

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051724\
 Data File : VU058909.D
 Acq On : 17 May 2024 14:57
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 18 00:12:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 18 00:11:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	152402	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	152762	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	79630	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	36659	3.971	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.400%
7) Chloroethane-d5	1.911	69	36981	4.432	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.563	65	15365	4.084	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.600%
20) 2-Butanone-d5	4.634	46	133044	55.432	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.860%
24) Chloroform-d	5.058	84	92405	4.957	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.698	65	46221	4.824	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.721	84	164790	4.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.685	67	57386	4.912	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.894	98	142845	4.476	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	8.174	79	19561	4.879	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.600%
46) 2-Hexanone-d5	8.627	63	104169	54.137	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.280%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	52225	5.176	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	55964	4.673	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	59261	5.315	ug/L	100
3) Chloromethane	1.518	50	66530	5.124	ug/L	99
5) Vinyl chloride	1.602	62	71083	5.111	ug/L	100
6) Bromomethane	1.856	94	43300	4.997	ug/L	94
8) Chloroethane	1.933	64	45494	5.147	ug/L	99
9) Trichlorofluoromethane	2.136	101	92869	5.206	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	57578	5.326	ug/L	99
12) 1,1-Dichloroethene	2.576	96	49475	5.211	ug/L	97
13) Acetone	2.647	43	96257	58.024	ug/L	100
14) Carbon disulfide	2.792	76	147628	4.907	ug/L	100
15) Methyl Acetate	2.956	43	22119	5.365	ug/L	97
16) Methylene chloride	3.039	84	107529	8.348	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	127489	5.166	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	52093	5.211	ug/L	99
19) 1,1-Dichloroethane	3.862	63	112685	5.392	ug/L	99
21) 2-Butanone	4.711	43	150219	56.458	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	61468	5.341	ug/L	96
23) Bromochloromethane	4.968	128	26277	5.169	ug/L	91
25) Chloroform	5.081	83	114978	5.265	ug/L	98

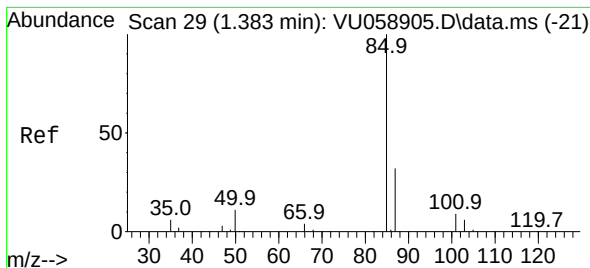
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051724\
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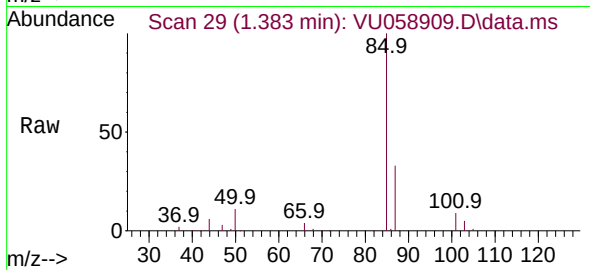
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	70425	5.278	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	91076	5.332	ug/L	100
30) Cyclohexane	5.383	56	82663	5.119	ug/L	99
31) Carbon tetrachloride	5.518	117	74774	5.248	ug/L	100
33) Benzene	5.769	78	244024	5.435	ug/L	100
34) Trichloroethene	6.537	95	62918	5.297	ug/L	97
35) Methylcyclohexane	6.759	83	88749	5.237	ug/L	99
37) 1,2-Dichloropropane	6.785	63	68708	5.391	ug/L	98
38) Bromodichloromethane	7.100	83	82036	5.369	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	90446	5.207	ug/L	96
40) 4-Methyl-2-pentanone	7.785	43	358678	54.445	ug/L	99
42) Toluene	7.965	91	256140	5.469	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	73322	5.173	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	47952	5.348	ug/L	98
47) Tetrachloroethene	8.547	164	45214	5.343	ug/L	94
48) 2-Hexanone	8.679	43	276360	58.212	ug/L	100
49) Dibromochloromethane	8.804	129	49431	5.228	ug/L	96
50) 1,2-Dibromoethane	8.920	107	42734	5.393	ug/L	96
51) Chlorobenzene	9.444	112	153512	5.144	ug/L	99
52) Ethylbenzene	9.566	91	270038	5.341	ug/L	99
53) m,p-Xylene	9.688	106	99237	5.363	ug/L	95
54) o-Xylene	10.097	106	94673	5.231	ug/L	93
55) Styrene	10.110	104	169579	5.569	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	60513	5.323	ug/L	97
59) Bromoform	10.287	173	28506	4.899	ug/L	98
60) Isopropylbenzene	10.479	105	264086	5.180	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	41687	5.084	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	209310	5.151	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	211049	5.238	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	128620	5.185	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	130478	5.270	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	122091	5.266	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	8687	5.266	ug/L	91
69) 1,3,5-Trichlorobenzene	13.216	180	95289	5.123	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	73460	4.786	ug/L	97
71) Naphthalene	14.084	128	103752	4.485	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	66199	4.915	ug/L	98

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

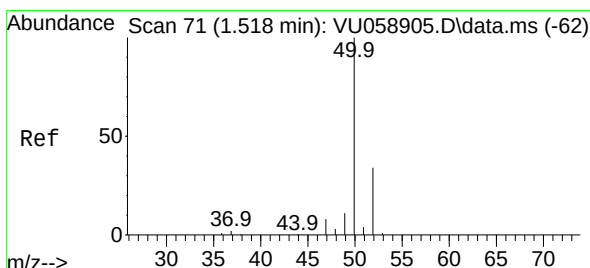
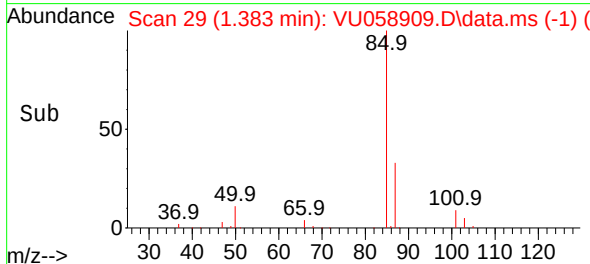
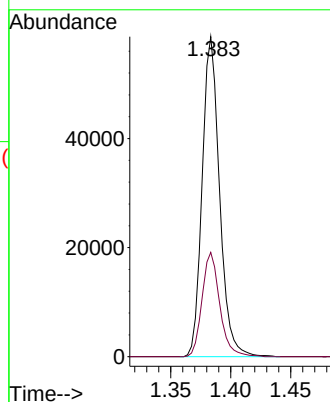


#2
 Dichlorodifluoromethane
 Concen: 5.315 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU058909.D
 Acq: 17 May 2024 14:57

Instrument :
 MSVOA_U
 ClientSampleId :

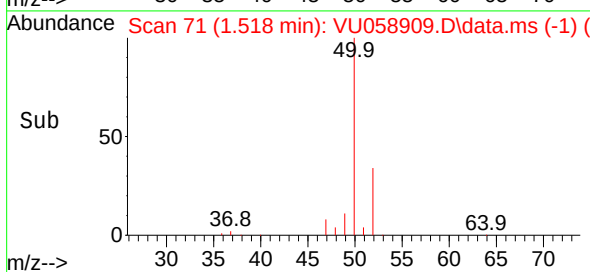
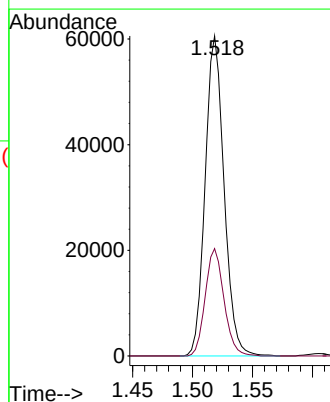
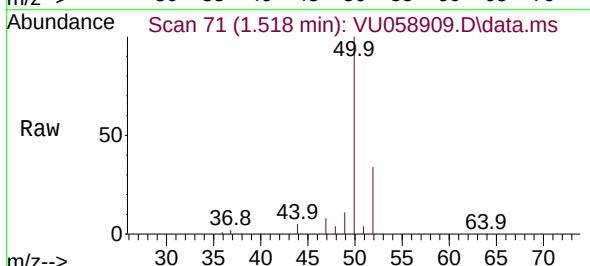


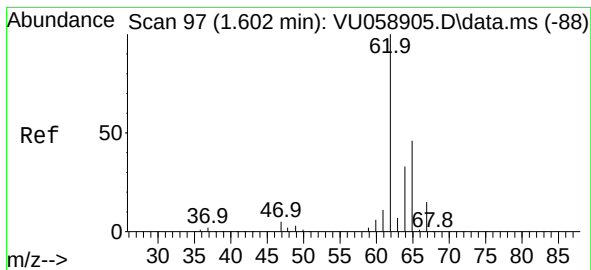
Tgt Ion: 85 Resp: 59261
 Ion Ratio Lower Upper
 85 100
 87 33.2 26.6 40.0



#3
 Chloromethane
 Concen: 5.124 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU058909.D
 Acq: 17 May 2024 14:57

Tgt Ion: 50 Resp: 66530
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.2 43.0





#5

Vinyl chloride

Concen: 5.111 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU058909.D

Acq: 17 May 2024 14:57

Instrument :

MSVOA_U

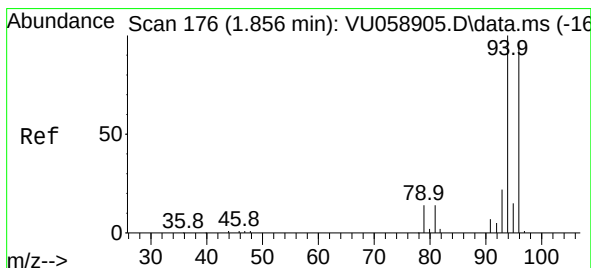
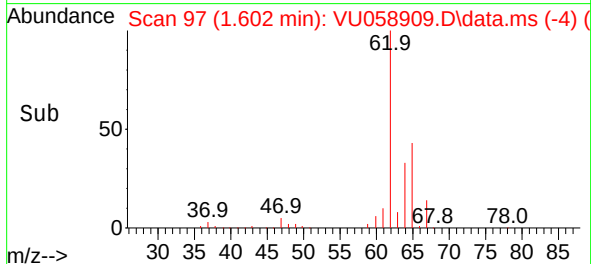
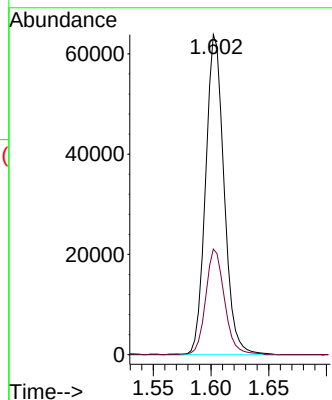
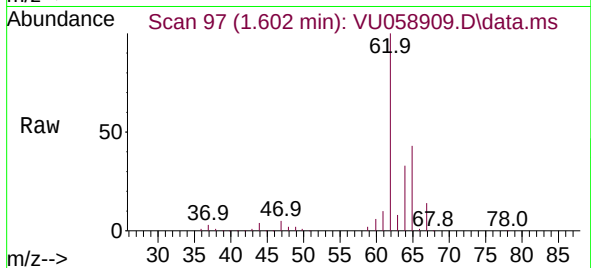
ClientSampleId :

Tgt Ion: 62 Resp: 71083

Ion Ratio Lower Upper

62 100

64 33.0 23.1 42.9



#6

Bromomethane

Concen: 4.997 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.000 min

Lab File: VU058909.D

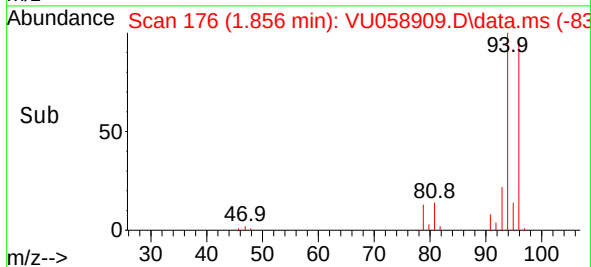
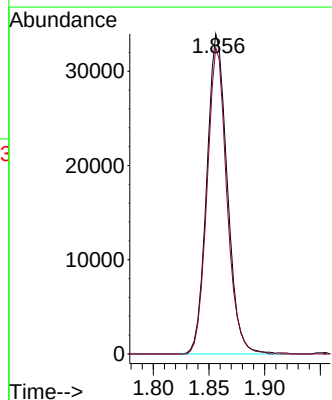
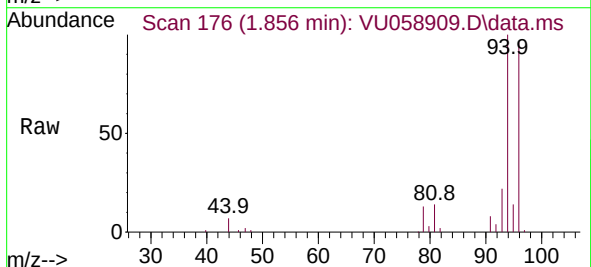
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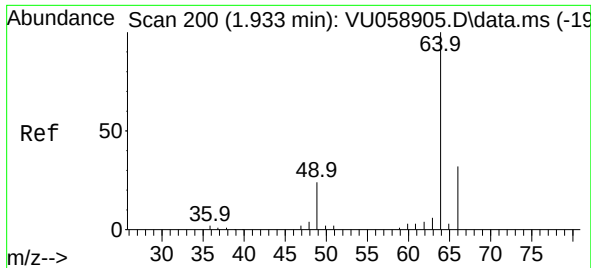
Tgt Ion: 94 Resp: 43300

Ion Ratio Lower Upper

94 100

96 95.7 62.9 116.9

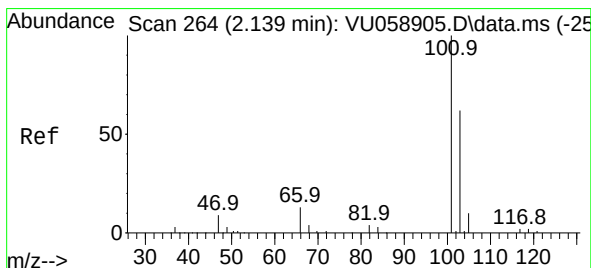
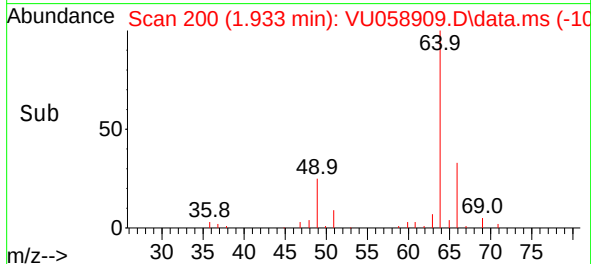
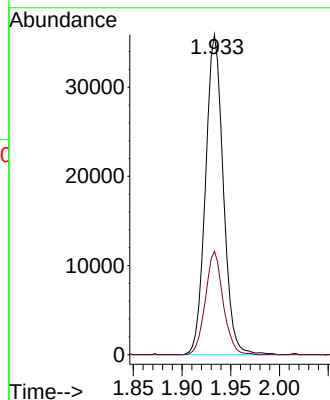
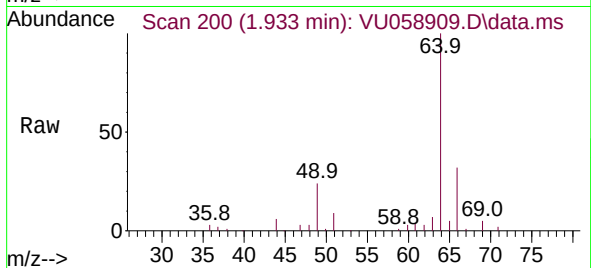




#8
Chloroethane
Concen: 5.147 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.000 min
Lab File: VU058909.D
Acq: 17 May 2024 14:57

