

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071124\
 Data File : VU059895.D
 Acq On : 11 Jul 2024 08:27
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 12 01:54:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 03 01:39:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	246459	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	251381	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	134867	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.595	65	81484	51.493	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.980%
7) Chloroethane-d5	1.907	69	71711	53.876	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.760%
11) 1,1-Dichloroethene-d2	2.563	63	138969	49.433	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.860%
21) 2-Butanone-d5	4.618	46	100312	91.215	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.220%
24) Chloroform-d	5.055	84	162841	53.139	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.280%
26) 1,2-Dichloroethane-d4	5.692	65	92244	50.626	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.260%
32) Benzene-d6	5.721	84	320189	49.741	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.480%
36) 1,2-Dichloropropane-d6	6.682	67	100922	50.656	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.320%
41) Toluene-d8	7.891	98	305356	49.882	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.760%
43) trans-1,3-Dichloroprop...	8.174	79	45470	48.774	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.540%
47) 2-Hexanone-d5	8.627	63	72418	86.250	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.250%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	156351	51.130	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.260%
66) 1,2-Dichlorobenzene-d4	12.187	152	114682	46.274	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.540%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.380	85	83078	54.277	ug/L	100
3) Chloromethane	1.518	50	83983	55.914	ug/L	98
5) Vinyl chloride	1.602	62	96523	54.742	ug/L	98
6) Bromomethane	1.853	94	61816	66.743	ug/L	99
8) Chloroethane	1.930	64	63237	55.088	ug/L	99
9) Trichlorofluoromethane	2.132	101	132826	54.109	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	86631	55.442	ug/L	98
12) 1,1-Dichloroethene	2.573	96	73886	50.560	ug/L	95
13) Acetone	2.628	43	120087	106.044	ug/L	96
14) Carbon disulfide	2.788	76	192377	52.158	ug/L	98
15) Methyl Acetate	2.943	43	81030	47.460	ug/L	97
16) Methylene chloride	3.039	84	91575	49.695	ug/L	98
17) trans-1,2-Dichloroethene	3.348	96	77309	51.387	ug/L	97
18) Methyl tert-butyl Ether	3.354	73	235547	48.205	ug/L	99
19) 1,1-Dichloroethane	3.859	63	152618	53.487	ug/L	99
20) cis-1,2-Dichloroethene	4.660	96	90457	49.654	ug/L	97
22) 2-Butanone	4.695	43	132067	94.790	ug/L	100
23) Bromochloromethane	4.965	128	50839	52.908	ug/L	96
25) Chloroform	5.078	83	165894	54.029	ug/L	96

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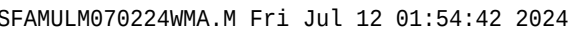
Instrument :
 MSVOA_U
 ClientSampleId :

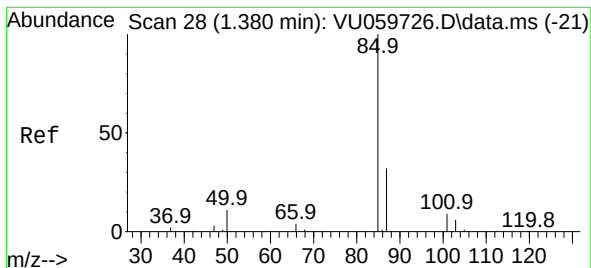
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	120579	51.729	ug/L	99
29) Cyclohexane	5.380	56	103429	45.950	ug/L	99
30) 1,1,1-Trichloroethane	5.309	97	134444	51.625	ug/L	99
31) Carbon tetrachloride	5.518	117	112776	52.425	ug/L	98
33) Benzene	5.766	78	353849	52.126	ug/L	100
34) Trichloroethene	6.534	95	90853	50.153	ug/L	96
35) Methylcyclohexane	6.756	83	122824	49.094	ug/L	98
37) 1,2-Dichloropropane	6.782	63	96836	51.826	ug/L	99
38) Bromodichloromethane	7.100	83	126289	53.343	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	137039	47.937	ug/L	96
40) 4-Methyl-2-pentanone	7.785	43	215324	91.178	ug/L	97
42) Toluene	7.962	91	382306	51.588	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	131956	50.251	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	101036	51.633	ug/L	99
46) Tetrachloroethene	8.547	164	74833	50.216	ug/L	99
48) 2-Hexanone	8.679	43	189671	95.965	ug/L	99
49) Dibromochloromethane	8.804	129	102681	53.257	ug/L	99
50) 1,2-Dibromoethane	8.917	107	104696	51.172	ug/L	99
51) Chlorobenzene	9.441	112	244775	49.753	ug/L	100
52) Ethylbenzene	9.566	91	385488	48.710	ug/L	99
53) m,p-Xylene	9.688	106	152719	49.562	ug/L	98
54) o-Xylene	10.094	106	147410	49.749	ug/L	99
55) Styrene	10.110	104	264390	52.889	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	171908	52.094	ug/L	100
59) Bromoform	10.283	173	83901	51.450	ug/L	100
60) 1,2,3-Trichloropropane	10.814	75	125252	48.935	ug/L	99
61) Isopropylbenzene	10.479	105	383868	48.828	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	271243	47.130	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	294360	47.750	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	201323	49.378	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	204898	48.614	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	203831	49.489	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	32251	46.074	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	141797	48.237	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	117900	44.499	ug/L	99
71) Naphthalene	14.081	128	311597	40.696	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	127618	48.008	ug/L	100

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

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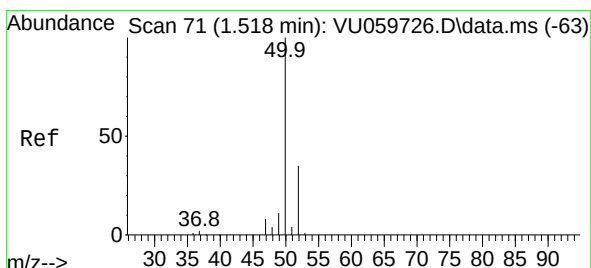
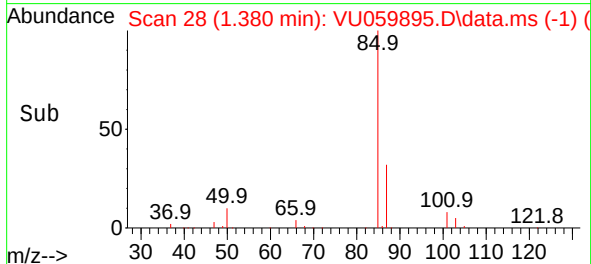
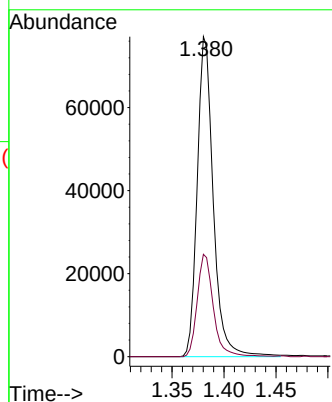
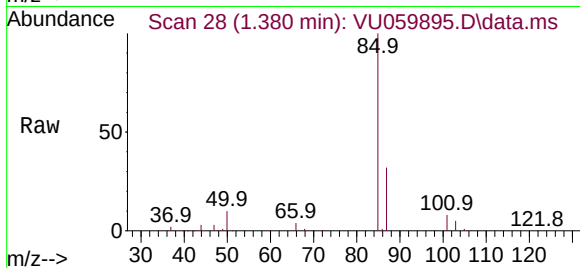




#2
 Dichlorodifluoromethane
 Concen: 54.277 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VU059895.D
 Acq: 11 Jul 2024 08:27

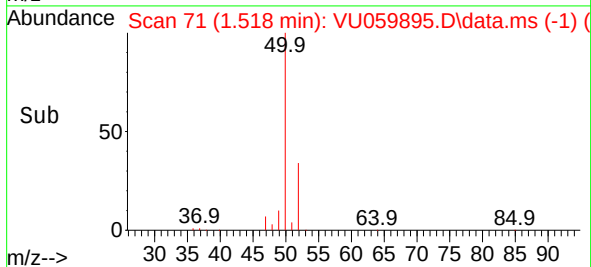
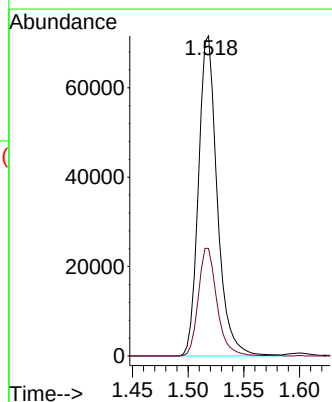
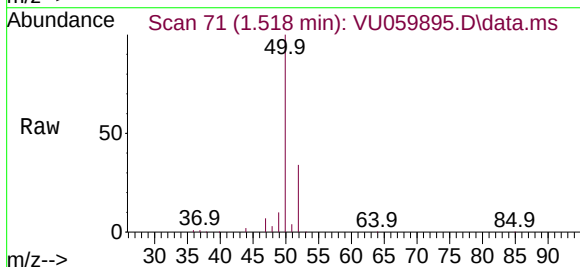
Instrument :
 MSVOA_U
 ClientSampleId :

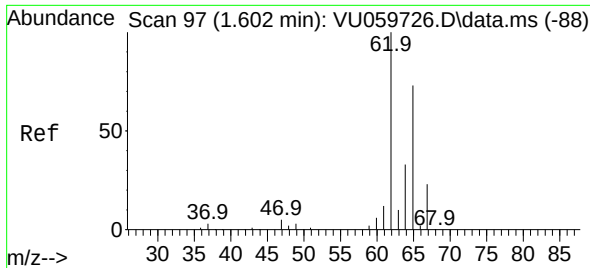
Tgt Ion: 85 Resp: 83078
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.4 38.2



#3
 Chloromethane
 Concen: 55.914 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU059895.D
 Acq: 11 Jul 2024 08:27

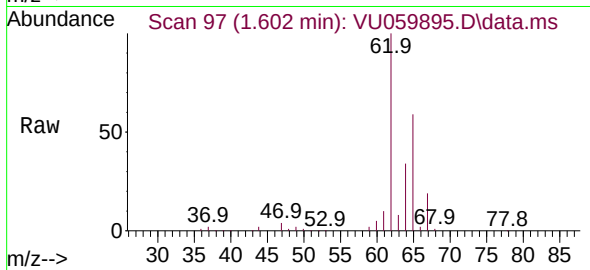
Tgt Ion: 50 Resp: 83983
 Ion Ratio Lower Upper
 50 100
 52 33.6 24.5 45.5



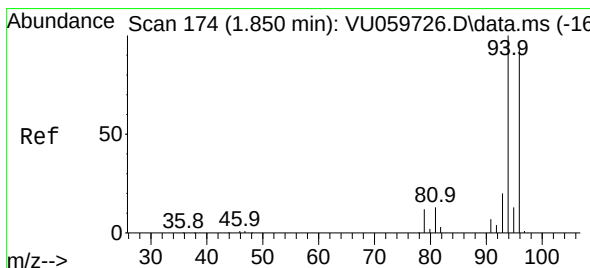
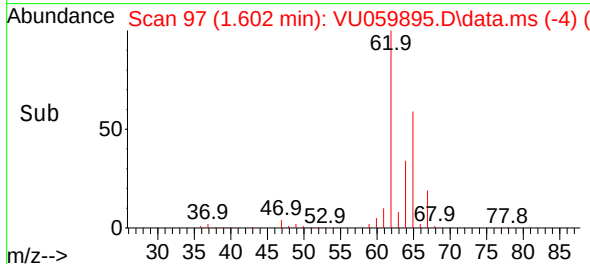
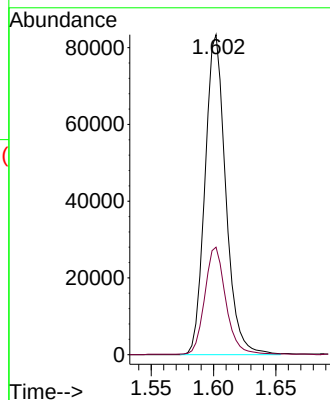


#5
 Vinyl chloride
 Concen: 54.742 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU059895.D
 Acq: 11 Jul 2024 08:27

Instrument :
 MSVOA_U
 ClientSampleId :

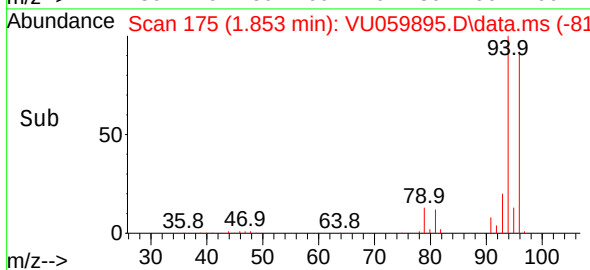
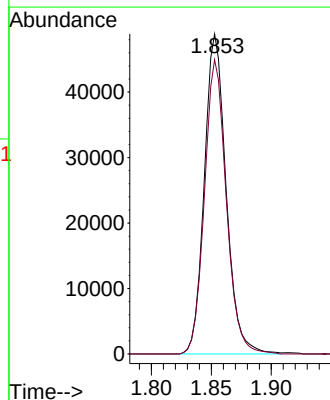
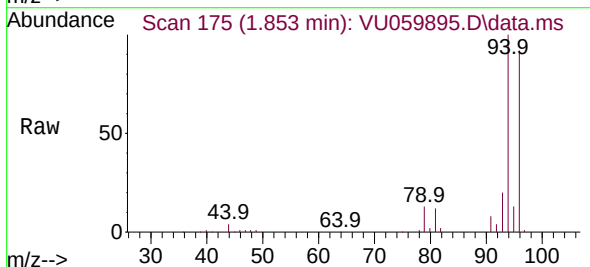


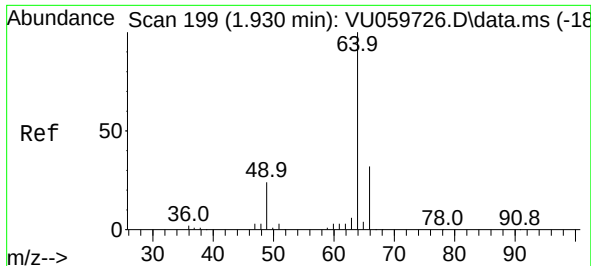
Tgt Ion: 62 Resp: 96523
 Ion Ratio Lower Upper
 62 100
 64 33.6 22.9 42.5



#6
 Bromomethane
 Concen: 66.743 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.003 min
 Lab File: VU059895.D
 Acq: 11 Jul 2024 08:27

Tgt Ion: 94 Resp: 61816
 Ion Ratio Lower Upper
 94 100
 96 91.9 65.2 121.2





#8

Chloroethane

Concen: 55.088 ug/L

RT: 1.930 min Scan# 199

Delta R.T. -0.000 min

Lab File: VU059895.D

Acq: 11 Jul 2024 08:27

Instrument :

MSVOA_U

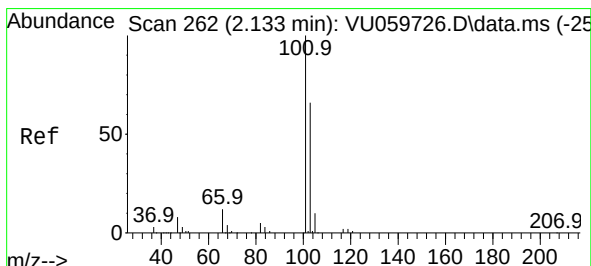
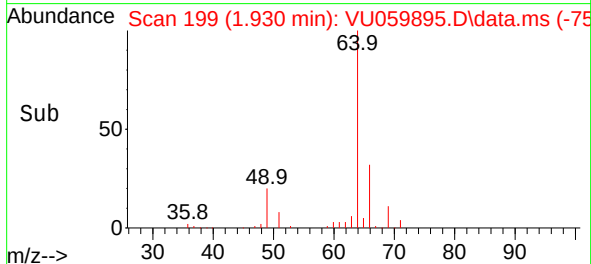
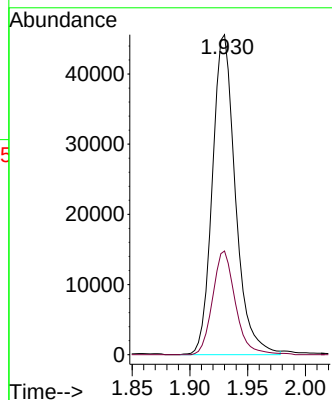
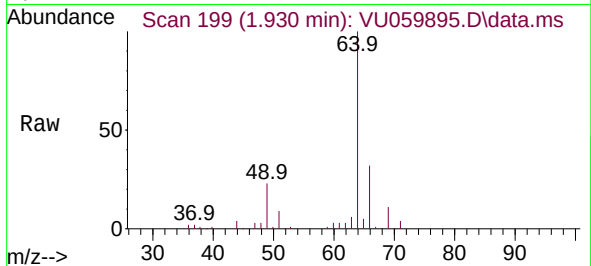
ClientSampleId :

