

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052524\
 Data File : VU058993.D
 Acq On : 25 May 2024 12:54
 Operator : MD/SY
 Sample : P2409-05
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 27 04:12:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 27 04:10:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	124719	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	124549	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	54920	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	60107	45.567	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.140%
7) Chloroethane-d5	1.875	69	56026	51.106	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.220%
11) 1,1-Dichloroethene-d2	2.550	63	79363	39.380	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.760%
21) 2-Butanone-d5	4.611	46	113377	125.129	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	125.130%
24) Chloroform-d	5.049	84	112956	49.924	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.840%
26) 1,2-Dichloroethane-d4	5.692	65	75840	54.808	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.620%
32) Benzene-d6	5.717	84	226283	53.291	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.580%
36) 1,2-Dichloropropane-d6	6.679	67	76310	54.411	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.820%
41) Toluene-d8	7.891	98	184434	48.459	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.920%
43) trans-1,3-Dichloroprop...	8.174	79	31416	49.886	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.780%
47) 2-Hexanone-d5	8.627	63	68525	118.137	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.140%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	120937	57.319	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	114.640%
66) 1,2-Dichlorobenzene-d4	12.187	152	62615	55.255	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	2104	2.521	ug/L	96
3) Chloromethane	1.515	50	3336	3.731	ug/L	89
5) Vinyl chloride	1.599	62	2995	2.868	ug/L #	72
6) Bromomethane	1.824	94	2957	4.778	ug/L	86
8) Chloroethane	1.898	64	2311	3.227	ug/L	94
9) Trichlorofluoromethane	2.116	101	4149	2.922	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.563	101	3190	3.304	ug/L #	83
12) 1,1-Dichloroethene	2.563	96	2565	3.320	ug/L #	1
13) Acetone	2.621	43	5654	7.077	ug/L	98
14) Carbon disulfide	2.779	76	4730	3.254	ug/L	97
16) Methylene chloride	3.033	84	4641	3.766	ug/L	96
18) Methyl tert-butyl Ether	3.348	73	8935	2.908	ug/L	97
19) 1,1-Dichloroethane	3.849	63	3004	1.519	ug/L	92
20) cis-1,2-Dichloroethene	4.656	96	2977	2.898	ug/L	87
23) Bromochloromethane	4.968	128	1074	2.005	ug/L	90
27) 1,2-Dichloroethane	5.788	62	4968	3.118	ug/L	97
29) Cyclohexane	5.373	56	3005	2.835	ug/L #	86
30) 1,1,1-Trichloroethane	5.309	97	4212	2.818	ug/L	96
34) Trichloroethene	6.537	95	2991	3.010	ug/L	90

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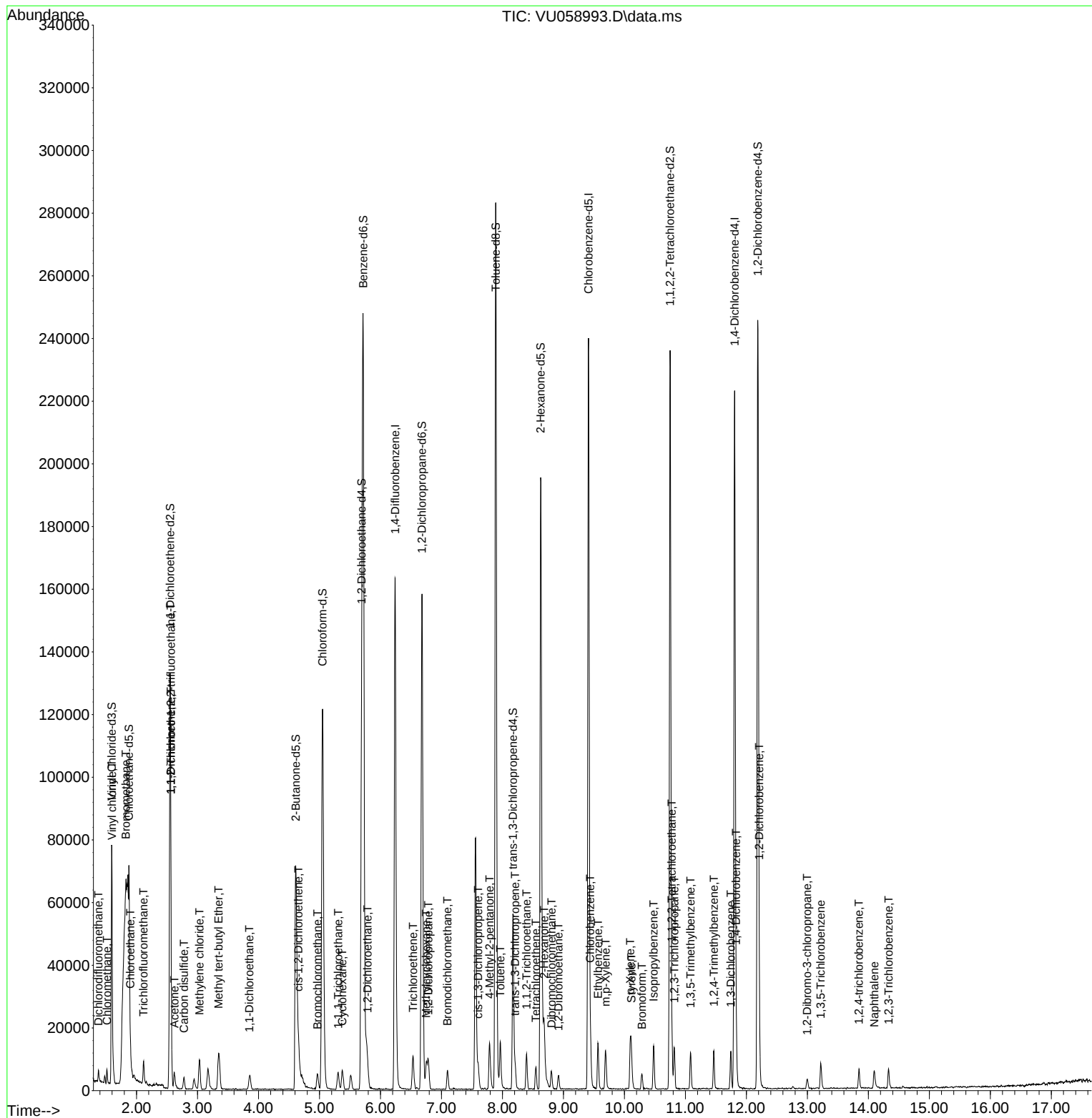
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) Methylcyclohexane	6.750	83	3293	2.827	ug/L	93
37) 1,2-Dichloropropane	6.785	63	3686	3.029	ug/L #	91
38) Bromodichloromethane	7.100	83	4158	2.749	ug/L #	97
39) cis-1,3-Dichloropropene	7.602	75	4665	2.783	ug/L	90
40) 4-Methyl-2-pentanone	7.788	43	11689	6.738	ug/L	91
42) Toluene	7.965	91	10603	2.642	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	4415	2.782	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	3284	2.733	ug/L	96
46) Tetrachloroethene	8.550	164	1564	2.360	ug/L	94
48) 2-Hexanone	8.685	43	11173	7.822	ug/L	99
49) Dibromochloromethane	8.804	129	3126	2.723	ug/L	78
50) 1,2-Dibromoethane	8.920	107	3331	2.902	ug/L #	99
51) Chlorobenzene	9.441	112	7075	2.667	ug/L	94
52) Ethylbenzene	9.566	91	10674	2.457	ug/L	92
53) m,p-Xylene	9.692	106	3643	2.335	ug/L	95
54) o-Xylene	10.097	106	3725	2.385	ug/L	77
55) Styrene	10.116	104	5801	2.080	ug/L	87
57) 1,1,2,2-Tetrachloroethane	10.775	83	7553	3.489	ug/L	93
59) Bromoform	10.286	173	2065	2.837	ug/L #	94
60) 1,2,3-Trichloropropane	10.817	75	5695	4.075	ug/L	96
61) Isopropylbenzene	10.479	105	9214	2.627	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	6810	2.465	ug/L	97
63) 1,2,4-Trimethylbenzene	11.466	105	6365	2.284	ug/L	96
64) 1,3-Dichlorobenzene	11.746	146	4780	2.625	ug/L	86
65) 1,4-Dichlorobenzene	11.833	146	5342	2.905	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	5731	3.095	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.994	75	1267	3.351	ug/L	91
69) 1,3,5-Trichlorobenzene	13.219	180	3239	2.526	ug/L	89
70) 1,2,4-trichlorobenzene	13.846	180	2154	1.950	ug/L #	91
71) Naphthalene	14.100	128	6609	2.051	ug/L #	81
72) 1,2,3-Trichlorobenzene	14.331	180	2386	2.109	ug/L #	84

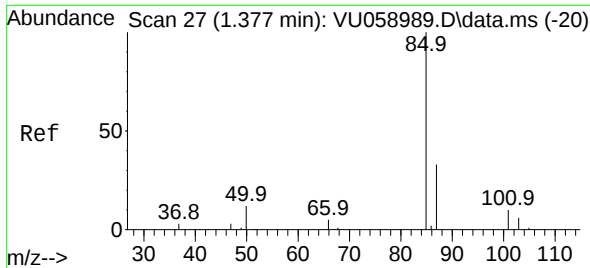
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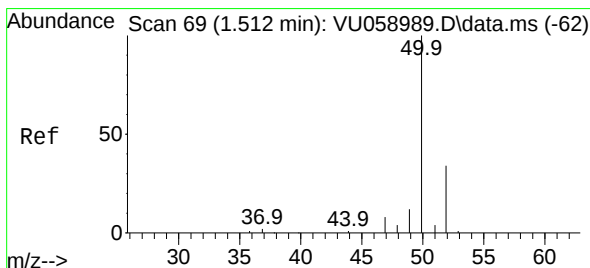
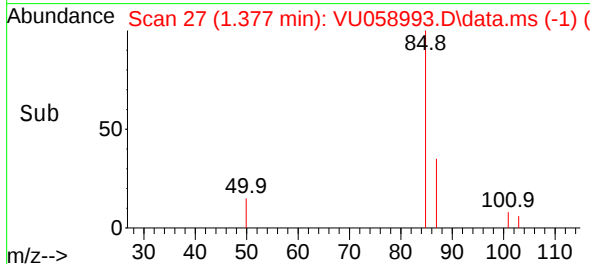
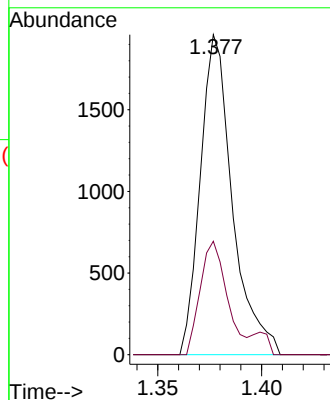
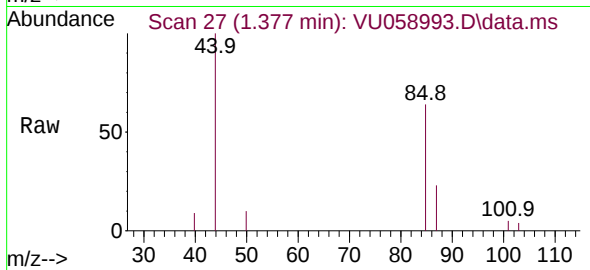




#2
 Dichlorodifluoromethane
 Concen: 2.521 ug/L
 RT: 1.377 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU058993.D
 Acq: 25 May 2024 12:54

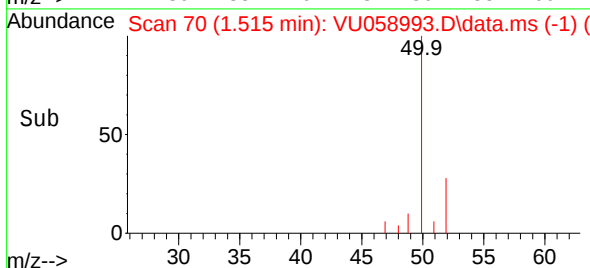
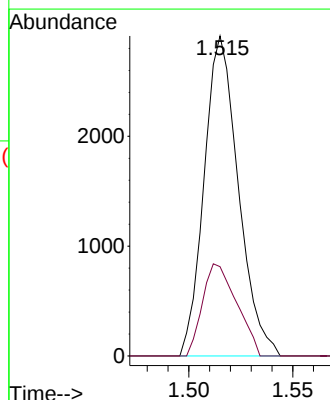
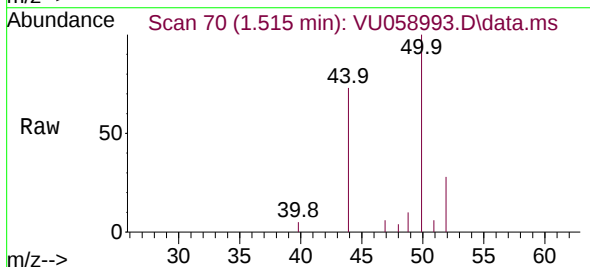
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 MSVOA_U
 ClientSampleId :

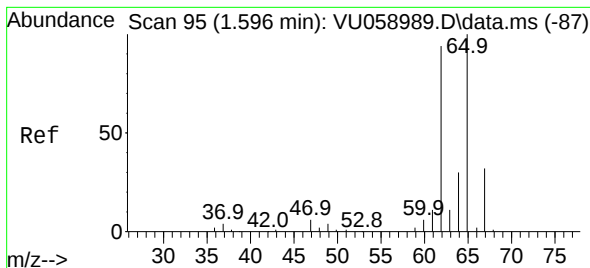
Tgt Ion: 85 Resp: 2104
 Ion Ratio Lower Upper
 85 100
 87 29.8 25.7 38.5



#3
 Chloromethane
 Concen: 3.731 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.003 min
 Lab File: VU058993.D
 Acq: 25 May 2024 12:54

Tgt Ion: 50 Resp: 3336
 Ion Ratio Lower Upper
 50 100
 52 27.9 23.9 44.3





#5

Vinyl chloride

Concen: 2.868 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.003 min

Lab File: VU058993.D

Acq: 25 May 2024 12:54

Instrument :

MSVOA_U

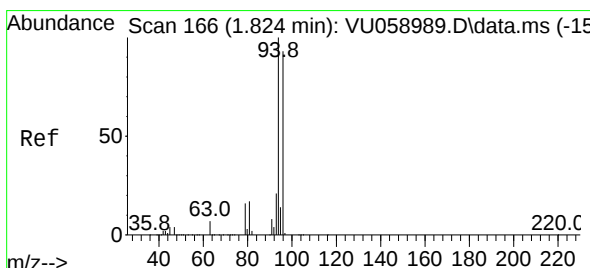
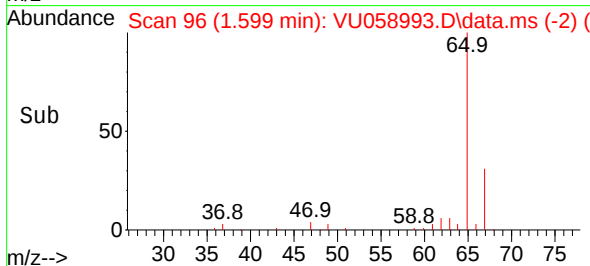
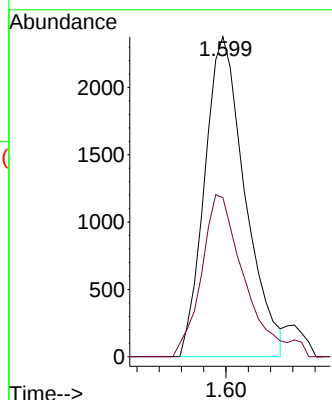
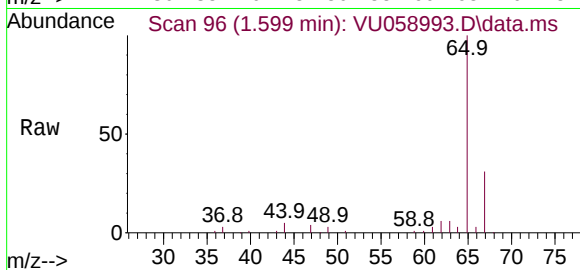
ClientSampleId :