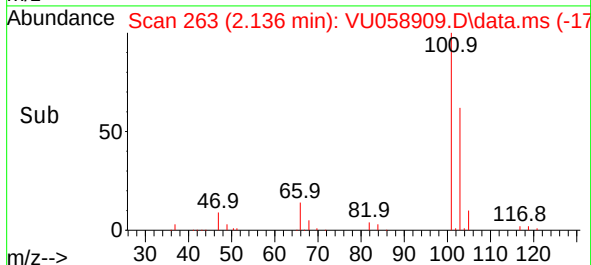
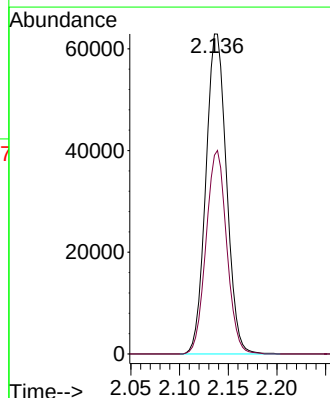
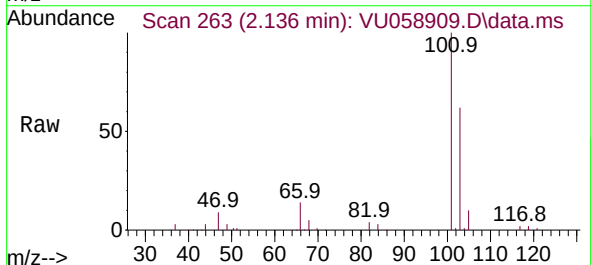
Instrument :
MSVOA_U
ClientSampleId :

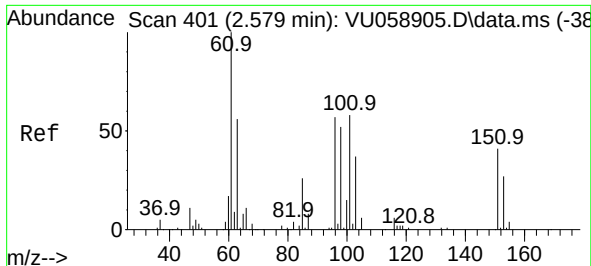
Tgt Ion: 64 Resp: 45494
Ion Ratio Lower Upper
64 100
66 32.4 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.206 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.003 min
Lab File: VU058909.D
Acq: 17 May 2024 14:57

Tgt Ion:101 Resp: 92869
Ion Ratio Lower Upper
101 100
103 63.4 52.6 79.0

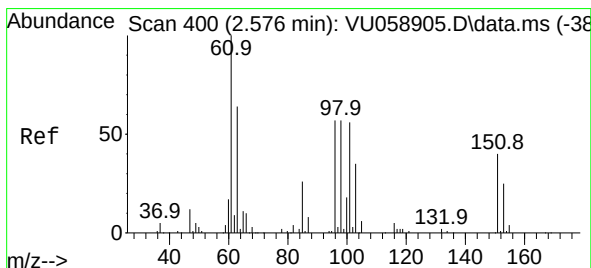
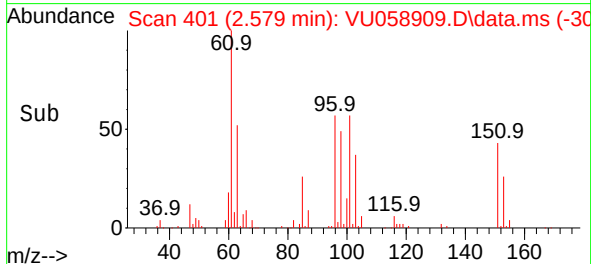
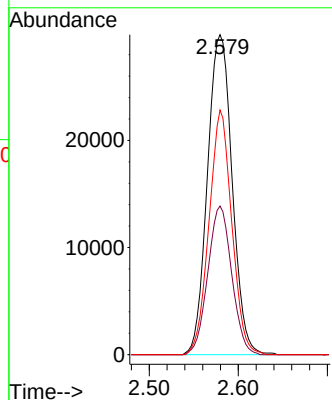
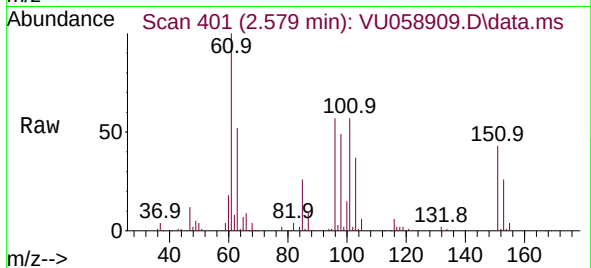




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.326 ug/L
RT: 2.579 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU058909.D
Acq: 17 May 2024 14:57

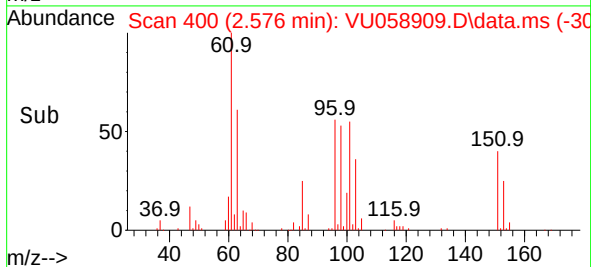
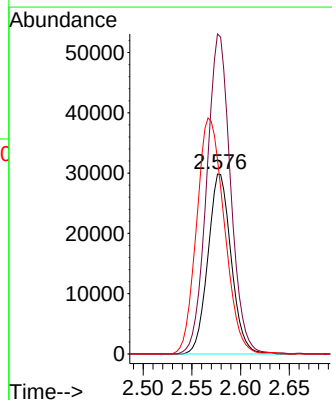
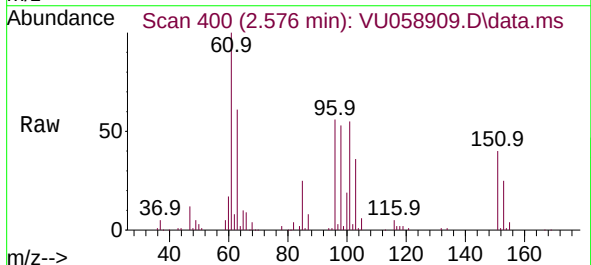
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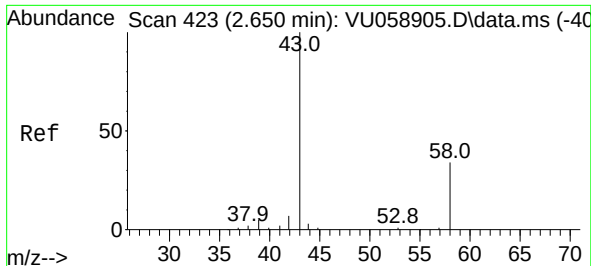
Tgt Ion:101 Resp: 57578
Ion Ratio Lower Upper
101 100
85 44.8 36.2 54.4
151 70.3 55.5 83.3



#12
1,1-Dichloroethene
Concen: 5.211 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU058909.D
Acq: 17 May 2024 14:57

Tgt Ion: 96 Resp: 49475
Ion Ratio Lower Upper
96 100
61 178.0 122.9 228.3
63 108.2 80.4 149.4





#13

Acetone

Concen: 58.024 ug/L

RT: 2.647 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU058909.D

Acq: 17 May 2024 14:57

Instrument :

MSVOA_U

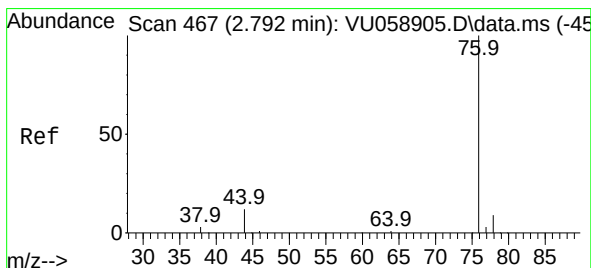
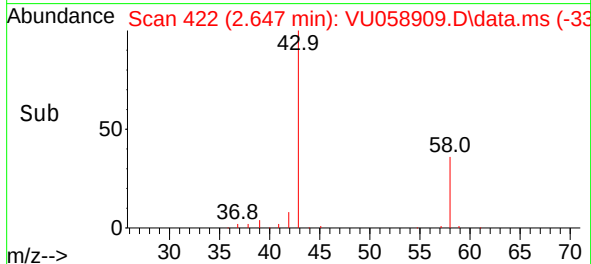
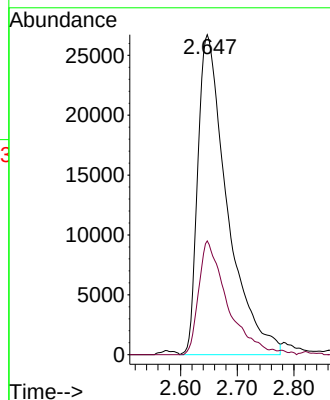
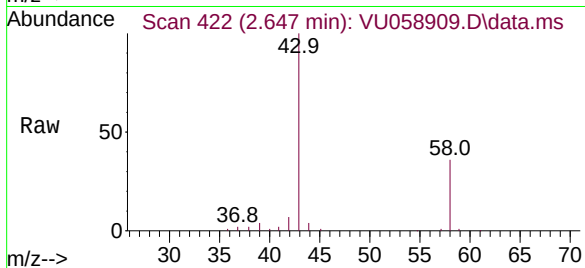
ClientSampleId :

Tgt Ion: 43 Resp: 96257

Ion Ratio Lower Upper

43 100

58 34.2 0.0 68.0



#14

Carbon disulfide

Concen: 4.907 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.000 min

Lab File: VU058909.D

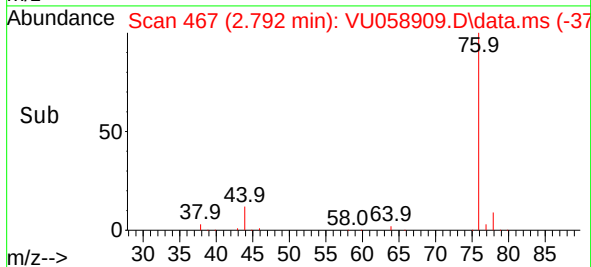
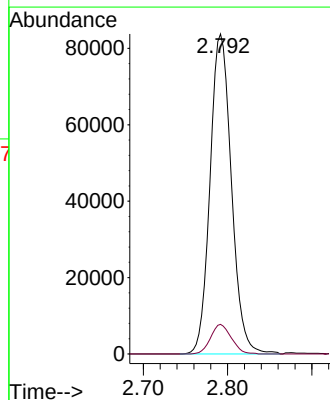
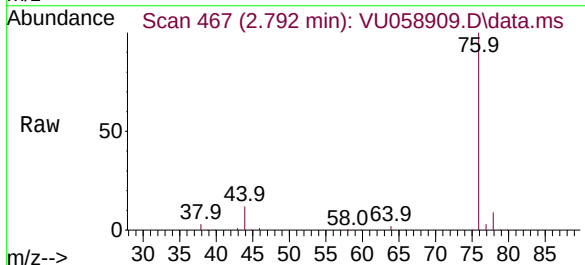
Acq: 17 May 2024 14:57

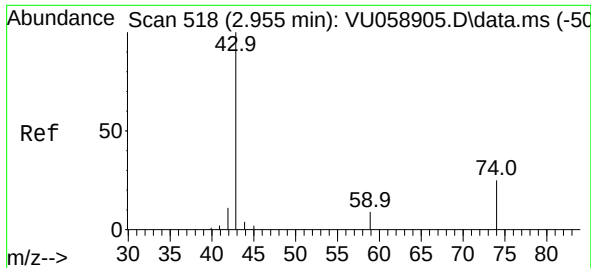
Tgt Ion: 76 Resp: 147628

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9





#15

Methyl Acetate

Concen: 5.365 ug/L

RT: 2.956 min Scan# 518

Delta R.T. 0.000 min

Lab File: VU058909.D

Acq: 17 May 2024 14:57

Instrument :

MSVOA_U

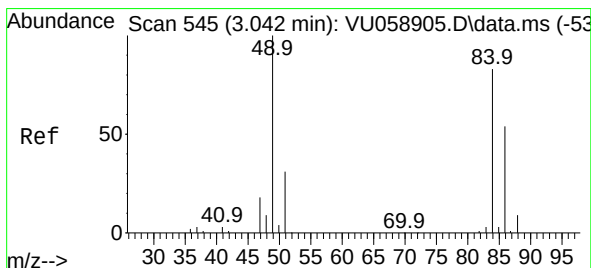
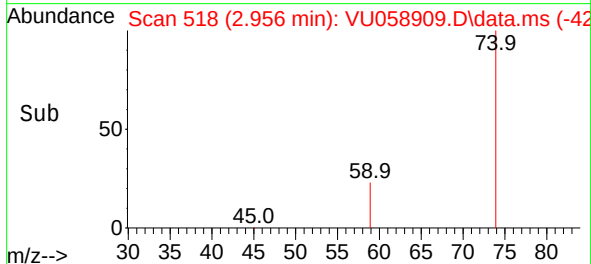
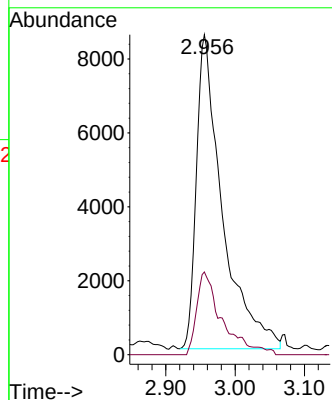
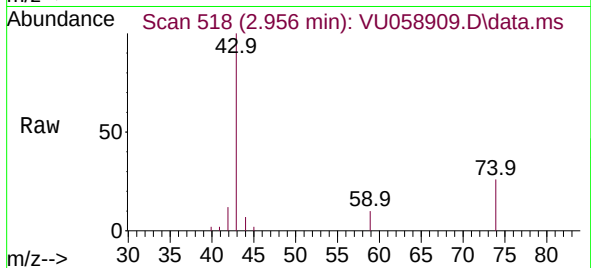
ClientSampleId :

Tgt Ion: 43 Resp: 22119

Ion Ratio Lower Upper

43 100

74 25.7 19.2 28.8



#16

Methylene chloride

Concen: 8.348 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.003 min

Lab File: VU058909.D

Acq: 17 May 2024 14:57

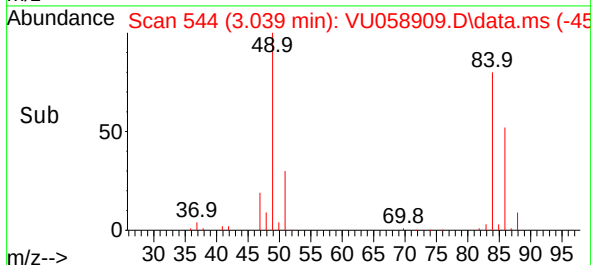
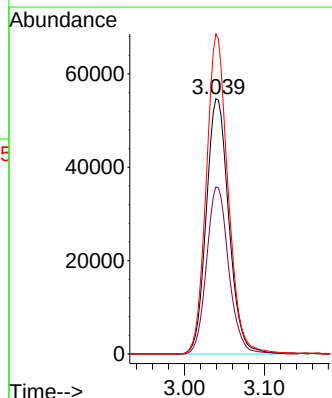
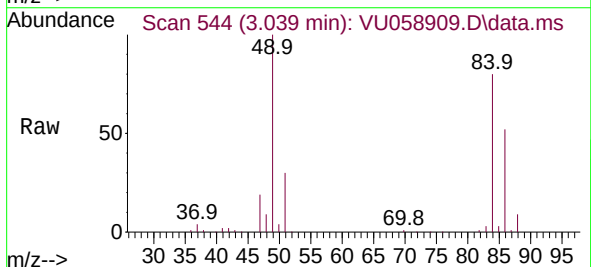
Tgt Ion: 84 Resp: 107529

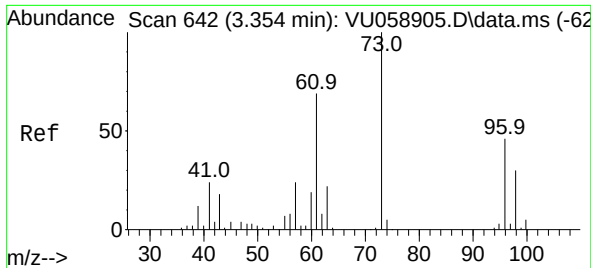
Ion Ratio Lower Upper

84 100

86 65.4 42.1 78.1

49 125.4 80.6 149.8

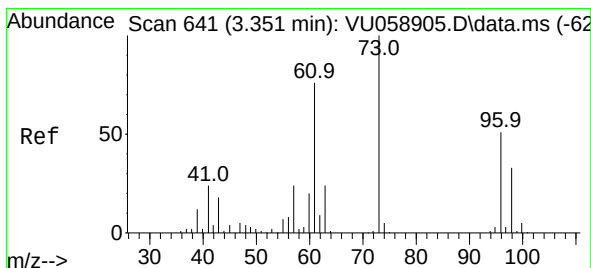
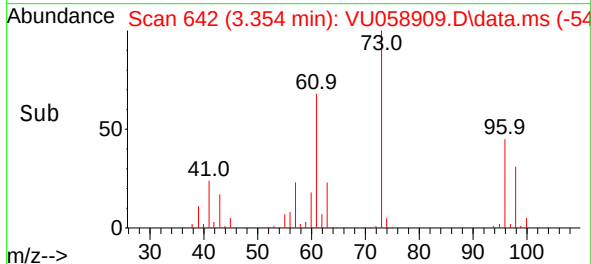
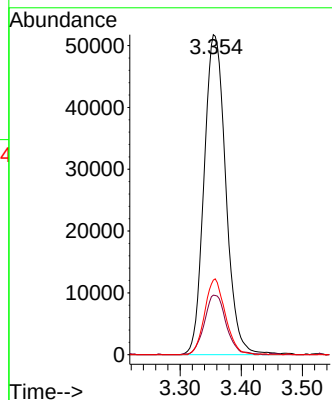
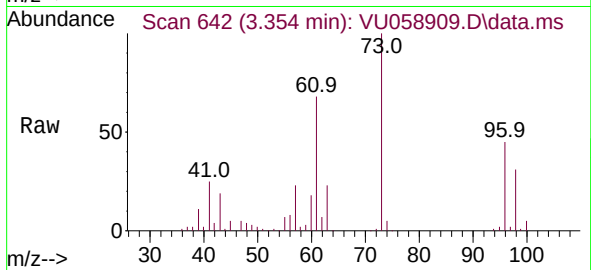




