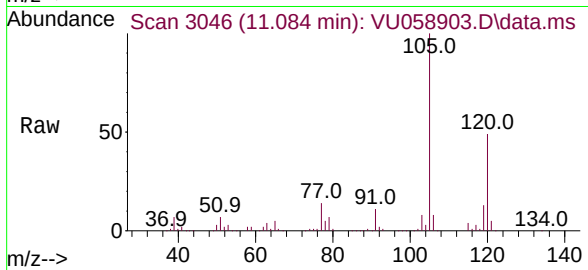




#62
1,3,5-Trimethylbenzene
Concen: 5.194 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU058903.D
Acq: 15 May 2024 15:05

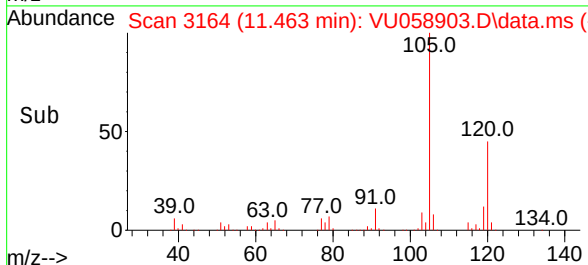
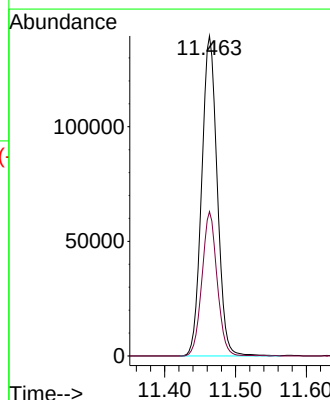
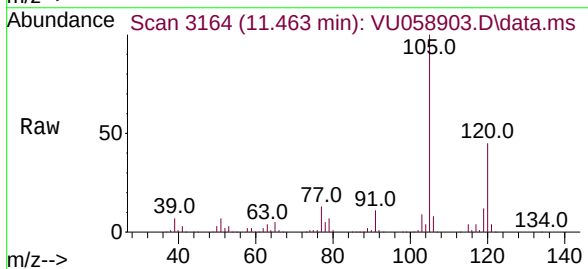
Instrument :
MSVOA_U
ClientSampleId :

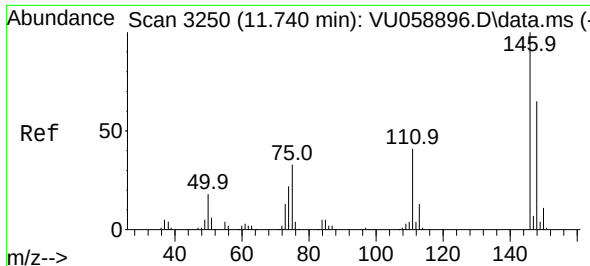
Tgt Ion:105 Resp: 210484
Ion Ratio Lower Upper
105 100
120 47.6 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 5.289 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU058903.D
Acq: 15 May 2024 15:05

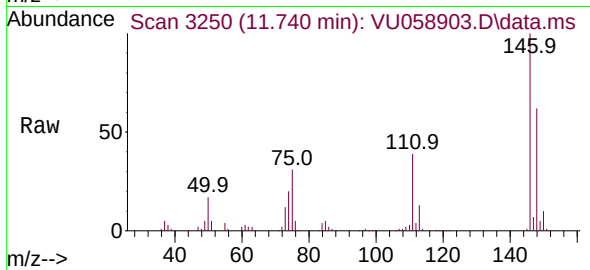
Tgt Ion:105 Resp: 212507
Ion Ratio Lower Upper
105 100
120 43.9 35.4 53.0