Tgt Ion: 62 Resp: 2995

Ion Ratio Lower Upper

62 100

64 49.7 23.7 43.9#



#6

Bromomethane

Concen: 4.778 ug/L

RT: 1.824 min Scan# 166

Delta R.T. -0.000 min

Lab File: VU058993.D

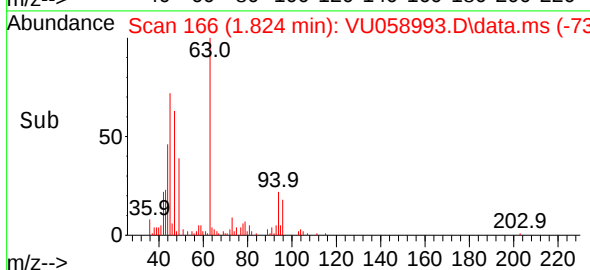
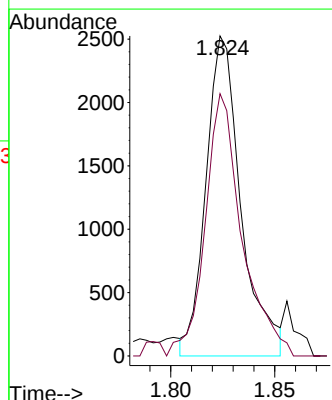
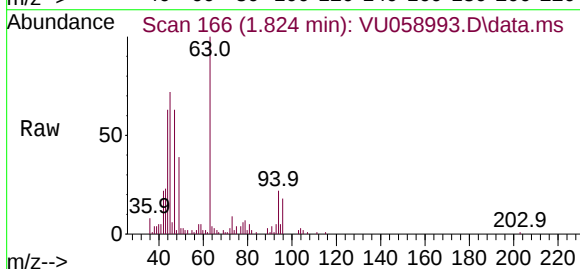
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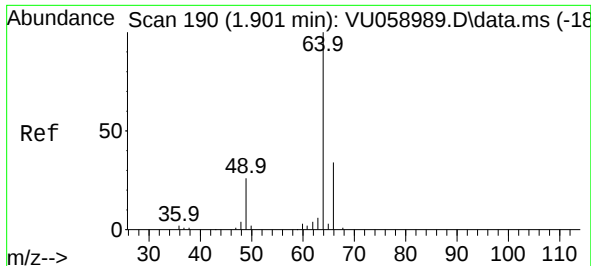
Tgt Ion: 94 Resp: 2957

Ion Ratio Lower Upper

94 100

96 81.9 66.6 123.6

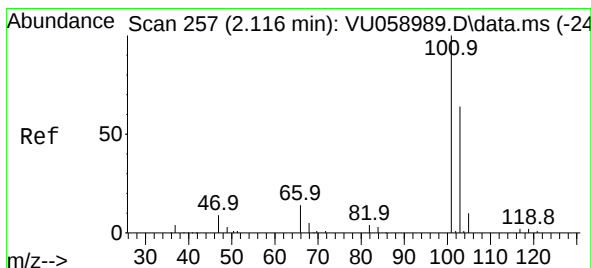
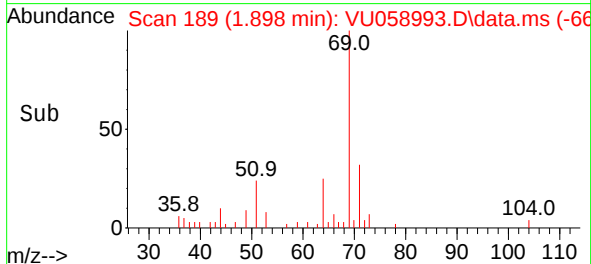
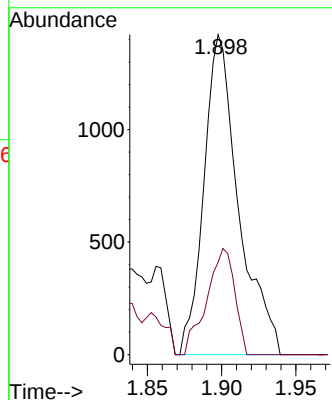
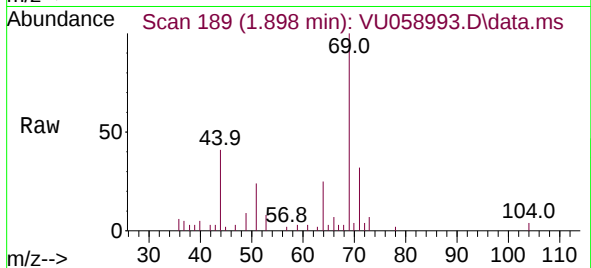




#8
Chloroethane
Concen: 3.227 ug/L
RT: 1.898 min Scan# 190
Delta R.T. -0.003 min
Lab File: VU058993.D
Acq: 25 May 2024 12:54

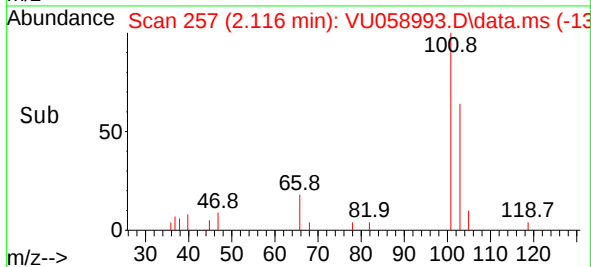
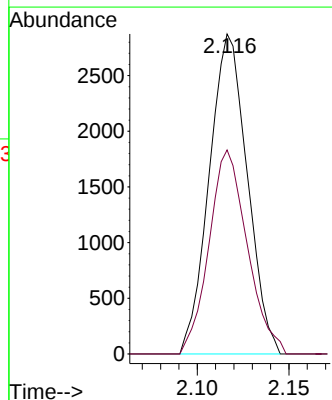
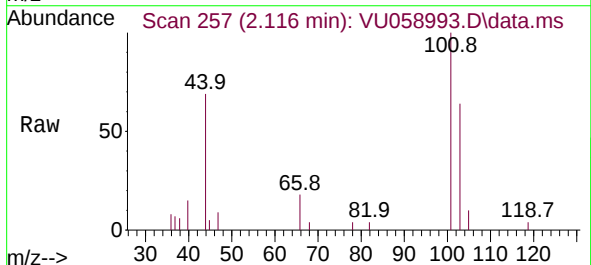
Instrument :
MSVOA_U
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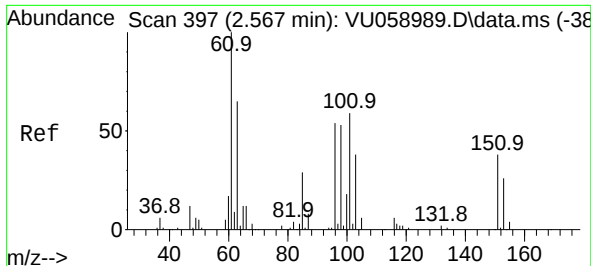
Tgt Ion: 64 Resp: 2311
Ion Ratio Lower Upper
64 100
66 28.9 22.7 42.1



#9
Trichlorofluoromethane
Concen: 2.922 ug/L
RT: 2.116 min Scan# 257
Delta R.T. -0.000 min
Lab File: VU058993.D
Acq: 25 May 2024 12:54

Tgt Ion:101 Resp: 4149
Ion Ratio Lower Upper
101 100
103 64.0 51.6 77.4

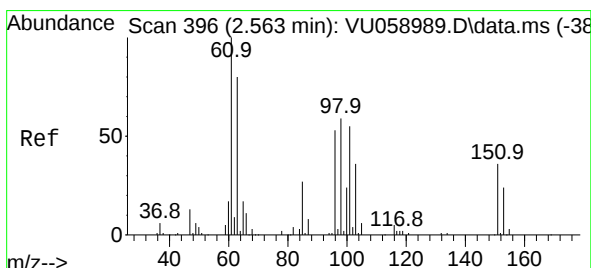
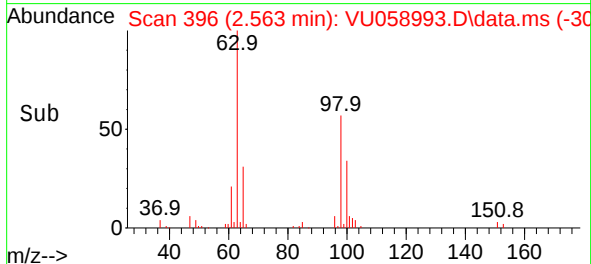
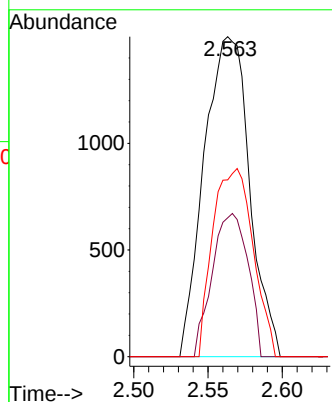
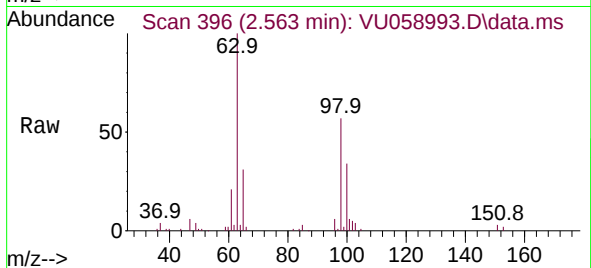




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.304 ug/L
RT: 2.563 min Scan# 397
Delta R.T. -0.003 min
Lab File: VU058993.D
Acq: 25 May 2024 12:54

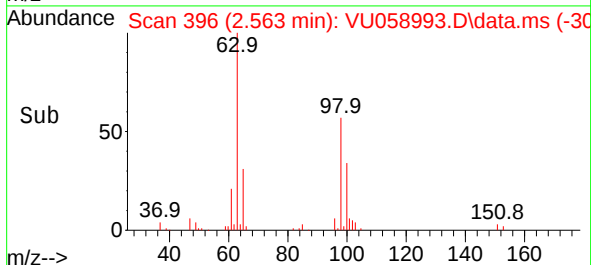
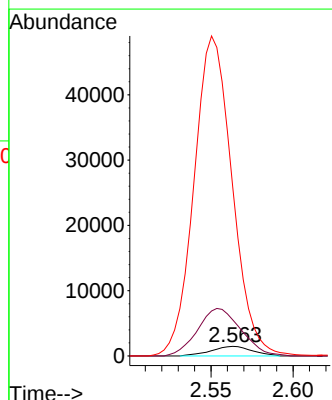
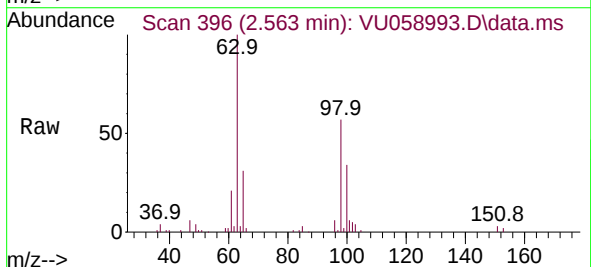
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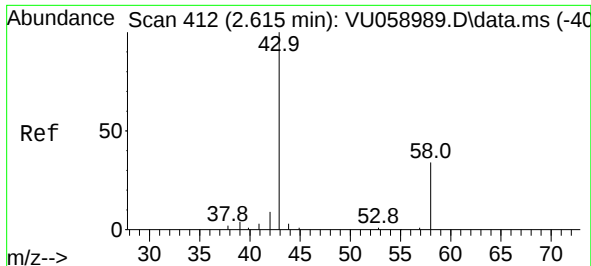
Tgt Ion:101 Resp: 3190
Ion Ratio Lower Upper
101 100
85 35.3 34.9 52.3
151 52.2 54.5 81.7#



#12
1,1-Dichloroethene
Concen: 3.320 ug/L
RT: 2.563 min Scan# 396
Delta R.T. -0.000 min
Lab File: VU058993.D
Acq: 25 May 2024 12:54

Tgt Ion: 96 Resp: 2565
Ion Ratio Lower Upper
96 100
61 376.9 122.2 227.0#
63 1764.8 102.8 190.8#





#13

Acetone

Concen: 7.077 ug/L

RT: 2.621 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU058993.D

Acq: 25 May 2024 12:54

Instrument :

MSVOA_U

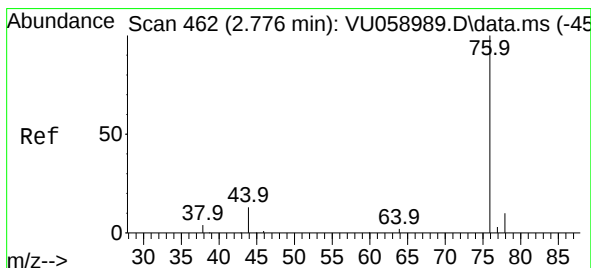
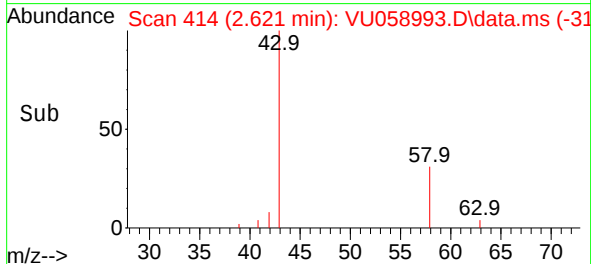
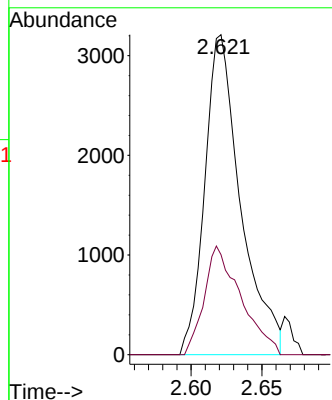
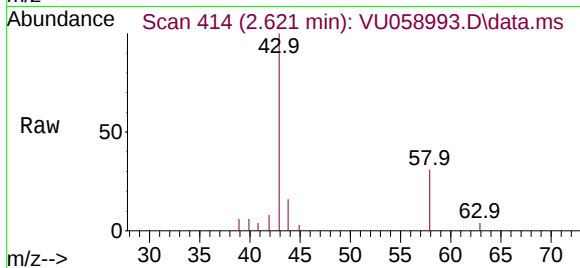
ClientSampleId :

