

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
 Data File : VU061859.D
 Acq On : 20 Nov 2024 10:56
 Operator : MD/SY
 Sample : VSTD0.5
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 00:30:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 00:29:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	167935	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	187875	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	70338	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	3973	0.356	ug/L	0.00
7) Chloroethane-d5	1.888	69	3529	0.409	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.554	65	1704	0.347	ug/L	0.00
20) 2-Butanone-d5	4.640	46	10536	3.759	ug/L	0.03
24) Chloroform-d	5.055	84	9181	0.440	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	4805	0.440	ug/L	0.00
32) Benzene-d6	5.721	84	15270	0.322	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	5432	0.345	ug/L	0.00
41) Toluene-d8	7.894	98	12607	0.289	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.180	79	1968	0.299	ug/L	0.00
46) 2-Hexanone-d5	8.634	63	7637	2.797	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.749	84	5015	0.402	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	5994	0.558	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	6987	0.747	ug/L	96
3) Chloromethane	1.515	50	8763	0.709	ug/L	97
5) Vinyl chloride	1.599	62	7485	0.600	ug/L	90
6) Bromomethane	1.827	94	4353	0.636	ug/L	95
8) Chloroethane	1.911	64	4219	0.558	ug/L	99
9) Trichlorofluoromethane	2.123	101	9261	0.581	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.566	101	5485	0.529	ug/L	99
12) 1,1-Dichloroethene	2.566	96	5464	0.549	ug/L	97
13) Acetone	2.621	43	8797	4.839	ug/L	100
14) Carbon disulfide	2.779	76	16825	0.508	ug/L	100
15) Methyl Acetate	2.952	43	2358	0.527	ug/L #	79
16) Methylene chloride	3.036	84	7874	0.692	ug/L	96
17) Methyl tert-butyl Ether	3.354	73	12469	0.451	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	5314	0.493	ug/L	90
19) 1,1-Dichloroethane	3.859	63	10854	0.518	ug/L	97
21) 2-Butanone	4.711	43	10720	3.626	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	5857	0.487	ug/L	98
23) Bromochloromethane	4.971	128	2444	0.494	ug/L	88
25) Chloroform	5.081	83	11359	0.534	ug/L	99
27) 1,2-Dichloroethane	5.795	62	7401	0.534	ug/L #	95
29) 1,1,1-Trichloroethane	5.309	97	9144	0.415	ug/L	95
30) Cyclohexane	5.377	56	9448	0.391	ug/L	99
31) Carbon tetrachloride	5.512	117	7355	0.396	ug/L	97
33) Benzene	5.769	78	23333	0.416	ug/L	100
34) Trichloroethene	6.541	95	6475	0.425	ug/L	94
35) Methylcyclohexane	6.750	83	9391	0.388	ug/L	98
37) 1,2-Dichloropropane	6.782	63	6018	0.410	ug/L #	89
38) Bromodichloromethane	7.097	83	7013	0.382	ug/L	95
39) cis-1,3-Dichloropropene	7.605	75	8019	0.356	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	32416	3.573	ug/L	100
42) Toluene	7.962	91	26727	0.446	ug/L	95
44) trans-1,3-Dichloropropene	8.209	75	6499	0.351	ug/L	90

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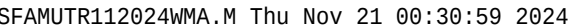
Quant Time: Nov 21 00:30:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 00:29:33 2024
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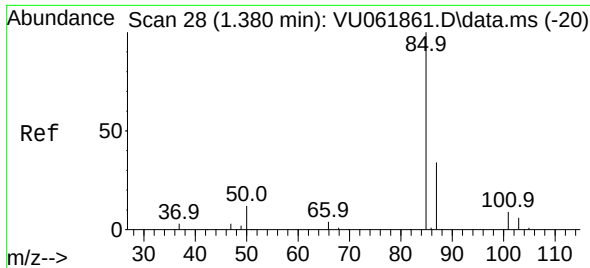
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.396	97	5222	0.521	ug/L	98
47) Tetrachloroethene	8.547	164	5240	0.522	ug/L	95
48) 2-Hexanone	8.682	43	24385	3.874	ug/L	98
49) Dibromochloromethane	8.801	129	4036	0.359	ug/L	84
50) 1,2-Dibromoethane	8.920	107	3972	0.425	ug/L #	89
51) Chlorobenzene	9.441	112	19434	0.533	ug/L	99
52) Ethylbenzene	9.563	91	27753	0.414	ug/L	98
53) m,p-Xylene	9.688	106	9659	0.393	ug/L	98
54) o-Xylene	10.097	106	9625	0.400	ug/L	88
55) Styrene	10.113	104	13893	0.356	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	5670	0.438	ug/L	100
59) Bromoform	10.286	173	2133	0.443	ug/L #	87
60) Isopropylbenzene	10.479	105	24998	0.519	ug/L	98
61) 1,2,3-Trichloropropane	10.820	75	3930	0.559	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	19720	0.472	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	19783	0.480	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	12283	0.595	ug/L	91
65) 1,4-Dichlorobenzene	11.833	146	12700	0.623	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	11865	0.647	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.994	75	685	0.480	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.219	180	8579	0.625	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	6976	0.663	ug/L	95
71) Naphthalene	14.093	128	14099	0.836	ug/L	95
72) 1,2,3-Trichlorobenzene	14.328	180	6568	0.748	ug/L	98

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

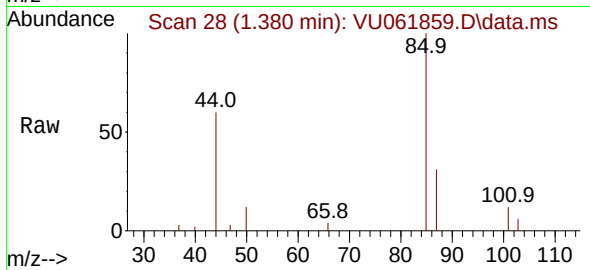
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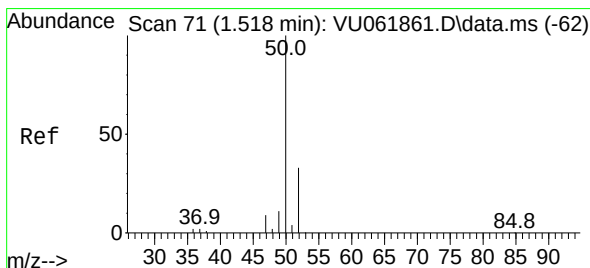
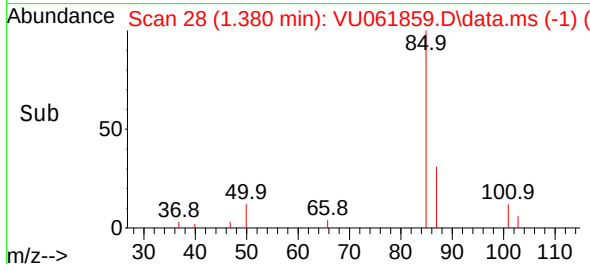
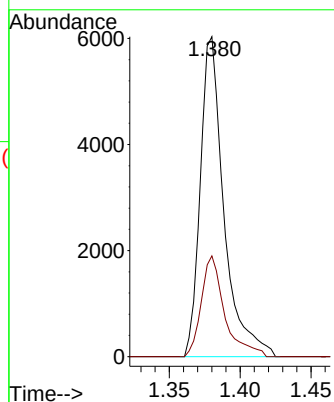


#2
Dichlorodifluoromethane
Concen: 0.747 ug/L
RT: 1.380 min Scan# 20
Delta R.T. -0.000 min
Lab File: VU061859.D
Acq: 20 Nov 2024 10:56

Instrument :
MSVOA_U
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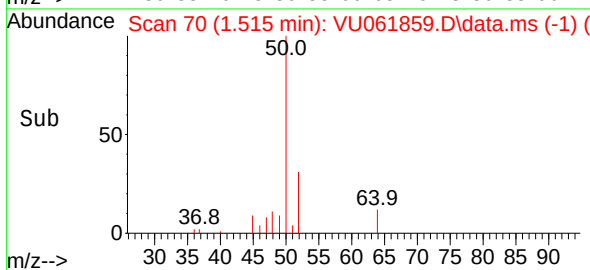
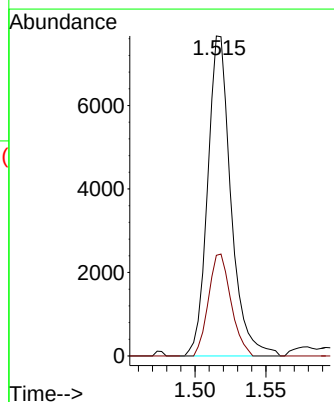
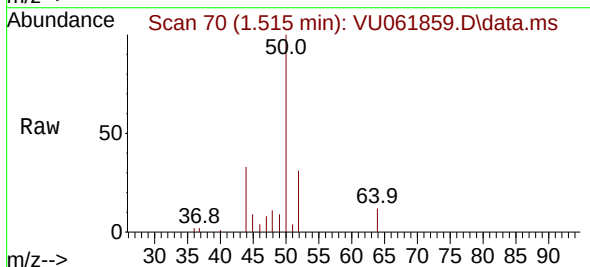


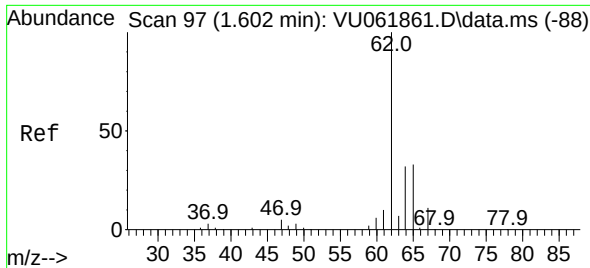
Tgt Ion: 85 Resp: 6987
Ion Ratio Lower Upper
85 100
87 31.2 26.6 40.0



#3
Chloromethane
Concen: 0.709 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU061859.D
Acq: 20 Nov 2024 10:56

Tgt Ion: 50 Resp: 8763
Ion Ratio Lower Upper
50 100
52 31.5 23.1 42.9

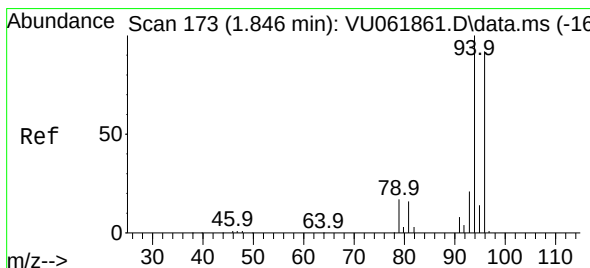
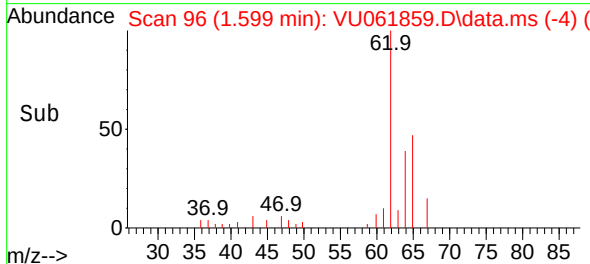
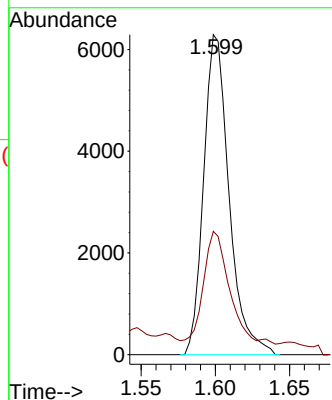
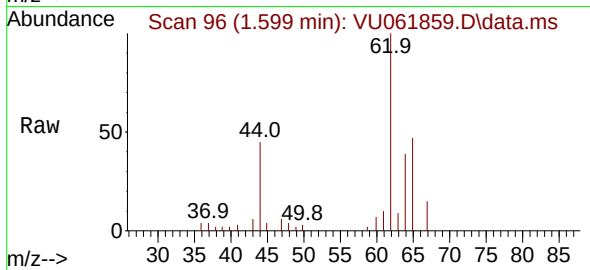




#5
 Vinyl chloride
 Concen: 0.600 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU061859.D
 Acq: 20 Nov 2024 10:56

