

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061124\
 Data File : VU059207.D
 Acq On : 11 Jun 2024 08:44
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 12 04:21:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 23 06:11:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	202962	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	198577	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	99129	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	45156	3.673	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.400%
7) Chloroethane-d5	1.911	69	45310	4.077	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.600%
11) 1,1-Dichloroethene-d2	2.560	65	19553	3.903	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.000%
20) 2-Butanone-d5	4.634	46	151964	47.542	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.080%
24) Chloroform-d	5.055	84	117266	4.723	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.695	65	58332	4.572	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.721	84	216181	4.743	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	6.685	67	72274	4.759	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.894	98	188289	4.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	8.177	79	23469	4.503	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.000%
46) 2-Hexanone-d5	8.627	63	115285	46.091	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.180%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	64919	4.949	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	69701	4.675	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	69246	4.663	ug/L	97
3) Chloromethane	1.515	50	77523	4.484	ug/L	98
5) Vinyl chloride	1.599	62	87991	4.750	ug/L	99
6) Bromomethane	1.856	94	53906	4.671	ug/L	93
8) Chloroethane	1.930	64	53986	4.586	ug/L	99
9) Trichlorofluoromethane	2.136	101	110858	4.666	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	71505	4.967	ug/L	99
12) 1,1-Dichloroethene	2.573	96	63801	5.046	ug/L	92
13) Acetone	2.647	43	108793	49.244	ug/L	98
14) Carbon disulfide	2.788	76	175774	4.387	ug/L	99
15) Methyl Acetate	2.959	43	22504	4.098	ug/L #	89
16) Methylene chloride	3.036	84	76117	4.437	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	158715	4.829	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	66976	5.031	ug/L	93
19) 1,1-Dichloroethane	3.862	63	136262	4.896	ug/L	99
21) 2-Butanone	4.711	43	161458	45.566	ug/L	93
22) cis-1,2-Dichloroethene	4.660	96	77345	5.046	ug/L	97
23) Bromochloromethane	4.968	128	34596	5.111	ug/L	96
25) Chloroform	5.081	83	140057	4.816	ug/L	98

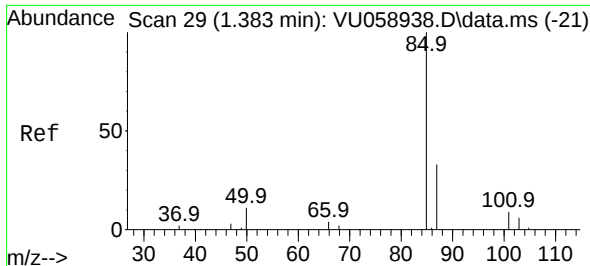
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061124\
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 23 06:11:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	83256	4.686	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	110409	4.973	ug/L	99
30) Cyclohexane	5.380	56	100345	4.780	ug/L	99
31) Carbon tetrachloride	5.518	117	91437	4.937	ug/L	97
33) Benzene	5.769	78	297900	5.104	ug/L	100
34) Trichloroethene	6.537	95	78209	5.065	ug/L	98
35) Methylcyclohexane	6.756	83	110733	5.027	ug/L	97
37) 1,2-Dichloropropane	6.785	63	79522	4.800	ug/L #	98
38) Bromodichloromethane	7.100	83	96464	4.857	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	110224	4.881	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	408313	47.680	ug/L	97
42) Toluene	7.965	91	322636	5.300	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	89757	4.871	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	59001	5.062	ug/L	98
47) Tetrachloroethene	8.547	164	57711	5.247	ug/L	96
48) 2-Hexanone	8.679	43	302702	49.050	ug/L	97
49) Dibromochloromethane	8.804	129	63912	5.200	ug/L	100
50) 1,2-Dibromoethane	8.920	107	51163	4.967	ug/L	99
51) Chlorobenzene	9.441	112	200862	5.177	ug/L	99
52) Ethylbenzene	9.563	91	337306	5.132	ug/L	99
53) m,p-Xylene	9.688	106	126940	5.277	ug/L	100
54) o-Xylene	10.093	106	122901	5.224	ug/L	97
55) Styrene	10.110	104	210351	5.315	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	70659	4.782	ug/L	97
59) Bromoform	10.286	173	37185	5.134	ug/L	97
60) Isopropylbenzene	10.479	105	331220	5.219	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	50222	4.920	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	262010	5.180	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	257253	5.129	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	157341	5.096	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	156443	5.076	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	148565	5.148	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.990	75	9386	4.571	ug/L	93
69) 1,3,5-Trichlorobenzene	13.212	180	114900	4.963	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	87796	4.595	ug/L	100
71) Naphthalene	14.084	128	119560	4.152	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	78340	4.672	ug/L	99

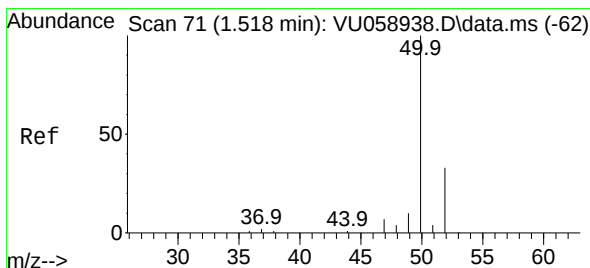
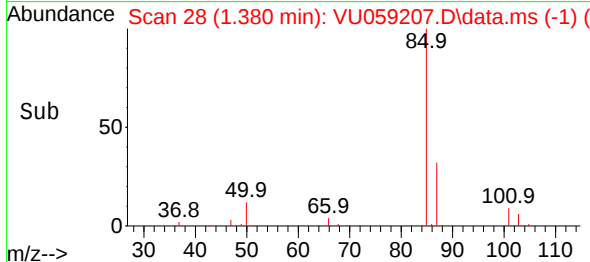
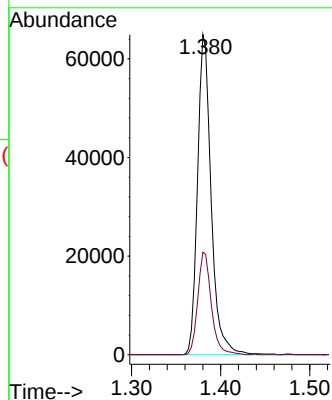
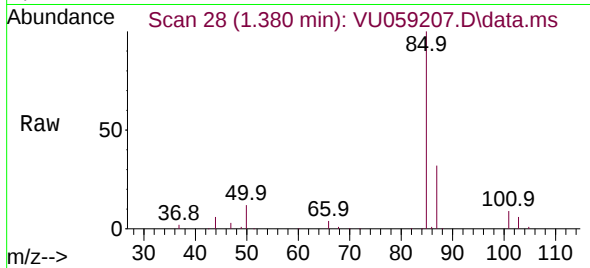
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.663 ug/L
 RT: 1.380 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU059207.D
 Acq: 11 Jun 2024 08:44

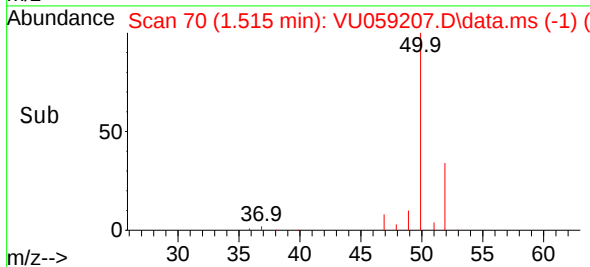
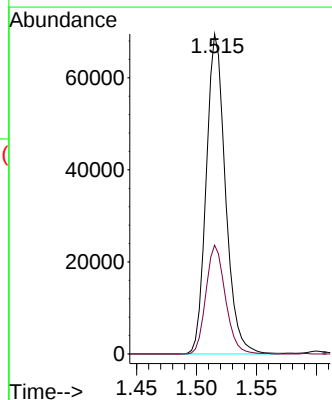
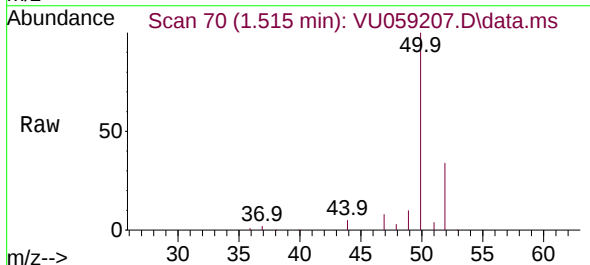
Instrument :
 MSVOA_U
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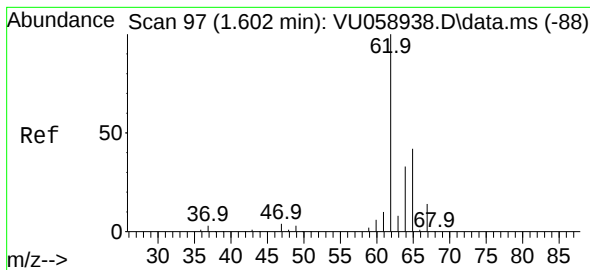
Tgt Ion: 85 Resp: 69246
 Ion Ratio Lower Upper
 85 100
 87 31.8 26.6 40.0



#3
 Chloromethane
 Concen: 4.484 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU059207.D
 Acq: 11 Jun 2024 08:44

Tgt Ion: 50 Resp: 77523
 Ion Ratio Lower Upper
 50 100
 52 34.0 23.2 43.0





#5

Vinyl chloride

Concen: 4.750 ug/L

RT: 1.599 min Scan# 9

Delta R.T. -0.003 min

Lab File: VU059207.D

Acq: 11 Jun 2024 08:44

Instrument :

MSVOA_U

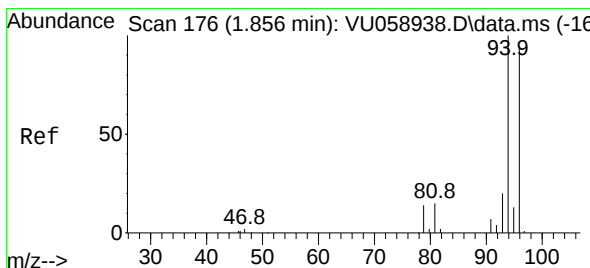
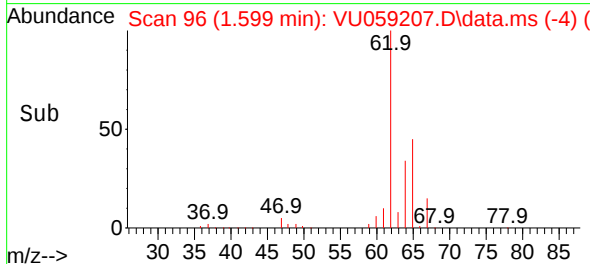
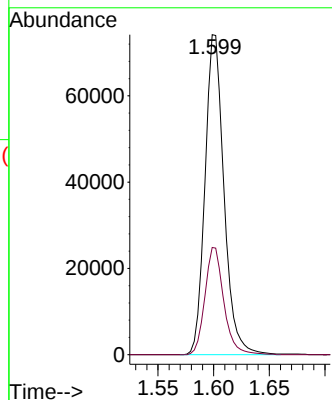
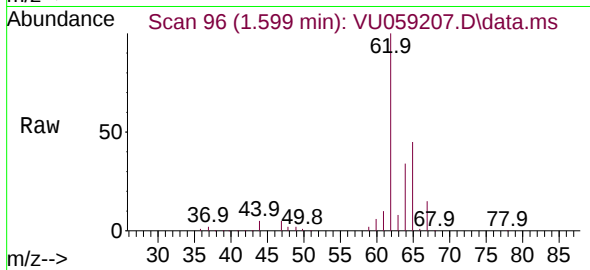
ClientSampleId :

Tgt Ion: 62 Resp: 87991

Ion Ratio Lower Upper

62 100

64 33.5 23.1 42.9



#6

Bromomethane

Concen: 4.671 ug/L

RT: 1.856 min Scan# 176

Delta R.T. -0.000 min

Lab File: VU059207.D

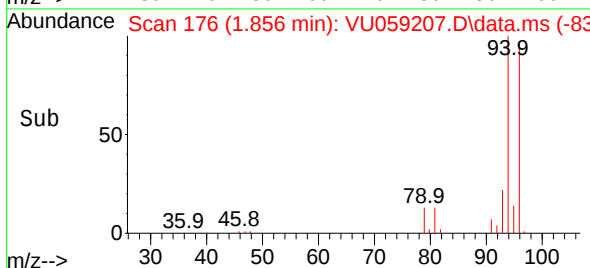
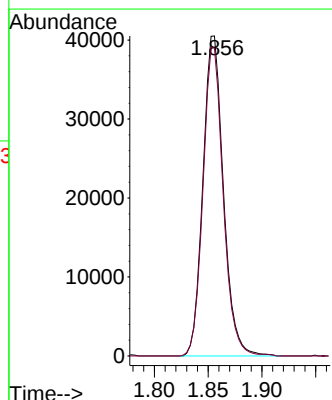
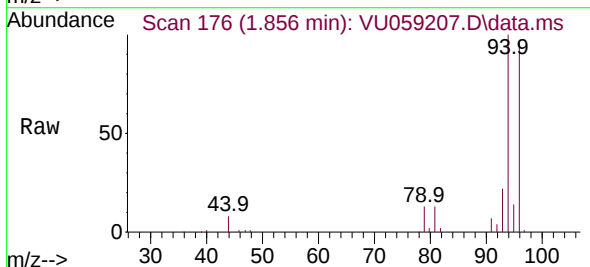
Acq: 11 Jun 2024 08:44

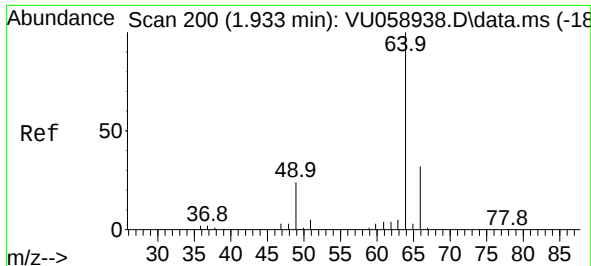
Tgt Ion: 94 Resp: 53906

Ion Ratio Lower Upper

94 100

96 96.2 62.9 116.9

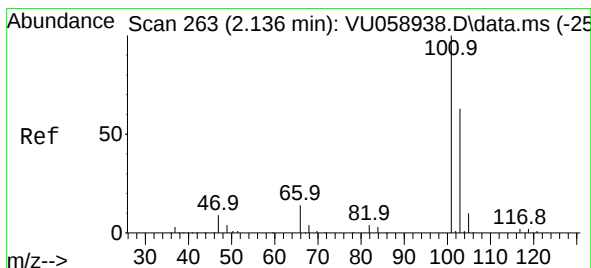
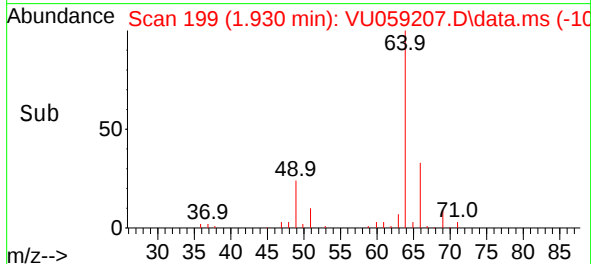
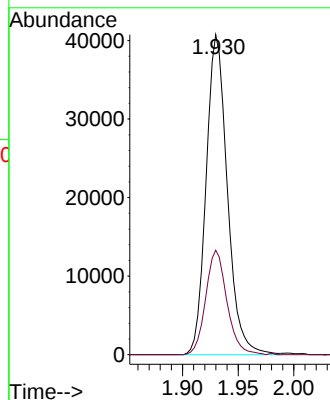
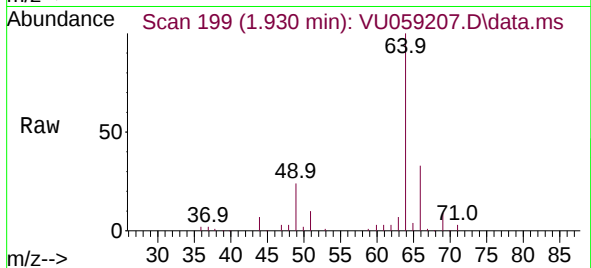




#8
Chloroethane
Concen: 4.586 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.003 min
Lab File: VU059207.D
Acq: 11 Jun 2024 08:44