Tgt Ion: 43 Resp: 5654

Ion Ratio Lower Upper

43 100

58 34.7 0.0 67.2



#14

Carbon disulfide

Concen: 3.254 ug/L

RT: 2.779 min Scan# 463

Delta R.T. 0.003 min

Lab File: VU058993.D

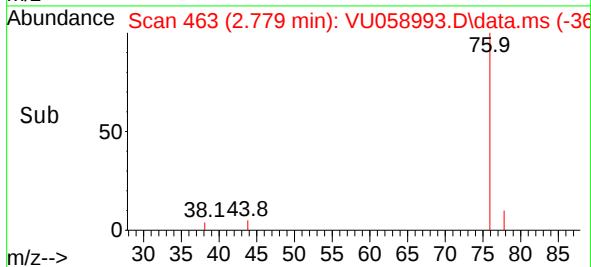
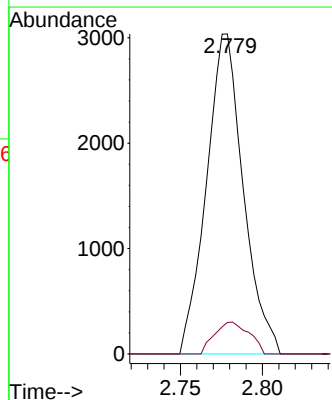
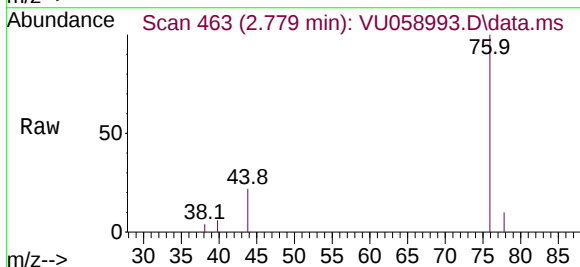
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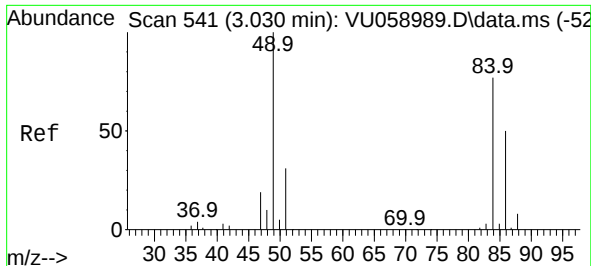
Tgt Ion: 76 Resp: 4730

Ion Ratio Lower Upper

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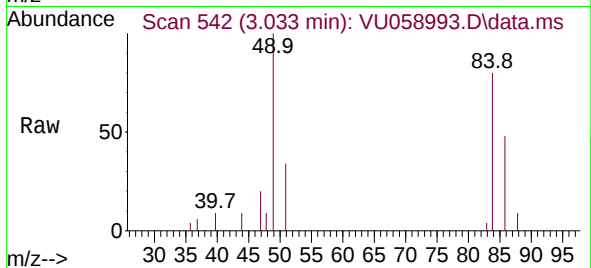
78 9.8 7.1 10.7





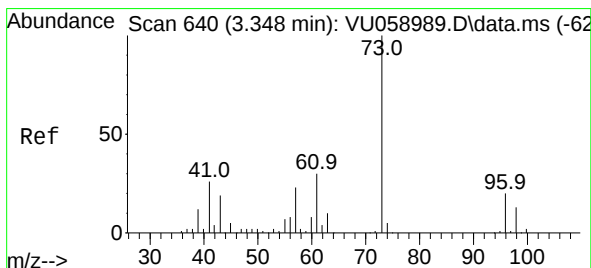
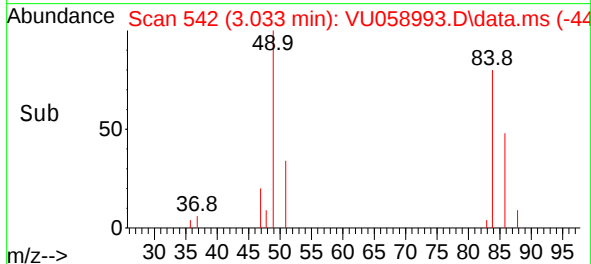
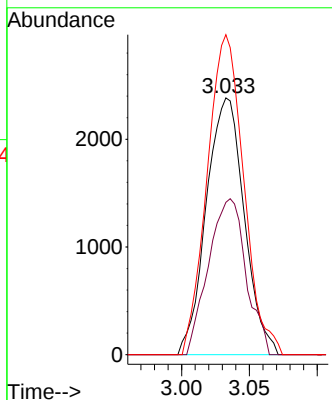
#16
Methylene chloride
Concen: 3.766 ug/L
RT: 3.033 min Scan# 541
Delta R.T. 0.003 min
Lab File: VU058993.D
Acq: 25 May 2024 12:54

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 4641

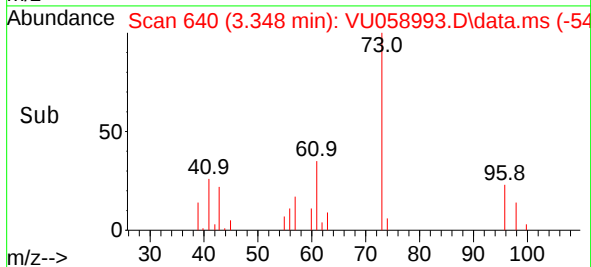
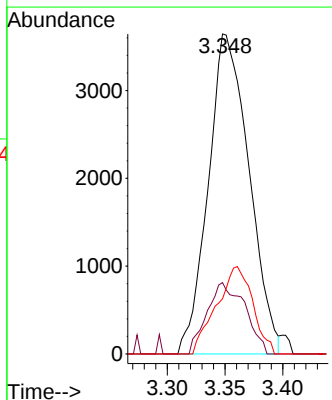
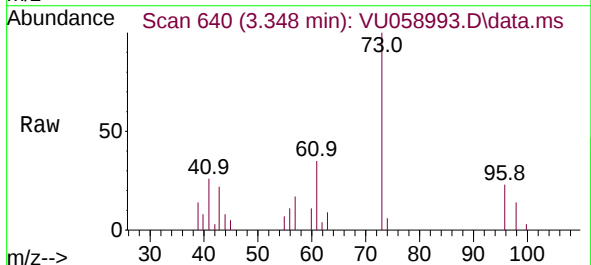
Ion	Ratio	Lower	Upper
84	100		
86	59.3	44.9	83.5
49	124.6	85.4	158.6

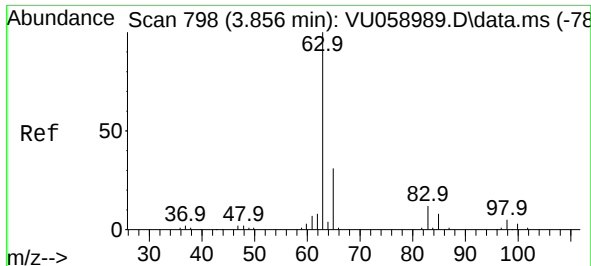


#18
Methyl tert-butyl Ether
Concen: 2.908 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU058993.D
Acq: 25 May 2024 12:54

Tgt Ion: 73 Resp: 8935

Ion	Ratio	Lower	Upper
73	100		
43	20.9	15.4	23.2
57	24.2	18.6	27.8





#19

1,1-Dichloroethane

Concen: 1.519 ug/L

RT: 3.849 min Scan# 798

Delta R.T. -0.007 min

Lab File: VU058993.D

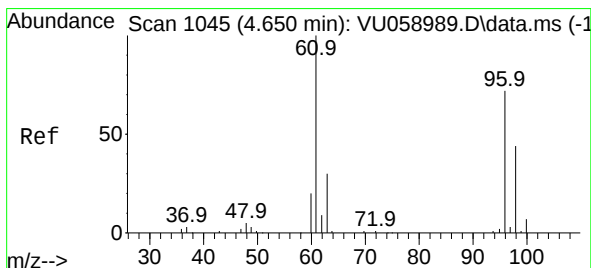
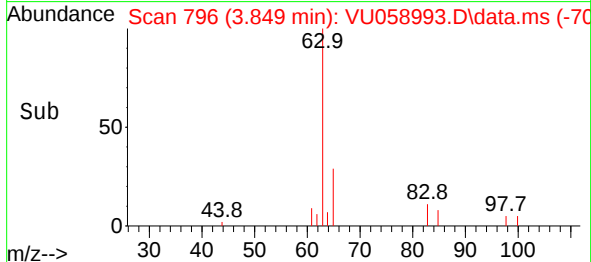
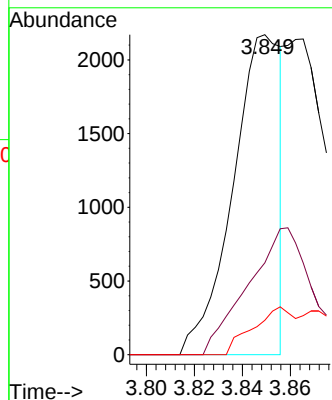
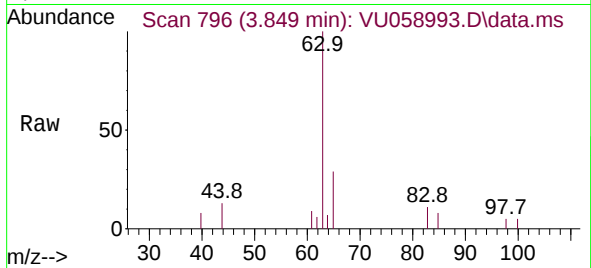
Acq: 25 May 2024 12:54

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 3004
Ion Ratio	Lower Upper
63	100
65	26.8 22.3 41.3
83	10.0 8.5 15.9



#20

cis-1,2-Dichloroethene

Concen: 2.898 ug/L

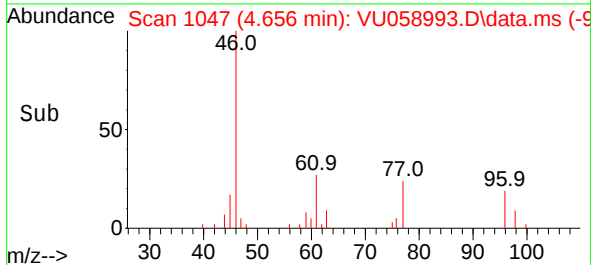
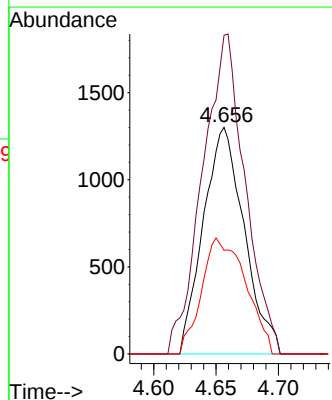
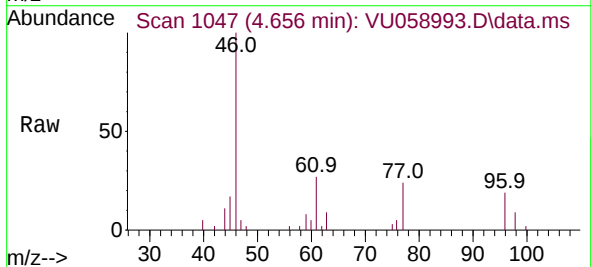
RT: 4.656 min Scan# 1047

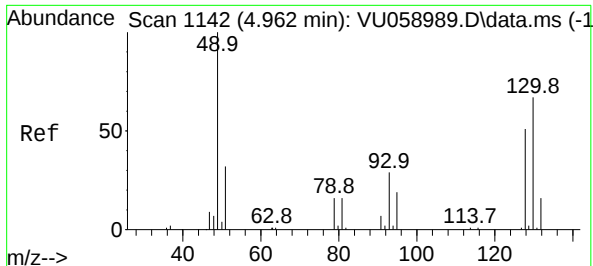
Delta R.T. 0.006 min

Lab File: VU058993.D

Acq: 25 May 2024 12:54

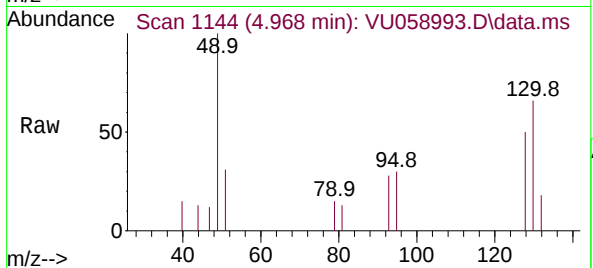
Tgt Ion: 96	Resp: 2977
Ion Ratio	Lower Upper
96	100
61	140.7 91.1 169.3
98	45.7 44.4 82.4



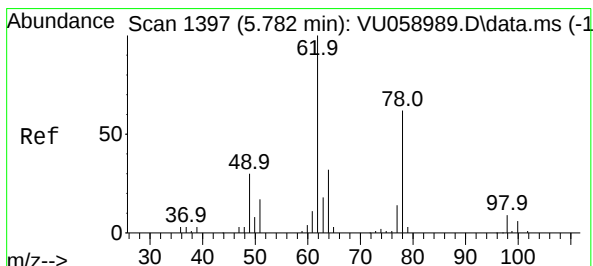
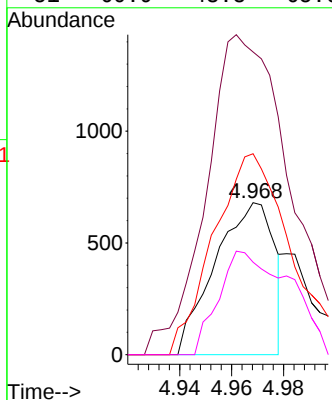
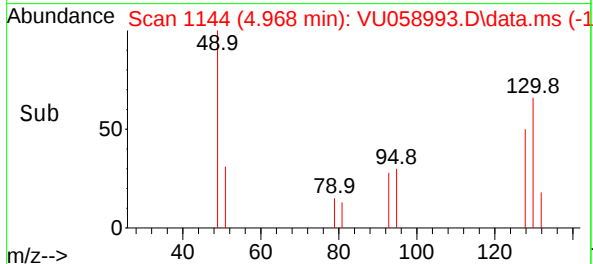


#23
Bromochloromethane
Concen: 2.005 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VU058993.D
Acq: 25 May 2024 12:54

Instrument :
MSVOA_U
ClientSampleId :

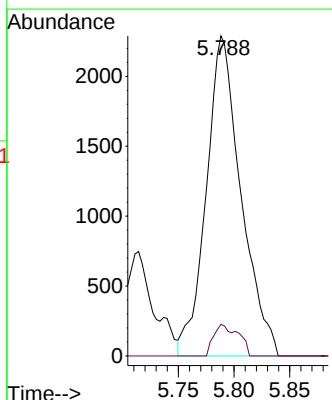
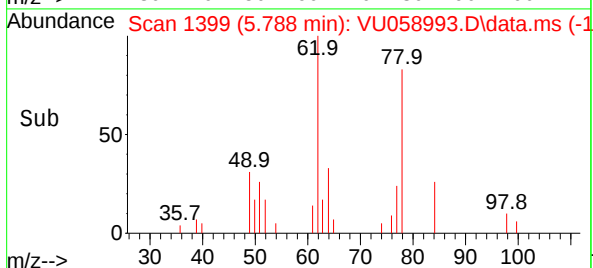
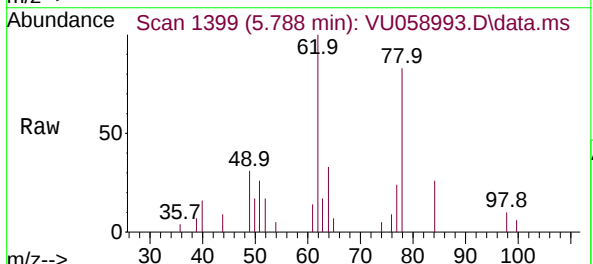


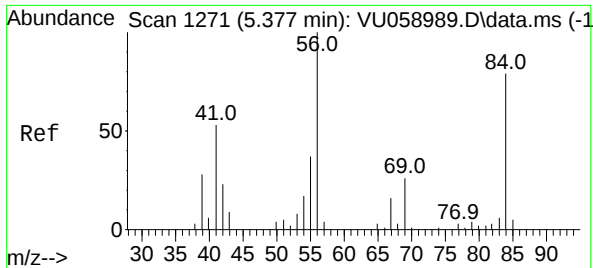
Tgt Ion:128	Resp:	1074
Ion	Ratio	Lower Upper
128	100	
49	199.3	123.8 229.8
130	132.2	90.6 168.2
51	60.9	43.8 65.6



#27
1,2-Dichloroethane
Concen: 3.118 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VU058993.D
Acq: 25 May 2024 12:54

