

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051524\
 Data File : VU058898.D
 Acq On : 15 May 2024 12:27
 Operator : MD/SY
 Sample : P2409-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 16 01:52:06 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	153082	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	155531	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	70488	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	42240	4.555	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.200%
7) Chloroethane-d5	1.911	69	39979	4.770	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.400%
11) 1,1-Dichloroethene-d2	2.563	65	17455	4.619	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.400%
20) 2-Butanone-d5	4.637	46	127863	53.036	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.080%
24) Chloroform-d	5.058	84	93277	4.981	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.698	65	48727	5.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.724	84	170134	4.766	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.685	67	61022	5.130	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.894	98	141144	4.344	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	8.177	79	19017	4.659	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.200%
46) 2-Hexanone-d5	8.630	63	94962	48.473	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.940%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	50549	4.920	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	54858	5.175	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.383	85	2708	0.242	ug/L	94
3) Chloromethane	1.518	50	3620	0.278	ug/L	95
5) Vinyl chloride	1.602	62	3524	0.252	ug/L #	75
6) Bromomethane	1.856	94	2113	0.243	ug/L	97
8) Chloroethane	1.933	64	2541	0.286	ug/L	99
9) Trichlorofluoromethane	2.136	101	4325	0.241	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	2939	0.271	ug/L	93
12) 1,1-Dichloroethene	2.576	96	2710	0.284	ug/L #	1
14) Carbon disulfide	2.792	76	7563	0.250	ug/L	97
16) Methylene chloride	3.046	84	4225	0.327	ug/L	89
17) Methyl tert-butyl Ether	3.357	73	5907	0.238	ug/L #	93
18) trans-1,2-Dichloroethene	3.354	96	2366	0.236	ug/L	90
19) 1,1-Dichloroethane	3.862	63	5626	0.268	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	2772	0.240	ug/L	86
23) Bromochloromethane	4.975	128	1397	0.274	ug/L	78
25) Chloroform	5.078	83	6316	0.288	ug/L	96
27) 1,2-Dichloroethane	5.795	62	3529	0.263	ug/L	99
30) Cyclohexane	5.377	56	2067	0.126	ug/L #	19
31) Carbon tetrachloride	5.528	117	3703	0.255	ug/L	98

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

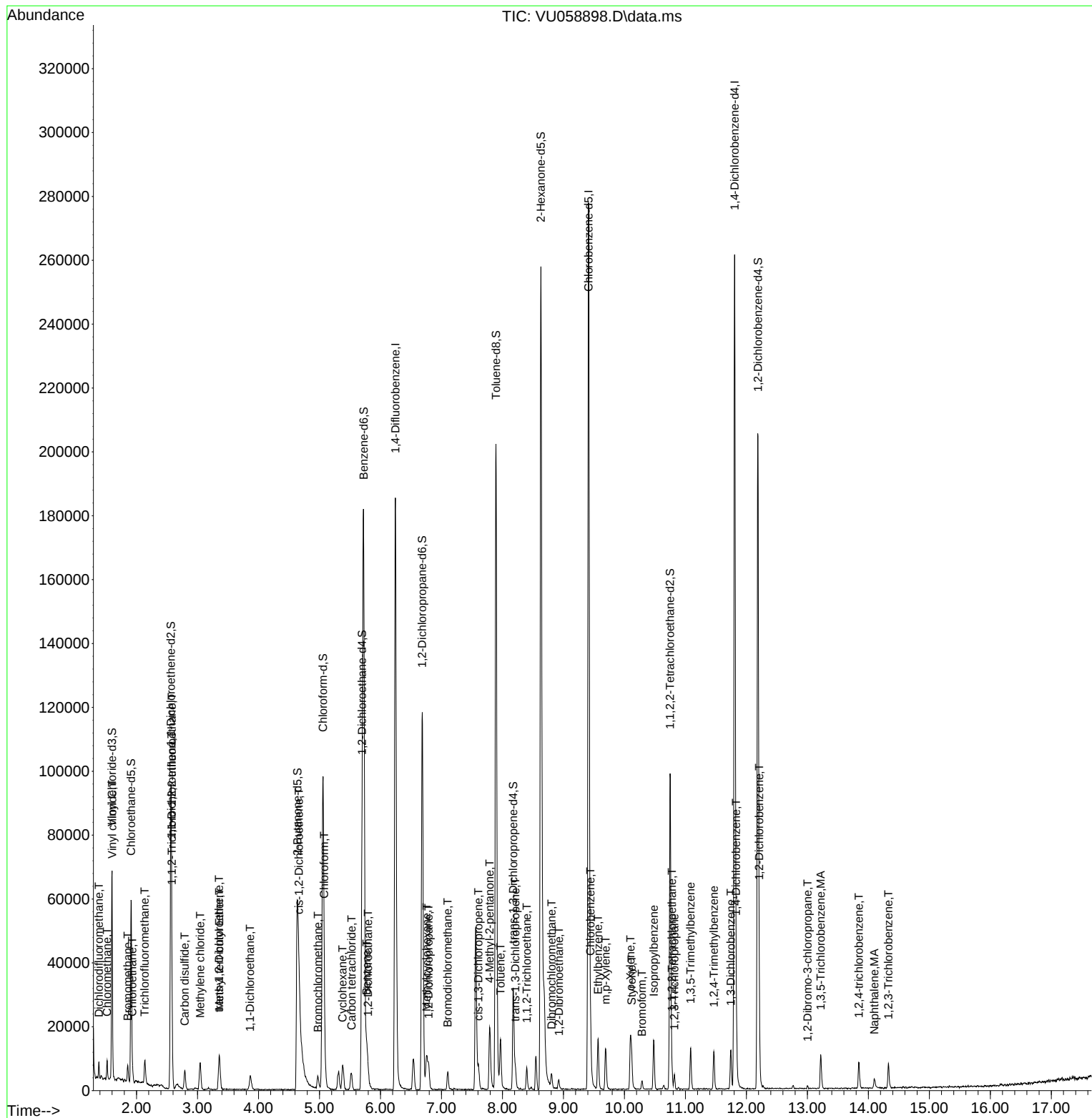
33) Benzene	5.772	78	11681	0.256	ug/L	100
35) Methylcyclohexane	6.756	83	4180	0.242	ug/L	90
37) 1,2-Dichloropropane	6.788	63	3596	0.277	ug/L #	94
38) Bromodichloromethane	7.103	83	4129	0.265	ug/L #	98
39) cis-1,3-Dichloropropene	7.608	75	4354	0.246	ug/L	94
40) 4-Methyl-2-pentanone	7.791	43	14597	2.176	ug/L #	90
42) Toluene	7.968	91	11691	0.245	ug/L	99
44) trans-1,3-Dichloropropene	8.213	75	2927	0.203	ug/L	95
45) 1,1,2-Trichloroethane	8.399	97	2263	0.248	ug/L	95
49) Dibromochloromethane	8.804	129	2527	0.263	ug/L	97
50) 1,2-Dibromoethane	8.926	107	2154	0.267	ug/L #	92
51) Chlorobenzene	9.444	112	7860	0.259	ug/L	94
52) Ethylbenzene	9.569	91	11303	0.220	ug/L	97
53) m,p-Xylene	9.692	106	3833	0.203	ug/L	95
54) o-Xylene	10.100	106	4100	0.223	ug/L	88
55) Styrene	10.119	104	5918	0.191	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.778	83	3126	0.270	ug/L #	90
59) Bromoform	10.286	173	1168	0.227	ug/L #	95
60) Isopropylbenzene	10.483	105	10697	0.237	ug/L	97
61) 1,2,3-Trichloropropane	10.820	75	2078	0.286	ug/L #	88
62) 1,3,5-Trimethylbenzene	11.087	105	7928	0.220	ug/L	95
63) 1,2,4-Trimethylbenzene	11.466	105	7134	0.200	ug/L	98
64) 1,3-Dichlorobenzene	11.746	146	5279	0.240	ug/L	91
65) 1,4-Dichlorobenzene	11.833	146	6047	0.276	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	5260	0.256	ug/L	96
68) 1,2-Dibromo-3-chloropr...	13.003	75	389	0.266	ug/L #	61
69) 1,3,5-Trichlorobenzene	13.219	180	4214	0.256	ug/L	98
70) 1,2,4-trichlorobenzene	13.846	180	3303	0.243	ug/L	98
71) Naphthalene	14.100	128	4148	0.203	ug/L #	84
72) 1,2,3-Trichlorobenzene	14.328	180	2935	0.246	ug/L	96

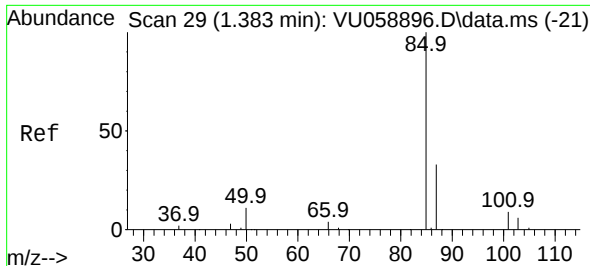
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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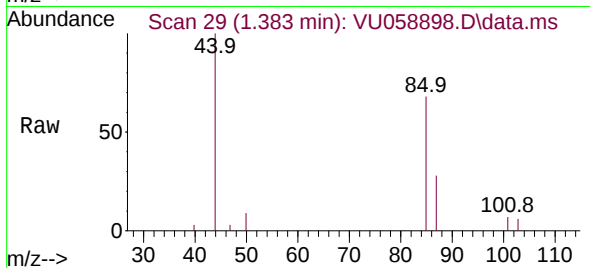
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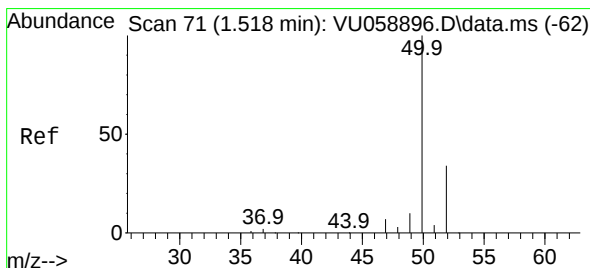
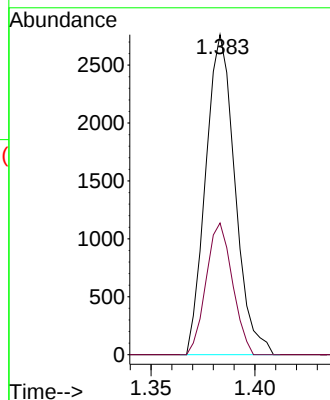
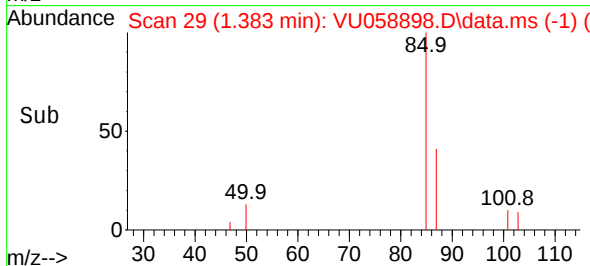


#2
 Dichlorodifluoromethane
 Concen: 0.242 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU058898.D
 Acq: 15 May 2024 12:27

Instrument :
 MSVOA_U
 ClientSampleId :

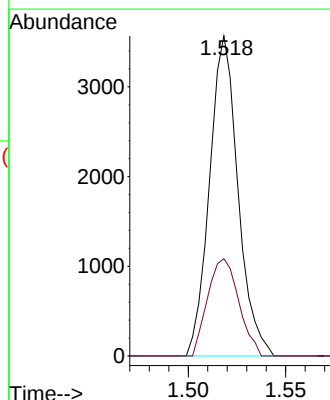
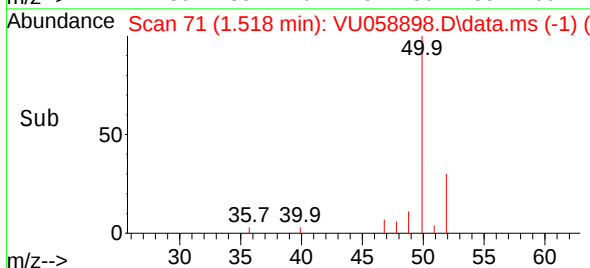
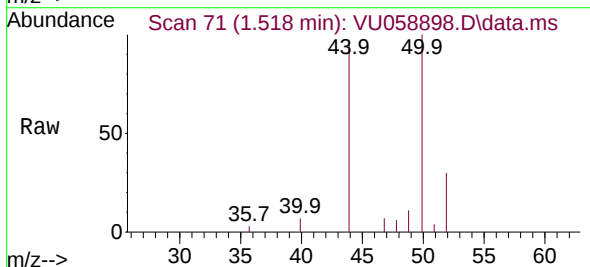


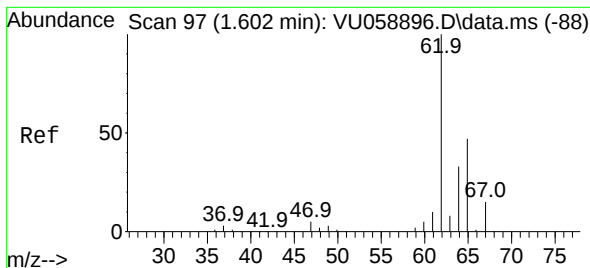
Tgt Ion: 85 Resp: 2708
 Ion Ratio Lower Upper
 85 100
 87 36.9 26.6 40.0



#3
 Chloromethane
 Concen: 0.278 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU058898.D
 Acq: 15 May 2024 12:27

Tgt Ion: 50 Resp: 3620
 Ion Ratio Lower Upper
 50 100
 52 30.4 23.2 43.0





#5

Vinyl chloride

Concen: 0.252 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU058898.D

Acq: 15 May 2024 12:27

Instrument :

MSVOA_U

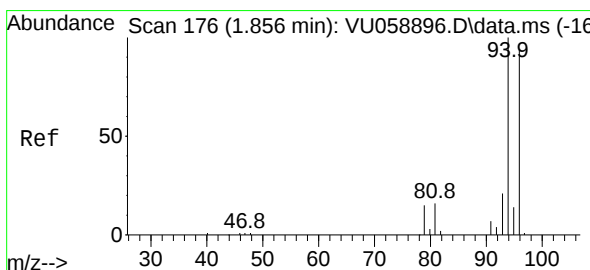
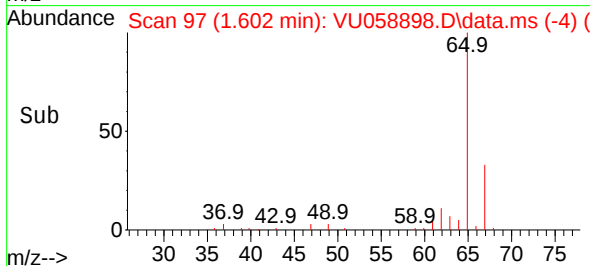
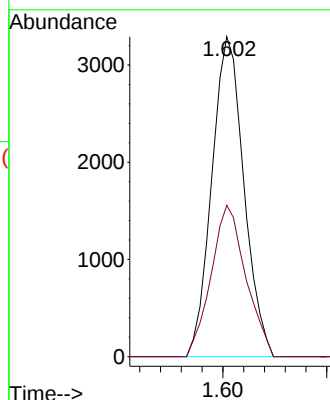
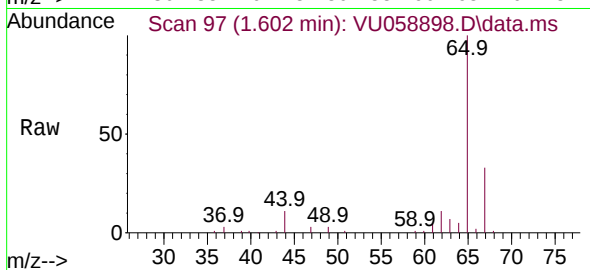
ClientSampleId :