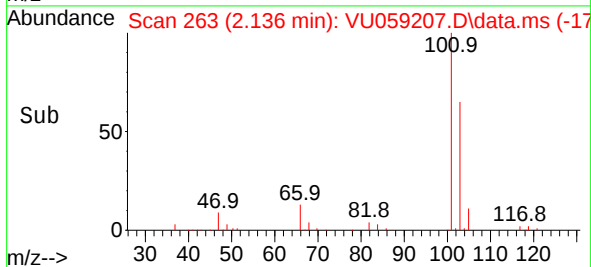
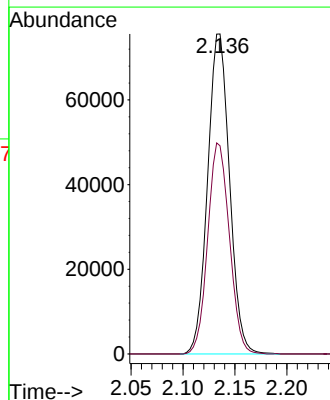
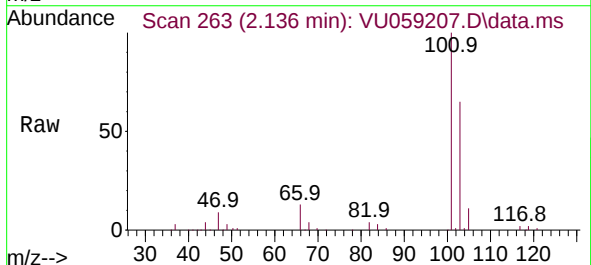
Instrument :
MSVOA_U
ClientSampleId :

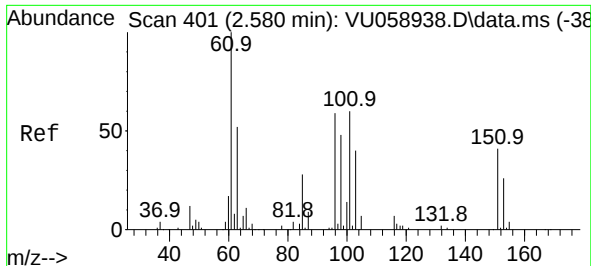
Tgt Ion: 64 Resp: 53986
Ion Ratio Lower Upper
64 100
66 32.7 23.2 43.2



#9
Trichlorofluoromethane
Concen: 4.666 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU059207.D
Acq: 11 Jun 2024 08:44

Tgt Ion:101 Resp: 110858
Ion Ratio Lower Upper
101 100
103 65.1 52.6 79.0

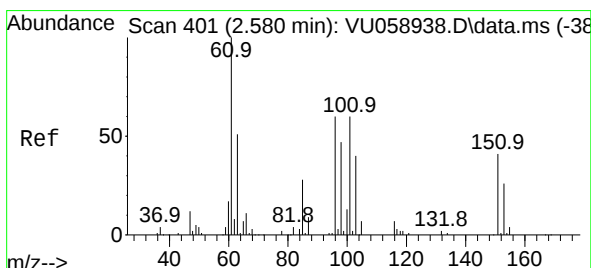
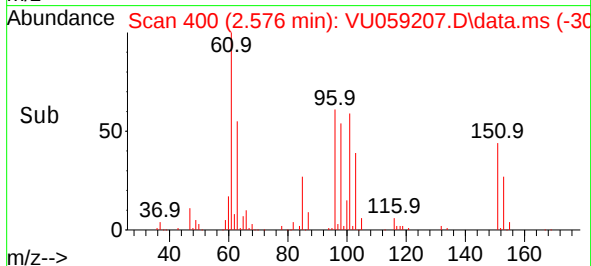
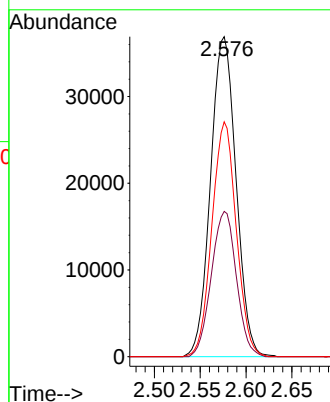
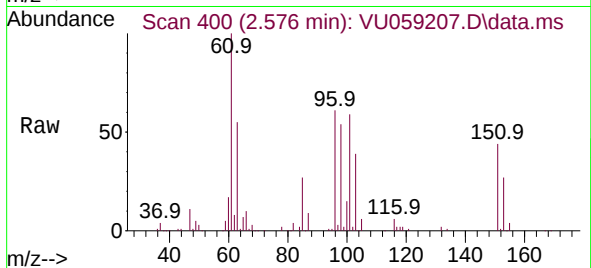




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.967 ug/L
RT: 2.576 min Scan# 401
Delta R.T. -0.003 min
Lab File: VU059207.D
Acq: 11 Jun 2024 08:44

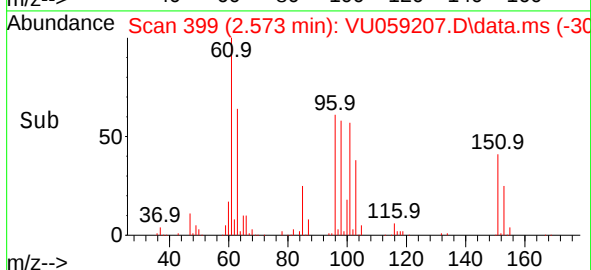
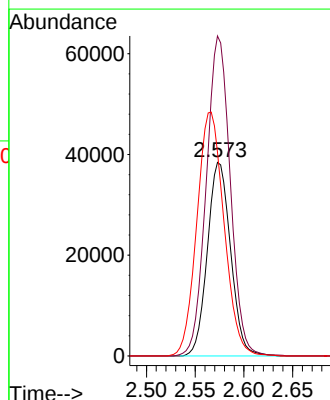
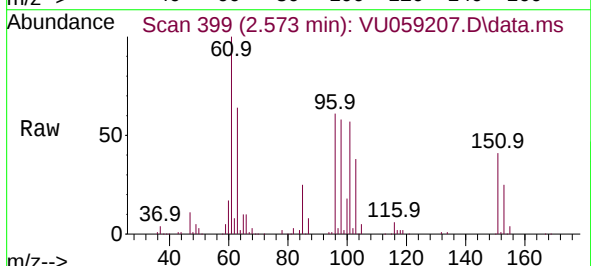
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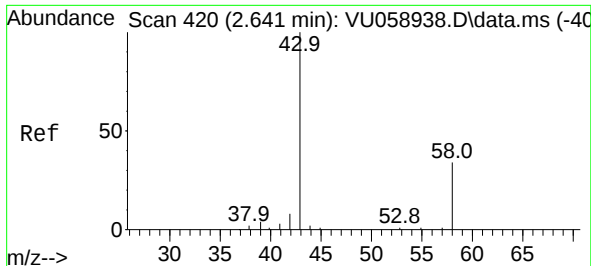
Tgt Ion:101 Resp: 71505
Ion Ratio Lower Upper
101 100
85 44.5 36.2 54.4
151 70.1 55.5 83.3



#12
1,1-Dichloroethene
Concen: 5.046 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.007 min
Lab File: VU059207.D
Acq: 11 Jun 2024 08:44

Tgt Ion: 96 Resp: 63801
Ion Ratio Lower Upper
96 100
61 165.3 122.9 228.3
63 105.2 80.4 149.4





#13

Acetone

Concen: 49.244 ug/L

RT: 2.647 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU059207.D

Acq: 11 Jun 2024 08:44

Instrument :

MSVOA_U

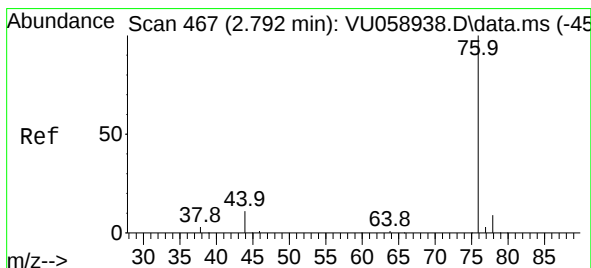
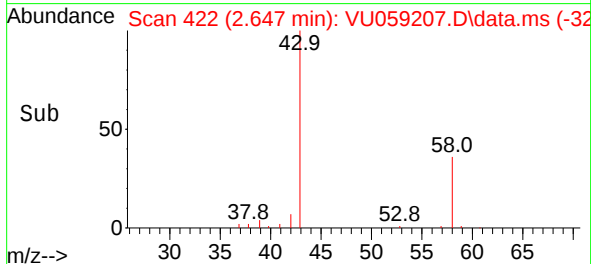
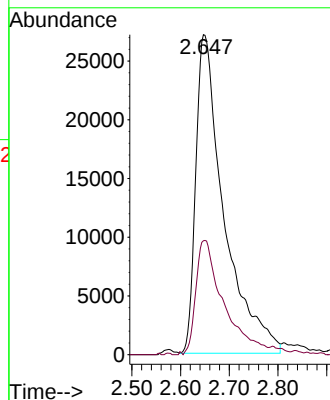
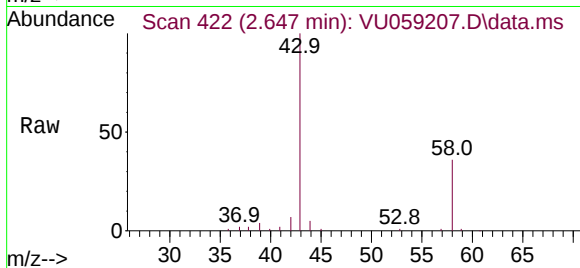
ClientSampleId :

Tgt Ion: 43 Resp: 108793

Ion Ratio Lower Upper

43 100

58 35.4 0.0 68.0



#14

Carbon disulfide

Concen: 4.387 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.003 min

Lab File: VU059207.D

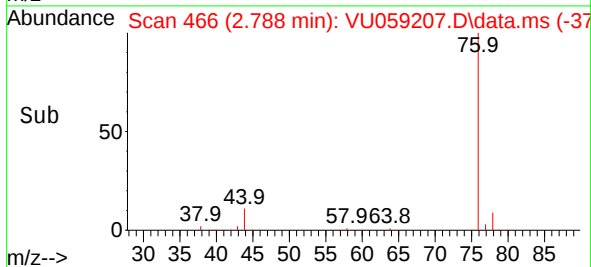
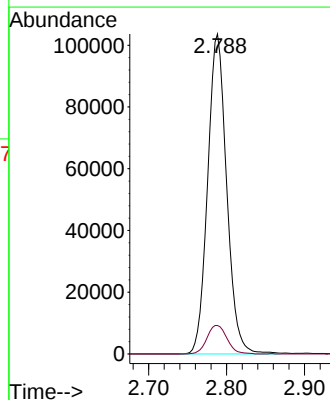
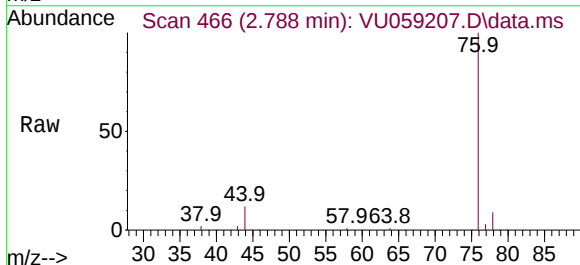
Acq: 11 Jun 2024 08:44

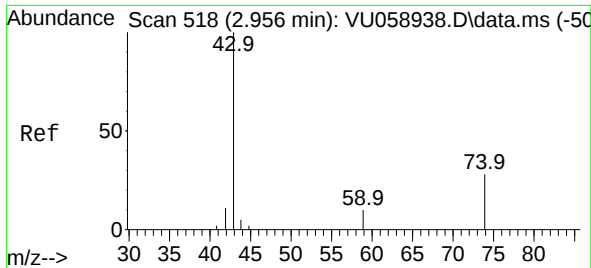
Tgt Ion: 76 Resp: 175774

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9





#15

Methyl Acetate

Concen: 4.098 ug/L

RT: 2.959 min Scan# 51

Delta R.T. 0.003 min

Lab File: VU059207.D

Acq: 11 Jun 2024 08:44

Instrument :

MSVOA_U

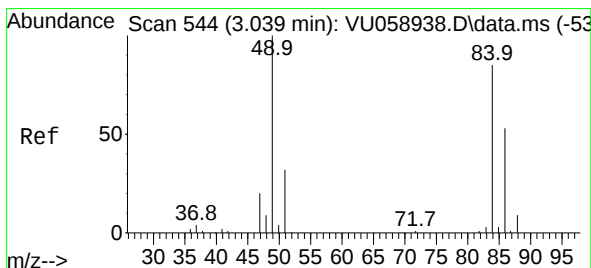
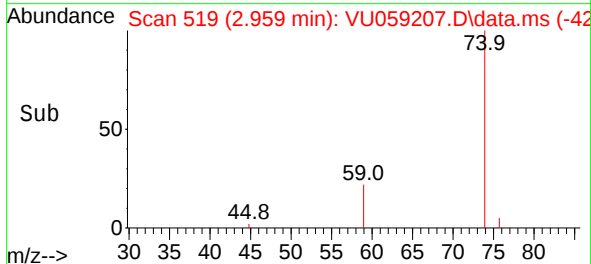
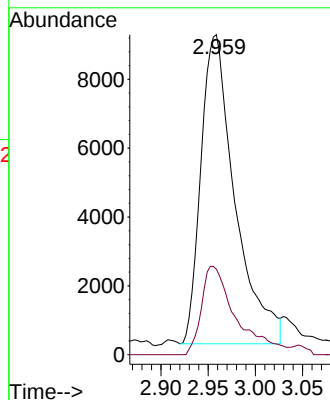
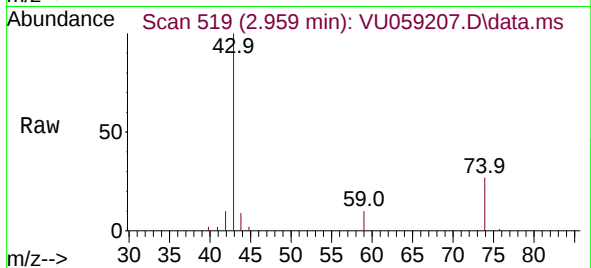
ClientSampleId :

Tgt Ion: 43 Resp: 22504

Ion Ratio Lower Upper

43 100

74 29.3 19.2 28.8#



#16

Methylene chloride

Concen: 4.437 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.003 min

Lab File: VU059207.D

Acq: 11 Jun 2024 08:44

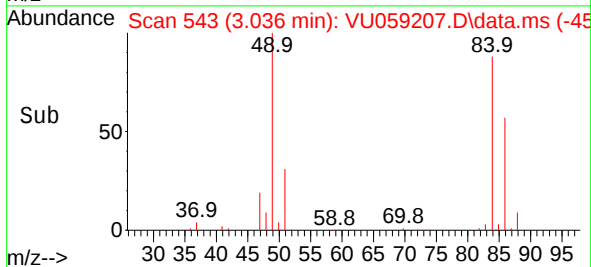
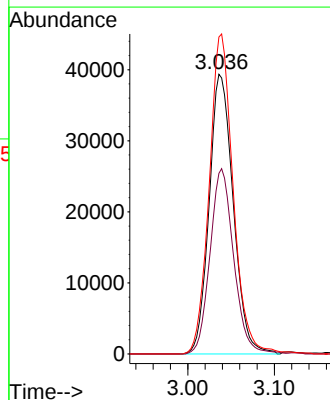
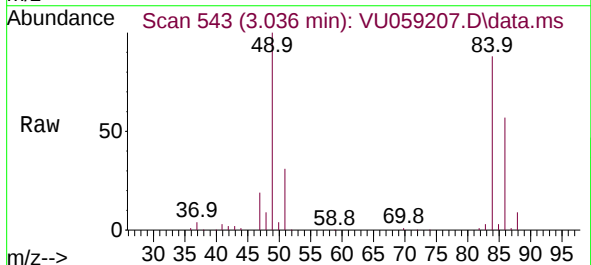
Tgt Ion: 84 Resp: 76117