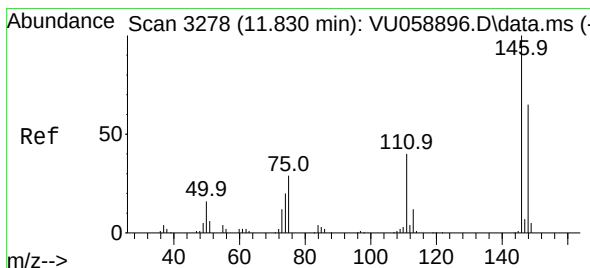
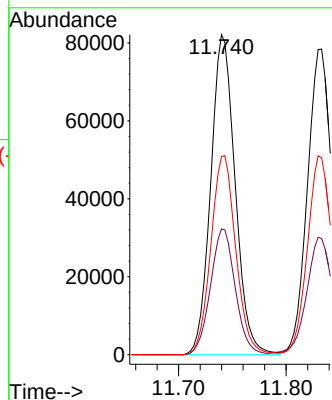
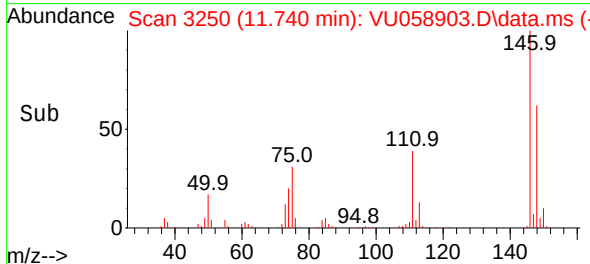


#64
1,3-Dichlorobenzene
Concen: 5.224 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU058903.D
Acq: 15 May 2024 15:05

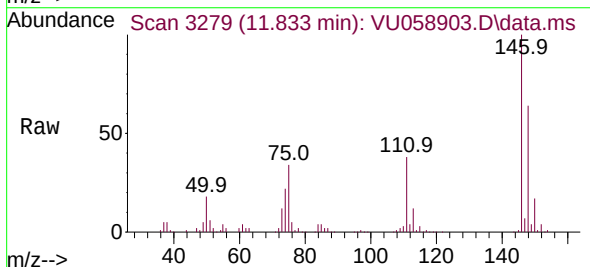
Instrument :
MSVOA_U
ClientSampleId :



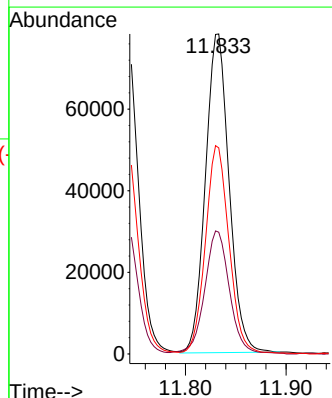
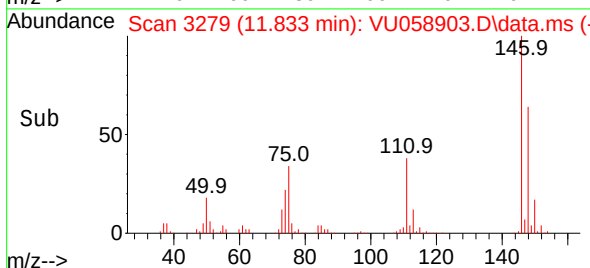
Tgt Ion:146 Resp: 129229
Ion Ratio Lower Upper
146 100
111 39.3 27.4 51.0
148 62.0 45.0 83.6

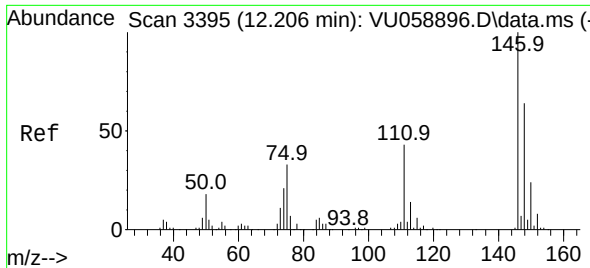


#65
1,4-Dichlorobenzene
Concen: 5.178 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU058903.D
Acq: 15 May 2024 15:05



Tgt Ion:146 Resp: 127842
Ion Ratio Lower Upper
146 100
111 38.0 26.9 50.1
148 64.4 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.240 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU058903.D

Acq: 15 May 2024 15:05

Instrument :

MSVOA_U

ClientSampleId :