Tgt Ion: 62 Resp: 3524

Ion Ratio Lower Upper

62 100

64 47.3 23.1 42.9#



#6

Bromomethane

Concen: 0.243 ug/L

RT: 1.856 min Scan# 176

Delta R.T. -0.000 min

Lab File: VU058898.D

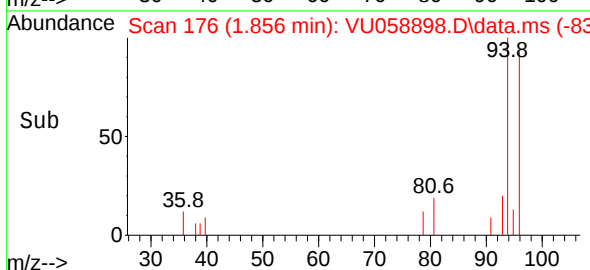
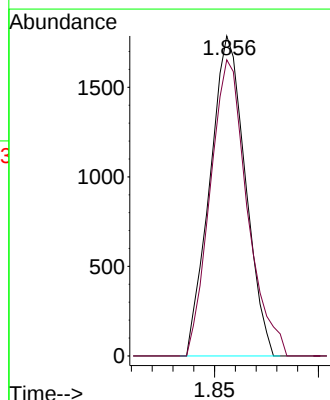
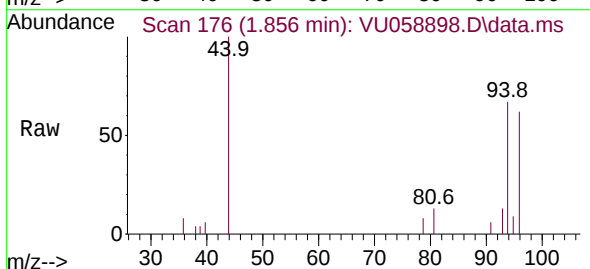
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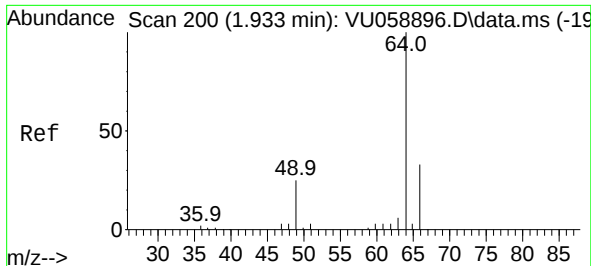
Tgt Ion: 94 Resp: 2113

Ion Ratio Lower Upper

94 100

96 92.6 62.9 116.9

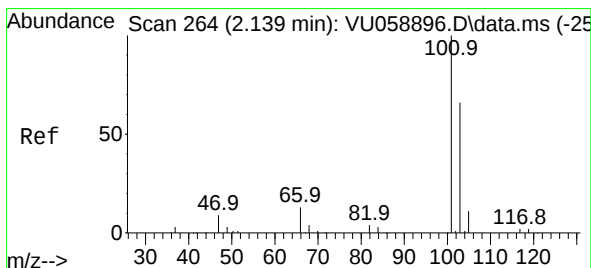
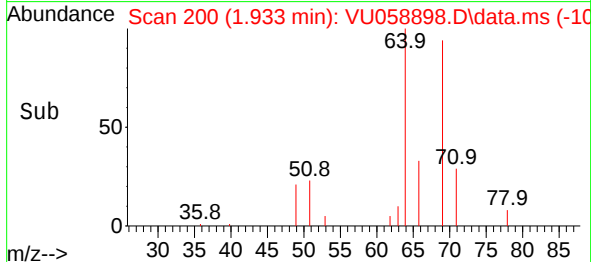
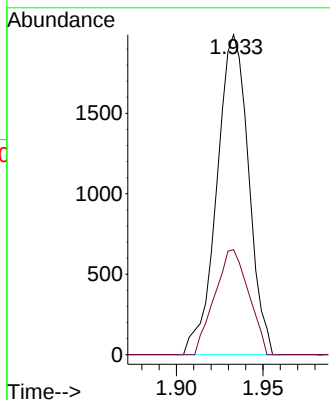
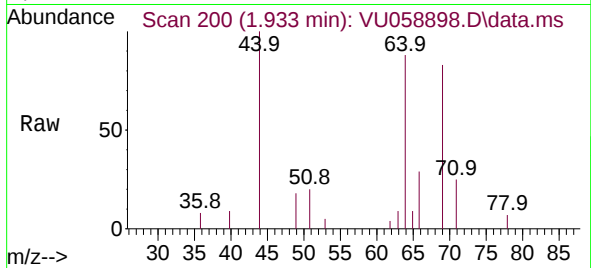




#8
Chloroethane
Concen: 0.286 ug/L
RT: 1.933 min Scan# 20
Delta R.T. -0.000 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

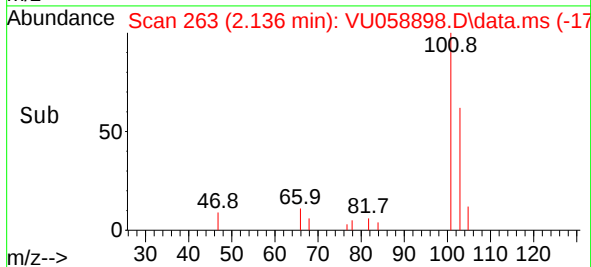
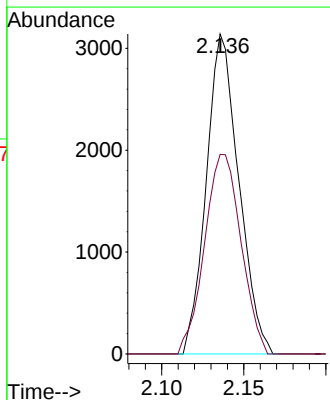
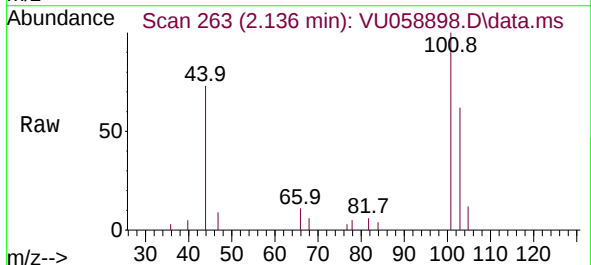
Instrument :
MSVOA_U
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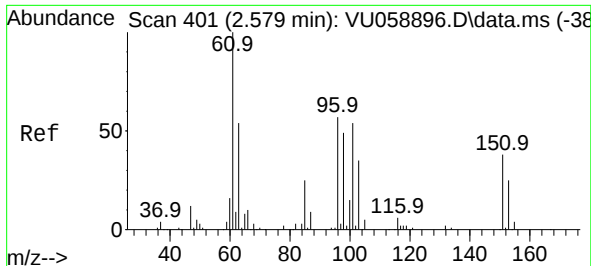
Tgt Ion: 64 Resp: 2541
Ion Ratio Lower Upper
64 100
66 32.8 23.2 43.2



#9
Trichlorofluoromethane
Concen: 0.241 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.003 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

Tgt Ion:101 Resp: 4325
Ion Ratio Lower Upper
101 100
103 69.8 52.6 79.0





#10

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

Concen: 0.271 ug/L

RT: 2.579 min Scan# 401

Delta R.T. -0.000 min

Lab File: VU058898.D

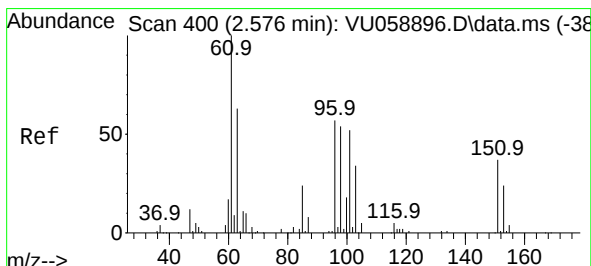
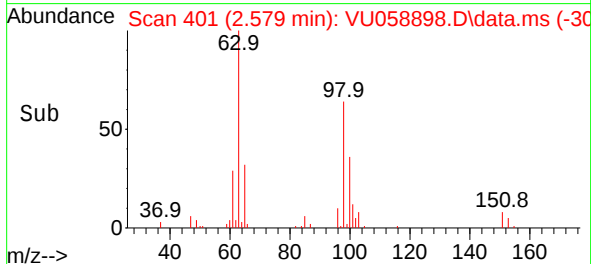
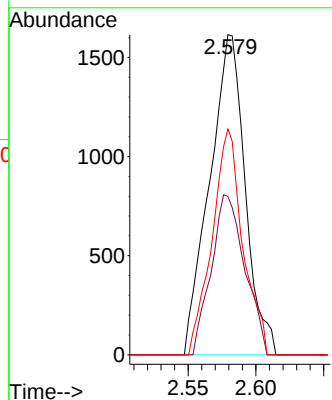
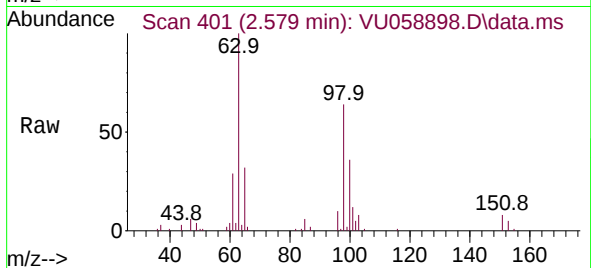
Acq: 15 May 2024 12:27

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:101	Resp:	2939
Ion Ratio	Lower	Upper
101	100	
85	47.3	36.2 54.4
151	61.2	55.5 83.3



#12

1,1-Dichloroethene

Concen: 0.284 ug/L

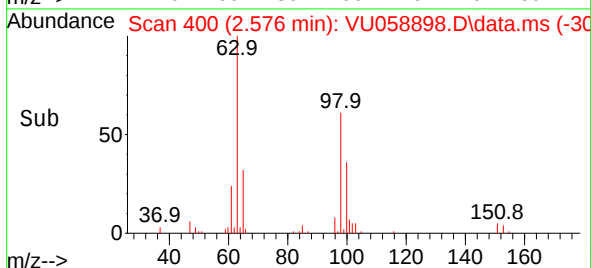
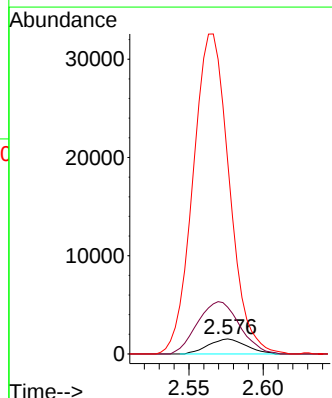
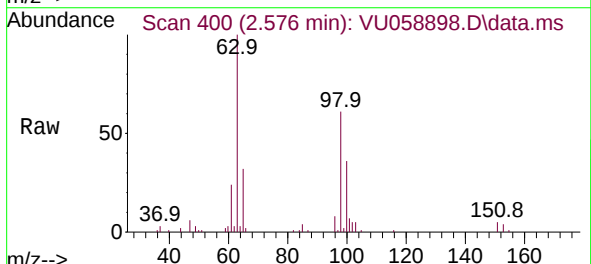
RT: 2.576 min Scan# 400

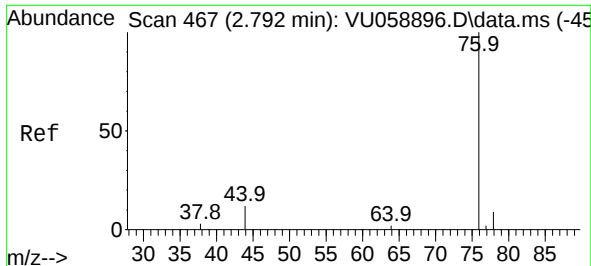
Delta R.T. -0.000 min

Lab File: VU058898.D

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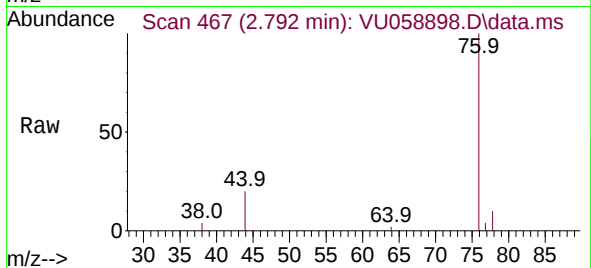
Tgt Ion: 96	Resp:	2710
Ion Ratio	Lower	Upper
96	100	
61	308.8	122.9 228.3#
63	1271.5	80.4 149.4#



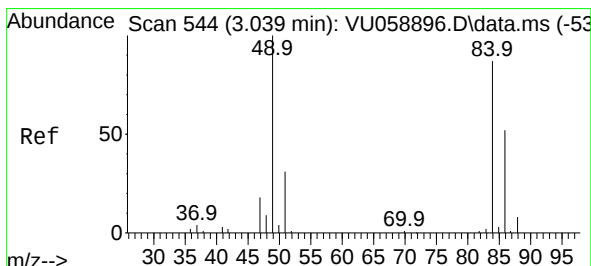
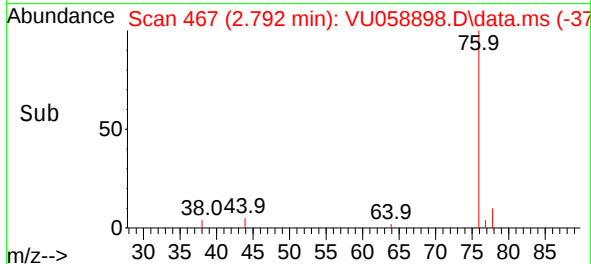
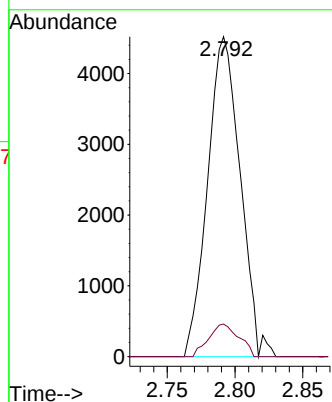


#14
Carbon disulfide
Concen: 0.250 ug/L
RT: 2.792 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

Instrument :
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ClientSampleId :

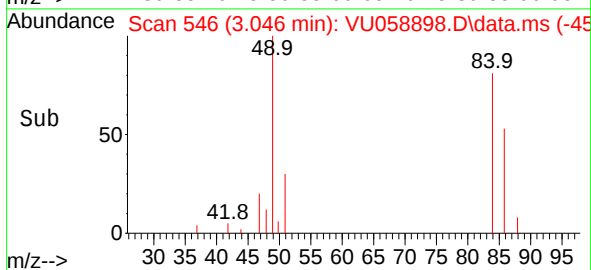
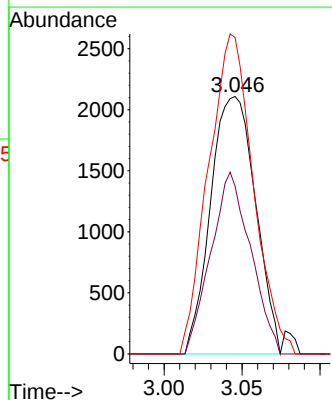
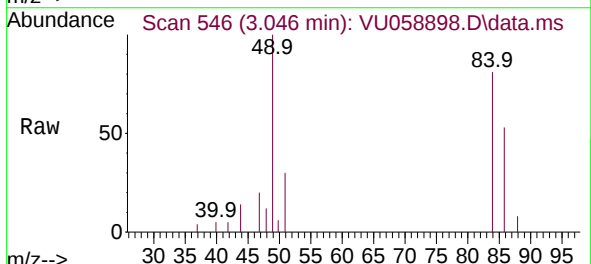