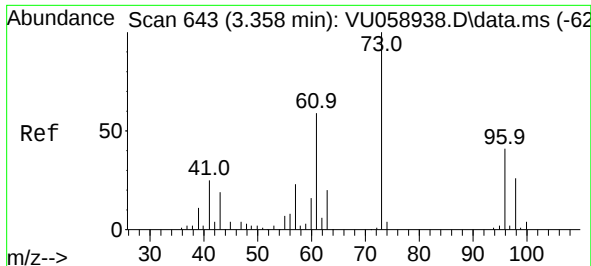
Ion Ratio Lower Upper

84 100

86 64.6 42.1 78.1

49 113.4 80.6 149.8

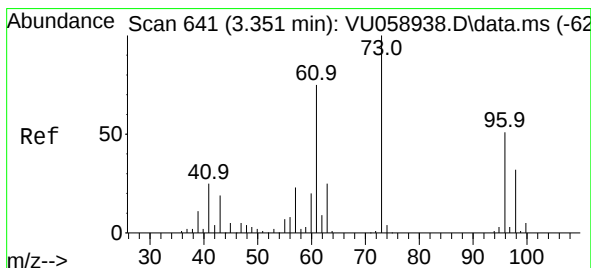
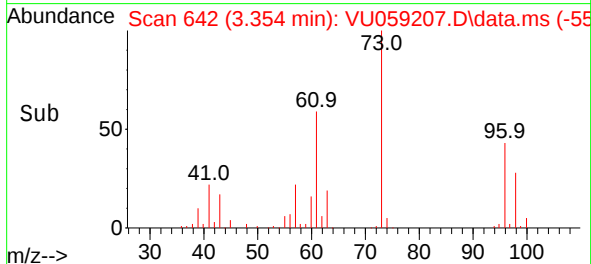
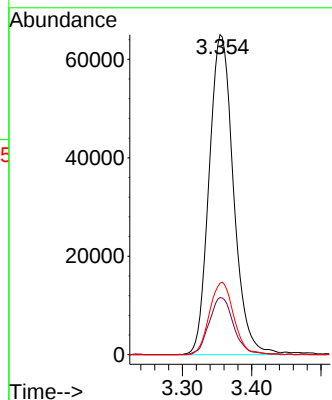
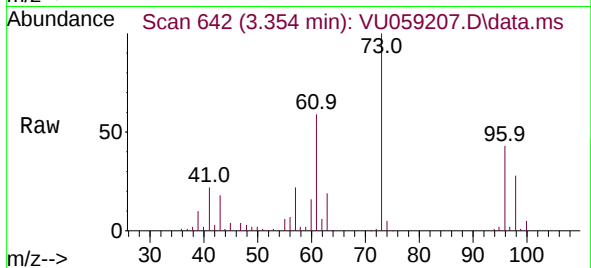




#17
Methyl tert-butyl Ether
Concen: 4.829 ug/L
RT: 3.354 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU059207.D
Acq: 11 Jun 2024 08:44

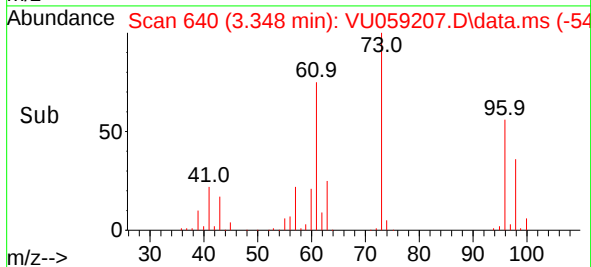
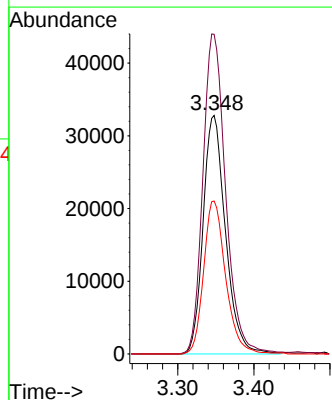
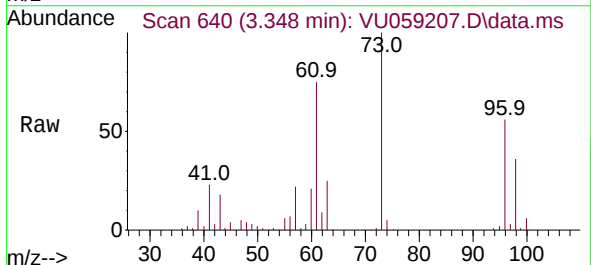
Instrument :
MSVOA_U
ClientSampleId :

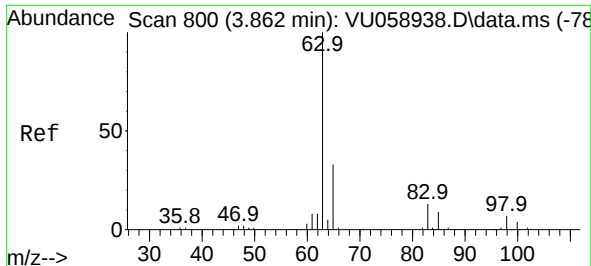
Tgt Ion: 73 Resp: 158715
Ion Ratio Lower Upper
73 100
43 18.1 14.9 22.3
57 22.6 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 5.031 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.003 min
Lab File: VU059207.D
Acq: 11 Jun 2024 08:44

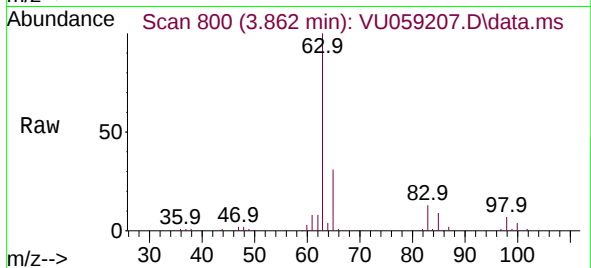
Tgt Ion: 96 Resp: 66976
Ion Ratio Lower Upper
96 100
61 134.0 101.8 189.0
98 64.1 43.3 80.5



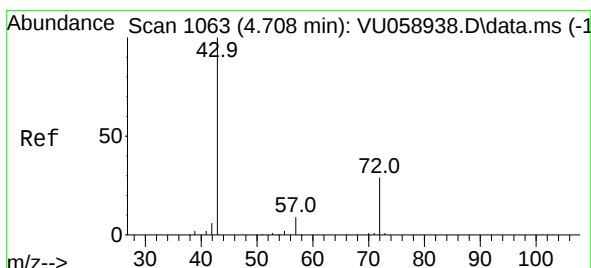
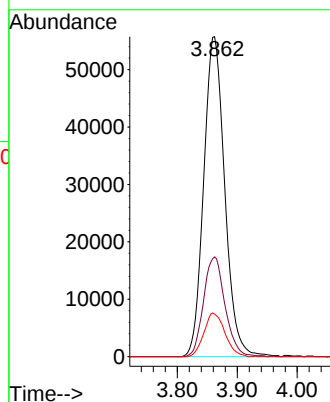
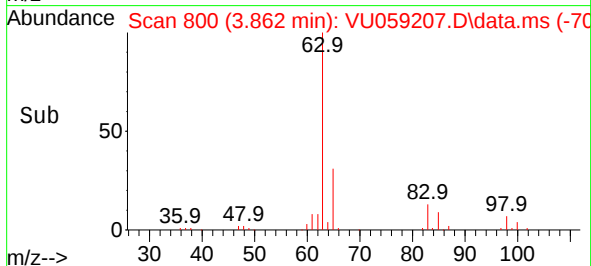


#19
1,1-Dichloroethane
Concen: 4.896 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU059207.D
Acq: 11 Jun 2024 08:44

Instrument :
MSVOA_U
ClientSampleId :

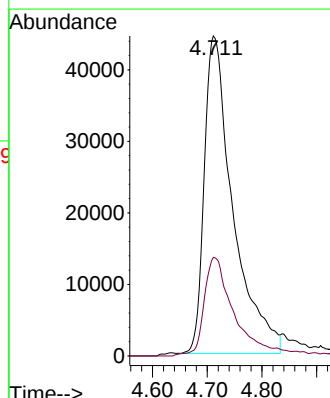
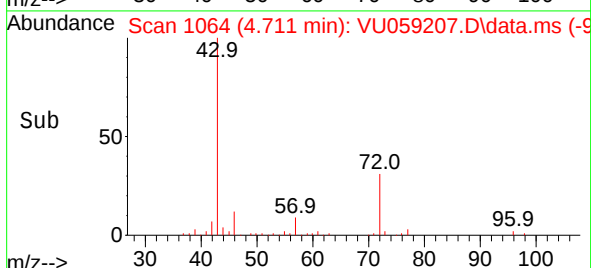
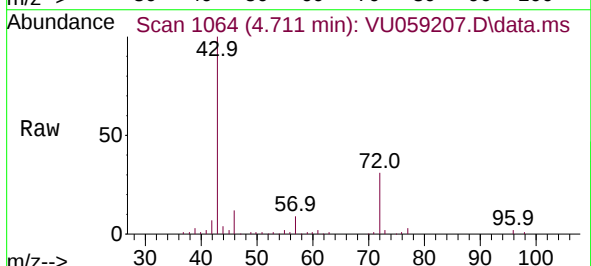


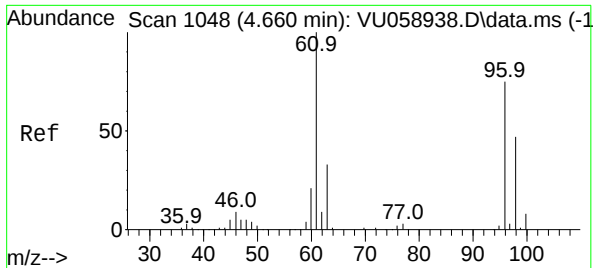
Tgt Ion: 63 Resp: 136262
Ion Ratio Lower Upper
63 100
65 31.2 21.8 40.6
83 13.3 9.9 18.5



#21
2-Butanone
Concen: 45.566 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. 0.003 min
Lab File: VU059207.D
Acq: 11 Jun 2024 08:44

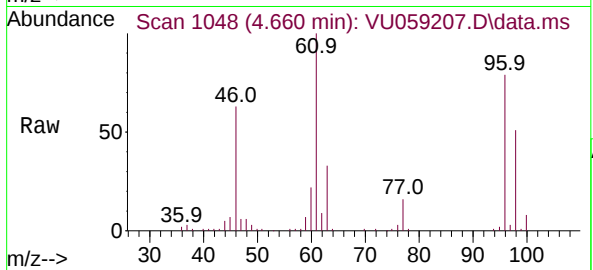
Tgt Ion: 43 Resp: 161458
Ion Ratio Lower Upper
43 100
72 31.4 13.8 41.4



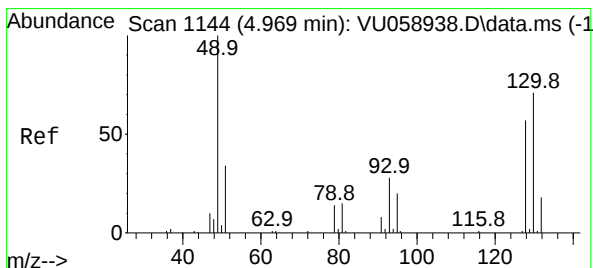
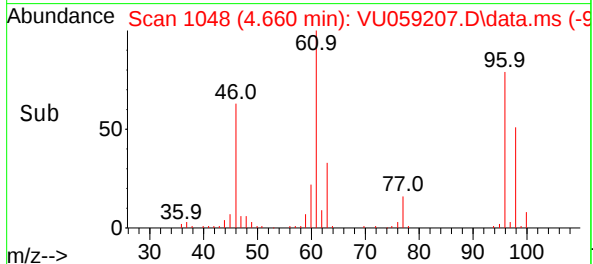
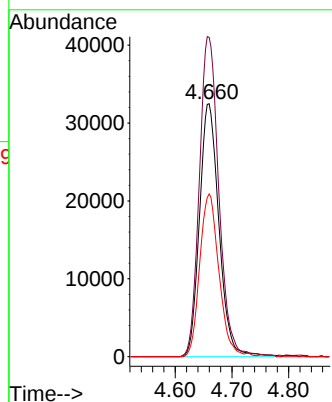


#22
 cis-1,2-Dichloroethene
 Concen: 5.046 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU059207.D
 Acq: 11 Jun 2024 08:44

Instrument :
 MSVOA_U
 ClientSampleId :

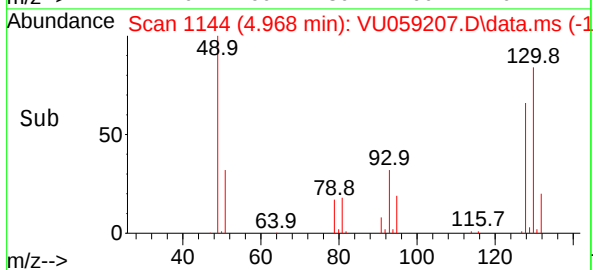
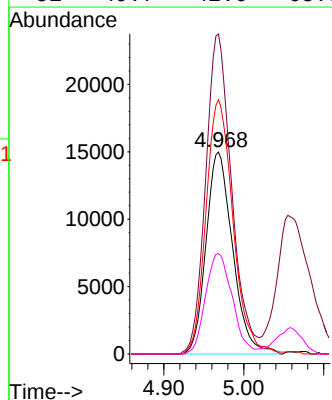
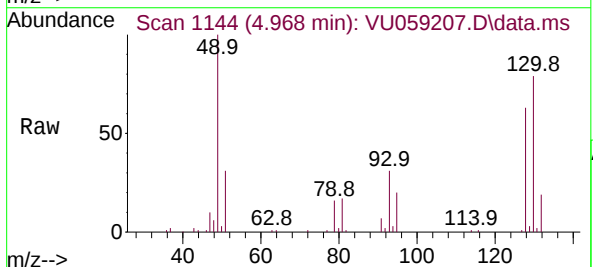


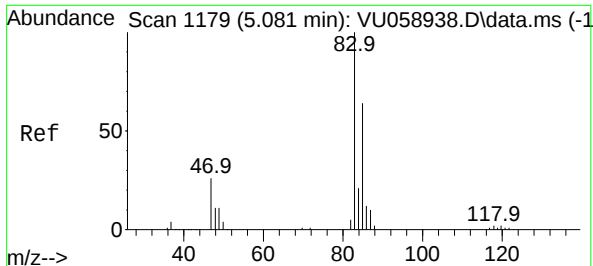
Tgt Ion: 96	Resp: 77345
Ion Ratio	Lower Upper
96 100	
61 126.3	87.4 162.2
98 64.4	42.3 78.5



#23
 Bromochloromethane
 Concen: 5.111 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.000 min
 Lab File: VU059207.D
 Acq: 11 Jun 2024 08:44

Tgt	Ion:128	Resp:	34596
Ion	Ratio	Lower	Upper
128	100		
49	158.5	117.0	217.4
130	125.9	89.6	166.4
51	49.7	42.0	63.0

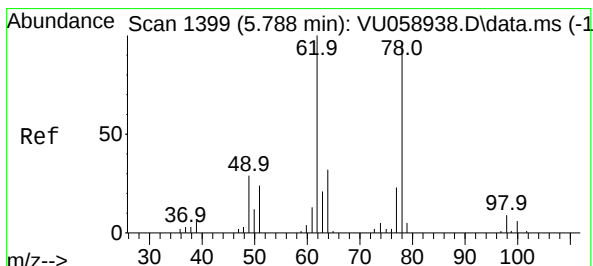
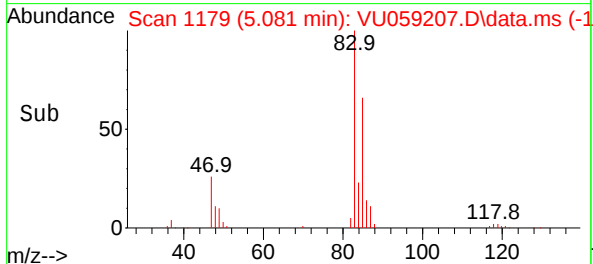
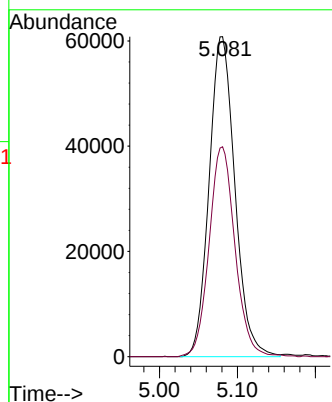
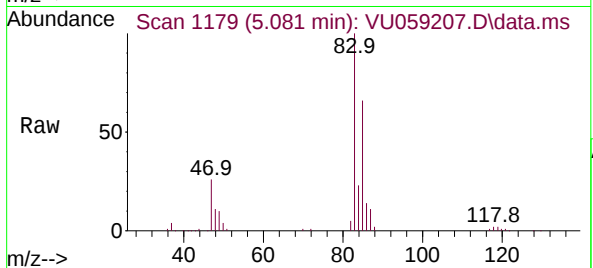




#25
Chloroform
Concen: 4.816 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VU059207.D
Acq: 11 Jun 2024 08:44

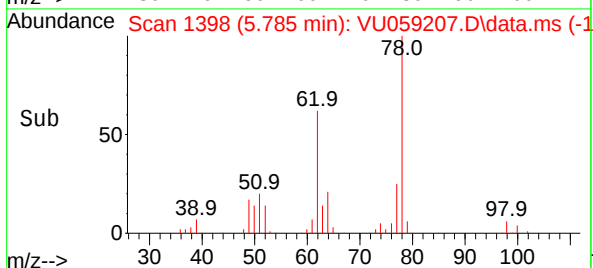
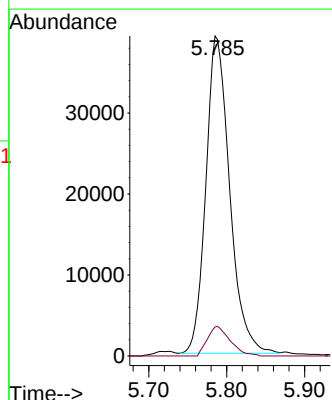
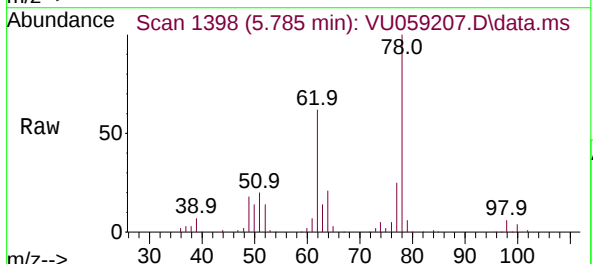
Instrument :
MSVOA_U
ClientSampleId :