#17
Methyl tert-butyl Ether
Concen: 5.166 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU058909.D
Acq: 17 May 2024 14:57

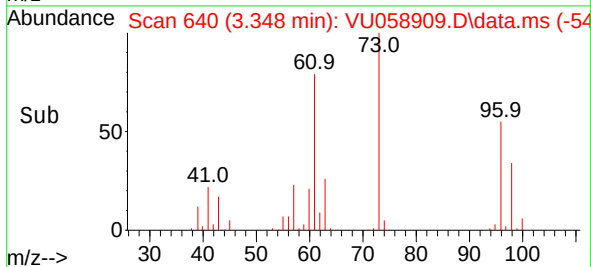
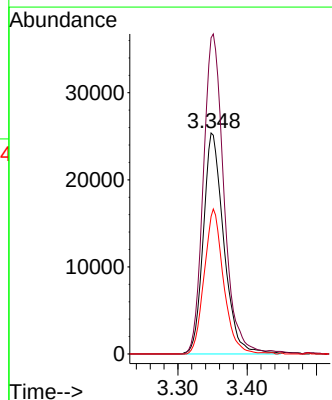
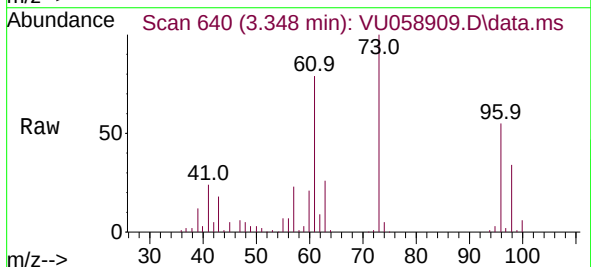
Instrument :
MSVOA_U
ClientSampleId :

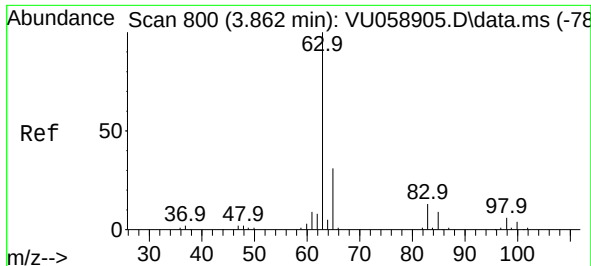
Tgt Ion: 73 Resp: 127489
Ion Ratio Lower Upper
73 100
43 18.8 14.9 22.3
57 22.5 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 5.211 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.003 min
Lab File: VU058909.D
Acq: 17 May 2024 14:57

Tgt Ion: 96 Resp: 52093
Ion Ratio Lower Upper
96 100
61 143.1 101.8 189.0
98 62.2 43.3 80.5

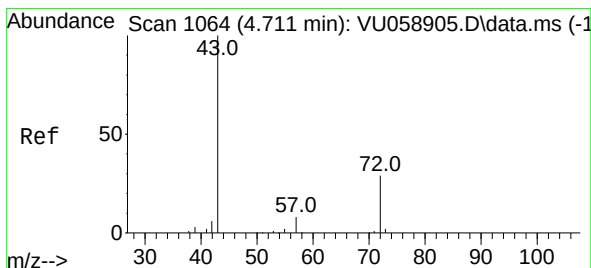
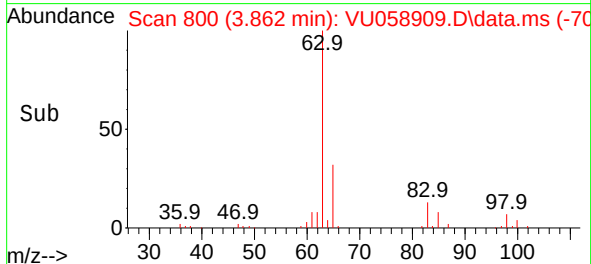
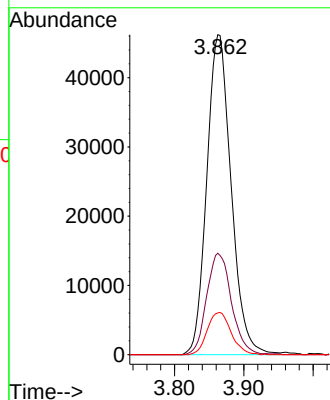
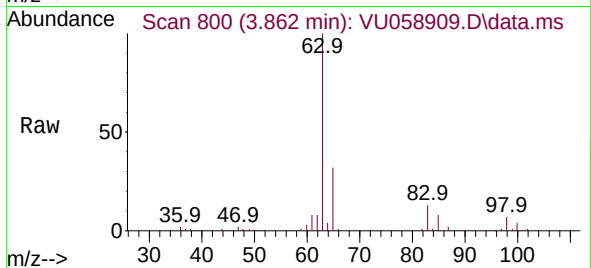




#19
1,1-Dichloroethane
Concen: 5.392 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU058909.D
Acq: 17 May 2024 14:57

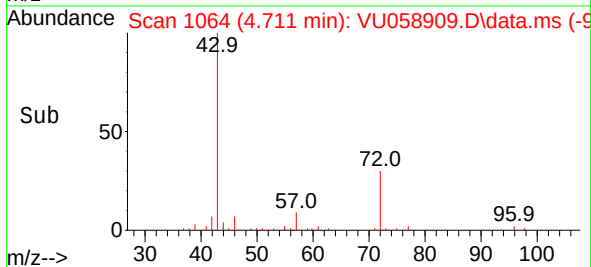
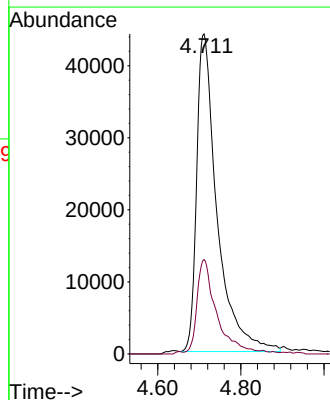
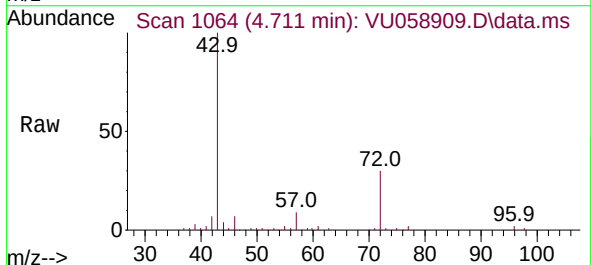
Instrument :
MSVOA_U
ClientSampleId :

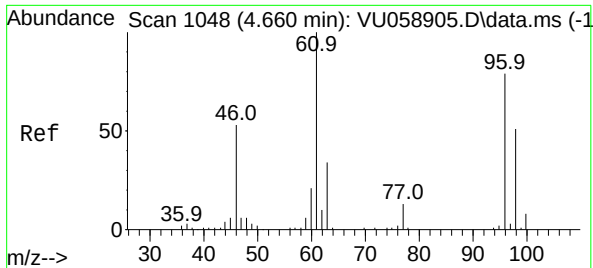
Tgt Ion: 63 Resp: 112685
Ion Ratio Lower Upper
63 100
65 31.7 21.8 40.6
83 13.1 9.9 18.5



#21
2-Butanone
Concen: 56.458 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VU058909.D
Acq: 17 May 2024 14:57

Tgt Ion: 43 Resp: 150219
Ion Ratio Lower Upper
43 100
72 26.9 13.8 41.4

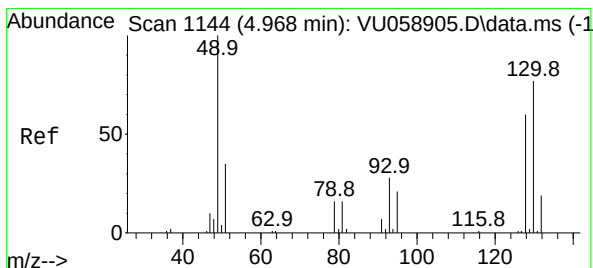
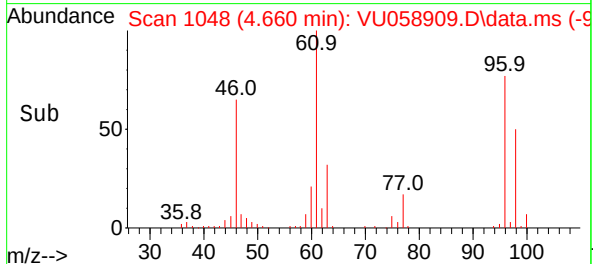
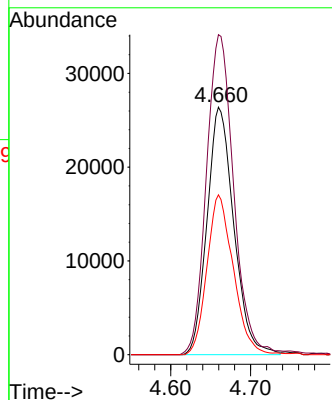
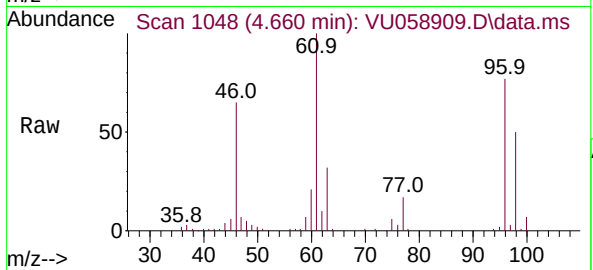




#22
cis-1,2-Dichloroethene
Concen: 5.341 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU058909.D
Acq: 17 May 2024 14:57

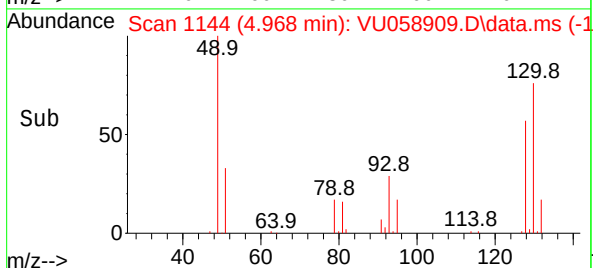
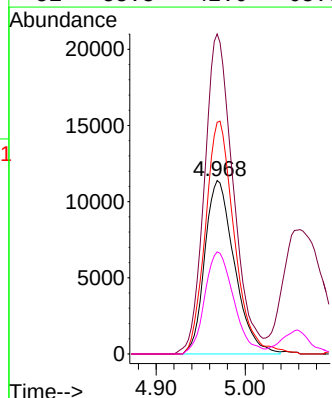
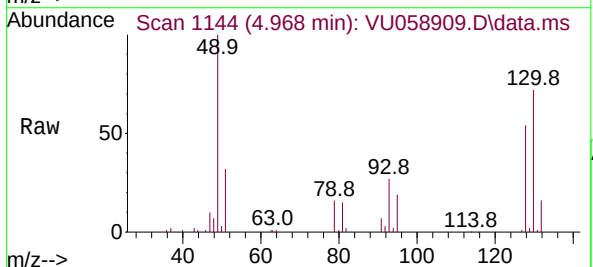
Instrument :
MSVOA_U
ClientSampleId :

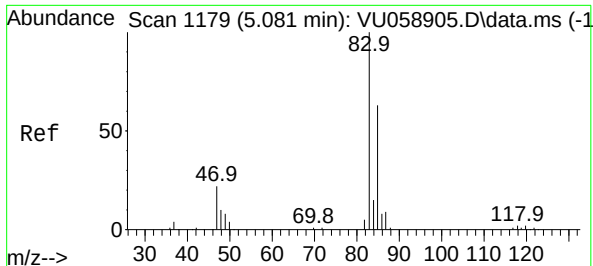
Tgt Ion: 96 Resp: 61468
Ion Ratio Lower Upper
96 100
61 129.3 87.4 162.2
98 64.6 42.3 78.5



#23
Bromochloromethane
Concen: 5.169 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VU058909.D
Acq: 17 May 2024 14:57

Tgt Ion:128 Resp: 26277
Ion Ratio Lower Upper
128 100
49 184.5 117.0 217.4
130 133.6 89.6 166.4
51 58.8 42.0 63.0





#25

Chloroform

Concen: 5.265 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU058909.D

Acq: 17 May 2024 14:57

Instrument :

MSVOA_U

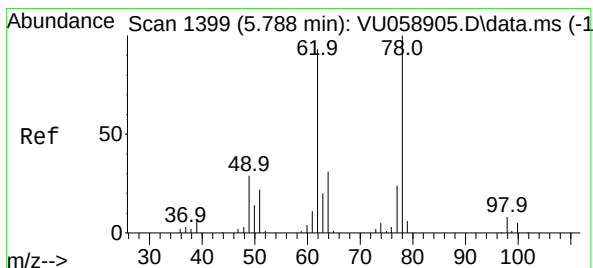
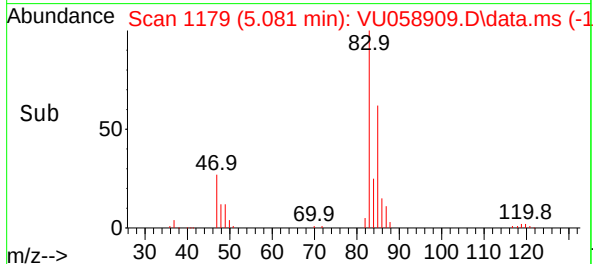
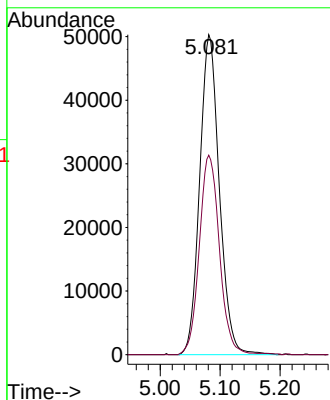
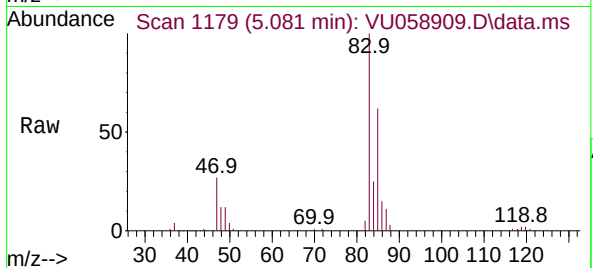
ClientSampleId :

Tgt Ion: 83 Resp: 114978

Ion Ratio Lower Upper

83 100

85 62.3 44.7 83.1



#27

1,2-Dichloroethane

Concen: 5.278 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU058909.D

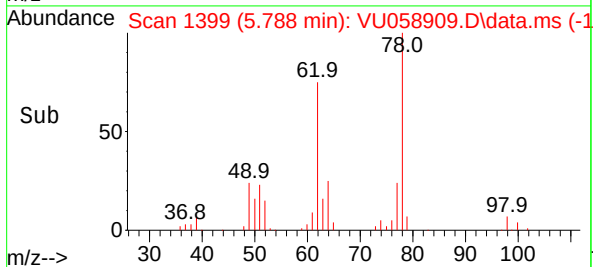
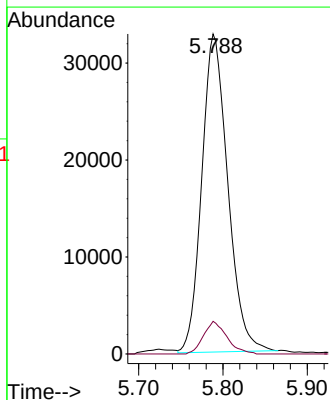
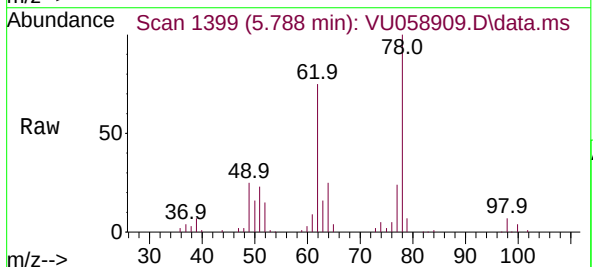
Acq: 17 May 2024 14:57