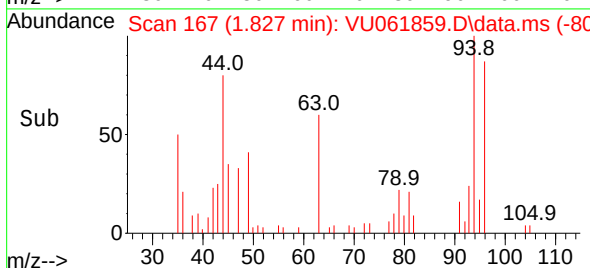
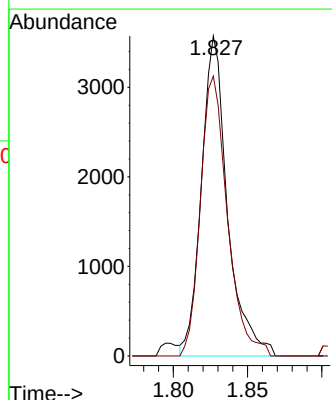
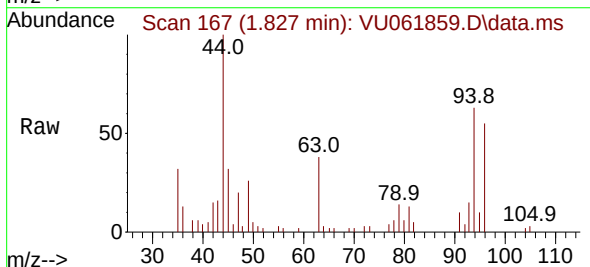
Instrument :
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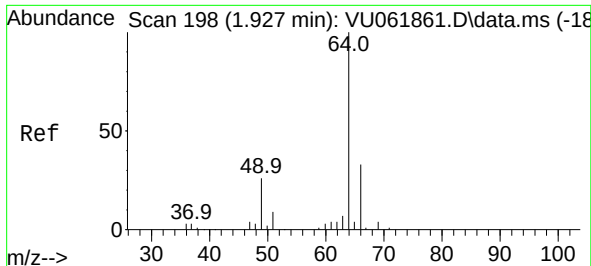
Tgt Ion: 62 Resp: 7485
 Ion Ratio Lower Upper
 62 100
 64 38.5 23.1 42.9



#6
 Bromomethane
 Concen: 0.636 ug/L
 RT: 1.827 min Scan# 167
 Delta R.T. -0.019 min
 Lab File: VU061859.D
 Acq: 20 Nov 2024 10:56

Tgt Ion: 94 Resp: 4353
 Ion Ratio Lower Upper
 94 100
 96 87.4 64.5 119.9

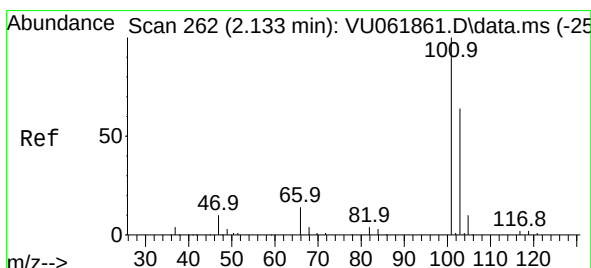
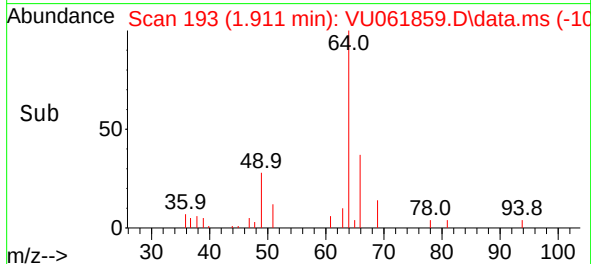
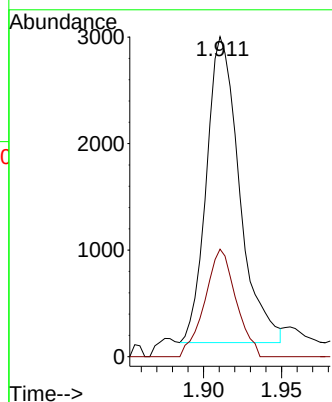
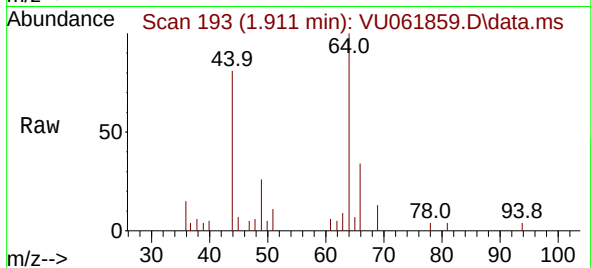




#8
Chloroethane
Concen: 0.558 ug/L
RT: 1.911 min Scan# 193
Delta R.T. -0.016 min
Lab File: VU061859.D
Acq: 20 Nov 2024 10:56

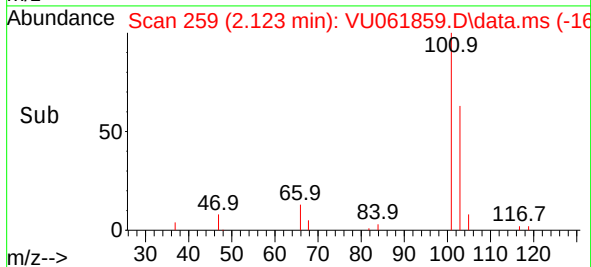
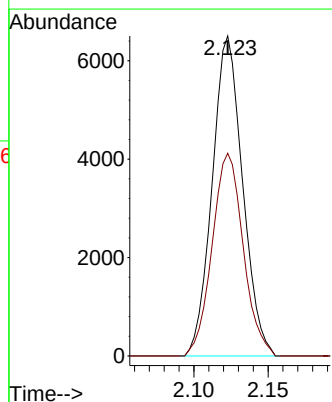
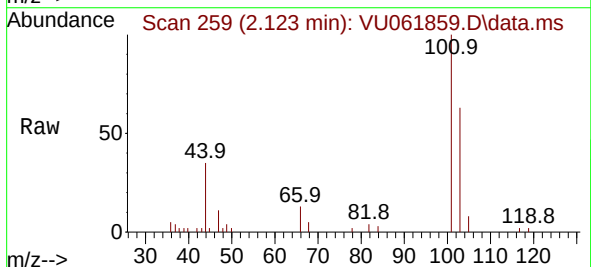
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MSVOA_U
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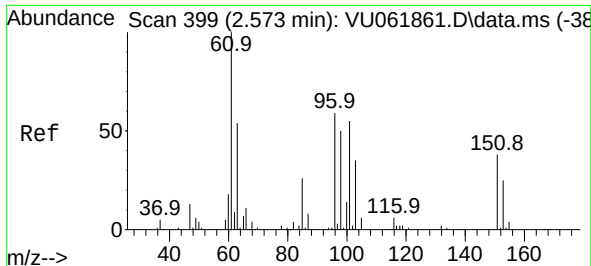
Tgt Ion: 64 Resp: 4219
Ion Ratio Lower Upper
64 100
66 33.6 23.2 43.2



#9
Trichlorofluoromethane
Concen: 0.581 ug/L
RT: 2.123 min Scan# 259
Delta R.T. -0.010 min
Lab File: VU061859.D
Acq: 20 Nov 2024 10:56

Tgt Ion:101 Resp: 9261
Ion Ratio Lower Upper
101 100
103 64.8 50.6 75.8

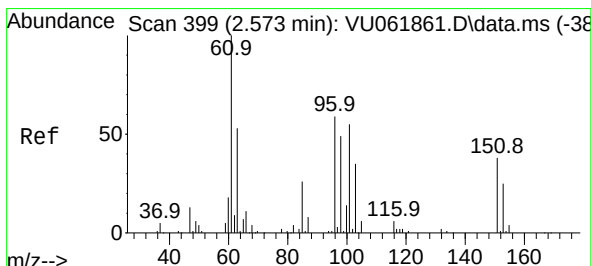
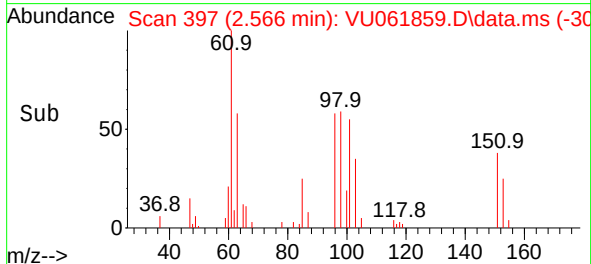
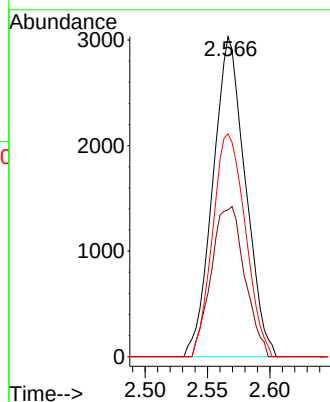
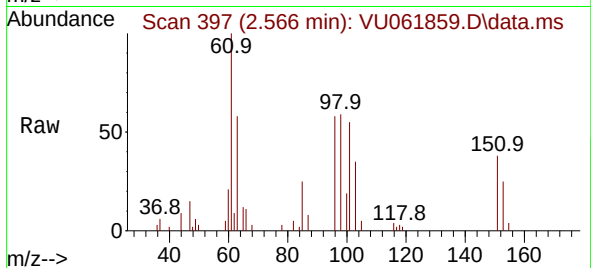




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.529 ug/L
 RT: 2.566 min Scan# 397
 Delta R.T. -0.007 min
 Lab File: VU061859.D
 Acq: 20 Nov 2024 10:56

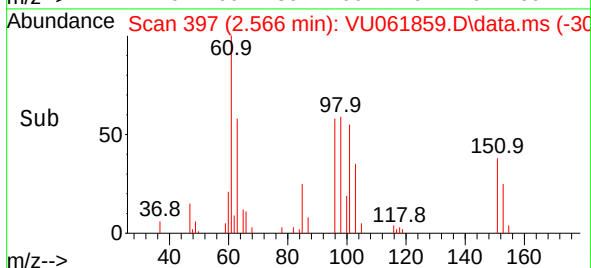
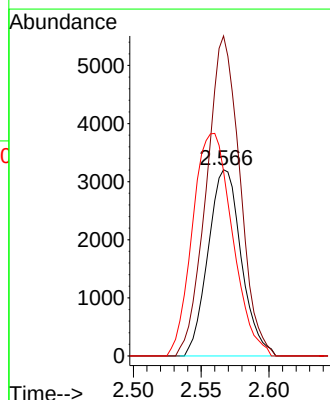
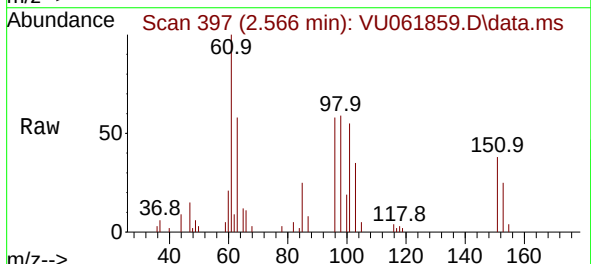
Instrument :
 MSVOA_U
 ClientSampleId :

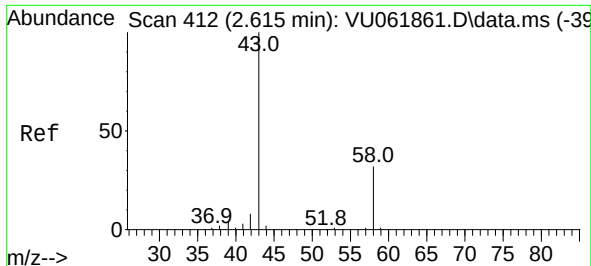
Tgt Ion:101 Resp: 5485
 Ion Ratio Lower Upper
 101 100
 85 48.5 38.0 57.0
 151 70.3 55.3 82.9



#12
 1,1-Dichloroethene
 Concen: 0.549 ug/L
 RT: 2.566 min Scan# 397
 Delta R.T. -0.007 min
 Lab File: VU061859.D
 Acq: 20 Nov 2024 10:56