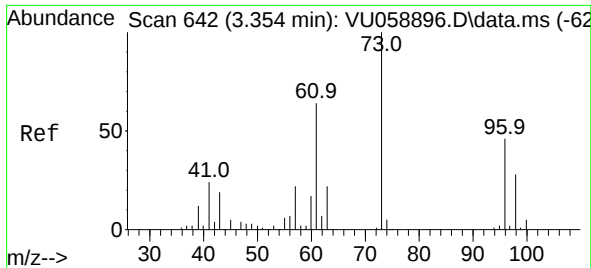
Tgt Ion: 76 Resp: 7563
Ion Ratio Lower Upper
76 100
78 10.2 7.3 10.9



#16
Methylene chloride
Concen: 0.327 ug/L
RT: 3.046 min Scan# 546
Delta R.T. 0.006 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

Tgt Ion: 84 Resp: 4225
Ion Ratio Lower Upper
84 100
86 65.2 42.1 78.1
49 129.8 80.6 149.8

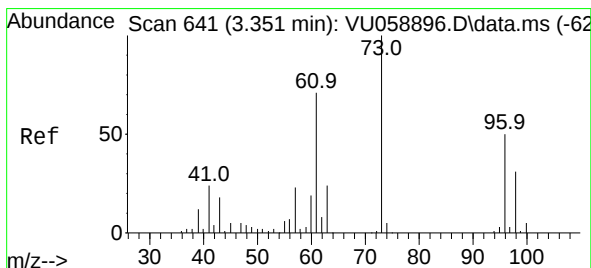
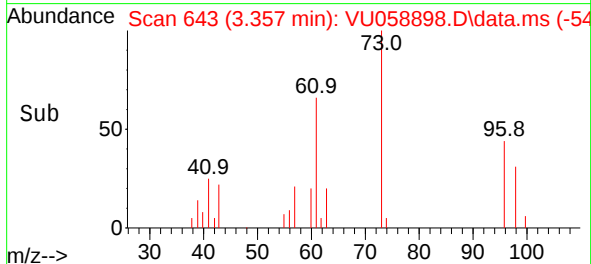
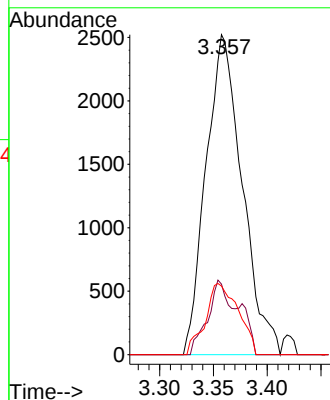
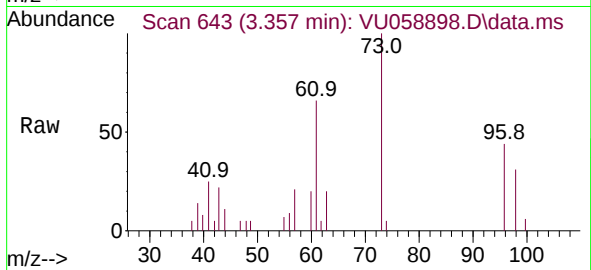




#17
Methyl tert-butyl Ether
Concen: 0.238 ug/L
RT: 3.357 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

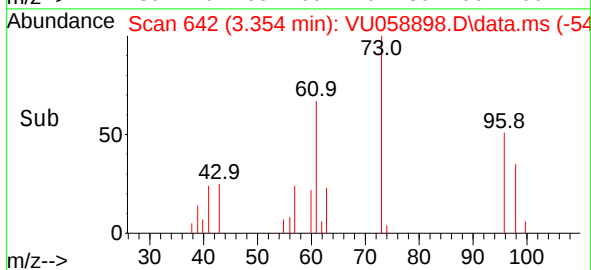
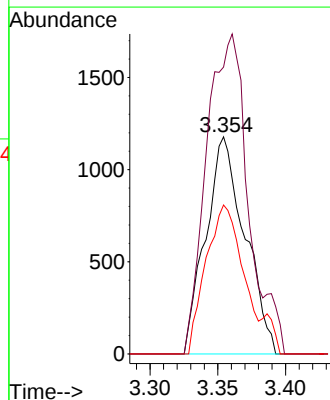
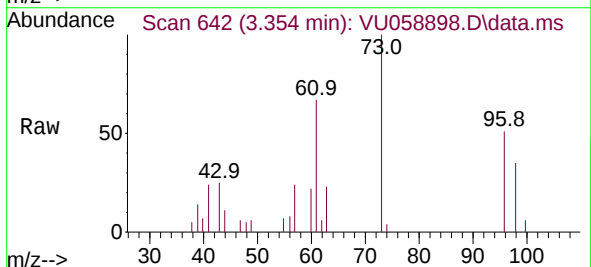
Instrument :
MSVOA_U
ClientSampleId :

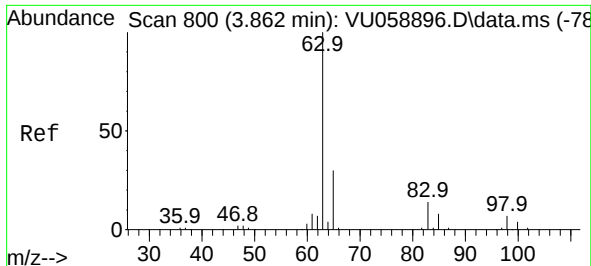
Tgt Ion: 73 Resp: 5907
Ion Ratio Lower Upper
73 100
43 14.7 14.9 22.3#
57 20.2 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 0.236 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

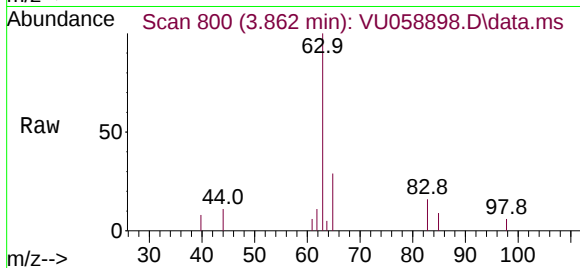
Tgt Ion: 96 Resp: 2366
Ion Ratio Lower Upper
96 100
61 132.1 101.8 189.0
98 68.6 43.3 80.5



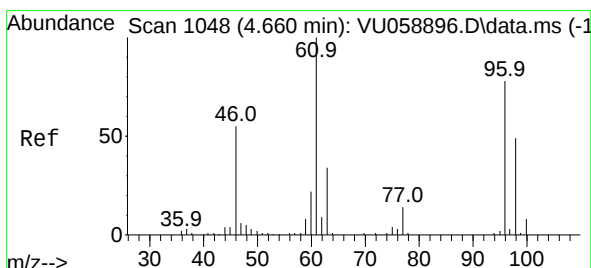
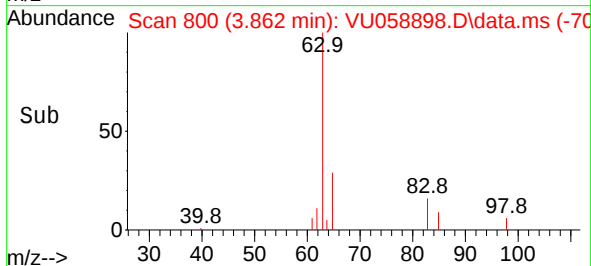
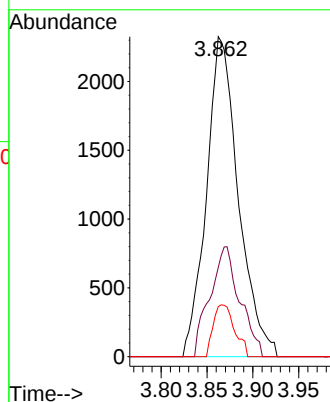


#19
1,1-Dichloroethane
Concen: 0.268 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

Instrument :
MSVOA_U
ClientSampleId :

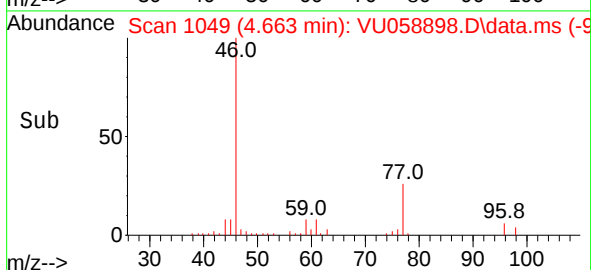
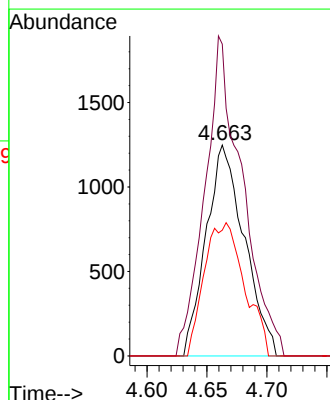
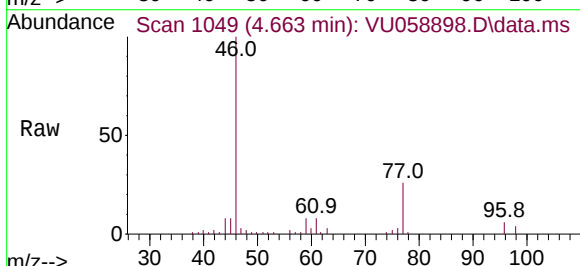


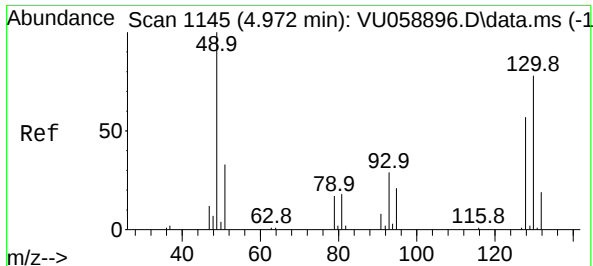
Tgt Ion: 63 Resp: 5626
Ion Ratio Lower Upper
63 100
65 27.9 21.8 40.6
83 15.7 9.9 18.5



#22
cis-1,2-Dichloroethene
Concen: 0.240 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

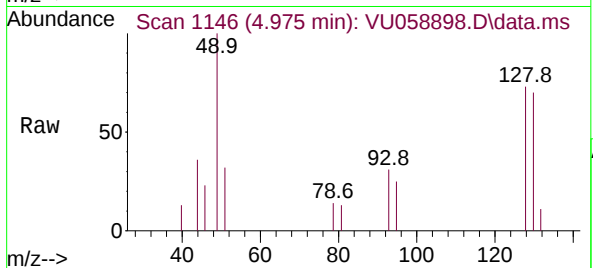
Tgt Ion: 96 Resp: 2772
Ion Ratio Lower Upper
96 100
61 147.9 87.4 162.2
98 59.6 42.3 78.5



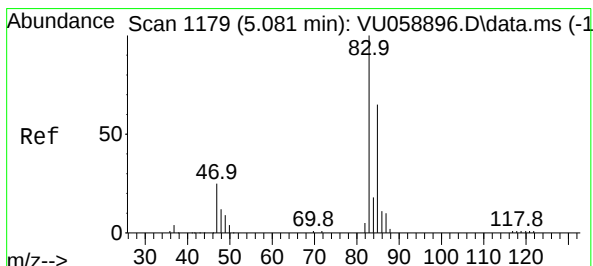
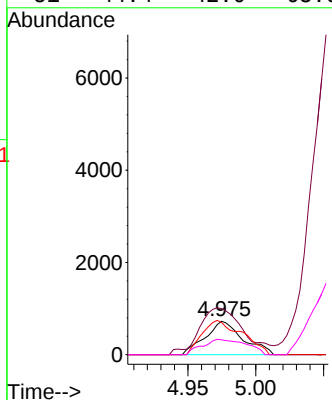
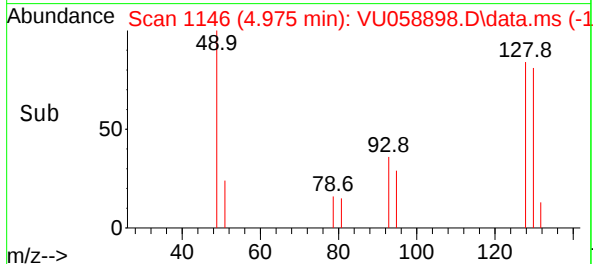


#23
Bromochloromethane
Concen: 0.274 ug/L
RT: 4.975 min Scan# 1145
Delta R.T. 0.003 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

Instrument :
MSVOA_U
ClientSampleId :

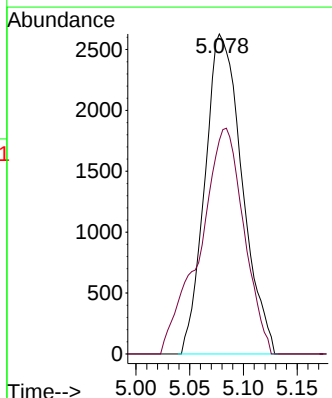
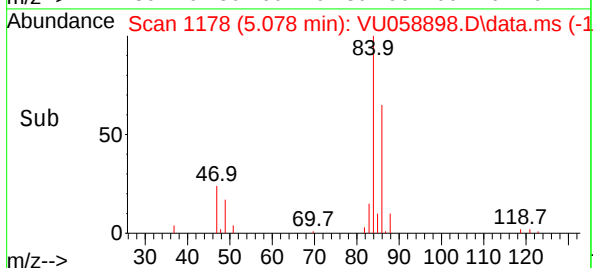
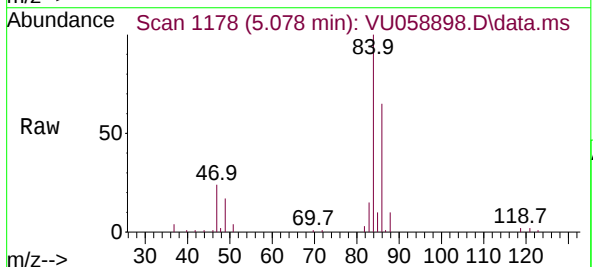


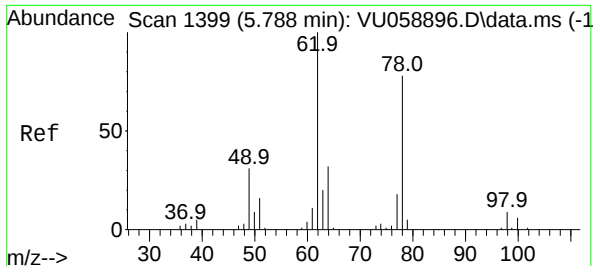
Tgt Ion:128 Resp: 1397
Ion Ratio Lower Upper
128 100
49 137.9 117.0 217.4
130 96.4 89.6 166.4
51 44.4 42.0 63.0



#25
Chloroform
Concen: 0.288 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.003 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