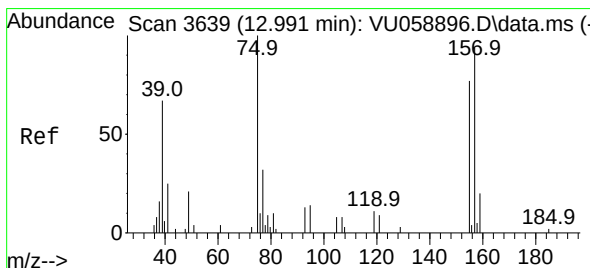
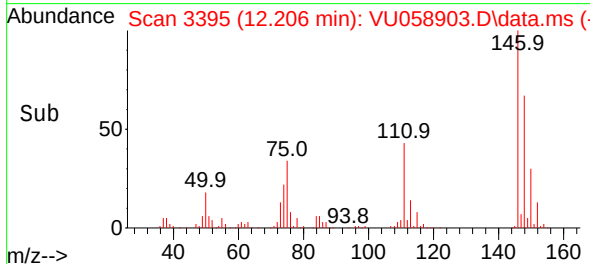
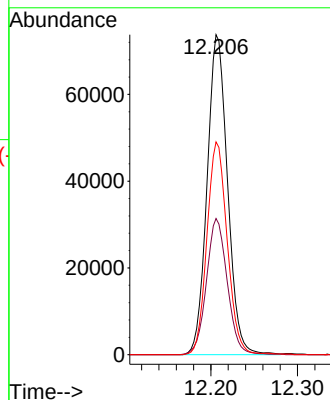
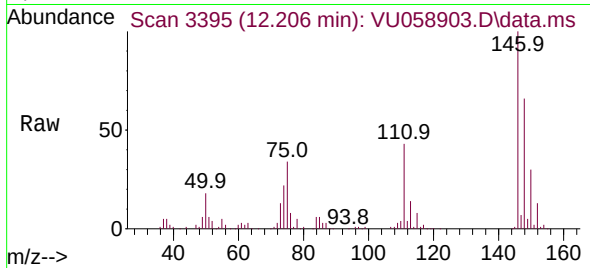
Tgt Ion:146 Resp: 121141

Ion Ratio Lower Upper

146 100

111 42.6 33.4 50.0

148 66.5 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.290 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.003 min

Lab File: VU058903.D

Acq: 15 May 2024 15:05

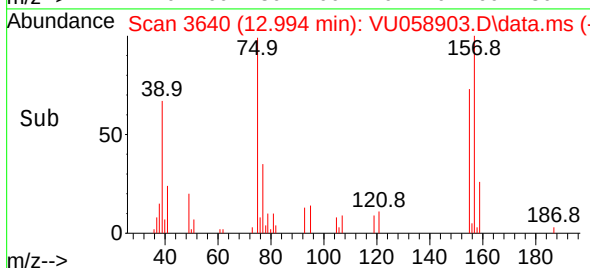
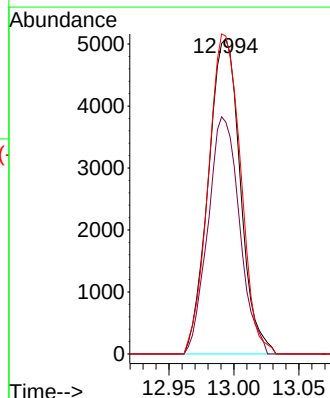
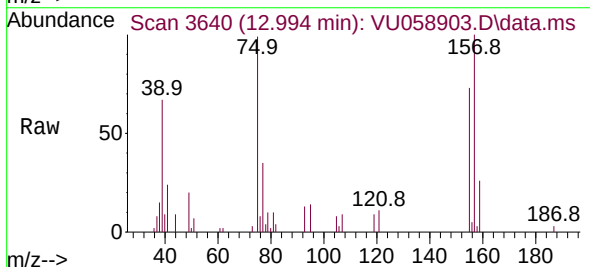
Tgt Ion: 75 Resp: 8702