Tgt Ion: 64 Resp: 63237

Ion Ratio Lower Upper

64 100

66 32.4 22.3 41.3



#9

Trichlorofluoromethane

Concen: 54.109 ug/L

RT: 2.132 min Scan# 262

Delta R.T. -0.000 min

Lab File: VU059895.D

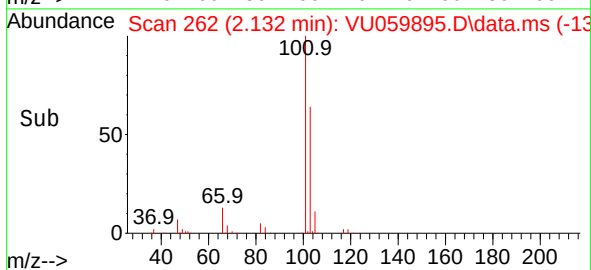
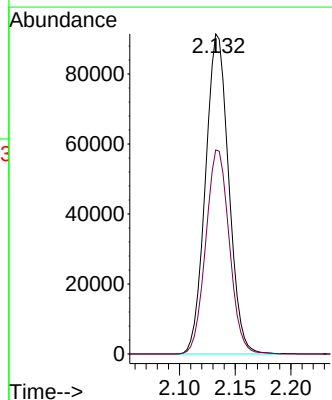
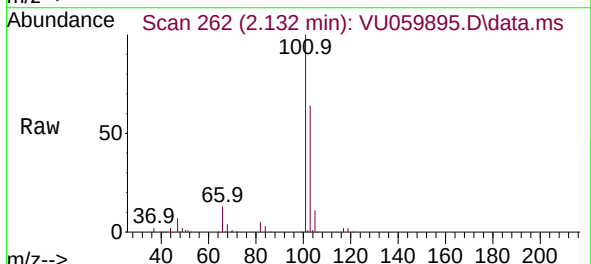
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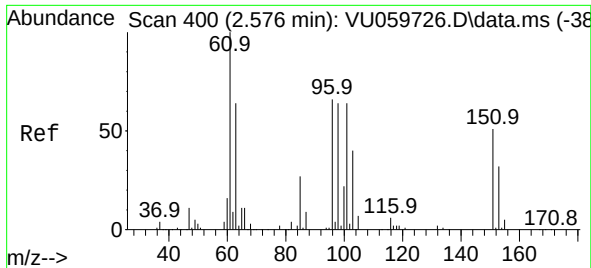
Tgt Ion:101 Resp: 132826

Ion Ratio Lower Upper

101 100

103 64.7 52.3 78.5





#10

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

Concen: 55.442 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU059895.D

Acq: 11 Jul 2024 08:27

Instrument :

MSVOA_U

ClientSampleId :

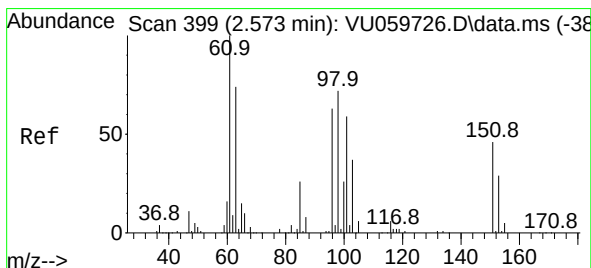
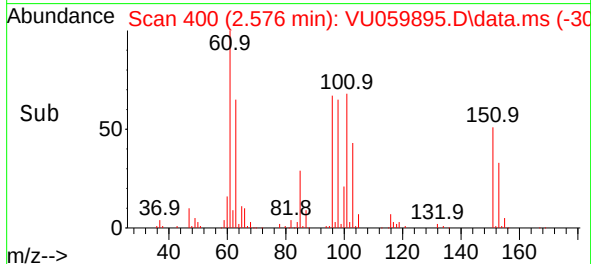
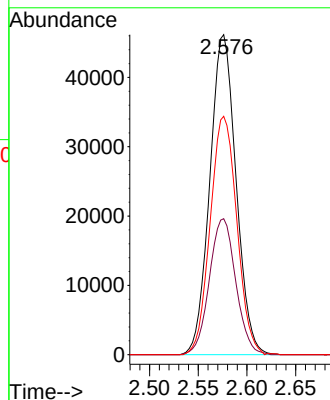
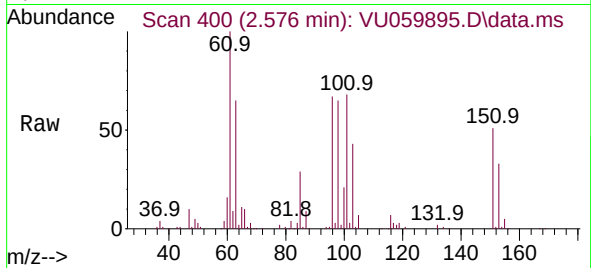
Tgt Ion:101 Resp: 86631

Ion Ratio Lower Upper

101 100

85 42.7 34.8 52.2

151 75.5 62.3 93.5



#12

1,1-Dichloroethene

Concen: 50.560 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU059895.D

Acq: 11 Jul 2024 08:27

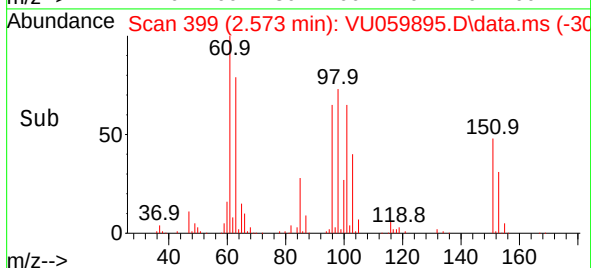
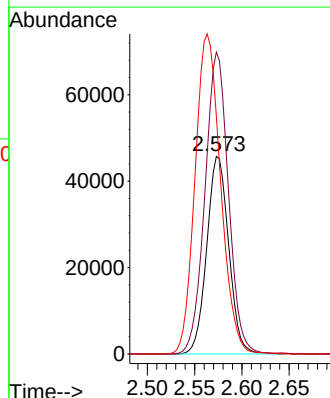
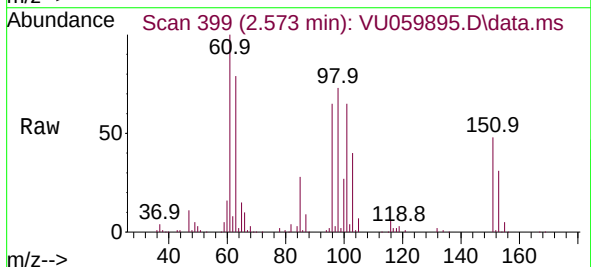
Tgt Ion: 96 Resp: 73886

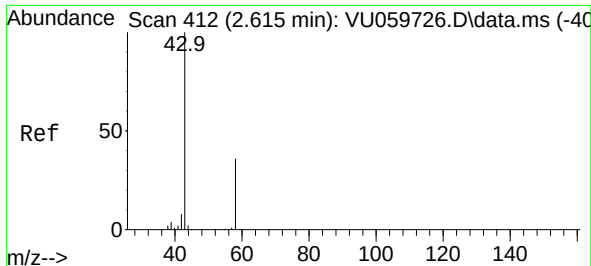
Ion Ratio Lower Upper

96 100

61 152.8 112.2 208.4

63 120.3 87.4 162.2





#13

Acetone

Concen: 106.044 ug/L

RT: 2.628 min Scan# 41

Delta R.T. 0.013 min

Lab File: VU059895.D

Acq: 11 Jul 2024 08:27

Instrument :

MSVOA_U

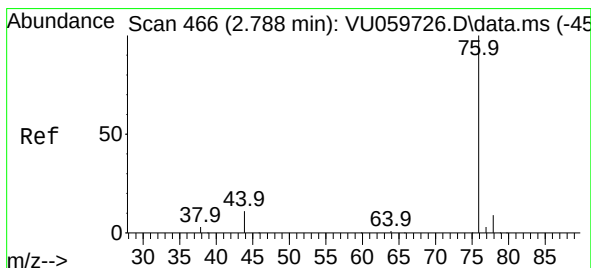
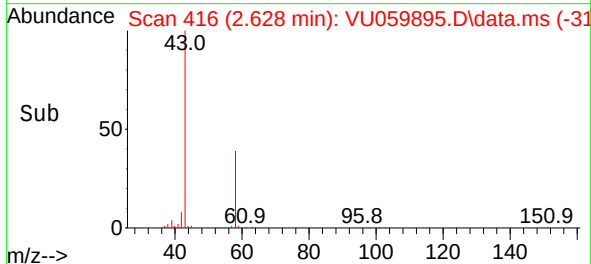
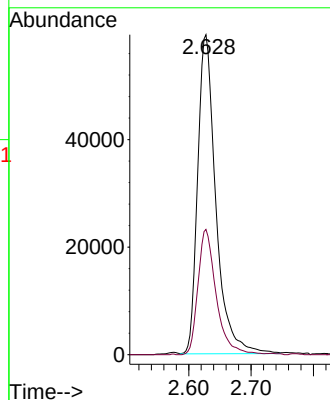
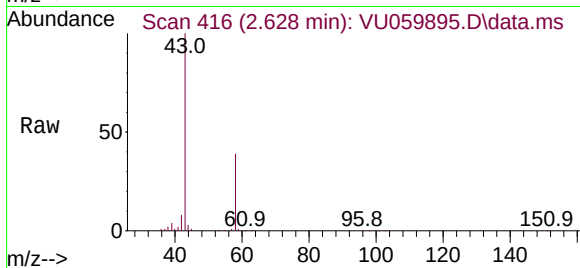
ClientSampleId :

Tgt Ion: 43 Resp: 120087

Ion Ratio Lower Upper

43 100

58 39.0 0.0 73.8



#14

Carbon disulfide

Concen: 52.158 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU059895.D

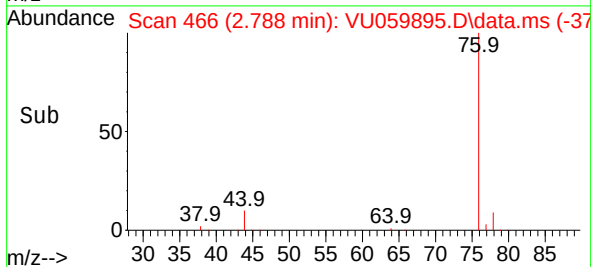
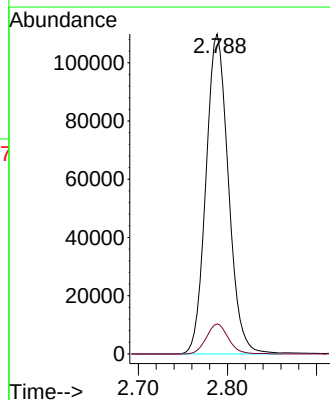
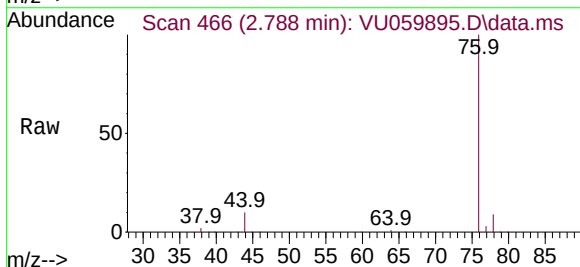
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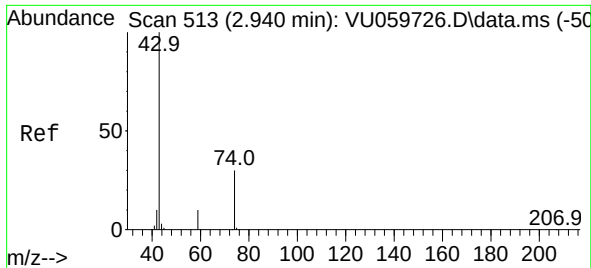
Tgt Ion: 76 Resp: 192377

Ion Ratio Lower Upper

76 100

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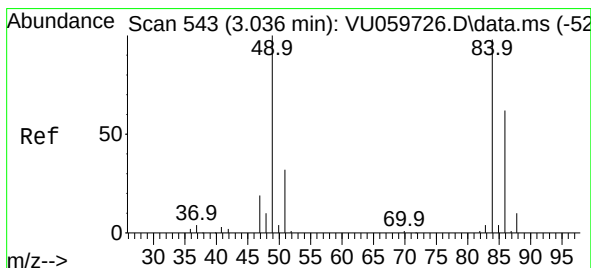
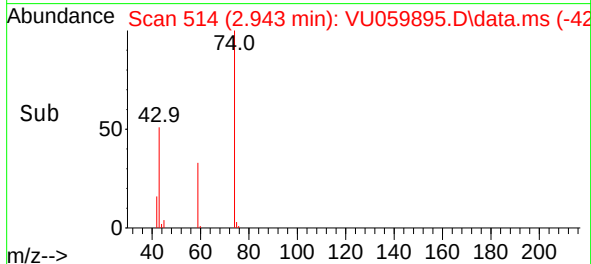
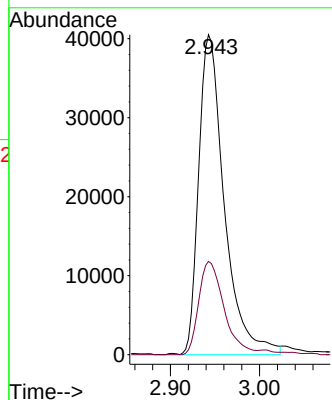
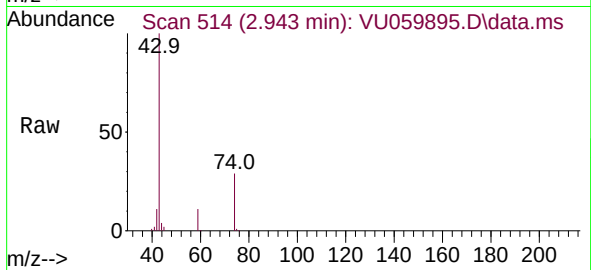




#15
Methyl Acetate
Concen: 47.460 ug/L
RT: 2.943 min Scan# 513
Delta R.T. 0.003 min
Lab File: VU059895.D
Acq: 11 Jul 2024 08:27

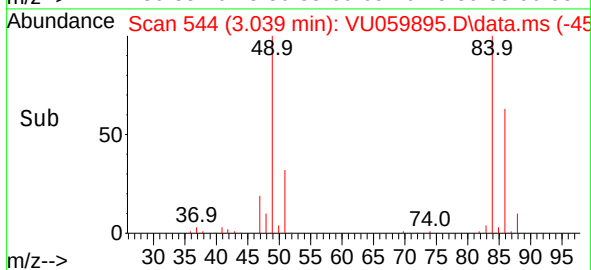
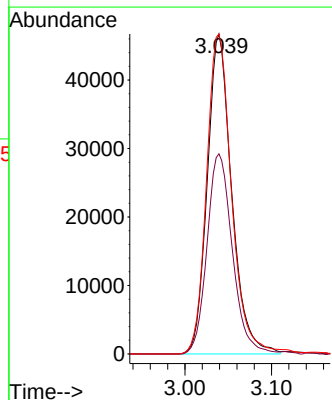
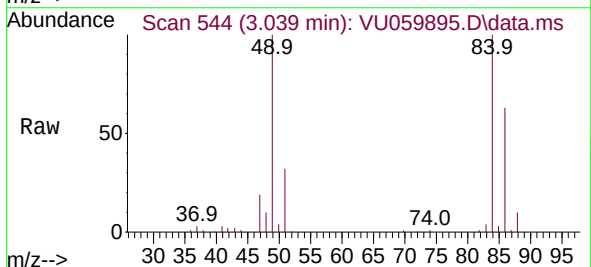
Instrument :
MSVOA_U
ClientSampleId :

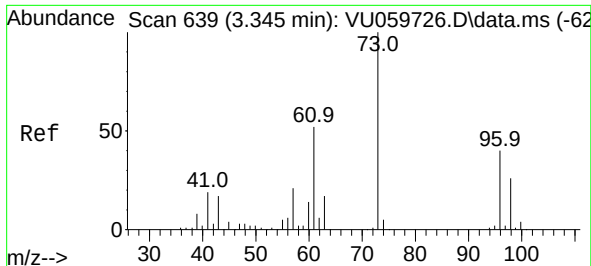
Tgt Ion: 43 Resp: 81030
Ion Ratio Lower Upper
43 100
74 28.6 24.1 36.1



#16
Methylene chloride
Concen: 49.695 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU059895.D
Acq: 11 Jul 2024 08:27

Tgt Ion: 84 Resp: 91575
Ion Ratio Lower Upper
84 100
86 62.6 44.7 83.1
49 100.0 71.6 133.0





#17

trans-1,2-Dichloroethene

Concen: 51.387 ug/L

RT: 3.348 min Scan# 640

Delta R.T. 0.003 min

Lab File: VU059895.D

Acq: 11 Jul 2024 08:27

Instrument :

MSVOA_U

ClientSampleId :