Tgt Ion: 83 Resp: 6316
Ion Ratio Lower Upper
83 100
85 66.7 44.7 83.1

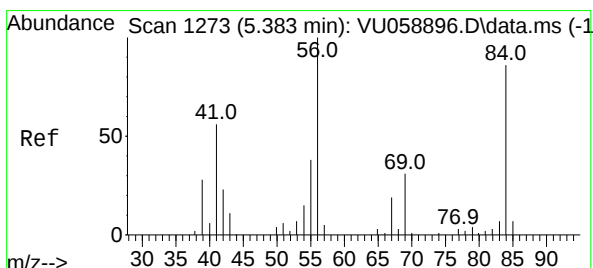
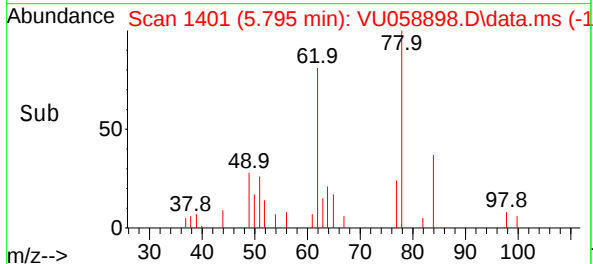
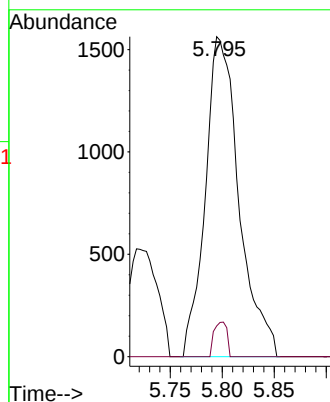
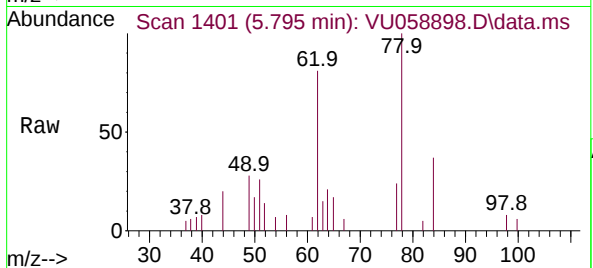




#27
1,2-Dichloroethane
Concen: 0.263 ug/L
RT: 5.795 min Scan# 1401
Delta R.T. 0.006 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

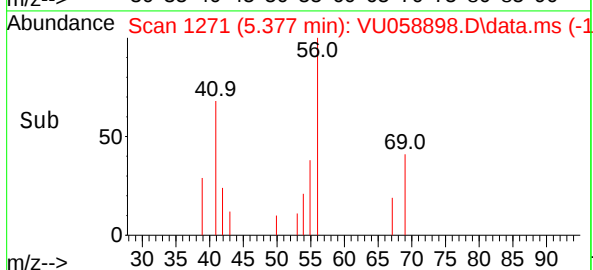
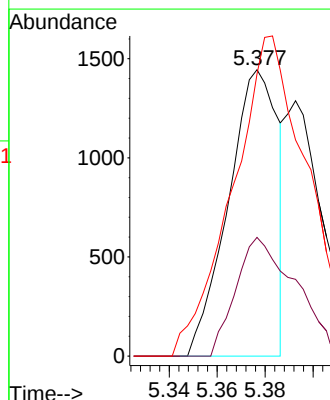
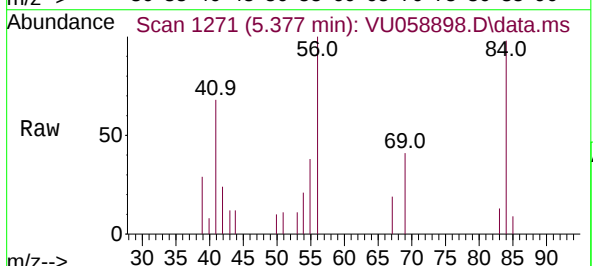
Instrument :
MSVOA_U
ClientSampleId :

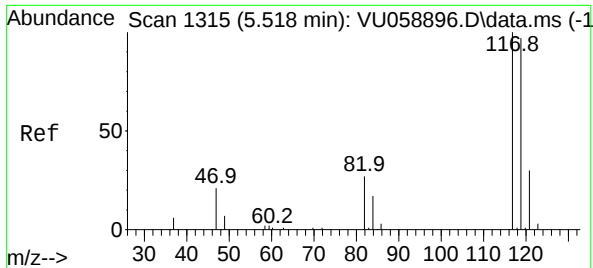
Tgt Ion: 62 Resp: 3529
Ion Ratio Lower Upper
62 100
98 9.6 7.5 11.3



#30
Cyclohexane
Concen: 0.126 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.007 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

Tgt Ion: 56 Resp: 2067
Ion Ratio Lower Upper
56 100
69 49.9 24.8 37.2#
84 177.3 69.8 104.8#

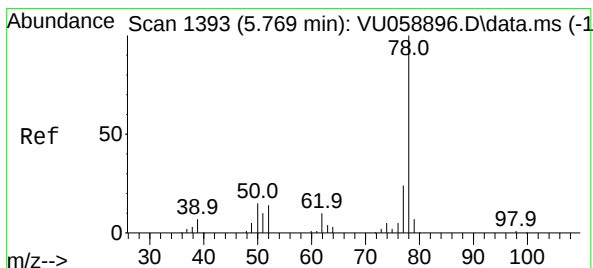
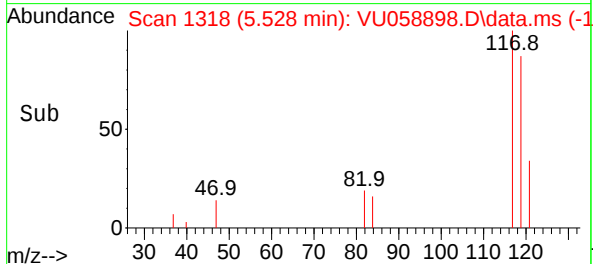
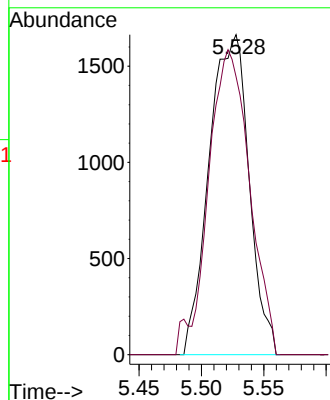
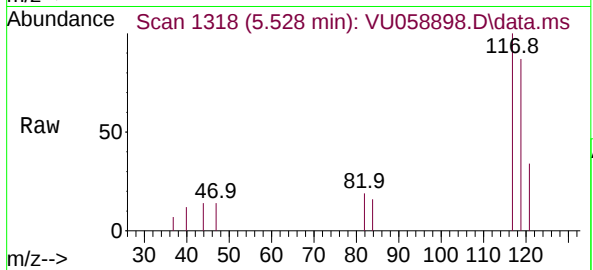




#31
Carbon tetrachloride
Concen: 0.255 ug/L
RT: 5.528 min Scan# 1315
Delta R.T. 0.009 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

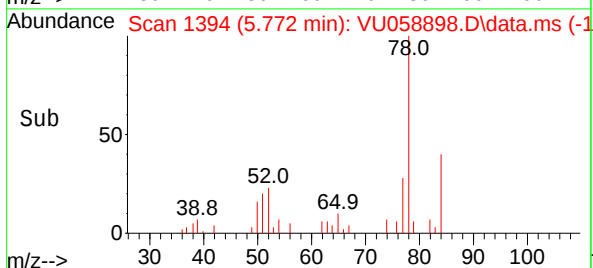
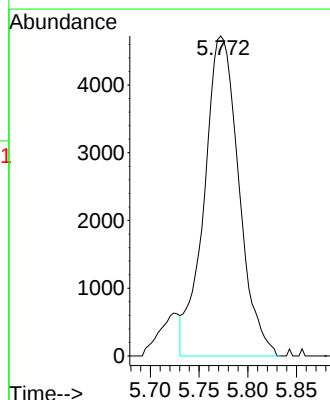
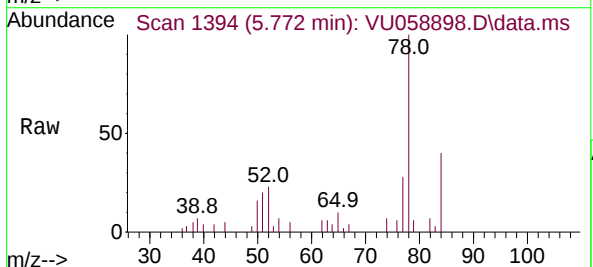
Instrument :
MSVOA_U
ClientSampleId :

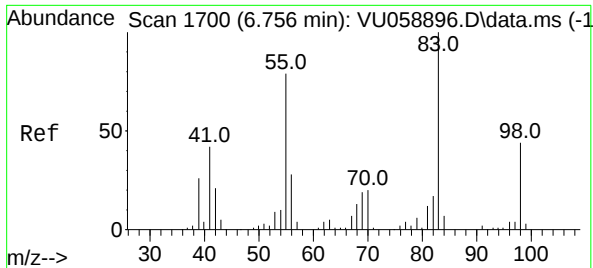
Tgt Ion:117 Resp: 3703
Ion Ratio Lower Upper
117 100
119 95.1 77.5 116.3



#33
Benzene
Concen: 0.256 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.003 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

Tgt Ion: 78 Resp: 11681

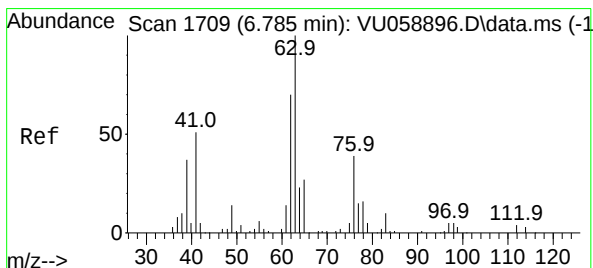
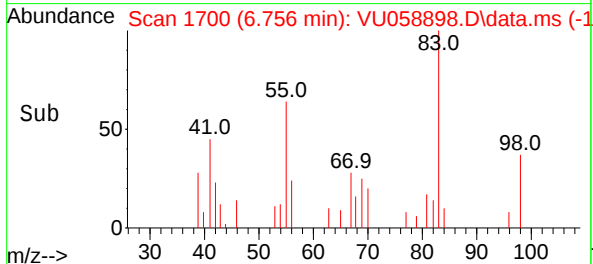
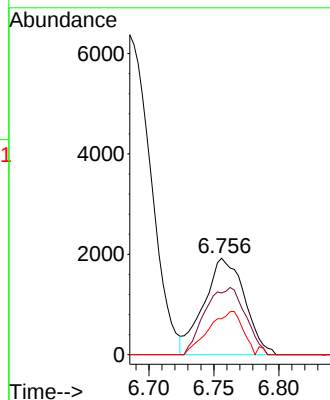
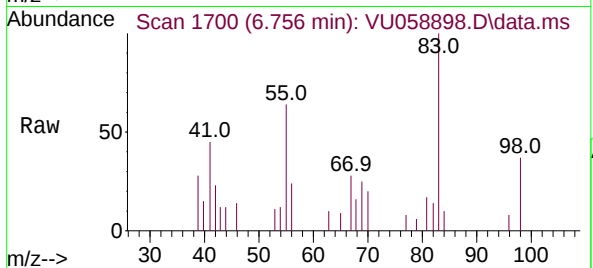




#35
Methylcyclohexane
Concen: 0.242 ug/L
RT: 6.756 min Scan# 1710
Delta R.T. -0.000 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

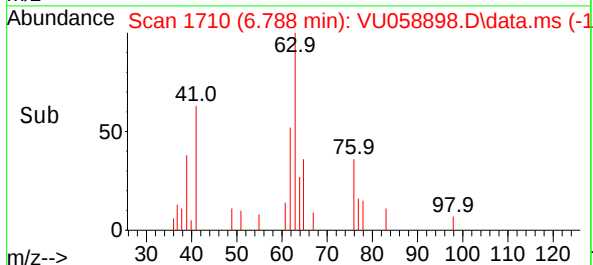
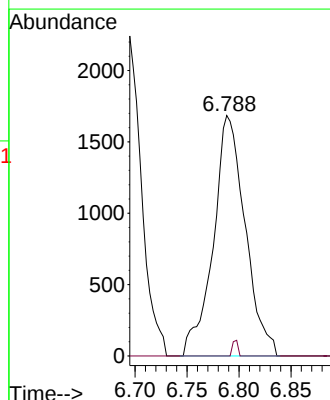
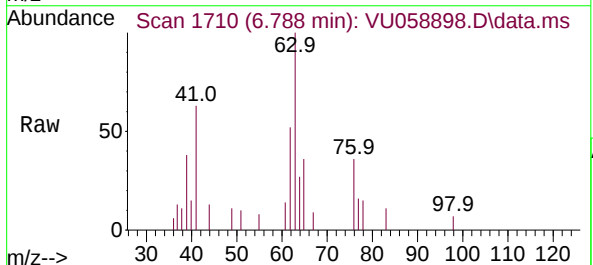
Instrument :
MSVOA_U
ClientSampleId :

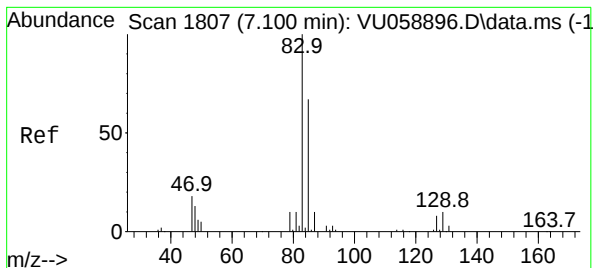
Tgt Ion: 83 Resp: 4180
Ion Ratio Lower Upper
83 100
55 69.4 62.7 94.1
98 37.5 35.4 53.0



#37
1,2-Dichloropropane
Concen: 0.277 ug/L
RT: 6.788 min Scan# 1710
Delta R.T. 0.003 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

Tgt Ion: 63 Resp: 3596
Ion Ratio Lower Upper
63 100
112 1.1 2.6 3.8#





#38

Bromodichloromethane

Concen: 0.265 ug/L

RT: 7.103 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU058898.D

Acq: 15 May 2024 12:27

Instrument :

MSVOA_U

ClientSampleId :

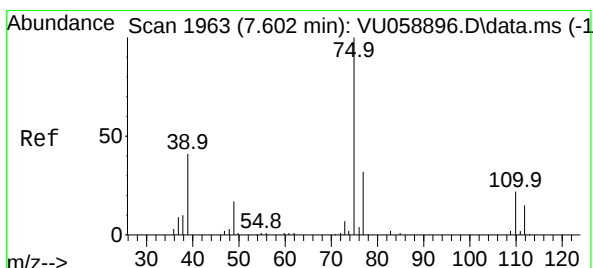
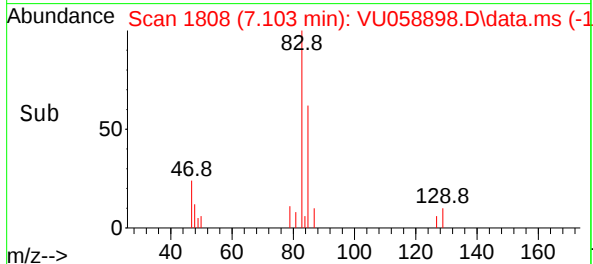
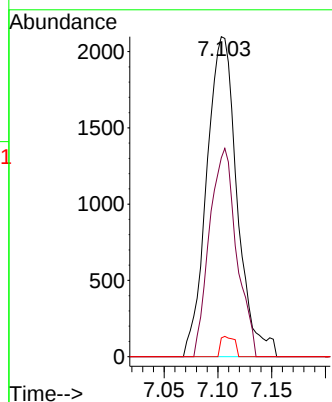
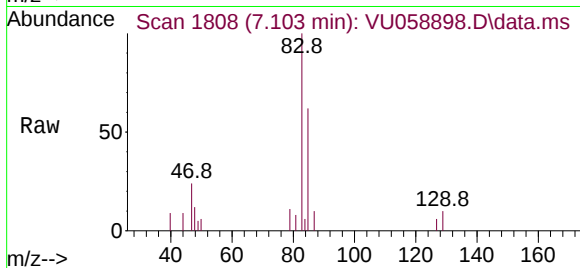
Tgt Ion: 83 Resp: 4129