Tgt Ion: 96 Resp: 5464
 Ion Ratio Lower Upper
 96 100
 61 171.9 119.6 222.2
 63 99.3 65.0 120.6





#13

Acetone

Concen: 4.839 ug/L

RT: 2.621 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU061859.D

Acq: 20 Nov 2024 10:56

Instrument :

MSVOA_U

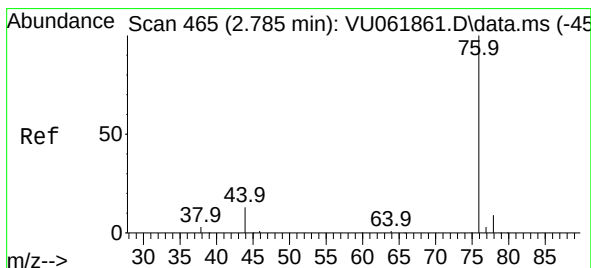
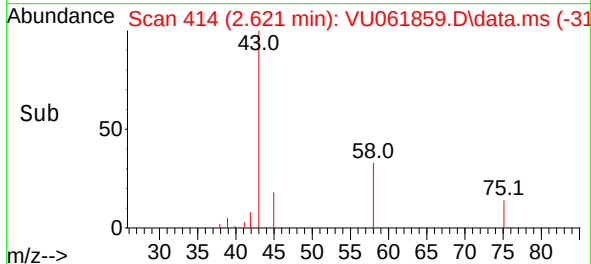
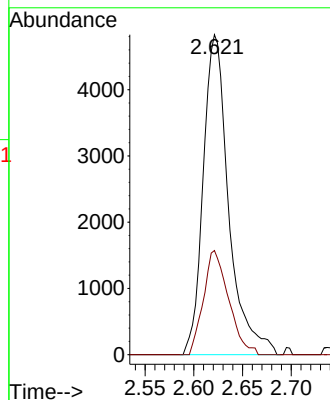
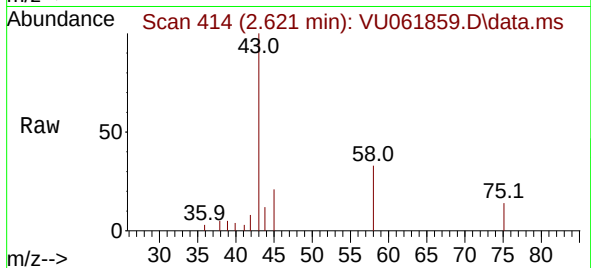
ClientSampleId :

Tgt Ion: 43 Resp: 8797

Ion Ratio Lower Upper

43 100

58 32.1 0.0 64.0



#14

Carbon disulfide

Concen: 0.508 ug/L

RT: 2.779 min Scan# 463

Delta R.T. -0.007 min

Lab File: VU061859.D

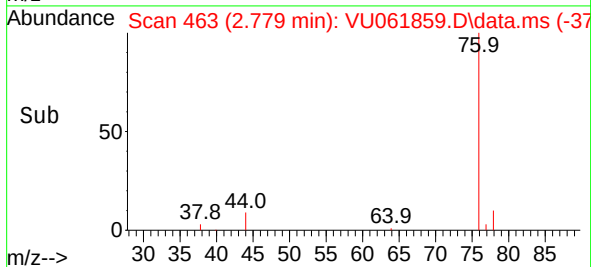
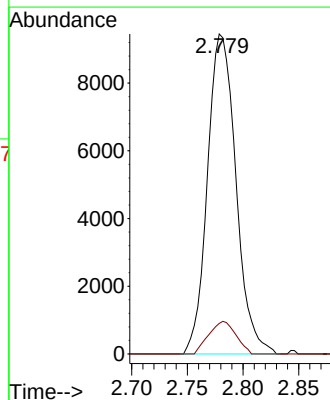
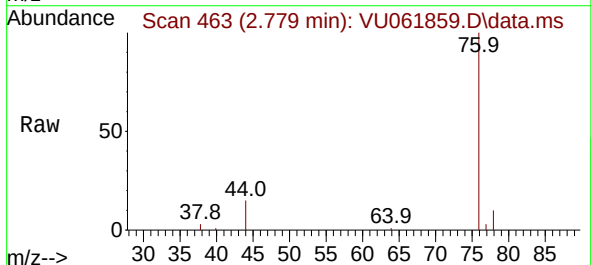
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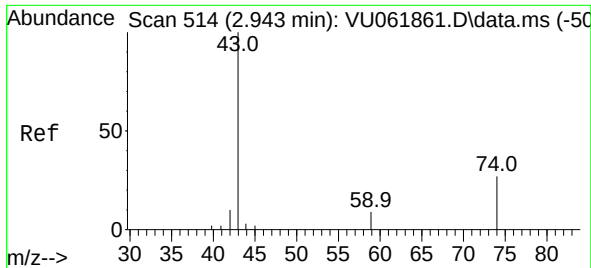
Tgt Ion: 76 Resp: 16825

Ion Ratio Lower Upper

76 100

78 9.6 7.5 11.3





#15

Methyl Acetate

Concen: 0.527 ug/L

RT: 2.952 min Scan# 514

Delta R.T. 0.009 min

Lab File: VU061859.D

Acq: 20 Nov 2024 10:56

Instrument :

MSVOA_U

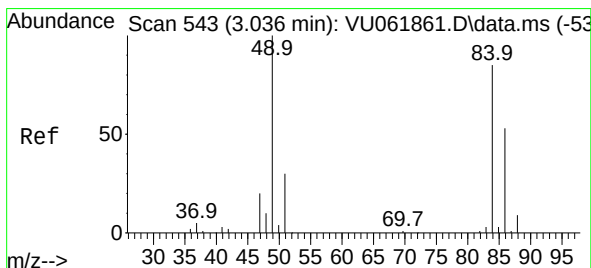
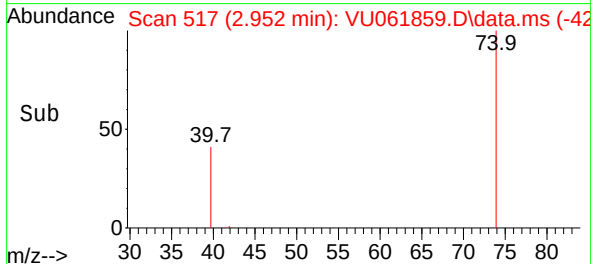
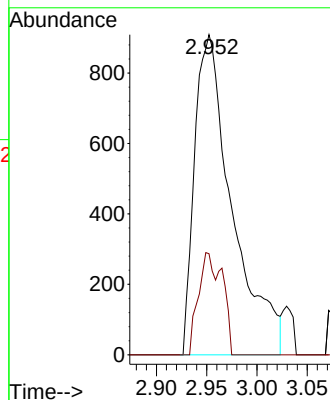
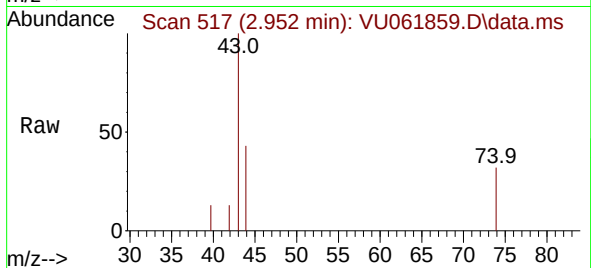
ClientSampleId :

Tgt Ion: 43 Resp: 2358

Ion Ratio Lower Upper

43 100

74 13.8 19.4 29.2#



#16

Methylene chloride

Concen: 0.692 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

Lab File: VU061859.D

Acq: 20 Nov 2024 10:56

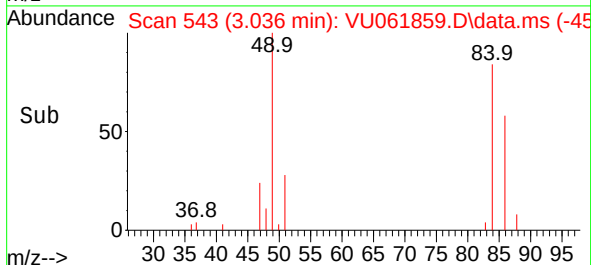
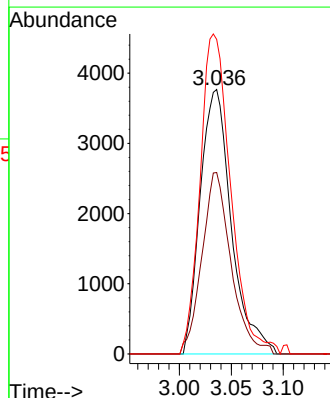
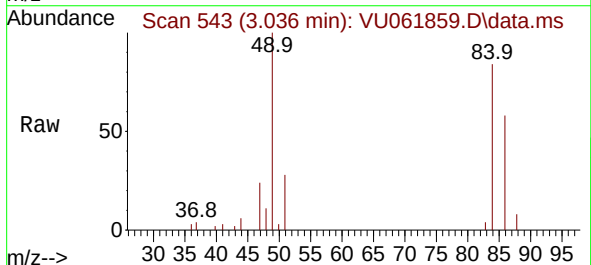
Tgt Ion: 84 Resp: 7874

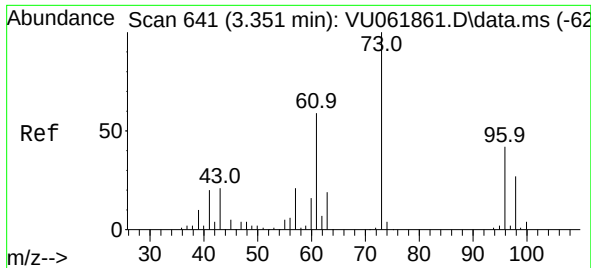
Ion Ratio Lower Upper

84 100

86 68.6 43.5 80.7

49 119.0 81.9 152.1

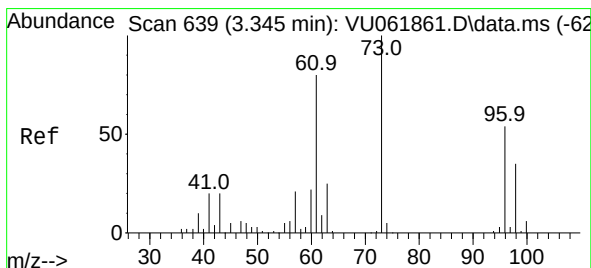
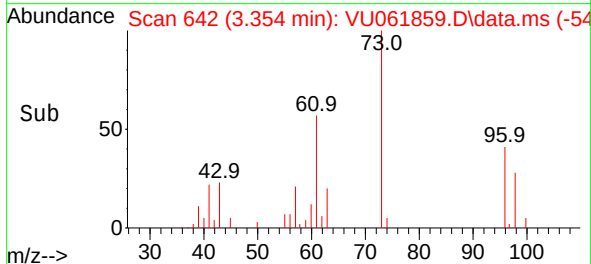
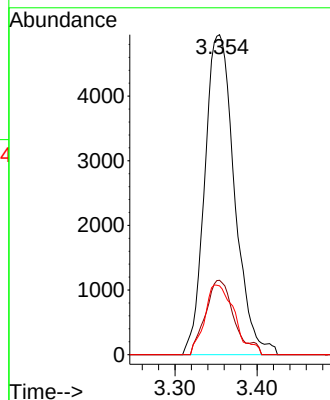
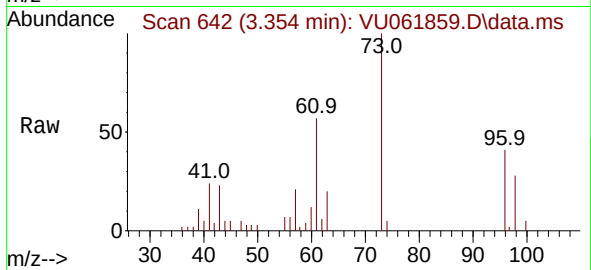




#17
Methyl tert-butyl Ether
Concen: 0.451 ug/L
RT: 3.354 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU061859.D
Acq: 20 Nov 2024 10:56