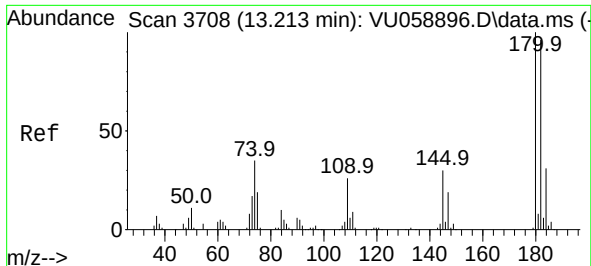
Ion Ratio Lower Upper

75 100

155 73.6 58.2 87.2

157 100.9 80.0 120.0





#69

1,3,5-Trichlorobenzene

Concen: 5.163 ug/L

RT: 13.216 min Scan# 31

Delta R.T. 0.003 min

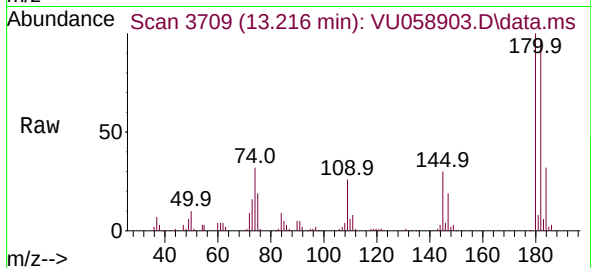
Lab File: VU058903.D

Acq: 15 May 2024 15:05

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 95759

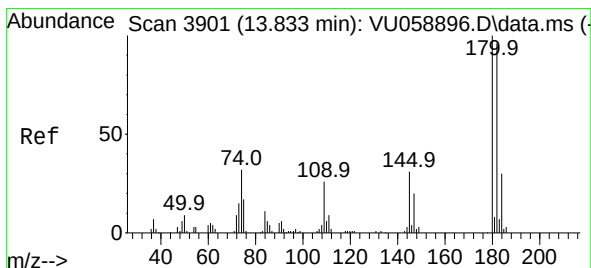
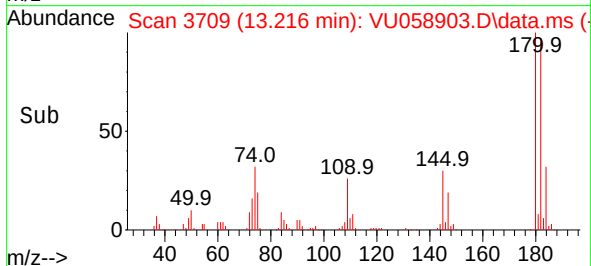
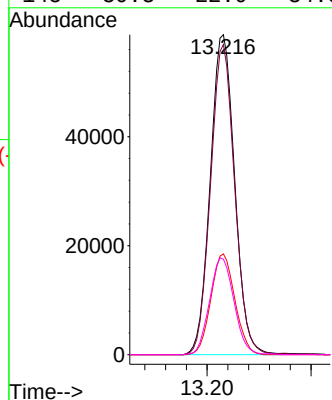
Ion Ratio Lower Upper

180 100

182 95.4 75.4 113.0

184 30.9 23.0 34.6

145 30.3 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 4.972 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.003 min

Lab File: VU058903.D

Acq: 15 May 2024 15:05

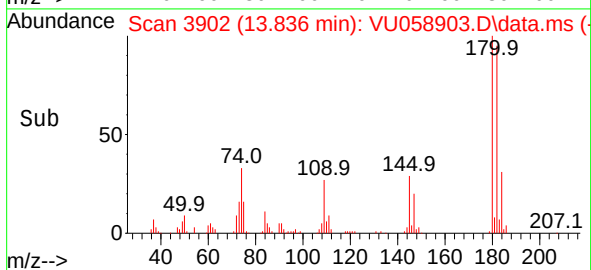
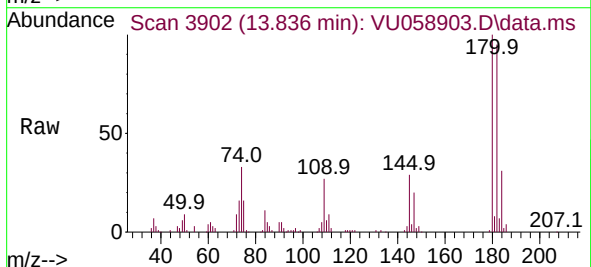
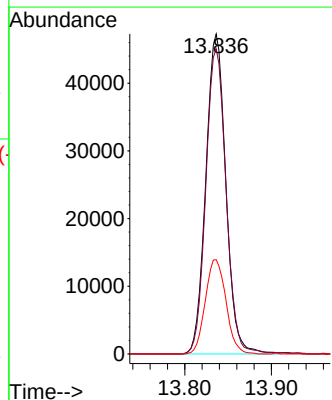
Tgt Ion:180 Resp: 76111

