

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071024\
 Data File : VU059893.D
 Acq On : 10 Jul 2024 11:45
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 11 01:54:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 11 01:53:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	150814	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	152786	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	82998	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	51504	4.911	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.200%
7) Chloroethane-d5	1.907	69	41418	4.105	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.000%
11) 1,1-Dichloroethene-d2	2.560	65	20158	4.633	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.600%
20) 2-Butanone-d5	4.628	46	97247	45.019	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.040%
24) Chloroform-d	5.055	84	90834	4.220	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	5.698	65	42813	4.129	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
32) Benzene-d6	5.721	84	180453	4.291	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.685	67	55597	4.315	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.200%
41) Toluene-d8	7.894	98	172713	4.418	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	8.177	79	20137	4.991	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.800%
46) 2-Hexanone-d5	8.627	63	82644	49.298	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.600%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	47426	4.455	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	62719	4.246	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	58870	4.607	ug/L	96
3) Chloromethane	1.515	50	66172	4.811	ug/L	100
5) Vinyl chloride	1.599	62	76436	5.031	ug/L	99
6) Bromomethane	1.853	94	42751	4.047	ug/L	95
8) Chloroethane	1.930	64	49287	5.384	ug/L	96
9) Trichlorofluoromethane	2.132	101	97580	5.335	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	63654	5.498	ug/L	94
12) 1,1-Dichloroethene	2.573	96	57170	5.345	ug/L	84
13) Acetone	2.640	43	90747	64.761	ug/L	92
14) Carbon disulfide	2.788	76	170051	4.765	ug/L	99
15) Methyl Acetate	2.949	43	20693	5.596	ug/L #	85
16) Methylene chloride	3.039	84	69784	5.506	ug/L	91
17) Methyl tert-butyl Ether	3.357	73	129706	5.627	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	60235	5.415	ug/L	89
19) 1,1-Dichloroethane	3.859	63	111100	5.416	ug/L	99
21) 2-Butanone	4.708	43	139876	62.235	ug/L	88
22) cis-1,2-Dichloroethene	4.660	96	66228	5.401	ug/L	96
23) Bromochloromethane	4.968	128	32714	5.852	ug/L #	85
25) Chloroform	5.081	83	117482	5.438	ug/L	97

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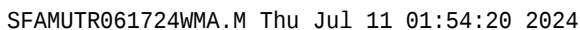
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 MSVOA_U
 ClientSampleId :

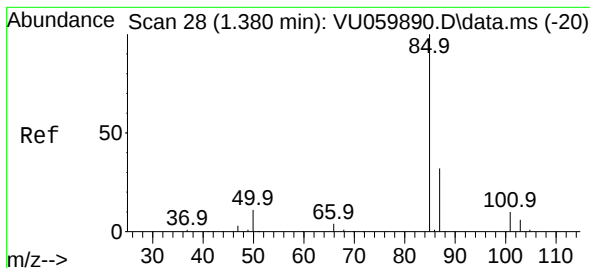
Quant Time: Jul 11 01:54:09 2024
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	69966	5.344	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	97968	5.553	ug/L	96
30) Cyclohexane	5.383	56	78194	5.020	ug/L	92
31) Carbon tetrachloride	5.518	117	80898	5.476	ug/L	98
33) Benzene	5.769	78	257038	5.540	ug/L	100
34) Trichloroethene	6.537	95	66957	5.329	ug/L	98
35) Methylcyclohexane	6.759	83	91634	5.125	ug/L	96
37) 1,2-Dichloropropane	6.785	63	68533	5.708	ug/L #	98
38) Bromodichloromethane	7.100	83	83929	5.600	ug/L #	95
39) cis-1,3-Dichloropropene	7.602	75	91854	5.594	ug/L	96
40) 4-Methyl-2-pentanone	7.785	43	333948	60.023	ug/L #	94
42) Toluene	7.965	91	281189	5.724	ug/L	97
44) trans-1,3-Dichloropropene	8.206	75	77009	5.843	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	53675	6.067	ug/L	98
47) Tetrachloroethene	8.550	164	55674	5.710	ug/L	93
48) 2-Hexanone	8.679	43	252168	63.507	ug/L #	92
49) Dibromochloromethane	8.804	129	58522	5.971	ug/L	96
50) 1,2-Dibromoethane	8.920	107	49201	6.021	ug/L	99
51) Chlorobenzene	9.444	112	175765	5.642	ug/L	95
52) Ethylbenzene	9.566	91	277182	5.501	ug/L	97
53) m,p-Xylene	9.692	106	109199	5.643	ug/L	98
54) o-Xylene	10.097	106	105907	5.766	ug/L	94
55) Styrene	10.110	104	184937	5.915	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	65647	6.116	ug/L	100
59) Bromoform	10.286	173	37114	5.843	ug/L #	97
60) Isopropylbenzene	10.479	105	273414	5.333	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	44579	5.812	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	211466	5.206	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	205331	5.287	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	145693	5.587	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	146514	5.458	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	135285	5.513	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.991	75	8613	5.757	ug/L #	80
69) 1,3,5-Trichlorobenzene	13.216	180	107804	5.585	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	83898	5.666	ug/L	98
71) Naphthalene	14.084	128	112857	5.325	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	77312	5.623	ug/L	99

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

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#2

Dichlorodifluoromethane

Concen: 4.607 ug/L

RT: 1.383 min Scan# 20

Delta R.T. 0.003 min

Lab File: VU059893.D

Acq: 10 Jul 2024 11:45

Instrument :

MSVOA_U

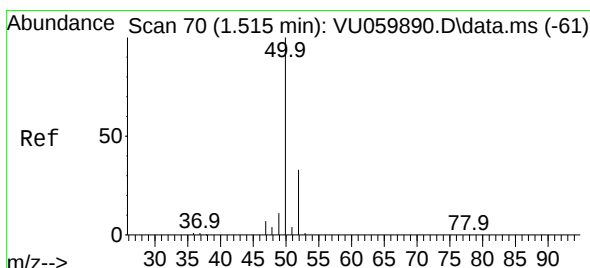
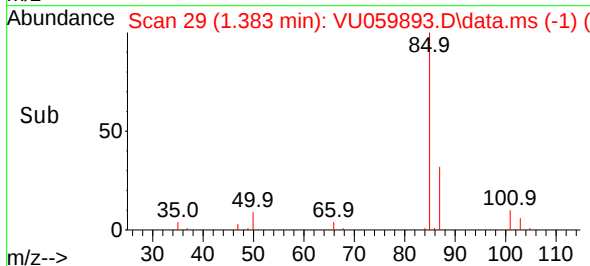
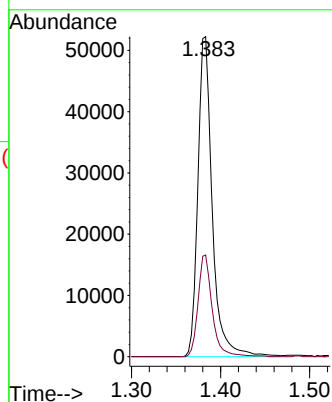
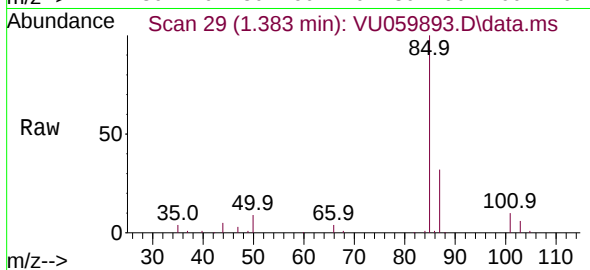
ClientSampleId :

Tgt Ion: 85 Resp: 58870

Ion Ratio Lower Upper

85 100

87 31.3 26.6 40.0



#3

Chloromethane

Concen: 4.811 ug/L

RT: 1.515 min Scan# 70

Delta R.T. 0.000 min

Lab File: VU059893.D

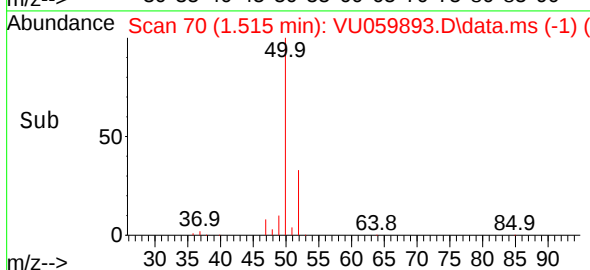
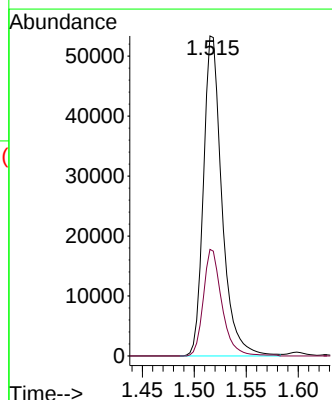
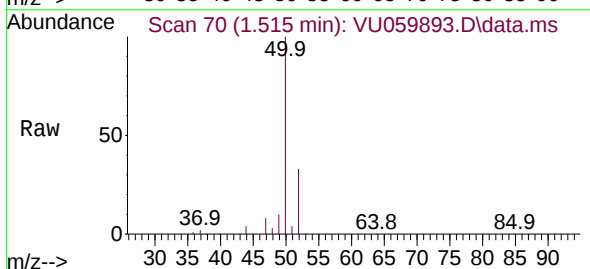
Acq: 10 Jul 2024 11:45

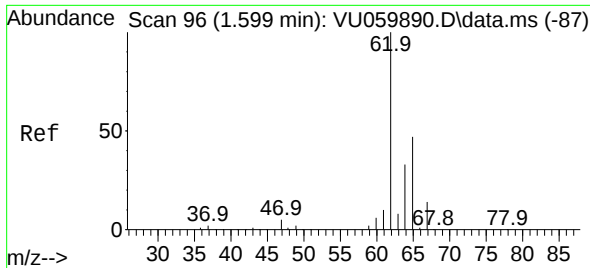
Tgt Ion: 50 Resp: 66172

Ion Ratio Lower Upper

50 100

52 33.3 23.2 43.0

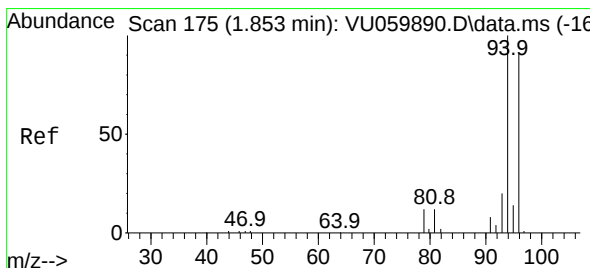
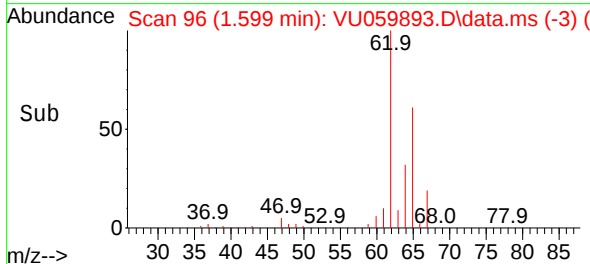
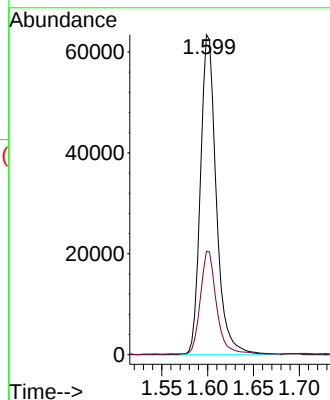
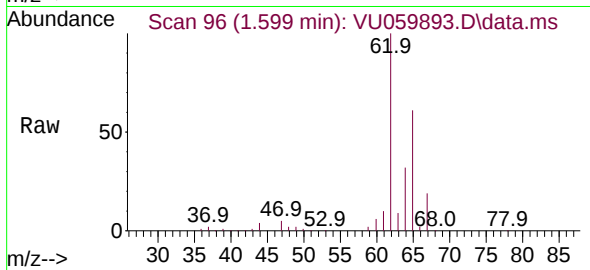




#5
 Vinyl chloride
 Concen: 5.031 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU059893.D
 Acq: 10 Jul 2024 11:45

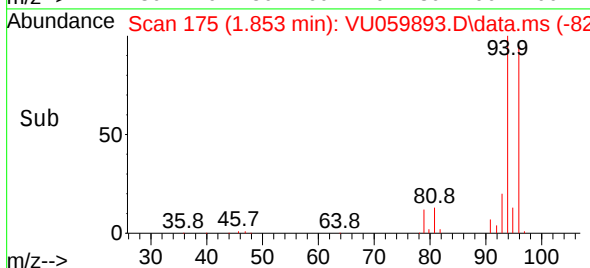
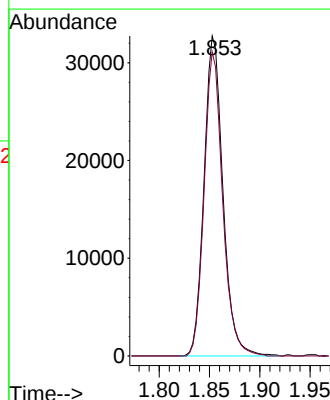
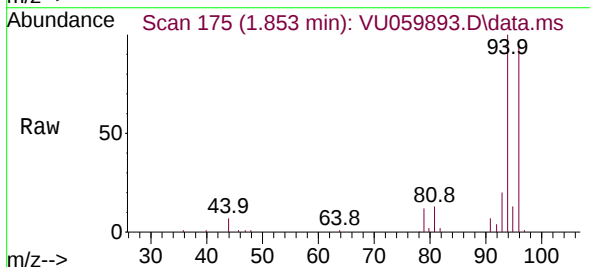
Instrument :
 MSVOA_U
 ClientSampleId :

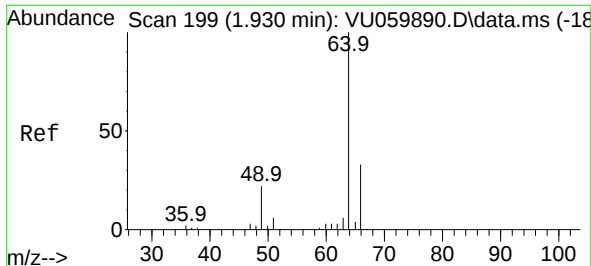
Tgt Ion: 62 Resp: 76436
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.1 42.9



#6
 Bromomethane
 Concen: 4.047 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU059893.D
 Acq: 10 Jul 2024 11:45

Tgt Ion: 94 Resp: 42751
 Ion Ratio Lower Upper
 94 100
 96 95.0 62.9 116.9

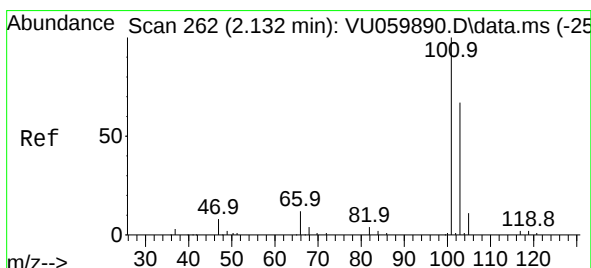
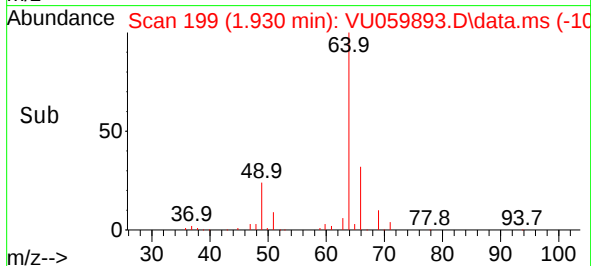
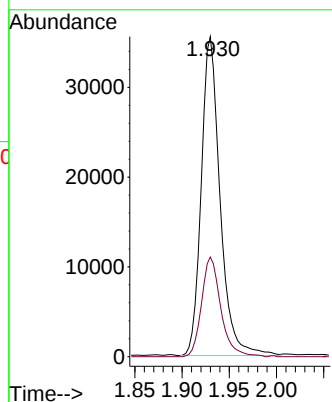
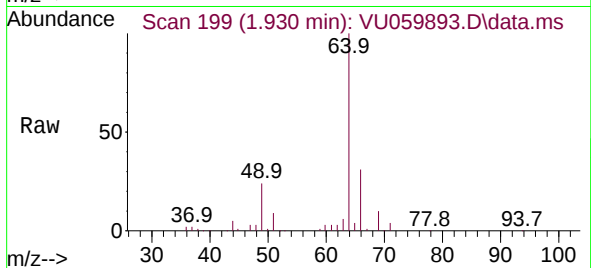




#8
Chloroethane
Concen: 5.384 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU059893.D
Acq: 10 Jul 2024 11:45