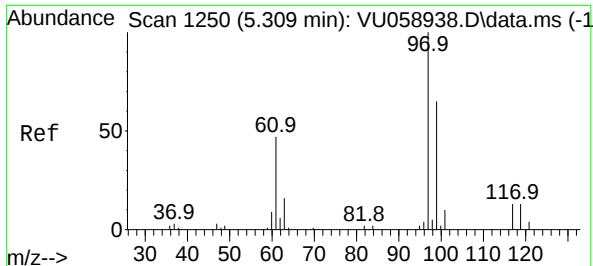
Tgt Ion: 83 Resp: 140057
Ion Ratio Lower Upper
83 100
85 65.6 44.7 83.1



#27
1,2-Dichloroethane
Concen: 4.686 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.003 min
Lab File: VU059207.D
Acq: 11 Jun 2024 08:44

Tgt Ion: 62 Resp: 83256
Ion Ratio Lower Upper
62 100
98 9.0 7.5 11.3

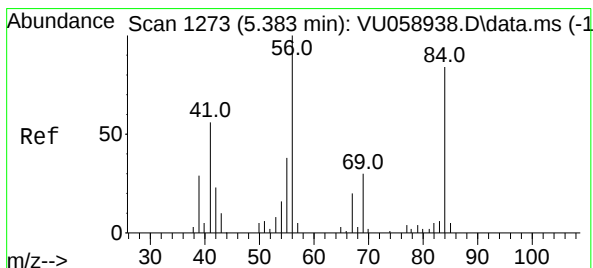
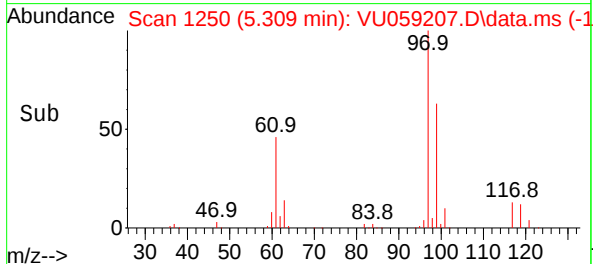
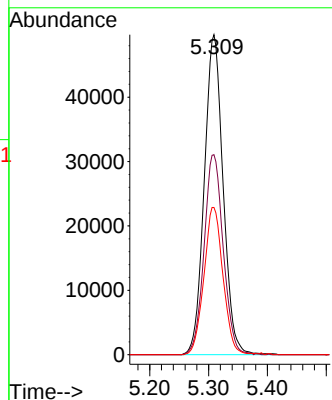
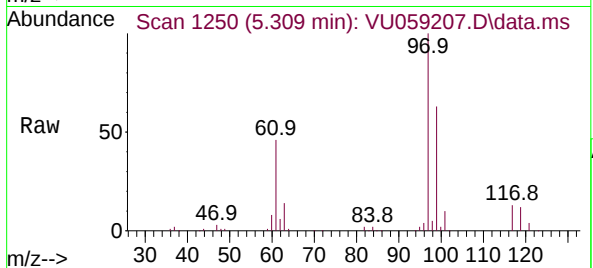




#29
1,1,1-Trichloroethane
Concen: 4.973 ug/L
RT: 5.309 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU059207.D
Acq: 11 Jun 2024 08:44

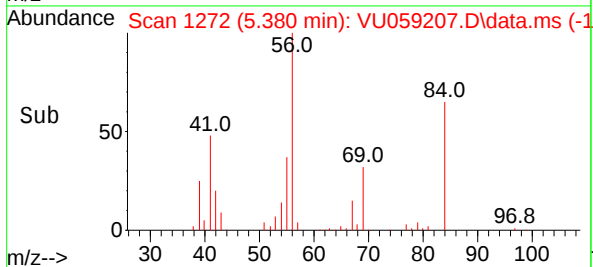
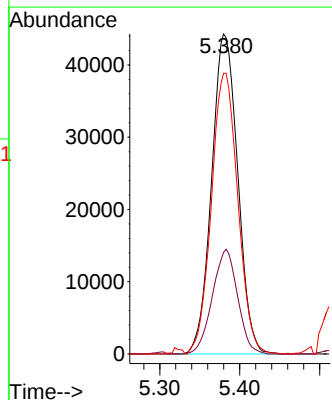
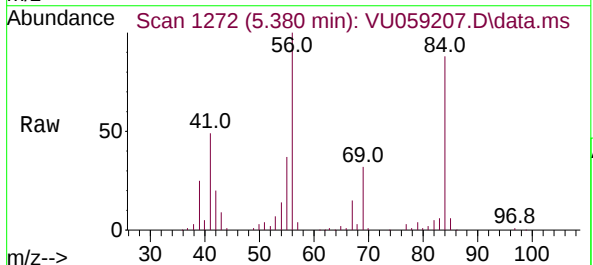
Instrument :
MSVOA_U
ClientSampleId :

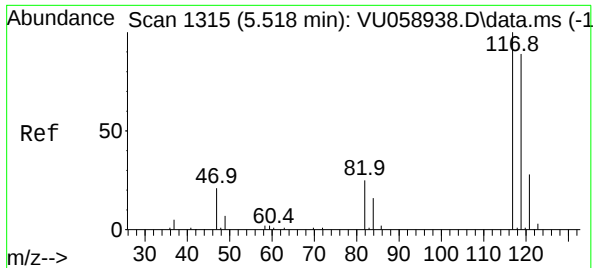
Tgt Ion: 97 Resp: 110409
Ion Ratio Lower Upper
97 100
99 63.6 51.8 77.6
61 46.4 37.4 56.2



#30
Cyclohexane
Concen: 4.780 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VU059207.D
Acq: 11 Jun 2024 08:44

Tgt Ion: 56 Resp: 100345
Ion Ratio Lower Upper
56 100
69 31.6 24.8 37.2
84 88.8 69.8 104.8

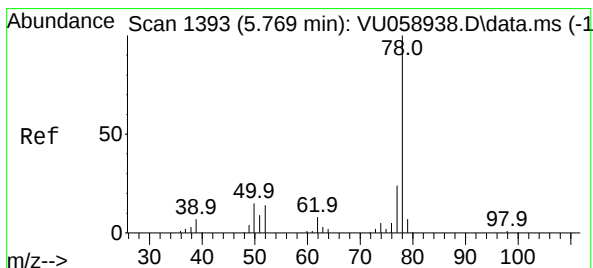
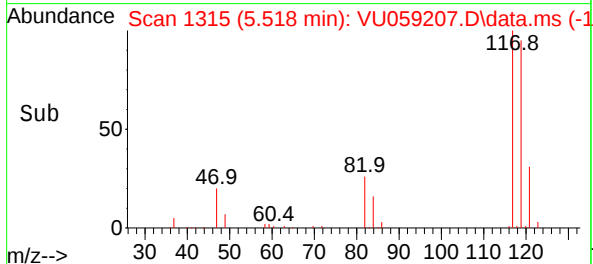
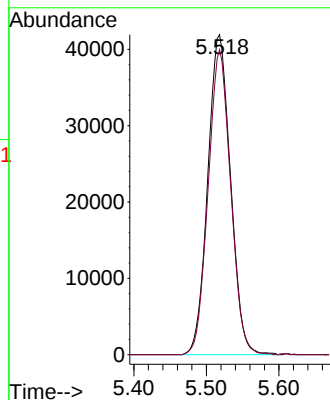
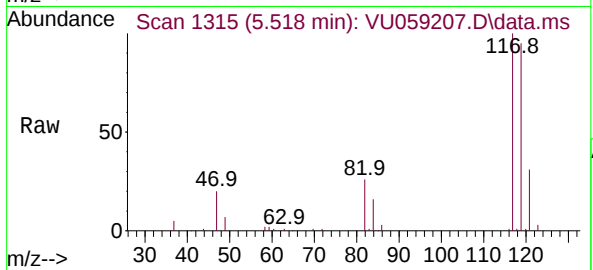




#31
Carbon tetrachloride
Concen: 4.937 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU059207.D
Acq: 11 Jun 2024 08:44

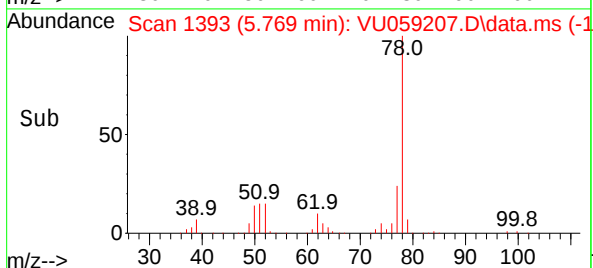
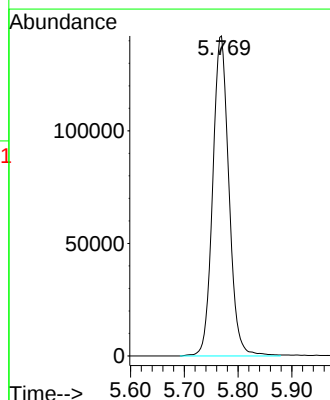
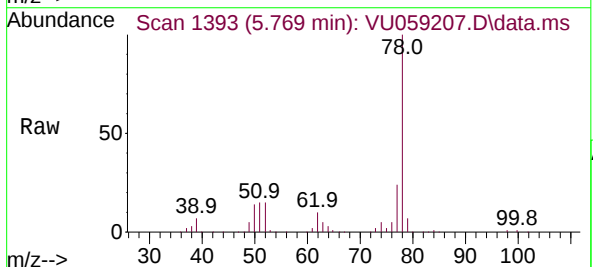
Instrument :
MSVOA_U
ClientSampleId :

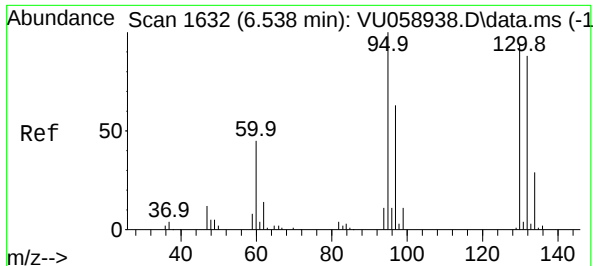
Tgt Ion:117 Resp: 91437
Ion Ratio Lower Upper
117 100
119 94.1 77.5 116.3



#33
Benzene
Concen: 5.104 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU059207.D
Acq: 11 Jun 2024 08:44

Tgt Ion: 78 Resp: 297900





#34

Trichloroethene

Concen: 5.065 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU059207.D

Acq: 11 Jun 2024 08:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 78209

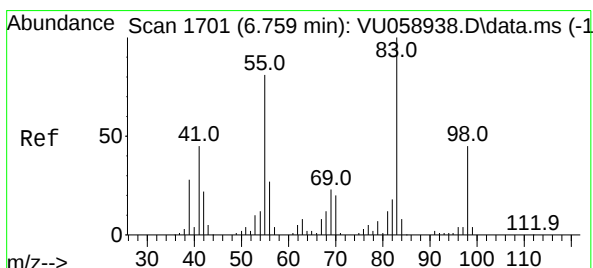
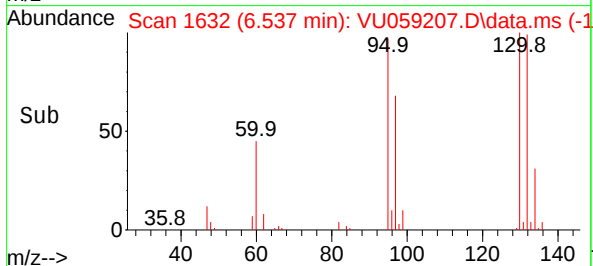
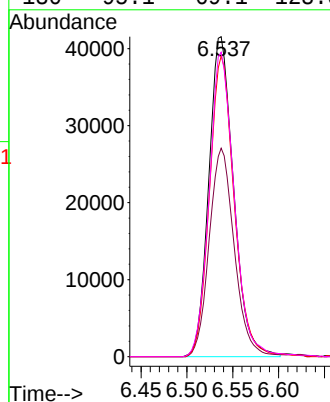
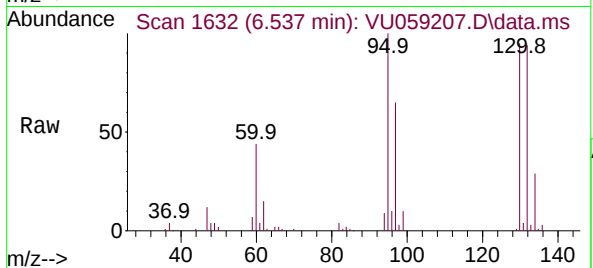
Ion Ratio Lower Upper

95 100

97 65.2 45.3 84.1

132 93.9 64.0 119.0

130 95.1 69.1 128.3



#35

Methylcyclohexane

Concen: 5.027 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VU059207.D

Acq: 11 Jun 2024 08:44

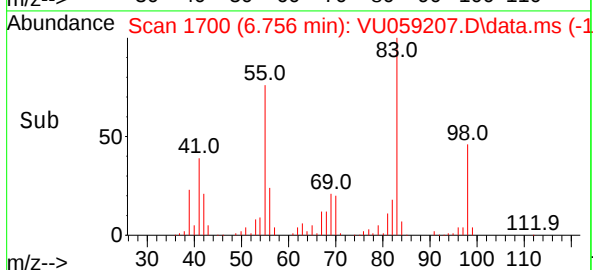
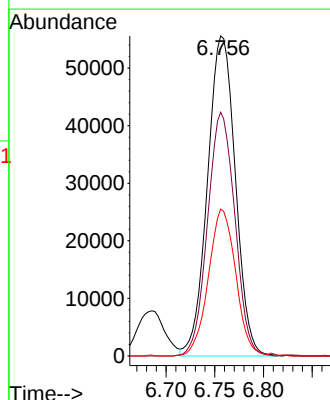
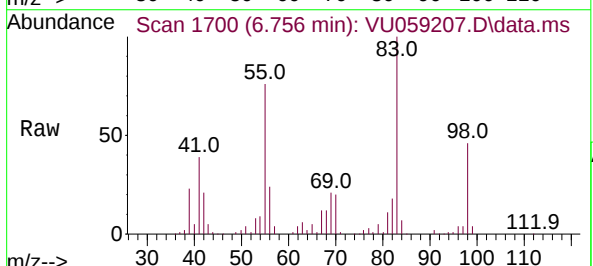
Tgt Ion: 83 Resp: 110733

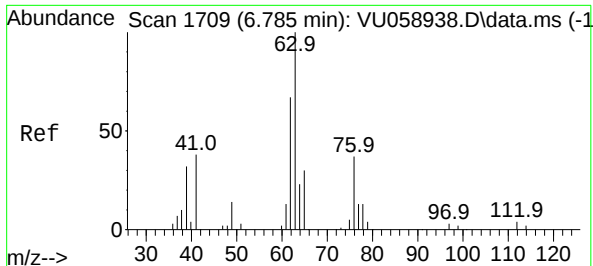
Ion Ratio Lower Upper

83 100

55 74.4 62.7 94.1

98 44.9 35.4 53.0

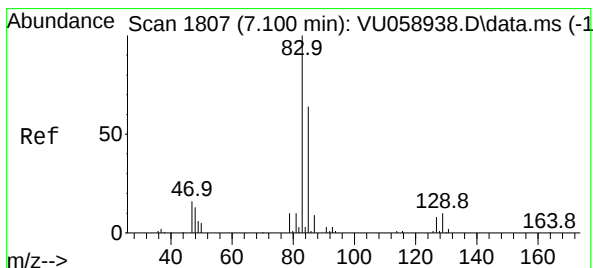
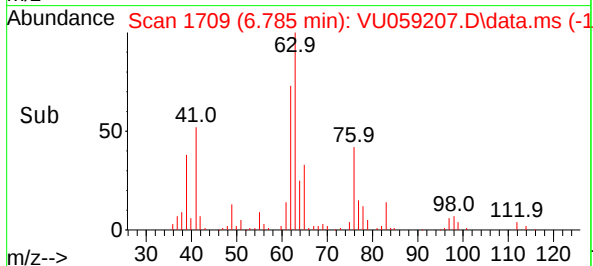
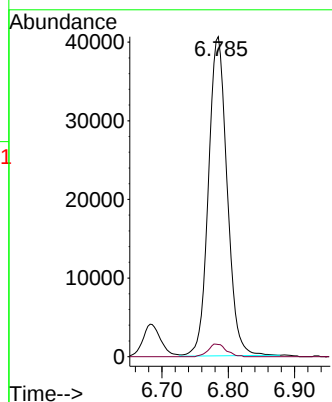
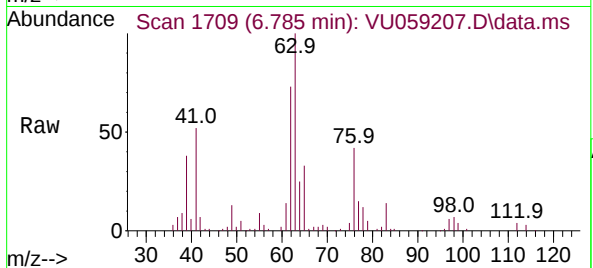