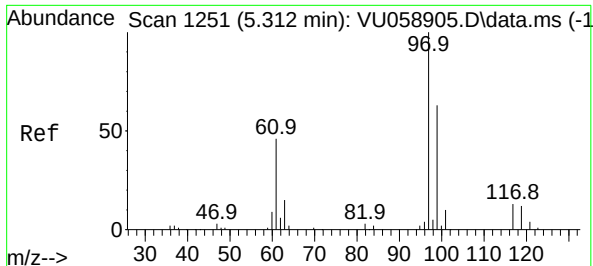
Tgt Ion: 62 Resp: 70425

Ion Ratio Lower Upper

62 100

98 10.2 7.5 11.3

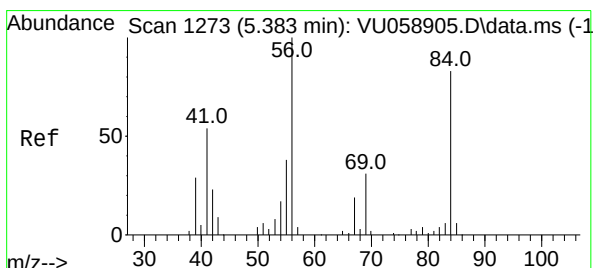
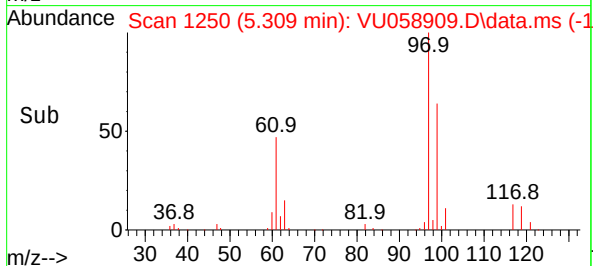
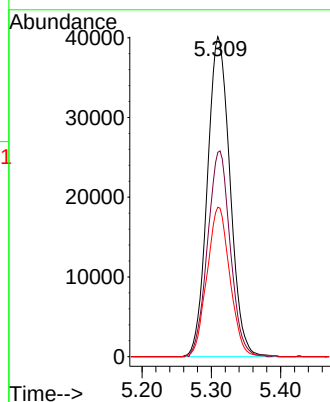
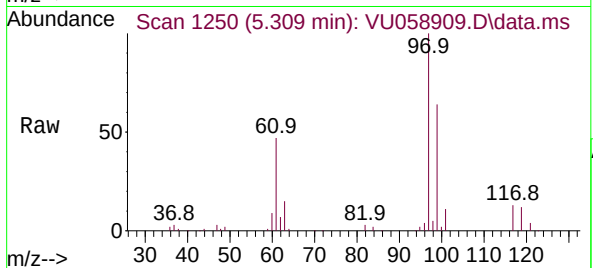




#29
1,1,1-Trichloroethane
Concen: 5.332 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.003 min
Lab File: VU058909.D
Acq: 17 May 2024 14:57

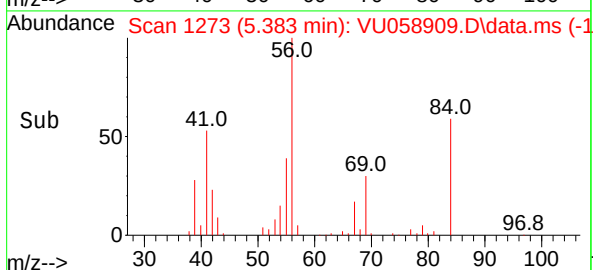
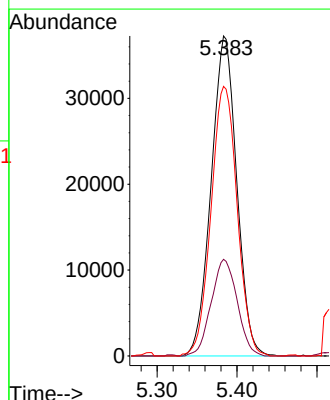
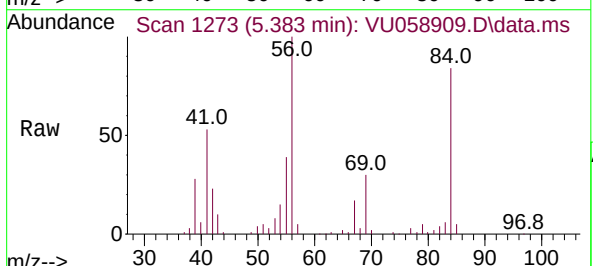
Instrument :
MSVOA_U
ClientSampleId :

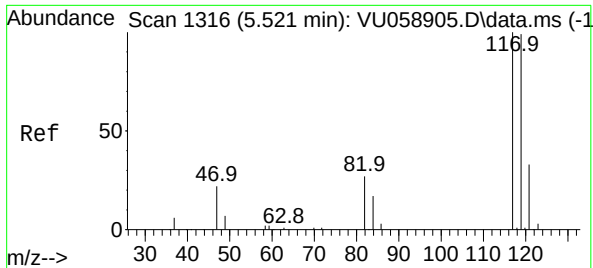
Tgt Ion: 97 Resp: 91076
Ion Ratio Lower Upper
97 100
99 64.3 51.8 77.6
61 47.0 37.4 56.2



#30
Cyclohexane
Concen: 5.119 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VU058909.D
Acq: 17 May 2024 14:57

Tgt Ion: 56 Resp: 82663
Ion Ratio Lower Upper
56 100
69 30.7 24.8 37.2
84 86.2 69.8 104.8

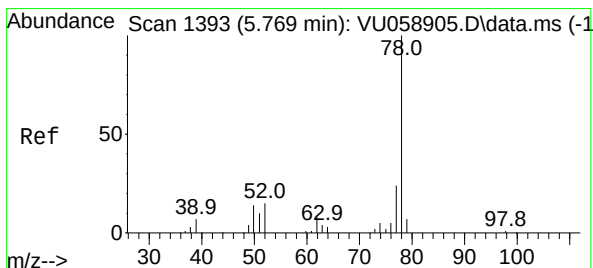
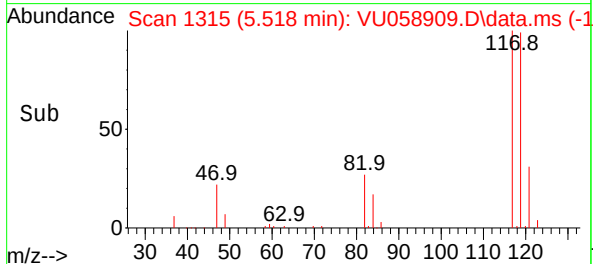
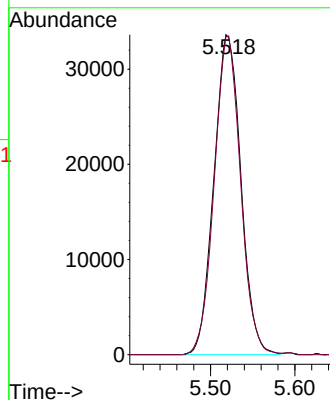
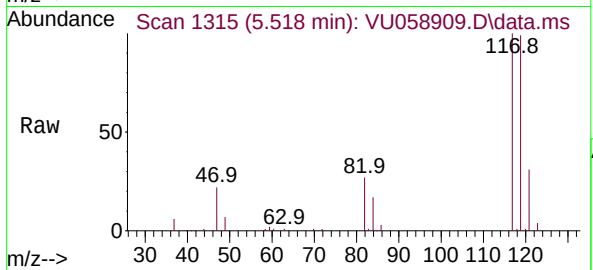




#31
Carbon tetrachloride
Concen: 5.248 ug/L
RT: 5.518 min Scan# 1316
Delta R.T. -0.003 min
Lab File: VU058909.D
Acq: 17 May 2024 14:57

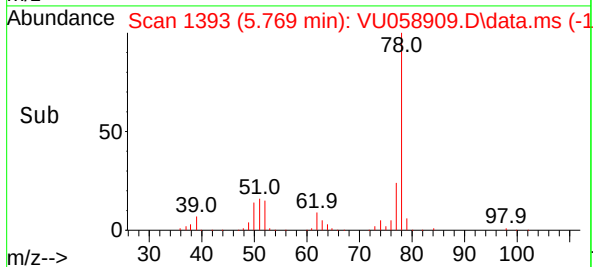
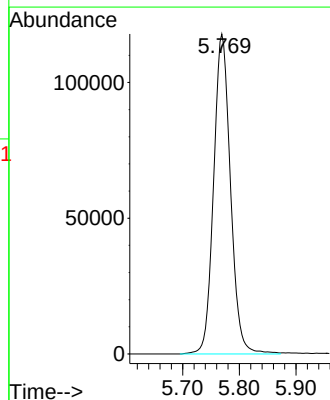
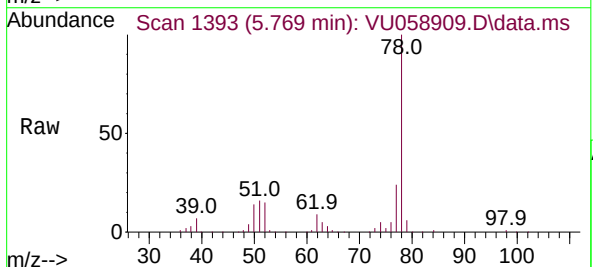
Instrument :
MSVOA_U
ClientSampleId :

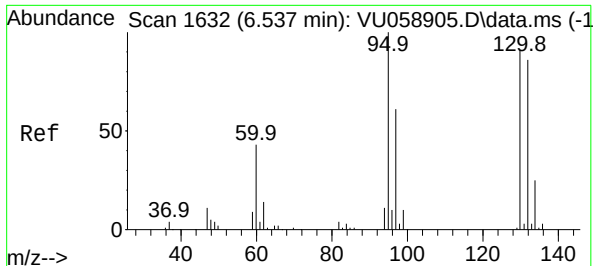
Tgt Ion:117 Resp: 74774
Ion Ratio Lower Upper
117 100
119 96.9 77.5 116.3



#33
Benzene
Concen: 5.435 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU058909.D
Acq: 17 May 2024 14:57

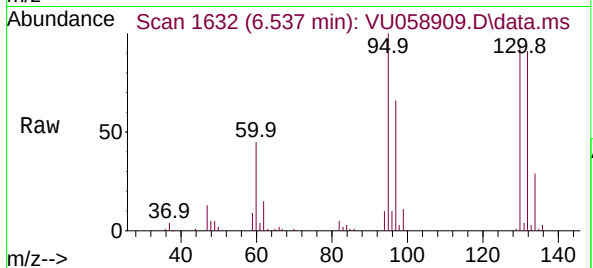
Tgt Ion: 78 Resp: 244024



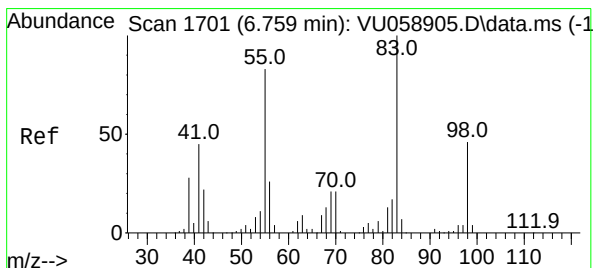
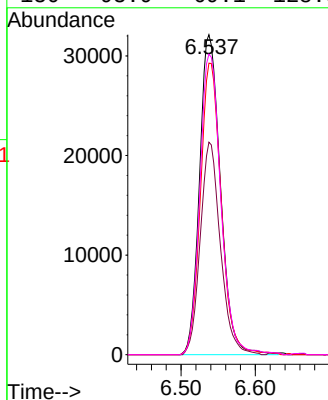
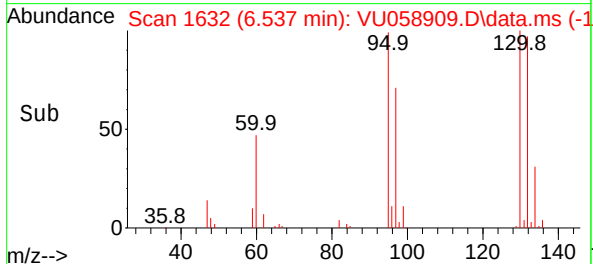


#34
Trichloroethene
Concen: 5.297 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU058909.D
Acq: 17 May 2024 14:57

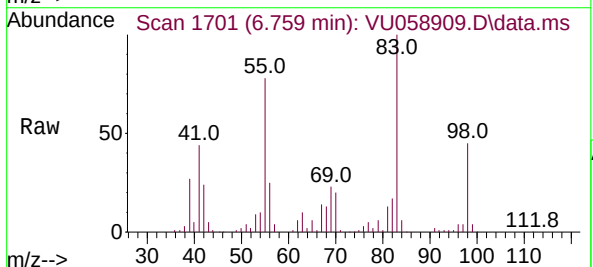
Instrument :
MSVOA_U
ClientSampleId :



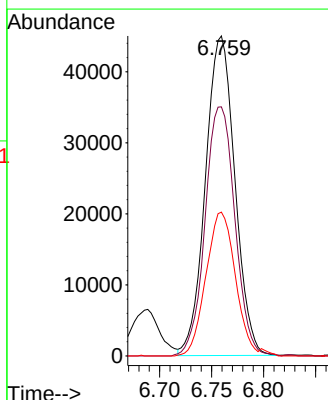
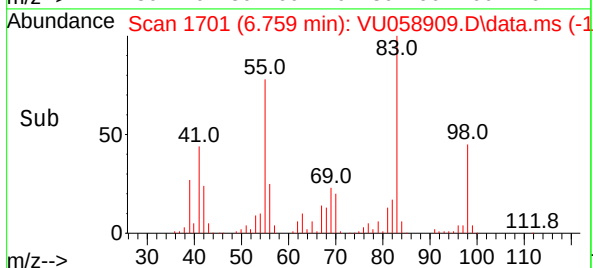
Tgt Ion: 95 Resp: 62918
Ion Ratio Lower Upper
95 100
97 66.4 45.3 84.1
132 91.1 64.0 119.0
130 93.9 69.1 128.3

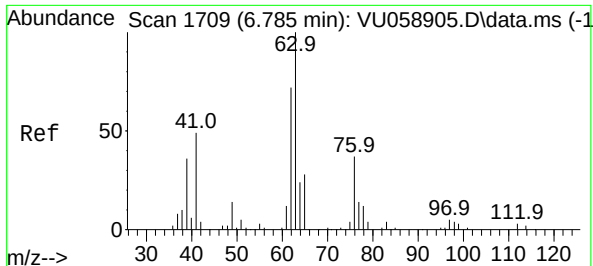


#35
Methylcyclohexane
Concen: 5.237 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU058909.D
Acq: 17 May 2024 14:57



Tgt Ion: 83 Resp: 88749
Ion Ratio Lower Upper
83 100
55 79.0 62.7 94.1
98 44.7 35.4 53.0

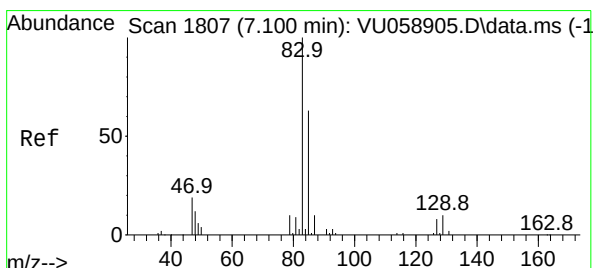
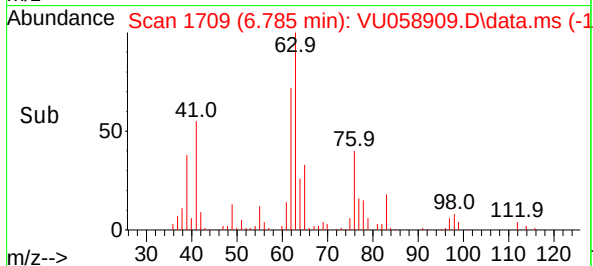
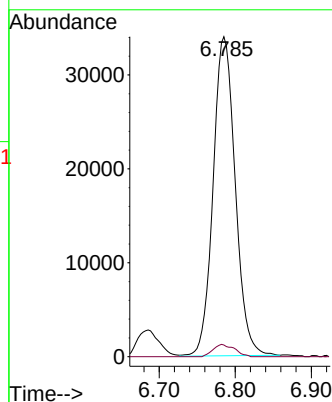
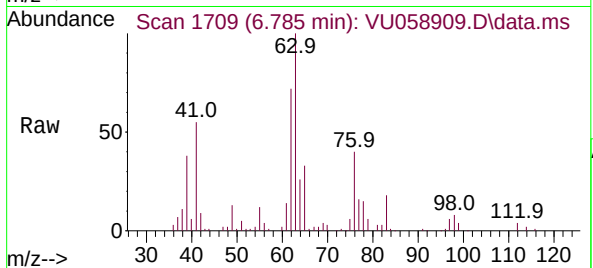