Ion Ratio Lower Upper

83 100

85 62.2 42.7 79.3

127 5.9 6.1 9.1#



#39

cis-1,3-Dichloropropene

Concen: 0.246 ug/L

RT: 7.608 min Scan# 1965

Delta R.T. 0.006 min

Lab File: VU058898.D

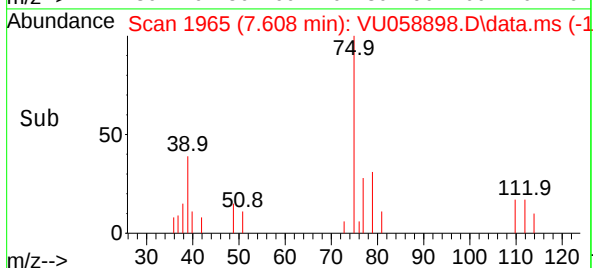
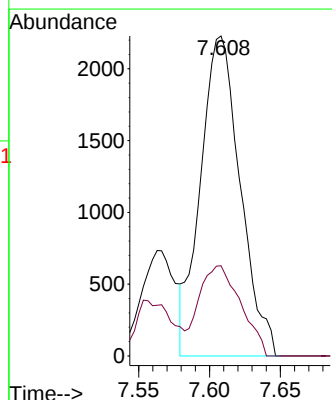
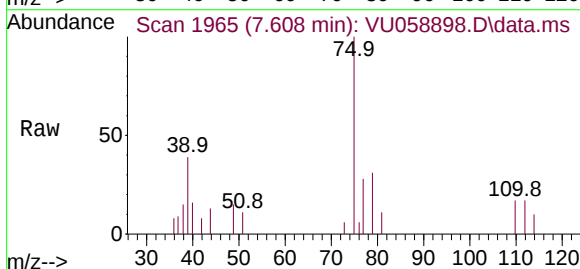
Acq: 15 May 2024 12:27

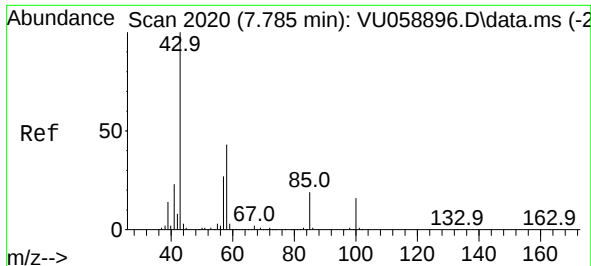
Tgt Ion: 75 Resp: 4354

Ion Ratio Lower Upper

75 100

77 28.2 22.0 40.8

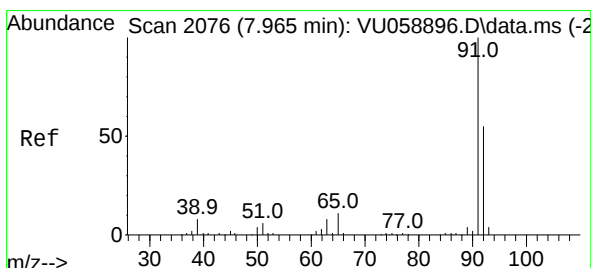
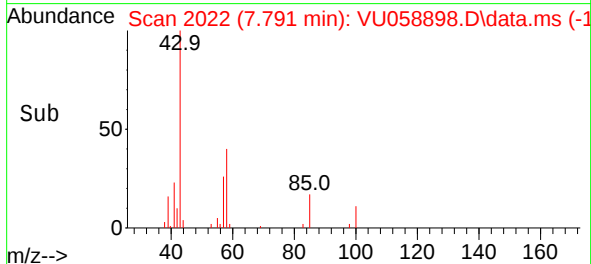
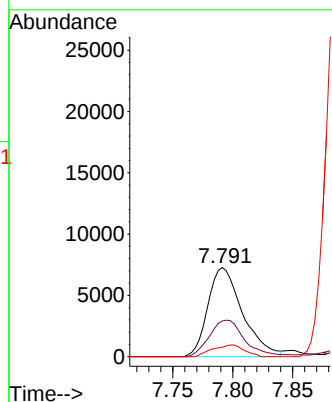
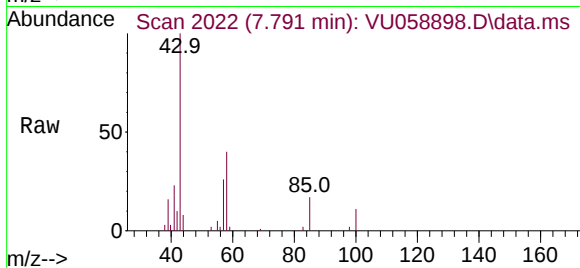




#40
4-Methyl-2-pentanone
Concen: 2.176 ug/L
RT: 7.791 min Scan# 2020
Delta R.T. 0.006 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

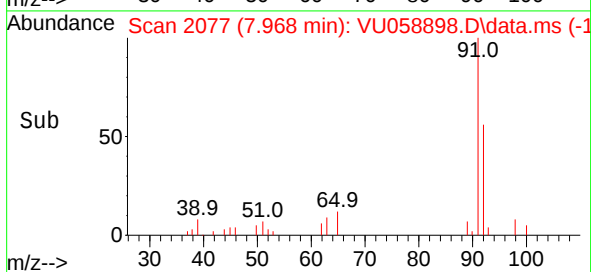
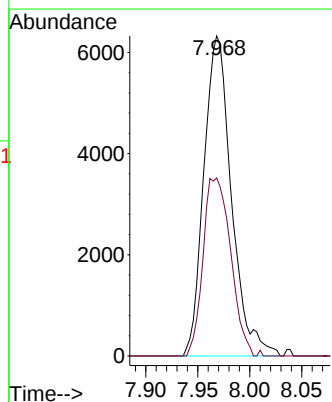
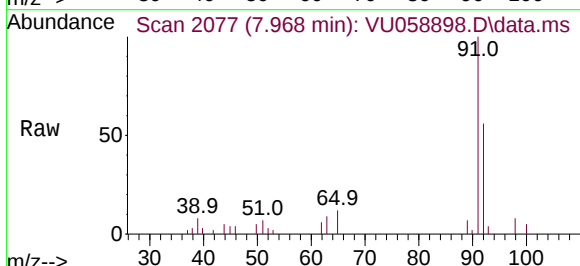
Instrument :
MSVOA_U
ClientSampleId :

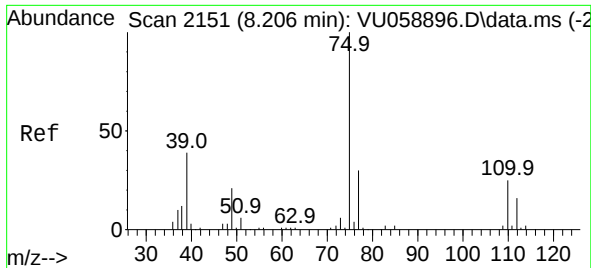
Tgt Ion: 43 Resp: 14597
Ion Ratio Lower Upper
43 100
58 42.7 34.0 51.0
100 0.0 12.1 18.1#



#42
Toluene
Concen: 0.245 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.003 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

Tgt Ion: 91 Resp: 11691
Ion Ratio Lower Upper
91 100
92 55.6 39.7 73.7





#44

trans-1,3-Dichloropropene

Concen: 0.203 ug/L

RT: 8.213 min Scan# 2151

Delta R.T. 0.006 min

Lab File: VU058898.D

Acq: 15 May 2024 12:27

Instrument :

MSVOA_U

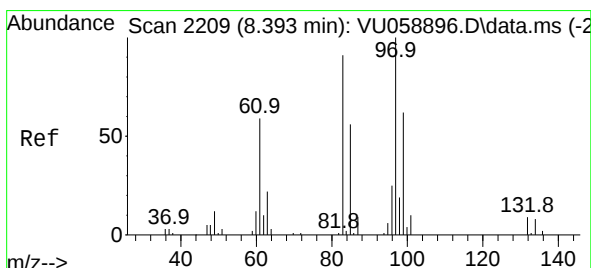
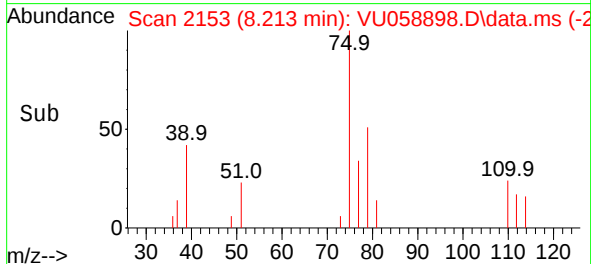
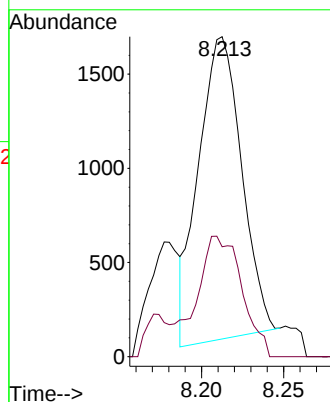
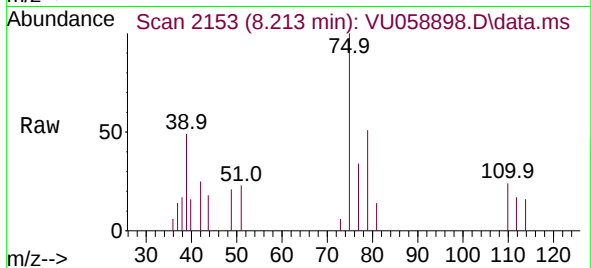
ClientSampleId :

Tgt Ion: 75 Resp: 2927

Ion Ratio Lower Upper

75 100

77 34.4 22.0 41.0



#45

1,1,2-Trichloroethane

Concen: 0.248 ug/L

RT: 8.399 min Scan# 2211

Delta R.T. 0.006 min

Lab File: VU058898.D

Acq: 15 May 2024 12:27

Tgt Ion: 97 Resp: 2263

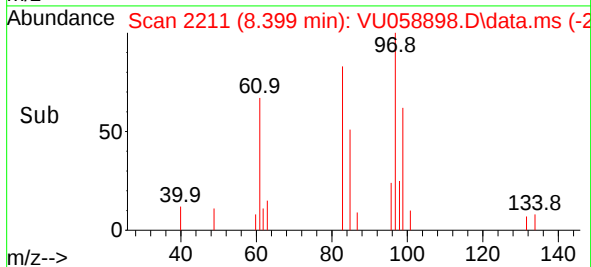
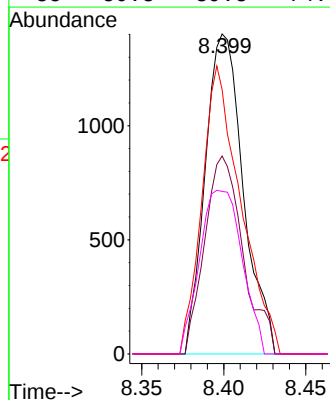
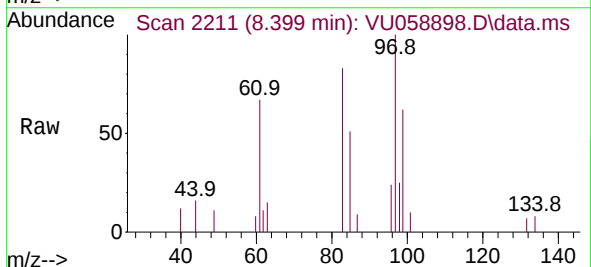
Ion Ratio Lower Upper

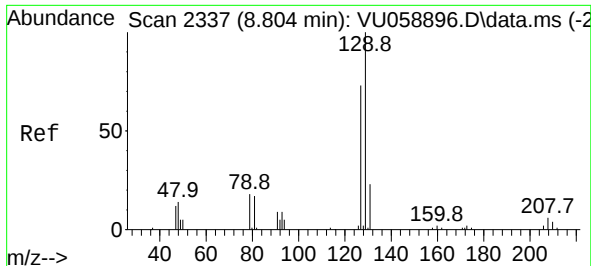
97 100

99 61.8 43.3 80.3

83 82.6 62.3 115.7

85 50.8 39.8 74.0





#49

Dibromochloromethane

Concen: 0.263 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VU058898.D

Acq: 15 May 2024 12:27

Instrument :

MSVOA_U

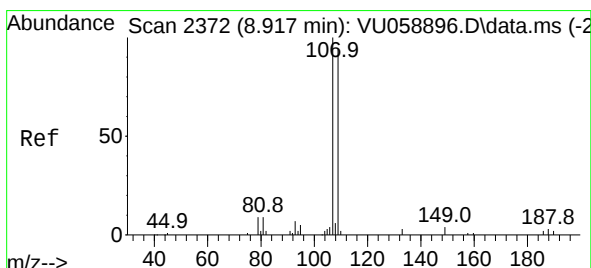
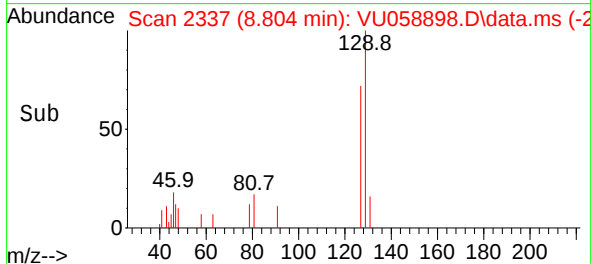
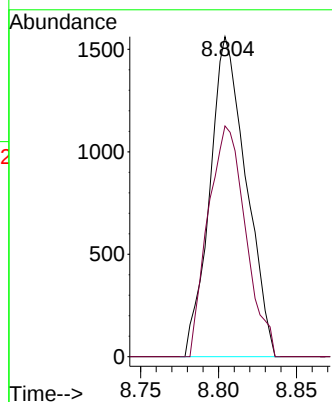
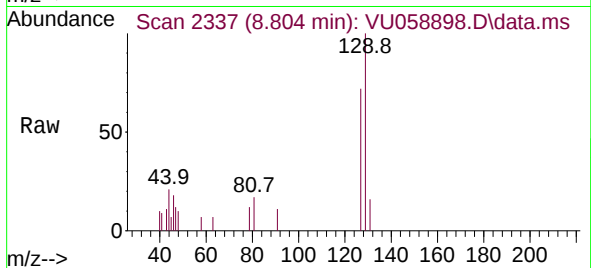
ClientSampleId :