#37
1,2-Dichloropropane
Concen: 4.800 ug/L
RT: 6.785 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU059207.D
Acq: 11 Jun 2024 08:44

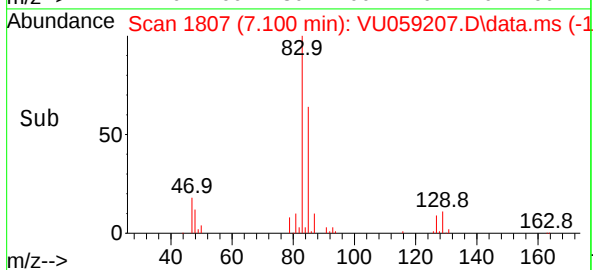
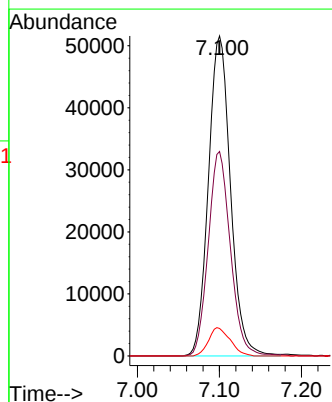
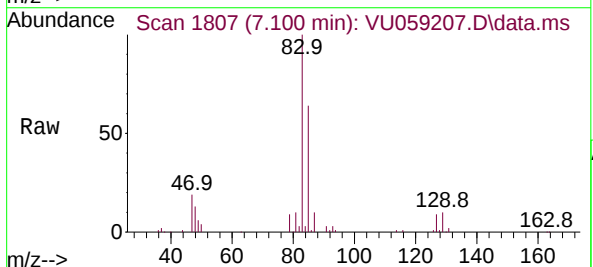
Instrument :
MSVOA_U
ClientSampleId :

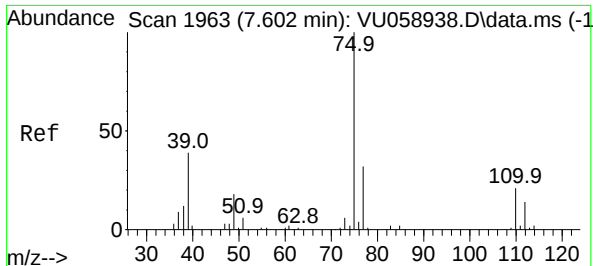
Tgt Ion: 63 Resp: 79522
Ion Ratio Lower Upper
63 100
112 3.8 2.6 3.8#



#38
Bromodichloromethane
Concen: 4.857 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU059207.D
Acq: 11 Jun 2024 08:44

Tgt Ion: 83 Resp: 96464
Ion Ratio Lower Upper
83 100
85 63.9 42.7 79.3
127 8.6 6.1 9.1

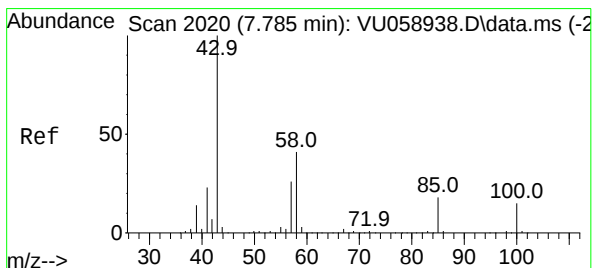
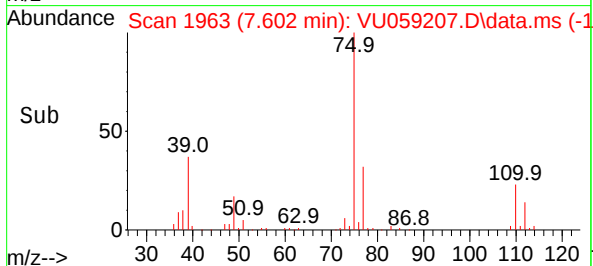
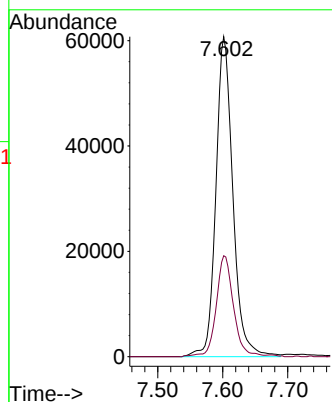
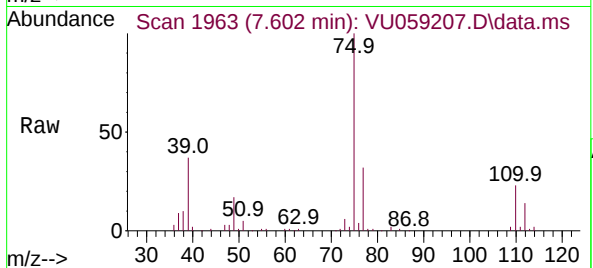




#39
 cis-1,3-Dichloropropene
 Concen: 4.881 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. -0.000 min
 Lab File: VU059207.D
 Acq: 11 Jun 2024 08:44

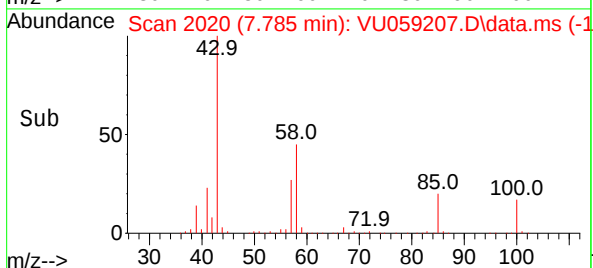
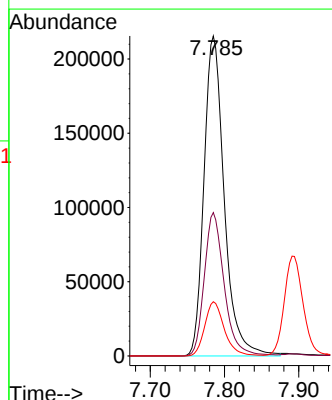
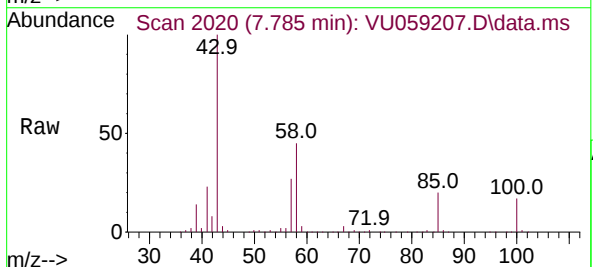
Instrument :
 MSVOA_U
 ClientSampleId :

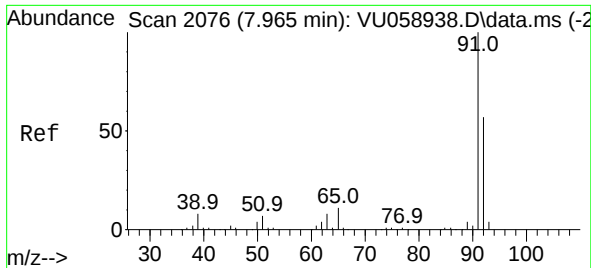
Tgt Ion: 75 Resp: 110224
 Ion Ratio Lower Upper
 75 100
 77 31.5 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 47.680 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.000 min
 Lab File: VU059207.D
 Acq: 11 Jun 2024 08:44

Tgt Ion: 43 Resp: 408313
 Ion Ratio Lower Upper
 43 100
 58 44.0 34.0 51.0
 100 16.4 12.1 18.1





#42

Toluene

Concen: 5.300 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU059207.D

Acq: 11 Jun 2024 08:44

Instrument :

MSVOA_U

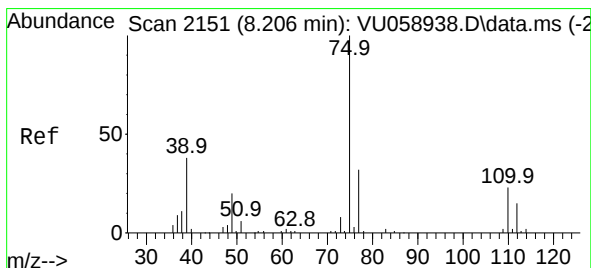
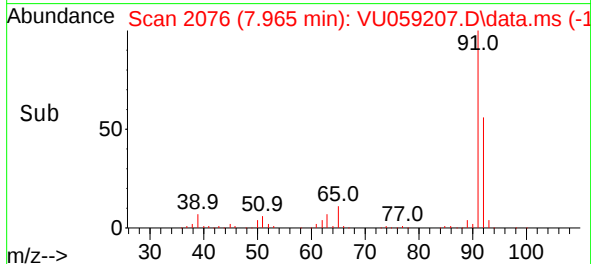
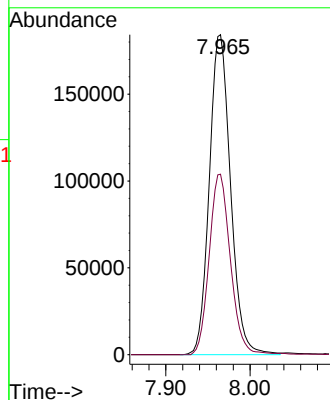
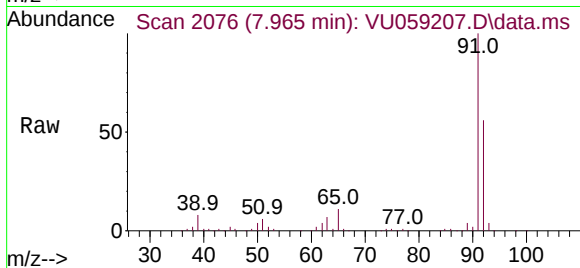
ClientSampleId :

Tgt Ion: 91 Resp: 322636

Ion Ratio Lower Upper

91 100

92 56.4 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 4.871 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. -0.000 min

Lab File: VU059207.D

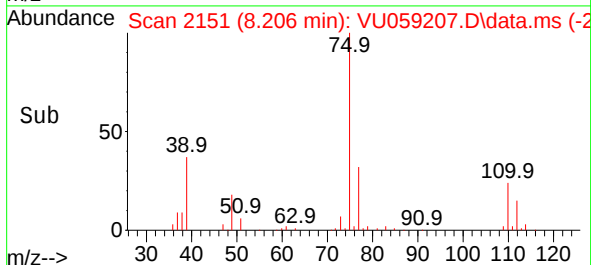
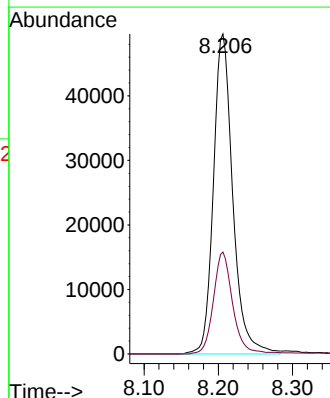
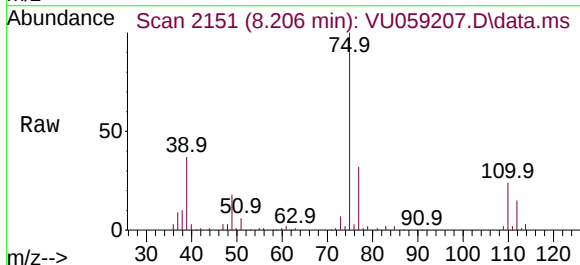
Acq: 11 Jun 2024 08:44

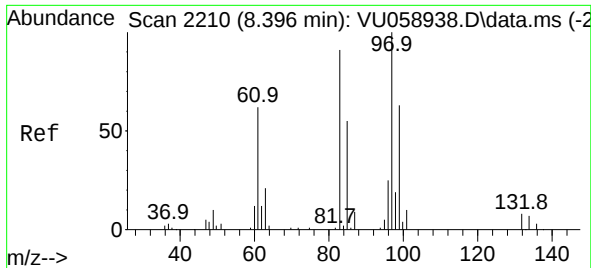
Tgt Ion: 75 Resp: 89757

Ion Ratio Lower Upper

75 100

77 31.9 22.0 41.0

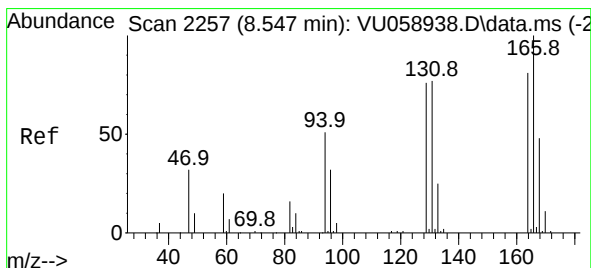
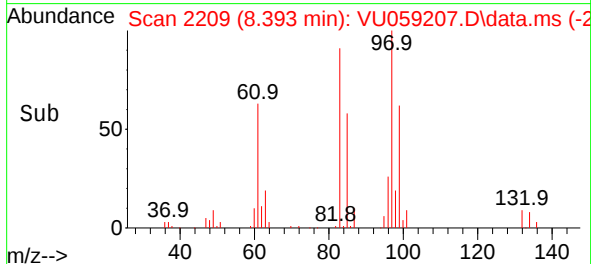
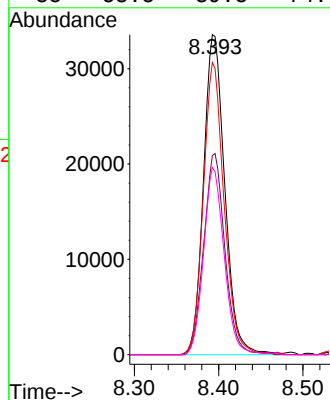
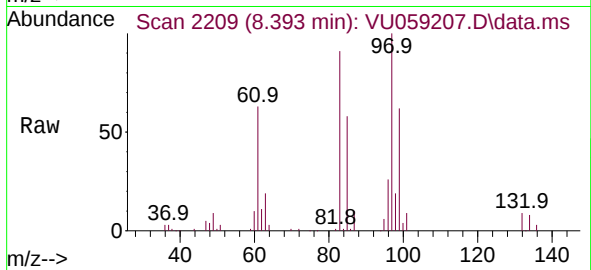




#45
1,1,2-Trichloroethane
Concen: 5.062 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.003 min
Lab File: VU059207.D
Acq: 11 Jun 2024 08:44

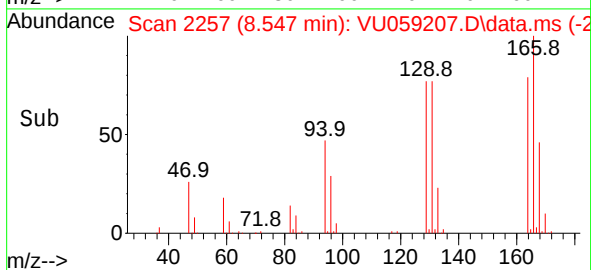
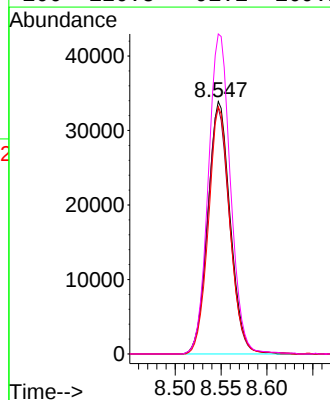
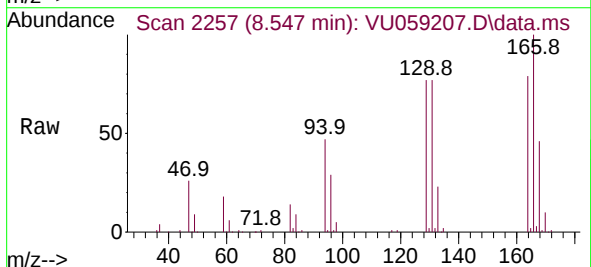
Instrument :
MSVOA_U
ClientSampleId :