#37
1,2-Dichloropropane
Concen: 5.391 ug/L
RT: 6.785 min Scan# 1709
Delta R.T. 0.000 min
Lab File: VU058909.D
Acq: 17 May 2024 14:57

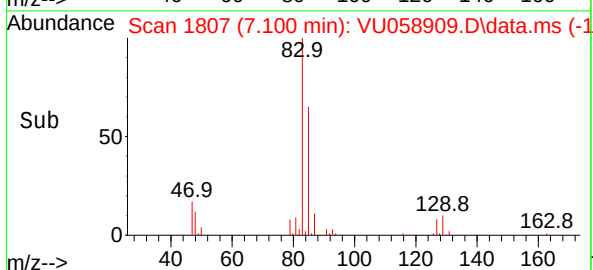
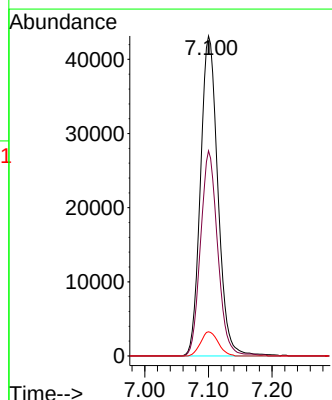
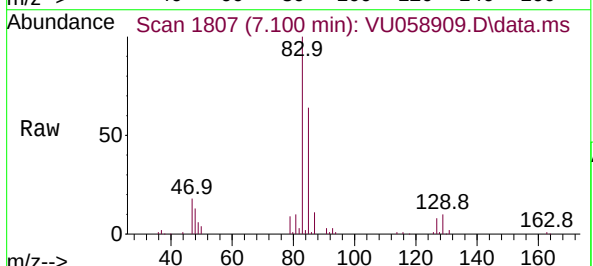
Instrument :
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ClientSampleId :

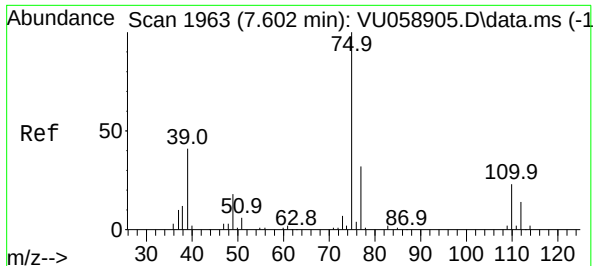
Tgt Ion: 63 Resp: 68708
Ion Ratio Lower Upper
63 100
112 3.7 2.6 3.8



#38
Bromodichloromethane
Concen: 5.369 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU058909.D
Acq: 17 May 2024 14:57

Tgt Ion: 83 Resp: 82036
Ion Ratio Lower Upper
83 100
85 64.1 42.7 79.3
127 7.6 6.1 9.1

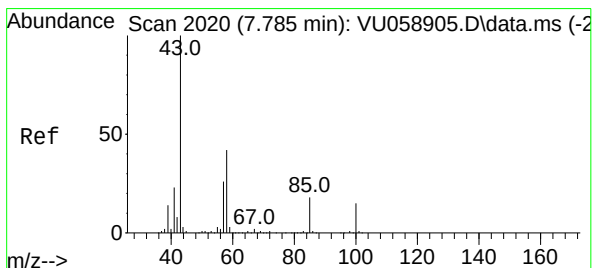
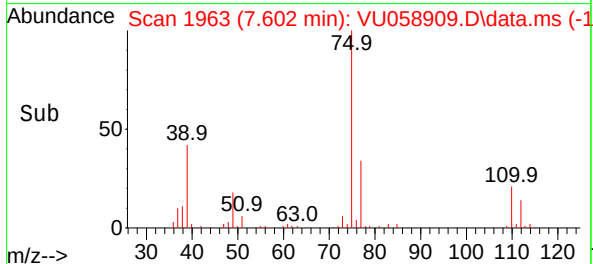
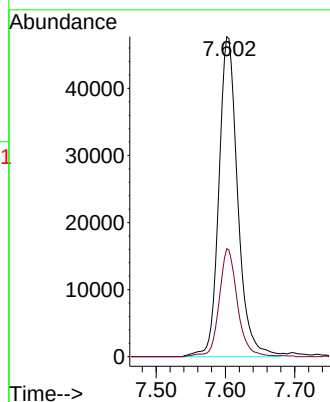
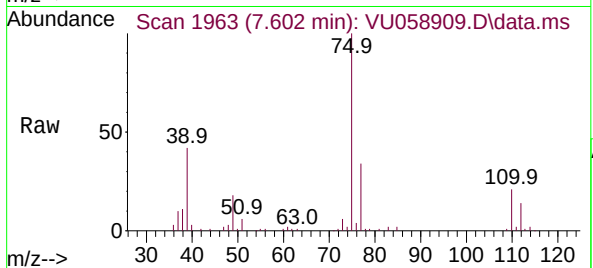




#39
cis-1,3-Dichloropropene
Concen: 5.207 ug/L
RT: 7.602 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VU058909.D
Acq: 17 May 2024 14:57

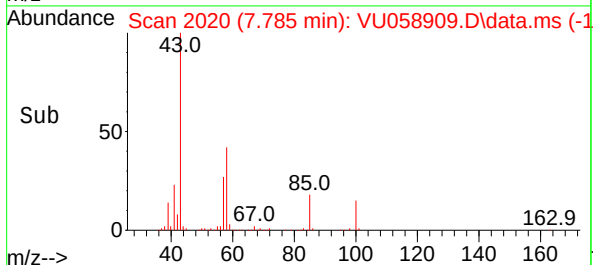
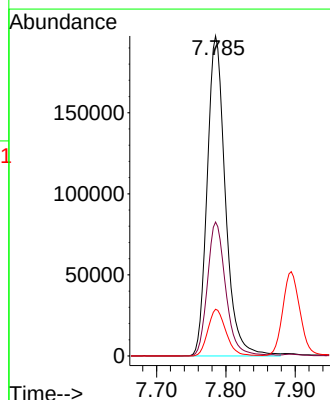
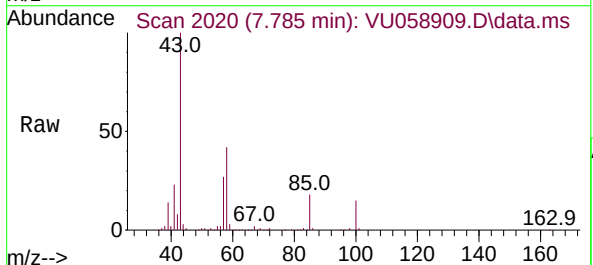
Instrument :
MSVOA_U
ClientSampleId :

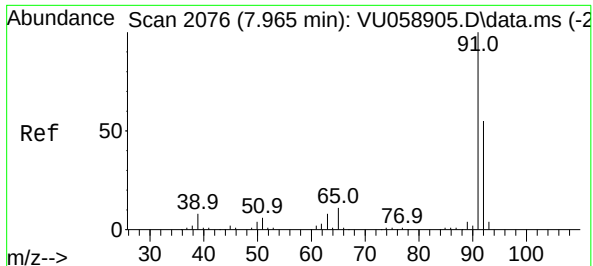
Tgt Ion: 75 Resp: 90446
Ion Ratio Lower Upper
75 100
77 33.7 22.0 40.8



#40
4-Methyl-2-pentanone
Concen: 54.445 ug/L
RT: 7.785 min Scan# 2020
Delta R.T. 0.000 min
Lab File: VU058909.D
Acq: 17 May 2024 14:57

Tgt Ion: 43 Resp: 358678
Ion Ratio Lower Upper
43 100
58 42.1 34.0 51.0
100 14.5 12.1 18.1





#42

Toluene

Concen: 5.469 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU058909.D

Acq: 17 May 2024 14:57

Instrument :

MSVOA_U

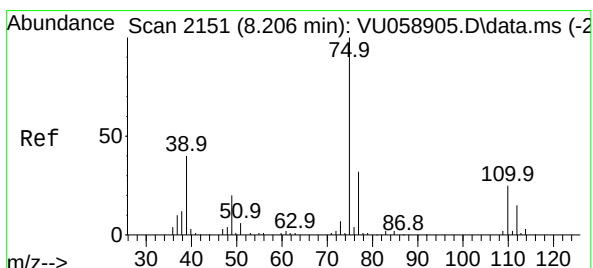
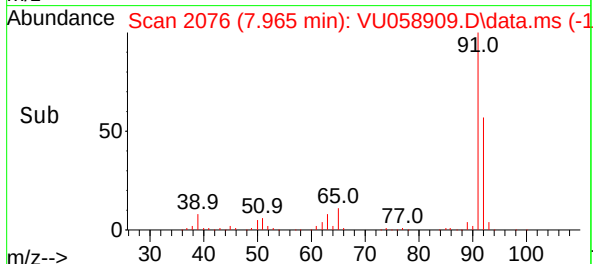
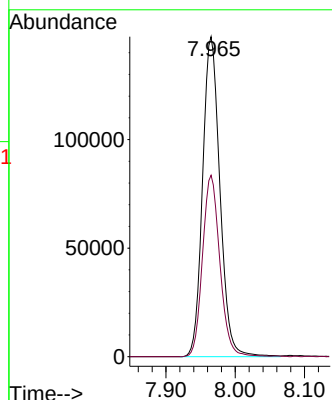
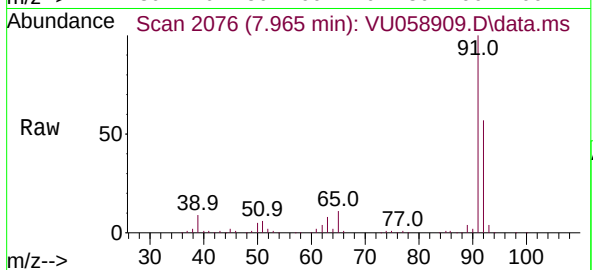
ClientSampleId :

Tgt Ion: 91 Resp: 256140

Ion Ratio Lower Upper

91 100

92 56.7 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.173 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU058909.D

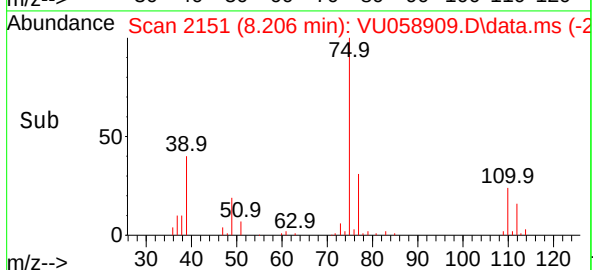
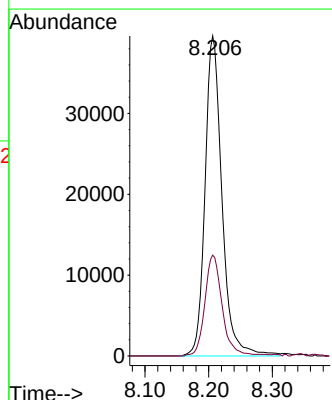
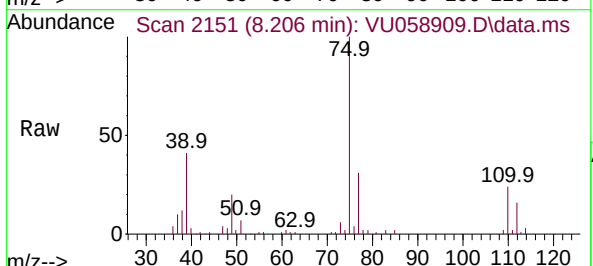
Acq: 17 May 2024 14:57

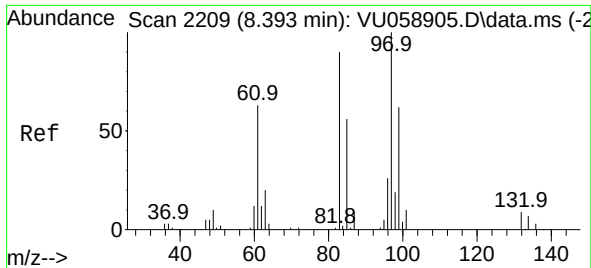
Tgt Ion: 75 Resp: 73322

Ion Ratio Lower Upper

75 100

77 31.5 22.0 41.0

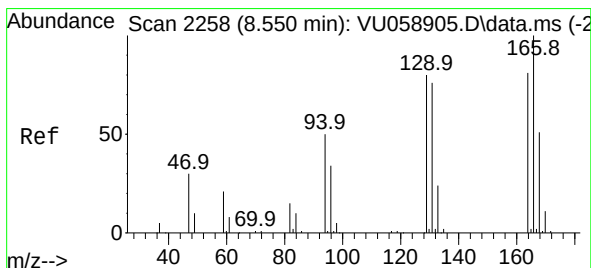
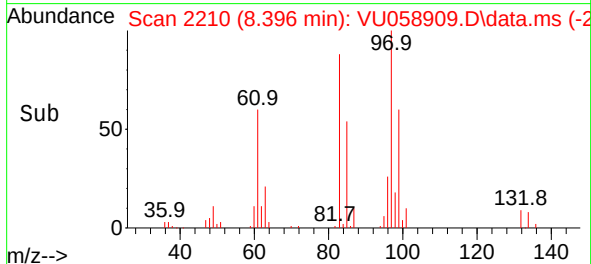
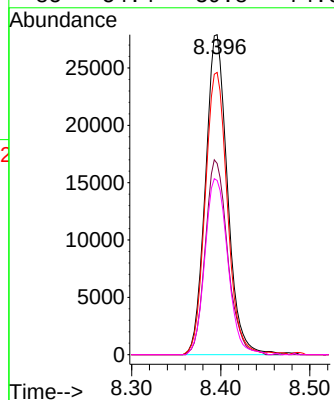
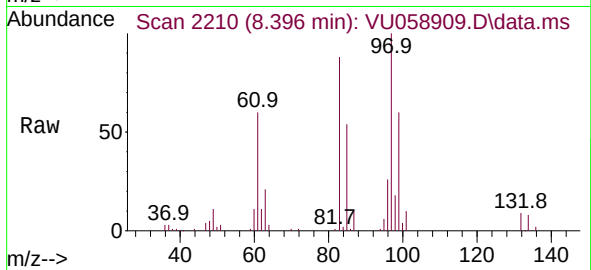




#45
1,1,2-Trichloroethane
Concen: 5.348 ug/L
RT: 8.396 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VU058909.D
Acq: 17 May 2024 14:57

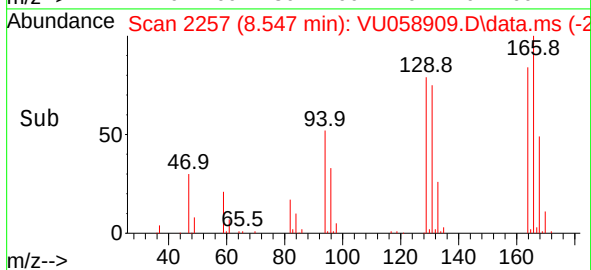
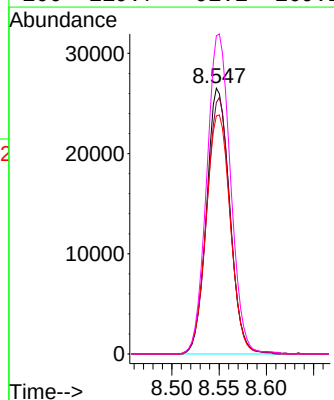
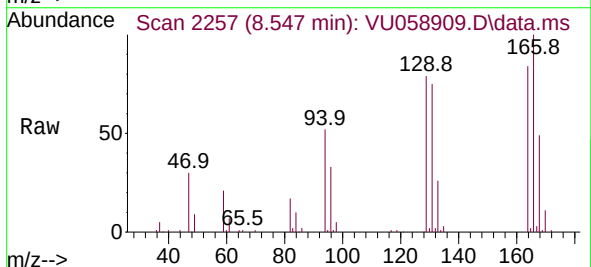
Instrument :
MSVOA_U
ClientSampleId :