Tgt Ion: 62	Resp:	4968
Ion	Ratio	Lower Upper
62	100	
98	9.8	7.0 10.4

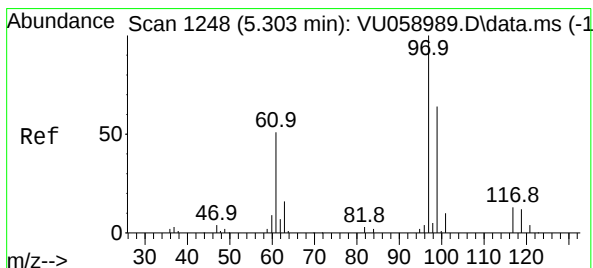
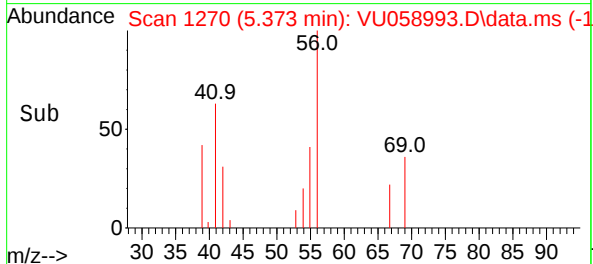
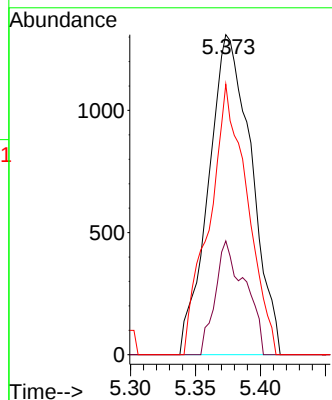
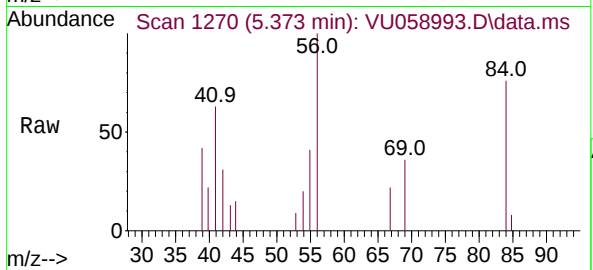




#29
Cyclohexane
Concen: 2.835 ug/L
RT: 5.373 min Scan# 1270
Delta R.T. -0.003 min
Lab File: VU058993.D
Acq: 25 May 2024 12:54

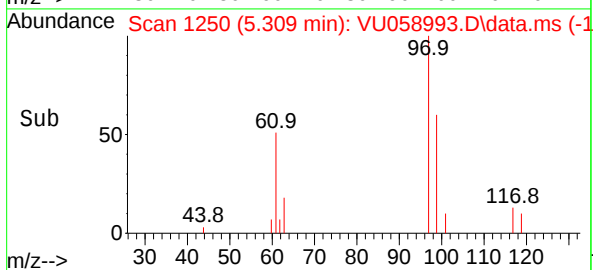
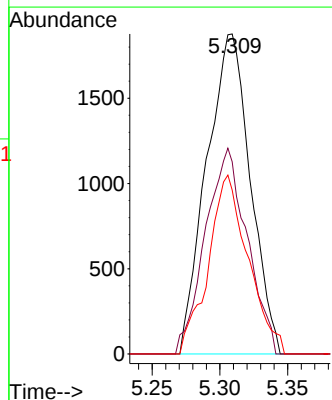
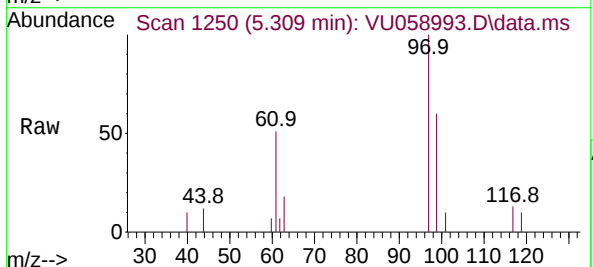
Instrument :
MSVOA_U
ClientSampleId :

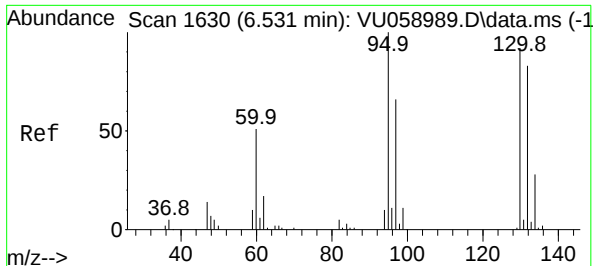
Tgt Ion: 56 Resp: 3005
Ion Ratio Lower Upper
56 100
69 16.9 24.3 36.5#
84 74.8 66.7 100.1



#30
1,1,1-Trichloroethane
Concen: 2.818 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.006 min
Lab File: VU058993.D
Acq: 25 May 2024 12:54

Tgt Ion: 97 Resp: 4212
Ion Ratio Lower Upper
97 100
99 61.5 51.8 77.8
61 50.8 38.9 58.3





#34

Trichloroethene

Concen: 3.010 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.006 min

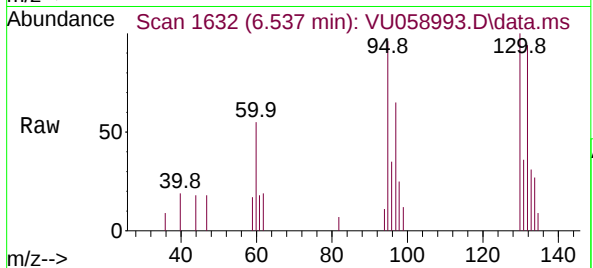
Lab File: VU058993.D

Acq: 25 May 2024 12:54

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 2991

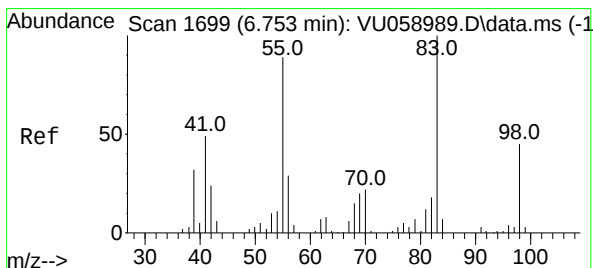
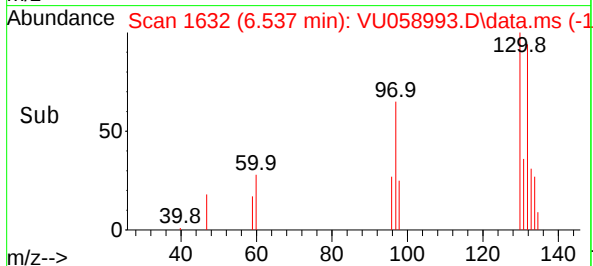
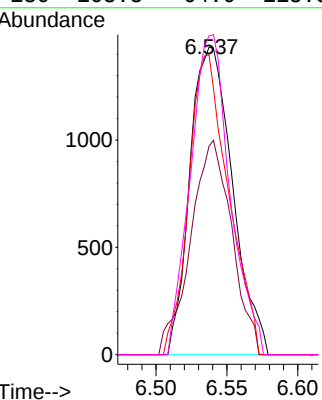
Ion Ratio Lower Upper

95 100

97 67.8 45.9 85.3

132 97.6 60.5 112.5

130 103.8 64.0 118.8



#35

Methylcyclohexane

Concen: 2.827 ug/L

RT: 6.750 min Scan# 1698

Delta R.T. -0.003 min

Lab File: VU058993.D

Acq: 25 May 2024 12:54

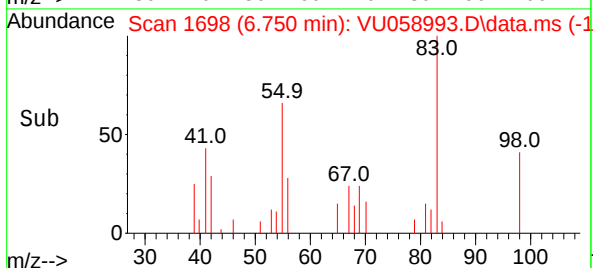
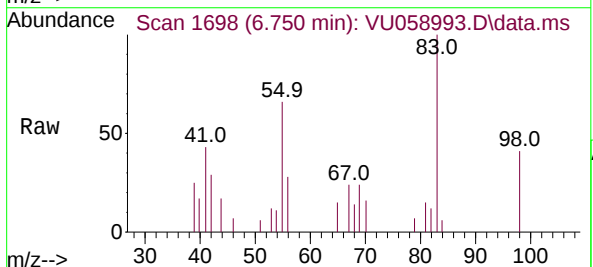
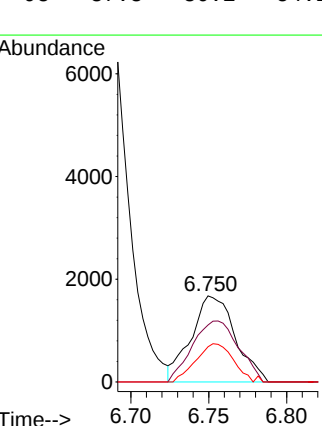
Tgt Ion: 83 Resp: 3293

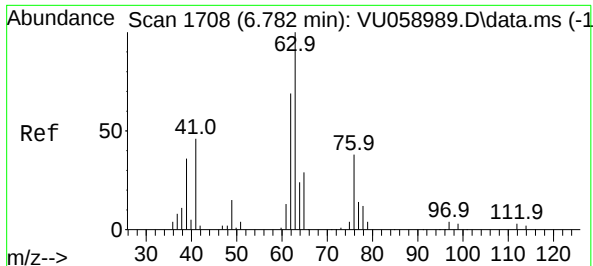
Ion Ratio Lower Upper

83 100

55 74.0 61.5 92.3

98 37.3 36.2 54.2

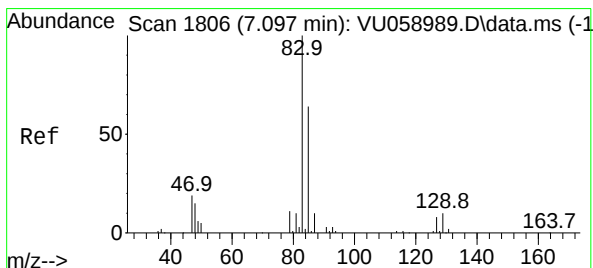
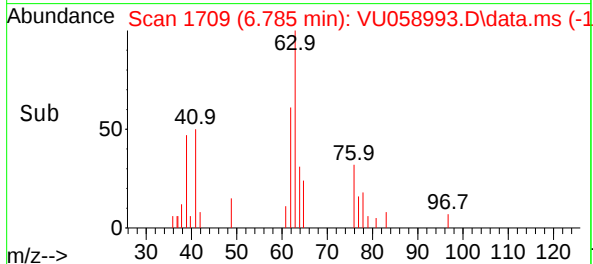
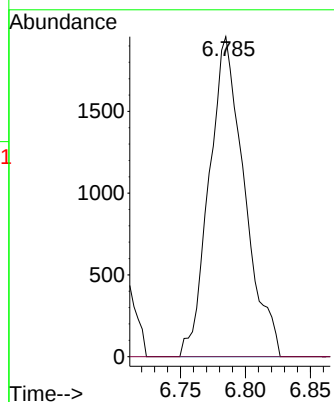
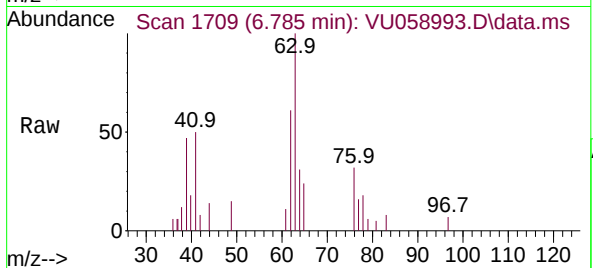




#37
1,2-Dichloropropane
Concen: 3.029 ug/L
RT: 6.785 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU058993.D
Acq: 25 May 2024 12:54

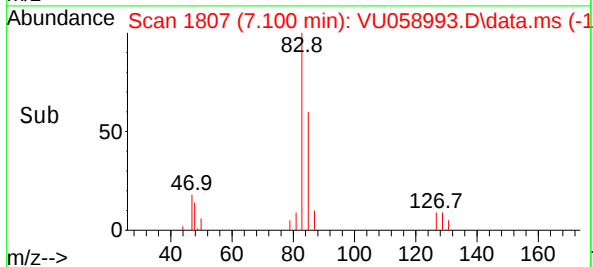
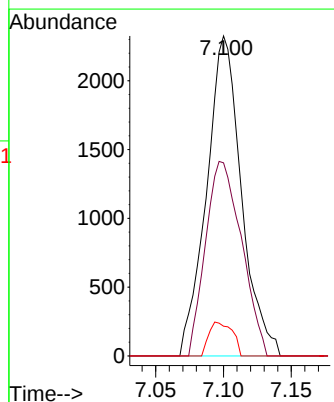
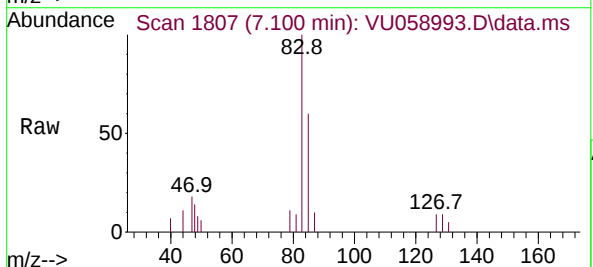
Instrument :
MSVOA_U
ClientSampleId :

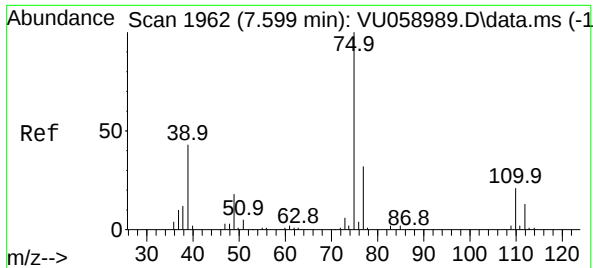
Tgt Ion: 63 Resp: 3686
Ion Ratio Lower Upper
63 100
112 0.0 2.5 3.7#



#38
Bromodichloromethane
Concen: 2.749 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU058993.D
Acq: 25 May 2024 12:54

Tgt Ion: 83 Resp: 4158
Ion Ratio Lower Upper
83 100
85 60.3 43.5 80.9
127 9.3 5.8 8.6#

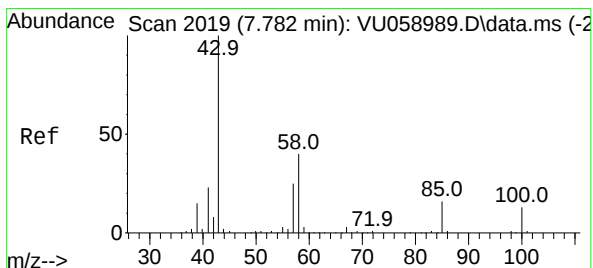
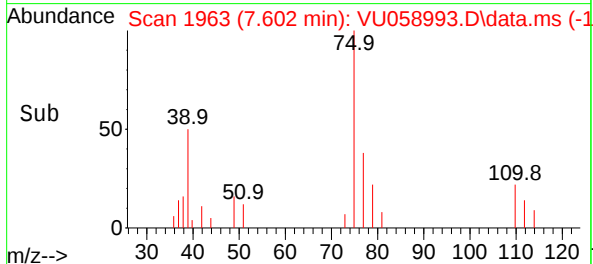
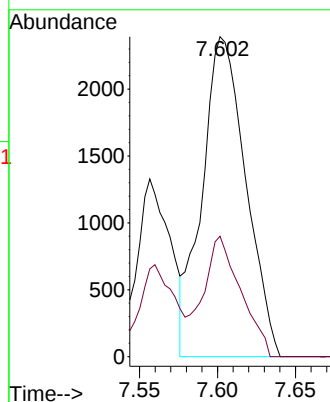
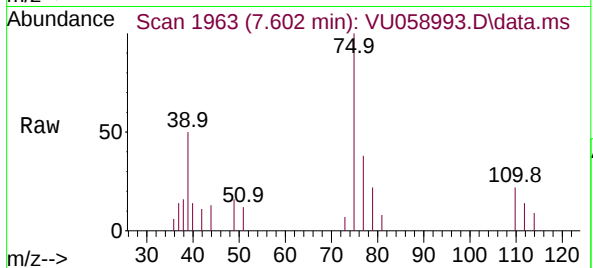