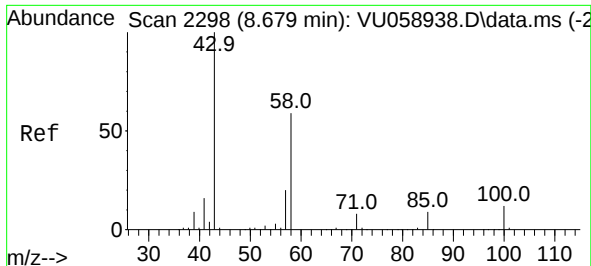
Tgt Ion:	97	Resp:	59001
Ion	Ratio	Lower	Upper
97	100		
99	62.2	43.3	80.3
83	91.3	62.3	115.7
85	58.5	39.8	74.0



#47
Tetrachloroethene
Concen: 5.247 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU059207.D
Acq: 11 Jun 2024 08:44

Tgt Ion:	164	Resp:	57711
Ion	Ratio	Lower	Upper
164	100		
129	97.5	70.8	131.4
131	97.9	64.8	120.3
166	126.8	91.1	169.1





#48

2-Hexanone

Concen: 49.050 ug/L

RT: 8.679 min Scan# 2298

Delta R.T. -0.000 min

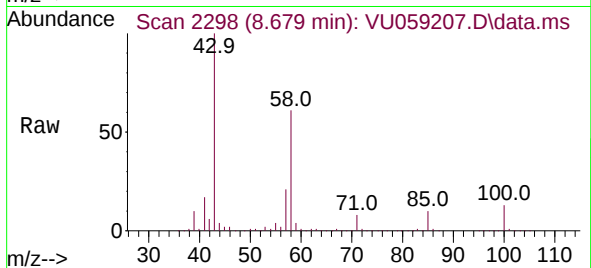
Lab File: VU059207.D

Acq: 11 Jun 2024 08:44

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 302702

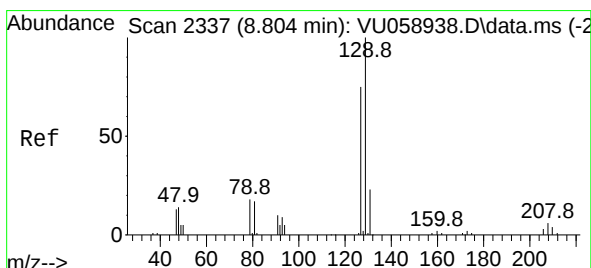
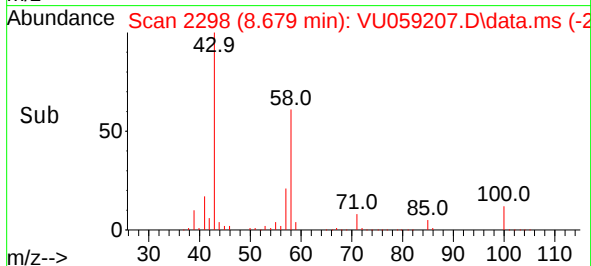
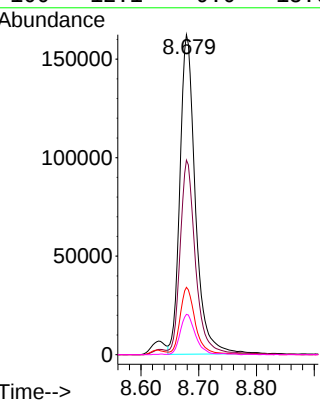
Ion Ratio Lower Upper

43 100

58 59.9 46.1 69.1

57 20.8 15.5 23.3

100 12.1 9.0 13.6



#49

Dibromochloromethane

Concen: 5.200 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VU059207.D

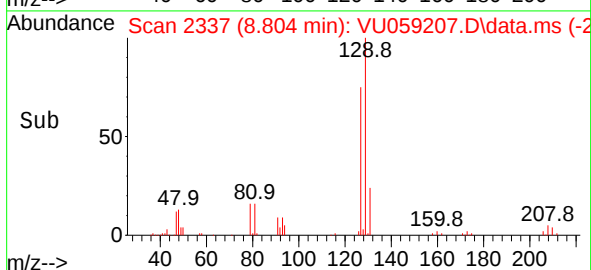
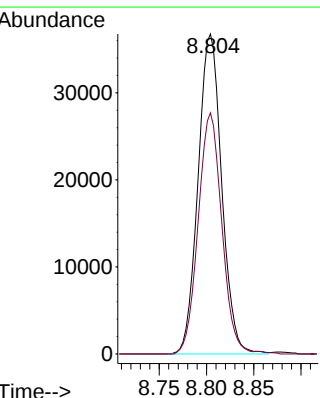
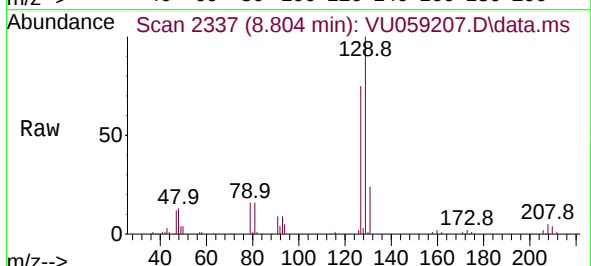
Acq: 11 Jun 2024 08:44

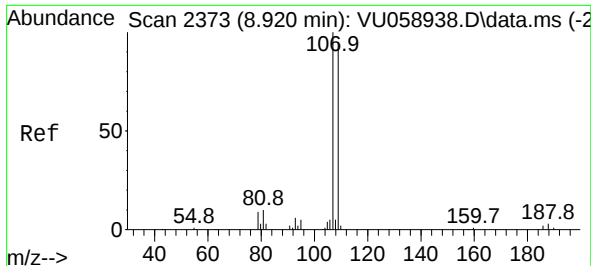
Tgt Ion: 129 Resp: 63912

Ion Ratio Lower Upper

129 100

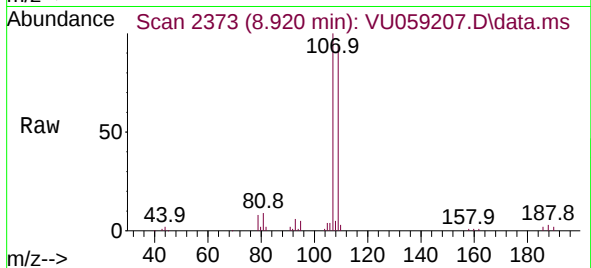
127 75.4 52.5 97.5



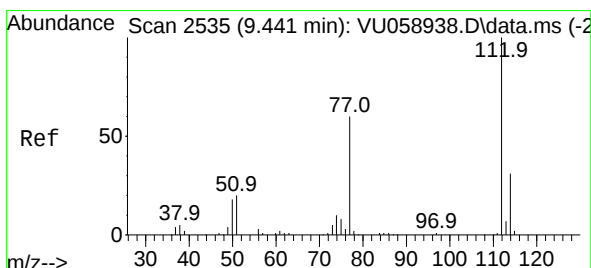
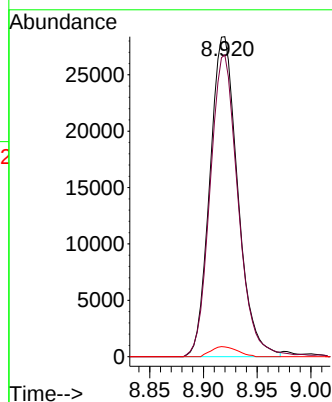
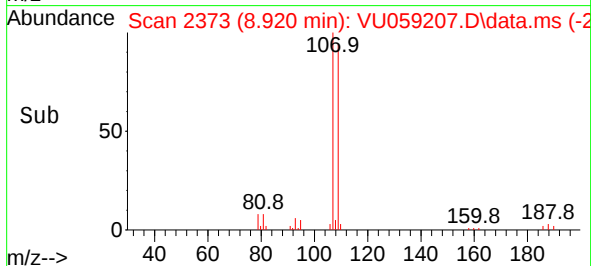


#50
1,2-Dibromoethane
Concen: 4.967 ug/L
RT: 8.920 min Scan# 2373
Delta R.T. -0.000 min
Lab File: VU059207.D
Acq: 11 Jun 2024 08:44

Instrument :
MSVOA_U
ClientSampleId :

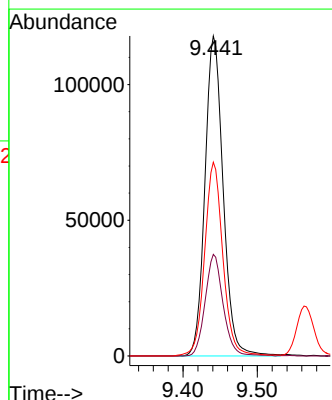
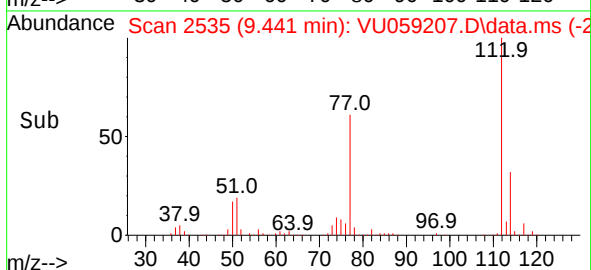
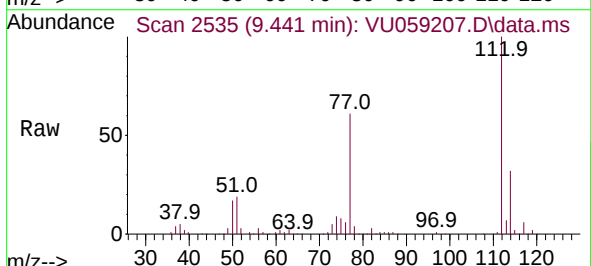


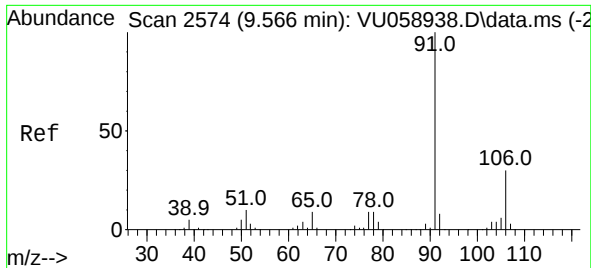
Tgt Ion:107 Resp: 51163
Ion Ratio Lower Upper
107 100
109 94.3 66.9 124.3
188 3.1 2.7 4.1



#51
Chlorobenzene
Concen: 5.177 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU059207.D
Acq: 11 Jun 2024 08:44

Tgt Ion:112 Resp: 200862
Ion Ratio Lower Upper
112 100
114 31.7 22.4 41.6
77 60.6 49.1 73.7

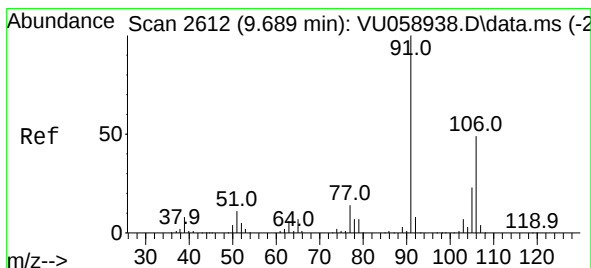
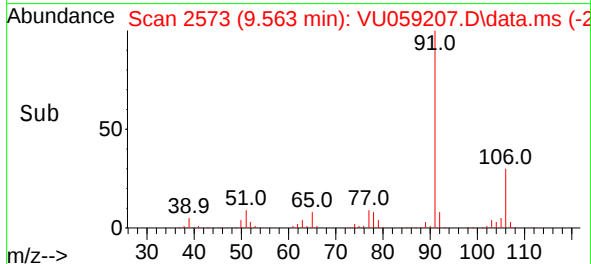
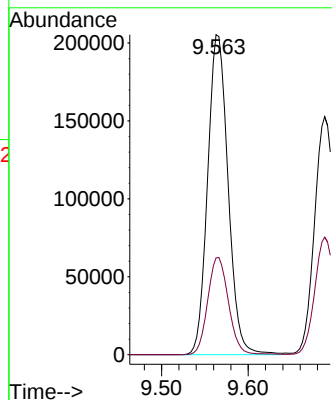
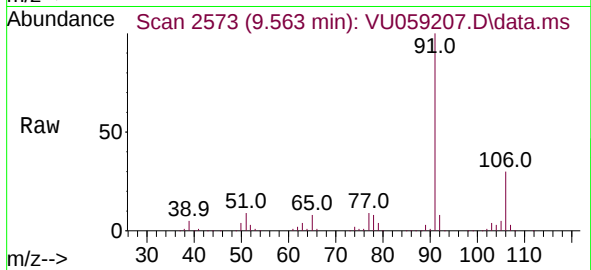




#52
Ethylbenzene
Concen: 5.132 ug/L
RT: 9.563 min Scan# 2574
Delta R.T. -0.003 min
Lab File: VU059207.D
Acq: 11 Jun 2024 08:44

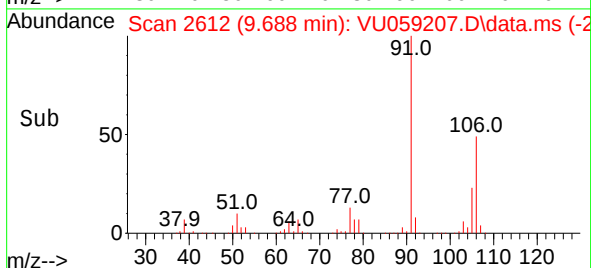
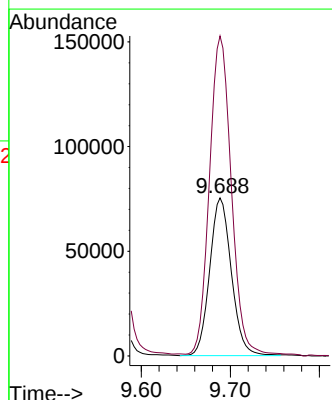
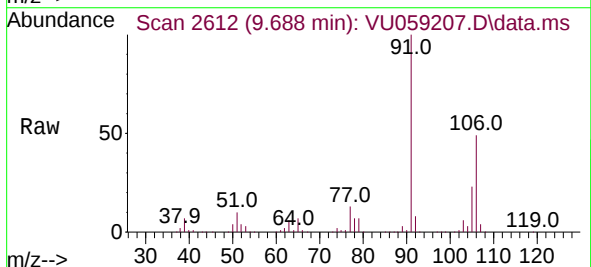
Instrument :
MSVOA_U
ClientSampleId :

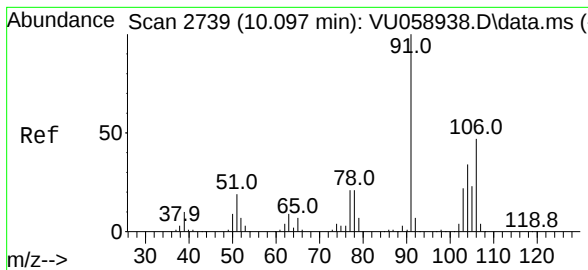
Tgt Ion: 91 Resp: 337306
Ion Ratio Lower Upper
91 100
106 30.2 20.9 38.7



#53
m,p-Xylene
Concen: 5.277 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU059207.D
Acq: 11 Jun 2024 08:44

Tgt Ion:106 Resp: 126940
Ion Ratio Lower Upper
106 100
91 202.4 142.0 263.8

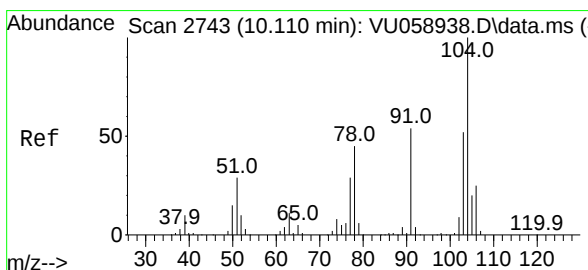
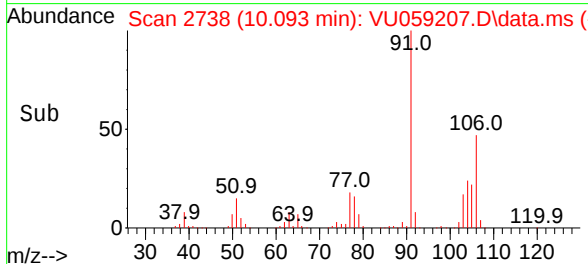
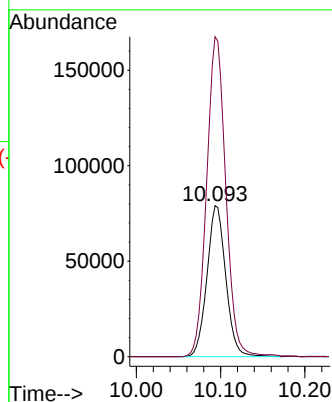
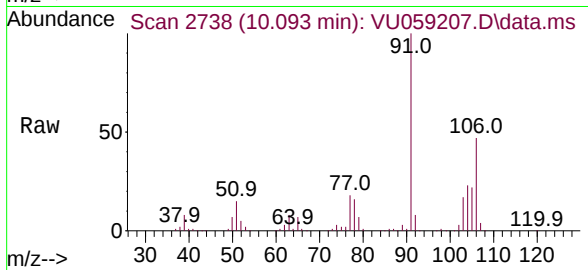