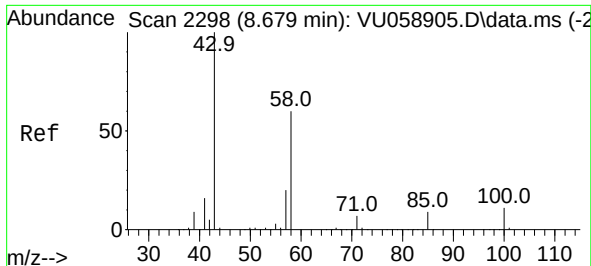
Tgt Ion:	97	Resp:	47952
Ion	Ratio	Lower	Upper
97	100		
99	59.8	43.3	80.3
83	88.2	62.3	115.7
85	54.4	39.8	74.0



#47
Tetrachloroethene
Concen: 5.343 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU058909.D
Acq: 17 May 2024 14:57

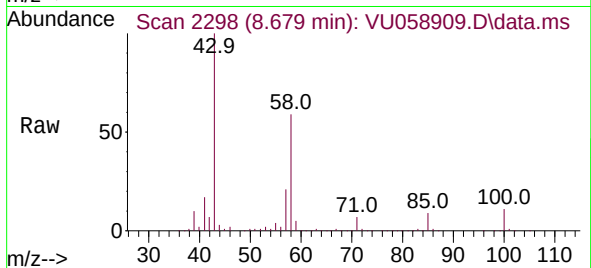
Tgt Ion:	164	Resp:	45214
Ion	Ratio	Lower	Upper
164	100		
129	94.6	70.8	131.4
131	89.6	64.8	120.3
166	119.7	91.1	169.1



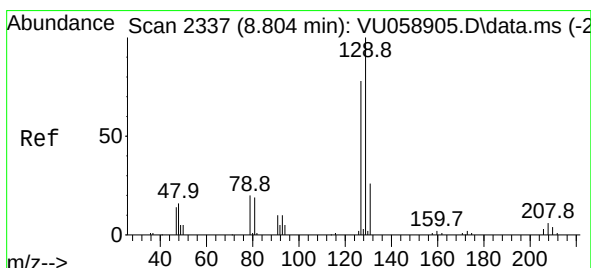
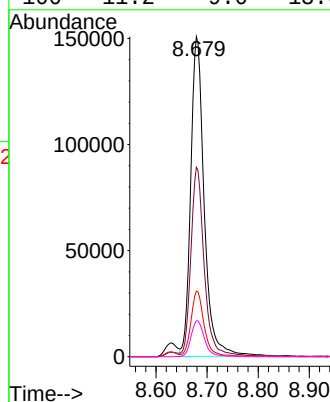
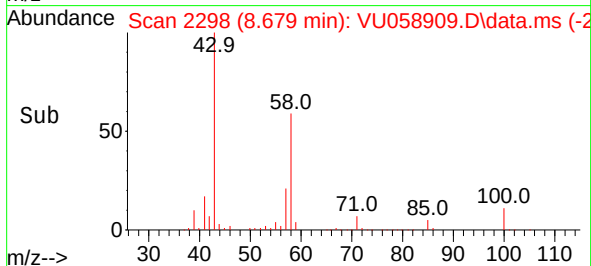


#48
2-Hexanone
Concen: 58.212 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU058909.D
Acq: 17 May 2024 14:57

Instrument :
MSVOA_U
ClientSampleId :

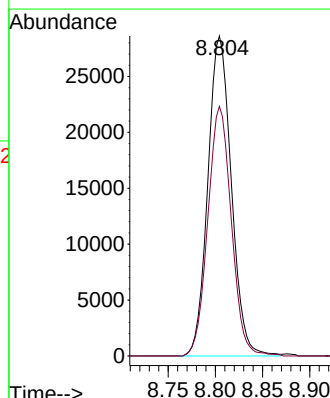
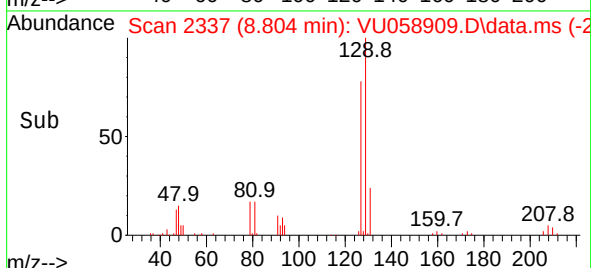
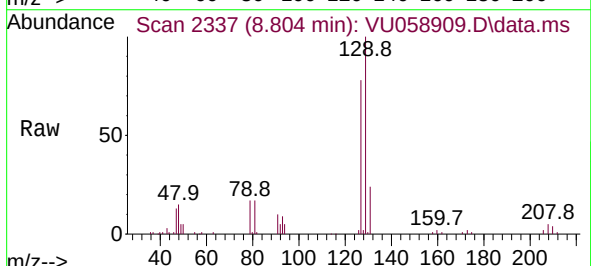


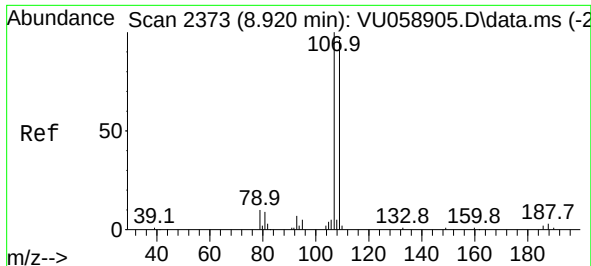
Tgt Ion: 43 Resp: 276360
Ion Ratio Lower Upper
43 100
58 57.7 46.1 69.1
57 19.8 15.5 23.3
100 11.2 9.0 13.6



#49
Dibromochloromethane
Concen: 5.228 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU058909.D
Acq: 17 May 2024 14:57

Tgt Ion: 129 Resp: 49431
Ion Ratio Lower Upper
129 100
127 78.0 52.5 97.5





#50

1,2-Dibromoethane

Concen: 5.393 ug/L

RT: 8.920 min Scan# 2373

Delta R.T. 0.000 min

Lab File: VU058909.D

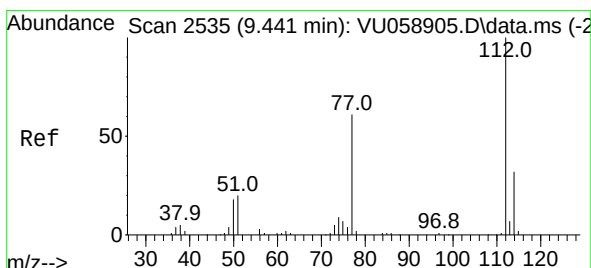
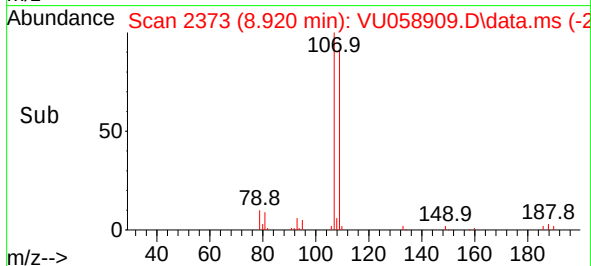
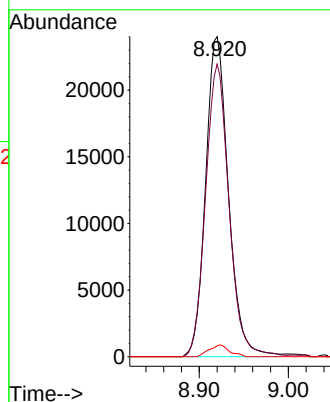
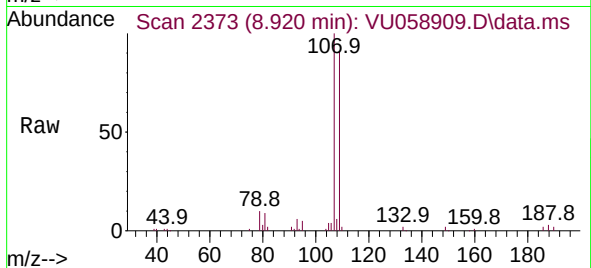
Acq: 17 May 2024 14:57

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	42734
Ion	Ratio	Lower	Upper
107	100		
109	91.5	66.9	124.3
188	3.4	2.7	4.1



#51

Chlorobenzene

Concen: 5.144 ug/L

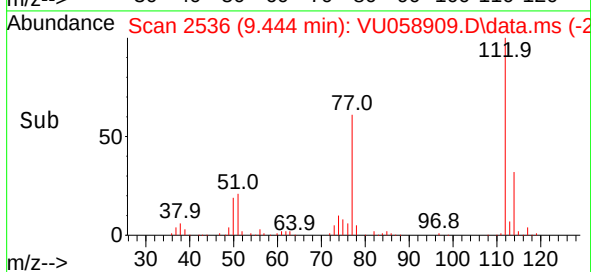
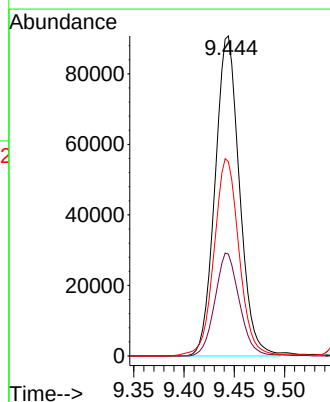
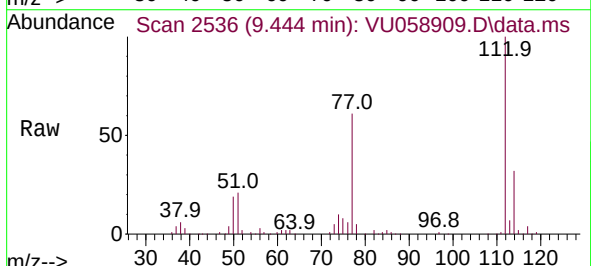
RT: 9.444 min Scan# 2536

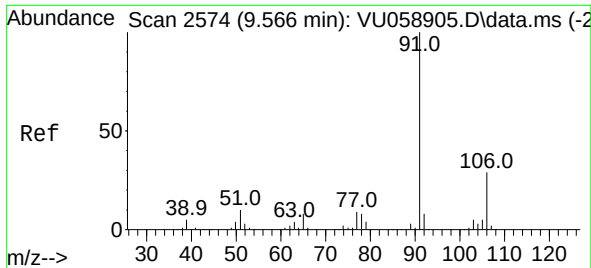
Delta R.T. 0.003 min

Lab File: VU058909.D

Acq: 17 May 2024 14:57

Tgt Ion:	112	Resp:	153512
Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.4	41.6
77	60.7	49.1	73.7

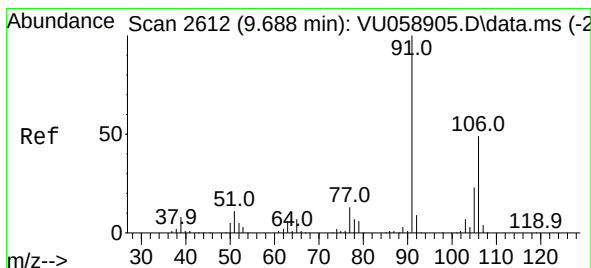
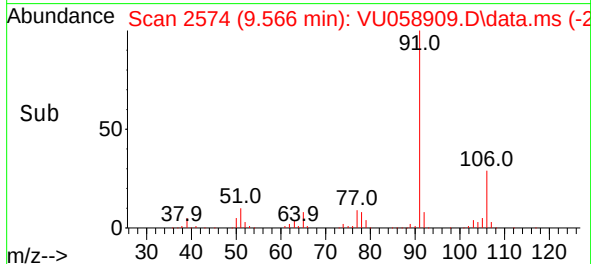
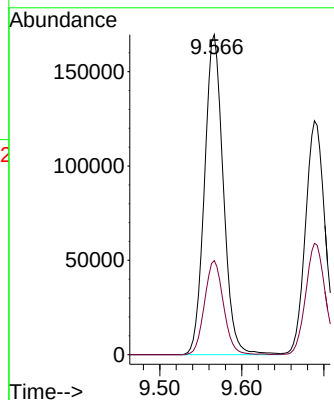
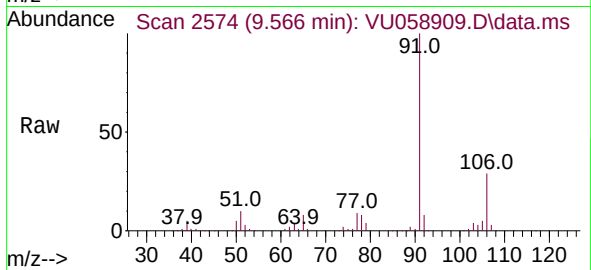




#52
Ethylbenzene
Concen: 5.341 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU058909.D
Acq: 17 May 2024 14:57

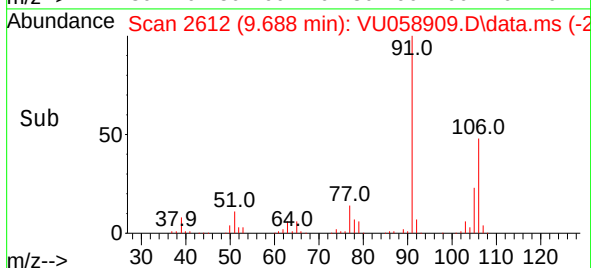
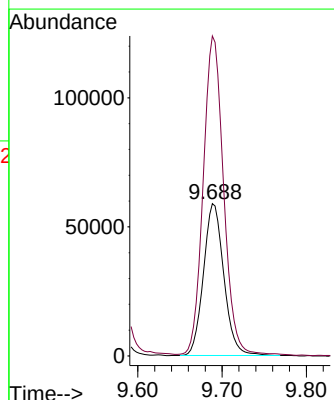
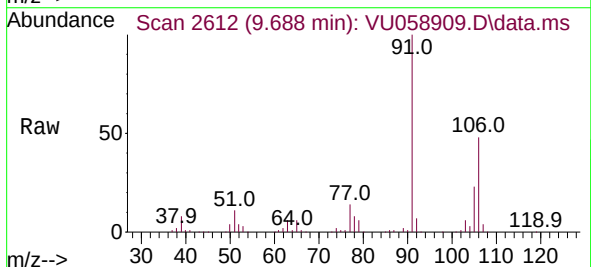
Instrument :
MSVOA_U
ClientSampleId :

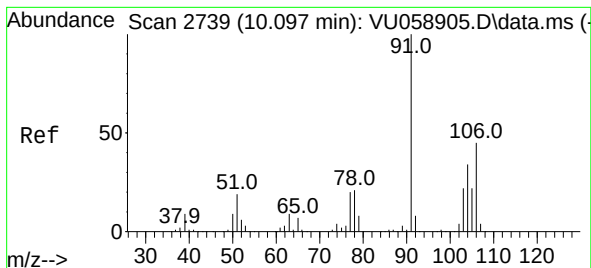
Tgt Ion: 91 Resp: 270038
Ion Ratio Lower Upper
91 100
106 29.4 20.9 38.7



#53
m,p-Xylene
Concen: 5.363 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU058909.D
Acq: 17 May 2024 14:57

Tgt Ion: 106 Resp: 99237
Ion Ratio Lower Upper
106 100
91 210.1 142.0 263.8





#54

o-Xylene

Concen: 5.231 ug/L

RT: 10.097 min Scan# 2739

Delta R.T. 0.000 min

Lab File: VU058909.D

Acq: 17 May 2024 14:57

Instrument :

MSVOA_U

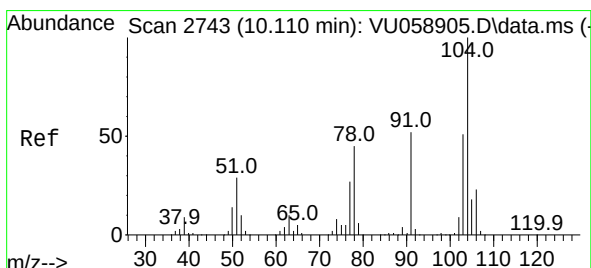
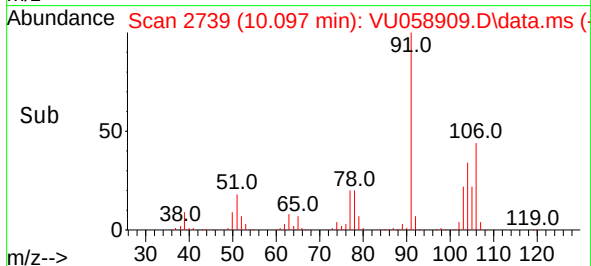
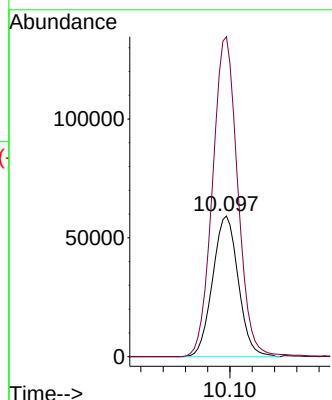
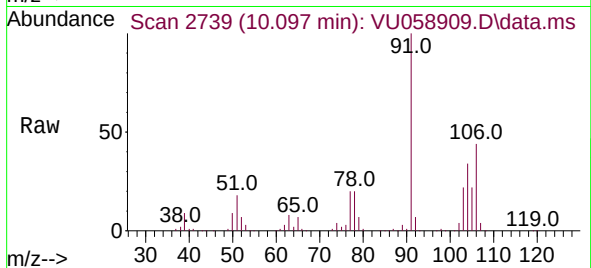
ClientSampleId :