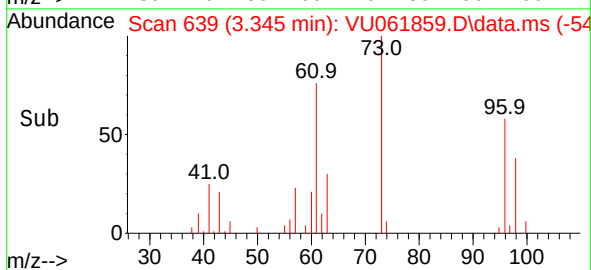
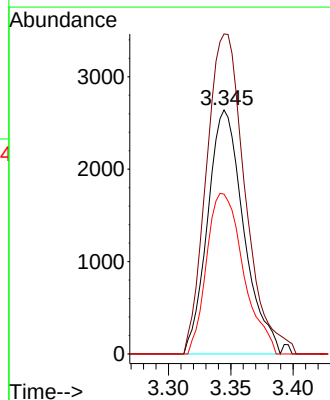
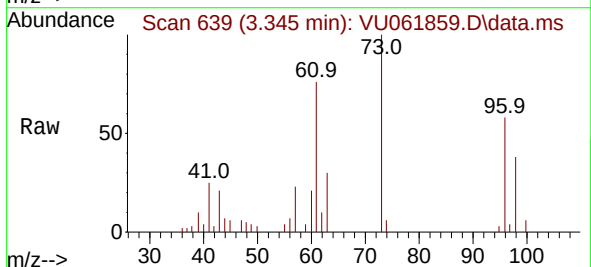
Instrument :
MSVOA_U
ClientSampleId :

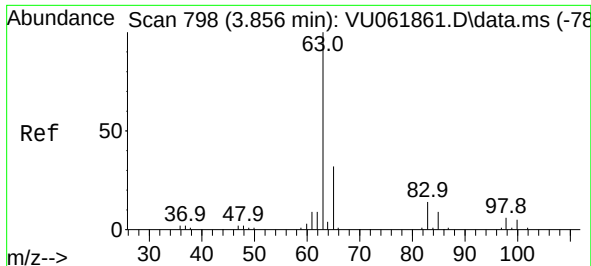
Tgt Ion: 73 Resp: 12469
Ion Ratio Lower Upper
73 100
43 21.4 16.3 24.5
57 21.9 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 0.493 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU061859.D
Acq: 20 Nov 2024 10:56

Tgt Ion: 96 Resp: 5314
Ion Ratio Lower Upper
96 100
61 131.1 104.2 193.4
98 65.5 45.7 84.9

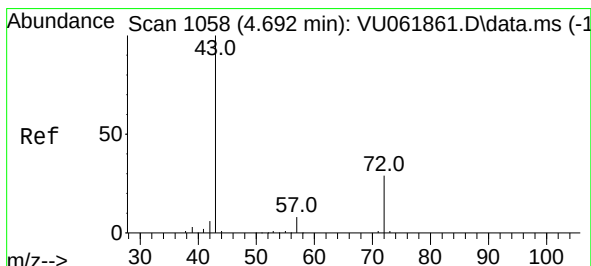
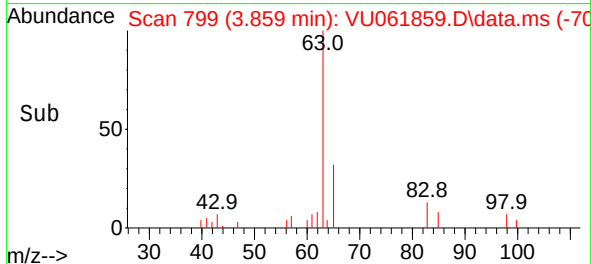
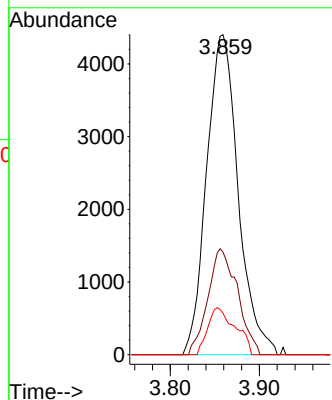
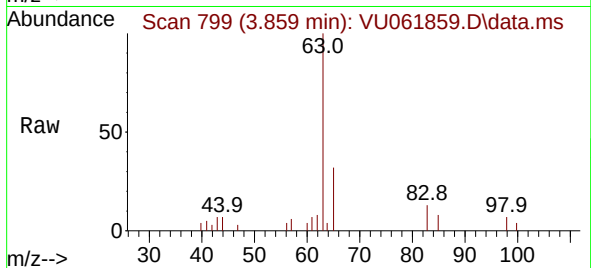




#19
1,1-Dichloroethane
Concen: 0.518 ug/L
RT: 3.859 min Scan# 798
Delta R.T. 0.003 min
Lab File: VU061859.D
Acq: 20 Nov 2024 10:56

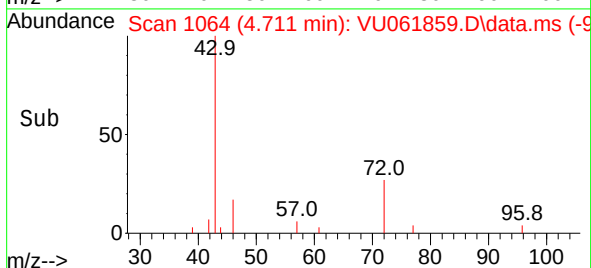
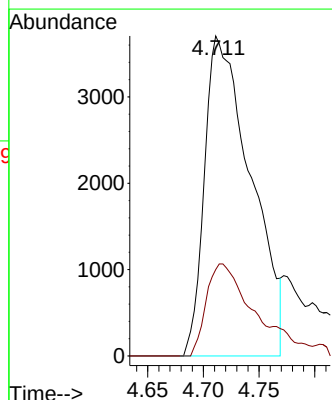
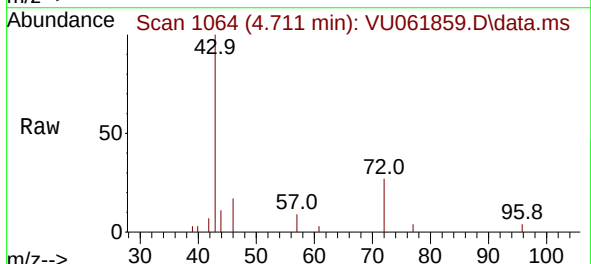
Instrument :
MSVOA_U
ClientSampleId :

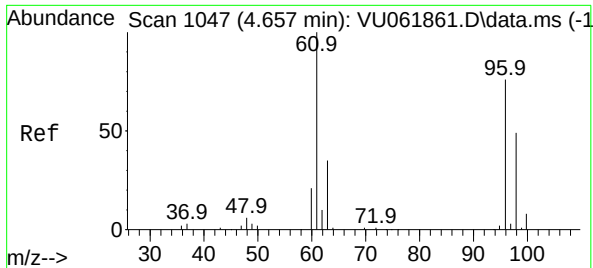
Tgt Ion: 63 Resp: 10854
Ion Ratio Lower Upper
63 100
65 30.8 22.7 42.3
83 12.5 9.9 18.3



#21
2-Butanone
Concen: 3.626 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. 0.019 min
Lab File: VU061859.D
Acq: 20 Nov 2024 10:56

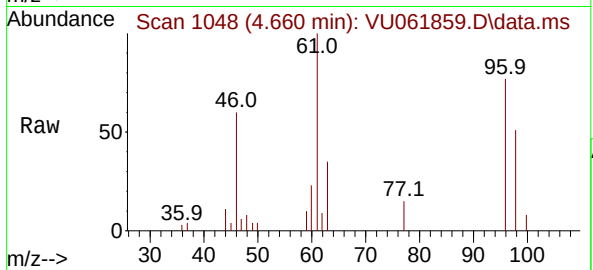
Tgt Ion: 43 Resp: 10720
Ion Ratio Lower Upper
43 100
72 30.4 14.8 44.4



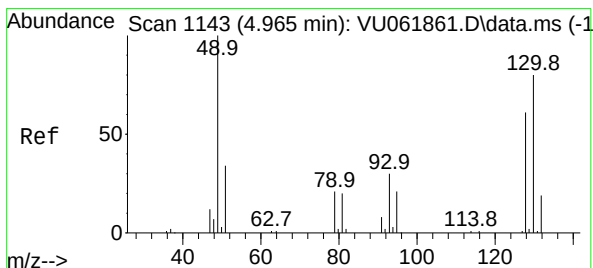
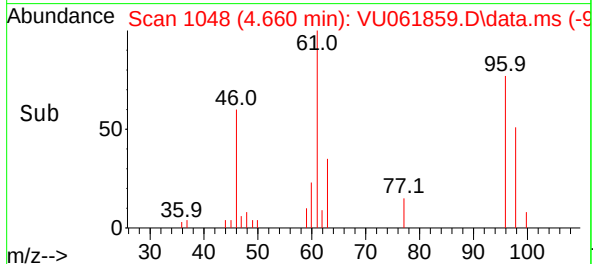
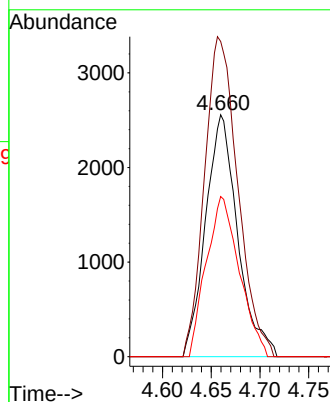


#22
cis-1,2-Dichloroethene
Concen: 0.487 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU061859.D
Acq: 20 Nov 2024 10:56

Instrument :
MSVOA_U
ClientSampleId :

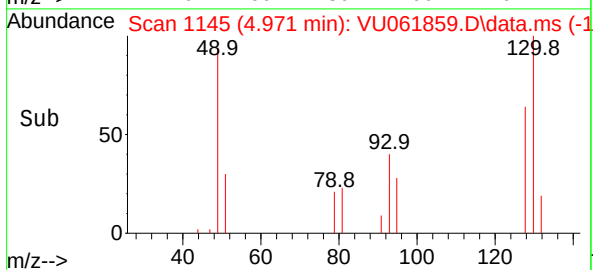
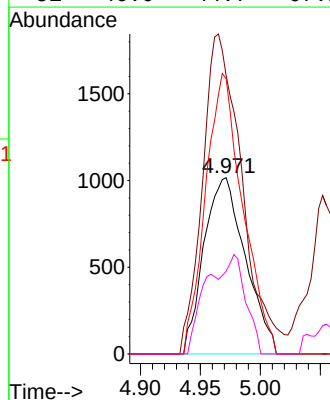
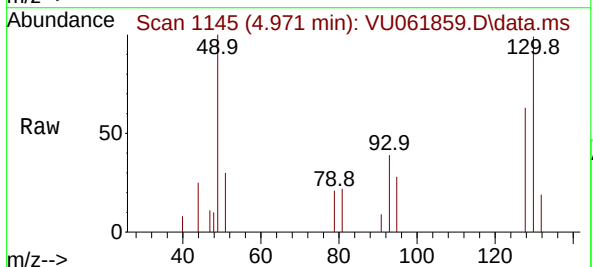


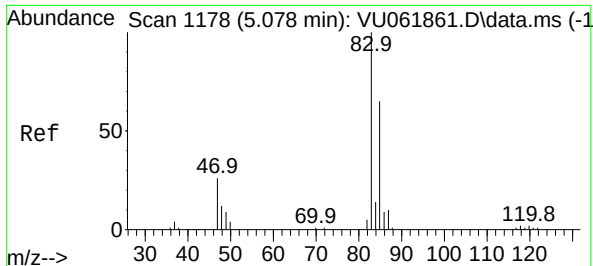
Tgt Ion: 96 Resp: 5857
Ion Ratio Lower Upper
96 100
61 130.3 92.0 170.8
98 66.2 44.5 82.7



#23
Bromochloromethane
Concen: 0.494 ug/L
RT: 4.971 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VU061859.D
Acq: 20 Nov 2024 10:56

Tgt Ion: 128 Resp: 2444
Ion Ratio Lower Upper
128 100
49 157.9 115.3 214.1
130 156.1 92.0 170.8
51 46.9 44.7 67.1





#25

Chloroform

Concen: 0.534 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU061859.D

Acq: 20 Nov 2024 10:56

Instrument :