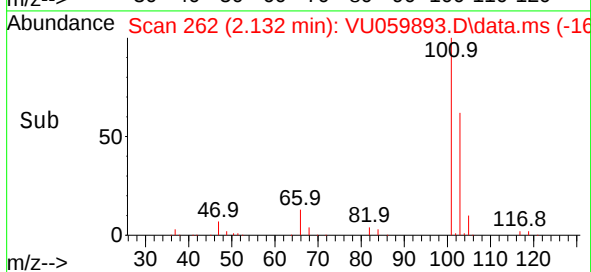
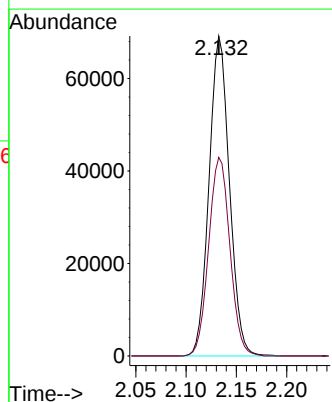
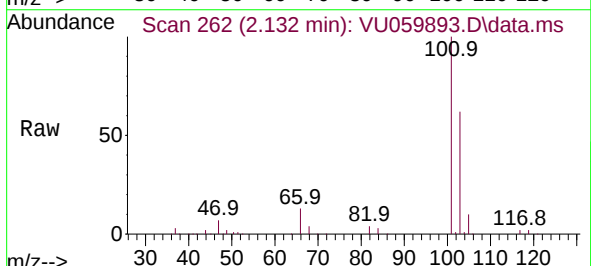
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ClientSampleId :

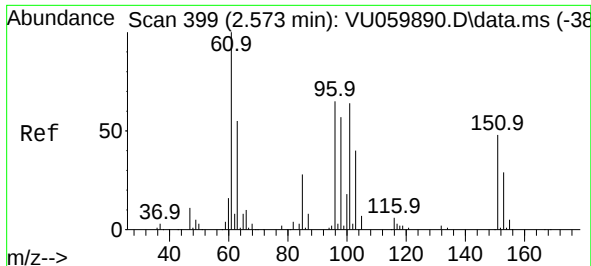
Tgt Ion: 64 Resp: 49287
Ion Ratio Lower Upper
64 100
66 31.1 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.335 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU059893.D
Acq: 10 Jul 2024 11:45

Tgt Ion:101 Resp: 97580
Ion Ratio Lower Upper
101 100
103 64.7 52.6 79.0

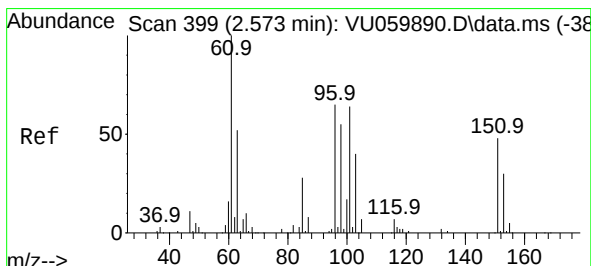
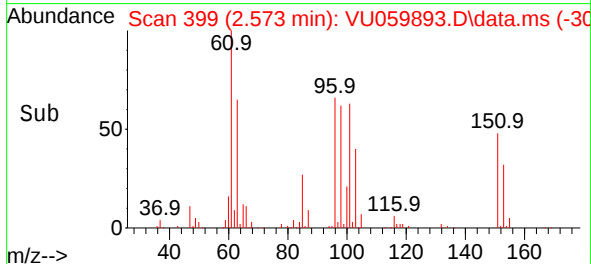
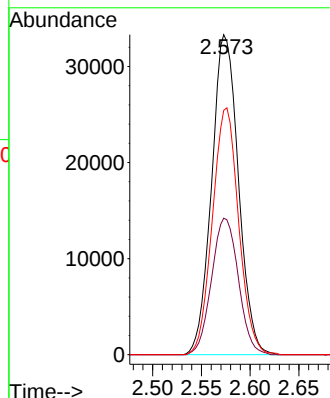
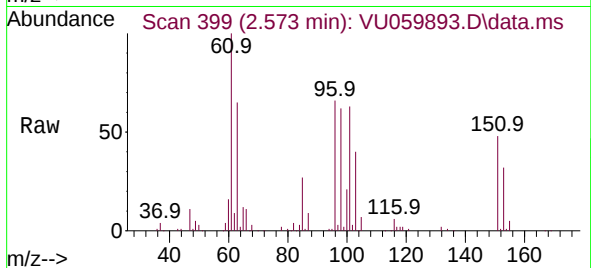




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.498 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU059893.D
Acq: 10 Jul 2024 11:45

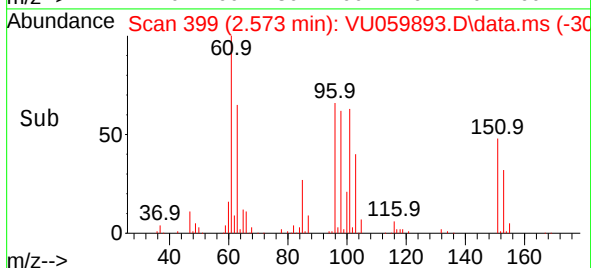
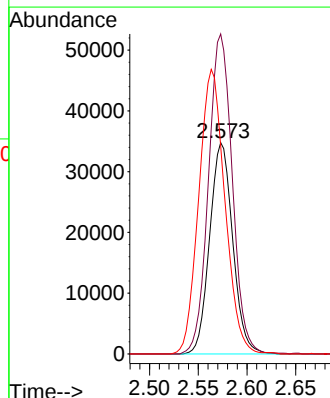
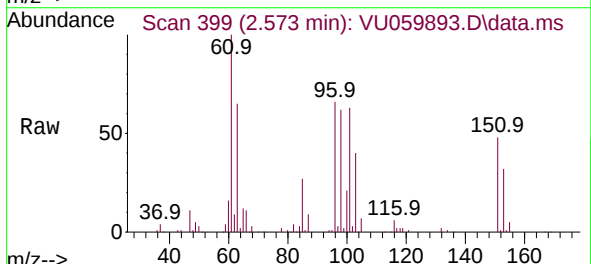
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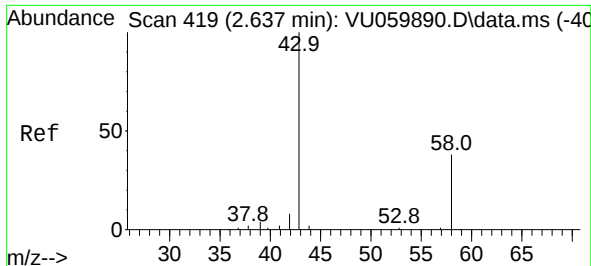
Tgt Ion:101 Resp: 63654
Ion Ratio Lower Upper
101 100
85 42.7 36.2 54.4
151 75.7 55.5 83.3



#12
1,1-Dichloroethene
Concen: 5.345 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU059893.D
Acq: 10 Jul 2024 11:45

Tgt Ion: 96 Resp: 57170
Ion Ratio Lower Upper
96 100
61 151.4 122.9 228.3
63 98.4 80.4 149.4





#13

Acetone

Concen: 64.761 ug/L

RT: 2.640 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU059893.D

Acq: 10 Jul 2024 11:45

Instrument :

MSVOA_U

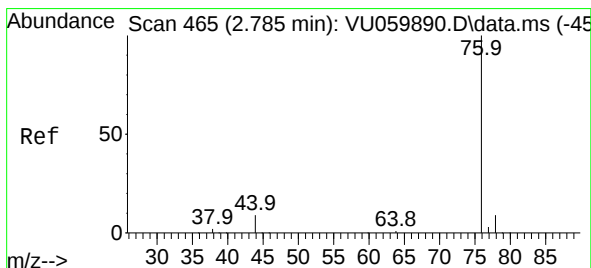
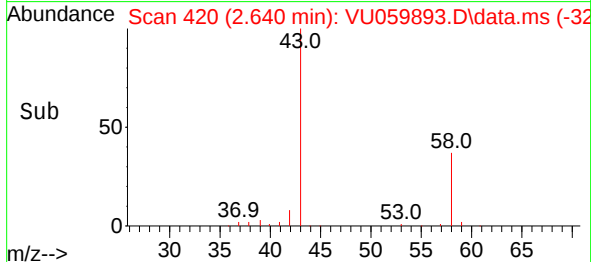
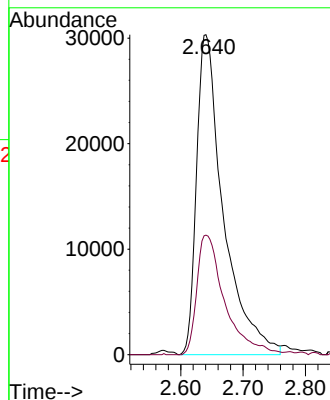
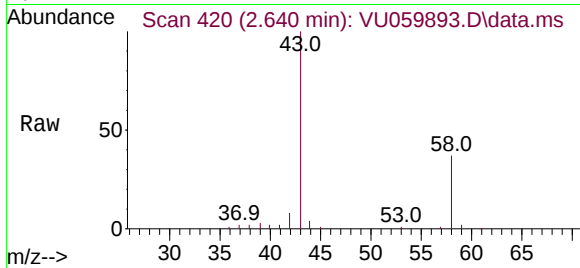
ClientSampleId :

Tgt Ion: 43 Resp: 90747

Ion Ratio Lower Upper

43 100

58 38.8 0.0 68.0



#14

Carbon disulfide

Concen: 4.765 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU059893.D

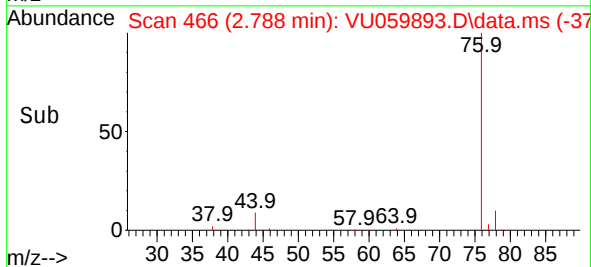
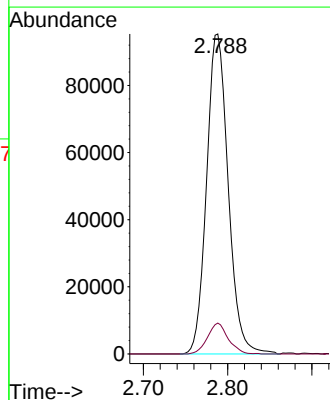
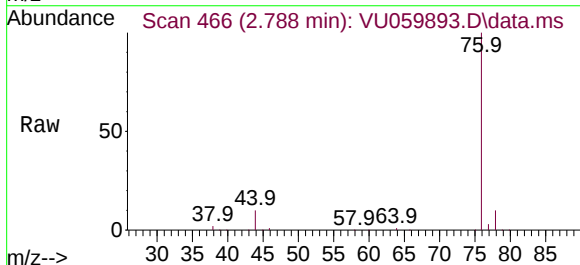
Acq: 10 Jul 2024 11:45

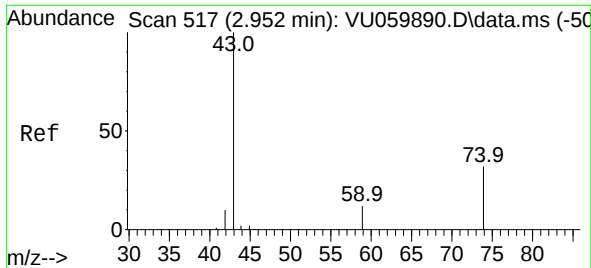
Tgt Ion: 76 Resp: 170051

Ion Ratio Lower Upper

76 100

78 9.6 7.3 10.9





#15

Methyl Acetate

Concen: 5.596 ug/L

RT: 2.949 min Scan# 51

Delta R.T. -0.003 min

Lab File: VU059893.D

Acq: 10 Jul 2024 11:45

Instrument :

MSVOA_U

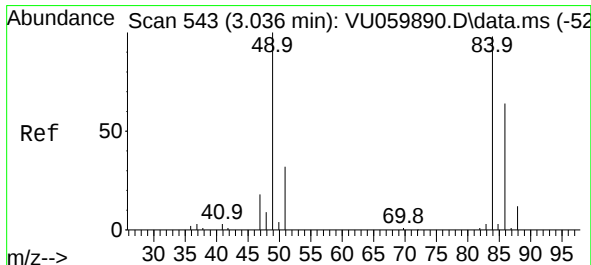
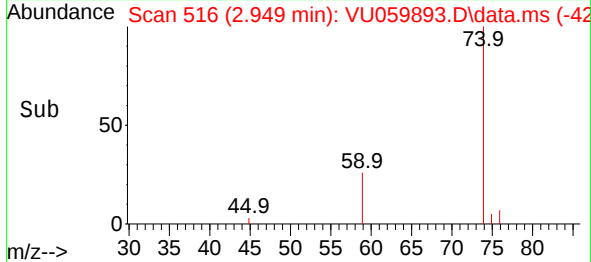
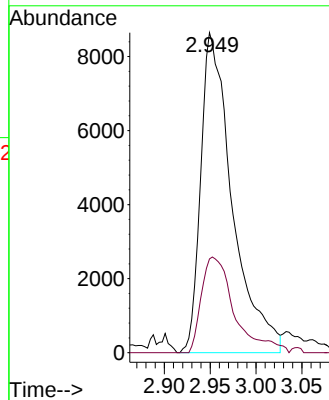
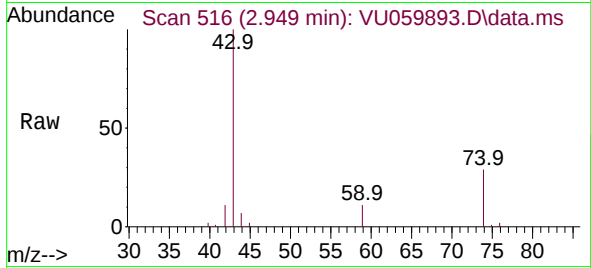
ClientSampleId :

Tgt Ion: 43 Resp: 20693

Ion Ratio Lower Upper

43 100

74 31.2 19.2 28.8#



#16

Methylene chloride

Concen: 5.506 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.003 min

Lab File: VU059893.D

Acq: 10 Jul 2024 11:45

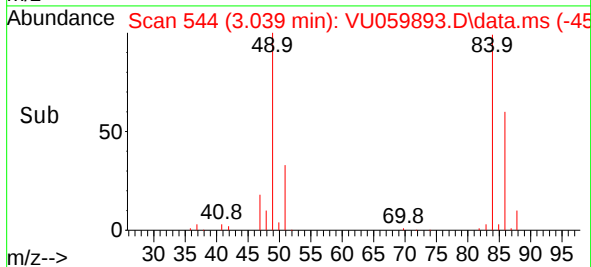
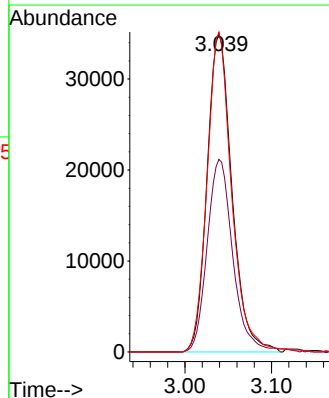
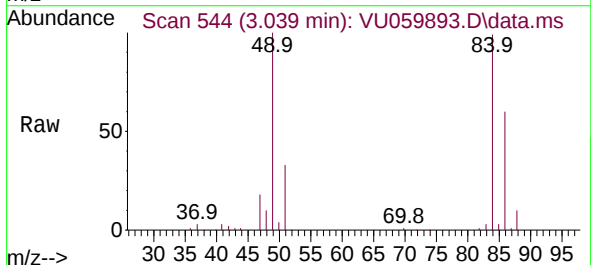
Tgt Ion: 84 Resp: 69784