Tgt Ion:106 Resp: 94673

Ion Ratio Lower Upper

106 100

91 227.6 151.6 281.6



#55

Styrene

Concen: 5.569 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VU058909.D

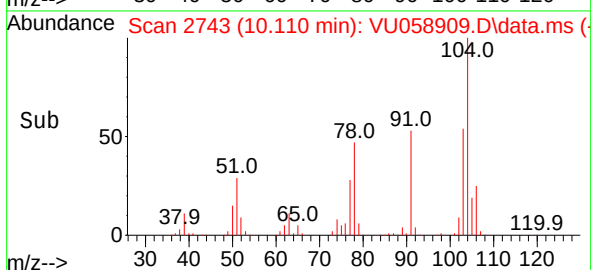
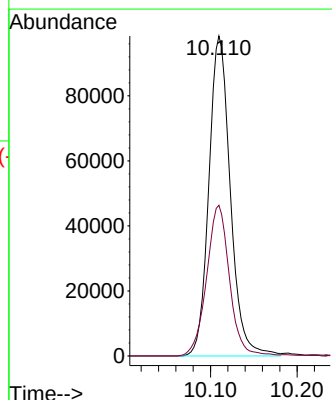
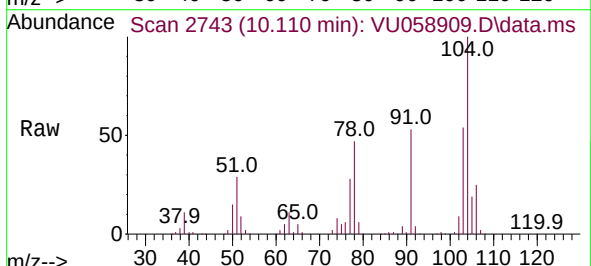
Acq: 17 May 2024 14:57

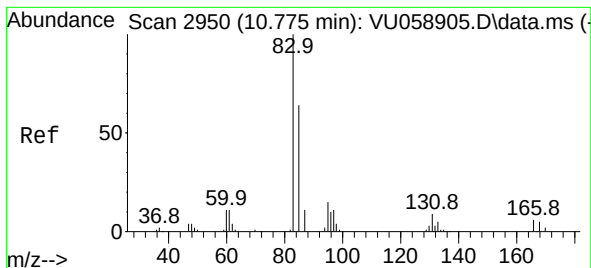
Tgt Ion:104 Resp: 169579

Ion Ratio Lower Upper

104 100

78 47.1 32.3 60.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.323 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU058909.D

Acq: 17 May 2024 14:57

Instrument :

MSVOA_U

ClientSampleId :

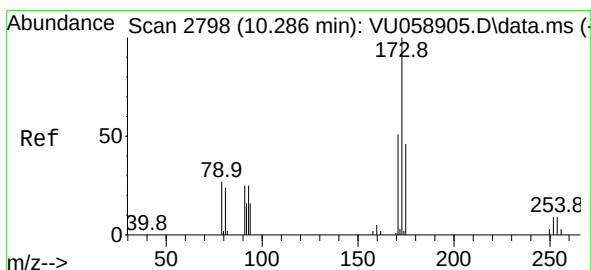
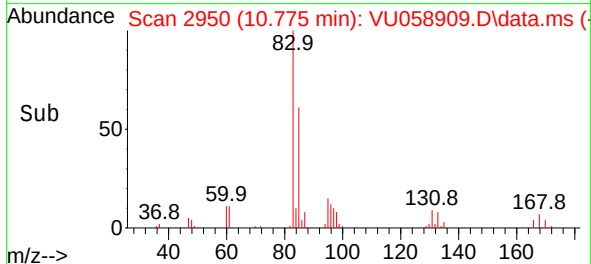
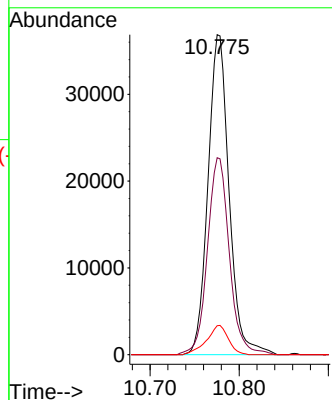
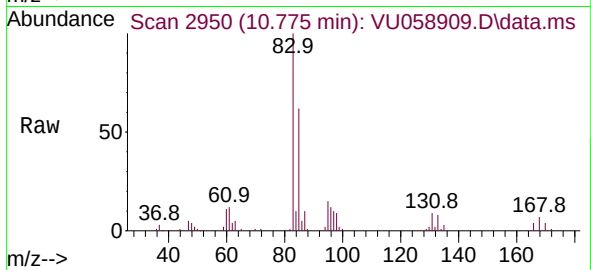
Tgt Ion: 83 Resp: 60513

Ion Ratio Lower Upper

83 100

85 61.6 44.7 82.9

131 9.0 6.9 10.3



#59

Bromoform

Concen: 4.899 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. 0.000 min

Lab File: VU058909.D

Acq: 17 May 2024 14:57

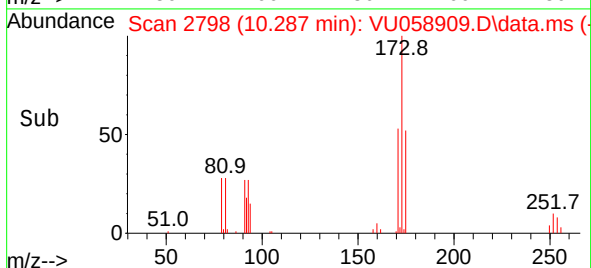
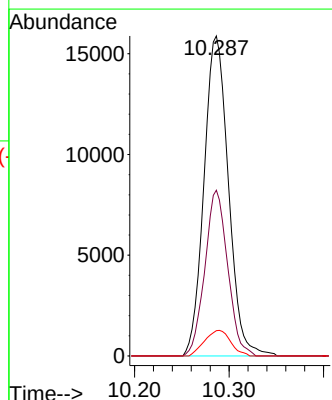
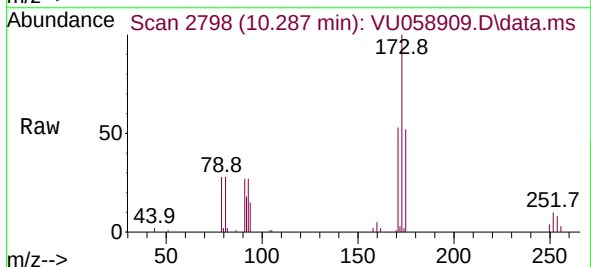
Tgt Ion:173 Resp: 28506

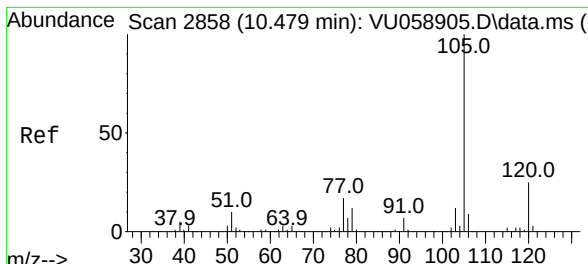
Ion Ratio Lower Upper

173 100

175 48.3 39.4 59.2

254 8.5 7.4 11.2

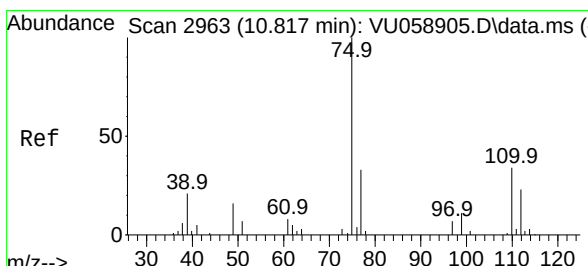
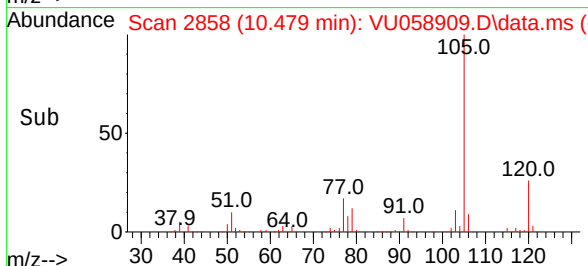
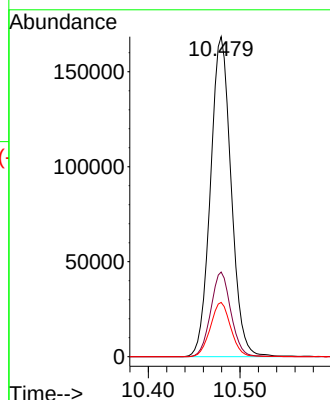
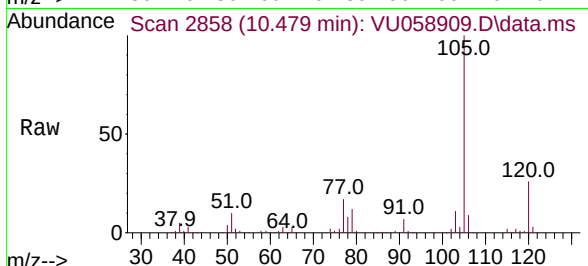




#60
Isopropylbenzene
Concen: 5.180 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU058909.D
Acq: 17 May 2024 14:57

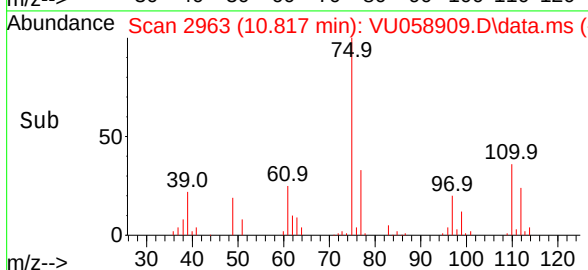
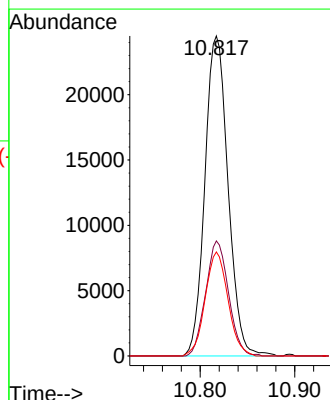
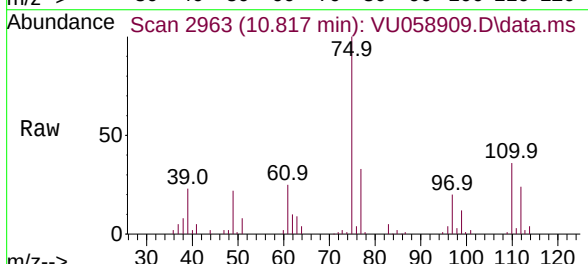
Instrument :
MSVOA_U
ClientSampleId :

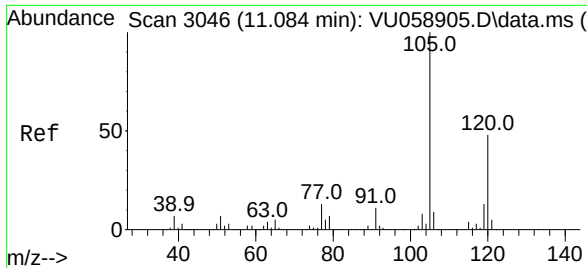
Tgt Ion:	105	Resp:	264086
Ion Ratio	Lower	Upper	
105	100		
120	25.8	20.6	31.0
77	16.7	12.8	19.2



#61
1,2,3-Trichloropropane
Concen: 5.084 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU058909.D
Acq: 17 May 2024 14:57

Tgt Ion:	75	Resp:	41687
Ion Ratio	Lower	Upper	
75	100		
110	35.5	27.1	40.7
77	32.1	25.4	38.2

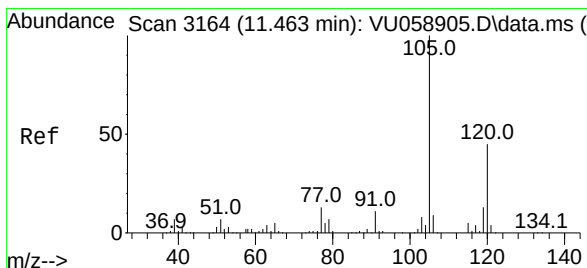
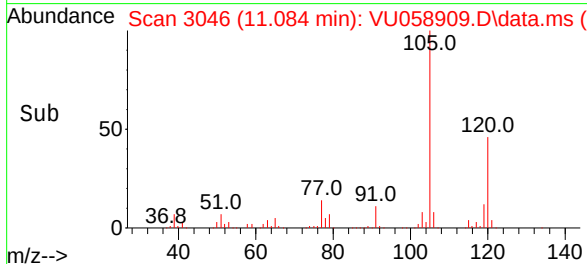
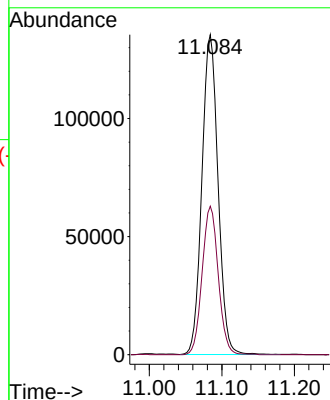
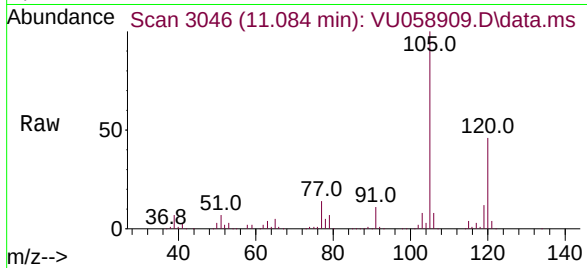




#62
1,3,5-Trimethylbenzene
Concen: 5.151 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU058909.D
Acq: 17 May 2024 14:57

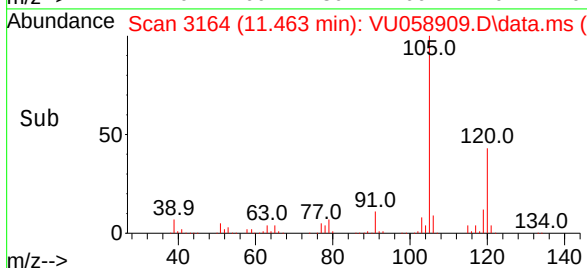
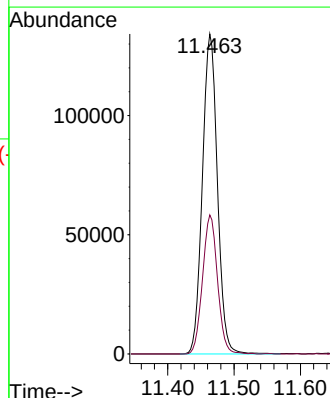
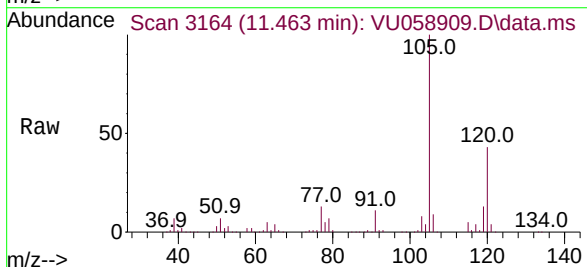
Instrument :
MSVOA_U
ClientSampleId :

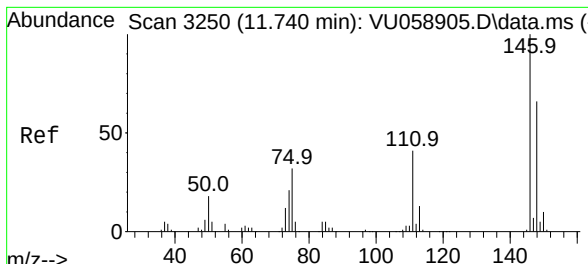
Tgt Ion:105 Resp: 209310
Ion Ratio Lower Upper
105 100
120 46.3 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 5.238 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU058909.D
Acq: 17 May 2024 14:57