#39
 cis-1,3-Dichloropropene
 Concen: 2.783 ug/L
 RT: 7.602 min Scan# 1962
 Delta R.T. 0.003 min
 Lab File: VU058993.D
 Acq: 25 May 2024 12:54

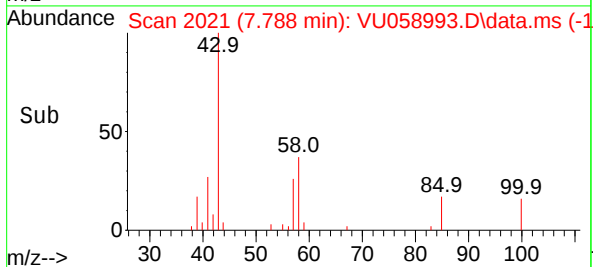
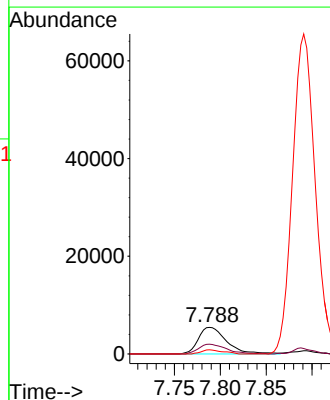
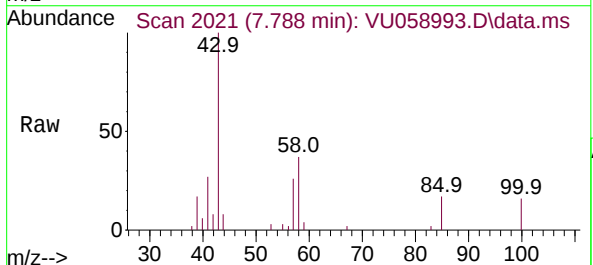
Instrument :
 MSVOA_U
 ClientSampleId :

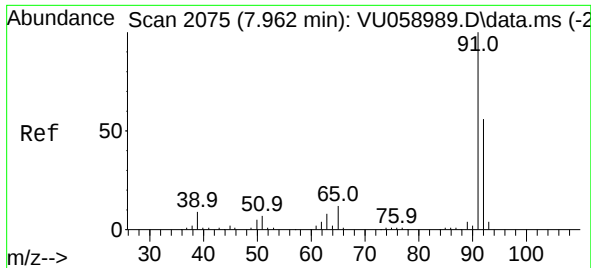
Tgt Ion: 75 Resp: 4665
 Ion Ratio Lower Upper
 75 100
 77 37.7 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 6.738 ug/L
 RT: 7.788 min Scan# 2021
 Delta R.T. 0.006 min
 Lab File: VU058993.D
 Acq: 25 May 2024 12:54

Tgt Ion: 43 Resp: 11689
 Ion Ratio Lower Upper
 43 100
 58 35.9 33.5 50.3
 100 12.0 11.8 17.8





#42

Toluene

Concen: 2.642 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU058993.D

Acq: 25 May 2024 12:54

Instrument :

MSVOA_U

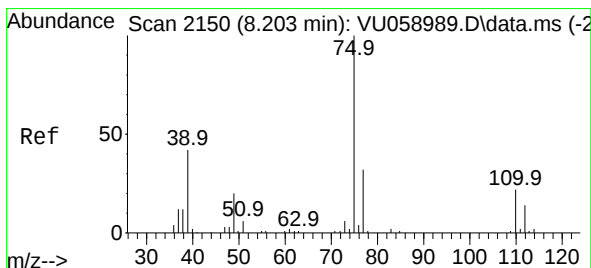
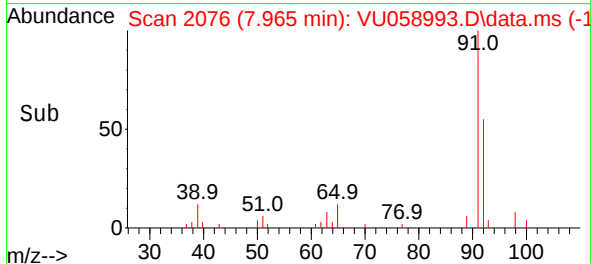
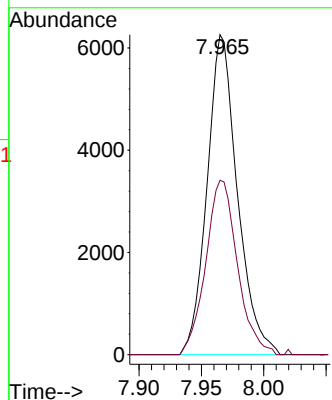
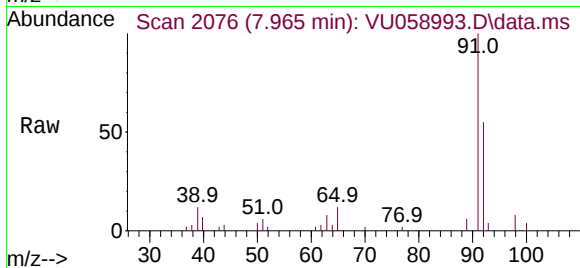
ClientSampleId :

Tgt Ion: 91 Resp: 10603

Ion Ratio Lower Upper

91 100

92 54.5 38.7 71.9



#44

trans-1,3-Dichloropropene

Concen: 2.782 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU058993.D

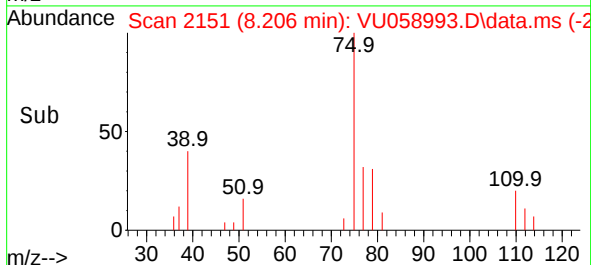
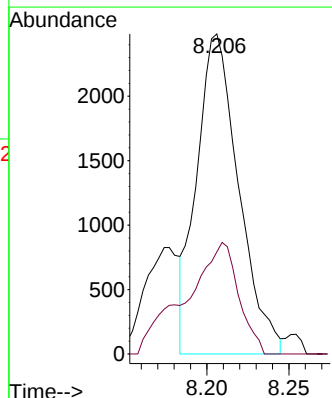
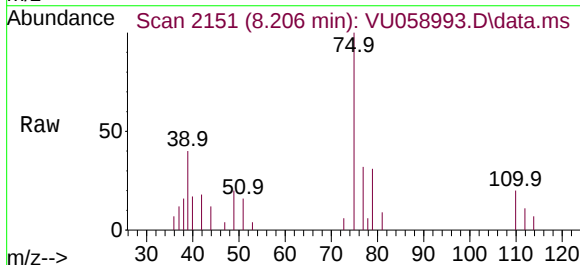
Acq: 25 May 2024 12:54

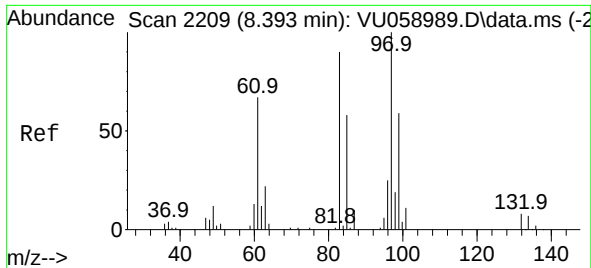
Tgt Ion: 75 Resp: 4415

Ion Ratio Lower Upper

75 100

77 31.9 23.0 42.8

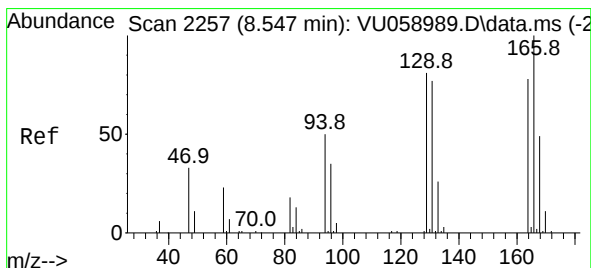
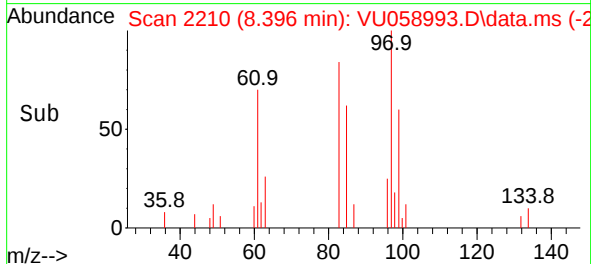
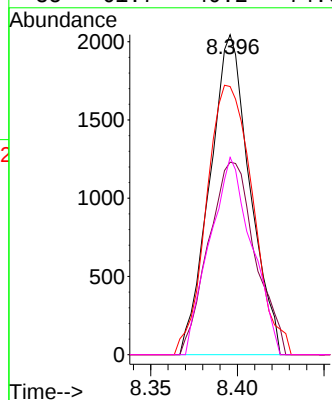
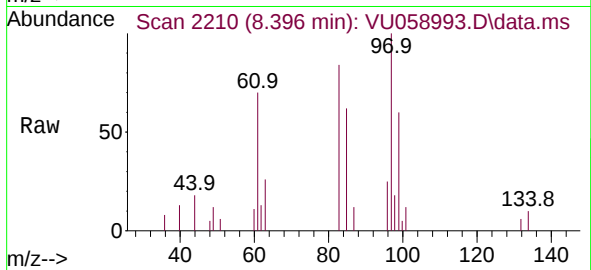




#45
1,1,2-Trichloroethane
Concen: 2.733 ug/L
RT: 8.396 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU058993.D
Acq: 25 May 2024 12:54

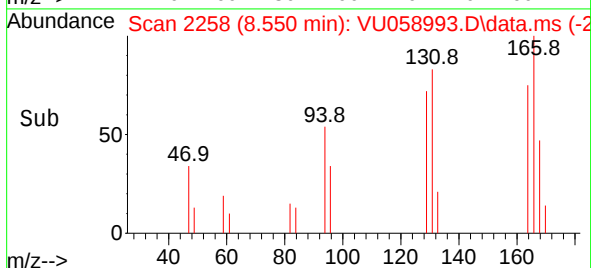
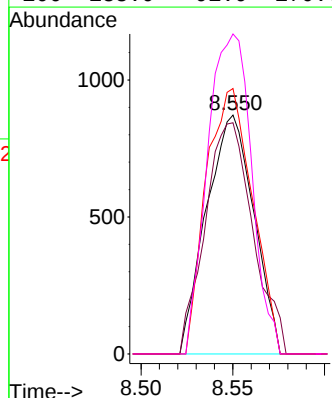
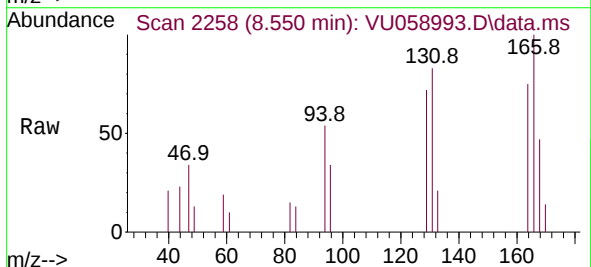
Instrument :
MSVOA_U
ClientSampleId :

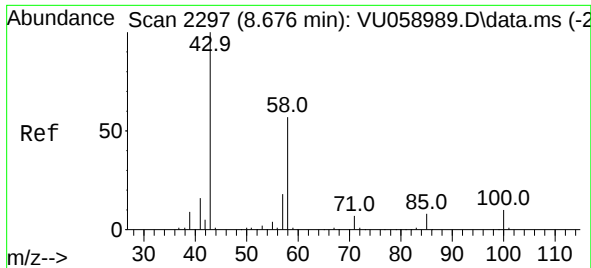
Tgt Ion: 97	Resp: 3284
Ion Ratio	Lower Upper
97 100	
99 60.1	42.6 79.2
83 83.8	62.2 115.6
85 61.7	40.2 74.6



#46
Tetrachloroethene
Concen: 2.360 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU058993.D
Acq: 25 May 2024 12:54

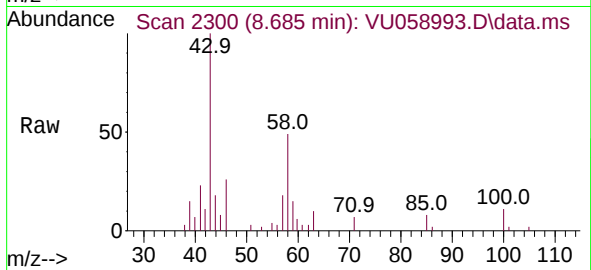
Tgt	Ion:164	Resp:	1564
Ion	Ratio	Lower	Upper
164	100		
129	96.8	70.6	131.0
131	111.1	69.2	128.6
166	133.9	91.9	170.7



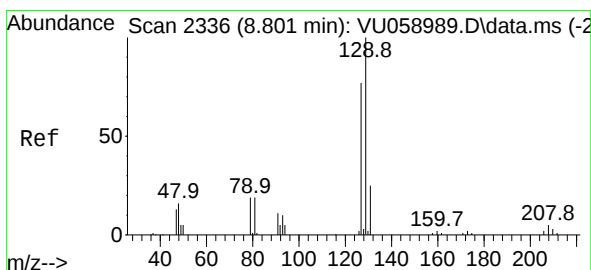
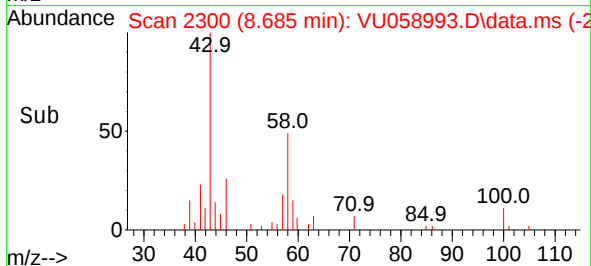
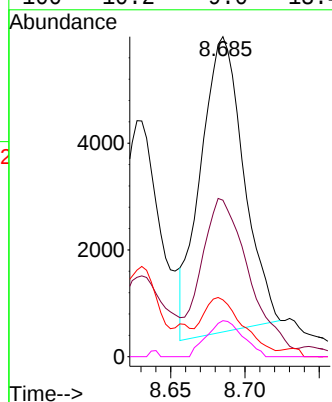


#48
2-Hexanone
Concen: 7.822 ug/L
RT: 8.685 min Scan# 24
Delta R.T. 0.009 min
Lab File: VU058993.D
Acq: 25 May 2024 12:54

Instrument :
MSVOA_U
ClientSampleId :

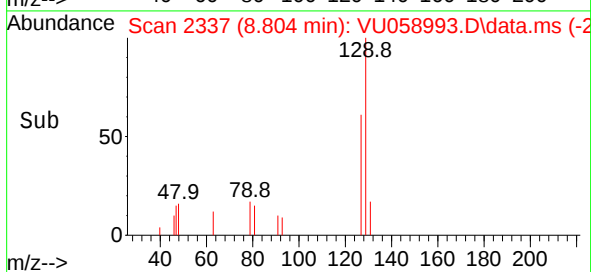
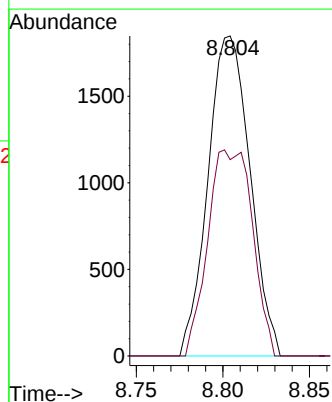
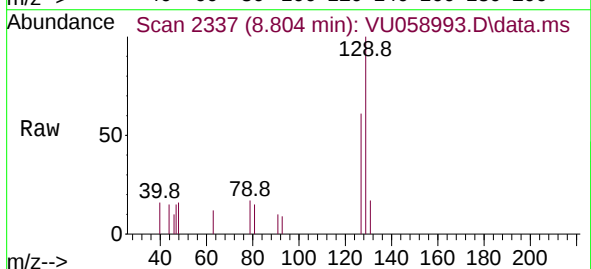