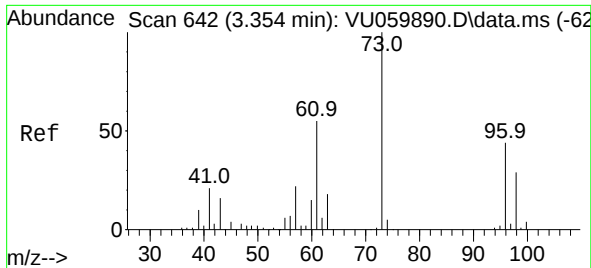
Ion Ratio Lower Upper

84 100

86 60.6 42.1 78.1

49 100.6 80.6 149.8

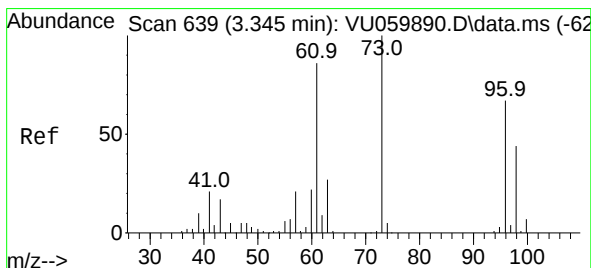
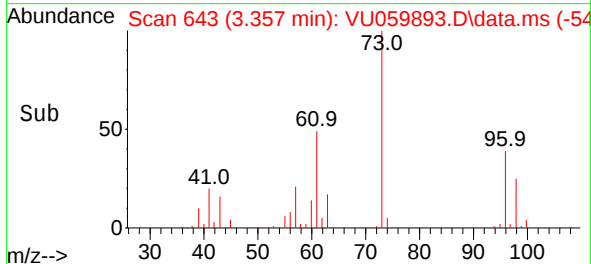
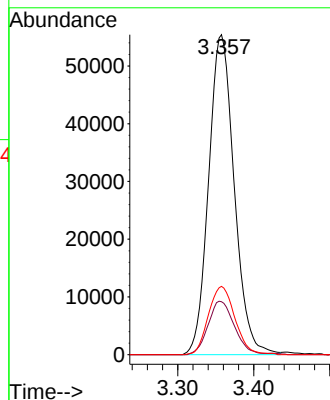
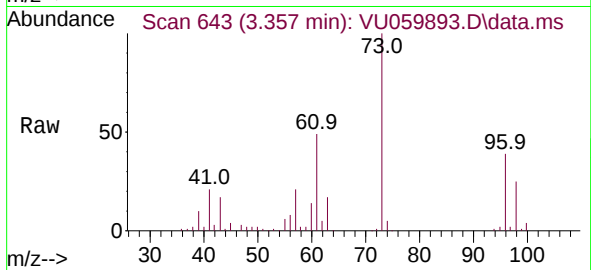




#17
Methyl tert-butyl Ether
Concen: 5.627 ug/L
RT: 3.357 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU059893.D
Acq: 10 Jul 2024 11:45

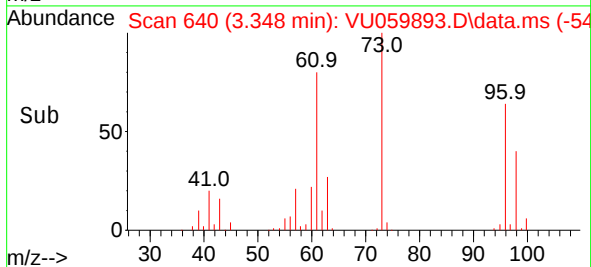
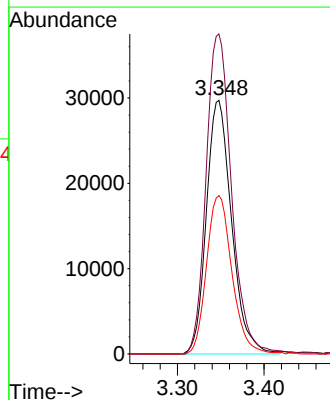
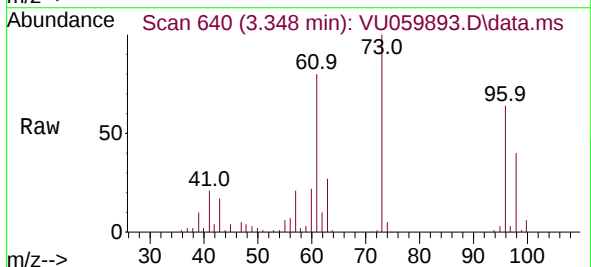
Instrument :
MSVOA_U
ClientSampleId :

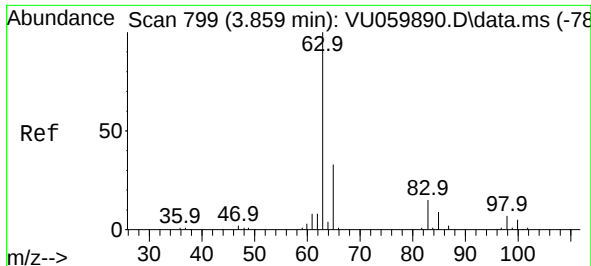
Tgt Ion: 73 Resp: 129706
Ion Ratio Lower Upper
73 100
43 17.2 14.9 22.3
57 22.1 18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 5.415 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU059893.D
Acq: 10 Jul 2024 11:45

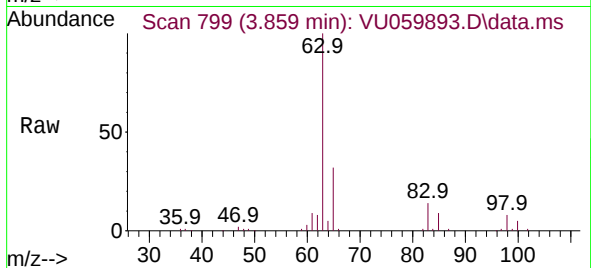
Tgt Ion: 96 Resp: 60235
Ion Ratio Lower Upper
96 100
61 126.2 101.8 189.0
98 62.5 43.3 80.5



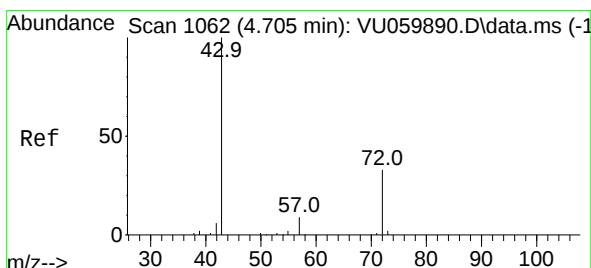
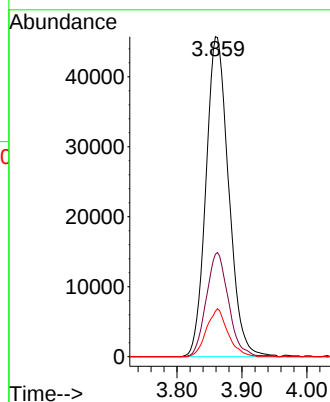
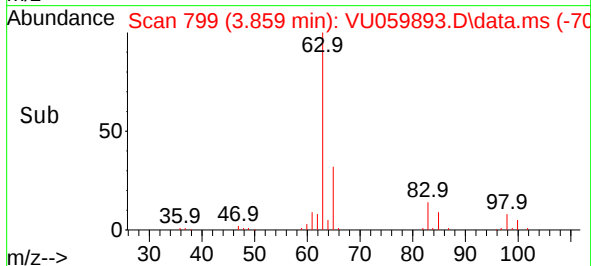


#19
1,1-Dichloroethane
Concen: 5.416 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU059893.D
Acq: 10 Jul 2024 11:45

Instrument :
MSVOA_U
ClientSampleId :

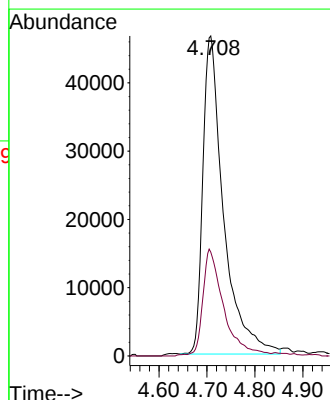
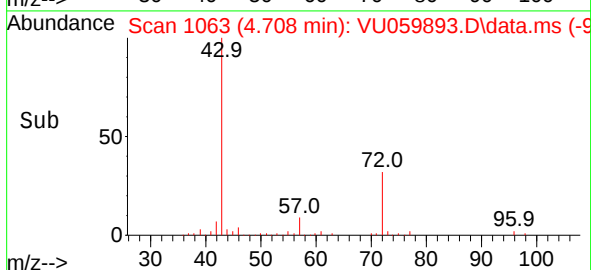
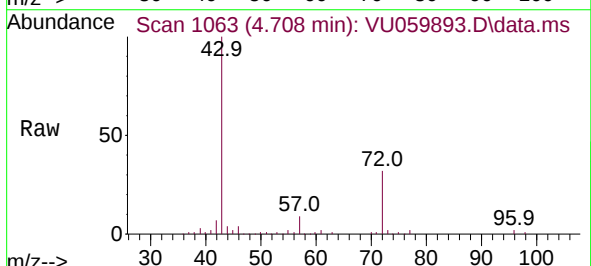


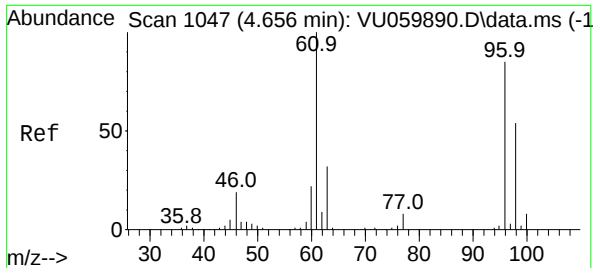
Tgt Ion: 63 Resp: 111100
Ion Ratio Lower Upper
63 100
65 32.0 21.8 40.6
83 14.2 9.9 18.5



#21
2-Butanone
Concen: 62.235 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. 0.003 min
Lab File: VU059893.D
Acq: 10 Jul 2024 11:45

Tgt Ion: 43 Resp: 139876
Ion Ratio Lower Upper
43 100
72 33.8 13.8 41.4

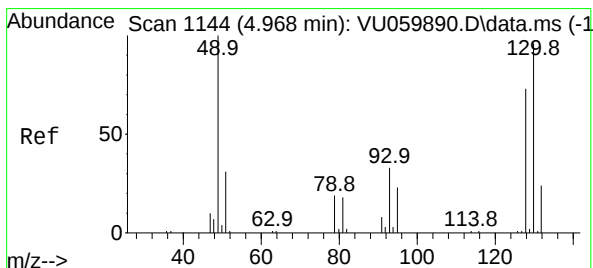
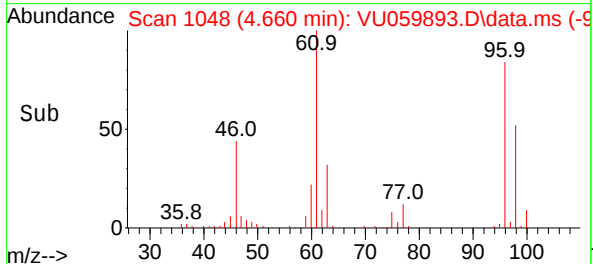
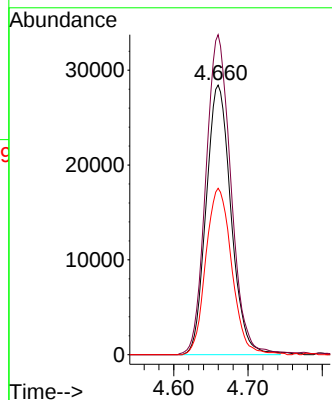
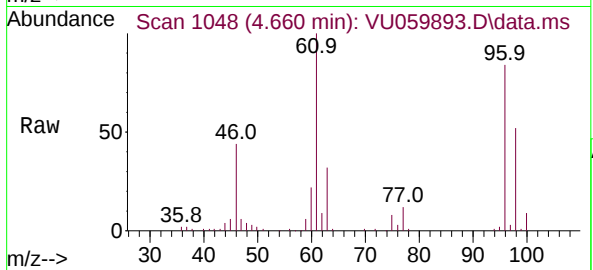




#22
cis-1,2-Dichloroethene
Concen: 5.401 ug/L
RT: 4.660 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU059893.D
Acq: 10 Jul 2024 11:45

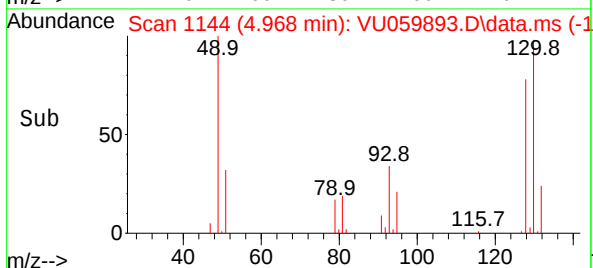
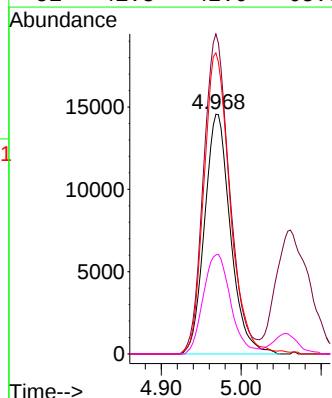
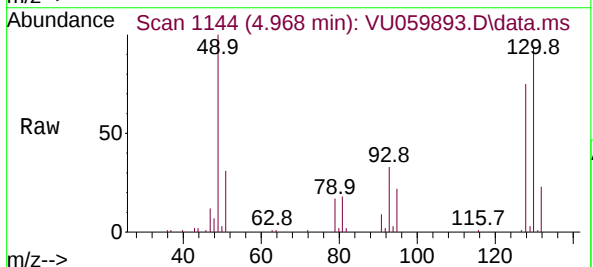
Instrument :
MSVOA_U
ClientSampleId :

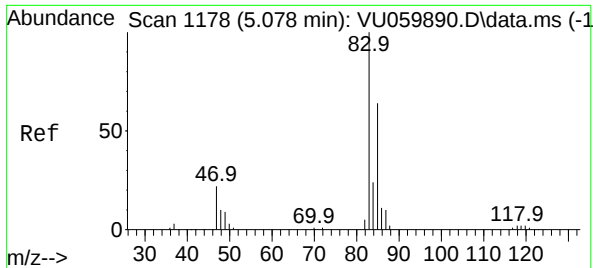
Tgt Ion: 96 Resp: 66228
Ion Ratio Lower Upper
96 100
61 118.7 87.4 162.2
98 61.7 42.3 78.5



#23
Bromochloromethane
Concen: 5.852 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VU059893.D
Acq: 10 Jul 2024 11:45

Tgt Ion:128 Resp: 32714
Ion Ratio Lower Upper
128 100
49 133.5 117.0 217.4
130 125.6 89.6 166.4
51 41.3 42.0 63.0#

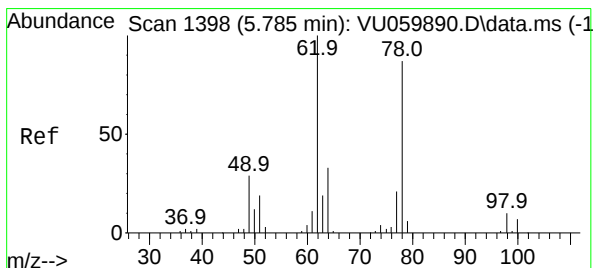
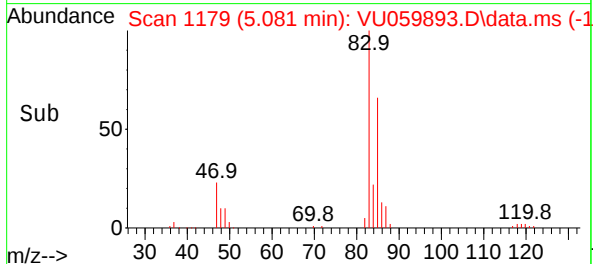
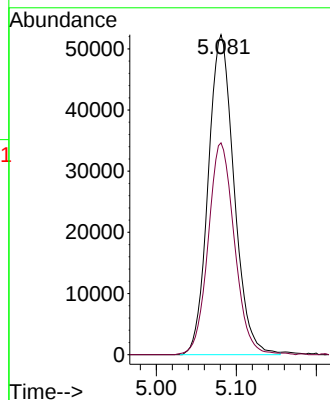
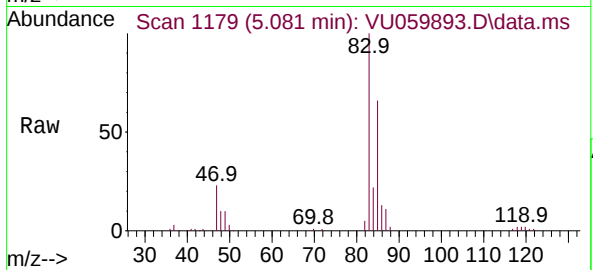




#25
Chloroform
Concen: 5.438 ug/L
RT: 5.081 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VU059893.D
Acq: 10 Jul 2024 11:45