MSVOA_U

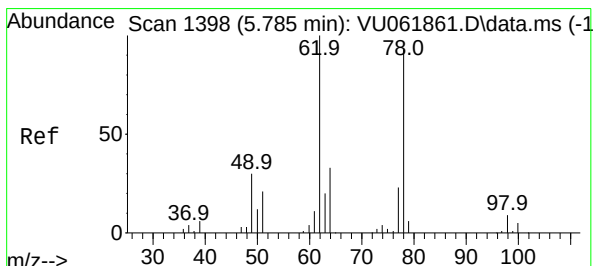
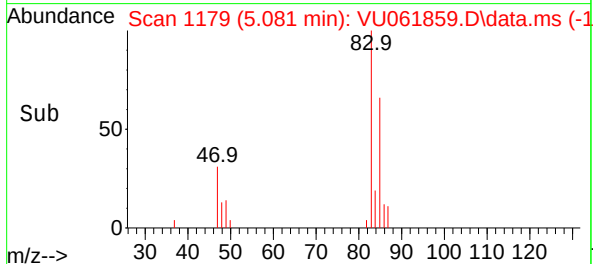
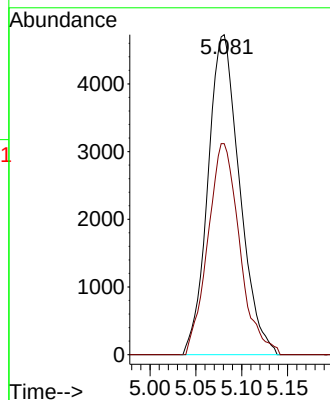
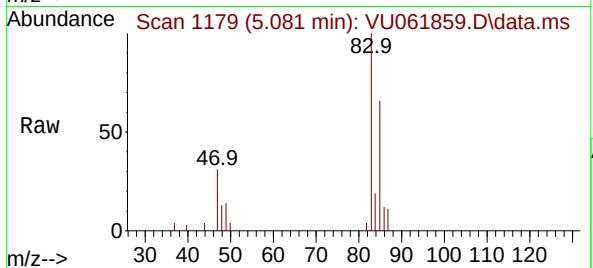
ClientSampleId :

Tgt Ion: 83 Resp: 11359

Ion Ratio Lower Upper

83 100

85 65.9 45.4 84.2



#27

1,2-Dichloroethane

Concen: 0.534 ug/L

RT: 5.795 min Scan# 1401

Delta R.T. 0.009 min

Lab File: VU061859.D

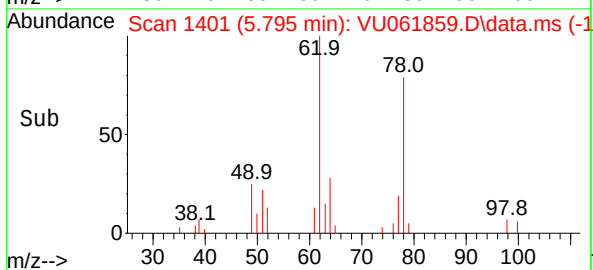
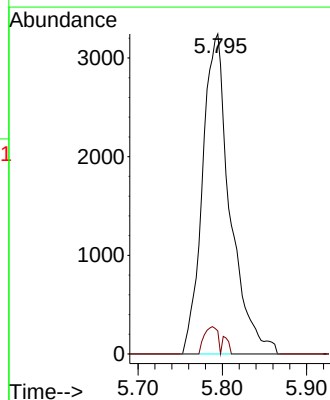
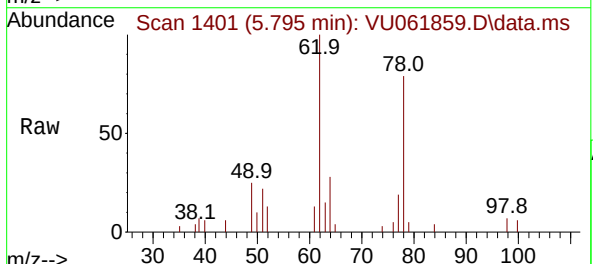
Acq: 20 Nov 2024 10:56

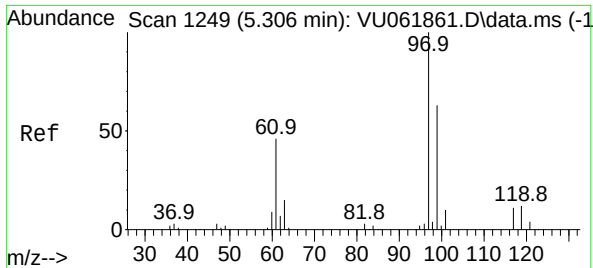
Tgt Ion: 62 Resp: 7401

Ion Ratio Lower Upper

62 100

98 7.2 7.4 11.0#

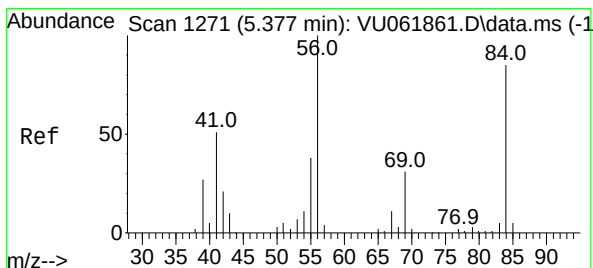
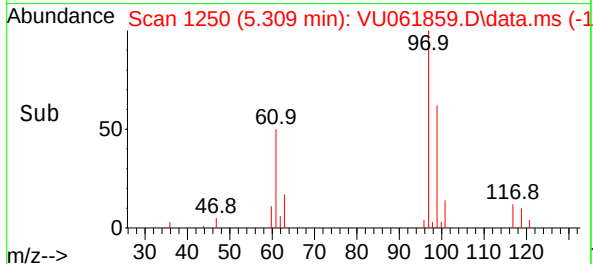
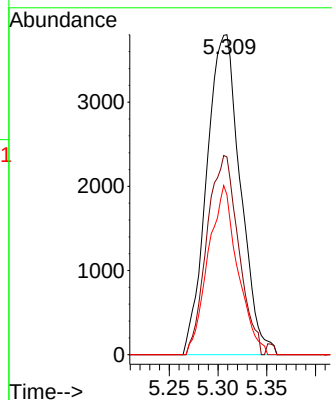
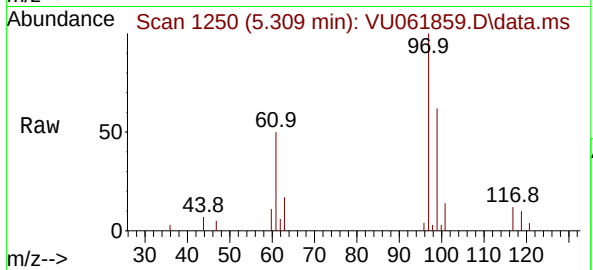




#29
1,1,1-Trichloroethane
Concen: 0.415 ug/L
RT: 5.309 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VU061859.D
Acq: 20 Nov 2024 10:56

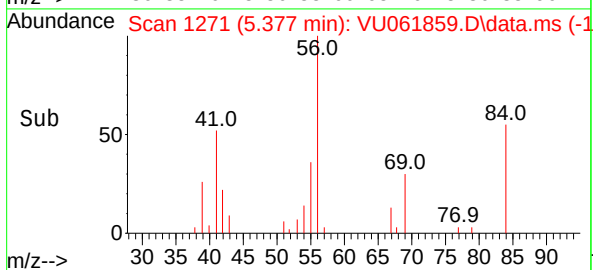
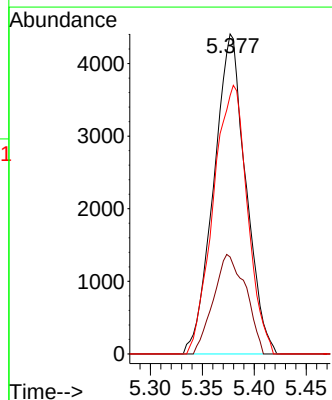
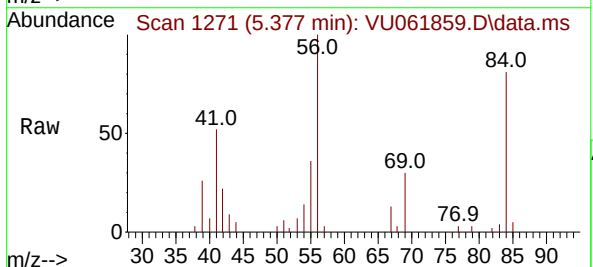
Instrument :
MSVOA_U
ClientSampleId :

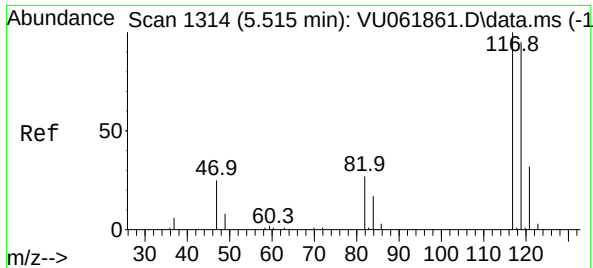
Tgt Ion: 97 Resp: 9144
Ion Ratio Lower Upper
97 100
99 58.2 51.4 77.2
61 46.3 37.8 56.6



#30
Cyclohexane
Concen: 0.391 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VU061859.D
Acq: 20 Nov 2024 10:56

Tgt Ion: 56 Resp: 9448
Ion Ratio Lower Upper
56 100
69 31.4 25.1 37.7
84 89.2 70.6 105.8

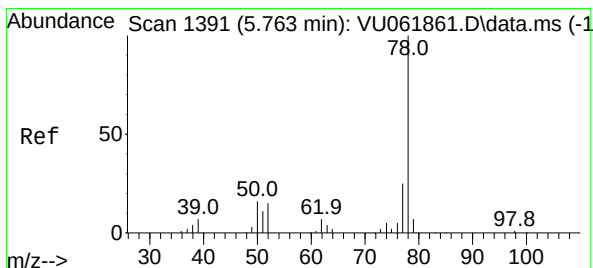
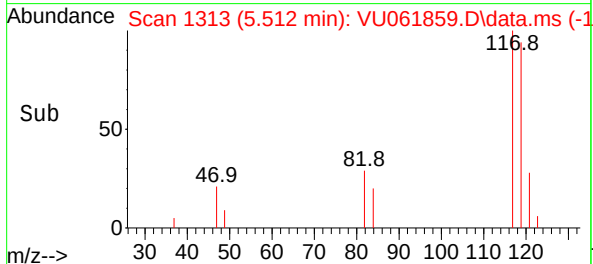
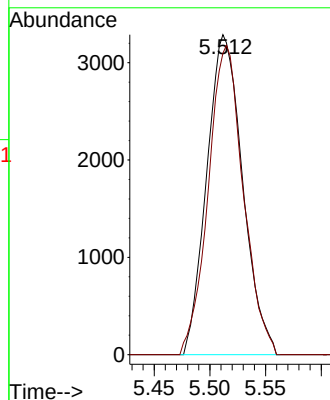
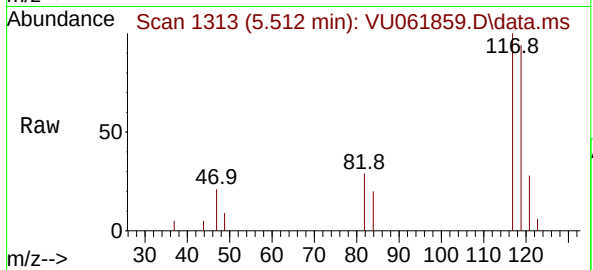




#31
Carbon tetrachloride
Concen: 0.396 ug/L
RT: 5.512 min Scan# 1314
Delta R.T. -0.003 min
Lab File: VU061859.D
Acq: 20 Nov 2024 10:56