Tgt Ion:129 Resp: 2527

Ion Ratio Lower Upper

129 100

127 72.1 52.5 97.5



#50

1,2-Dibromoethane

Concen: 0.267 ug/L

RT: 8.926 min Scan# 2375

Delta R.T. 0.009 min

Lab File: VU058898.D

Acq: 15 May 2024 12:27

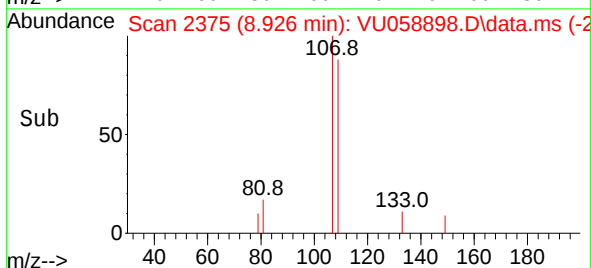
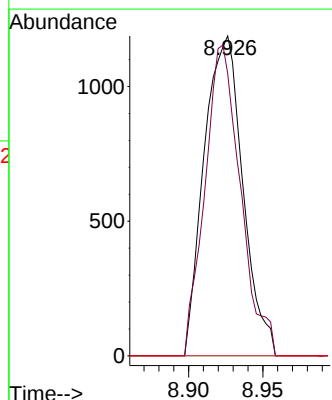
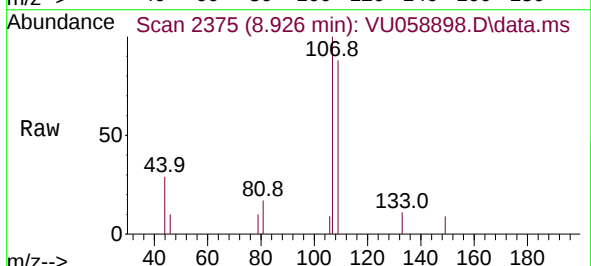
Tgt Ion:107 Resp: 2154

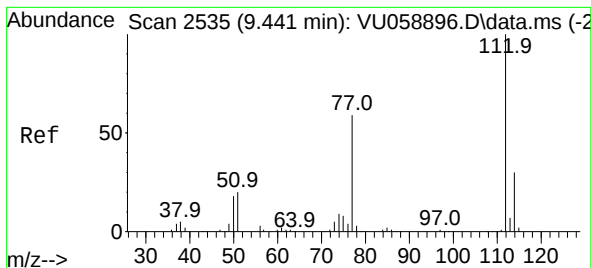
Ion Ratio Lower Upper

107 100

109 88.2 66.9 124.3

188 0.0 2.7 4.1#





#51

Chlorobenzene

Concen: 0.259 ug/L

RT: 9.444 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU058898.D

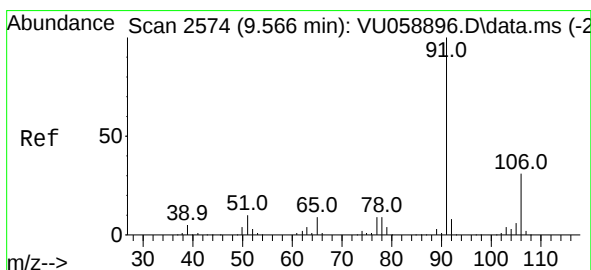
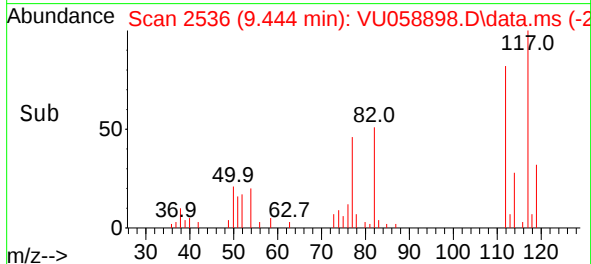
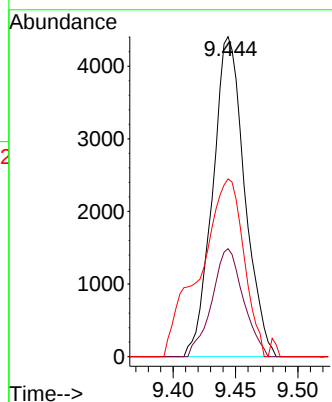
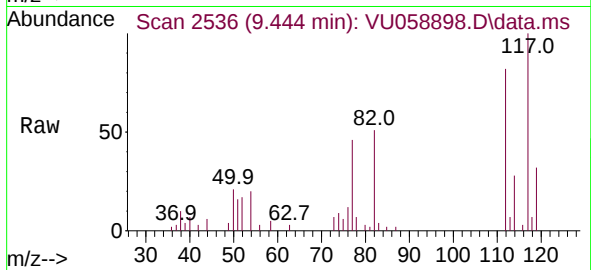
Acq: 15 May 2024 12:27

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	112	Resp:	7860
Ion Ratio	Lower	Upper	
112	100		
114	33.8	22.4	41.6
77	55.5	49.1	73.7



#52

Ethylbenzene

Concen: 0.220 ug/L

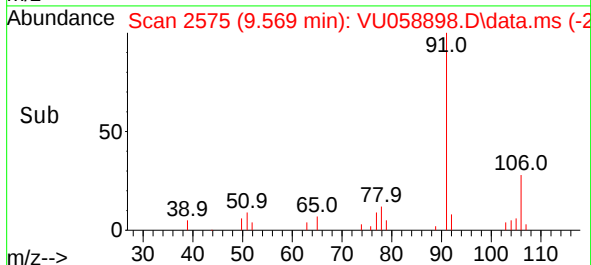
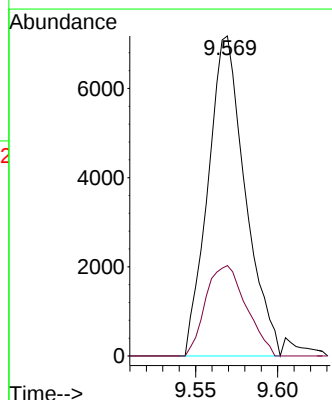
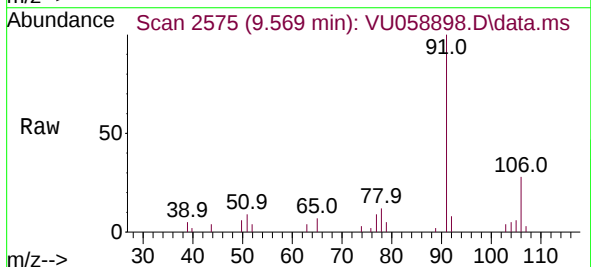
RT: 9.569 min Scan# 2575

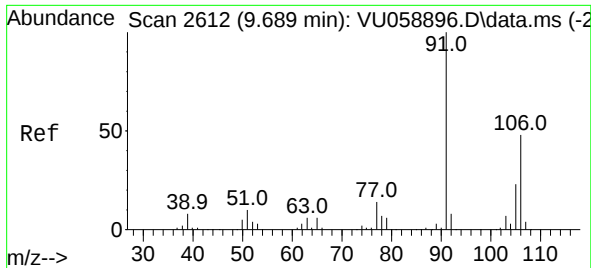
Delta R.T. 0.003 min

Lab File: VU058898.D

Acq: 15 May 2024 12:27

Tgt Ion:	91	Resp:	11303
Ion Ratio	Lower	Upper	
91	100		
106	28.3	20.9	38.7

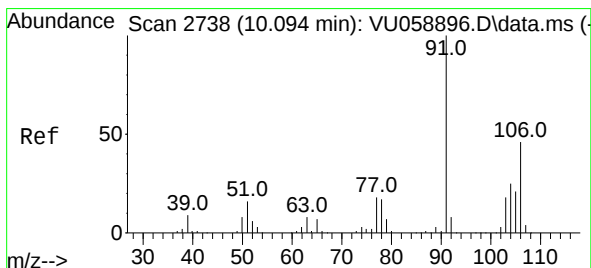
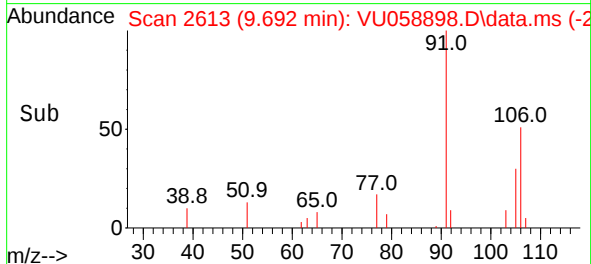
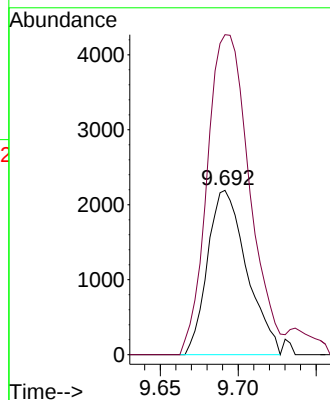
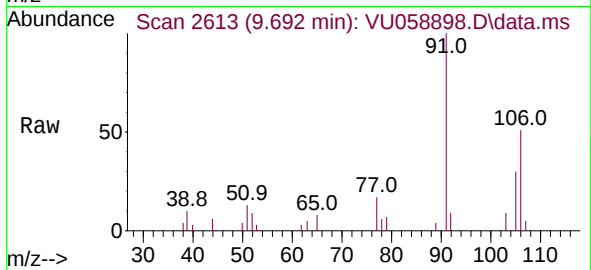




#53
m,p-Xylene
Concen: 0.203 ug/L
RT: 9.692 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

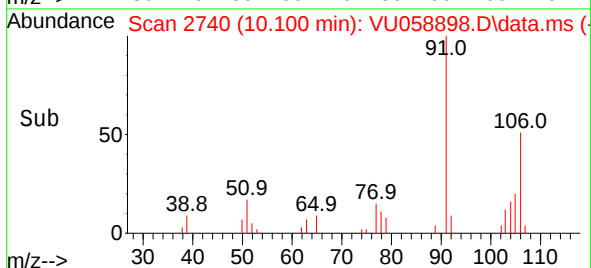
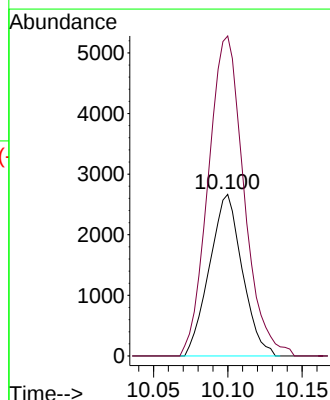
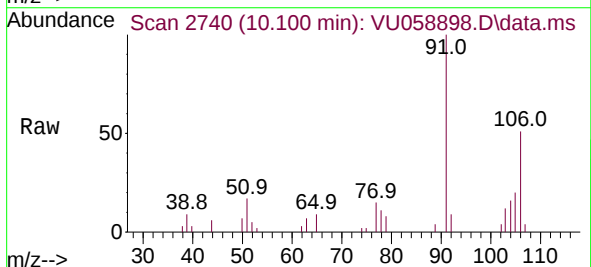
Instrument :
MSVOA_U
ClientSampleId :

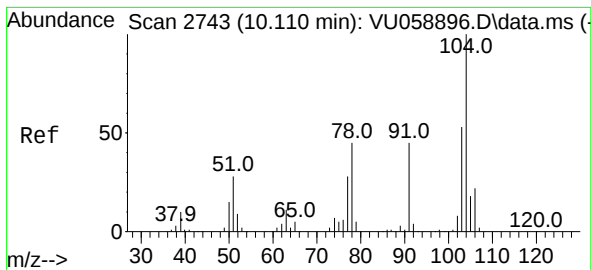
Tgt Ion:106 Resp: 3833
Ion Ratio Lower Upper
106 100
91 194.7 142.0 263.8



#54
o-Xylene
Concen: 0.223 ug/L
RT: 10.100 min Scan# 2740
Delta R.T. 0.006 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

Tgt Ion:106 Resp: 4100
Ion Ratio Lower Upper
106 100
91 197.9 151.6 281.6





#55

Styrene

Concen: 0.191 ug/L

RT: 10.119 min Scan# 21

Delta R.T. 0.009 min

Lab File: VU058898.D

Acq: 15 May 2024 12:27

Instrument :

MSVOA_U

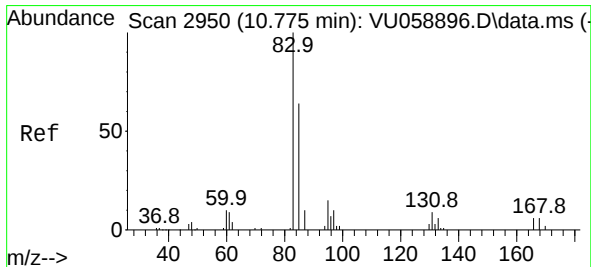
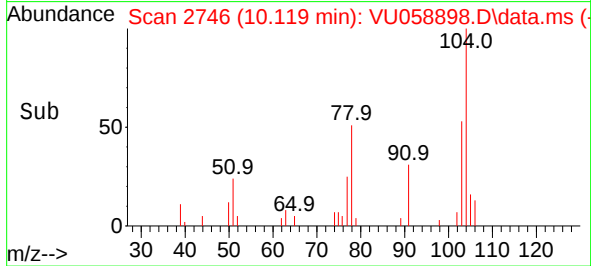
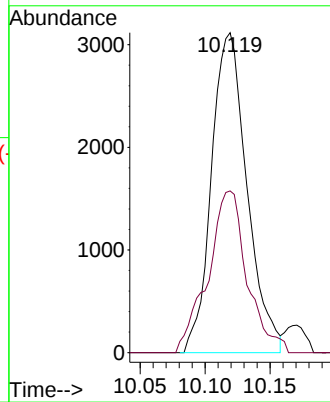
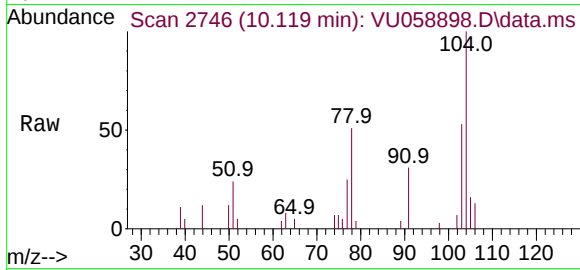
ClientSampleId :

Tgt Ion:104 Resp: 5918

Ion Ratio Lower Upper

104 100

78 50.5 32.3 60.1



#57

1,1,2,2-Tetrachloroethane

Concen: 0.270 ug/L

RT: 10.778 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VU058898.D

Acq: 15 May 2024 12:27

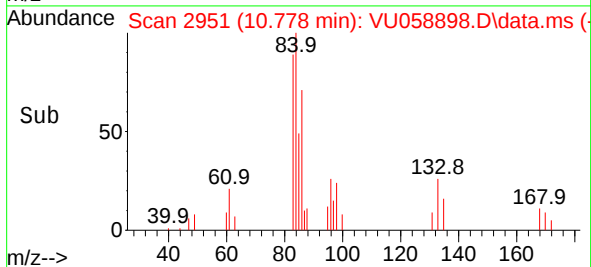
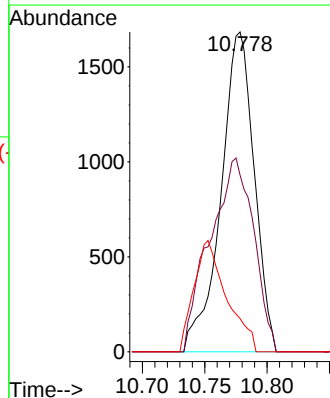
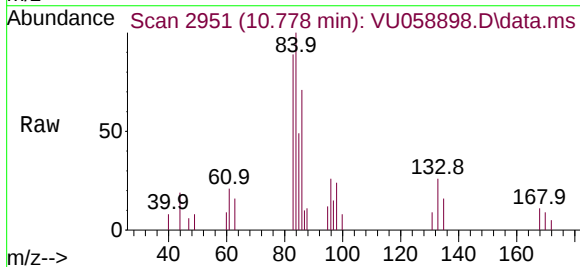
Tgt Ion: 83 Resp: 3126