#54
o-Xylene
Concen: 5.224 ug/L
RT: 10.093 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU059207.D
Acq: 11 Jun 2024 08:44

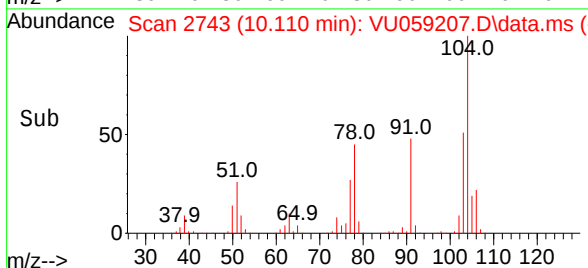
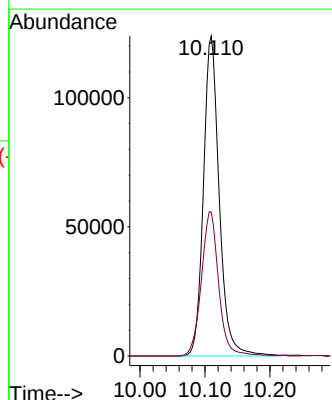
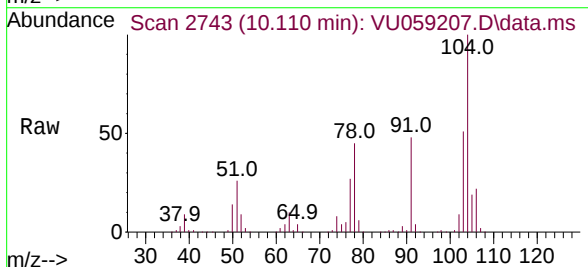
Instrument :
MSVOA_U
ClientSampleId :

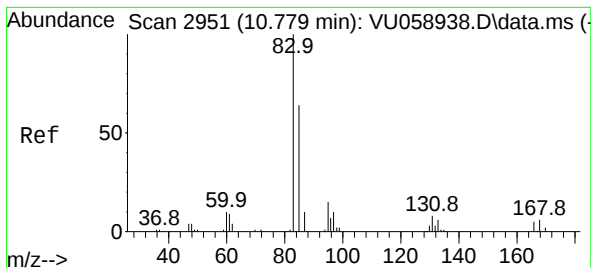
Tgt Ion:106 Resp: 122901
Ion Ratio Lower Upper
106 100
91 211.7 151.6 281.6



#55
Styrene
Concen: 5.315 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU059207.D
Acq: 11 Jun 2024 08:44

Tgt Ion:104 Resp: 210351
Ion Ratio Lower Upper
104 100
78 45.0 32.3 60.1





#57

1,1,2,2-Tetrachloroethane

Concen: 4.782 ug/L

RT: 10.775 min Scan# 2951

Delta R.T. -0.003 min

Lab File: VU059207.D

Acq: 11 Jun 2024 08:44

Instrument :

MSVOA_U

ClientSampleId :

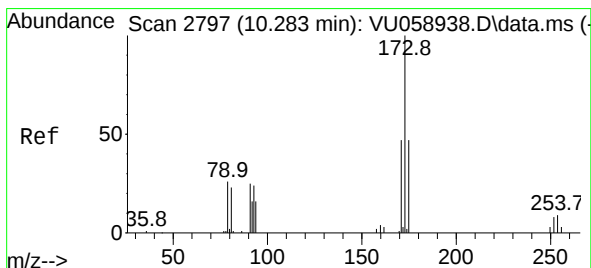
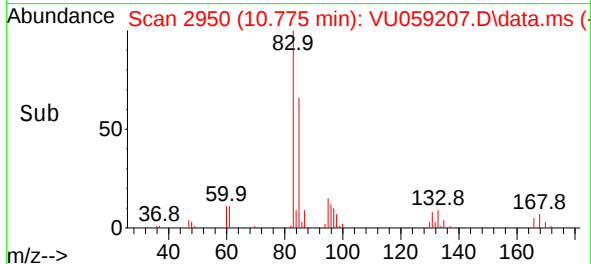
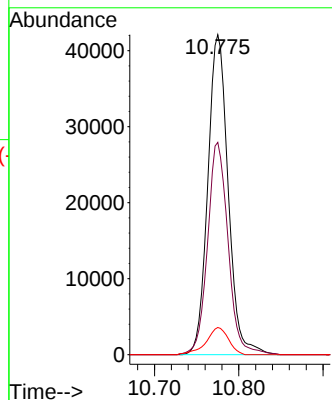
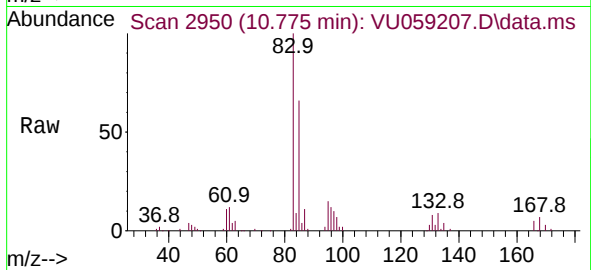
Tgt Ion: 83 Resp: 70659

Ion Ratio Lower Upper

83 100

85 66.4 44.7 82.9

131 8.5 6.9 10.3



#59

Bromoform

Concen: 5.134 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. 0.003 min

Lab File: VU059207.D

Acq: 11 Jun 2024 08:44

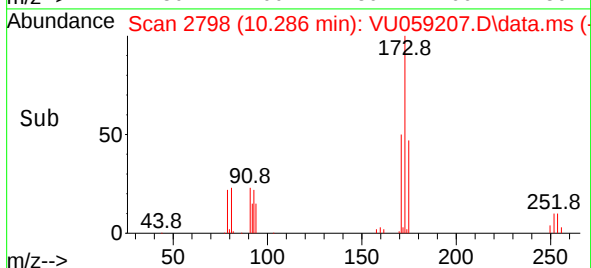
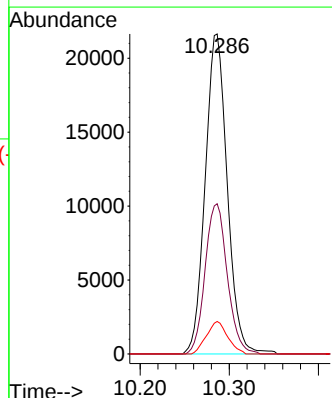
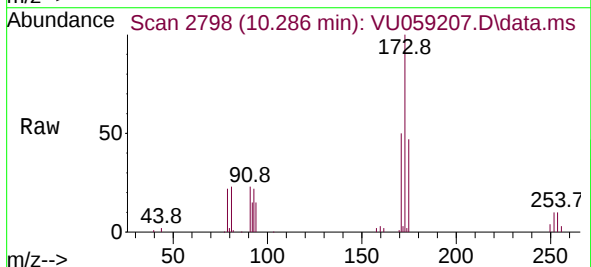
Tgt Ion:173 Resp: 37185

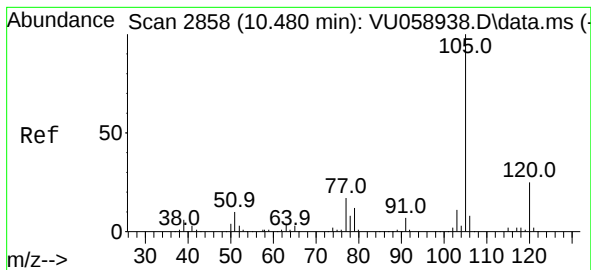
Ion Ratio Lower Upper

173 100

175 47.2 39.4 59.2

254 9.8 7.4 11.2





#60

Isopropylbenzene

Concen: 5.219 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. -0.000 min

Lab File: VU059207.D

Acq: 11 Jun 2024 08:44

Instrument :

MSVOA_U

ClientSampleId :

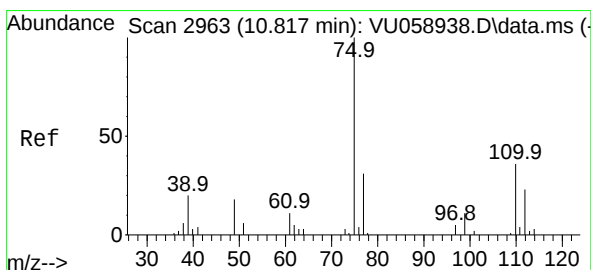
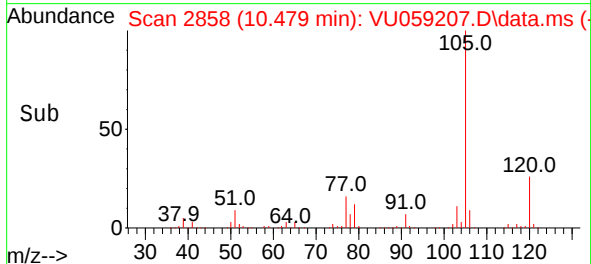
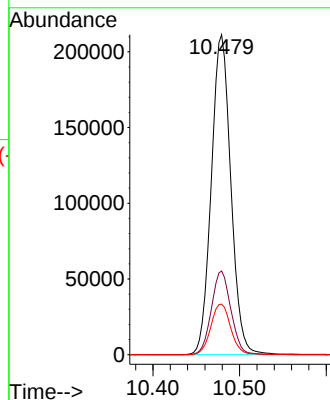
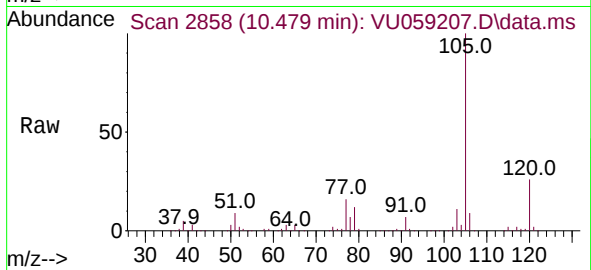
Tgt Ion:105 Resp: 331220

Ion Ratio Lower Upper

105 100

120 26.1 20.6 31.0

77 16.2 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 4.920 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. -0.000 min

Lab File: VU059207.D

Acq: 11 Jun 2024 08:44

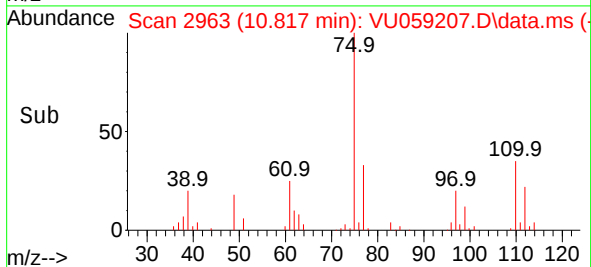
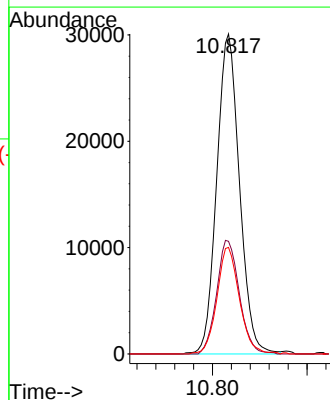
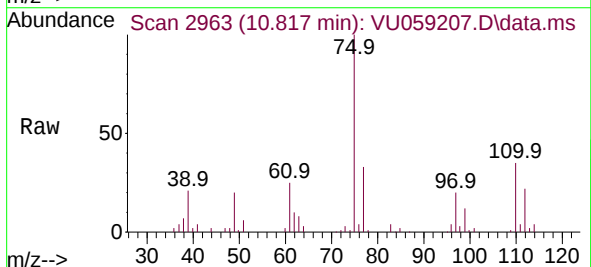
Tgt Ion: 75 Resp: 50222

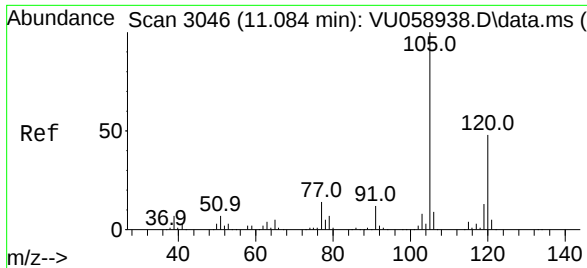
Ion Ratio Lower Upper

75 100

110 35.3 27.1 40.7

77 32.7 25.4 38.2





#62

1,3,5-Trimethylbenzene

Concen: 5.180 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU059207.D

Acq: 11 Jun 2024 08:44

Instrument :

MSVOA_U

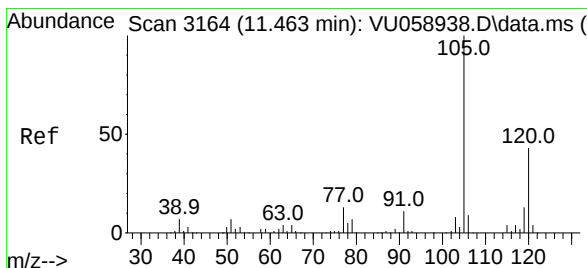
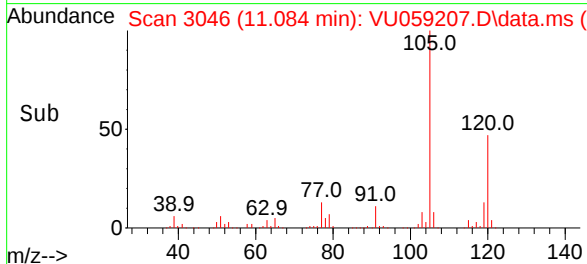
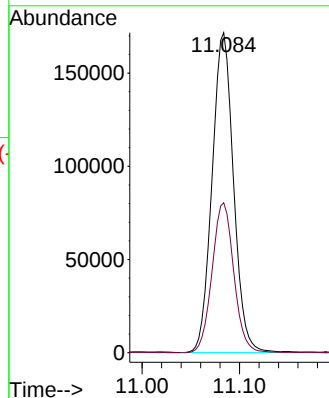
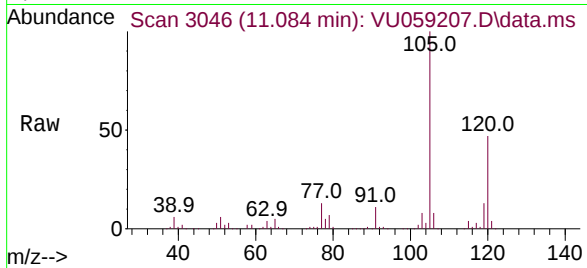
ClientSampleId :

Tgt Ion:105 Resp: 262010

Ion Ratio Lower Upper

105 100

120 47.6 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 5.129 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU059207.D

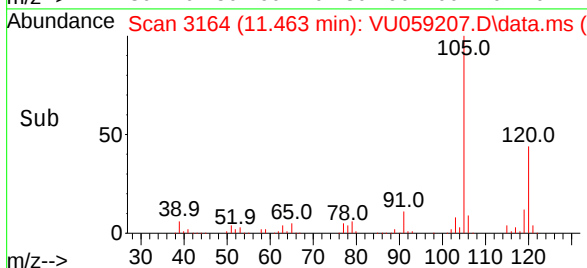
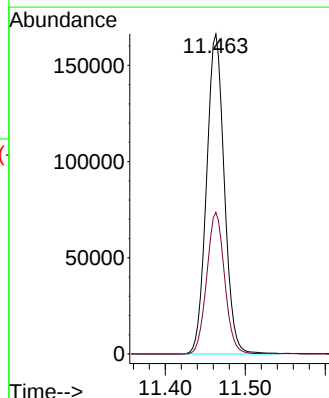
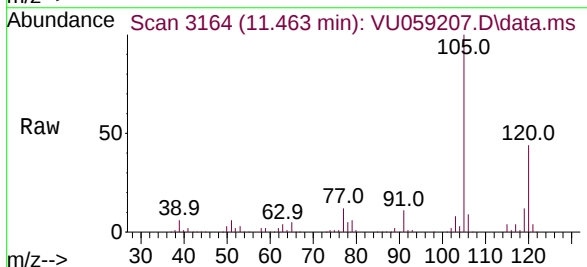
Acq: 11 Jun 2024 08:44

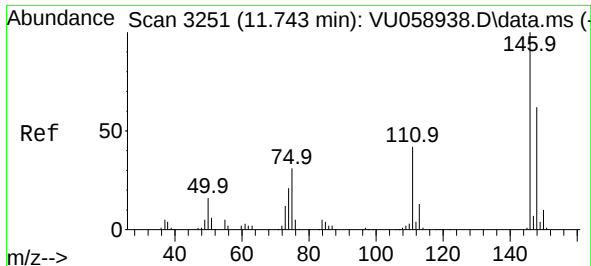
Tgt Ion:105 Resp: 257253

Ion Ratio Lower Upper

105 100

120 44.5 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 5.096 ug/L

RT: 11.740 min Scan# 3251

Delta R.T. -0.003 min

Lab File: VU059207.D

Acq: 11 Jun 2024 08:44

Instrument :