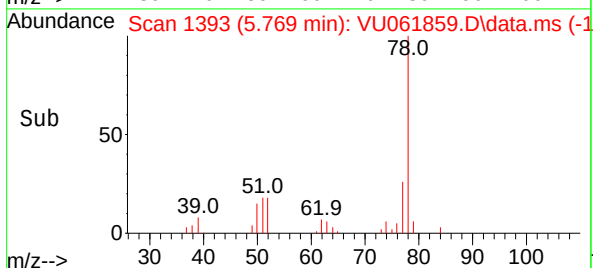
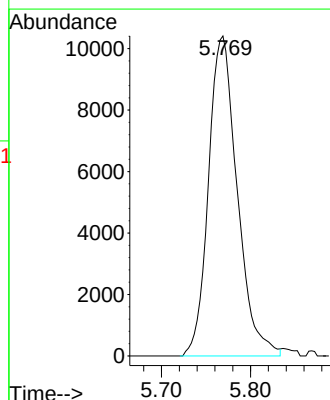
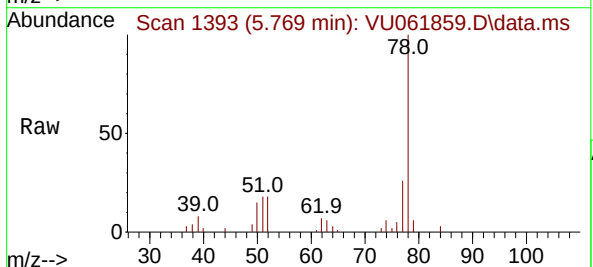
Instrument :
MSVOA_U
ClientSampleId :

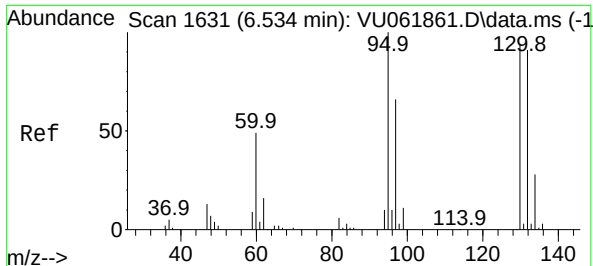
Tgt Ion:117 Resp: 7355
Ion Ratio Lower Upper
117 100
119 94.3 77.5 116.3



#33
Benzene
Concen: 0.416 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.006 min
Lab File: VU061859.D
Acq: 20 Nov 2024 10:56

Tgt Ion: 78 Resp: 23333





#34

Trichloroethene

Concen: 0.425 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU061859.D

Acq: 20 Nov 2024 10:56

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 6475

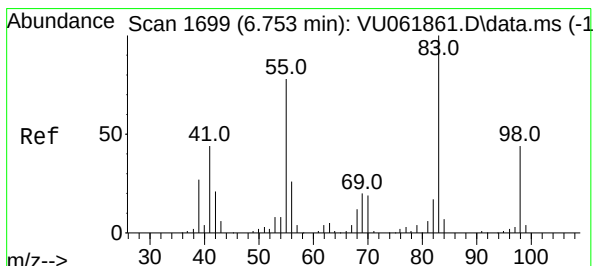
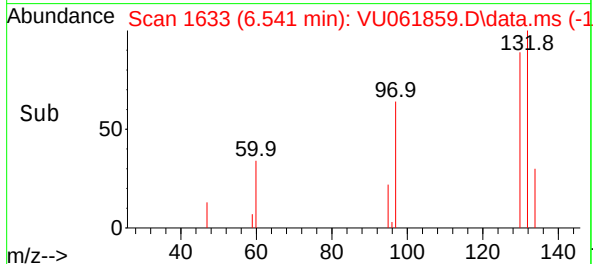
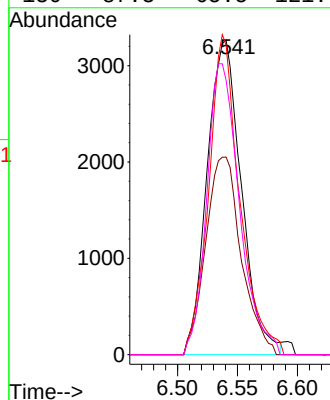
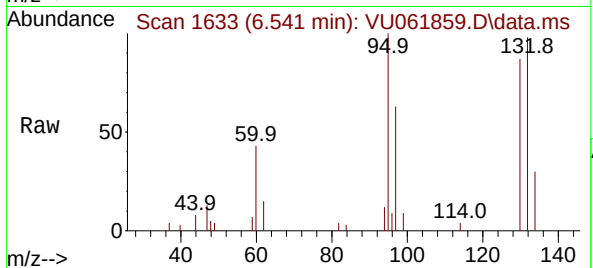
Ion Ratio Lower Upper

95 100

97 62.8 45.9 85.3

132 98.5 63.8 118.4

130 87.3 65.5 121.7



#35

Methylcyclohexane

Concen: 0.388 ug/L

RT: 6.750 min Scan# 1698

Delta R.T. -0.003 min

Lab File: VU061859.D

Acq: 20 Nov 2024 10:56

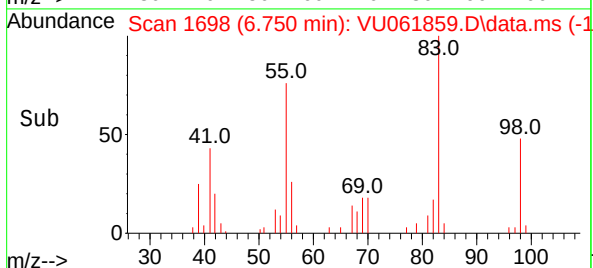
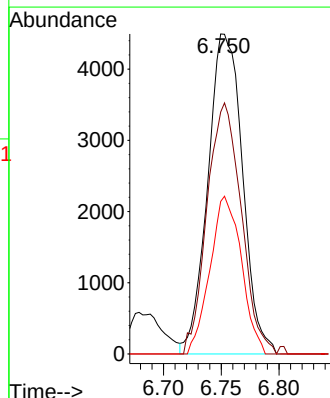
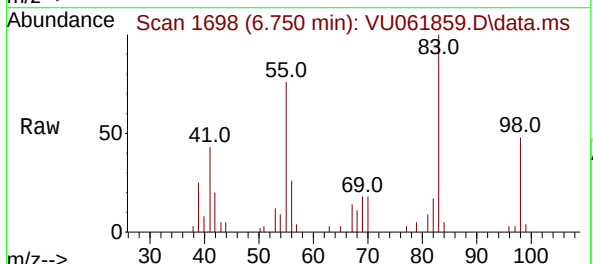
Tgt Ion: 83 Resp: 9391

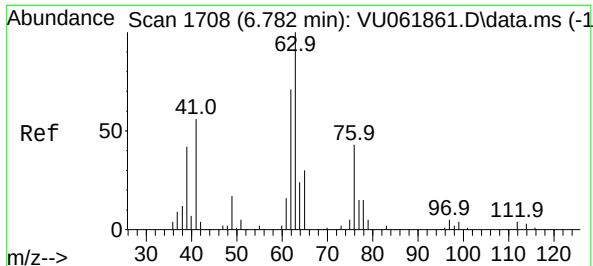
Ion Ratio Lower Upper

83 100

55 77.4 60.7 91.1

98 44.6 34.8 52.2

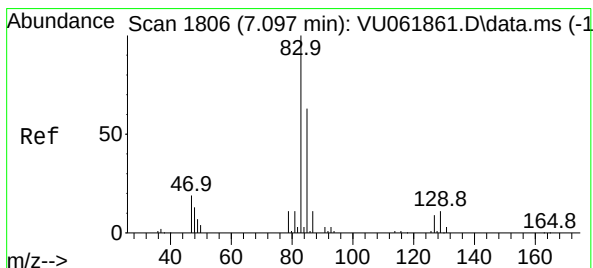
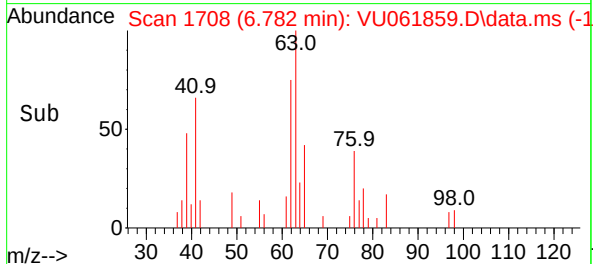
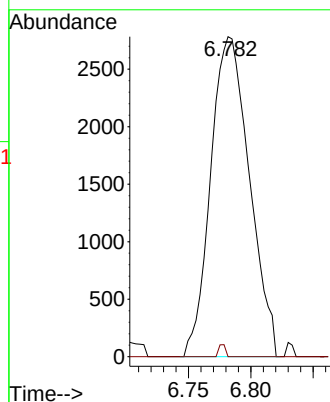
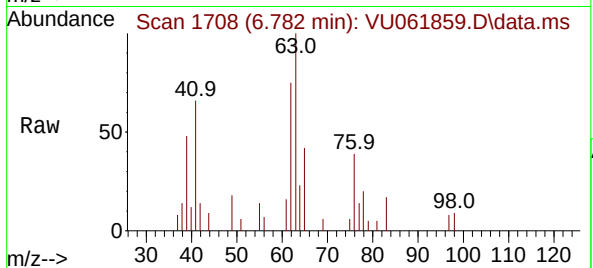




#37
1,2-Dichloropropane
Concen: 0.410 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU061859.D
Acq: 20 Nov 2024 10:56

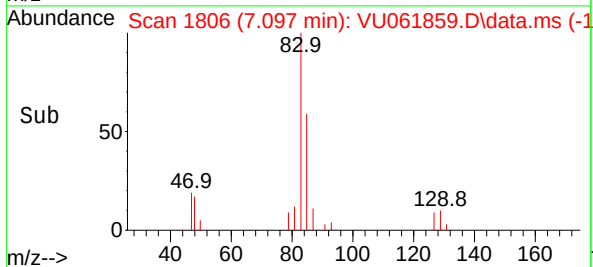
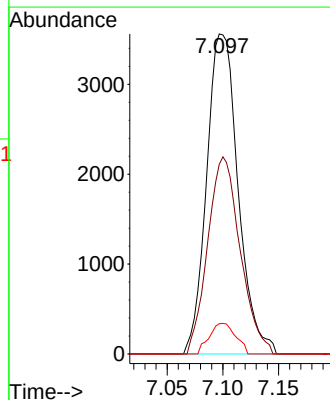
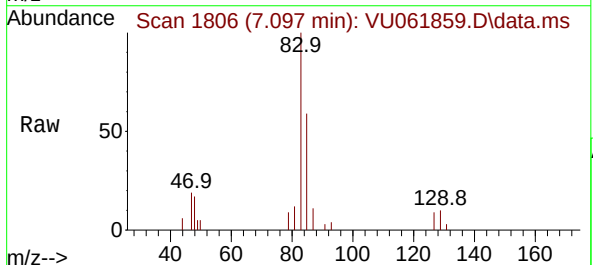
Instrument :
MSVOA_U
ClientSampleId :

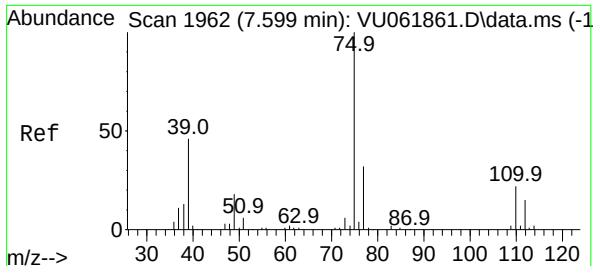
Tgt Ion: 63 Resp: 6018
Ion Ratio Lower Upper
63 100
112 0.7 3.4 5.0#



#38
Bromodichloromethane
Concen: 0.382 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU061859.D
Acq: 20 Nov 2024 10:56

Tgt Ion: 83 Resp: 7013
Ion Ratio Lower Upper
83 100
85 59.2 44.1 81.9
127 9.5 6.9 10.3