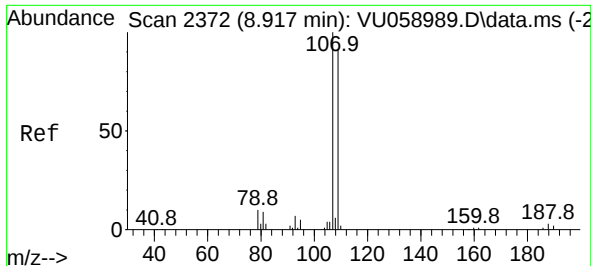
Tgt Ion:	43	Resp:	11173
Ion	Ratio	Lower	Upper
43	100		
58	59.3	47.8	71.6
57	18.7	15.7	23.5
100	10.2	9.0	13.4



#49
Dibromochloromethane
Concen: 2.723 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU058993.D
Acq: 25 May 2024 12:54

Tgt Ion:	129	Resp:	3126
Ion	Ratio	Lower	Upper
129	100		
127	61.4	56.8	105.4

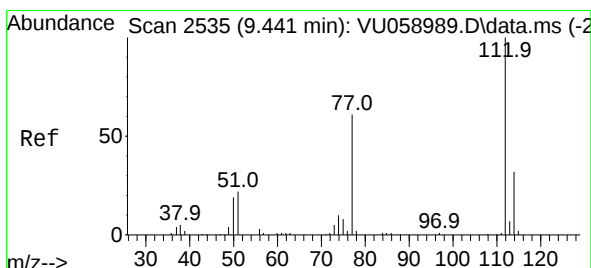
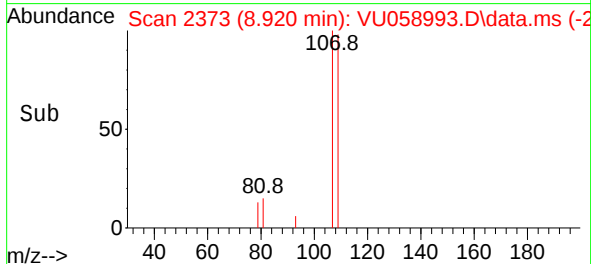
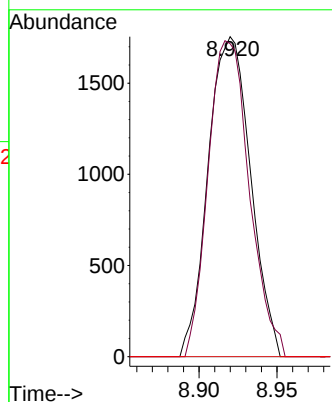
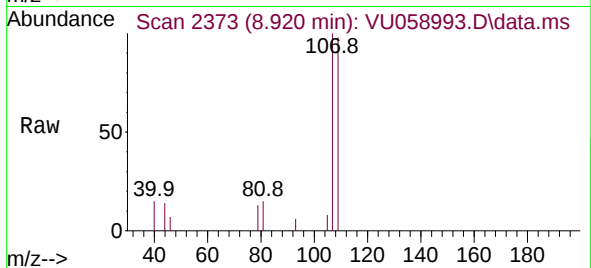




#50
1,2-Dibromoethane
Concen: 2.902 ug/L
RT: 8.920 min Scan# 24
Delta R.T. 0.003 min
Lab File: VU058993.D
Acq: 25 May 2024 12:54

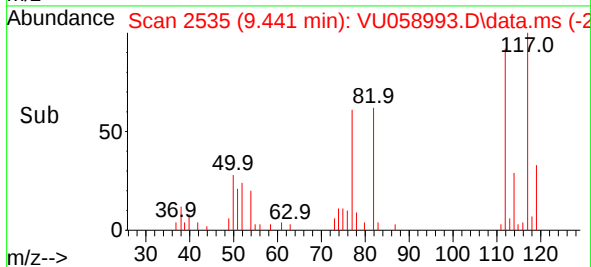
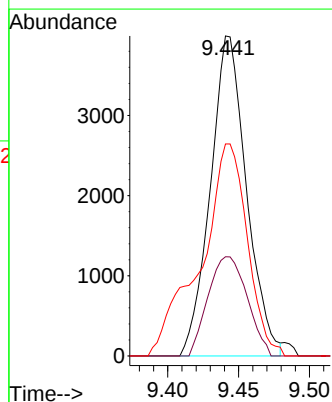
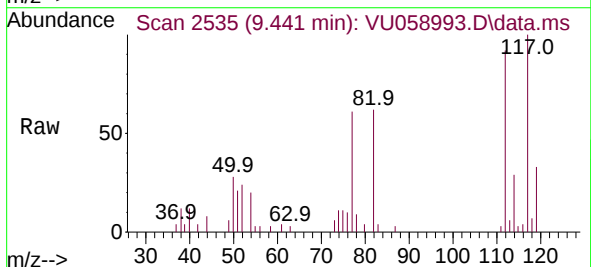
Instrument :
MSVOA_U
ClientSampleId :

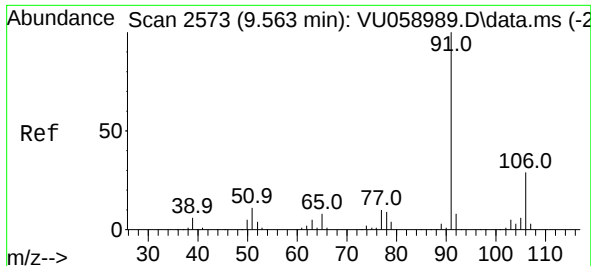
Tgt Ion:107 Resp: 3331
Ion Ratio Lower Upper
107 100
109 97.8 68.0 126.2
188 0.0 2.6 3.8#



#51
Chlorobenzene
Concen: 2.667 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU058993.D
Acq: 25 May 2024 12:54

Tgt Ion:112 Resp: 7075
Ion Ratio Lower Upper
112 100
114 34.1 21.8 40.6
77 66.3 48.8 73.2

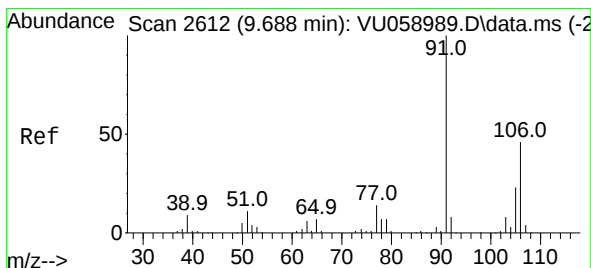
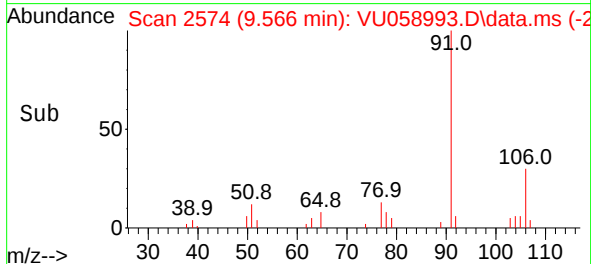
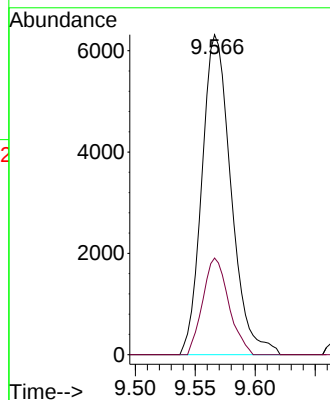
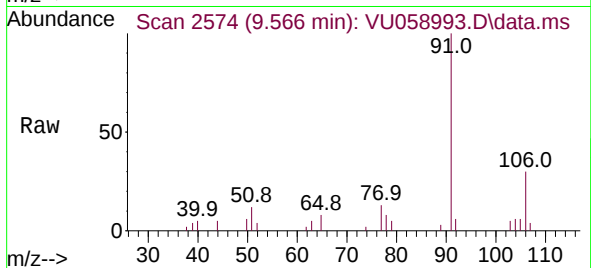




#52
Ethylbenzene
Concen: 2.457 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.003 min
Lab File: VU058993.D
Acq: 25 May 2024 12:54

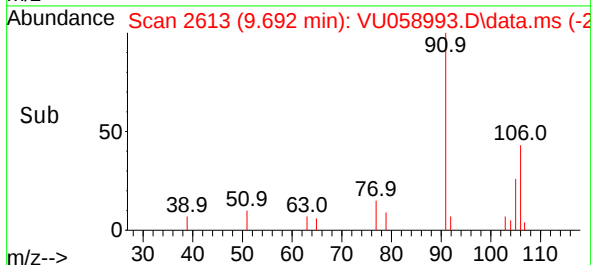
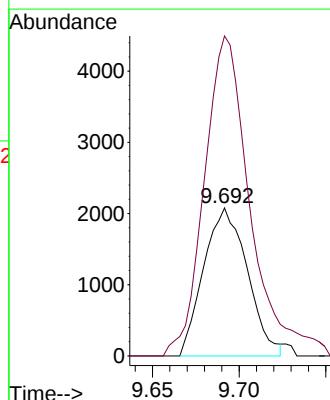
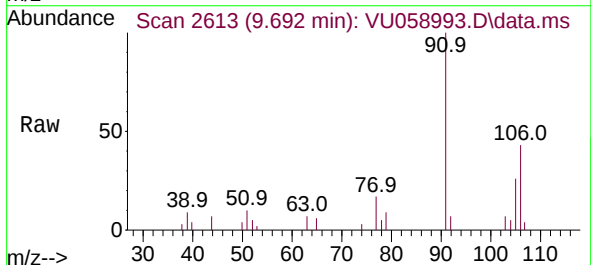
Instrument :
MSVOA_U
ClientSampleId :

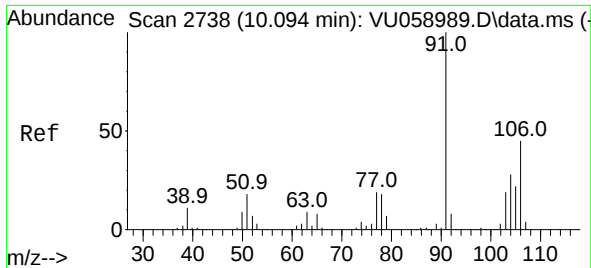
Tgt Ion: 91 Resp: 10674
Ion Ratio Lower Upper
91 100
106 33.8 20.8 38.6



#53
m,p-Xylene
Concen: 2.335 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU058993.D
Acq: 25 May 2024 12:54

Tgt Ion:106 Resp: 3643
Ion Ratio Lower Upper
106 100
91 216.2 145.7 270.7

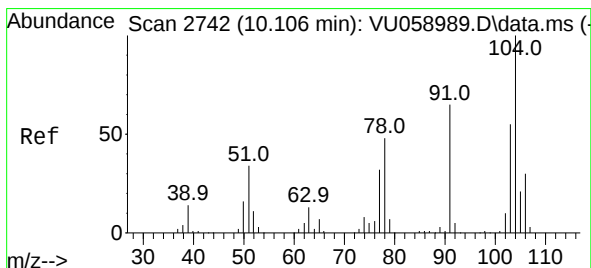
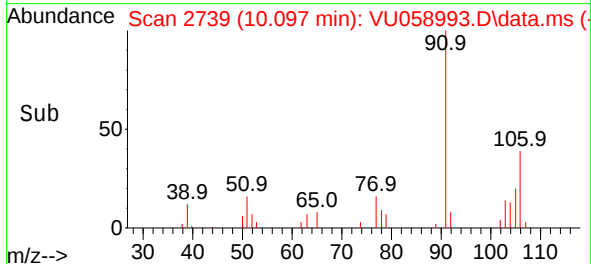
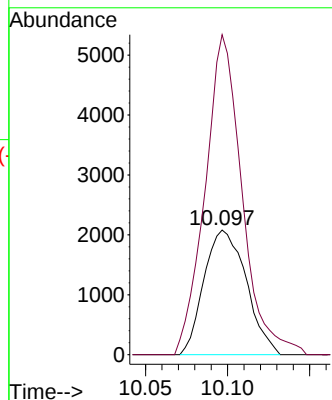
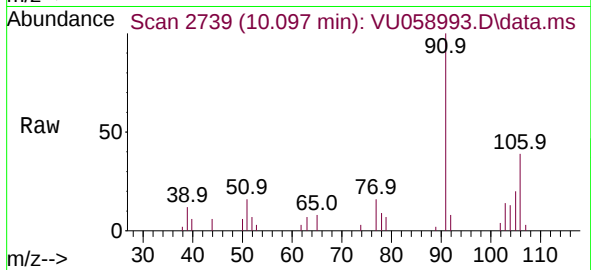




#54
o-Xylene
Concen: 2.385 ug/L
RT: 10.097 min Scan# 2738
Delta R.T. 0.003 min
Lab File: VU058993.D
Acq: 25 May 2024 12:54

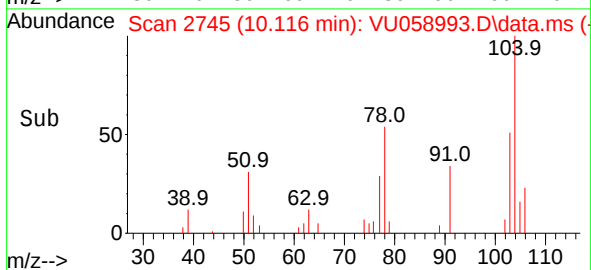
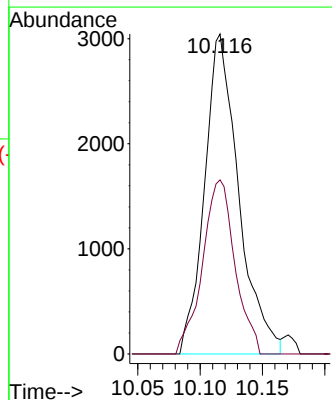
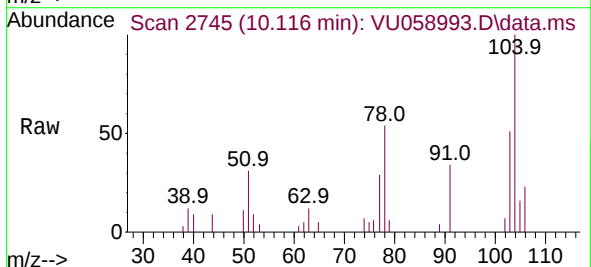
Instrument :
MSVOA_U
ClientSampleId :

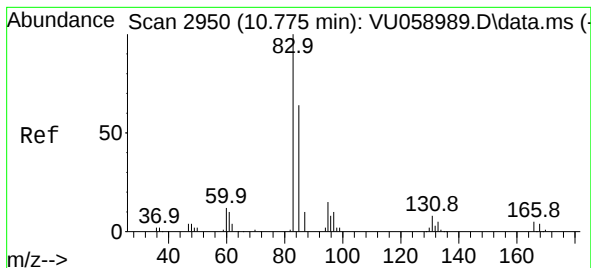
Tgt Ion:106 Resp: 3725
Ion Ratio Lower Upper
106 100
91 256.7 154.0 286.0