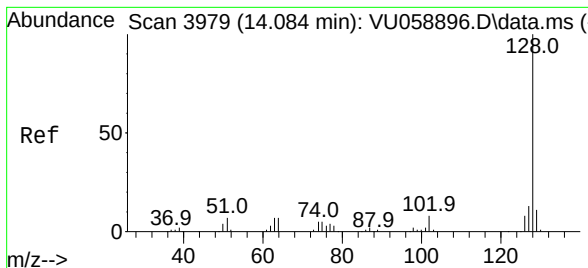
Ion Ratio Lower Upper

180 100

182 96.3 74.9 112.3

145 30.4 23.9 35.9





#71

Naphthalene

Concen: 4.704 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. -0.000 min

Lab File: VU058903.D

Acq: 15 May 2024 15:05

Instrument :

MSVOA_U

ClientSampleId :

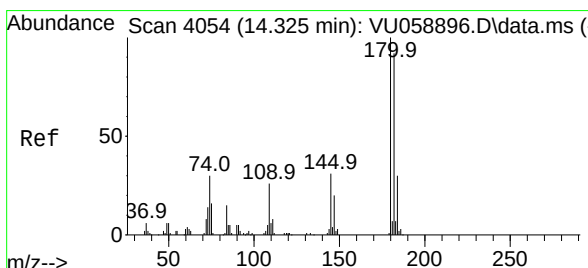
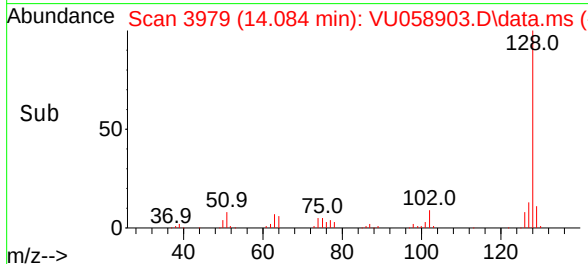
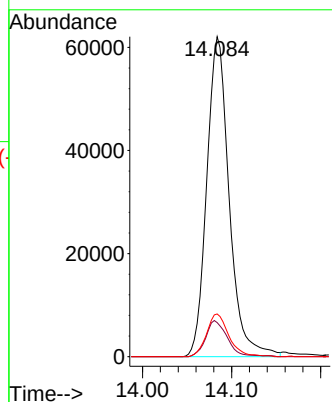
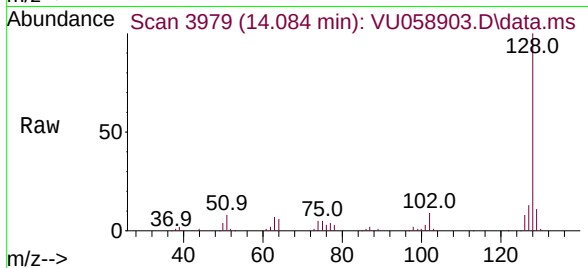
Tgt Ion:128 Resp: 108518

Ion Ratio Lower Upper

128 100

129 10.8 8.2 12.4

127 13.3 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 5.133 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU058903.D

Acq: 15 May 2024 15:05

Tgt Ion:180 Resp: 68948

Ion Ratio Lower Upper

180 100

182 95.1 77.0 115.6

145 31.0 26.2 39.4