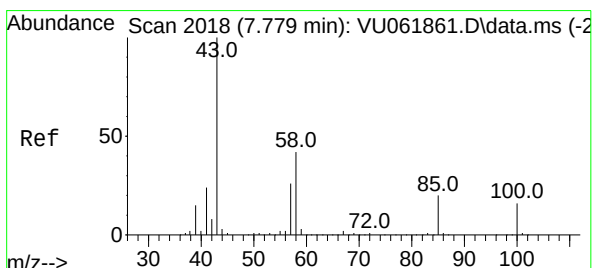
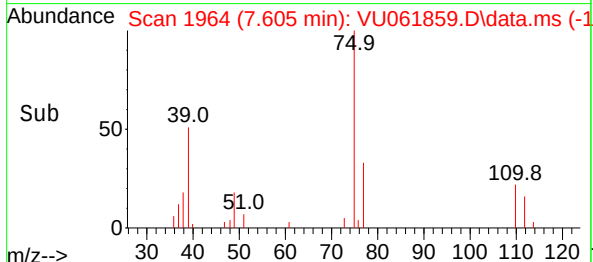
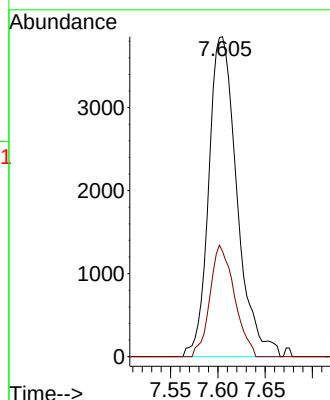
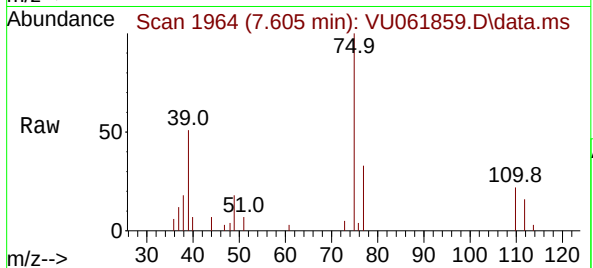




#39
cis-1,3-Dichloropropene
Concen: 0.356 ug/L
RT: 7.605 min Scan# 1962
Delta R.T. 0.006 min
Lab File: VU061859.D
Acq: 20 Nov 2024 10:56

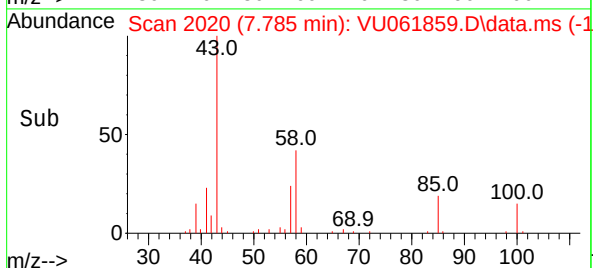
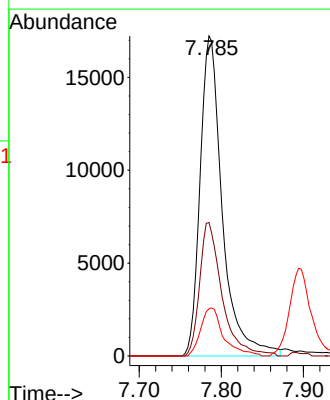
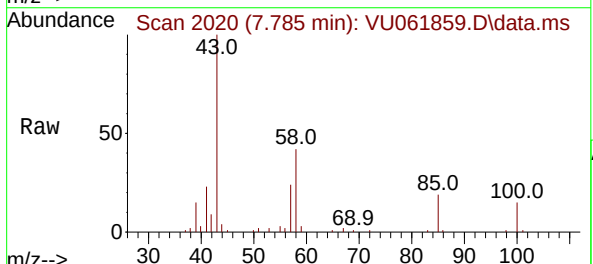
Instrument :
MSVOA_U
ClientSampleId :

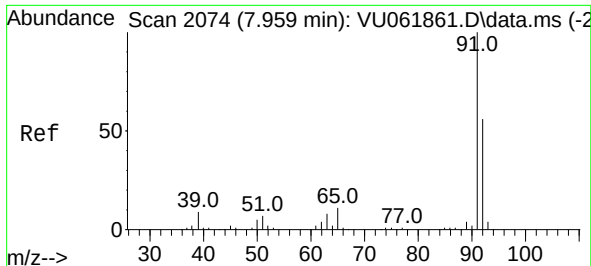
Tgt Ion: 75 Resp: 8019
Ion Ratio Lower Upper
75 100
77 33.0 22.3 41.3



#40
4-Methyl-2-pentanone
Concen: 3.573 ug/L
RT: 7.785 min Scan# 2020
Delta R.T. 0.006 min
Lab File: VU061859.D
Acq: 20 Nov 2024 10:56

Tgt Ion: 43 Resp: 32416
Ion Ratio Lower Upper
43 100
58 41.8 33.3 49.9
100 15.4 12.4 18.6





#42

Toluene

Concen: 0.446 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU061859.D

Acq: 20 Nov 2024 10:56

Instrument :

MSVOA_U

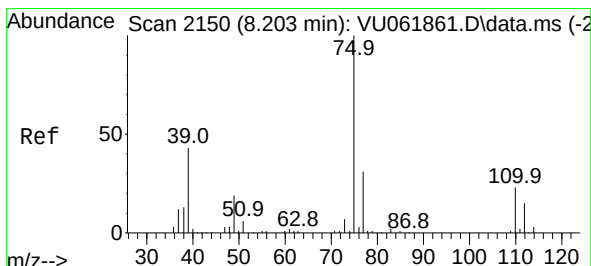
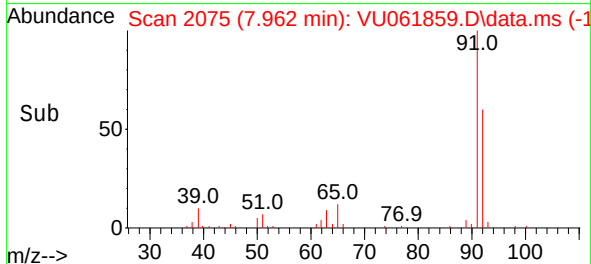
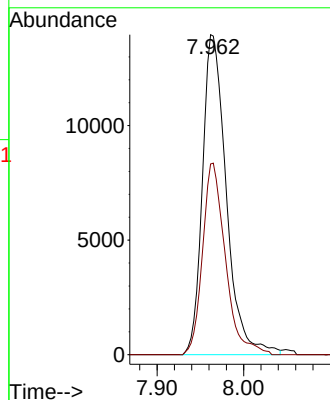
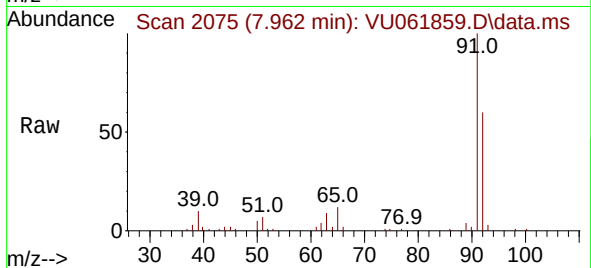
ClientSampleId :

Tgt Ion: 91 Resp: 26727

Ion Ratio Lower Upper

91 100

92 59.6 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 0.351 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.006 min

Lab File: VU061859.D

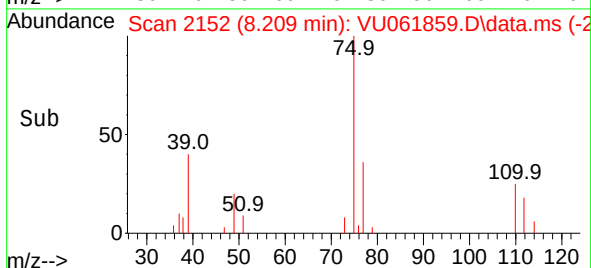
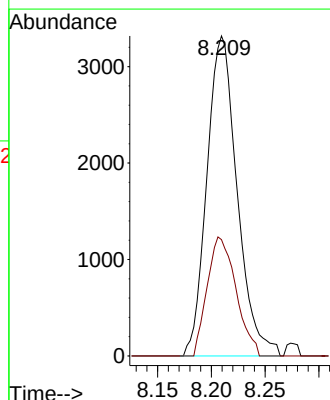
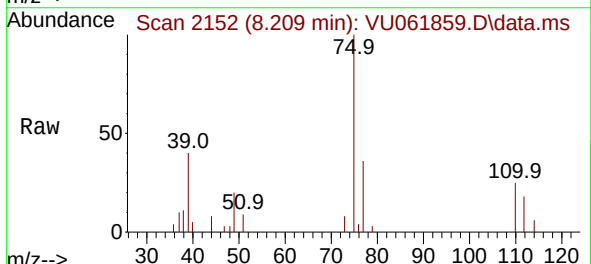
Acq: 20 Nov 2024 10:56

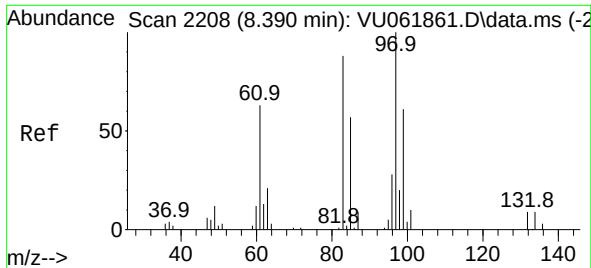
Tgt Ion: 75 Resp: 6499

Ion Ratio Lower Upper

75 100

77 36.3 21.8 40.4

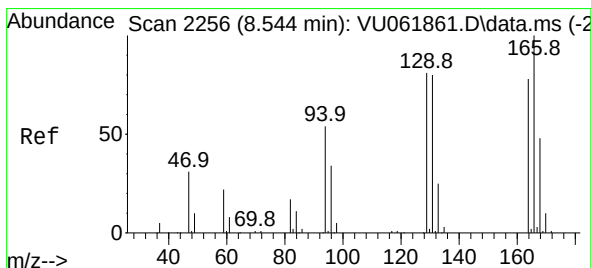
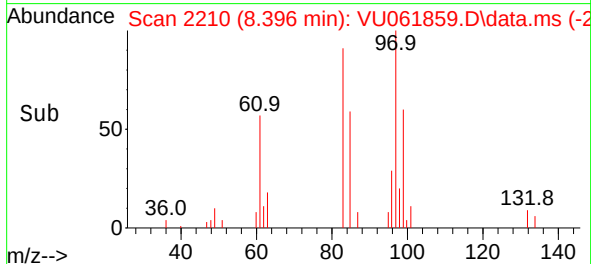
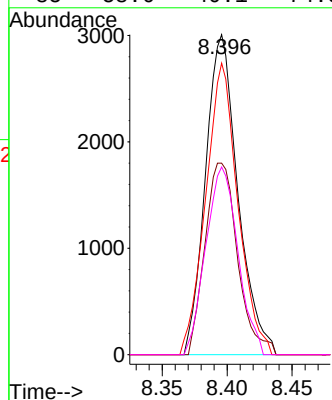
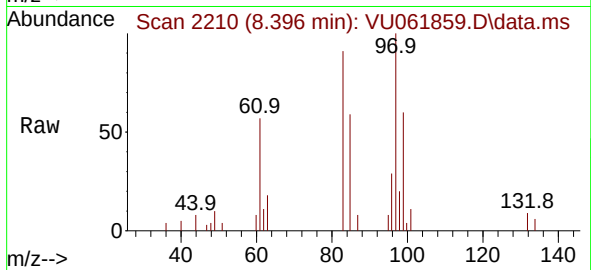




#45
1,1,2-Trichloroethane
Concen: 0.521 ug/L
RT: 8.396 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU061859.D
Acq: 20 Nov 2024 10:56

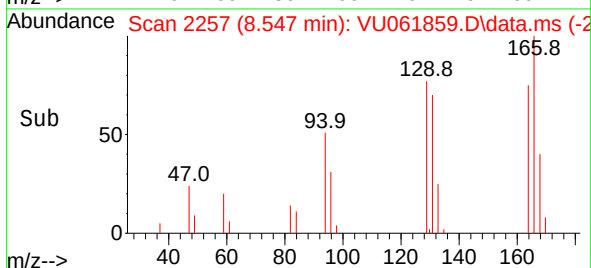
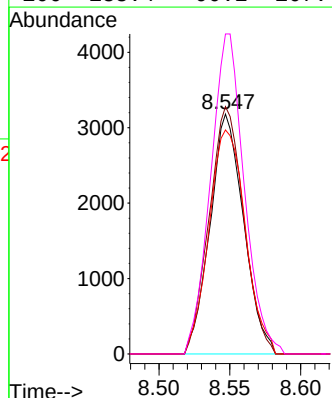
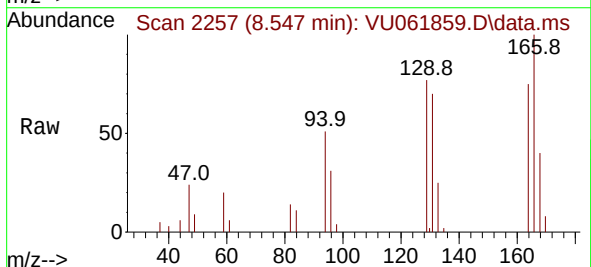
Instrument :
MSVOA_U
ClientSampleId :