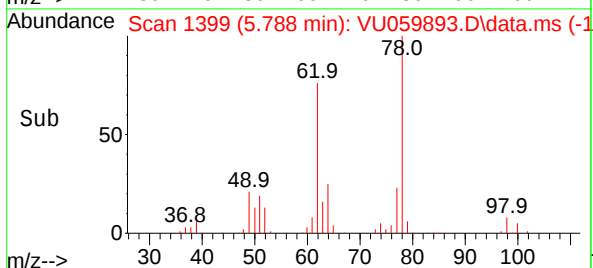
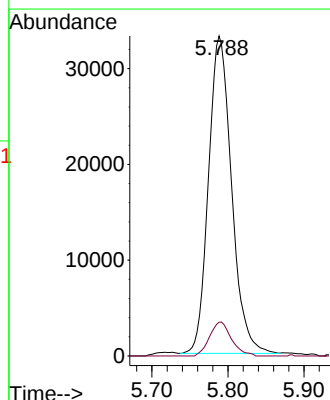
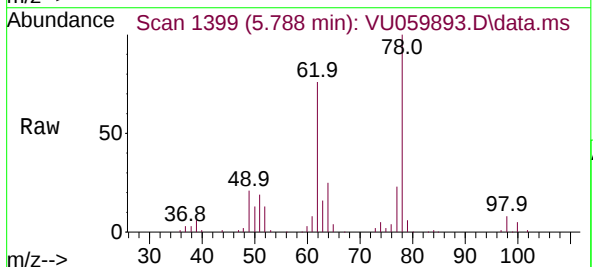
Instrument :
MSVOA_U
ClientSampleId :

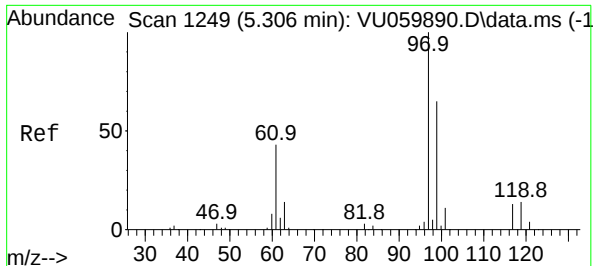
Tgt Ion: 83 Resp: 117482
Ion Ratio Lower Upper
83 100
85 66.2 44.7 83.1



#27
1,2-Dichloroethane
Concen: 5.344 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.003 min
Lab File: VU059893.D
Acq: 10 Jul 2024 11:45

Tgt Ion: 62 Resp: 69966
Ion Ratio Lower Upper
62 100
98 10.6 7.5 11.3

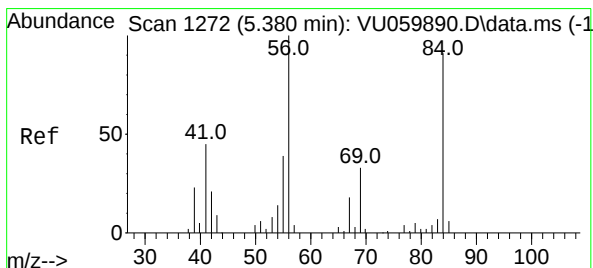
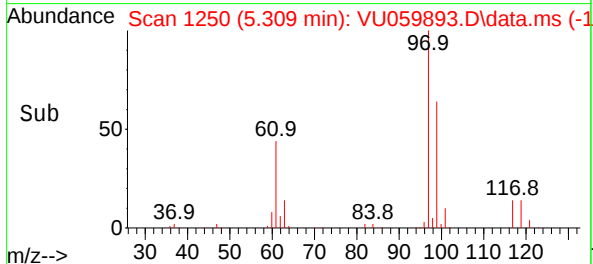
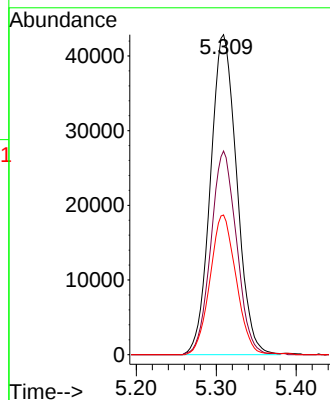
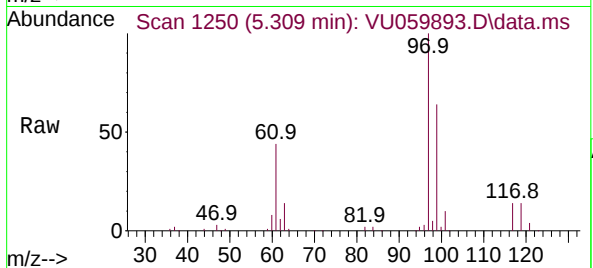




#29
1,1,1-Trichloroethane
Concen: 5.553 ug/L
RT: 5.309 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VU059893.D
Acq: 10 Jul 2024 11:45

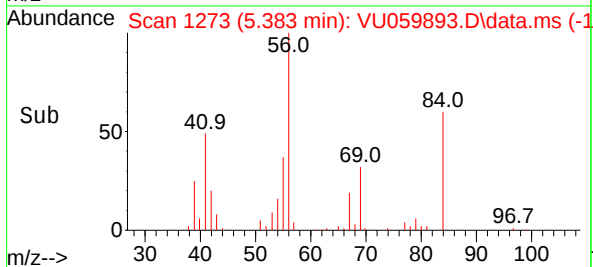
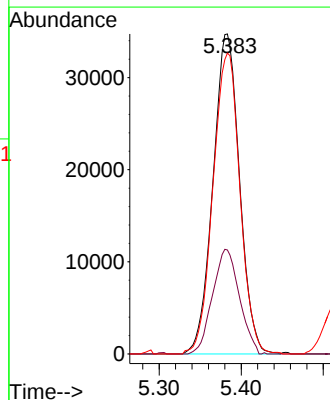
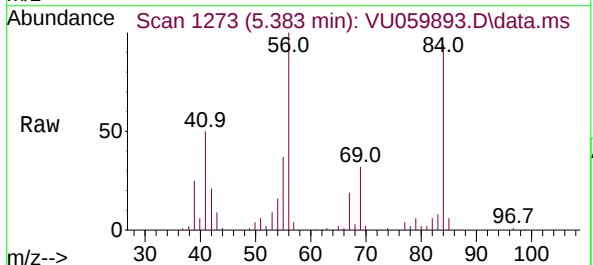
Instrument :
MSVOA_U
ClientSampleId :

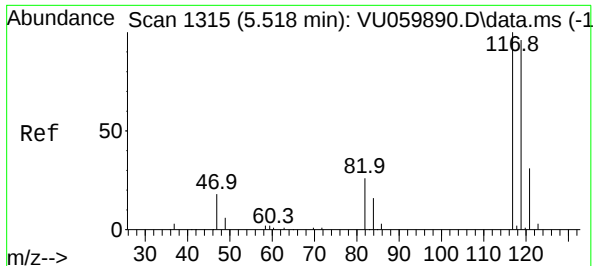
Tgt Ion: 97 Resp: 97968
Ion Ratio Lower Upper
97 100
99 62.2 51.8 77.6
61 43.3 37.4 56.2



#30
Cyclohexane
Concen: 5.020 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VU059893.D
Acq: 10 Jul 2024 11:45

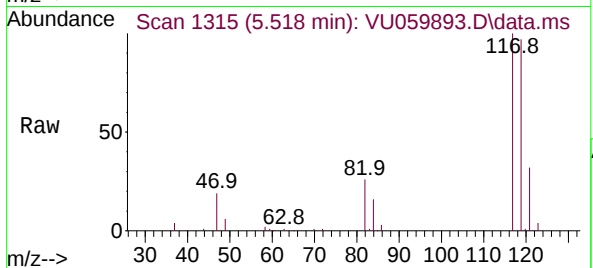
Tgt Ion: 56 Resp: 78194
Ion Ratio Lower Upper
56 100
69 33.1 24.8 37.2
84 95.6 69.8 104.8



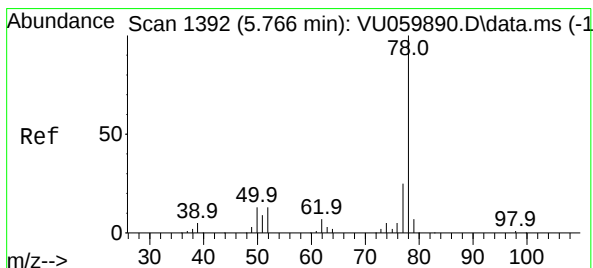
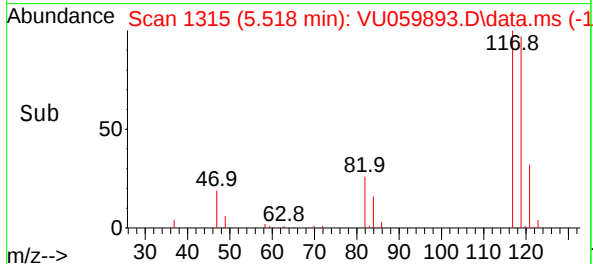
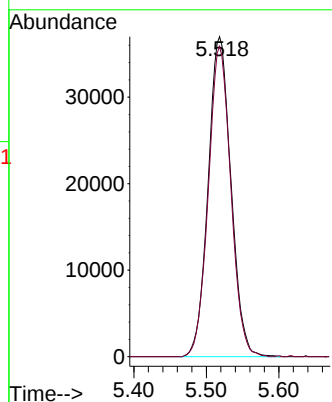


#31
Carbon tetrachloride
Concen: 5.476 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU059893.D
Acq: 10 Jul 2024 11:45

Instrument :
MSVOA_U
ClientSampleId :

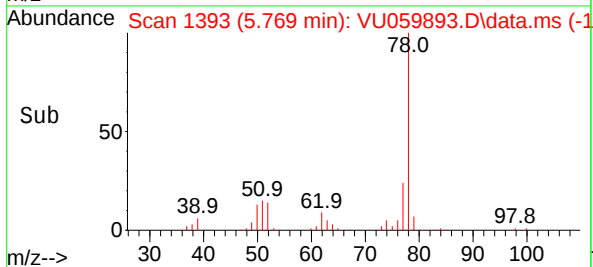
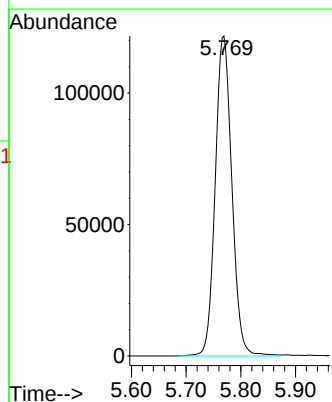
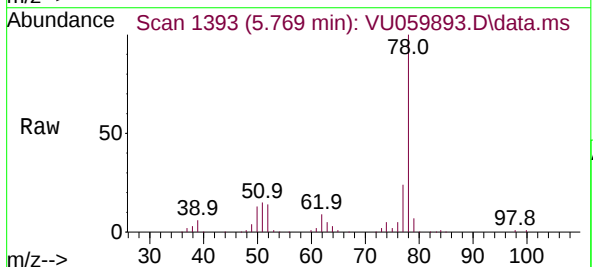


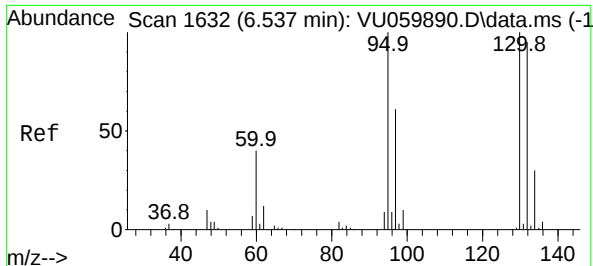
Tgt Ion:117 Resp: 80898
Ion Ratio Lower Upper
117 100
119 95.4 77.5 116.3



#33
Benzene
Concen: 5.540 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU059893.D
Acq: 10 Jul 2024 11:45

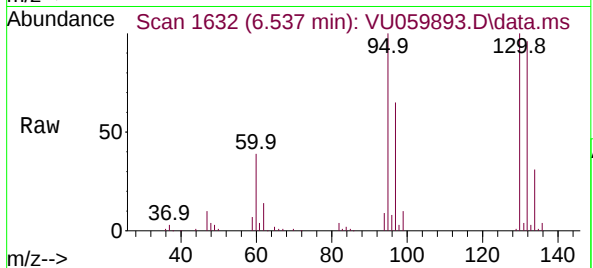
Tgt Ion: 78 Resp: 257038



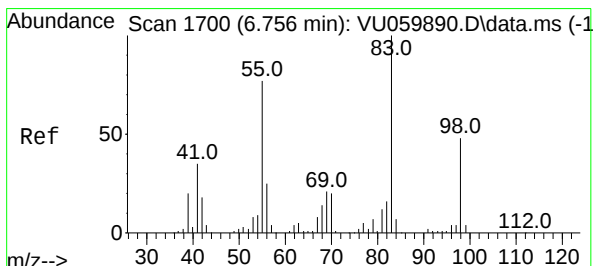
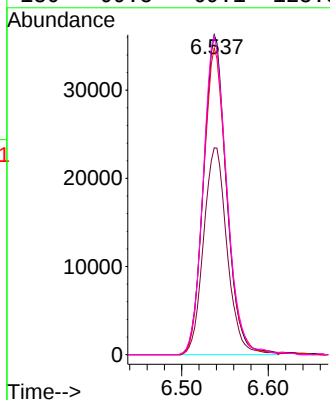
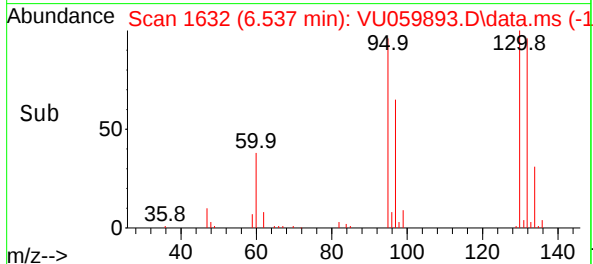


#34
Trichloroethene
Concen: 5.329 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU059893.D
Acq: 10 Jul 2024 11:45

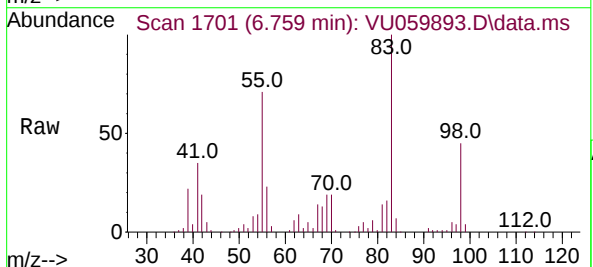
Instrument :
MSVOA_U
ClientSampleId :



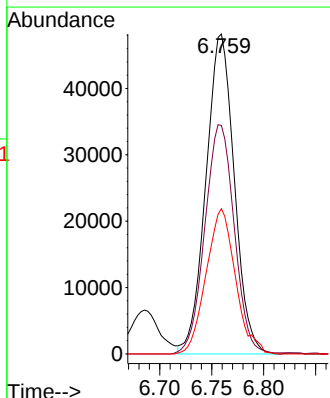
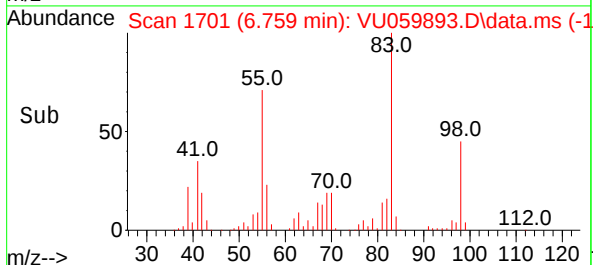
Tgt Ion: 95 Resp: 66957
Ion Ratio Lower Upper
95 100
97 64.6 45.3 84.1
132 95.9 64.0 119.0
130 99.5 69.1 128.3

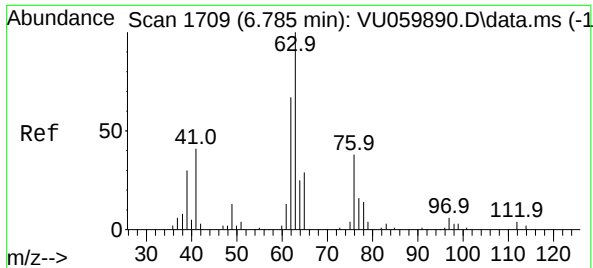


#35
Methylcyclohexane
Concen: 5.125 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VU059893.D
Acq: 10 Jul 2024 11:45



Tgt Ion: 83 Resp: 91634
Ion Ratio Lower Upper
83 100
55 74.4 62.7 94.1
98 46.9 35.4 53.0