#55
Styrene
Concen: 2.080 ug/L
RT: 10.116 min Scan# 2745
Delta R.T. 0.009 min
Lab File: VU058993.D
Acq: 25 May 2024 12:54

Tgt Ion:104 Resp: 5801
Ion Ratio Lower Upper
104 100
78 54.4 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 3.489 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU058993.D

Acq: 25 May 2024 12:54

Instrument :

MSVOA_U

ClientSampleId :

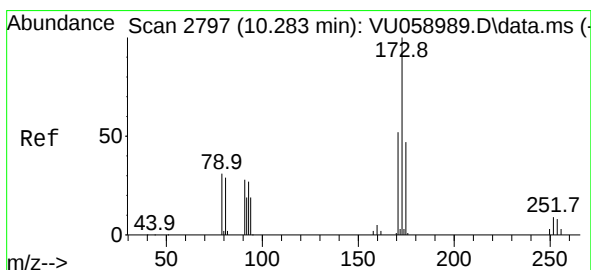
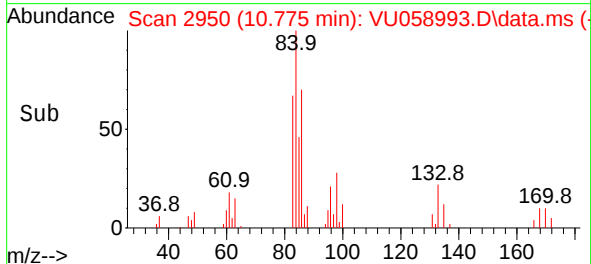
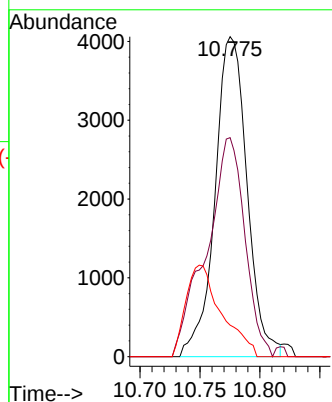
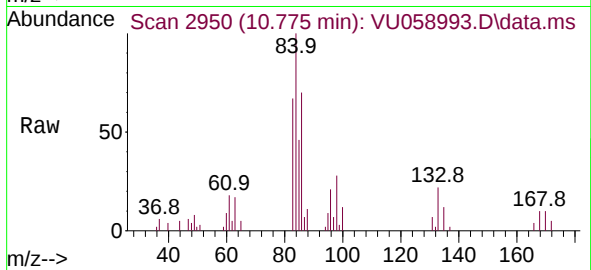
Tgt Ion: 83 Resp: 7553

Ion Ratio Lower Upper

83 100

85 68.5 43.5 80.9

131 9.9 7.1 10.7



#59

Bromoform

Concen: 2.837 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. 0.003 min

Lab File: VU058993.D

Acq: 25 May 2024 12:54

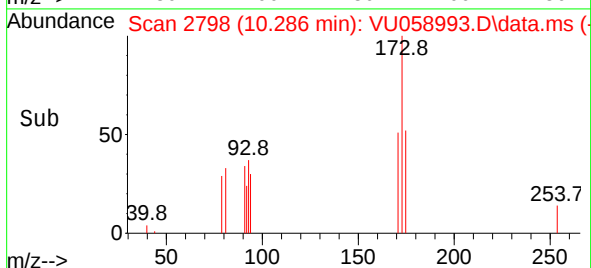
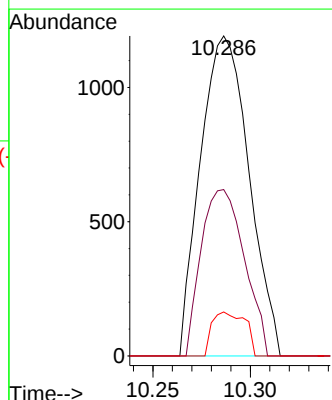
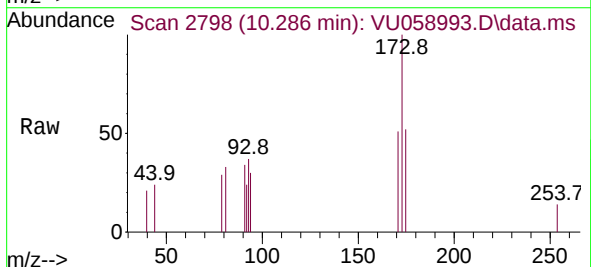
Tgt Ion:173 Resp: 2065

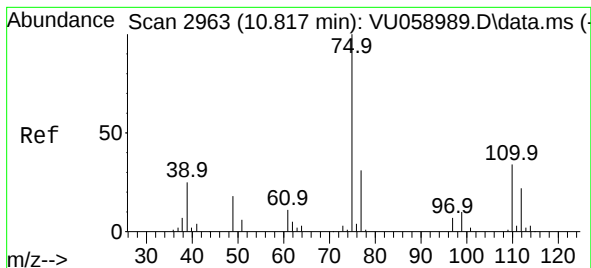
Ion Ratio Lower Upper

173 100

175 46.3 40.6 61.0

254 6.8 7.3 10.9#





#60

1,2,3-Trichloropropane

Concen: 4.075 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. -0.000 min

Lab File: VU058993.D

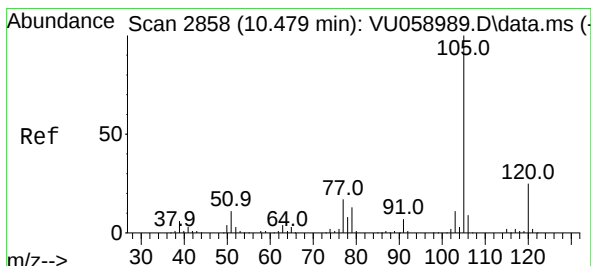
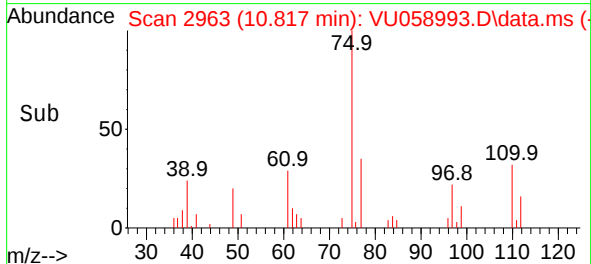
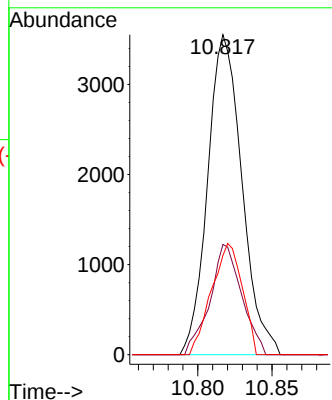
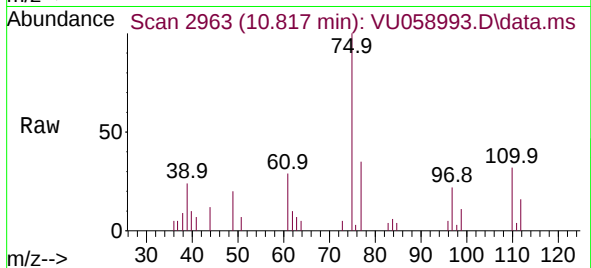
Acq: 25 May 2024 12:54

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	75	Resp:	5695
Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.8	38.6
110	31.2	28.3	42.5



#61

Isopropylbenzene

Concen: 2.627 ug/L

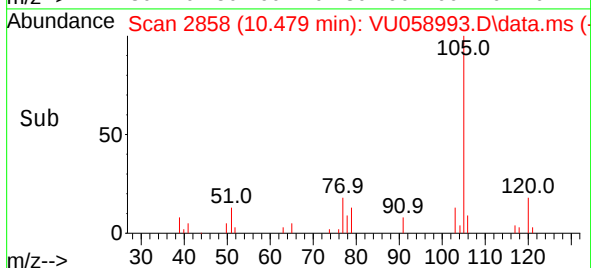
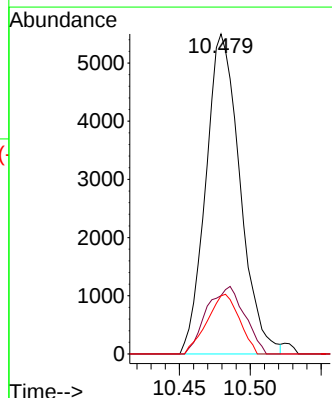
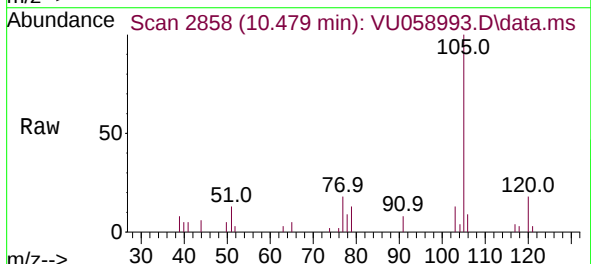
RT: 10.479 min Scan# 2858

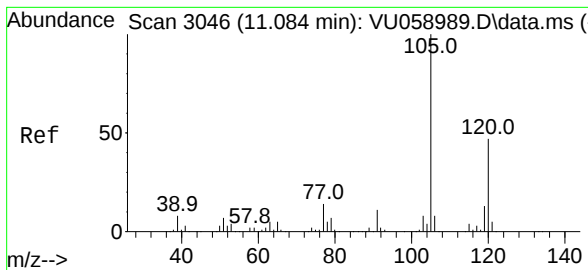
Delta R.T. -0.000 min

Lab File: VU058993.D

Acq: 25 May 2024 12:54

Tgt Ion:	105	Resp:	9214
Ion	Ratio	Lower	Upper
105	100		
120	23.3	20.0	30.0
77	17.6	13.4	20.0

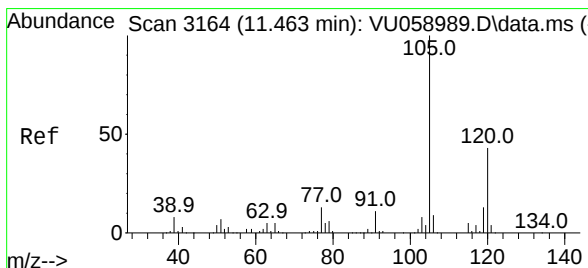
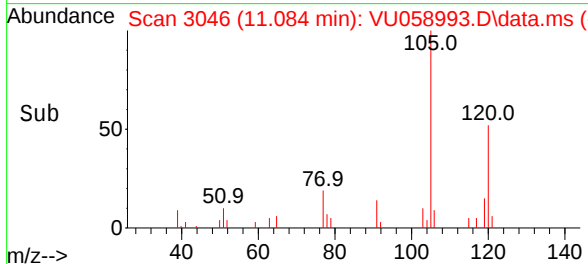
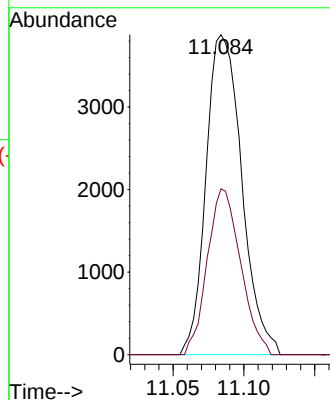
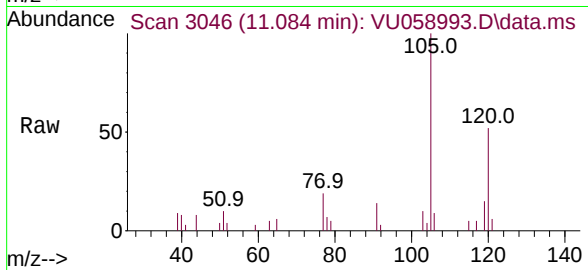




#62
 1,3,5-Trimethylbenzene
 Concen: 2.465 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. -0.000 min
 Lab File: VU058993.D
 Acq: 25 May 2024 12:54

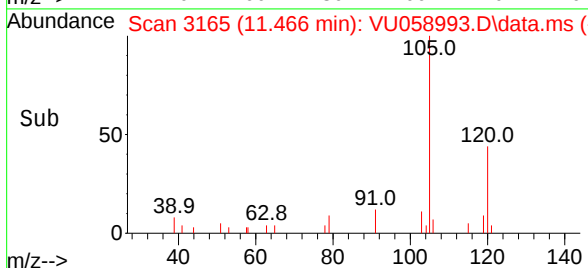
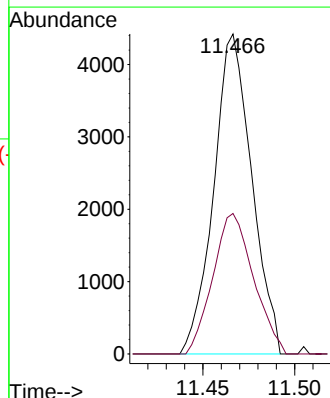
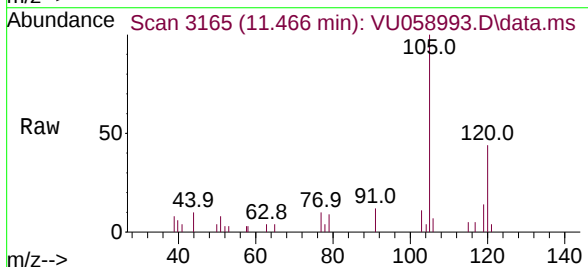
Instrument :
 MSVOA_U
 ClientSampleId :

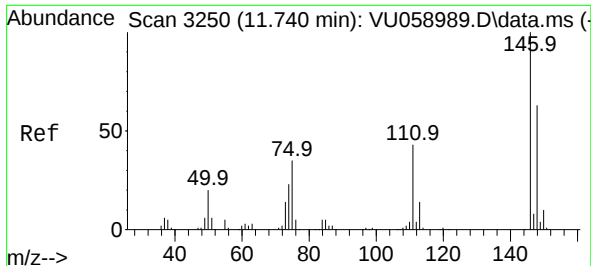
Tgt Ion:105 Resp: 6810
 Ion Ratio Lower Upper
 105 100
 120 48.4 36.9 55.3



#63
 1,2,4-Trimethylbenzene
 Concen: 2.284 ug/L
 RT: 11.466 min Scan# 3165
 Delta R.T. 0.003 min
 Lab File: VU058993.D
 Acq: 25 May 2024 12:54

Tgt Ion:105 Resp: 6365
 Ion Ratio Lower Upper
 105 100
 120 47.0 35.3 52.9





#64

1,3-Dichlorobenzene

Concen: 2.625 ug/L

RT: 11.746 min Scan# 3251

Delta R.T. 0.006 min

Lab File: VU058993.D

Acq: 25 May 2024 12:54

Instrument :

MSVOA_U

ClientSampleId :

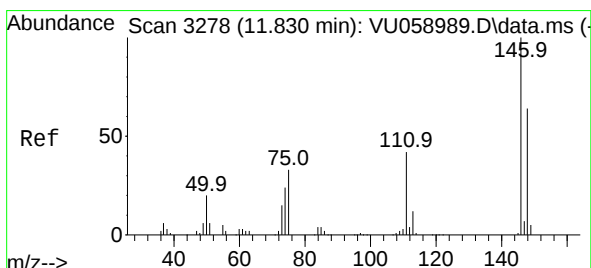
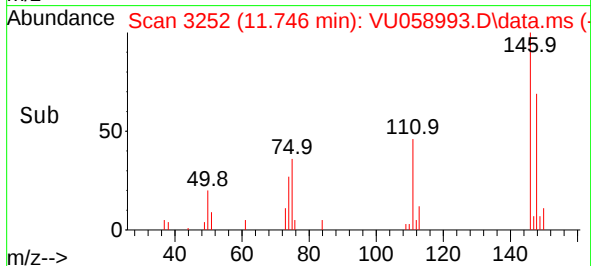
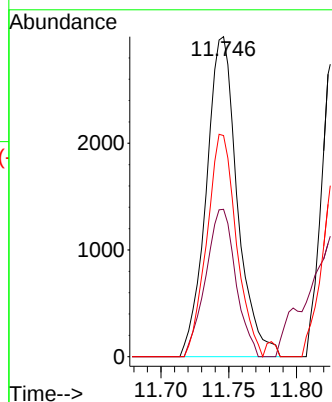
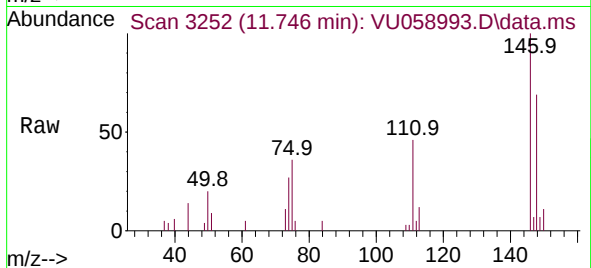
Tgt Ion:146 Resp: 4780