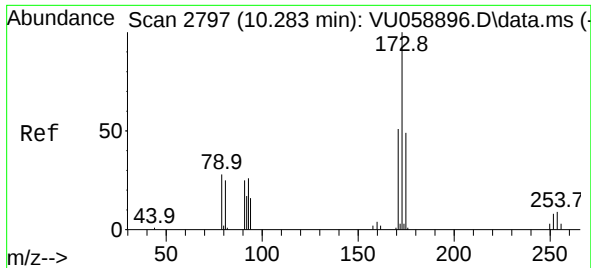
Ion Ratio Lower Upper

83 100

85 55.3 44.7 82.9

131 10.5 6.9 10.3#





#59

Bromoform

Concen: 0.227 ug/L

RT: 10.286 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU058898.D

Acq: 15 May 2024 12:27

Instrument :

MSVOA_U

ClientSampleId :

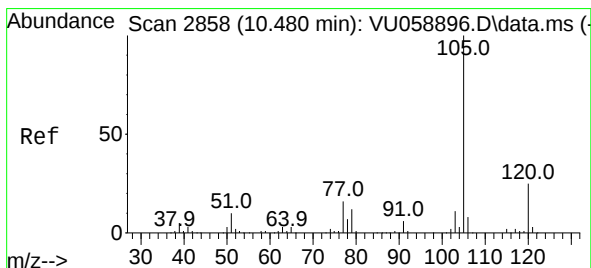
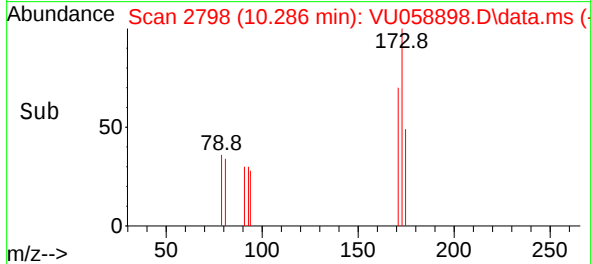
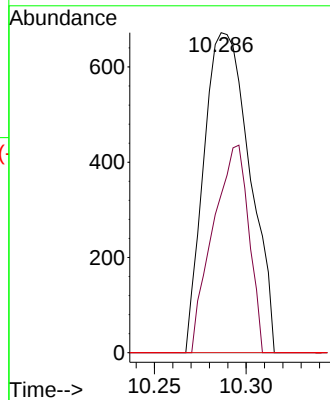
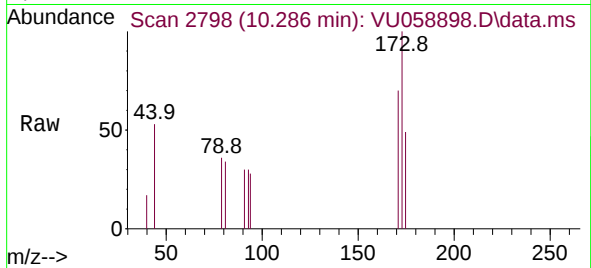
Tgt Ion:173 Resp: 1168

Ion Ratio Lower Upper

173 100

175 50.4 39.4 59.2

254 0.0 7.4 11.2#



#60

Isopropylbenzene

Concen: 0.237 ug/L

RT: 10.483 min Scan# 2859

Delta R.T. 0.003 min

Lab File: VU058898.D

Acq: 15 May 2024 12:27

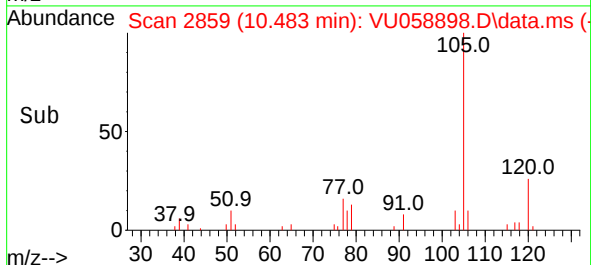
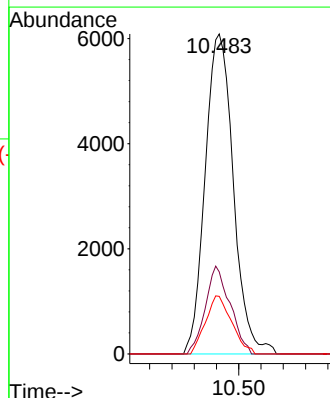
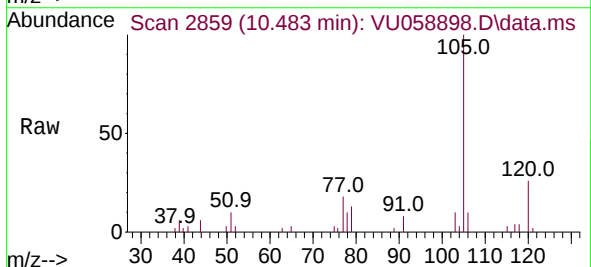
Tgt Ion:105 Resp: 10697

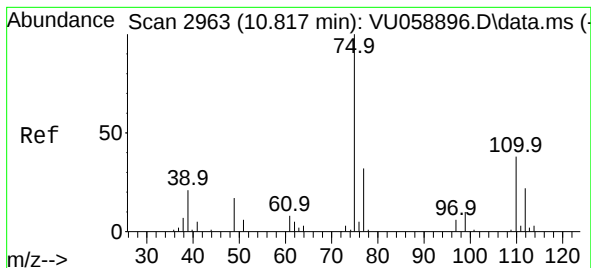
Ion Ratio Lower Upper

105 100

120 24.1 20.6 31.0

77 16.8 12.8 19.2





#61

1,2,3-Trichloropropane

Concen: 0.286 ug/L

RT: 10.820 min Scan# 2964

Delta R.T. 0.003 min

Lab File: VU058898.D

Acq: 15 May 2024 12:27

Instrument :

MSVOA_U

ClientSampleId :

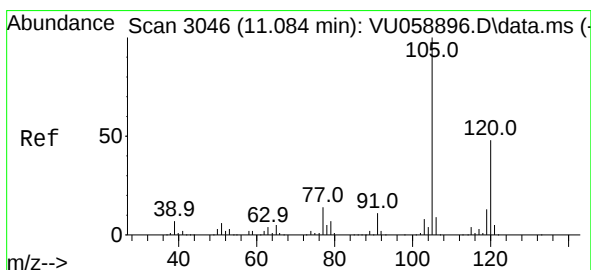
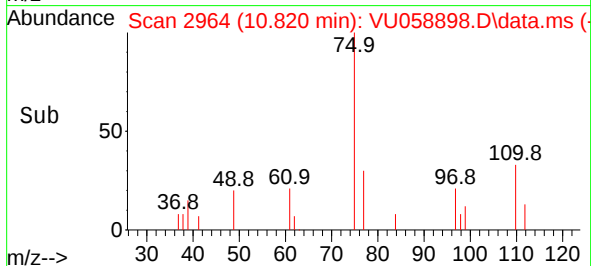
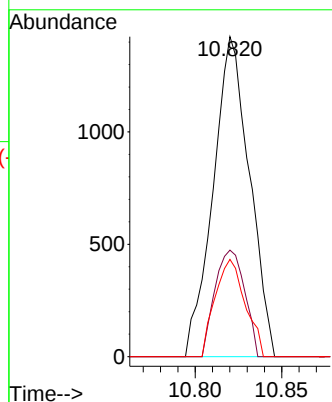
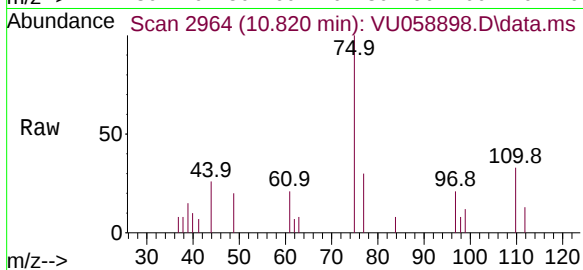
Tgt Ion: 75 Resp: 2078

Ion Ratio Lower Upper

75 100

110 27.1 27.1 40.7

77 25.1 25.4 38.2#



#62

1,3,5-Trimethylbenzene

Concen: 0.220 ug/L

RT: 11.087 min Scan# 3047

Delta R.T. 0.003 min

Lab File: VU058898.D

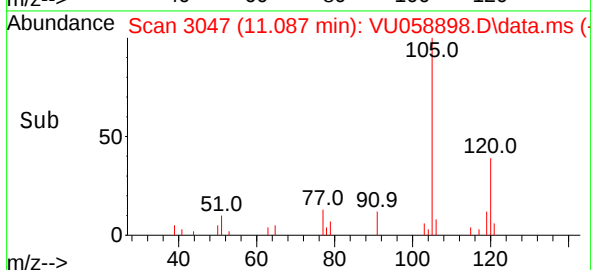
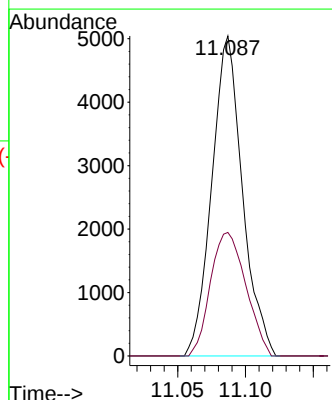
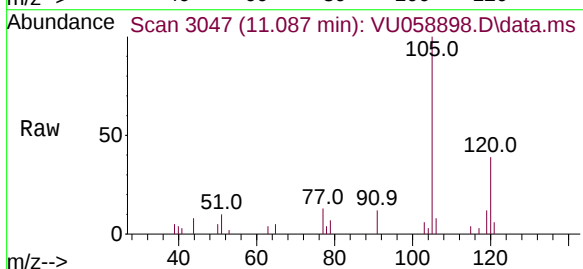
Acq: 15 May 2024 12:27

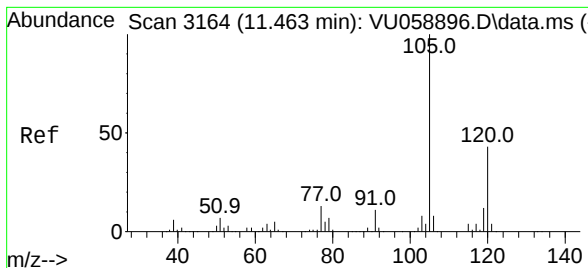
Tgt Ion:105 Resp: 7928

Ion Ratio Lower Upper

105 100

120 44.5 38.2 57.4





#63

1,2,4-Trimethylbenzene

Concen: 0.200 ug/L

RT: 11.466 min Scan# 3165

Delta R.T. 0.003 min

Lab File: VU058898.D

Acq: 15 May 2024 12:27

Instrument :

MSVOA_U

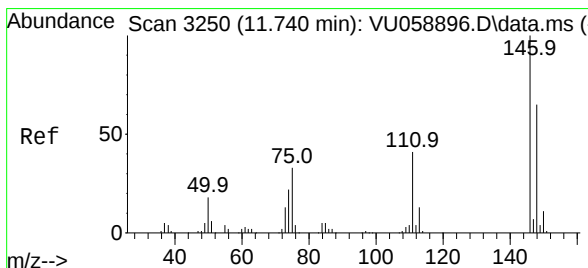
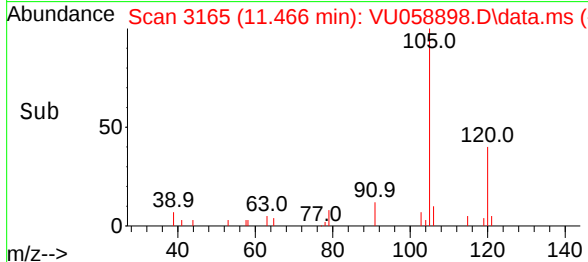
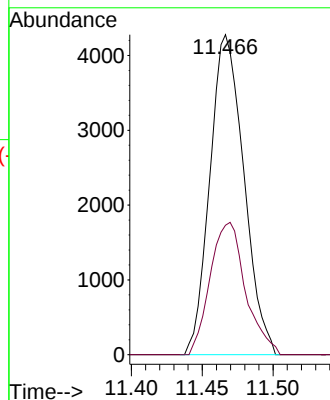
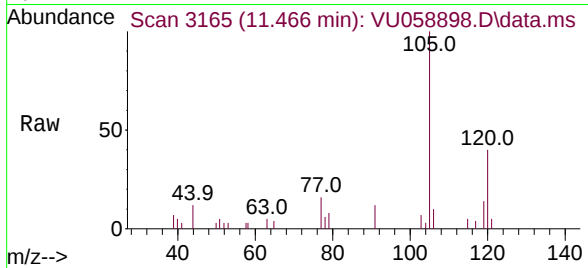
ClientSampleId :

Tgt Ion:105 Resp: 7134

Ion Ratio Lower Upper

105 100

120 43.1 35.4 53.0



#64

1,3-Dichlorobenzene

Concen: 0.240 ug/L

RT: 11.746 min Scan# 3252

Delta R.T. 0.006 min

Lab File: VU058898.D

Acq: 15 May 2024 12:27

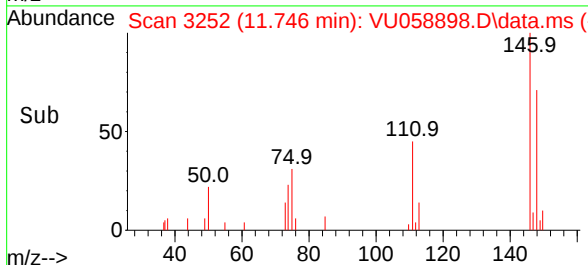
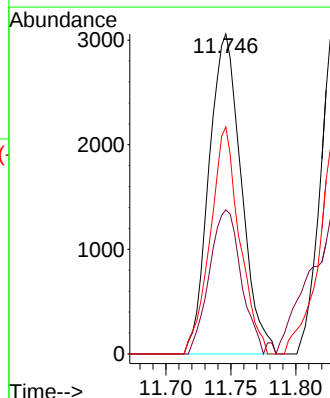
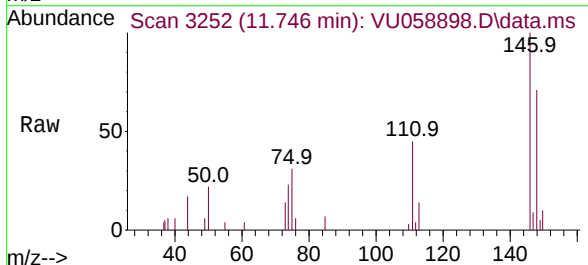
Tgt Ion:146 Resp: 5279

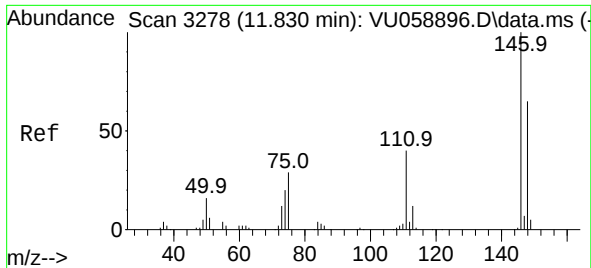
Ion Ratio Lower Upper

146 100

111 45.0 27.4 51.0

148 71.0 45.0 83.6





#65

1,4-Dichlorobenzene

Concen: 0.276 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. 0.003 min

Lab File: VU058898.D

Acq: 15 May 2024 12:27

Instrument :