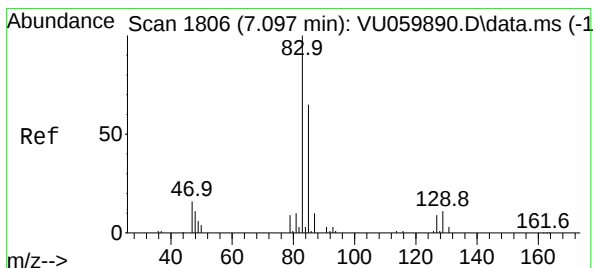
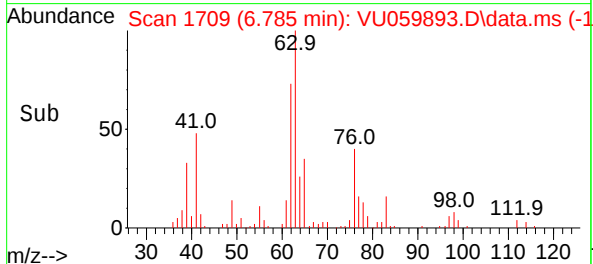
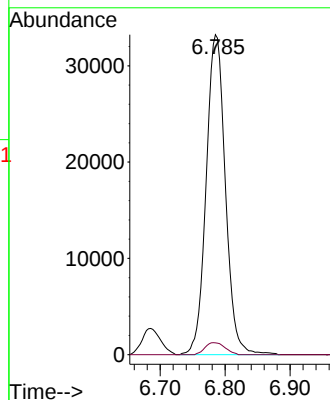
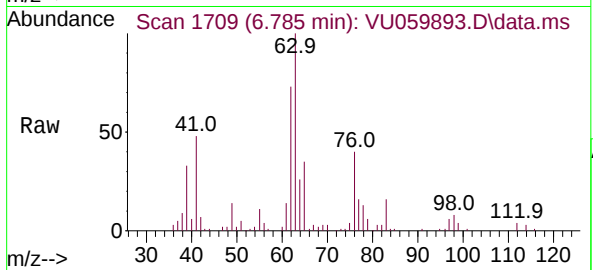




#37
1,2-Dichloropropane
Concen: 5.708 ug/L
RT: 6.785 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU059893.D
Acq: 10 Jul 2024 11:45

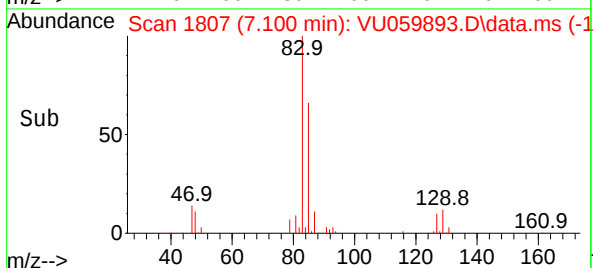
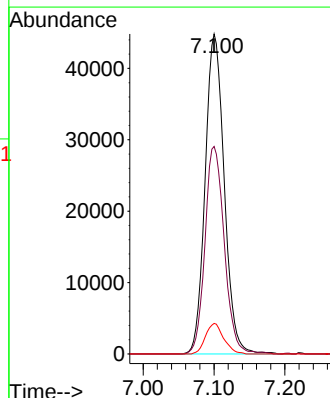
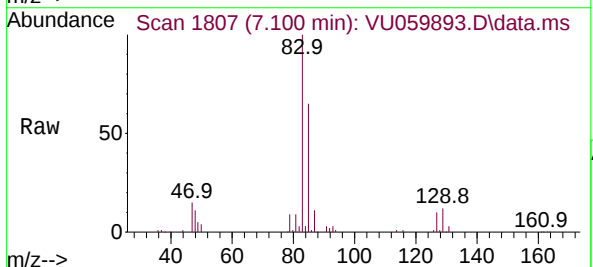
Instrument :
MSVOA_U
ClientSampleId :

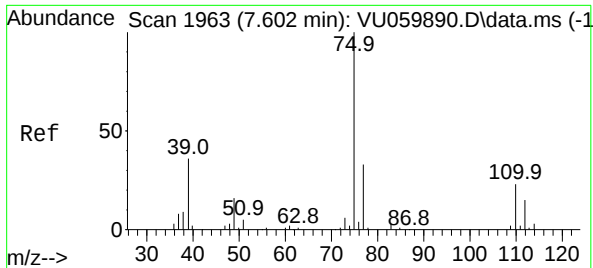
Tgt Ion: 63 Resp: 68533
Ion Ratio Lower Upper
63 100
112 3.9 2.6 3.8#



#38
Bromodichloromethane
Concen: 5.600 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU059893.D
Acq: 10 Jul 2024 11:45

Tgt Ion: 83 Resp: 83929
Ion Ratio Lower Upper
83 100
85 64.9 42.7 79.3
127 9.6 6.1 9.1#

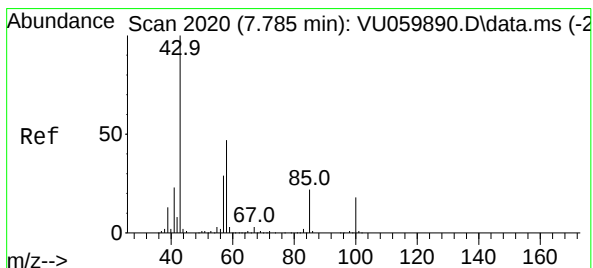
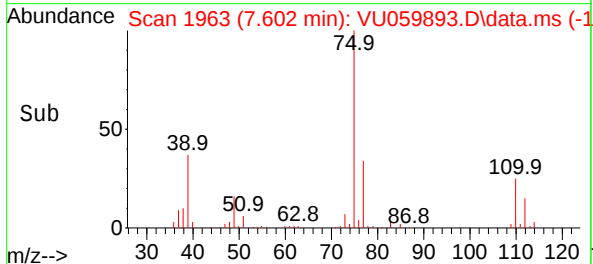
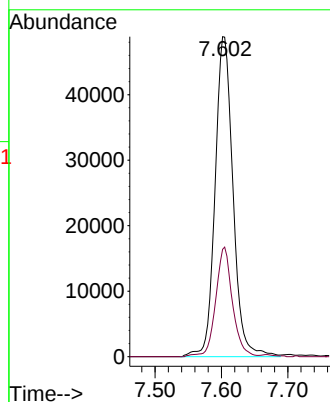
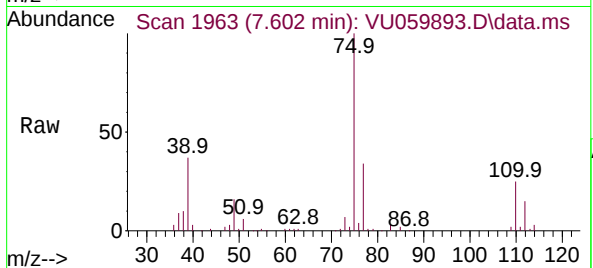




#39
 cis-1,3-Dichloropropene
 Concen: 5.594 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU059893.D
 Acq: 10 Jul 2024 11:45

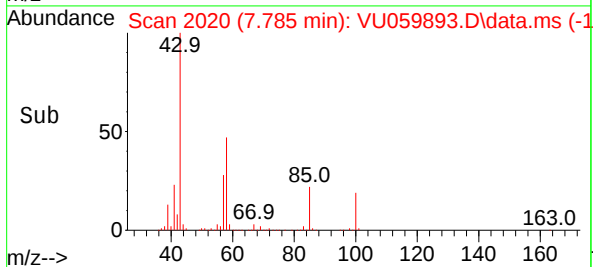
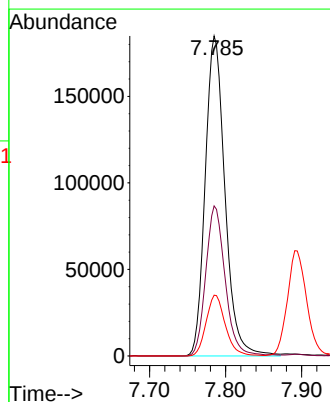
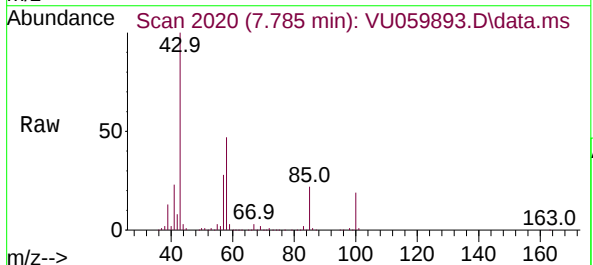
Instrument :
 MSVOA_U
 ClientSampleId :

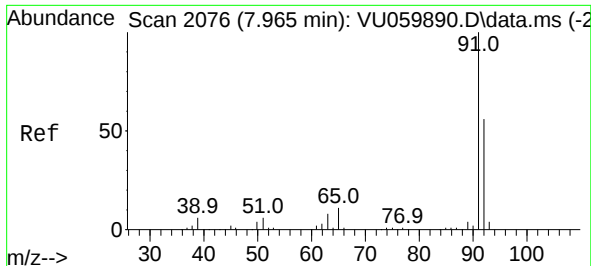
Tgt Ion: 75 Resp: 91854
 Ion Ratio Lower Upper
 75 100
 77 33.6 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 60.023 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.000 min
 Lab File: VU059893.D
 Acq: 10 Jul 2024 11:45

Tgt Ion: 43 Resp: 333948
 Ion Ratio Lower Upper
 43 100
 58 45.9 34.0 51.0
 100 18.5 12.1 18.1#





#42

Toluene

Concen: 5.724 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU059893.D

Acq: 10 Jul 2024 11:45

Instrument :

MSVOA_U

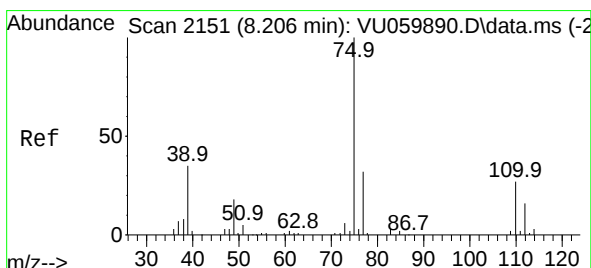
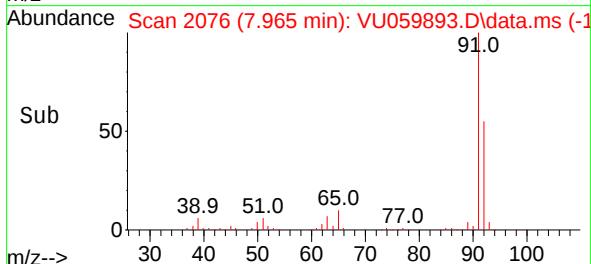
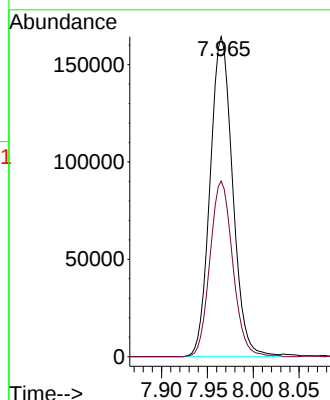
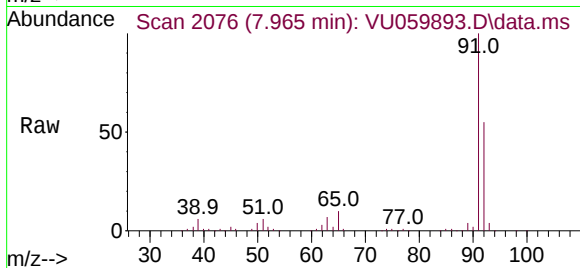
ClientSampleId :

Tgt Ion: 91 Resp: 281189

Ion Ratio Lower Upper

91 100

92 54.9 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 5.843 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU059893.D

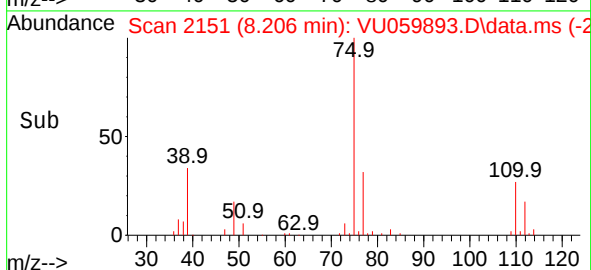
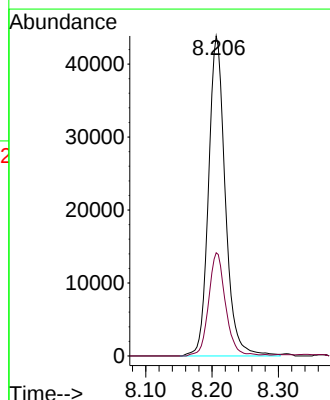
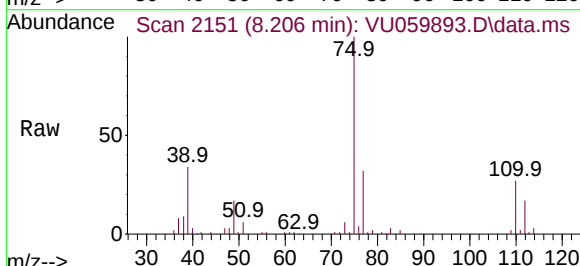
Acq: 10 Jul 2024 11:45

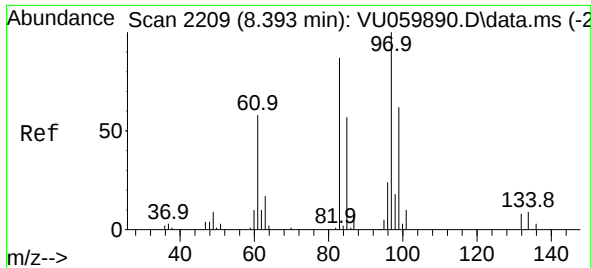
Tgt Ion: 75 Resp: 77009

Ion Ratio Lower Upper

75 100

77 32.3 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 6.067 ug/L

RT: 8.393 min Scan# 2209

Delta R.T. 0.000 min

Lab File: VU059893.D

Acq: 10 Jul 2024 11:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 53675

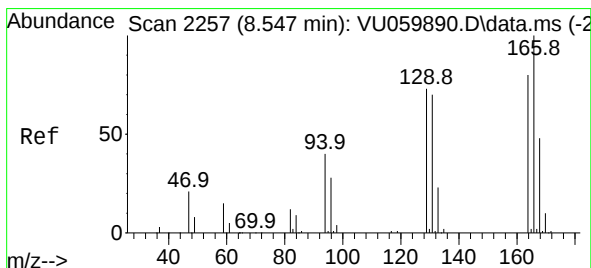
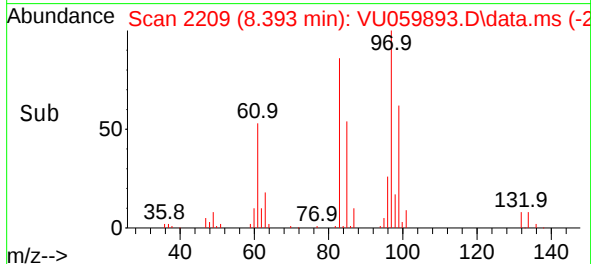
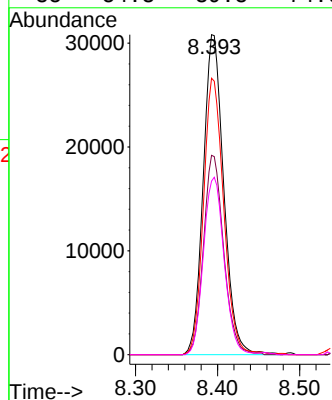
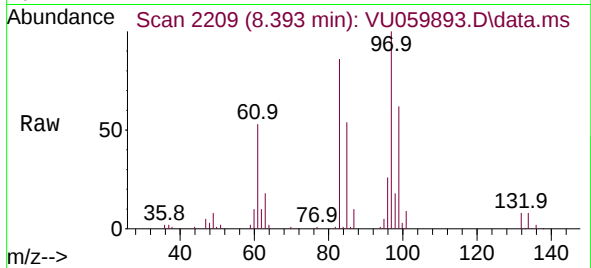
Ion Ratio Lower Upper

97 100

99 62.3 43.3 80.3

83 86.4 62.3 115.7

85 54.3 39.8 74.0



#47

Tetrachloroethene

Concen: 5.710 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.003 min

Lab File: VU059893.D

Acq: 10 Jul 2024 11:45

Tgt Ion:164 Resp: 55674

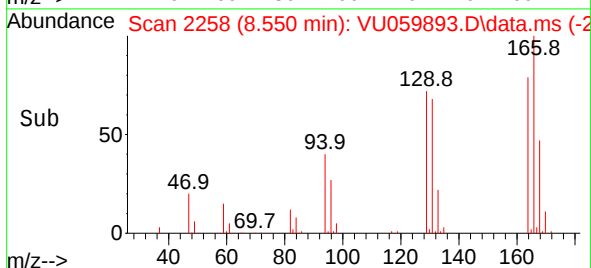
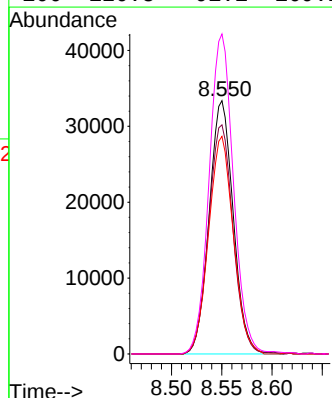
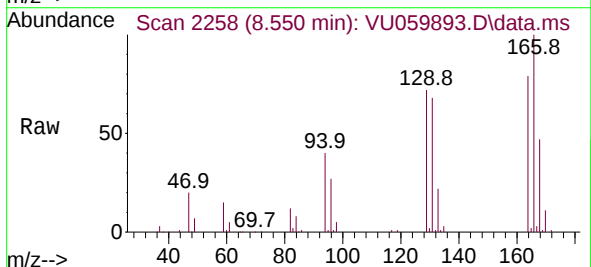
Ion Ratio Lower Upper