MSVOA_U

ClientSampleId :

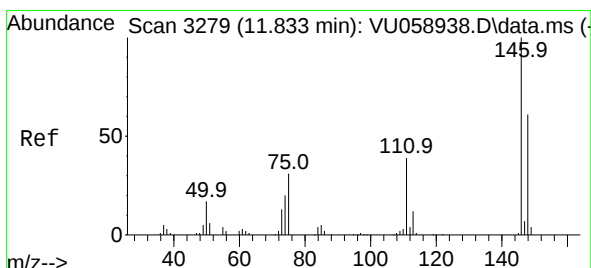
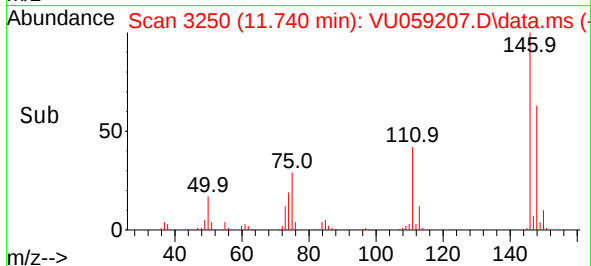
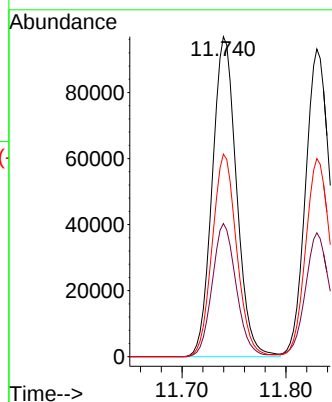
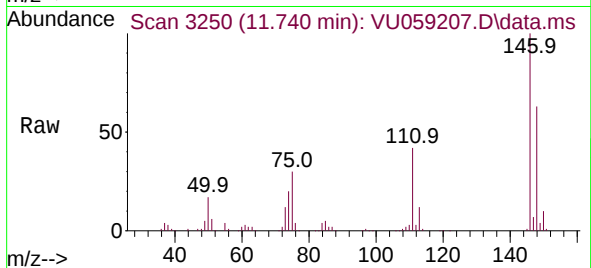
Tgt Ion:146 Resp: 157341

Ion Ratio Lower Upper

146 100

111 41.6 27.4 51.0

148 63.3 45.0 83.6



#65

1,4-Dichlorobenzene

Concen: 5.076 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.003 min

Lab File: VU059207.D

Acq: 11 Jun 2024 08:44

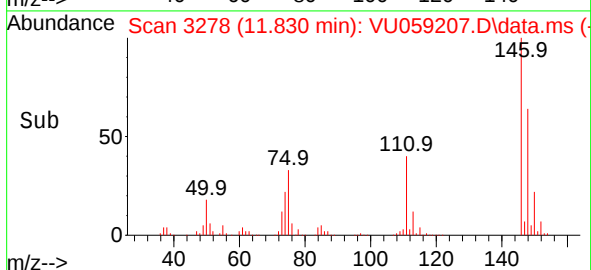
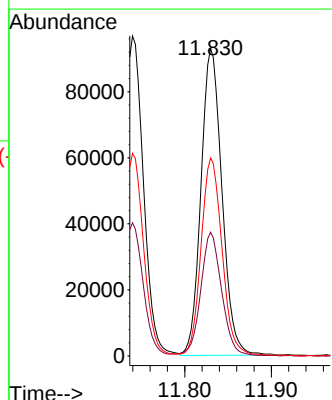
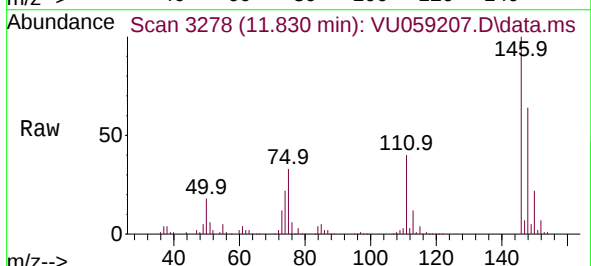
Tgt Ion:146 Resp: 156443

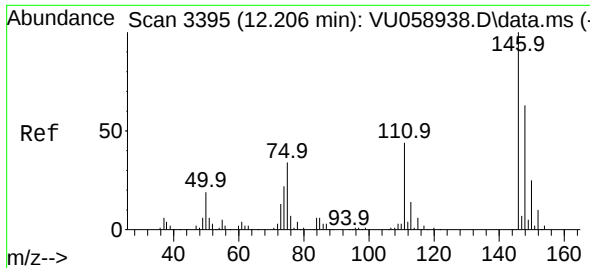
Ion Ratio Lower Upper

146 100

111 40.3 26.9 50.1

148 64.4 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.148 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU059207.D

Acq: 11 Jun 2024 08:44

Instrument :

MSVOA_U

ClientSampleId :

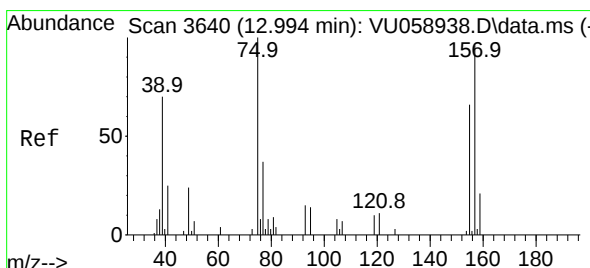
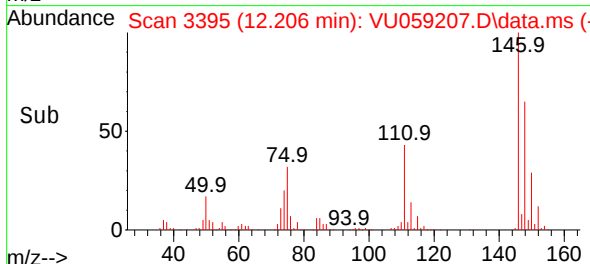
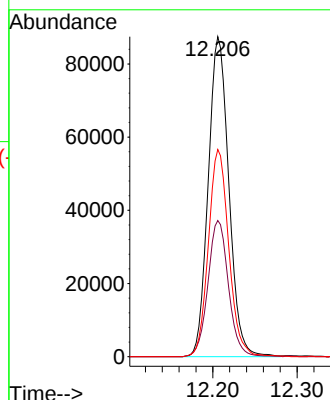
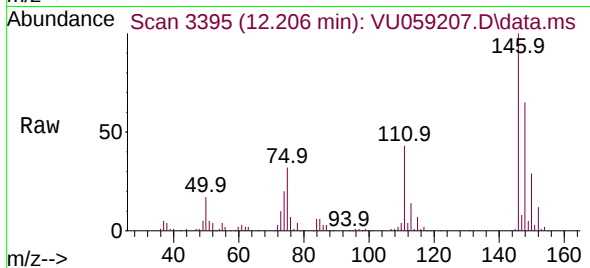
Tgt Ion:146 Resp: 148565

Ion Ratio Lower Upper

146 100

111 42.5 33.4 50.0

148 64.8 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 4.571 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.003 min

Lab File: VU059207.D

Acq: 11 Jun 2024 08:44

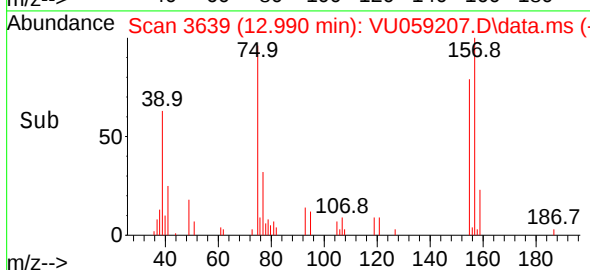
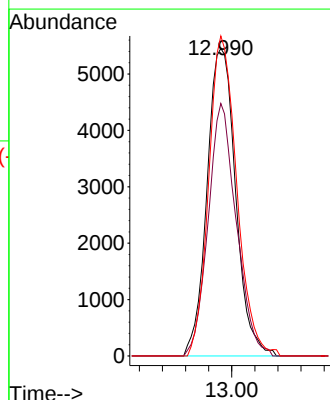
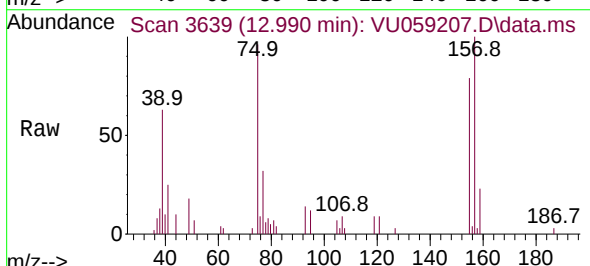
Tgt Ion: 75 Resp: 9386

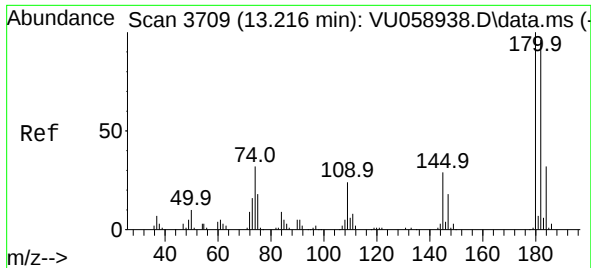
Ion Ratio Lower Upper

75 100

155 82.1 58.2 87.2

157 104.1 80.0 120.0





#69

1,3,5-Trichlorobenzene

Concen: 4.963 ug/L

RT: 13.212 min Scan# 3709

Delta R.T. -0.003 min

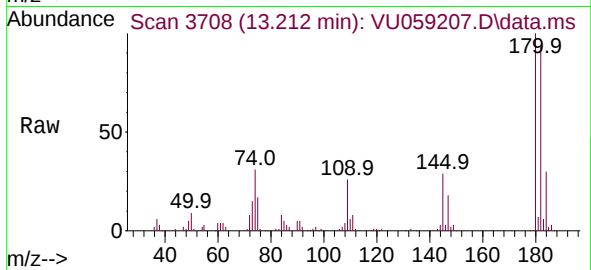
Lab File: VU059207.D

Acq: 11 Jun 2024 08:44

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 114900

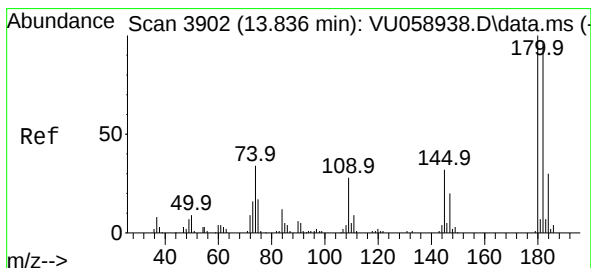
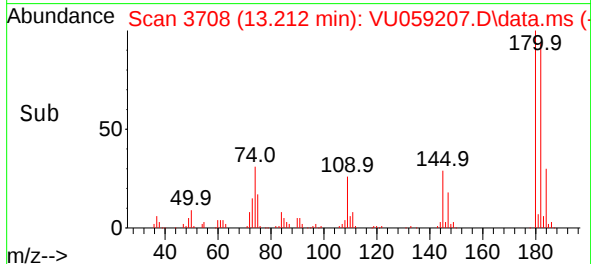
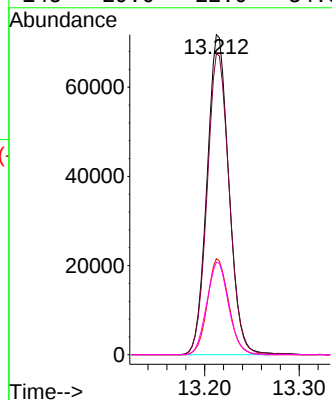
Ion Ratio Lower Upper

180 100

182 95.3 75.4 113.0

184 29.3 23.0 34.6

145 29.0 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 4.595 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU059207.D

Acq: 11 Jun 2024 08:44

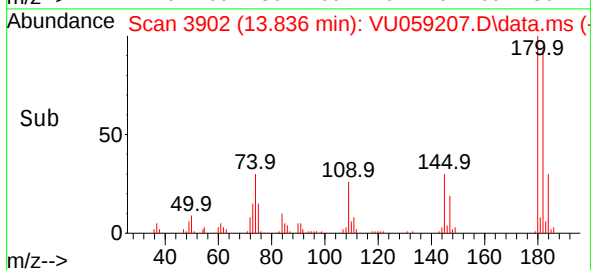
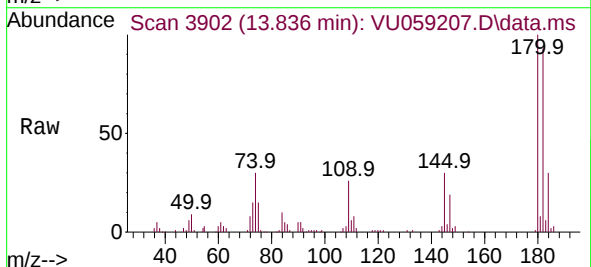
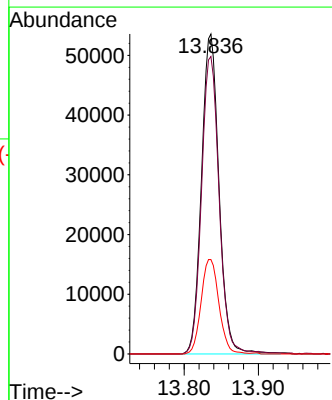
Tgt Ion:180 Resp: 87796

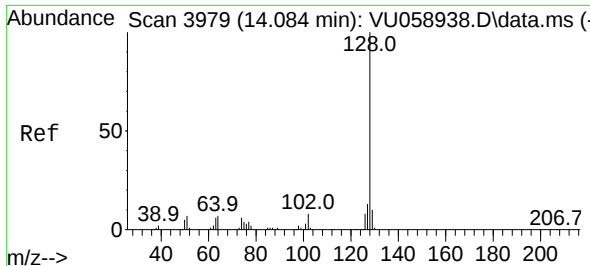
Ion Ratio Lower Upper

180 100

182 93.1 74.9 112.3

145 30.0 23.9 35.9

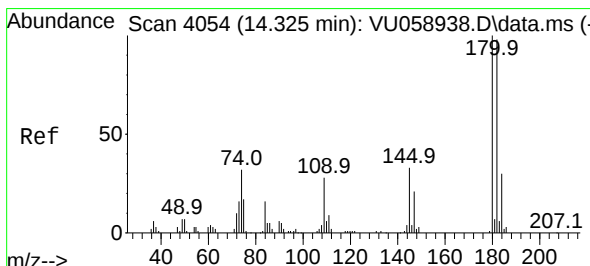
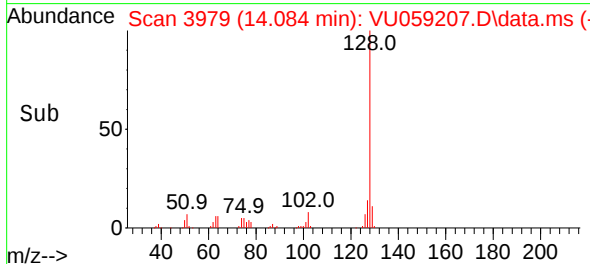
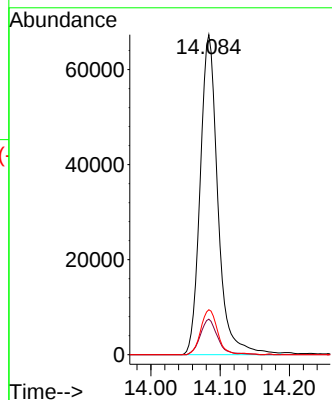
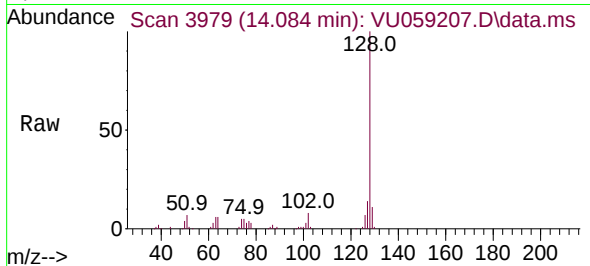




#71
Naphthalene
Concen: 4.152 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU059207.D
Acq: 11 Jun 2024 08:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 119560
Ion Ratio Lower Upper
128 100
129 10.9 8.2 12.4
127 13.2 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.672 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU059207.D
Acq: 11 Jun 2024 08:44

Tgt Ion:180 Resp: 78340
Ion Ratio Lower Upper
180 100
182 95.5 77.0 115.6
145 31.7 26.2 39.4