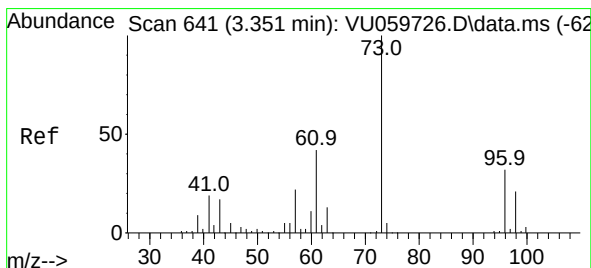
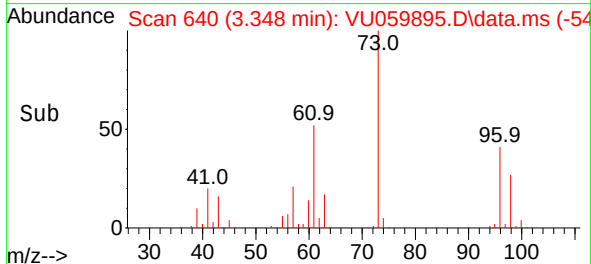
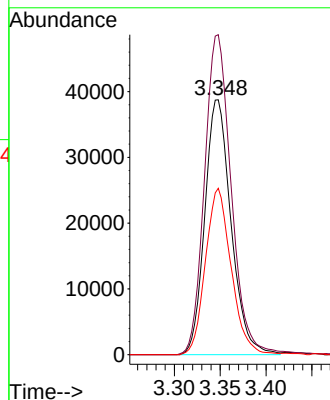
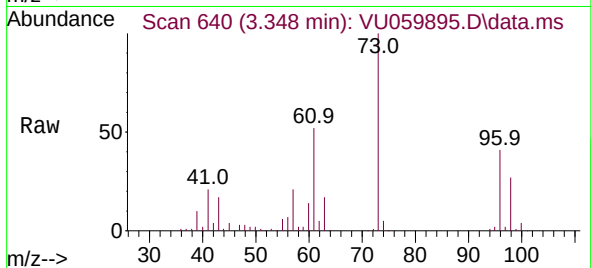
Tgt Ion: 96 Resp: 77309

Ion Ratio Lower Upper

96 100

61 125.5 90.6 168.3

98 65.3 44.9 83.3



#18

Methyl tert-butyl Ether

Concen: 48.205 ug/L

RT: 3.354 min Scan# 642

Delta R.T. 0.003 min

Lab File: VU059895.D

Acq: 11 Jul 2024 08:27

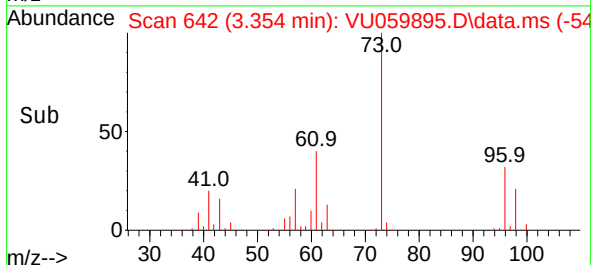
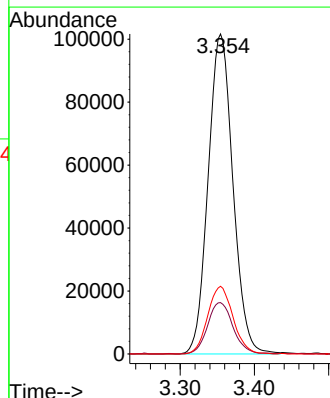
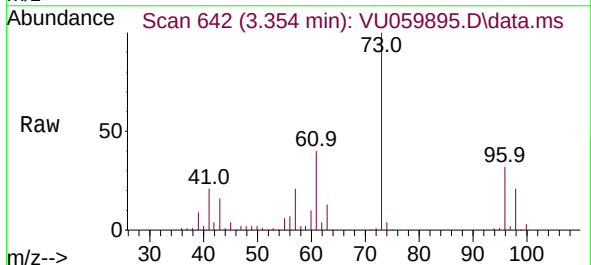
Tgt Ion: 73 Resp: 235547

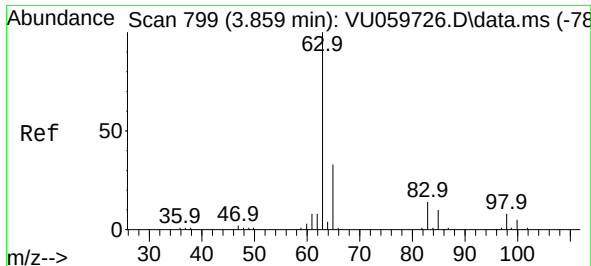
Ion Ratio Lower Upper

73 100

43 16.4 14.1 21.1

57 21.6 17.1 25.7





#19

1,1-Dichloroethane

Concen: 53.487 ug/L

RT: 3.859 min Scan# 799

Delta R.T. -0.000 min MSVOA_U

Lab File: VU059895.D

Acq: 11 Jul 2024 08:27

Instrument :

MSVOA_U

ClientSampleId :

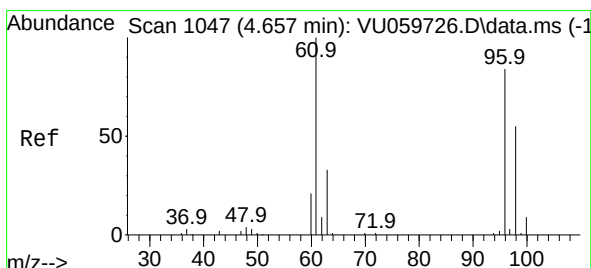
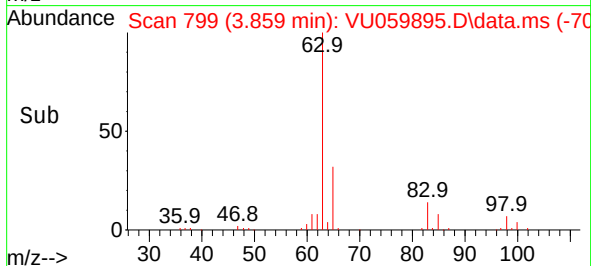
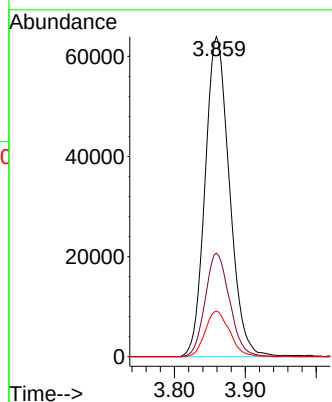
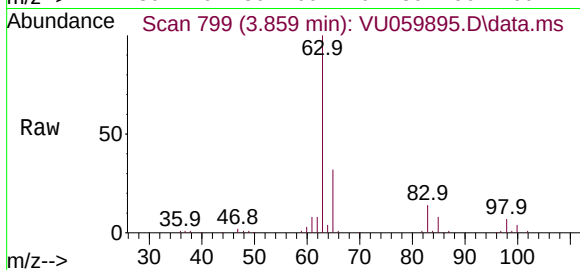
Tgt Ion: 63 Resp: 152618

Ion Ratio Lower Upper

63 100

65 32.4 23.3 43.3

83 14.3 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 49.654 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU059895.D

Acq: 11 Jul 2024 08:27

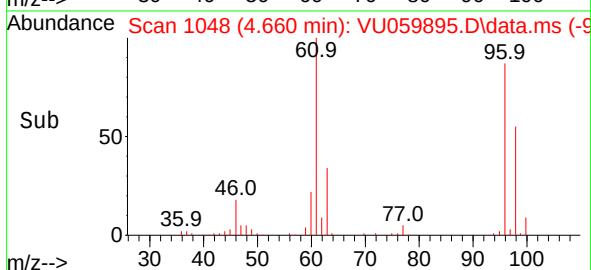
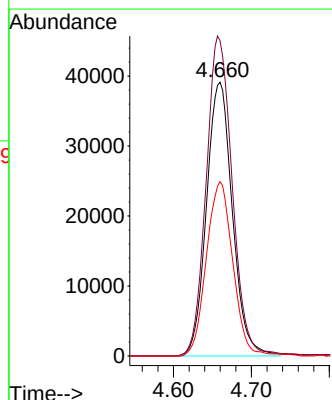
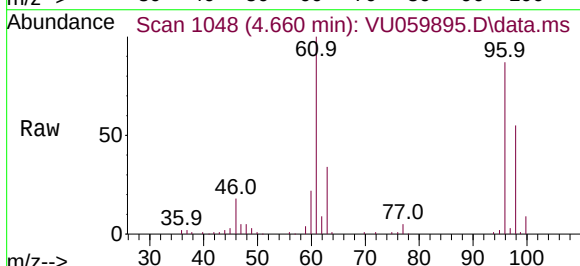
Tgt Ion: 96 Resp: 90457

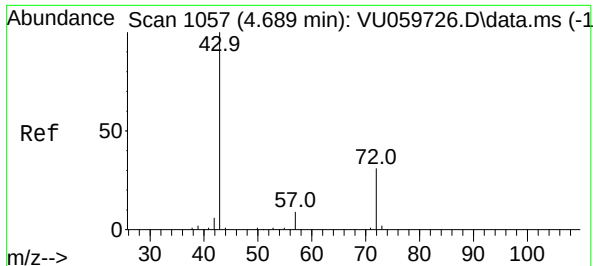
Ion Ratio Lower Upper

96 100

61 115.1 83.2 154.4

98 63.7 45.9 85.3

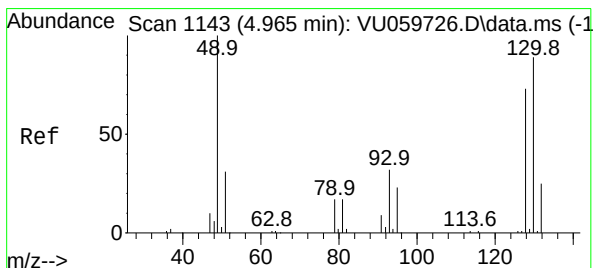
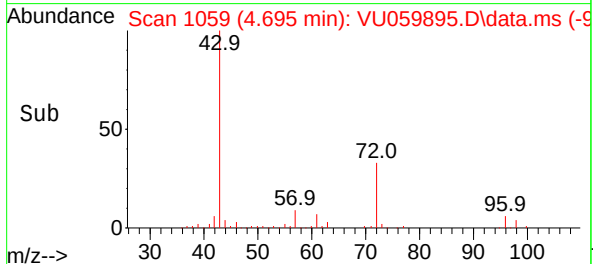
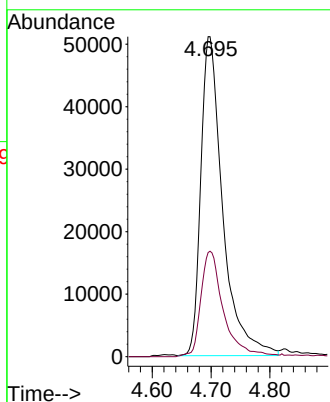
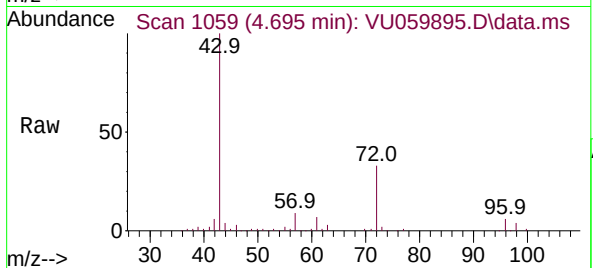




#22
2-Butanone
Concen: 94.790 ug/L
RT: 4.695 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VU059895.D
Acq: 11 Jul 2024 08:27

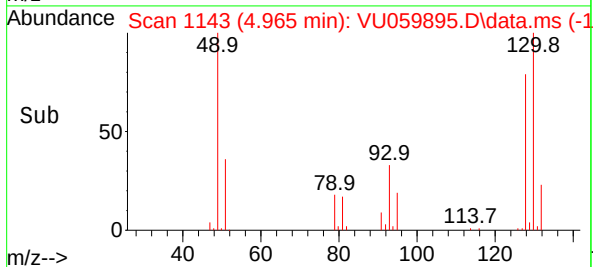
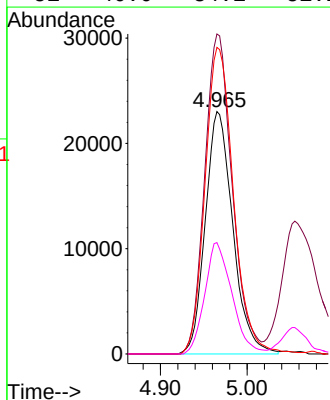
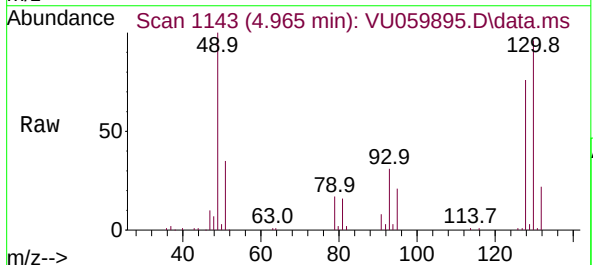
Instrument :
MSVOA_U
ClientSampleId :

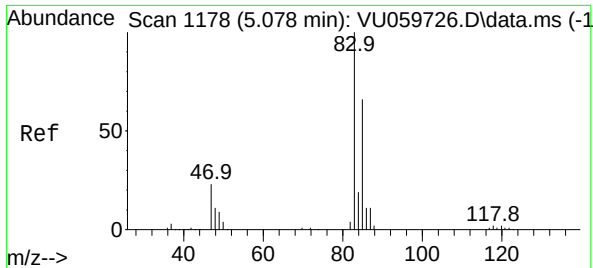
Tgt Ion: 43 Resp: 132067
Ion Ratio Lower Upper
43 100
72 32.9 16.4 49.2



#23
Bromochloromethane
Concen: 52.908 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VU059895.D
Acq: 11 Jul 2024 08:27

Tgt Ion:128 Resp: 50839
Ion Ratio Lower Upper
128 100
49 132.0 96.7 179.7
130 126.5 86.3 160.3
51 46.0 34.1 51.1

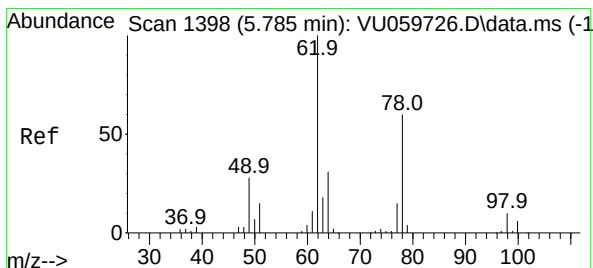
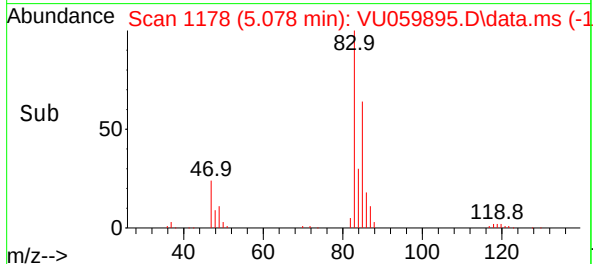
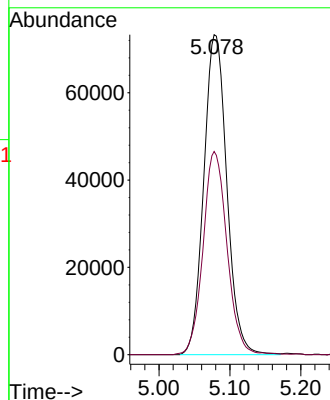
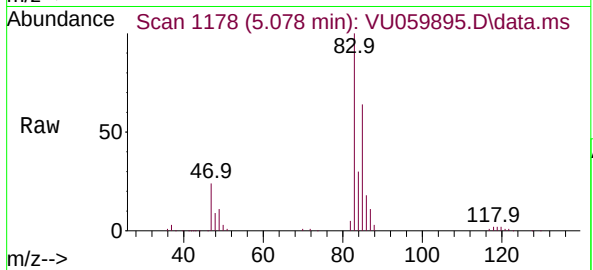




#25
Chloroform
Concen: 54.029 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU059895.D
Acq: 11 Jul 2024 08:27

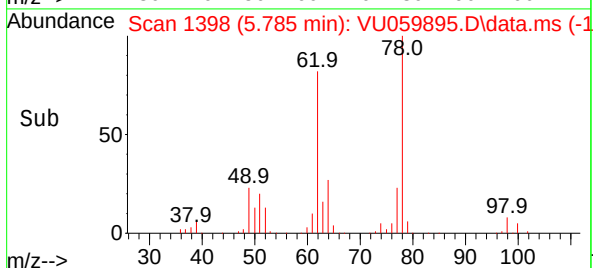
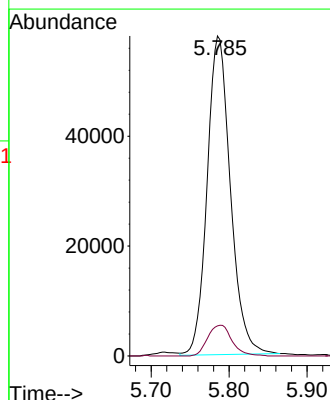
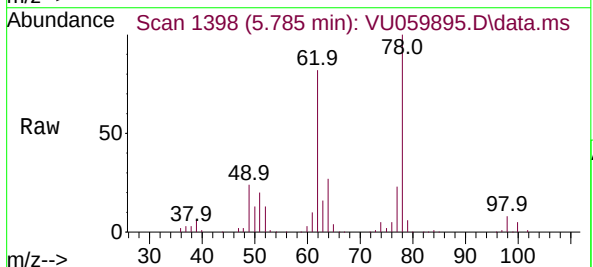
Instrument :
MSVOA_U
ClientSampleId :