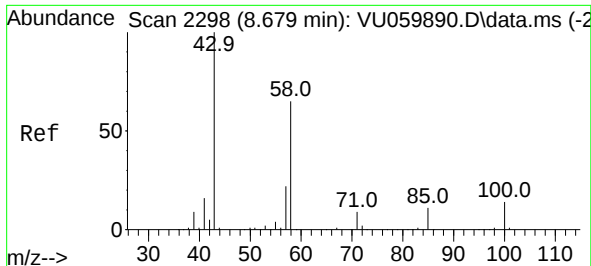
164 100

129 90.4 70.8 131.4

131 85.9 64.8 120.3

166 126.3 91.1 169.1





#48

2-Hexanone

Concen: 63.507 ug/L

RT: 8.679 min Scan# 2298

Delta R.T. 0.000 min

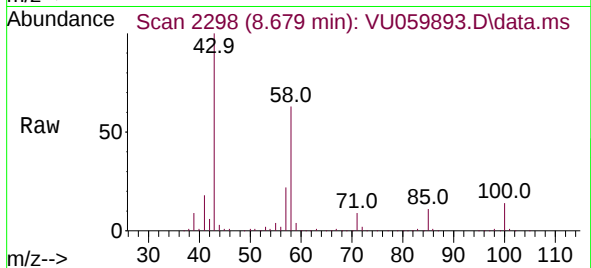
Lab File: VU059893.D

Acq: 10 Jul 2024 11:45

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 252168

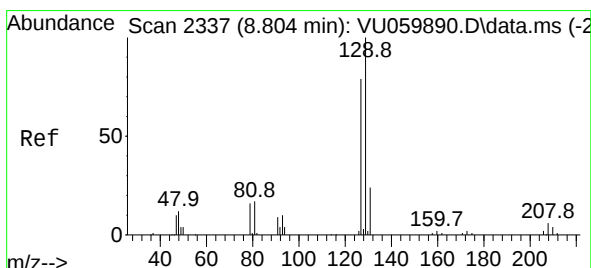
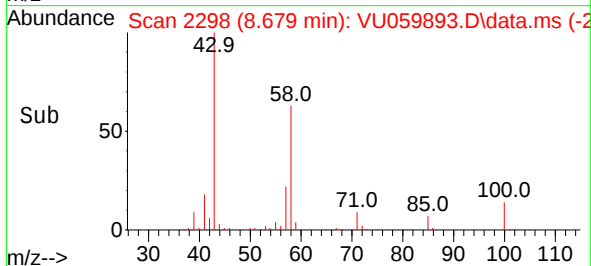
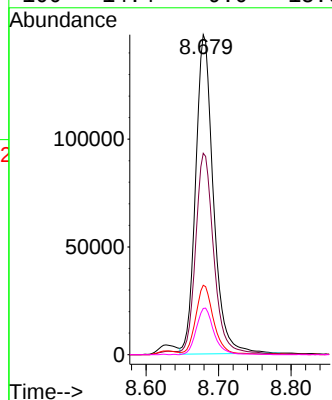
Ion Ratio Lower Upper

43 100

58 64.2 46.1 69.1

57 21.8 15.5 23.3

100 14.4 9.0 13.6#



#49

Dibromochloromethane

Concen: 5.971 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VU059893.D

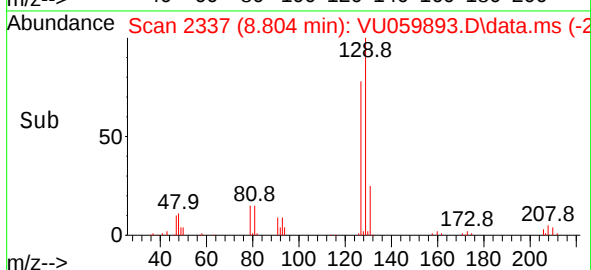
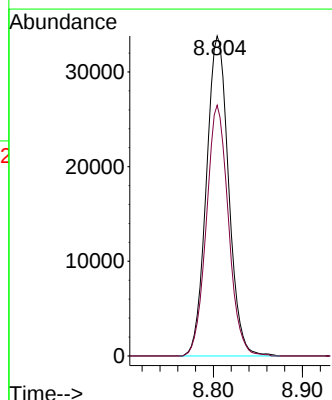
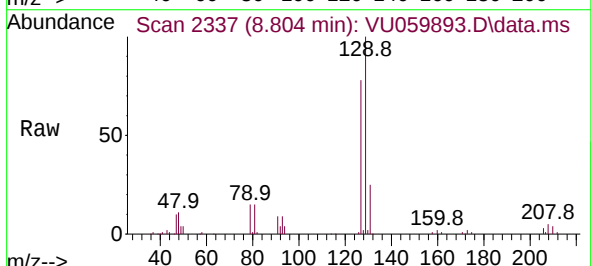
Acq: 10 Jul 2024 11:45

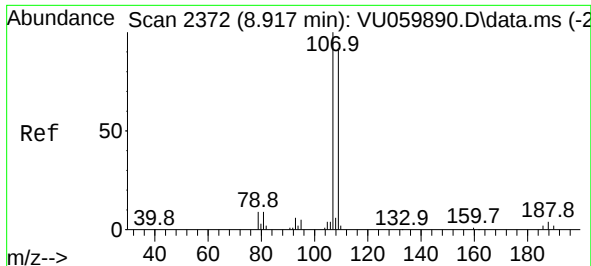
Tgt Ion: 129 Resp: 58522

Ion Ratio Lower Upper

129 100

127 78.4 52.5 97.5

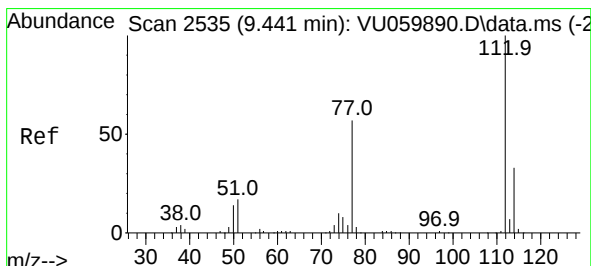
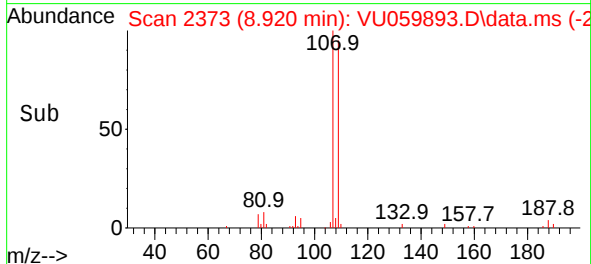
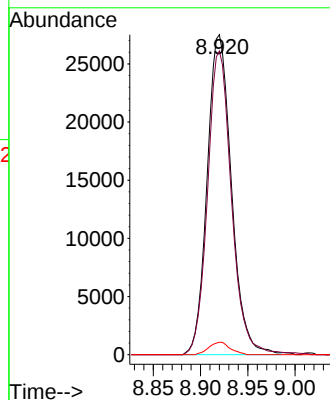
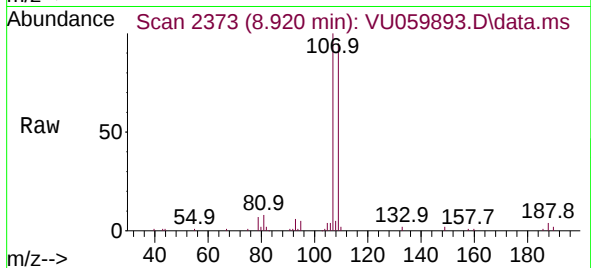




#50
1,2-Dibromoethane
Concen: 6.021 ug/L
RT: 8.920 min Scan# 24
Delta R.T. 0.003 min
Lab File: VU059893.D
Acq: 10 Jul 2024 11:45

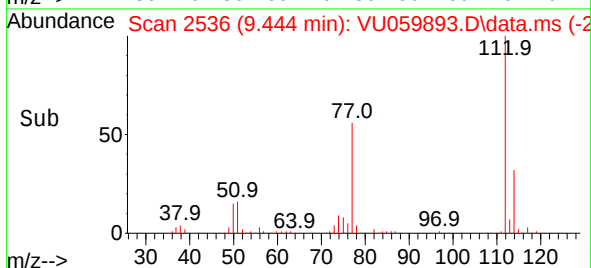
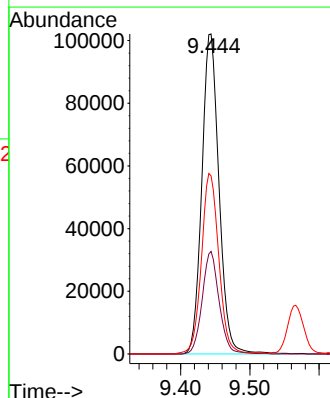
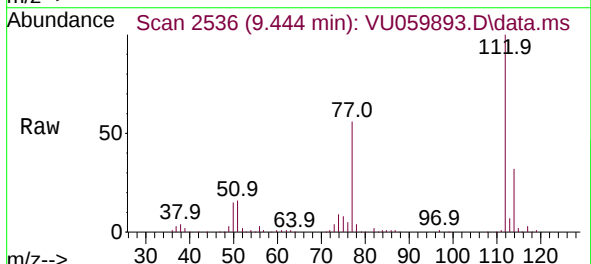
Instrument :
MSVOA_U
ClientSampleId :

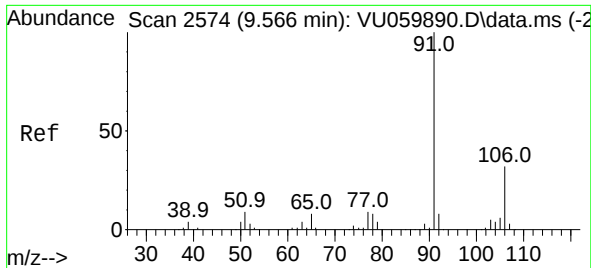
Tgt Ion:107 Resp: 49201
Ion Ratio Lower Upper
107 100
109 94.9 66.9 124.3
188 3.9 2.7 4.1



#51
Chlorobenzene
Concen: 5.642 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU059893.D
Acq: 10 Jul 2024 11:45

Tgt Ion:112 Resp: 175765
Ion Ratio Lower Upper
112 100
114 32.1 22.4 41.6
77 55.7 49.1 73.7

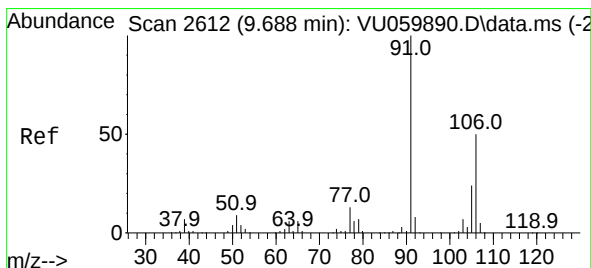
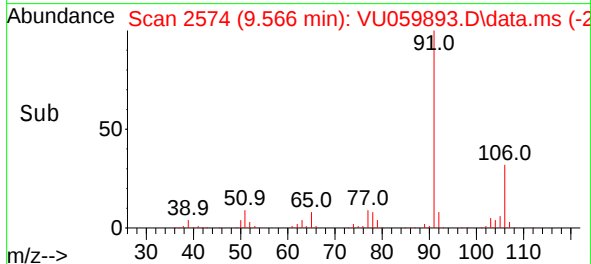
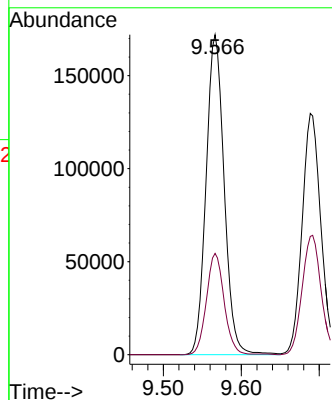
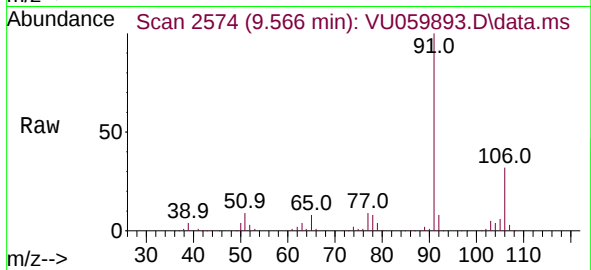




#52
Ethylbenzene
Concen: 5.501 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU059893.D
Acq: 10 Jul 2024 11:45

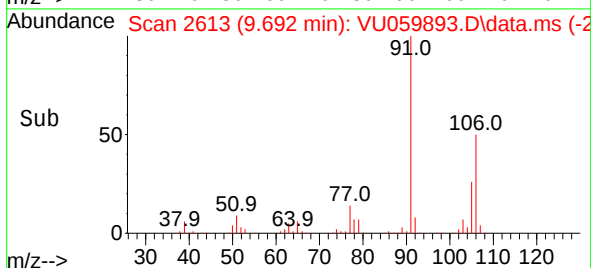
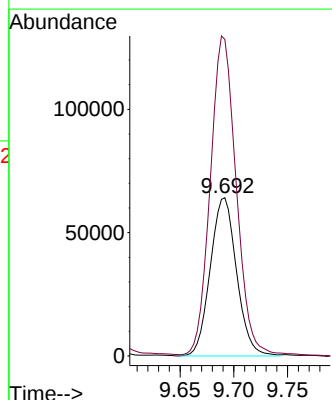
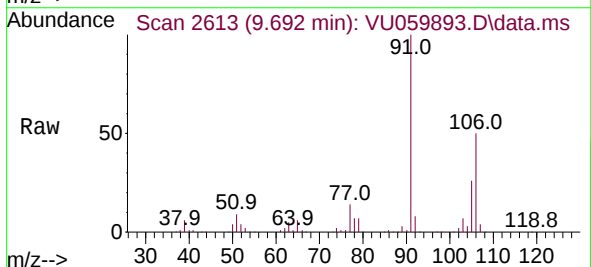
Instrument :
MSVOA_U
ClientSampleId :

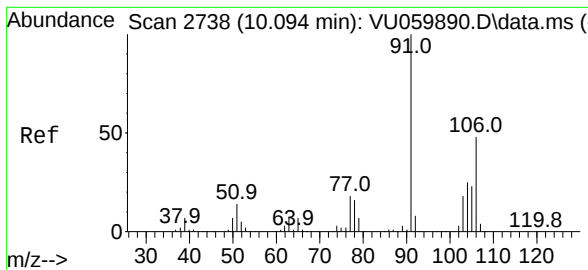
Tgt Ion: 91 Resp: 277182
Ion Ratio Lower Upper
91 100
106 31.7 20.9 38.7



#53
m,p-Xylene
Concen: 5.643 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU059893.D
Acq: 10 Jul 2024 11:45

Tgt Ion:106 Resp: 109199
Ion Ratio Lower Upper
106 100
91 200.1 142.0 263.8

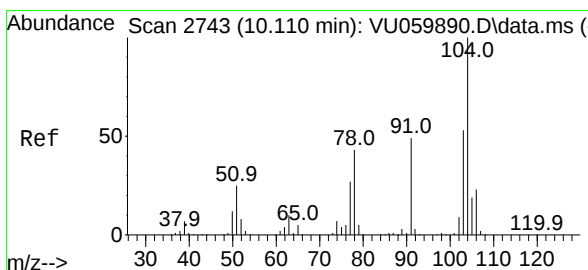
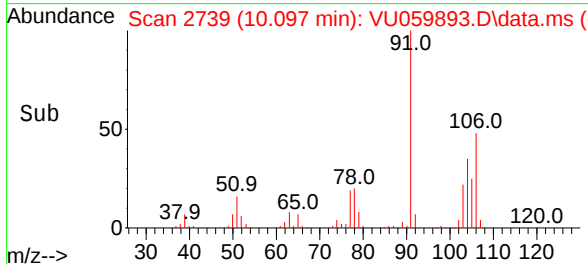
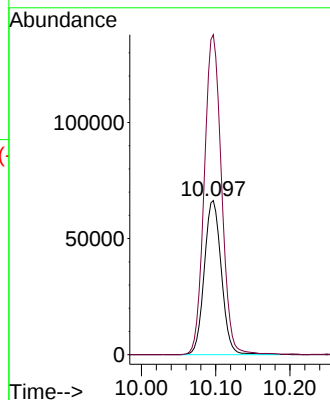
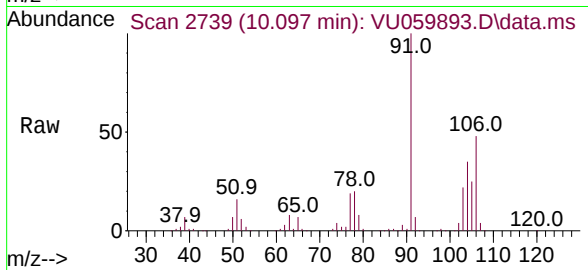