MSVOA_U

ClientSampleId :

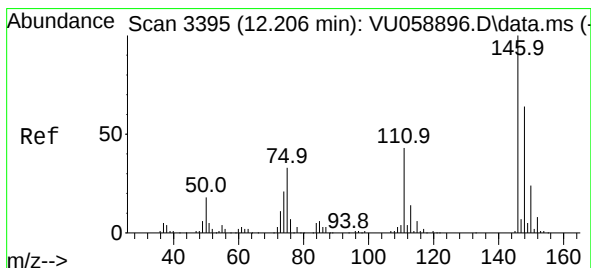
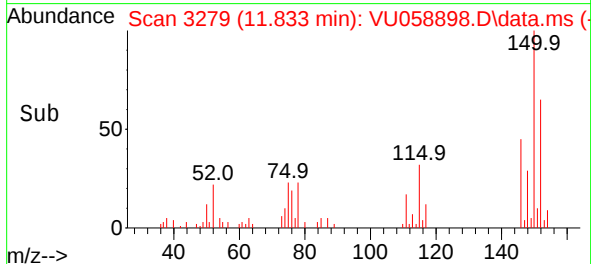
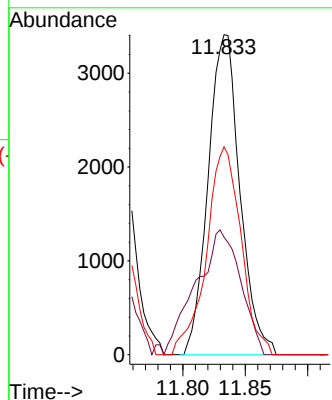
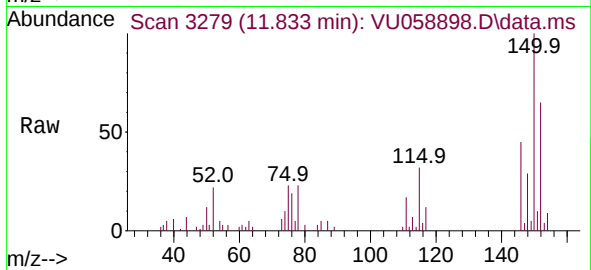
Tgt Ion:146 Resp: 6047

Ion Ratio Lower Upper

146 100

111 36.7 26.9 50.1

148 64.9 45.3 84.1



#67

1,2-Dichlorobenzene

Concen: 0.256 ug/L

RT: 12.209 min Scan# 3396

Delta R.T. 0.003 min

Lab File: VU058898.D

Acq: 15 May 2024 12:27

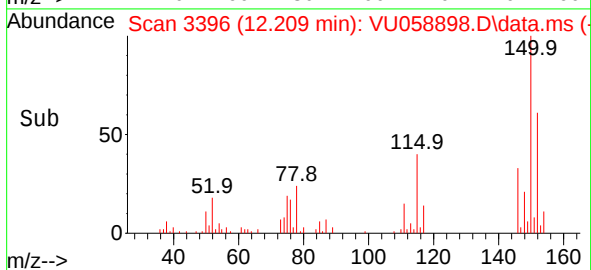
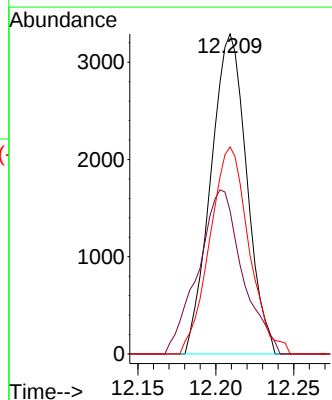
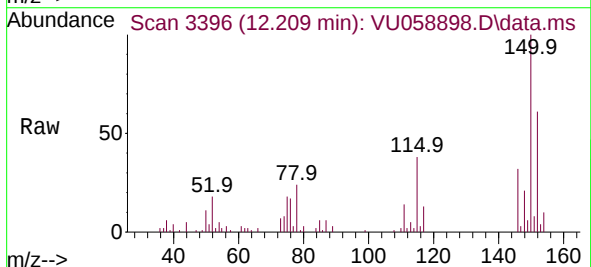
Tgt Ion:146 Resp: 5260

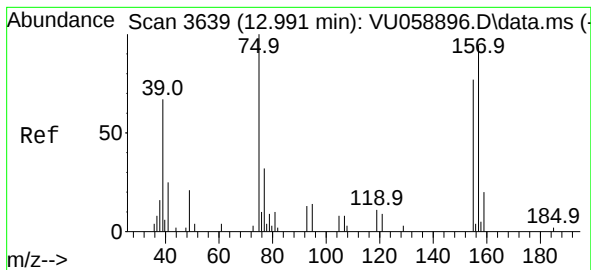
Ion Ratio Lower Upper

146 100

111 44.6 33.4 50.0

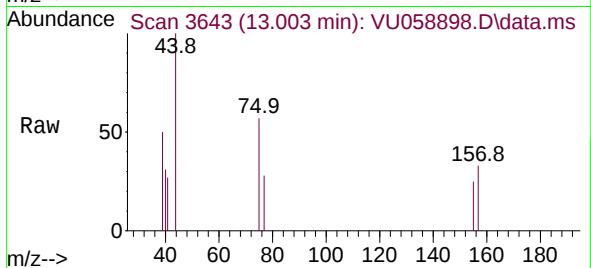
148 64.7 49.7 74.5



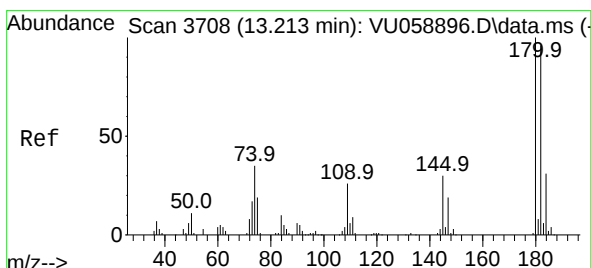
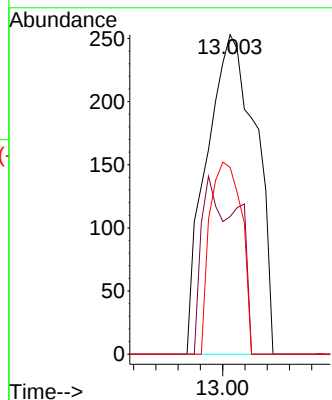
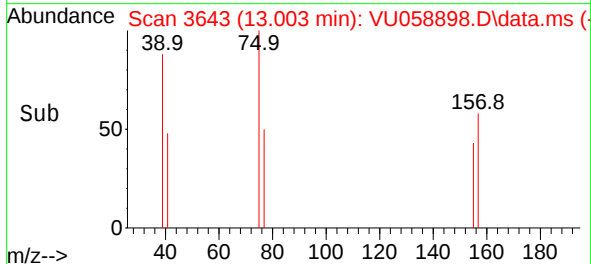


#68
1,2-Dibromo-3-chloropropane
Concen: 0.266 ug/L
RT: 13.003 min Scan# 3643
Delta R.T. 0.013 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27

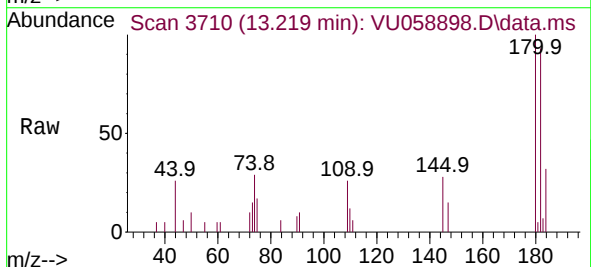
Instrument :
MSVOA_U
ClientSampleId :



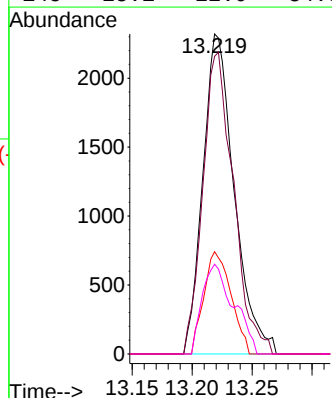
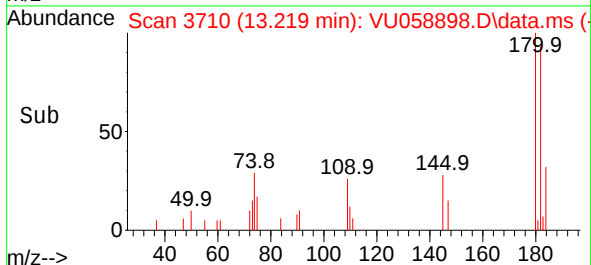
Tgt Ion: 75 Resp: 389
Ion Ratio Lower Upper
75 100
155 43.1 58.2 87.2#
157 58.5 80.0 120.0#

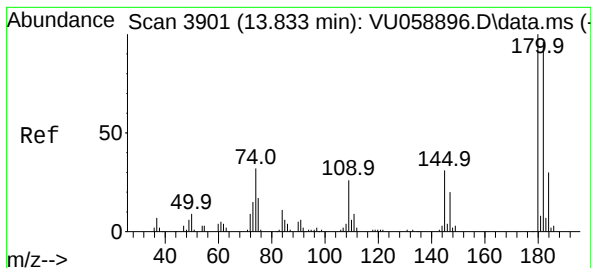


#69
1,3,5-Trichlorobenzene
Concen: 0.256 ug/L
RT: 13.219 min Scan# 3710
Delta R.T. 0.006 min
Lab File: VU058898.D
Acq: 15 May 2024 12:27



Tgt Ion: 180 Resp: 4214
Ion Ratio Lower Upper
180 100
182 92.3 75.4 113.0
184 27.7 23.0 34.6
145 28.1 22.9 34.3





#70

1,2,4-trichlorobenzene

Concen: 0.243 ug/L

RT: 13.846 min Scan# 3905

Delta R.T. 0.013 min

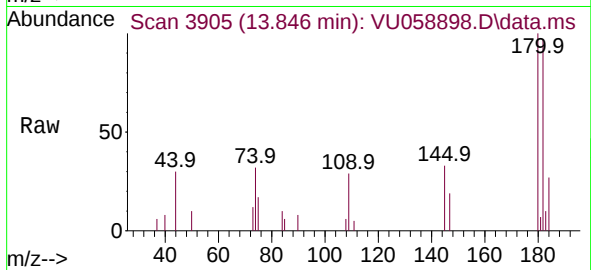
Lab File: VU058898.D

Acq: 15 May 2024 12:27

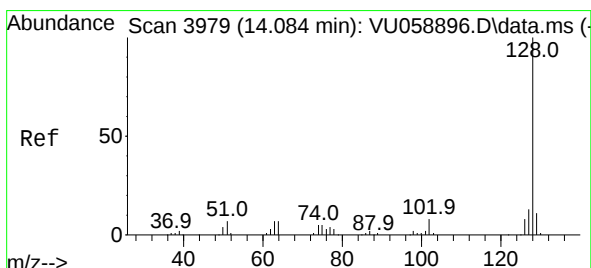
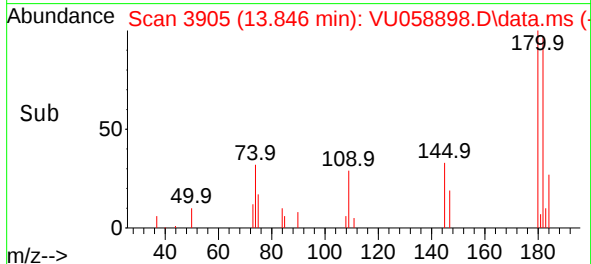
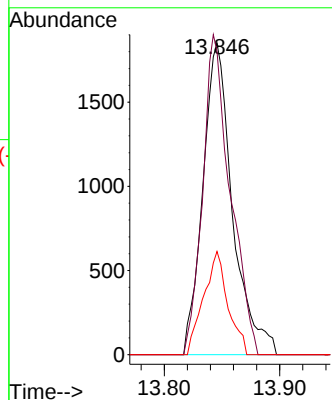
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	180	Resp:	3303
Ion Ratio	Lower	Upper	
180	100		
182	95.2	74.9	112.3
145	27.1	23.9	35.9



#71

Naphthalene

Concen: 0.203 ug/L

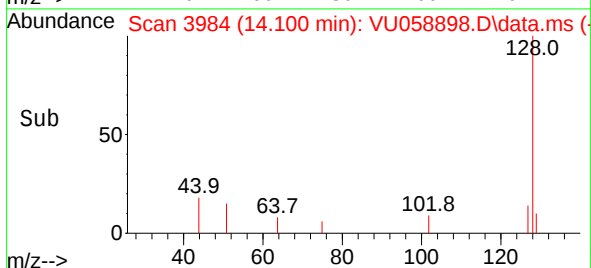
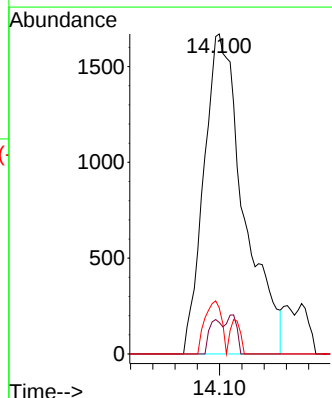
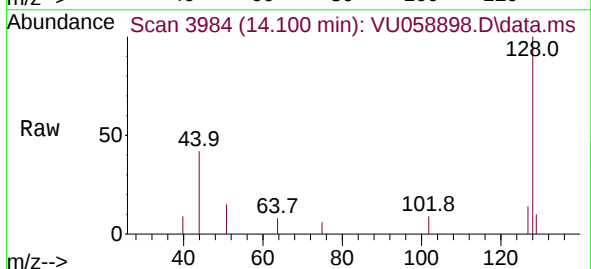
RT: 14.100 min Scan# 3984

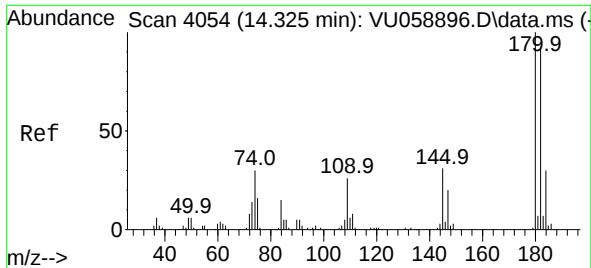
Delta R.T. 0.016 min

Lab File: VU058898.D

Acq: 15 May 2024 12:27

Tgt Ion:	128	Resp:	4148
Ion Ratio	Lower	Upper	
128	100		
129	3.6	8.2	12.4#
127	6.9	10.2	15.4#





#72

1,2,3-Trichlorobenzene

Concen: 0.246 ug/L

RT: 14.328 min Scan# 4054

Delta R.T. 0.003 min

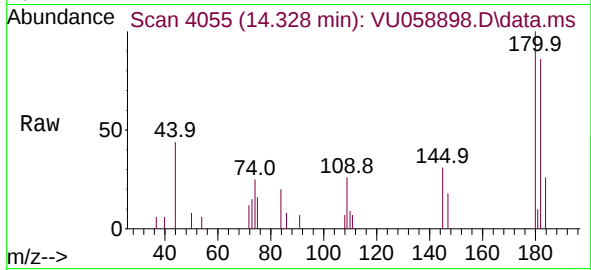
Lab File: VU058898.D

Acq: 15 May 2024 12:27

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 2935

Ion Ratio Lower Upper

180 100

182 99.8 77.0 115.6

145 29.9 26.2 39.4