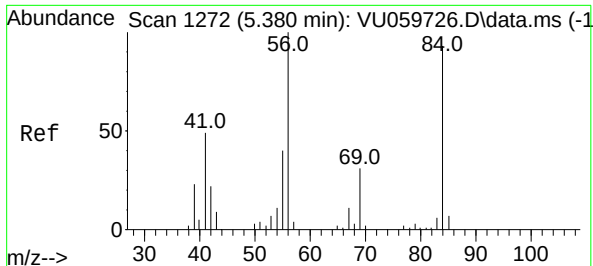
Tgt Ion: 83 Resp: 165894
Ion Ratio Lower Upper
83 100
85 63.5 46.7 86.7



#27
1,2-Dichloroethane
Concen: 51.729 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VU059895.D
Acq: 11 Jul 2024 08:27

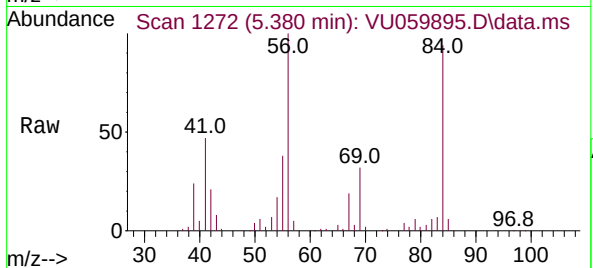
Tgt Ion: 62 Resp: 120579
Ion Ratio Lower Upper
62 100
98 9.4 7.8 11.8





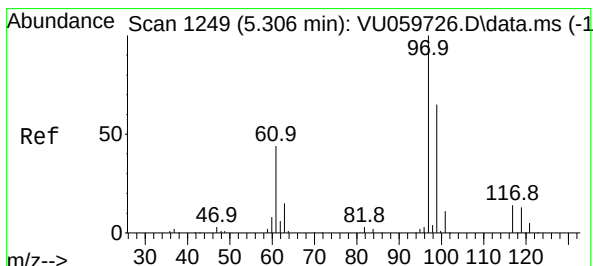
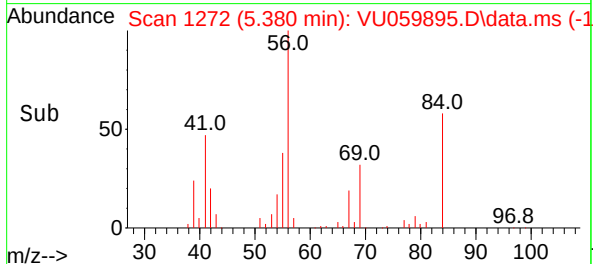
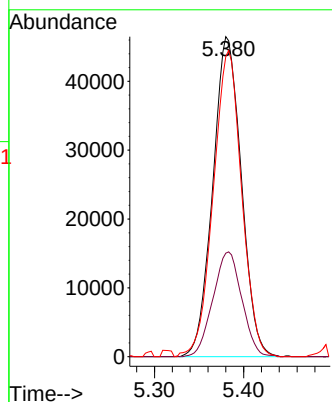
#29
Cyclohexane
Concen: 45.950 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU059895.D
Acq: 11 Jul 2024 08:27

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 56 Resp: 103429

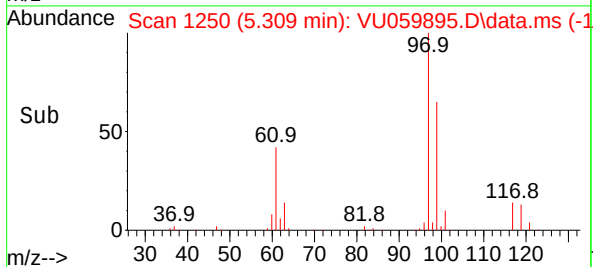
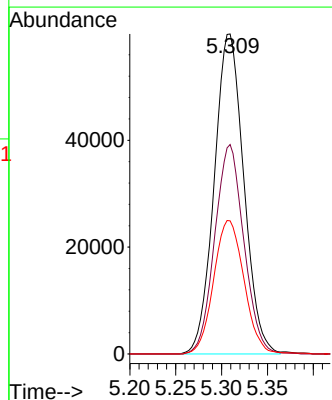
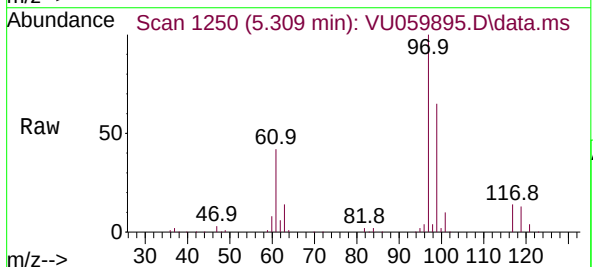
Ion	Ratio	Lower	Upper
56	100		
69	33.2	26.0	39.0
84	95.0	75.5	113.3

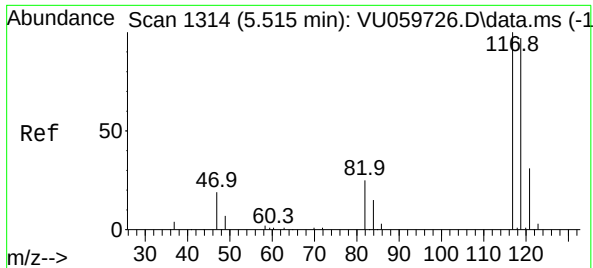


#30
1,1,1-Trichloroethane
Concen: 51.625 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.003 min
Lab File: VU059895.D
Acq: 11 Jul 2024 08:27

Tgt Ion: 97 Resp: 134444

Ion	Ratio	Lower	Upper
97	100		
99	64.4	52.2	78.2
61	42.8	35.2	52.8

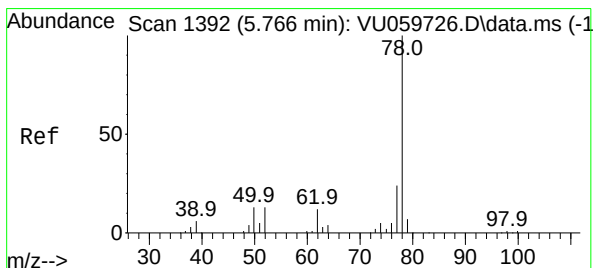
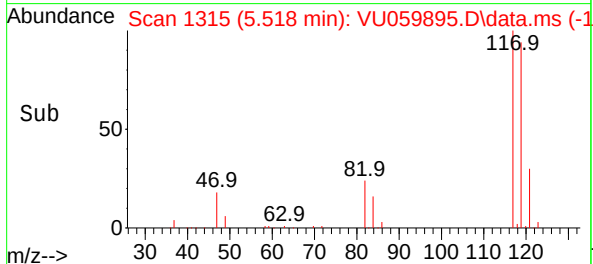
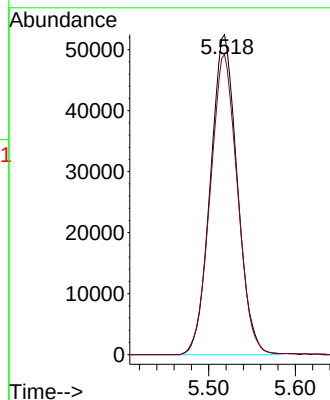
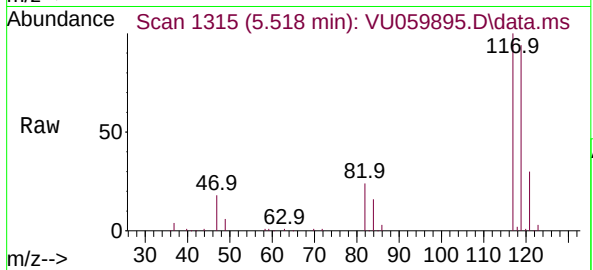




#31
Carbon tetrachloride
Concen: 52.425 ug/L
RT: 5.518 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU059895.D
Acq: 11 Jul 2024 08:27

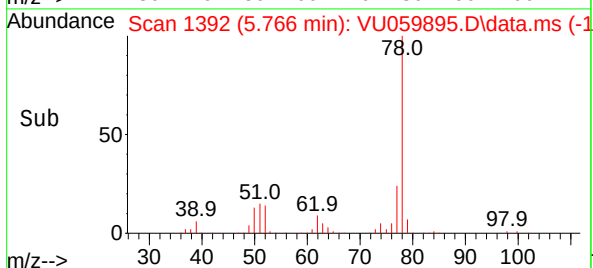
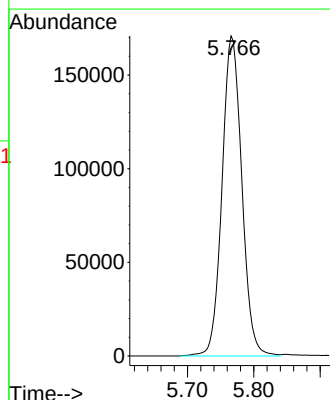
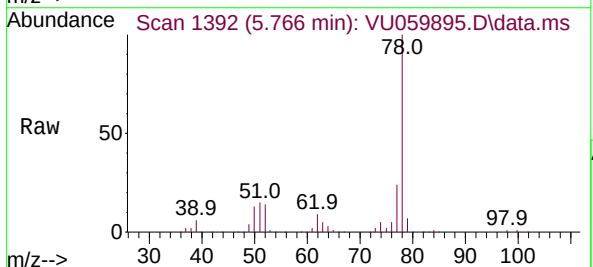
Instrument :
MSVOA_U
ClientSampleId :

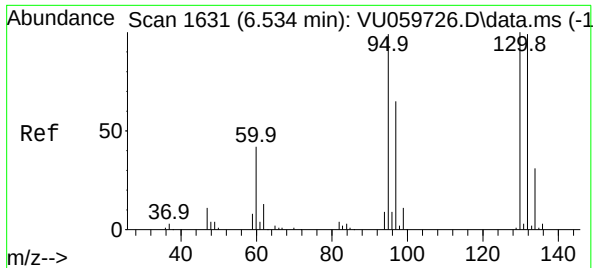
Tgt Ion:117 Resp: 112776
Ion Ratio Lower Upper
117 100
119 95.3 77.6 116.4



#33
Benzene
Concen: 52.126 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU059895.D
Acq: 11 Jul 2024 08:27

Tgt Ion: 78 Resp: 353849

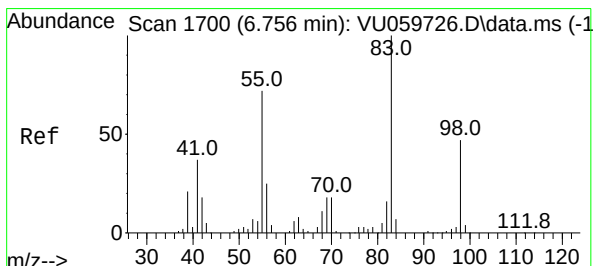
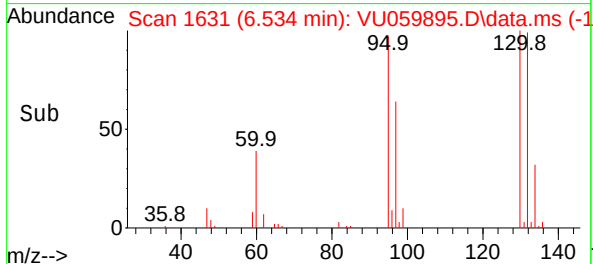
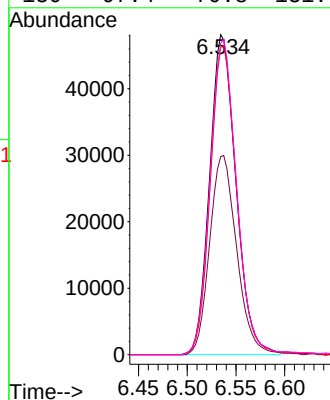
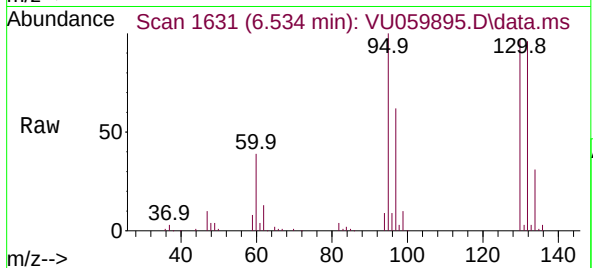




#34
Trichloroethene
Concen: 50.153 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU059895.D
Acq: 11 Jul 2024 08:27

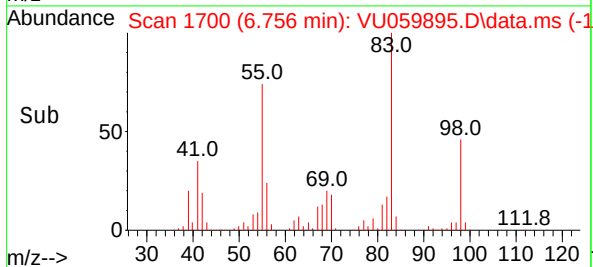
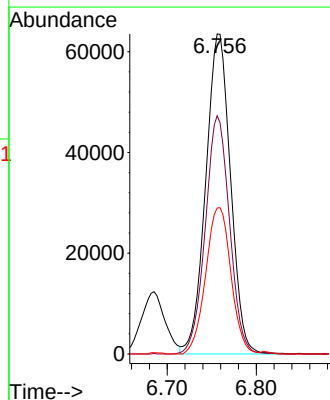
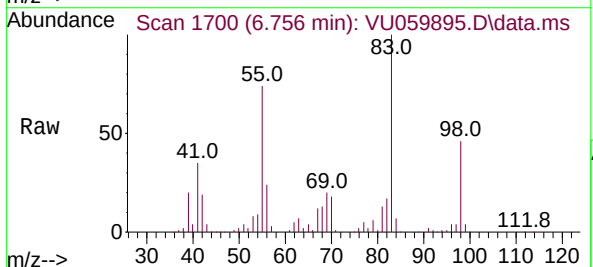
Instrument :
MSVOA_U
ClientSampleId :

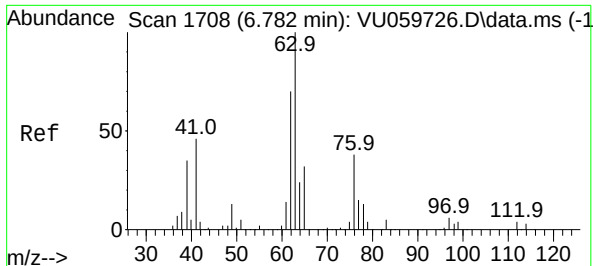
Tgt Ion: 95 Resp: 90853
Ion Ratio Lower Upper
95 100
97 61.9 45.8 85.2
132 96.0 69.8 129.6
130 97.4 70.8 131.6



#35
Methylcyclohexane
Concen: 49.094 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU059895.D
Acq: 11 Jul 2024 08:27

Tgt Ion: 83 Resp: 122824
Ion Ratio Lower Upper
83 100
55 72.8 56.8 85.2
98 46.5 36.5 54.7

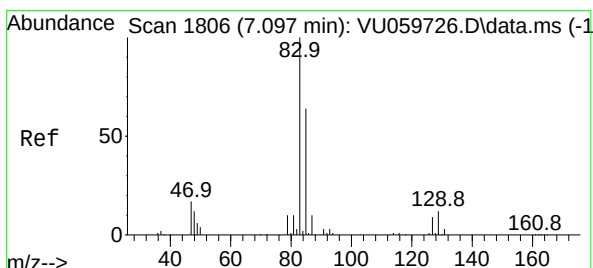
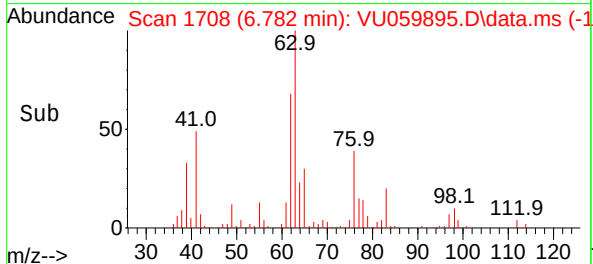
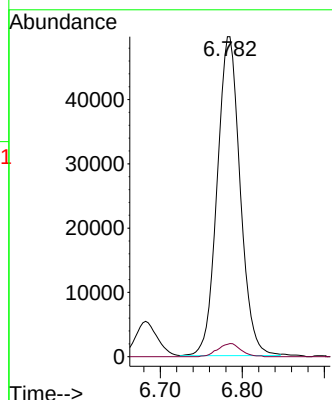
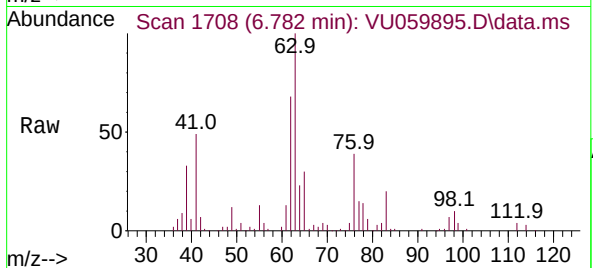