#54
o-Xylene
Concen: 5.766 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU059893.D
Acq: 10 Jul 2024 11:45

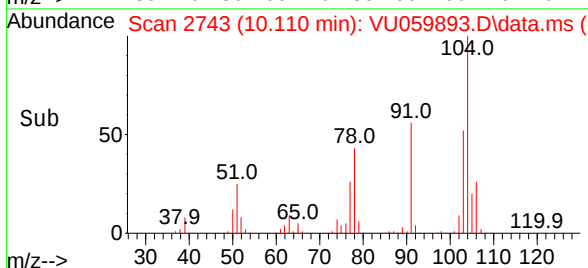
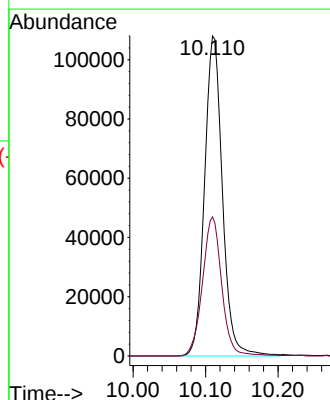
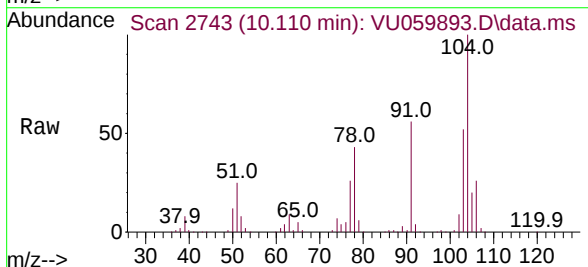
Instrument :
MSVOA_U
ClientSampleId :

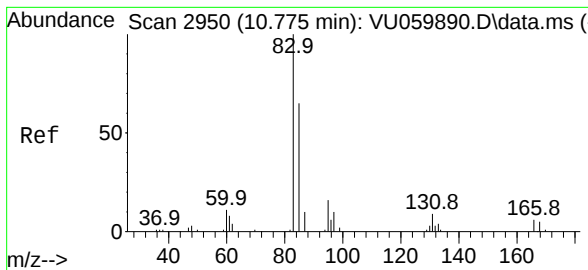
Tgt Ion:106 Resp: 105907
Ion Ratio Lower Upper
106 100
91 207.7 151.6 281.6



#55
Styrene
Concen: 5.915 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU059893.D
Acq: 10 Jul 2024 11:45

Tgt Ion:104 Resp: 184937
Ion Ratio Lower Upper
104 100
78 43.5 32.3 60.1

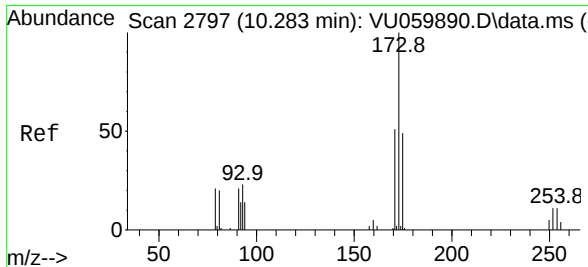
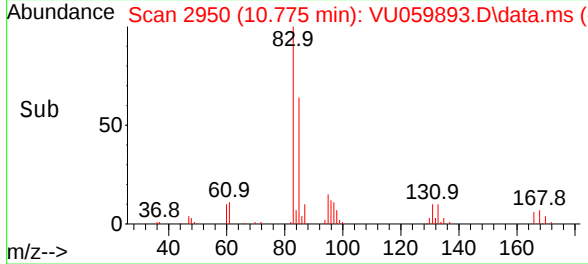
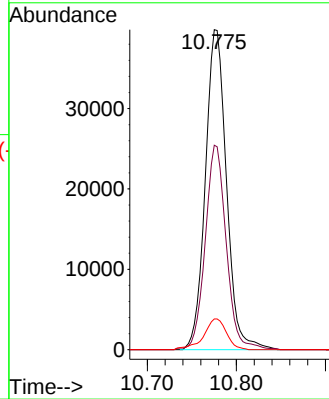
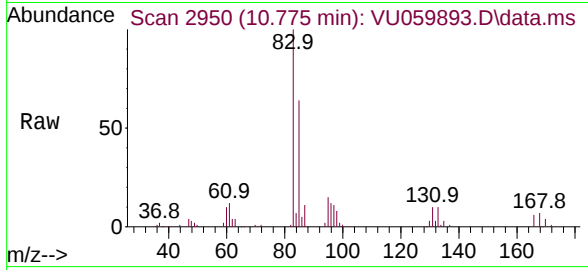




#57
1,1,2,2-Tetrachloroethane
Concen: 6.116 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU059893.D
Acq: 10 Jul 2024 11:45

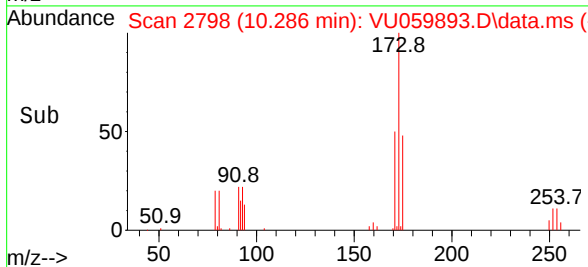
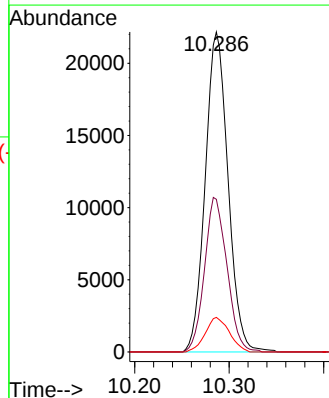
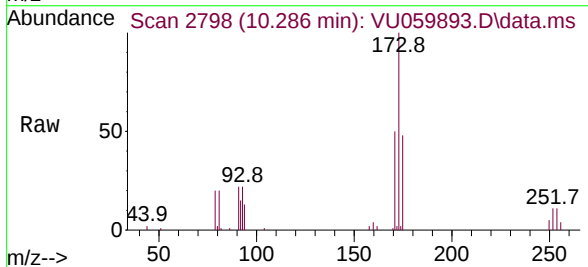
Instrument :
MSVOA_U
ClientSampleId :

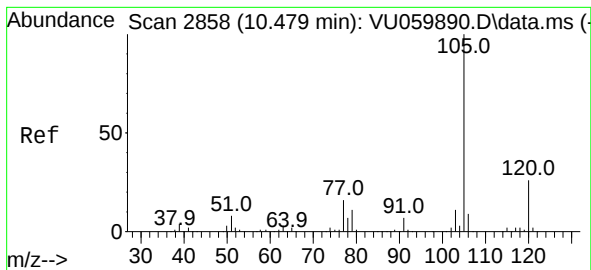
Tgt Ion: 83 Resp: 65647
Ion Ratio Lower Upper
83 100
85 63.9 44.7 82.9
131 9.6 6.9 10.3



#59
Bromoform
Concen: 5.843 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. 0.003 min
Lab File: VU059893.D
Acq: 10 Jul 2024 11:45

Tgt Ion:173 Resp: 37114
Ion Ratio Lower Upper
173 100
175 47.5 39.4 59.2
254 11.4 7.4 11.2#





#60

Isopropylbenzene

Concen: 5.333 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU059893.D

Acq: 10 Jul 2024 11:45

Instrument :

MSVOA_U

ClientSampleId :

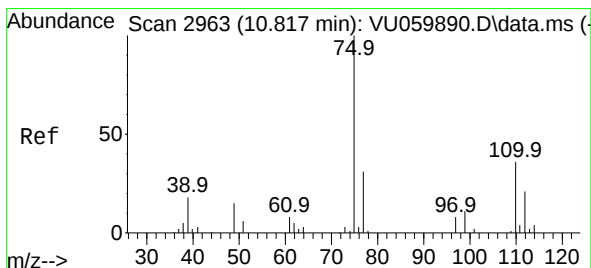
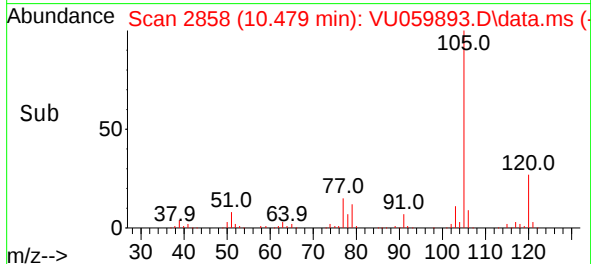
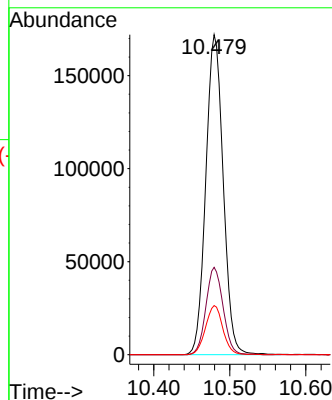
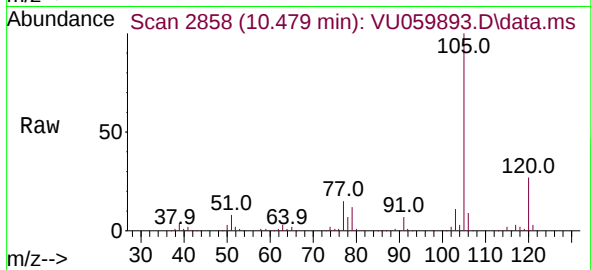
Tgt Ion:105 Resp: 273414

Ion Ratio Lower Upper

105 100

120 26.9 20.6 31.0

77 15.3 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 5.812 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU059893.D

Acq: 10 Jul 2024 11:45

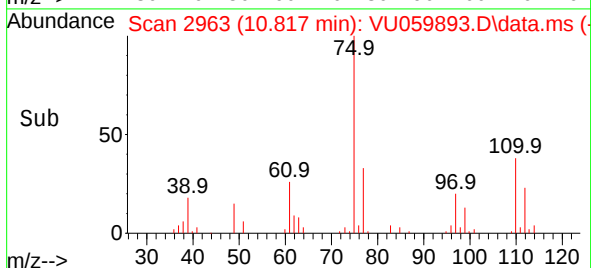
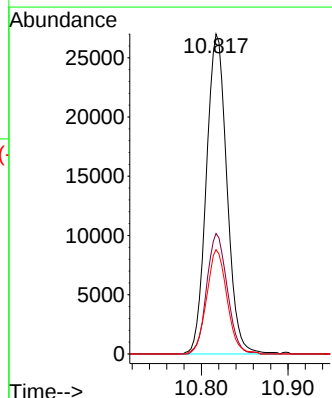
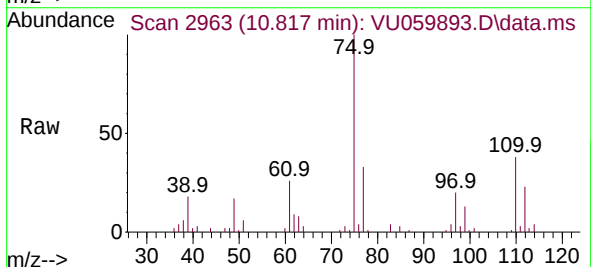
Tgt Ion: 75 Resp: 44579

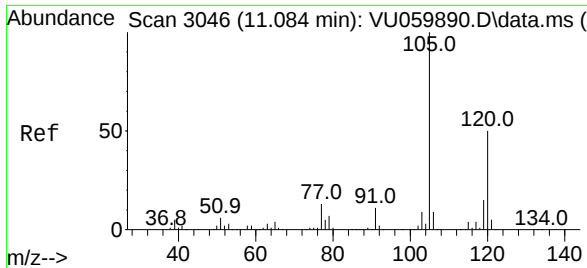
Ion Ratio Lower Upper

75 100

110 37.5 27.1 40.7

77 32.4 25.4 38.2

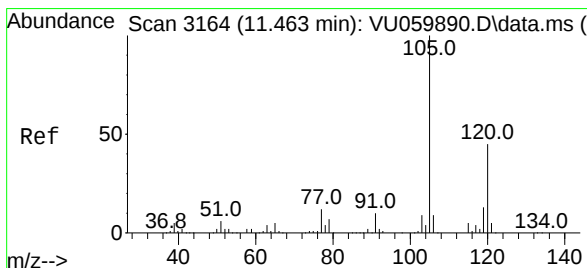
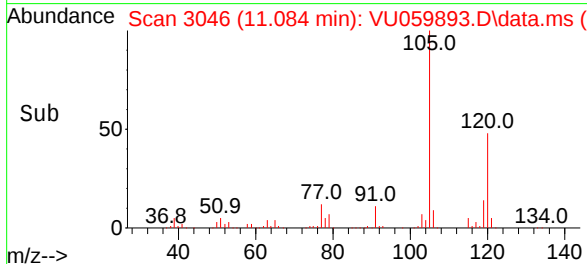
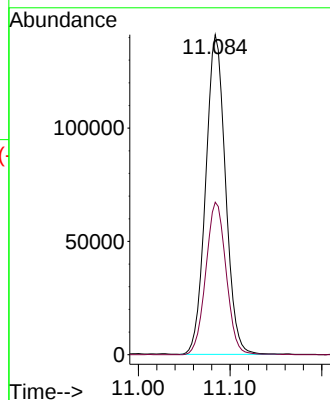
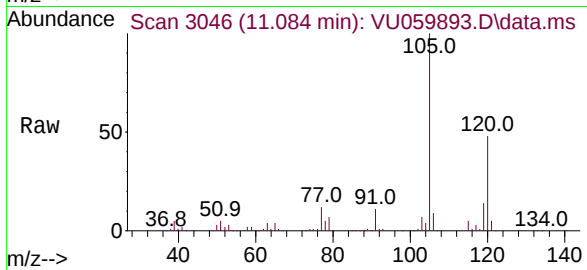




#62
1,3,5-Trimethylbenzene
Concen: 5.206 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU059893.D
Acq: 10 Jul 2024 11:45

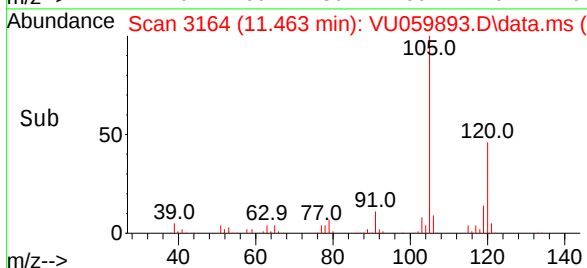
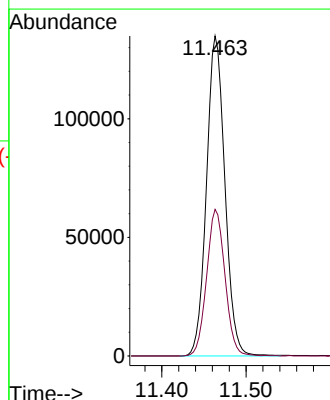
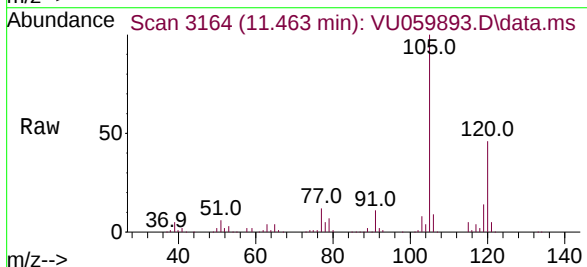
Instrument :
MSVOA_U
ClientSampleId :

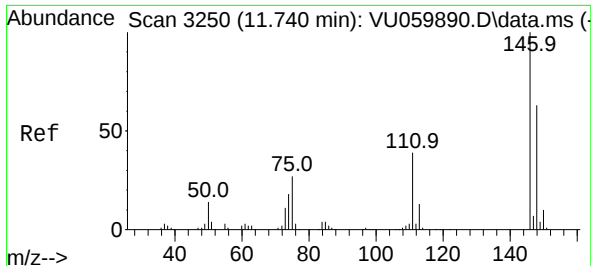
Tgt Ion:105 Resp: 211466
Ion Ratio Lower Upper
105 100
120 49.0 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 5.287 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU059893.D
Acq: 10 Jul 2024 11:45