Ion Ratio Lower Upper

146 100

111 46.0 28.6 53.0

148 76.3 44.2 82.2



#65

1,4-Dichlorobenzene

Concen: 2.905 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. 0.003 min

Lab File: VU058993.D

Acq: 25 May 2024 12:54

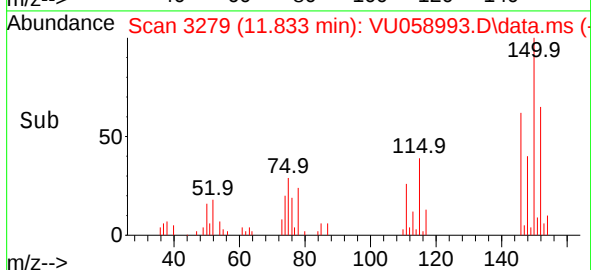
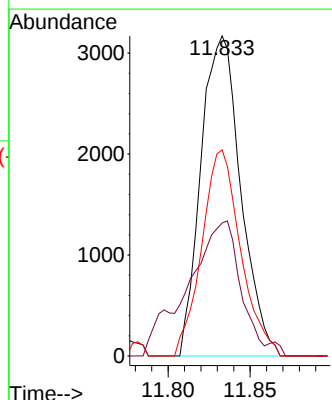
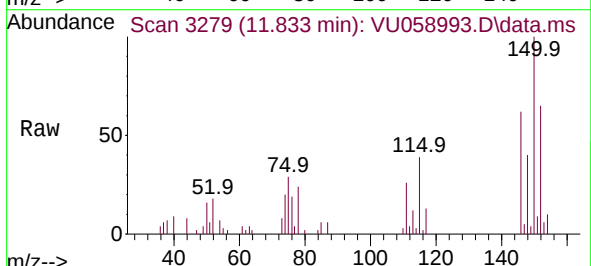
Tgt Ion:146 Resp: 5342

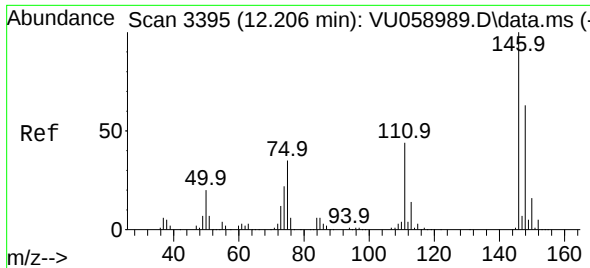
Ion Ratio Lower Upper

146 100

111 41.6 27.3 50.7

148 64.4 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 3.095 ug/L

RT: 12.209 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU058993.D

Acq: 25 May 2024 12:54

Instrument :

MSVOA_U

ClientSampleId :

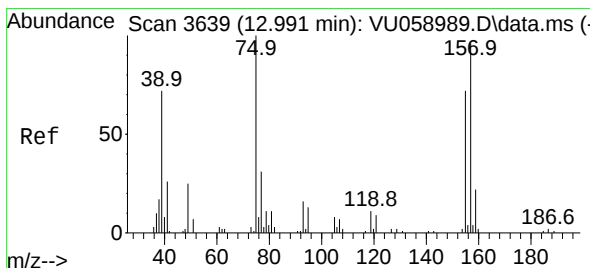
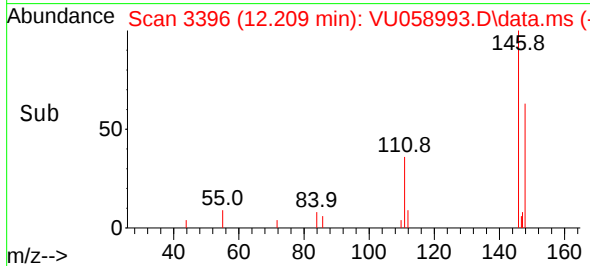
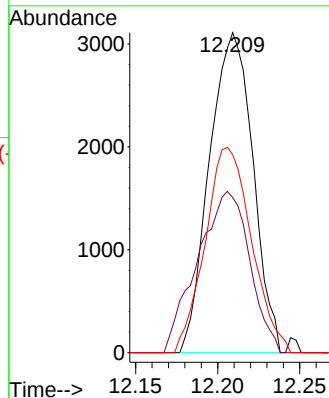
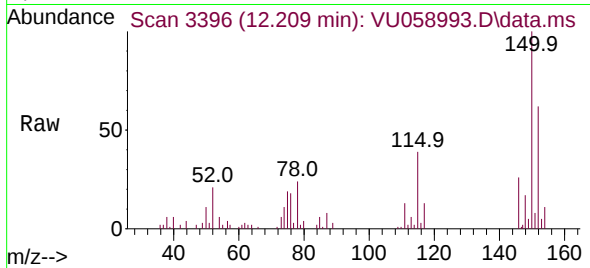
Tgt Ion:146 Resp: 5731

Ion Ratio Lower Upper

146 100

111 48.5 34.1 51.1

148 61.9 52.2 78.4



#68

1,2-Dibromo-3-chloropropane

Concen: 3.351 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.003 min

Lab File: VU058993.D

Acq: 25 May 2024 12:54

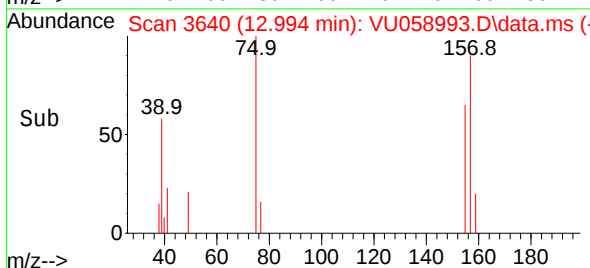
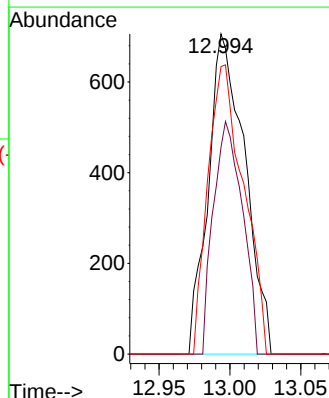
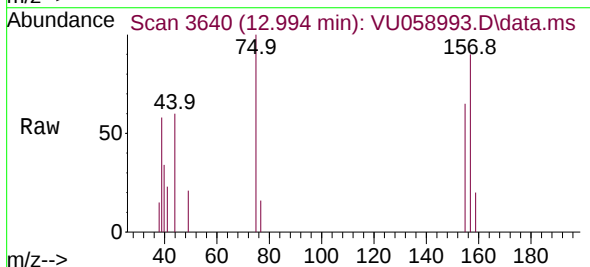
Tgt Ion: 75 Resp: 1267

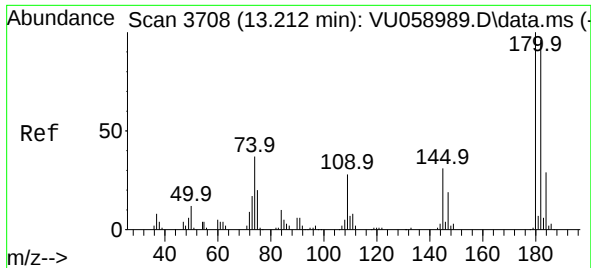
Ion Ratio Lower Upper

75 100

155 64.6 60.2 90.4

157 89.8 77.2 115.8





#69

1,3,5-Trichlorobenzene

Concen: 2.526 ug/L

RT: 13.219 min Scan# 31

Delta R.T. 0.006 min

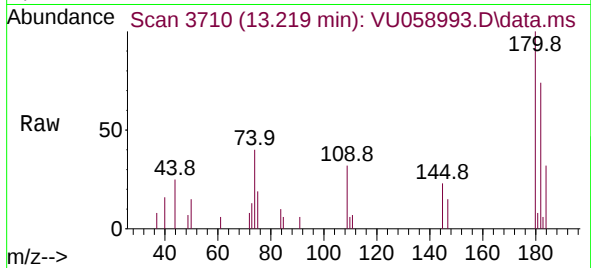
Lab File: VU058993.D

Acq: 25 May 2024 12:54

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 3239

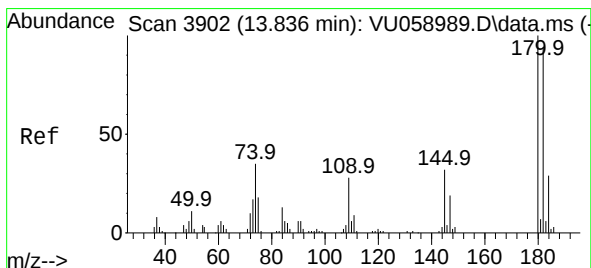
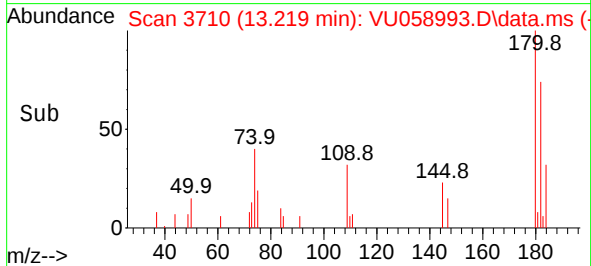
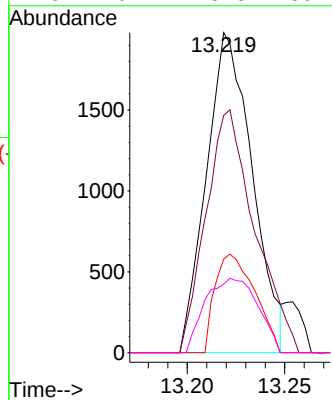
Ion Ratio Lower Upper

180 100

182 80.5 75.7 113.5

184 26.8 24.3 36.5

145 26.7 23.8 35.6



#70

1,2,4-trichlorobenzene

Concen: 1.950 ug/L

RT: 13.846 min Scan# 3905

Delta R.T. 0.009 min

Lab File: VU058993.D

Acq: 25 May 2024 12:54

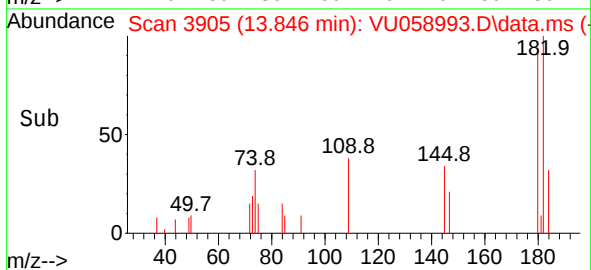
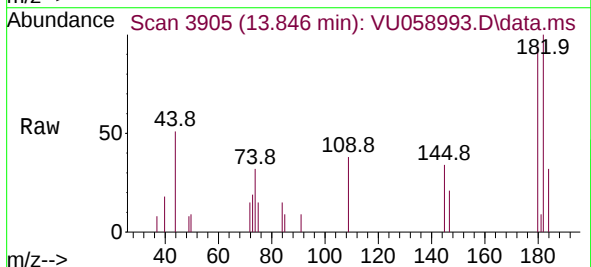
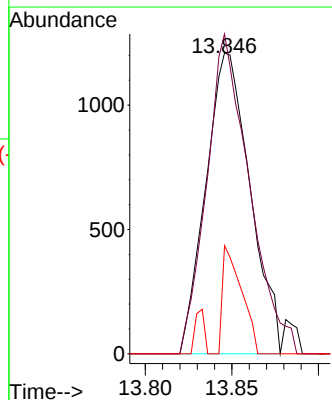
Tgt Ion:180 Resp: 2154

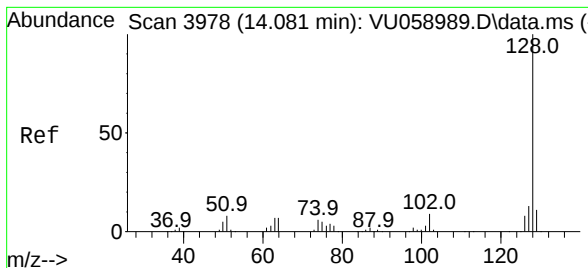
Ion Ratio Lower Upper

180 100

182 101.2 78.6 117.8

145 15.5 24.6 37.0#





#71

Naphthalene

Concen: 2.051 ug/L

RT: 14.100 min Scan# 3984

Delta R.T. 0.019 min

Lab File: VU058993.D

Acq: 25 May 2024 12:54

Instrument :

MSVOA_U

ClientSampleId :

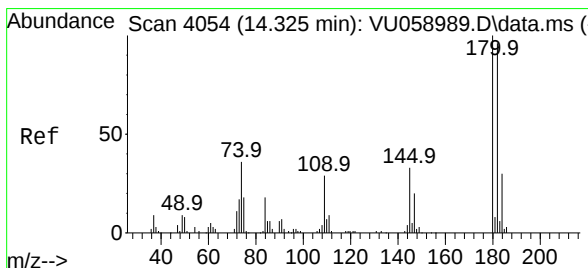
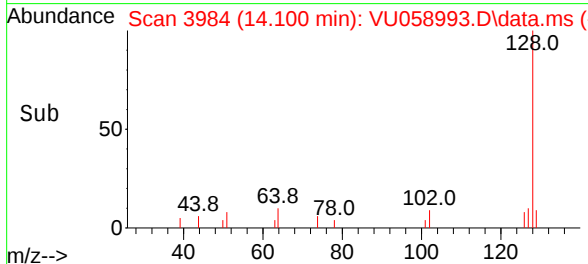
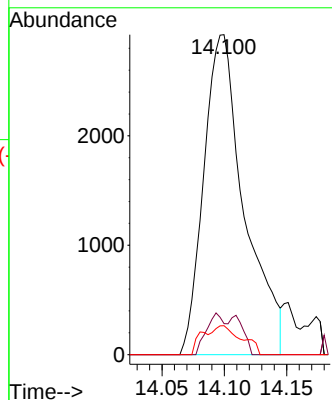
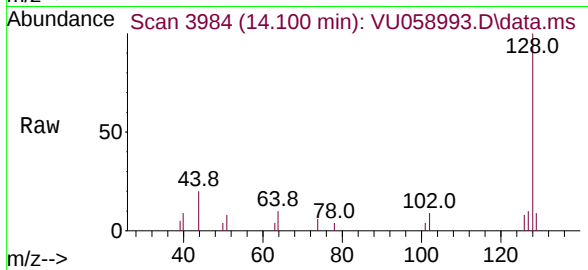
Tgt Ion:128 Resp: 6609

Ion Ratio Lower Upper

128 100

127 6.3 10.8 16.2#

129 3.1 8.8 13.2#



#72

1,2,3-Trichlorobenzene

Concen: 2.109 ug/L

RT: 14.331 min Scan# 4056

Delta R.T. 0.006 min

Lab File: VU058993.D

Acq: 25 May 2024 12:54

Tgt Ion:180 Resp: 2386

Ion Ratio Lower Upper

180 100

182 111.3 76.1 114.1

145 24.2 26.2 39.2#