#37
1,2-Dichloropropane
Concen: 51.826 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU059895.D
Acq: 11 Jul 2024 08:27

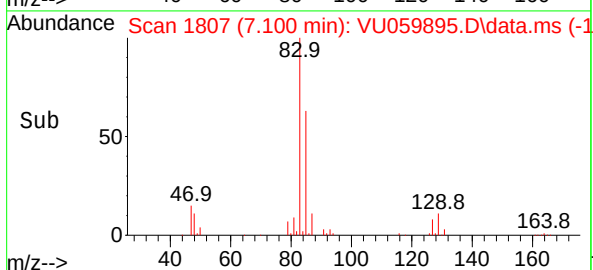
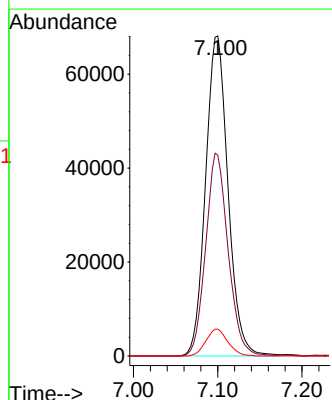
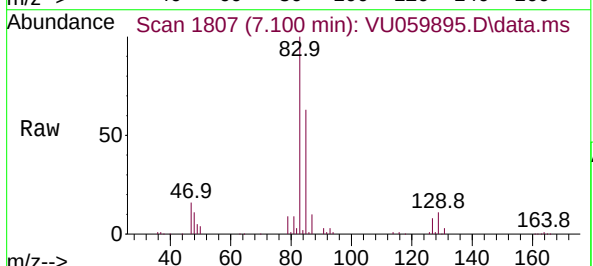
Instrument :
MSVOA_U
ClientSampleId :

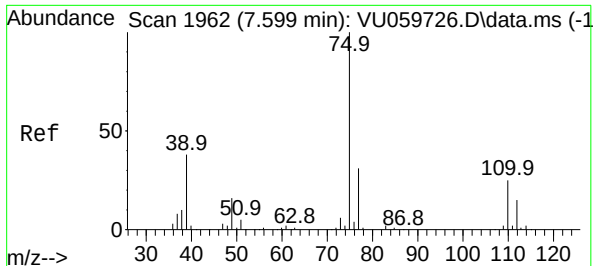
Tgt Ion: 63 Resp: 96836
Ion Ratio Lower Upper
63 100
112 4.1 3.0 4.6



#38
Bromodichloromethane
Concen: 53.343 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU059895.D
Acq: 11 Jul 2024 08:27

Tgt Ion: 83 Resp: 126289
Ion Ratio Lower Upper
83 100
85 62.8 45.0 83.6
127 8.4 7.4 11.2

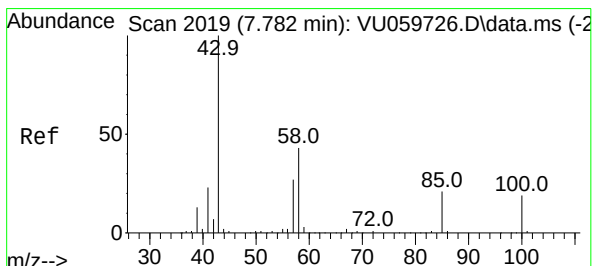
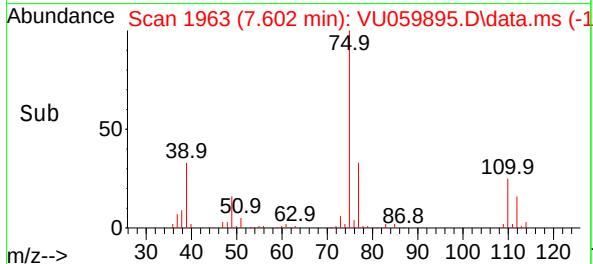
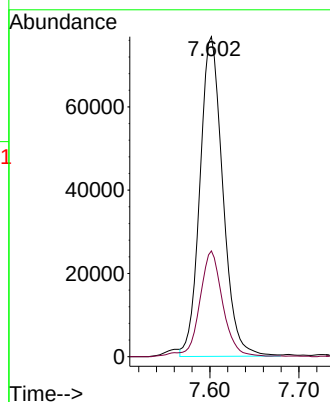
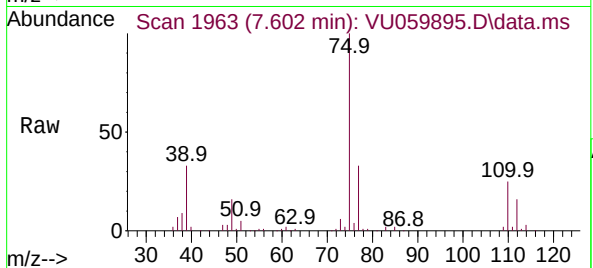




#39
 cis-1,3-Dichloropropene
 Concen: 47.937 ug/L
 RT: 7.602 min Scan# 1962
 Delta R.T. 0.003 min
 Lab File: VU059895.D
 Acq: 11 Jul 2024 08:27

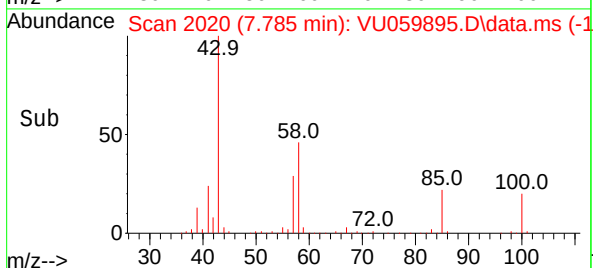
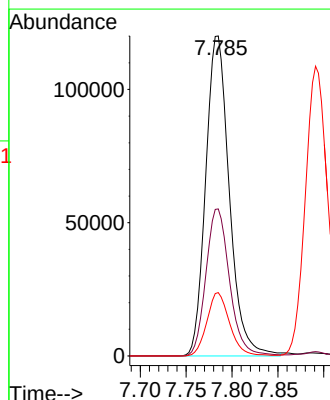
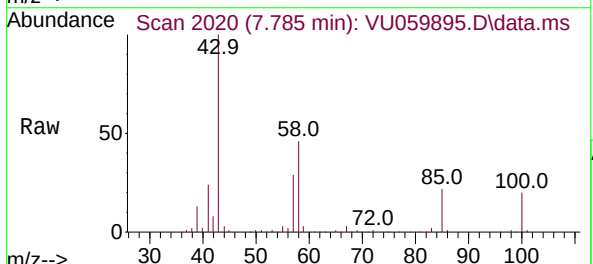
Instrument :
 MSVOA_U
 ClientSampleId :

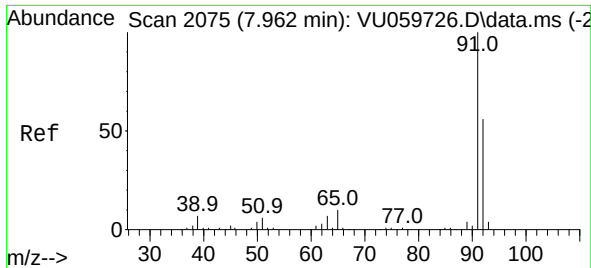
Tgt Ion: 75 Resp: 137039
 Ion Ratio Lower Upper
 75 100
 77 33.1 21.6 40.2



#40
 4-Methyl-2-pentanone
 Concen: 91.178 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.003 min
 Lab File: VU059895.D
 Acq: 11 Jul 2024 08:27

Tgt Ion: 43 Resp: 215324
 Ion Ratio Lower Upper
 43 100
 58 46.0 35.3 52.9
 100 19.1 14.6 22.0





#42

Toluene

Concen: 51.588 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU059895.D

Acq: 11 Jul 2024 08:27

Instrument :

MSVOA_U

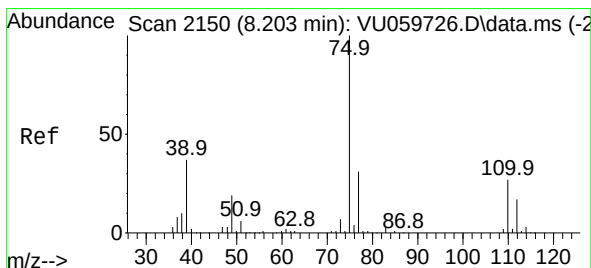
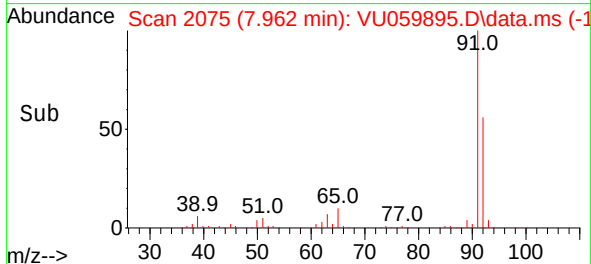
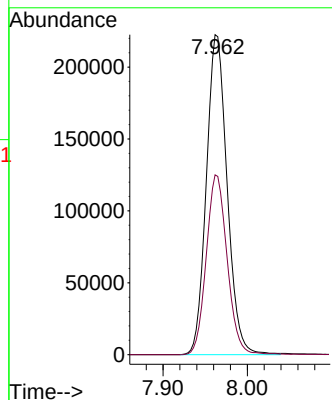
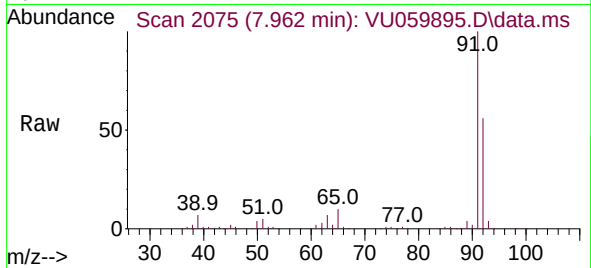
ClientSampleId :

Tgt Ion: 91 Resp: 382306

Ion Ratio Lower Upper

91 100

92 56.2 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 50.251 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU059895.D

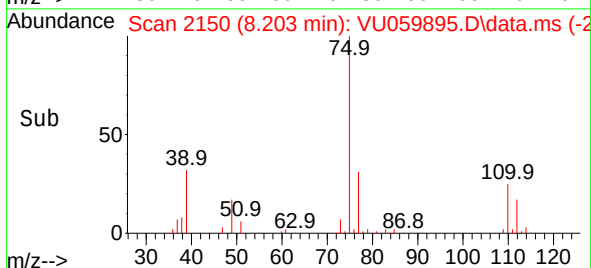
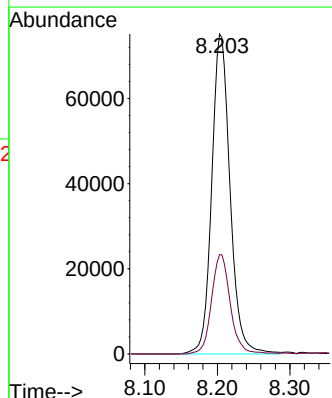
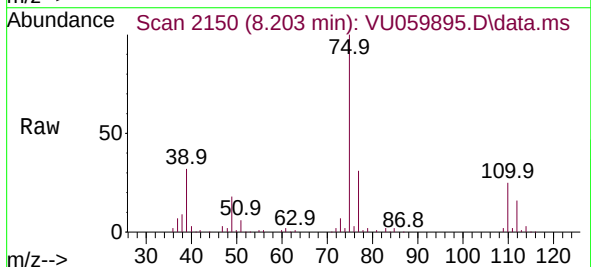
Acq: 11 Jul 2024 08:27

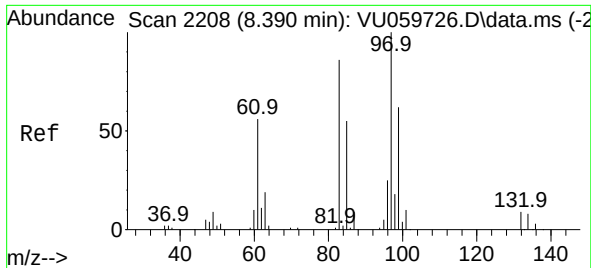
Tgt Ion: 75 Resp: 131956

Ion Ratio Lower Upper

75 100

77 31.0 21.7 40.3

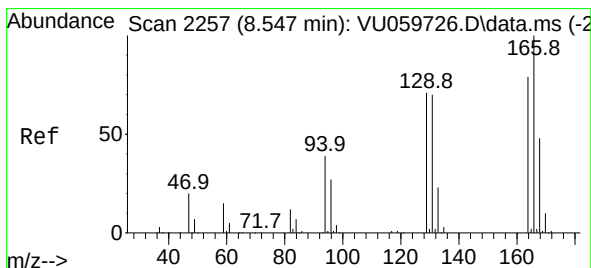
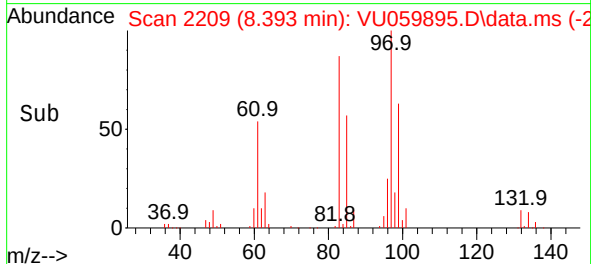
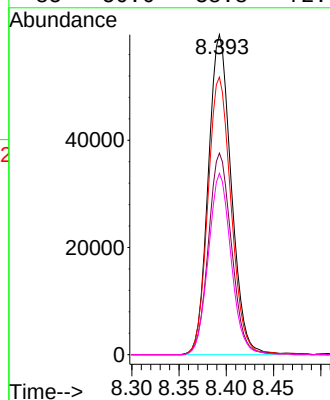
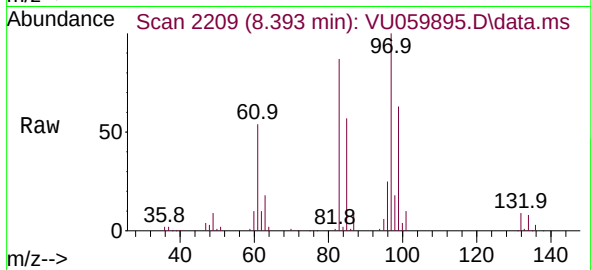




#45
1,1,2-Trichloroethane
Concen: 51.633 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VU059895.D
Acq: 11 Jul 2024 08:27

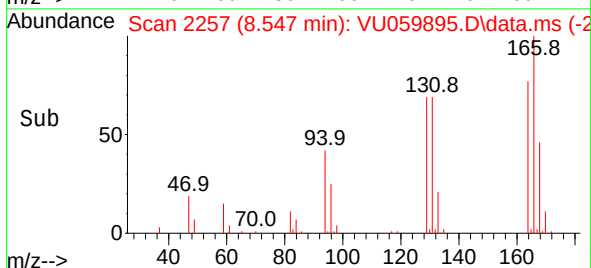
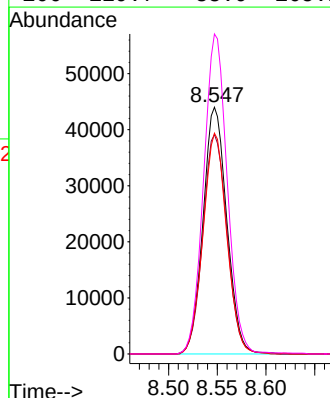
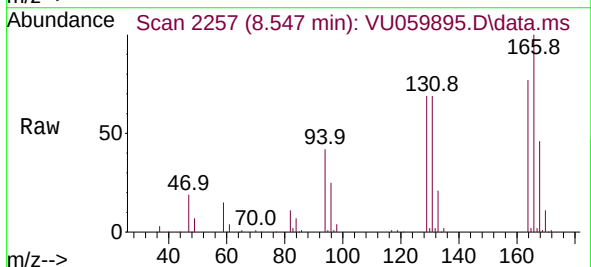
Instrument :
MSVOA_U
ClientSampleId :