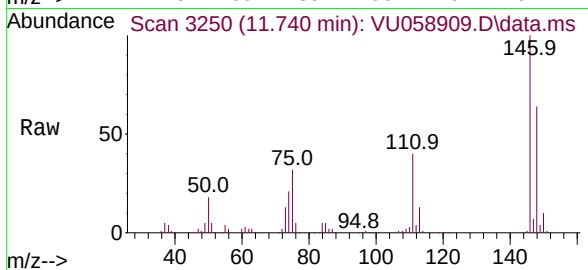
Tgt Ion:105 Resp: 211049
Ion Ratio Lower Upper
105 100
120 43.2 35.4 53.0



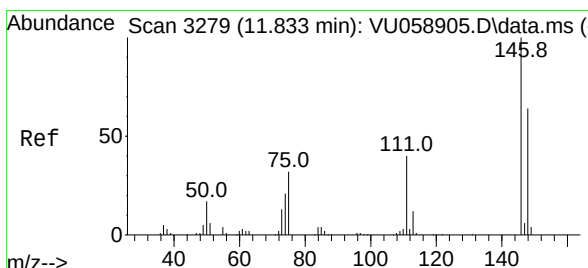
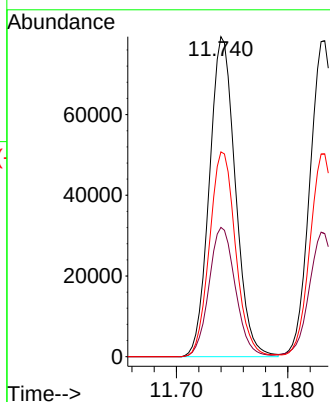
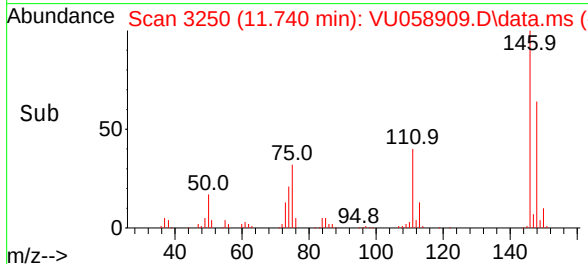


#64
1,3-Dichlorobenzene
Concen: 5.185 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU058909.D
Acq: 17 May 2024 14:57

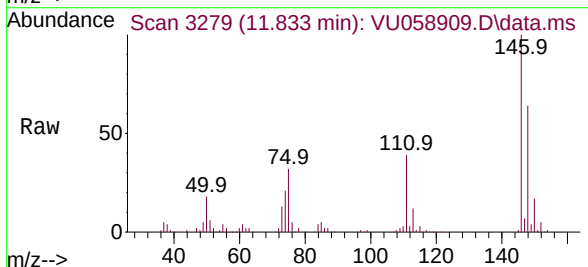
Instrument :
MSVOA_U
ClientSampleId :



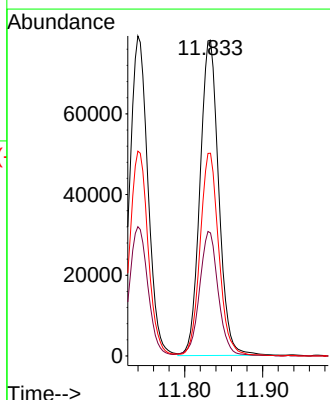
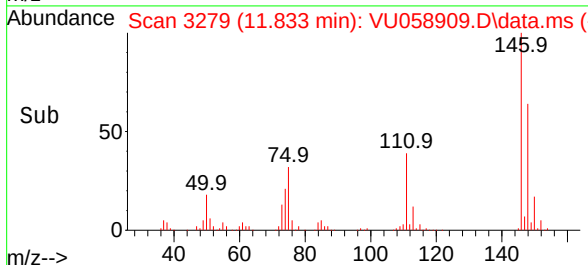
Tgt Ion:146 Resp: 128620
Ion Ratio Lower Upper
146 100
111 40.4 27.4 51.0
148 64.0 45.0 83.6

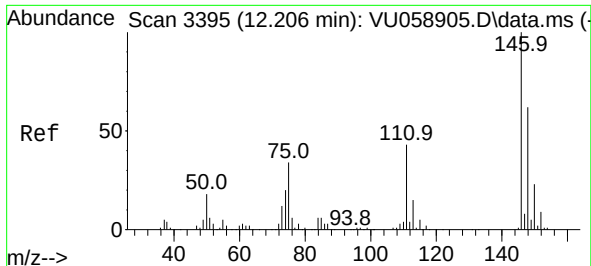


#65
1,4-Dichlorobenzene
Concen: 5.270 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU058909.D
Acq: 17 May 2024 14:57



Tgt Ion:146 Resp: 130478
Ion Ratio Lower Upper
146 100
111 39.0 26.9 50.1
148 64.2 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.266 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU058909.D

Acq: 17 May 2024 14:57

Instrument :

MSVOA_U

ClientSampleId :

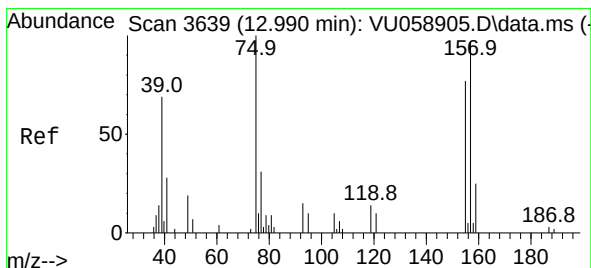
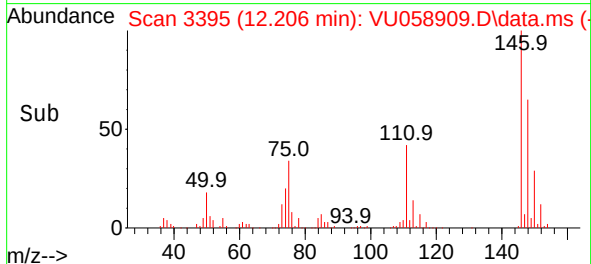
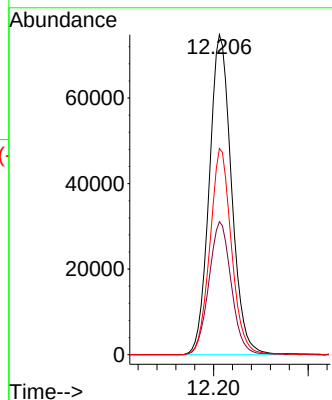
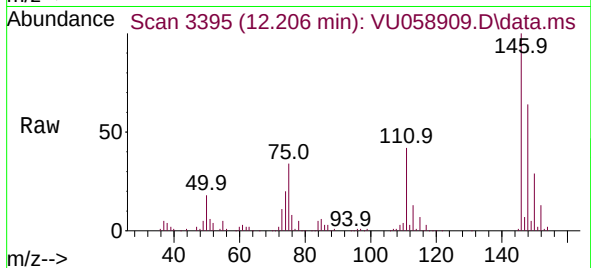
Tgt Ion:146 Resp: 122091

Ion Ratio Lower Upper

146 100

111 41.5 33.4 50.0

148 64.4 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.266 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU058909.D

Acq: 17 May 2024 14:57

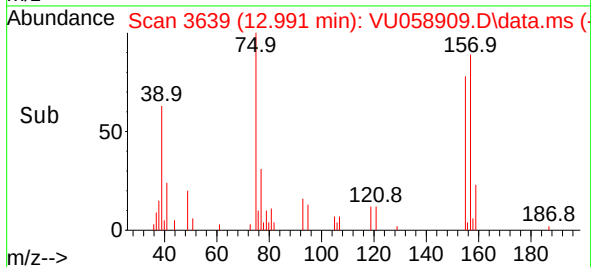
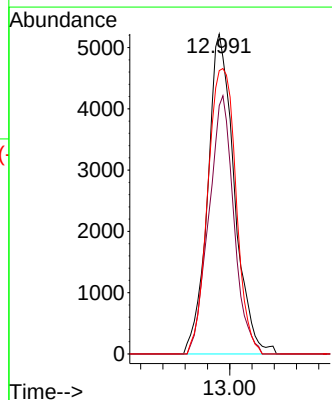
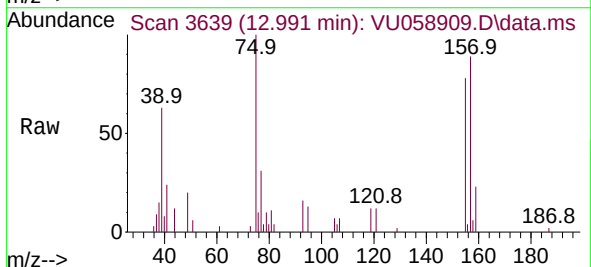
Tgt Ion: 75 Resp: 8687

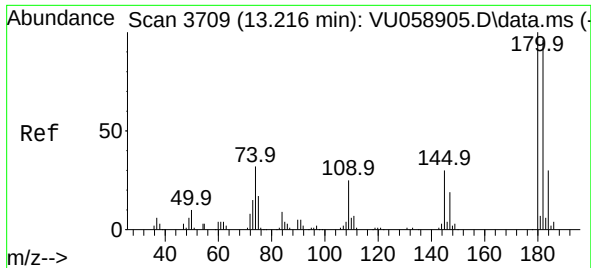
Ion Ratio Lower Upper

75 100

155 77.6 58.2 87.2

157 88.5 80.0 120.0





#69

1,3,5-Trichlorobenzene

Concen: 5.123 ug/L

RT: 13.216 min Scan# 3709

Delta R.T. 0.000 min

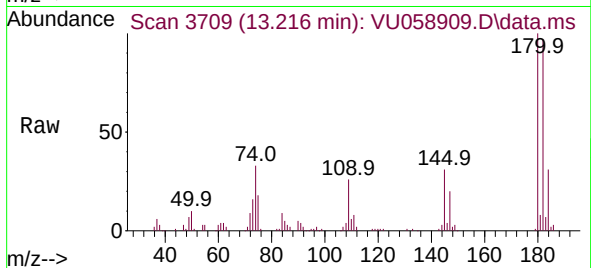
Lab File: VU058909.D

Acq: 17 May 2024 14:57

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 95289

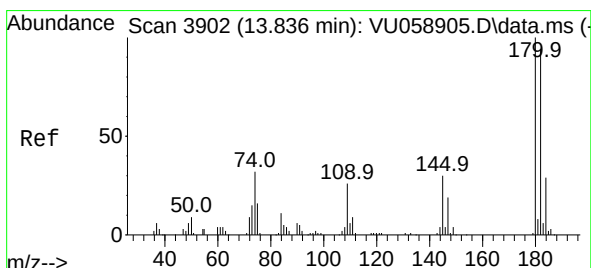
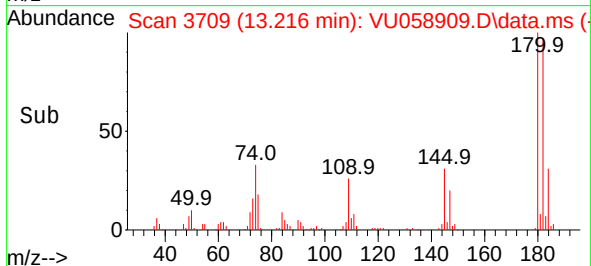
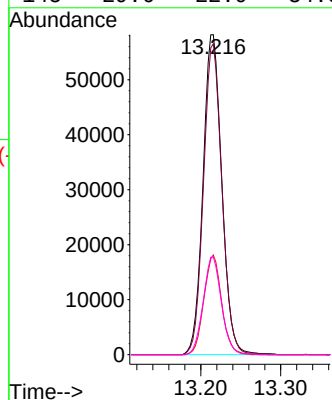
Ion Ratio Lower Upper

180 100

182 95.2 75.4 113.0

184 29.4 23.0 34.6

145 29.6 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 4.786 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU058909.D

Acq: 17 May 2024 14:57

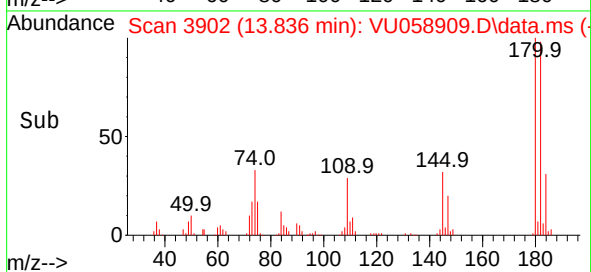
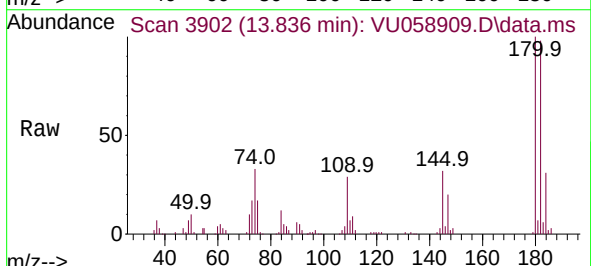
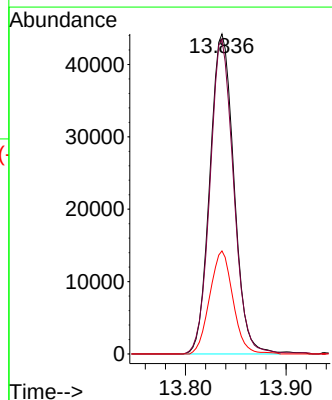
Tgt Ion:180 Resp: 73460

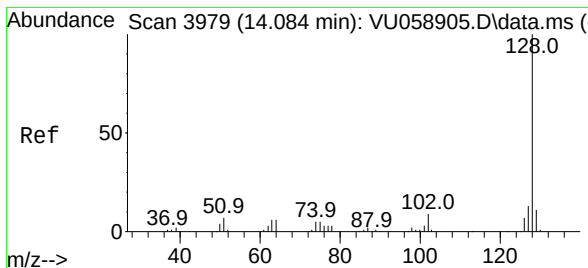
Ion Ratio Lower Upper

180 100

182 96.5 74.9 112.3

145 31.2 23.9 35.9





#71

Naphthalene

Concen: 4.485 ug/L

RT: 14.084 min Scan# 3979

Delta R.T. 0.000 min

Lab File: VU058909.D

Acq: 17 May 2024 14:57

Instrument :

MSVOA_U

ClientSampleId :

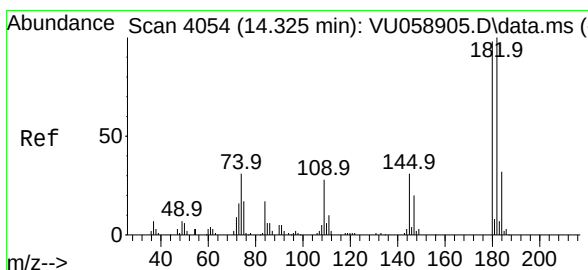
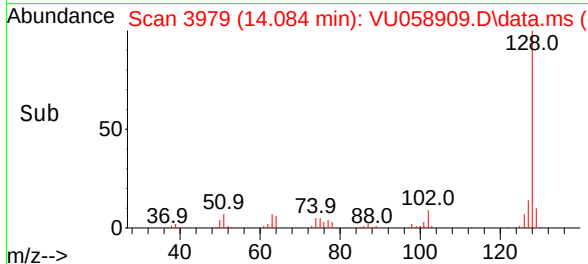
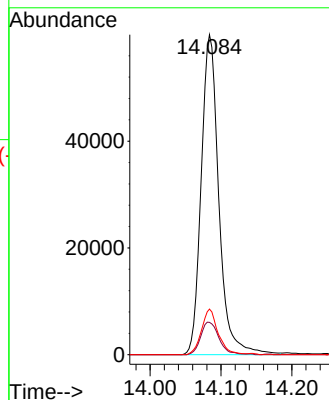
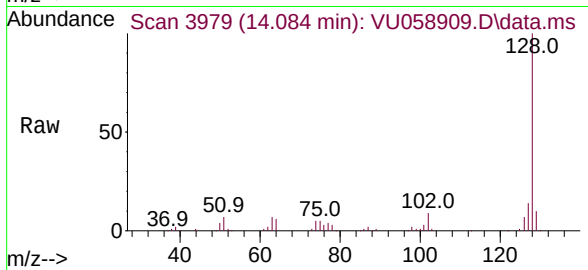
Tgt Ion:128 Resp: 103752

Ion Ratio Lower Upper

128 100

129 10.5 8.2 12.4

127 13.4 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 4.915 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU058909.D

Acq: 17 May 2024 14:57

Tgt Ion:180 Resp: 66199

Ion Ratio Lower Upper

180 100

182 95.3 77.0 115.6

145 30.0 26.2 39.4