Tgt Ion:105 Resp: 205331
Ion Ratio Lower Upper
105 100
120 45.8 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 5.587 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. 0.000 min

Lab File: VU059893.D

Acq: 10 Jul 2024 11:45

Instrument :

MSVOA_U

ClientSampleId :

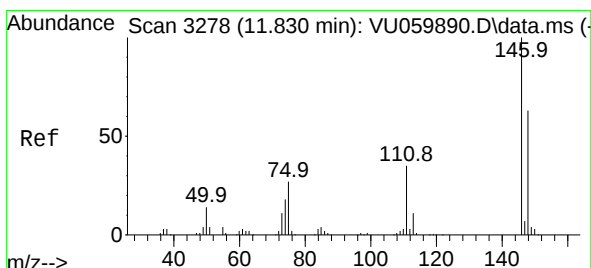
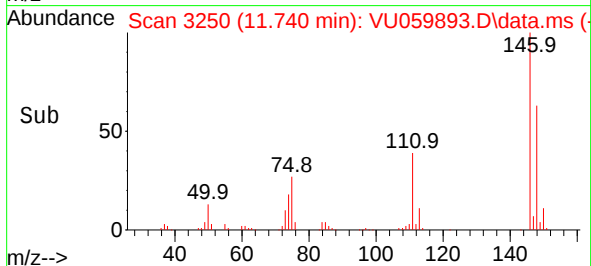
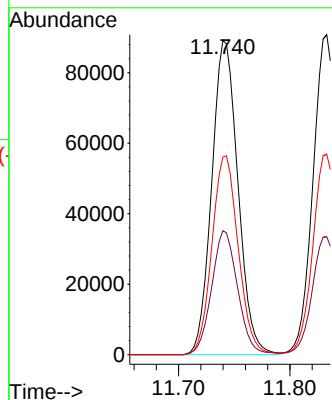
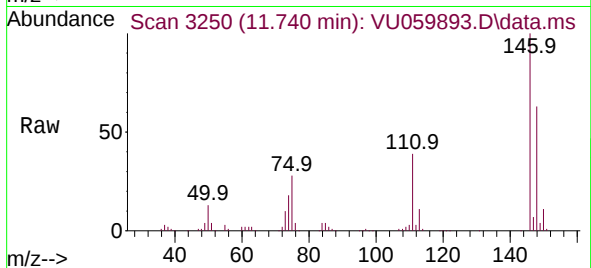
Tgt Ion:146 Resp: 145693

Ion Ratio Lower Upper

146 100

111 39.5 27.4 51.0

148 62.9 45.0 83.6



#65

1,4-Dichlorobenzene

Concen: 5.458 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. 0.003 min

Lab File: VU059893.D

Acq: 10 Jul 2024 11:45

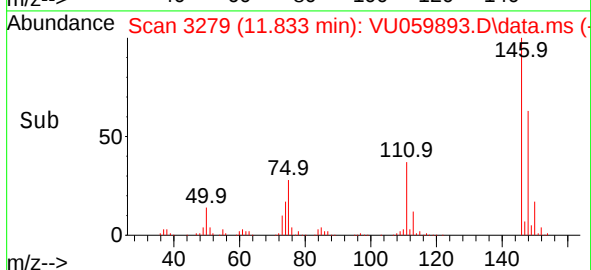
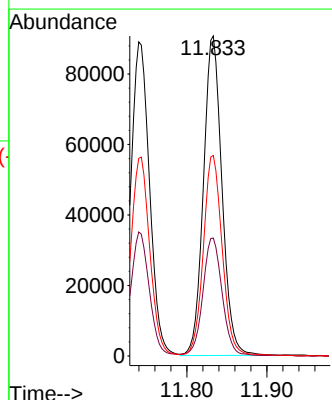
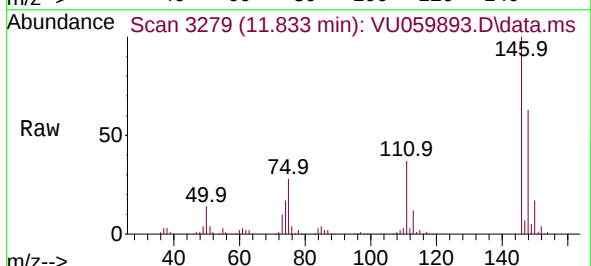
Tgt Ion:146 Resp: 146514

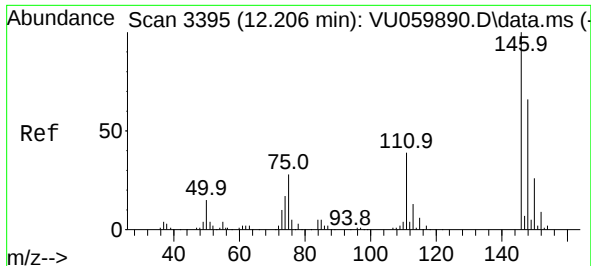
Ion Ratio Lower Upper

146 100

111 36.8 26.9 50.1

148 62.6 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.513 ug/L

RT: 12.209 min Scan# 3395

Delta R.T. 0.003 min

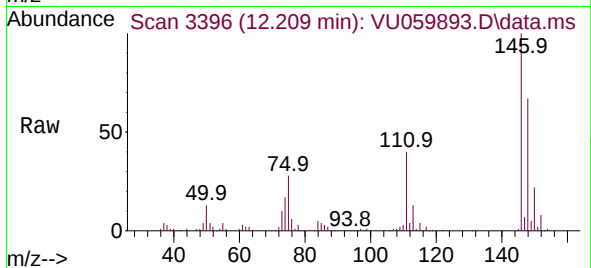
Lab File: VU059893.D

Acq: 10 Jul 2024 11:45

Instrument :

MSVOA_U

ClientSampleId :



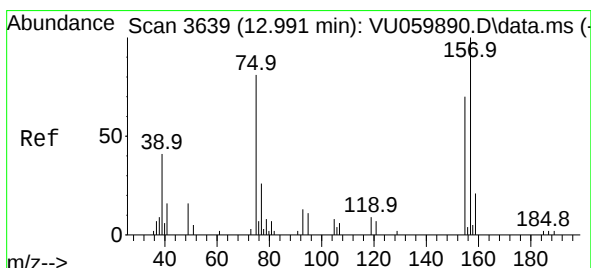
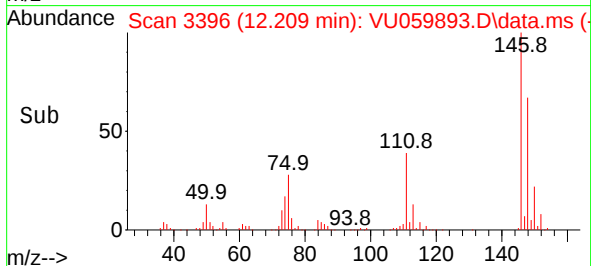
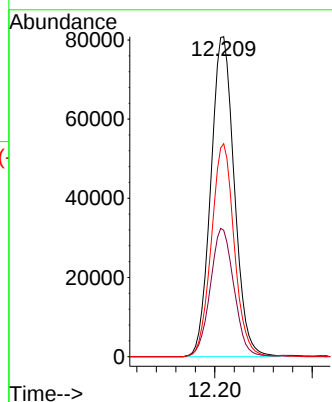
Tgt Ion:146 Resp: 135285

Ion Ratio Lower Upper

146 100

111 39.5 33.4 50.0

148 66.6 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.757 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU059893.D

Acq: 10 Jul 2024 11:45

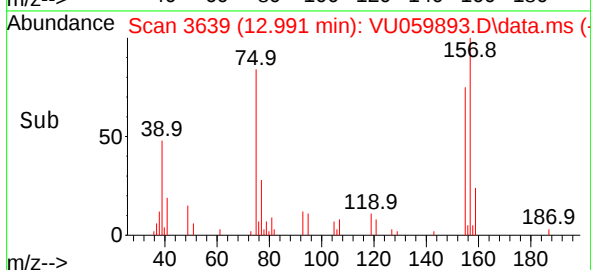
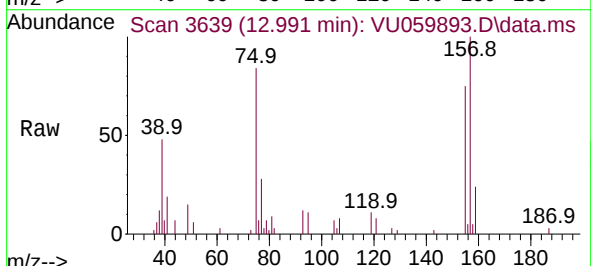
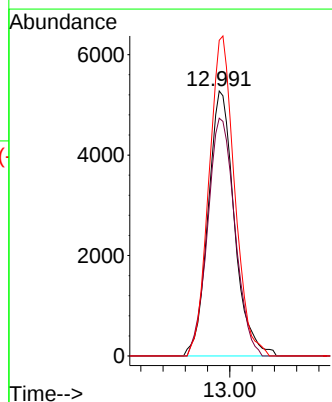
Tgt Ion: 75 Resp: 8613

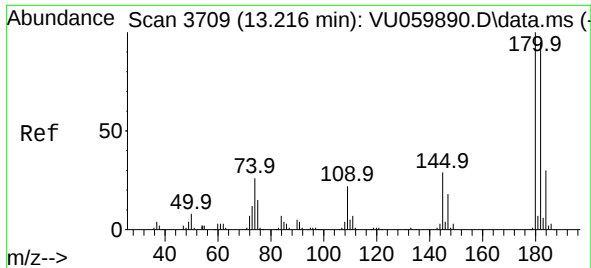
Ion Ratio Lower Upper

75 100

155 89.7 58.2 87.2#

157 119.2 80.0 120.0





#69

1,3,5-Trichlorobenzene

Concen: 5.585 ug/L

RT: 13.216 min Scan# 3709

Delta R.T. 0.000 min

Lab File: VU059893.D

Acq: 10 Jul 2024 11:45

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 107804

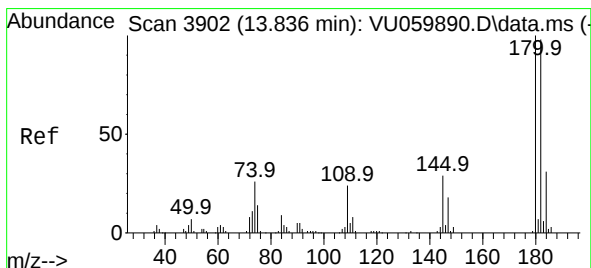
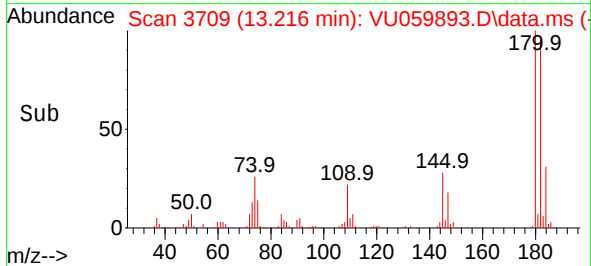
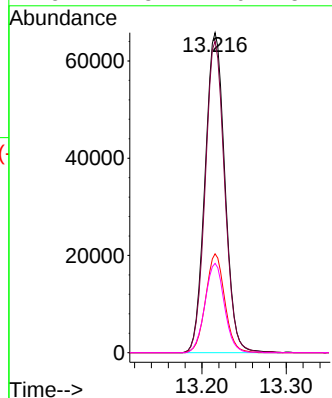
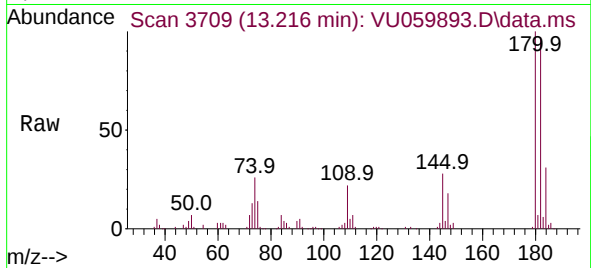
Ion Ratio Lower Upper

180 100

182 95.4 75.4 113.0

184 29.8 23.0 34.6

145 27.3 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 5.666 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU059893.D

Acq: 10 Jul 2024 11:45

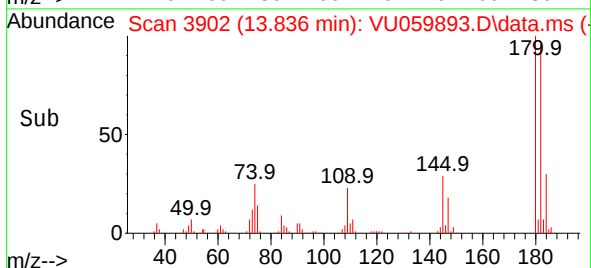
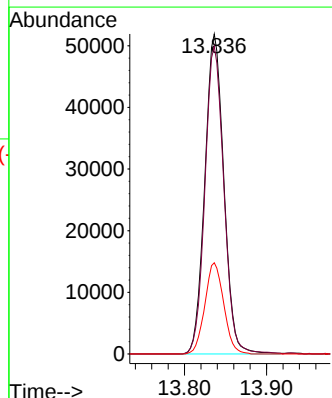
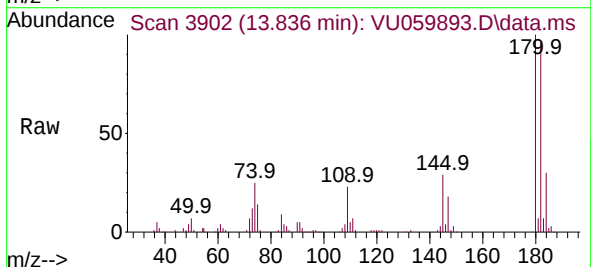
Tgt Ion:180 Resp: 83898

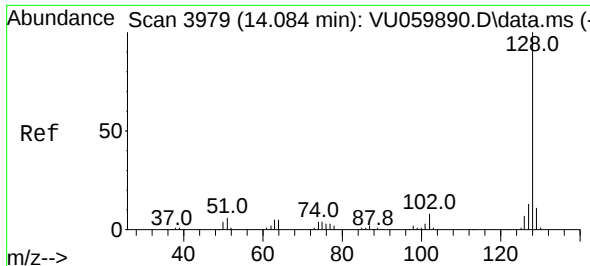
Ion Ratio Lower Upper

180 100

182 95.5 74.9 112.3

145 28.2 23.9 35.9

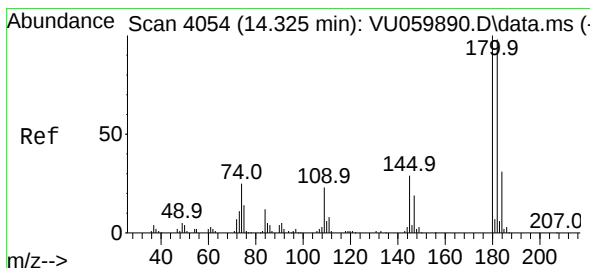
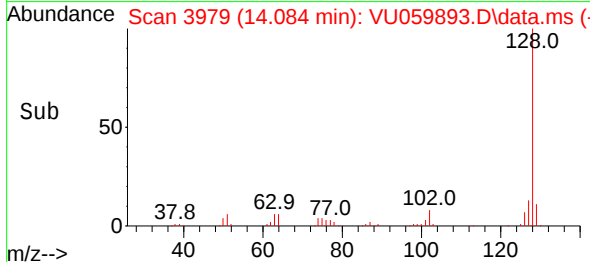
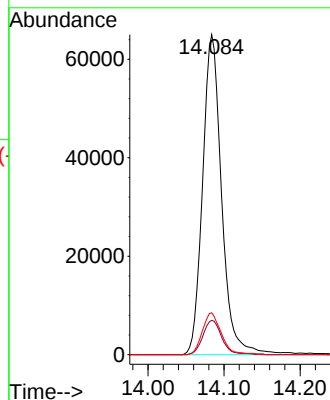
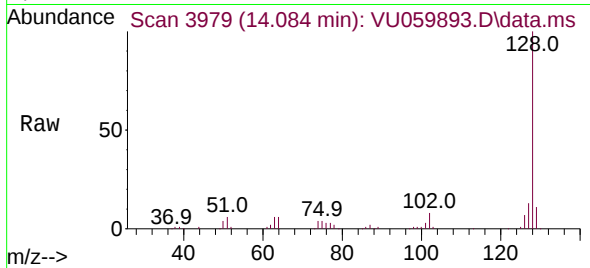




#71
Naphthalene
Concen: 5.325 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU059893.D
Acq: 10 Jul 2024 11:45

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 112857
Ion Ratio Lower Upper
128 100
129 10.6 8.2 12.4
127 13.1 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.623 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU059893.D
Acq: 10 Jul 2024 11:45

Tgt Ion:180 Resp: 77312
Ion Ratio Lower Upper
180 100
182 96.9 77.0 115.6
145 30.6 26.2 39.4