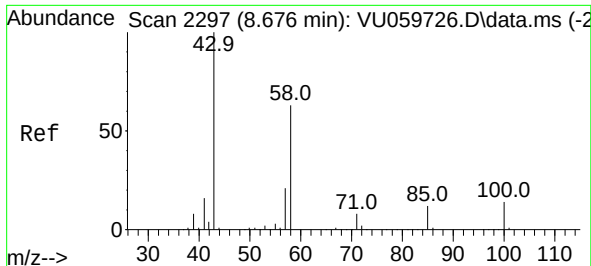
Tgt Ion:	97	Resp:	101036
Ion	Ratio	Lower	Upper
97	100		
99	63.0	43.1	80.1
83	86.7	60.4	112.2
85	56.6	38.8	72.0



#46
Tetrachloroethene
Concen: 50.216 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU059895.D
Acq: 11 Jul 2024 08:27

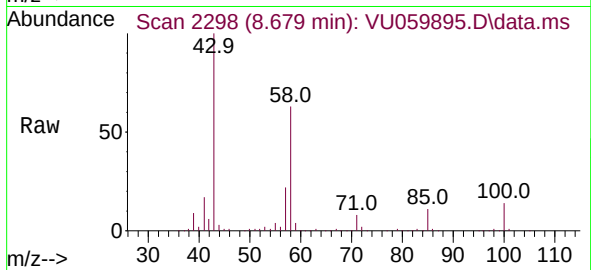
Tgt Ion:	164	Resp:	74833
Ion	Ratio	Lower	Upper
164	100		
129	89.0	62.7	116.5
131	89.5	62.3	115.7
166	129.7	88.9	165.1



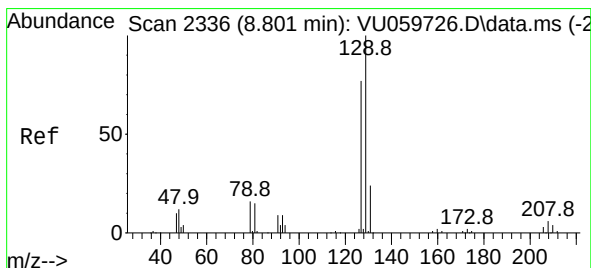
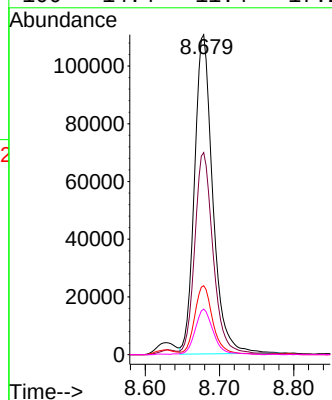
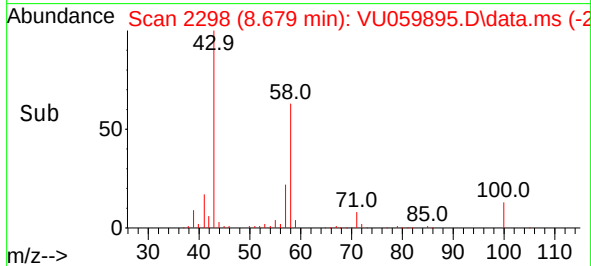


#48
2-Hexanone
Concen: 95.965 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU059895.D
Acq: 11 Jul 2024 08:27

Instrument :
MSVOA_U
ClientSampleId :

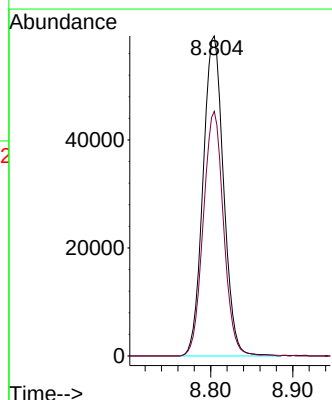
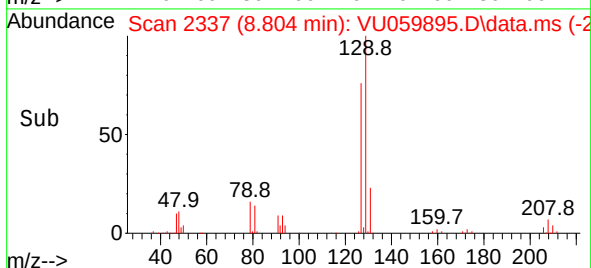
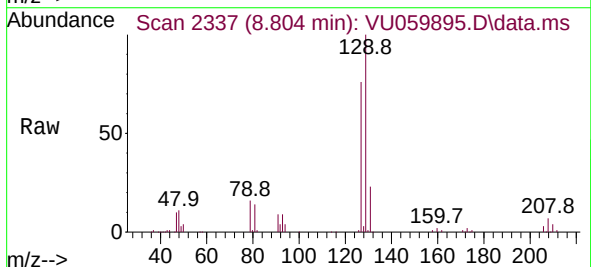


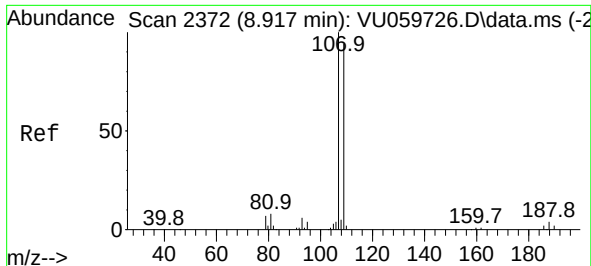
Tgt Ion: 43 Resp: 189671
Ion Ratio Lower Upper
43 100
58 62.7 49.0 73.6
57 20.8 16.7 25.1
100 14.4 11.4 17.2



#49
Dibromochloromethane
Concen: 53.257 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU059895.D
Acq: 11 Jul 2024 08:27

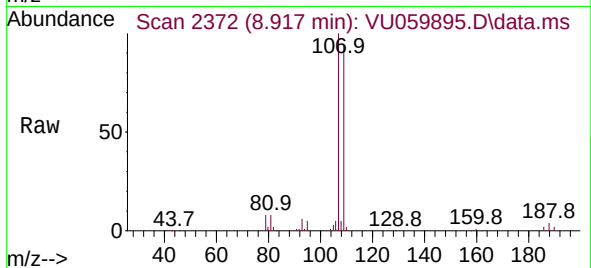
Tgt Ion: 129 Resp: 102681
Ion Ratio Lower Upper
129 100
127 76.5 54.0 100.2



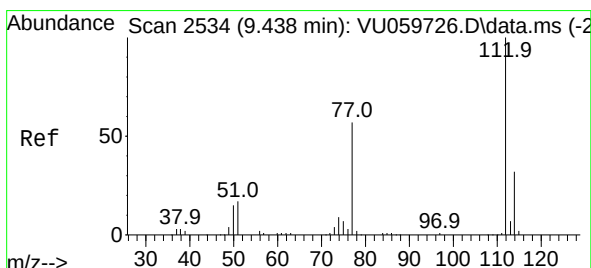
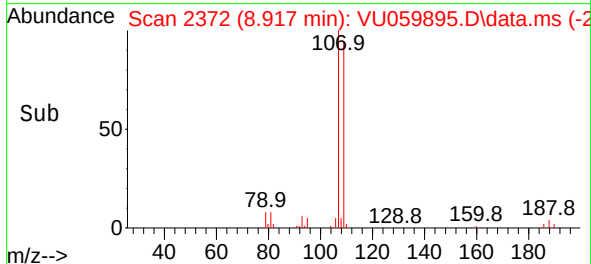
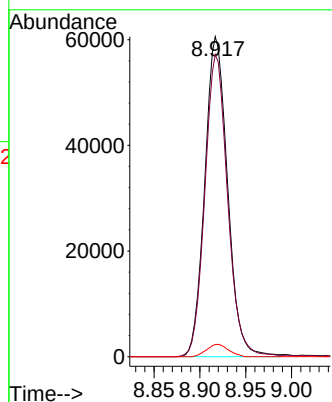


#50
1,2-Dibromoethane
Concen: 51.172 ug/L
RT: 8.917 min Scan# 24
Delta R.T. -0.000 min
Lab File: VU059895.D
Acq: 11 Jul 2024 08:27

Instrument :
MSVOA_U
ClientSampleId :

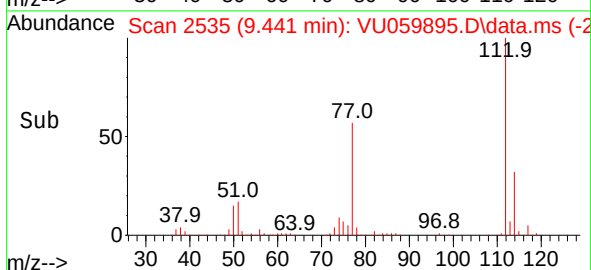
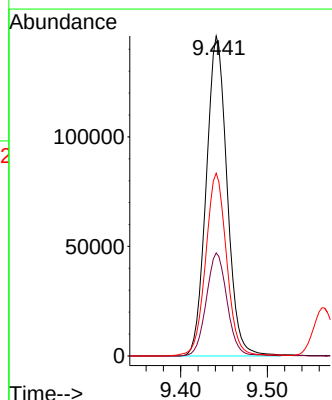
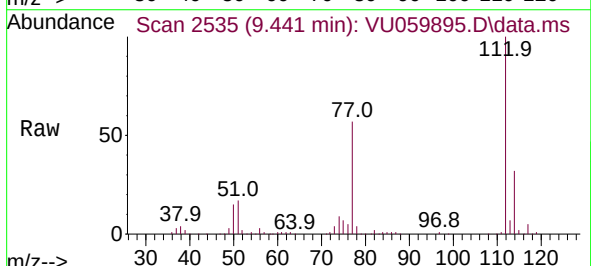


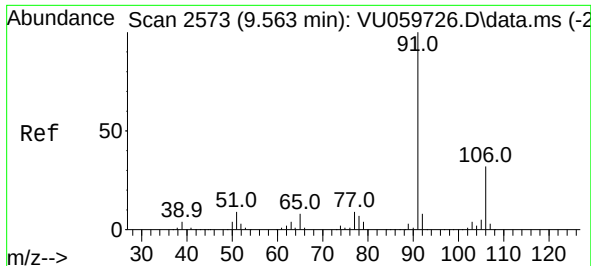
Tgt Ion:107 Resp: 104696
Ion Ratio Lower Upper
107 100
109 94.5 65.5 121.6
188 3.8 3.0 4.4



#51
Chlorobenzene
Concen: 49.753 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU059895.D
Acq: 11 Jul 2024 08:27

Tgt Ion:112 Resp: 244775
Ion Ratio Lower Upper
112 100
114 32.2 22.7 42.3
77 57.1 45.8 68.6





#52

Ethylbenzene

Concen: 48.710 ug/L

RT: 9.566 min Scan# 2573

Delta R.T. 0.003 min

Lab File: VU059895.D

Acq: 11 Jul 2024 08:27

Instrument :

MSVOA_U

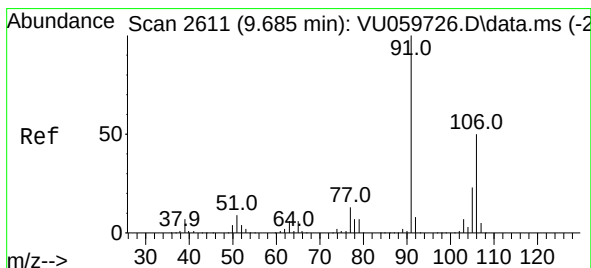
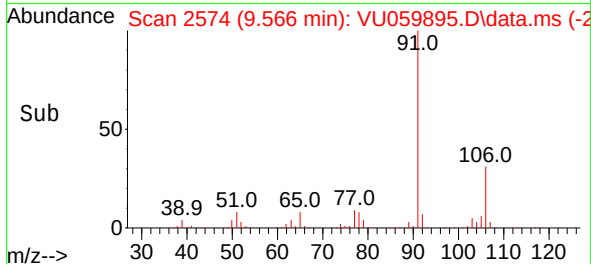
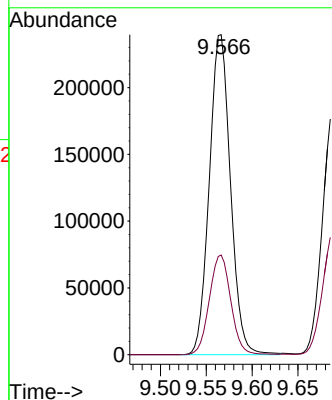
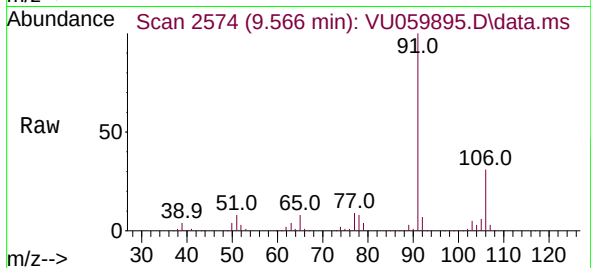
ClientSampleId :

Tgt Ion: 91 Resp: 385488

Ion Ratio Lower Upper

91 100

106 31.2 22.4 41.6



#53

m,p-Xylene

Concen: 49.562 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. 0.003 min

Lab File: VU059895.D

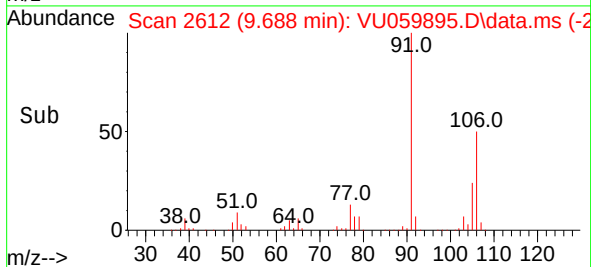
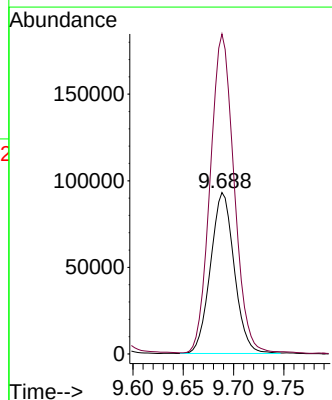
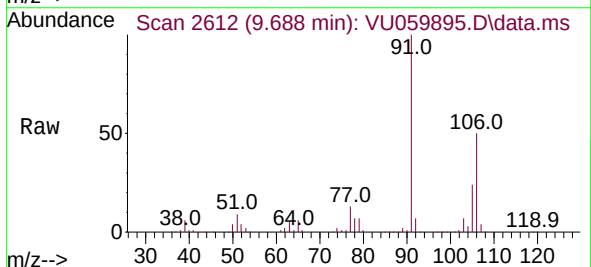
Acq: 11 Jul 2024 08:27

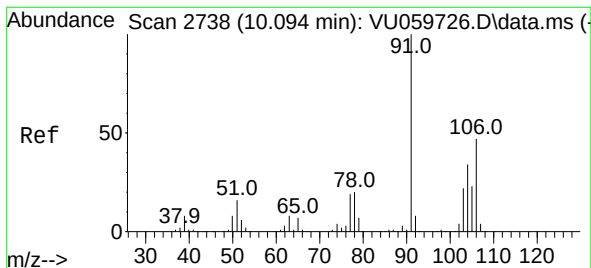
Tgt Ion:106 Resp: 152719

Ion Ratio Lower Upper

106 100

91 198.3 140.9 261.7





#54

o-Xylene

Concen: 49.749 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. -0.000 min

Lab File: VU059895.D

Acq: 11 Jul 2024 08:27

Instrument :

MSVOA_U

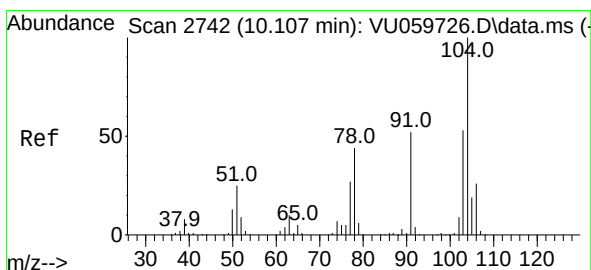
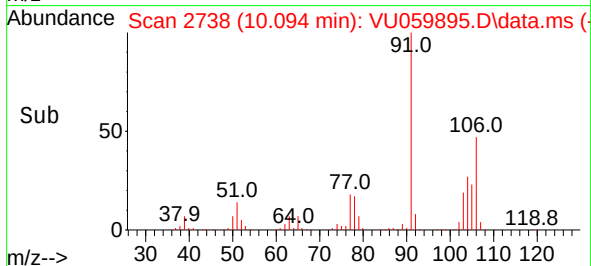
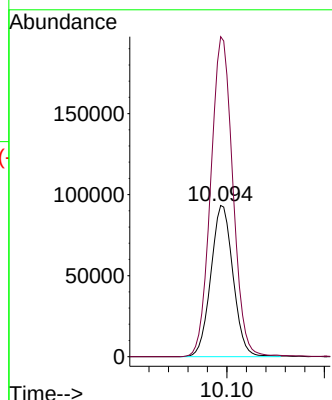
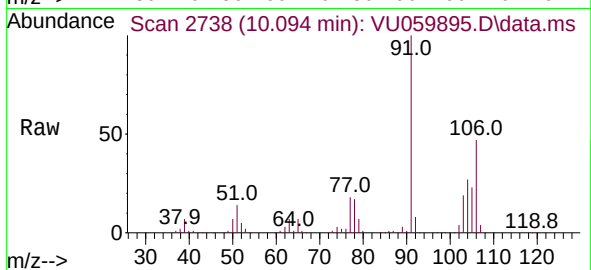
ClientSampleId :

Tgt Ion:106 Resp: 147410

Ion Ratio Lower Upper

106 100

91 211.6 147.4 273.8



#55

Styrene

Concen: 52.889 ug/L

RT: 10.110 min Scan# 2743

Delta R.T. 0.003 min

Lab File: VU059895.D

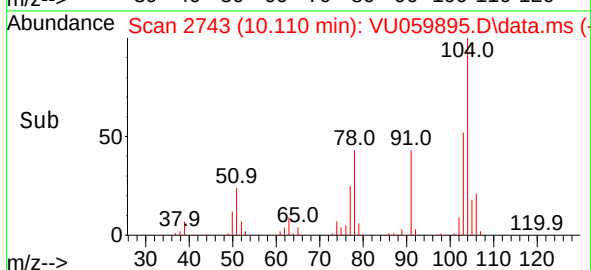
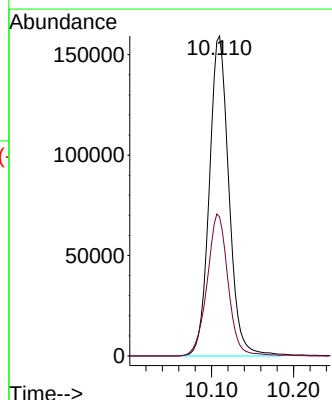
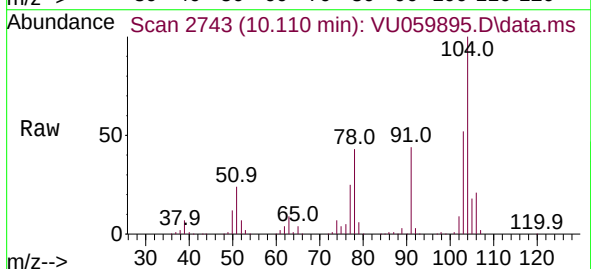
Acq: 11 Jul 2024 08:27

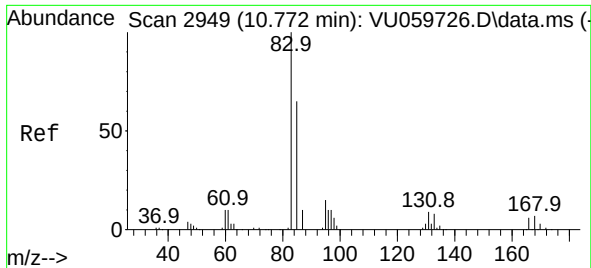
Tgt Ion:104 Resp: 264390

Ion Ratio Lower Upper

104 100

78 43.5 30.9 57.5





#57

1,1,2,2-Tetrachloroethane

Concen: 52.094 ug/L

RT: 10.775 min Scan# 2949

Delta R.T. 0.003 min

Lab File: VU059895.D

Acq: 11 Jul 2024 08:27

Instrument :

MSVOA_U

ClientSampleId :

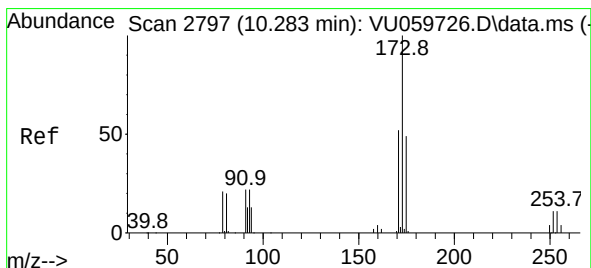
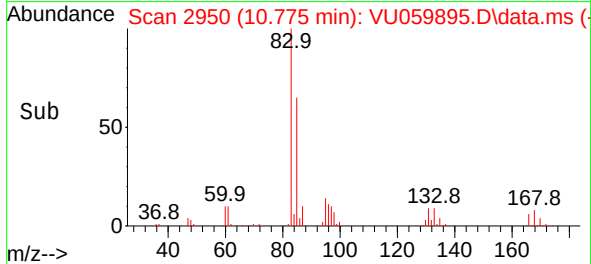
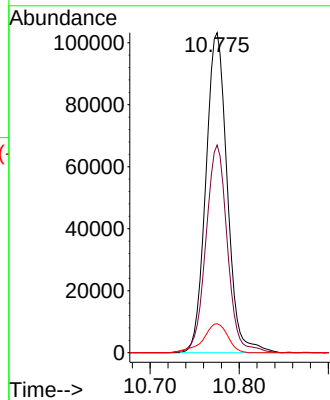
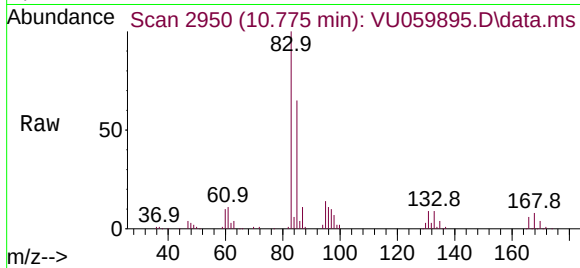
Tgt Ion: 83 Resp: 171908

Ion Ratio Lower Upper

83 100

85 64.9 45.4 84.2

131 9.1 7.5 11.3



#59

Bromoform

Concen: 51.450 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VU059895.D

Acq: 11 Jul 2024 08:27

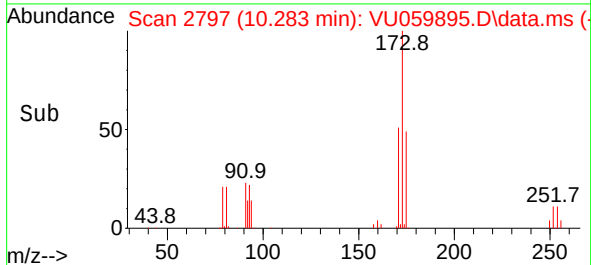
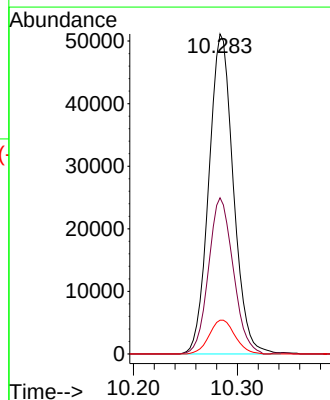
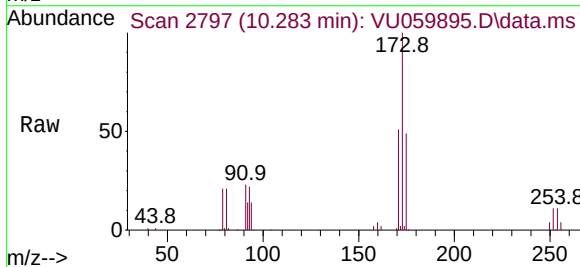
Tgt Ion:173 Resp: 83901

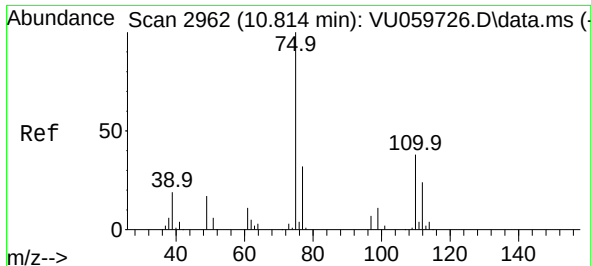
Ion Ratio Lower Upper

173 100

175 49.1 39.4 59.2

254 11.1 9.0 13.4





#60

1,2,3-Trichloropropane

Concen: 48.935 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.000 min

Lab File: VU059895.D

Acq: 11 Jul 2024 08:27

Instrument :

MSVOA_U

ClientSampleId :

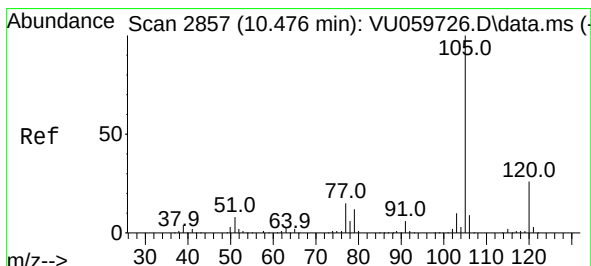
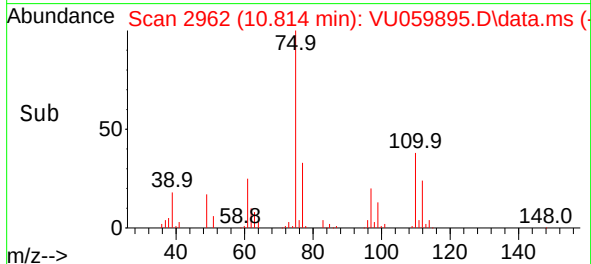
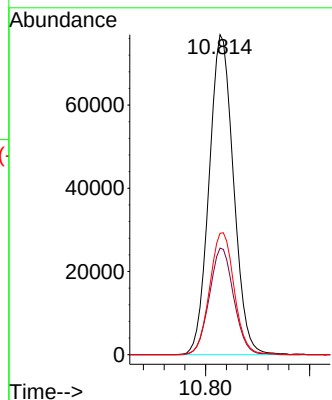
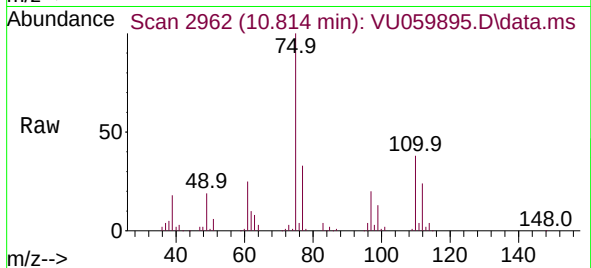
Tgt Ion: 75 Resp: 125252

Ion Ratio Lower Upper

75 100

77 33.5 25.5 38.3

110 38.4 30.7 46.1



#61

Isopropylbenzene

Concen: 48.828 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. 0.003 min

Lab File: VU059895.D

Acq: 11 Jul 2024 08:27

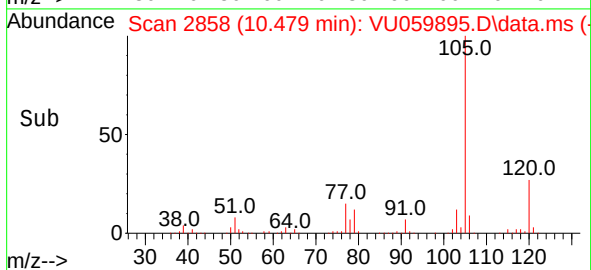
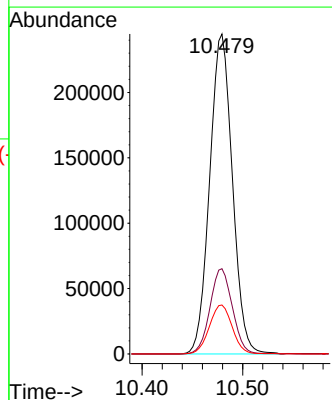
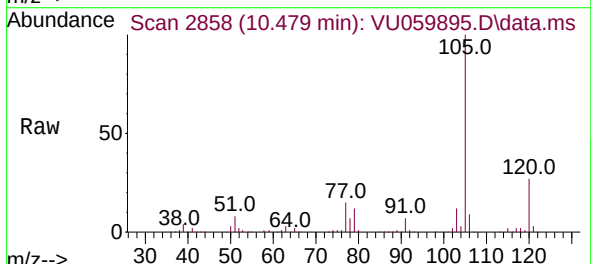
Tgt Ion:105 Resp: 383868

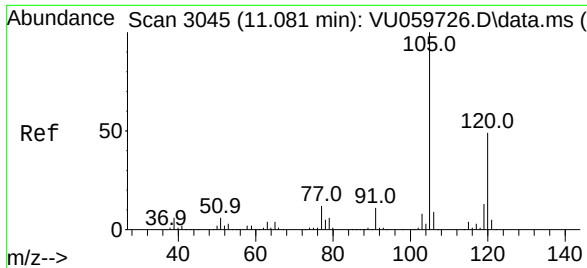
Ion Ratio Lower Upper

105 100

120 26.3 20.9 31.3

77 15.5 12.1 18.1





#62

1,3,5-Trimethylbenzene

Concen: 47.130 ug/L

RT: 11.084 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU059895.D

Acq: 11 Jul 2024 08:27

Instrument :

MSVOA_U

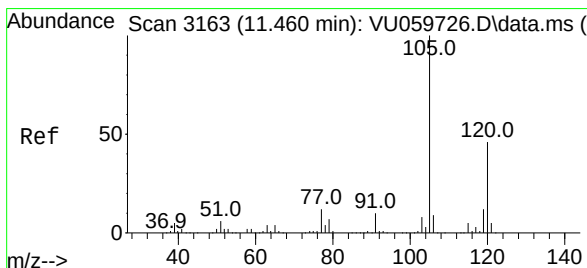
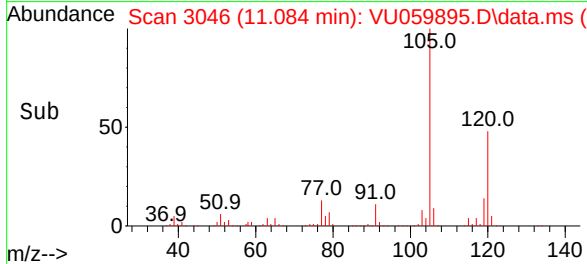
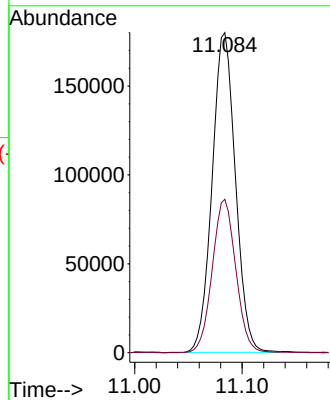
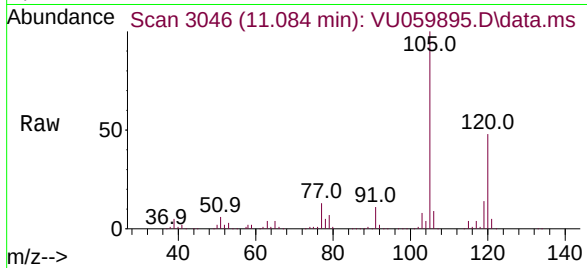
ClientSampleId :

Tgt Ion:105 Resp: 271243

Ion Ratio Lower Upper

105 100

120 48.5 39.5 59.3



#63

1,2,4-Trimethylbenzene

Concen: 47.750 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU059895.D

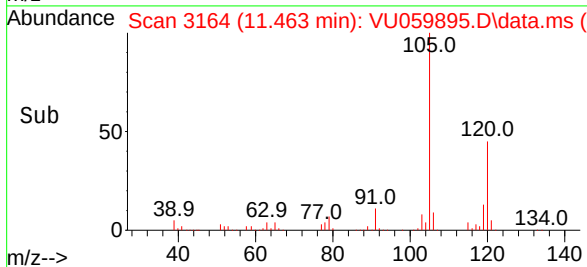
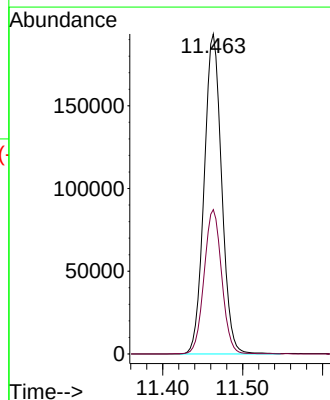
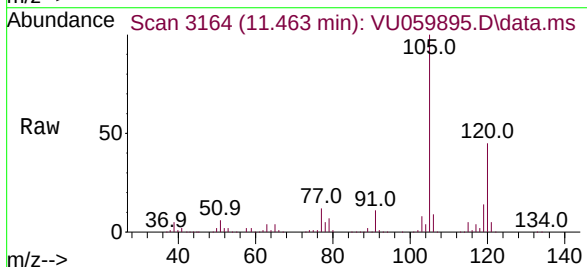
Acq: 11 Jul 2024 08:27

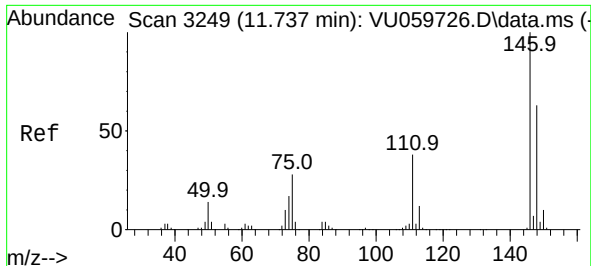
Tgt Ion:105 Resp: 294360

Ion Ratio Lower Upper

105 100

120 45.3 37.0 55.6





#64

1,3-Dichlorobenzene

Concen: 49.378 ug/L

RT: 11.740 min Scan# 3249

Delta R.T. 0.003 min

Lab File: VU059895.D

Acq: 11 Jul 2024 08:27

Instrument :

MSVOA_U

ClientSampleId :

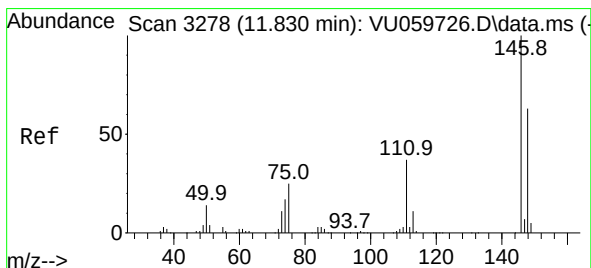
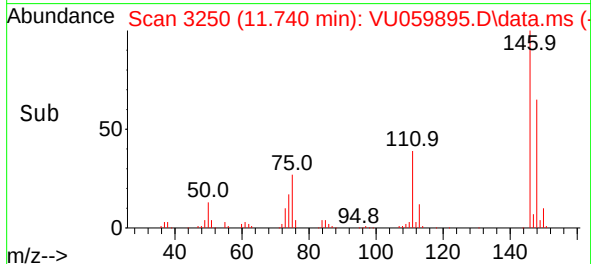
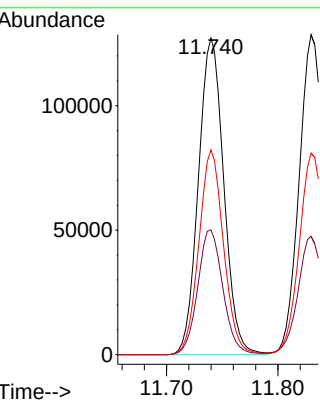
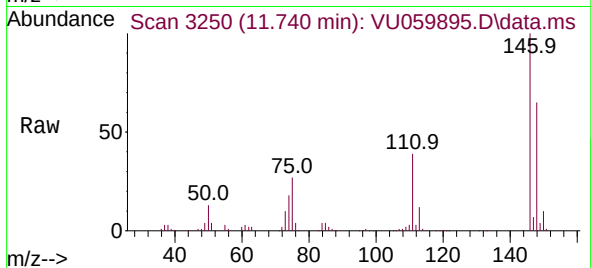
Tgt Ion:146 Resp: 201323

Ion Ratio Lower Upper

146 100

111 39.4 26.5 49.1

148 64.7 43.8 81.3



#65

1,4-Dichlorobenzene

Concen: 48.614 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU059895.D

Acq: 11 Jul 2024 08:27

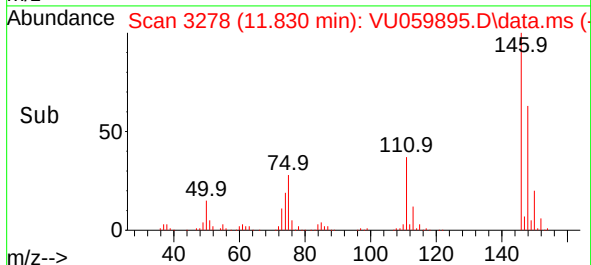
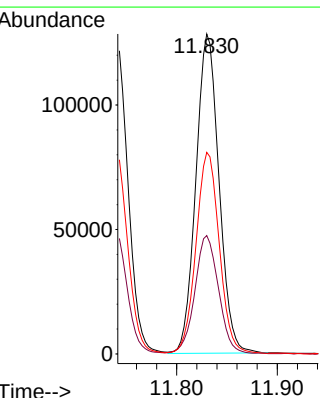
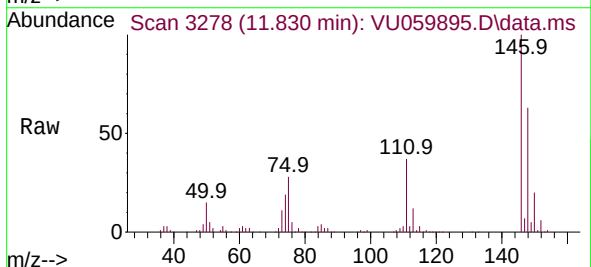
Tgt Ion:146 Resp: 204898

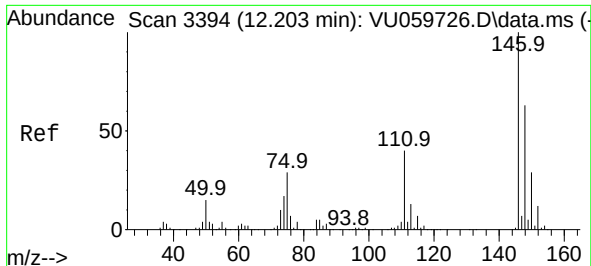
Ion Ratio Lower Upper

146 100

111 37.0 25.9 48.1

148 63.0 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 49.489 ug/L

RT: 12.206 min Scan# 3394

Delta R.T. 0.003 min

Lab File: VU059895.D

Acq: 11 Jul 2024 08:27

Instrument :

MSVOA_U

ClientSampleId :

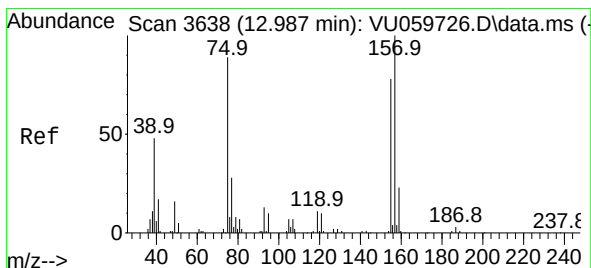
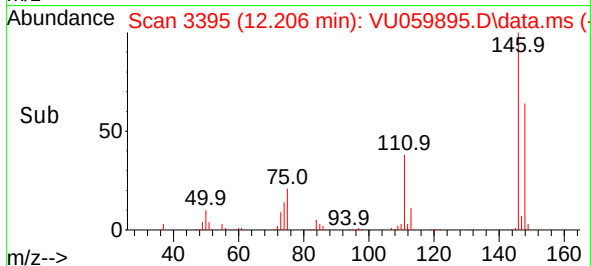
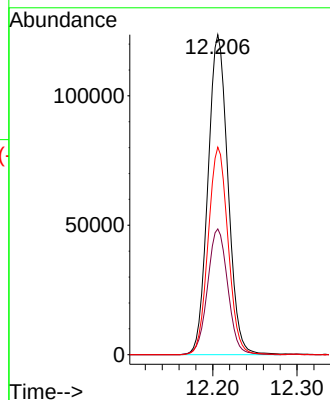
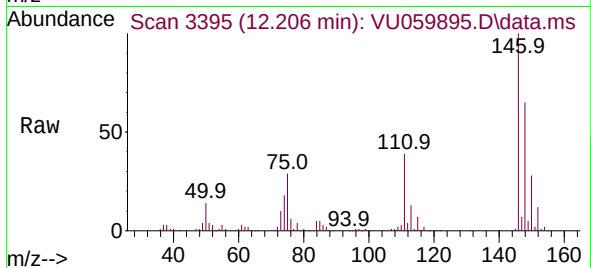
Tgt Ion:146 Resp: 203831

Ion Ratio Lower Upper

146 100

111 39.3 31.7 47.5

148 64.9 50.8 76.2



#68

1,2-Dibromo-3-chloropropane

Concen: 46.074 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU059895.D

Acq: 11 Jul 2024 08:27

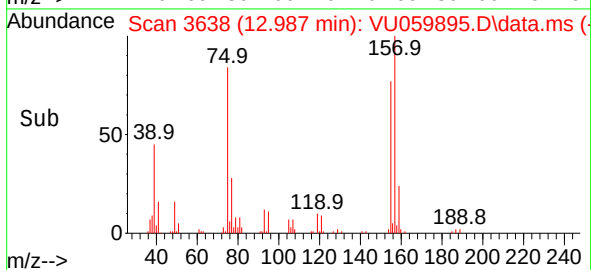
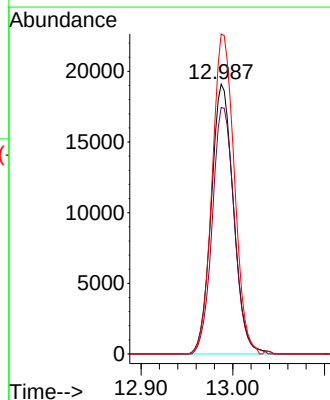
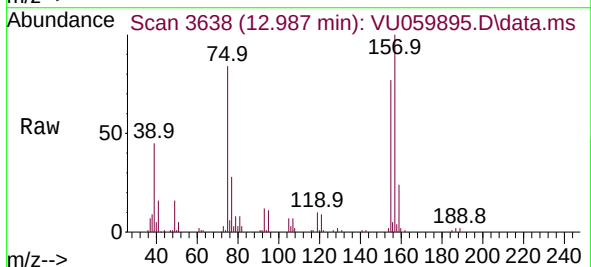
Tgt Ion: 75 Resp: 32251

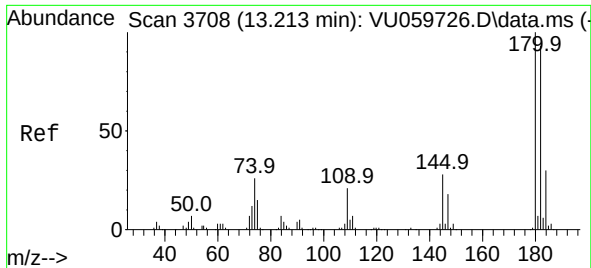
Ion Ratio Lower Upper

75 100

155 97.1 73.5 110.3

157 123.1 93.5 140.3





#69

1,3,5-Trichlorobenzene

Concen: 48.237 ug/L

RT: 13.212 min Scan# 3

Delta R.T. -0.000 min

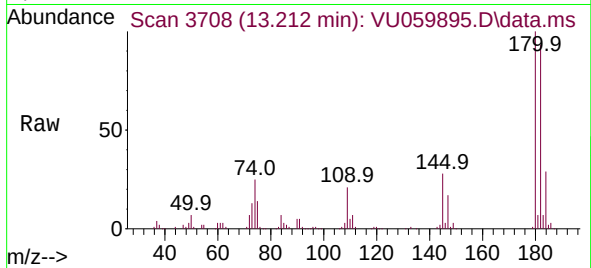
Lab File: VU059895.D

Acq: 11 Jul 2024 08:27

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 141797

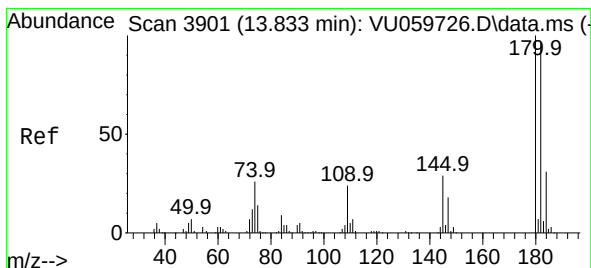
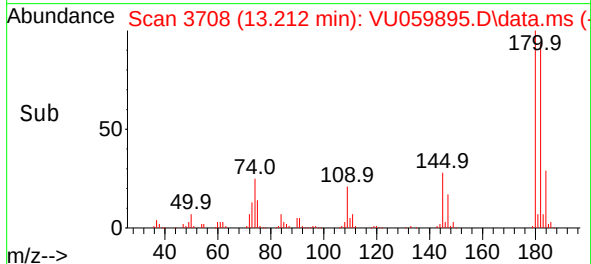
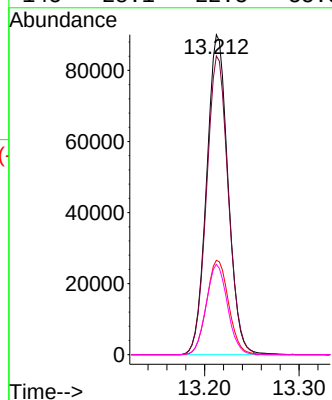
Ion Ratio Lower Upper

180 100

182 94.4 75.8 113.8

184 30.4 24.7 37.1

145 28.1 22.3 33.5



#70

1,2,4-trichlorobenzene

Concen: 44.499 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU059895.D

Acq: 11 Jul 2024 08:27

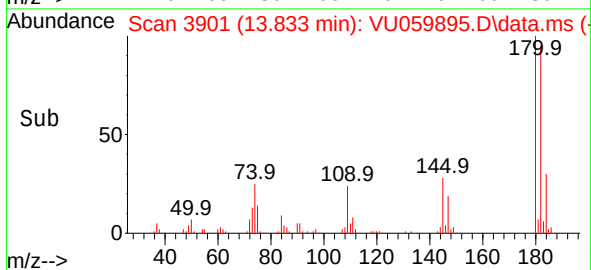
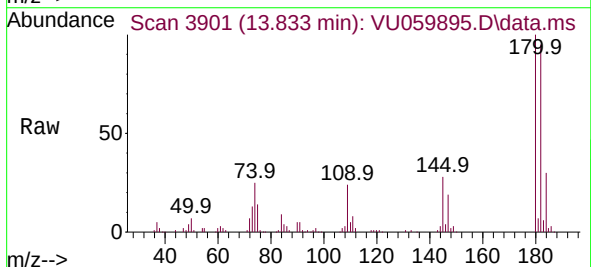
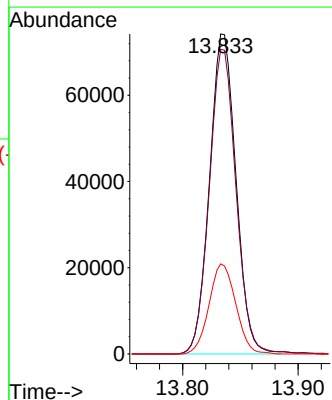
Tgt Ion:180 Resp: 117900

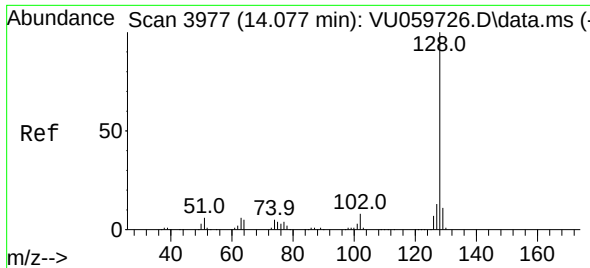
Ion Ratio Lower Upper

180 100

182 96.5 76.4 114.6

145 28.5 23.0 34.4

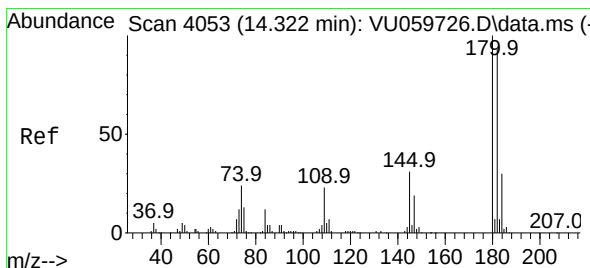
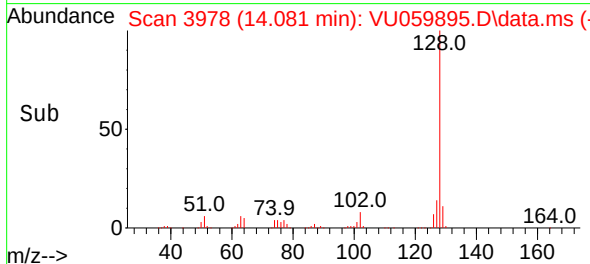
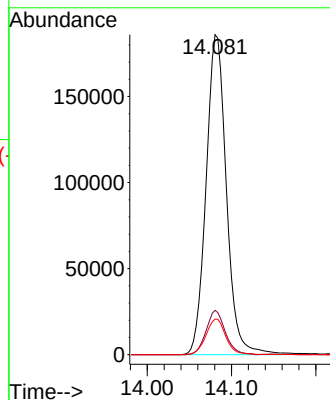
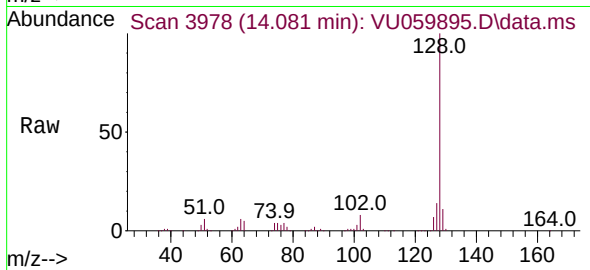




#71
Naphthalene
Concen: 40.696 ug/L
RT: 14.081 min Scan# 3977
Delta R.T. 0.003 min
Lab File: VU059895.D
Acq: 11 Jul 2024 08:27

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 311597
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 48.008 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU059895.D
Acq: 11 Jul 2024 08:27

Tgt Ion:180 Resp: 127618
Ion Ratio Lower Upper
180 100
182 94.5 75.8 113.8
145 30.1 24.5 36.7