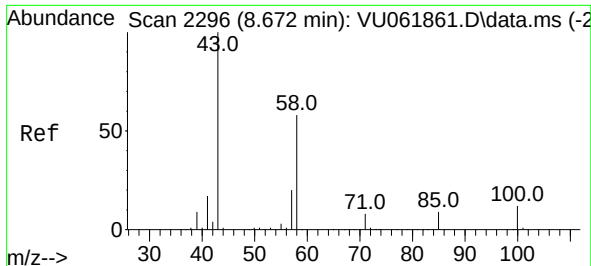
Tgt Ion: 97	Resp: 5222
Ion Ratio	Lower Upper
97 100	
99 59.9	43.0 79.8
83 91.1	61.7 114.5
85 58.6	40.1 74.5



#47
Tetrachloroethene
Concen: 0.522 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.003 min
Lab File: VU061859.D
Acq: 20 Nov 2024 10:56

Tgt	Ion:164	Resp:	5240
Ion	Ratio	Lower	Upper
164	100		
129	103.1	73.2	136.0
131	93.4	72.3	134.3
166	133.4	90.2	167.4

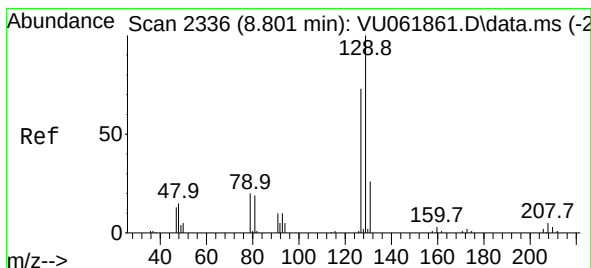
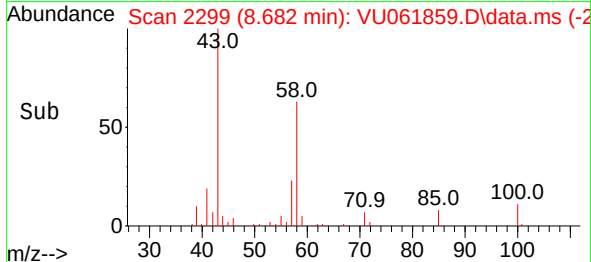
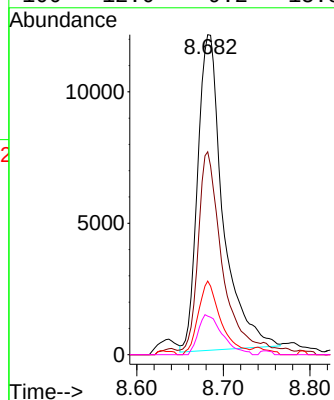
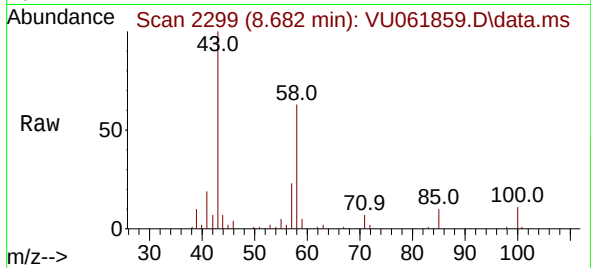




#48
2-Hexanone
Concen: 3.874 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.009 min
Lab File: VU061859.D
Acq: 20 Nov 2024 10:56

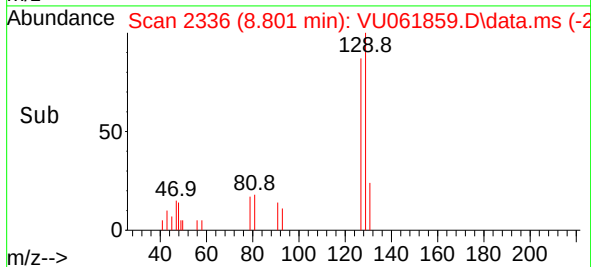
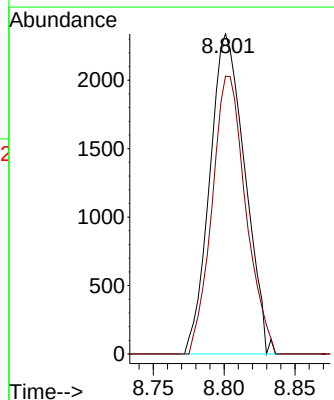
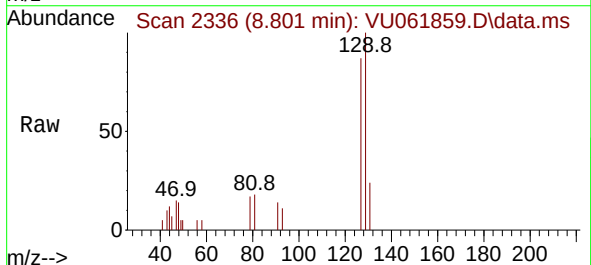
Instrument :
MSVOA_U
ClientSampleId :

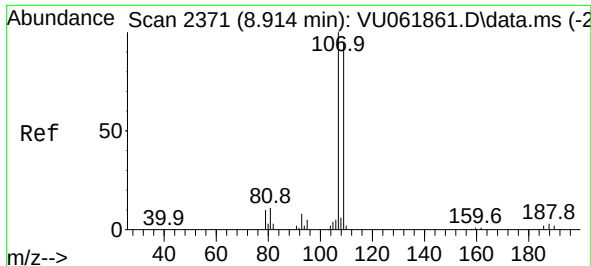
Tgt Ion:	43	Resp:	24385
Ion	Ratio	Lower	Upper
43	100		
58	60.9	47.5	71.3
57	20.7	15.6	23.4
100	12.0	9.2	13.8



#49
Dibromochloromethane
Concen: 0.359 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU061859.D
Acq: 20 Nov 2024 10:56

Tgt Ion:	129	Resp:	4036
Ion	Ratio	Lower	Upper
129	100		
127	86.8	51.1	94.9

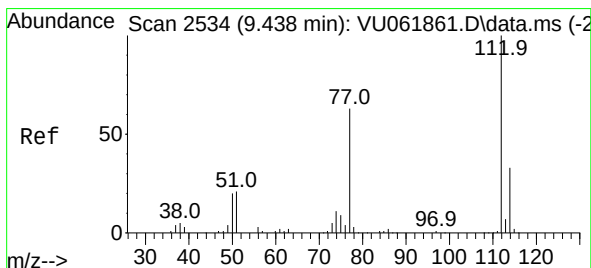
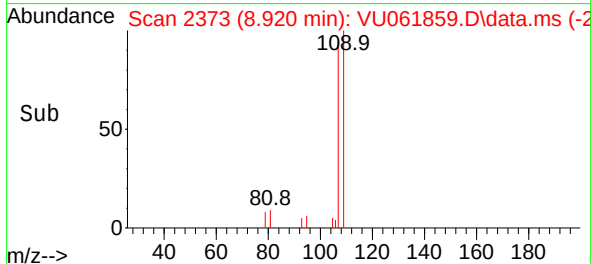
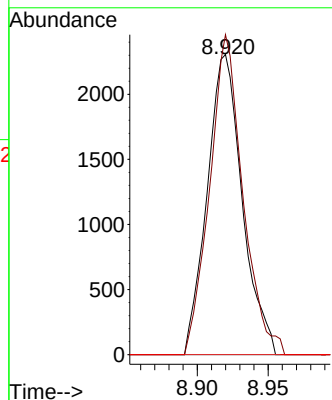
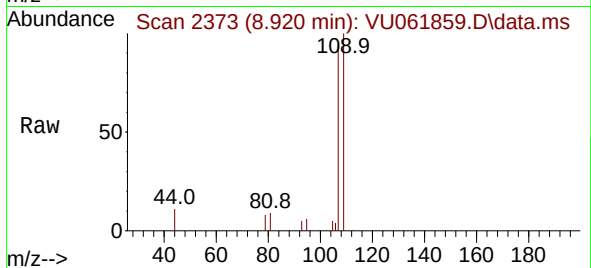




#50
1,2-Dibromoethane
Concen: 0.425 ug/L
RT: 8.920 min Scan# 24
Delta R.T. 0.006 min
Lab File: VU061859.D
Acq: 20 Nov 2024 10:56

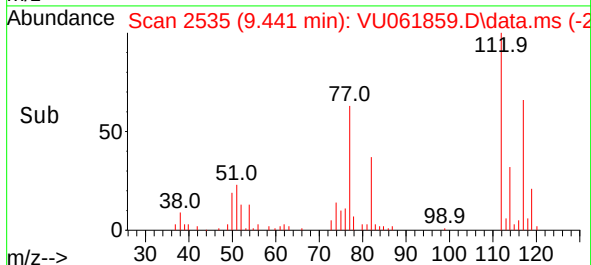
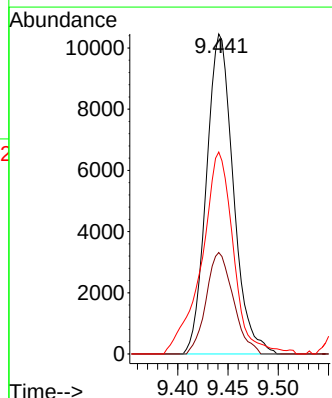
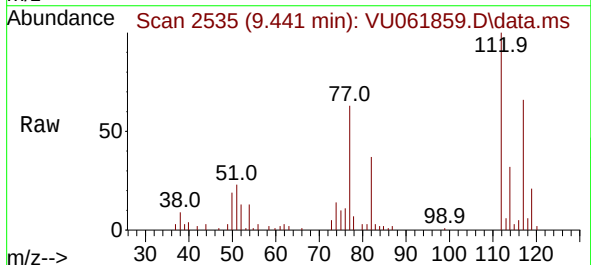
Instrument :
MSVOA_U
ClientSampleId :

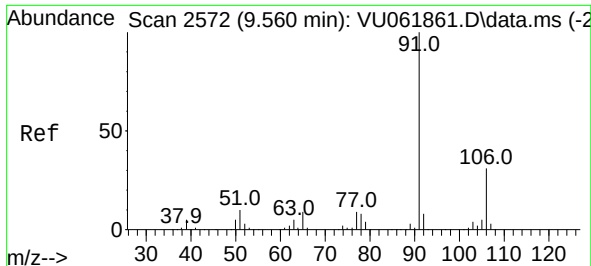
Tgt Ion:107 Resp: 3972
Ion Ratio Lower Upper
107 100
109 106.6 66.8 124.2
188 0.0 2.3 3.5#



#51
Chlorobenzene
Concen: 0.533 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU061859.D
Acq: 20 Nov 2024 10:56

Tgt Ion:112 Resp: 19434
Ion Ratio Lower Upper
112 100
114 31.7 23.0 42.6
77 63.1 50.5 75.7





#52

Ethylbenzene

Concen: 0.414 ug/L

RT: 9.563 min Scan# 2572

Delta R.T. 0.003 min

Lab File: VU061859.D

Acq: 20 Nov 2024 10:56

Instrument :

MSVOA_U

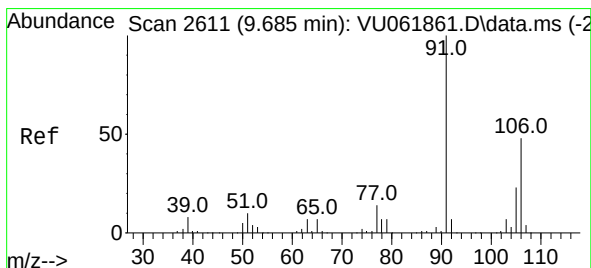
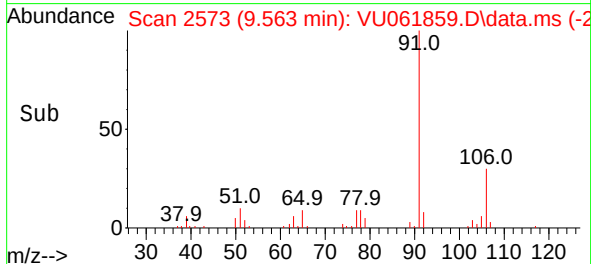
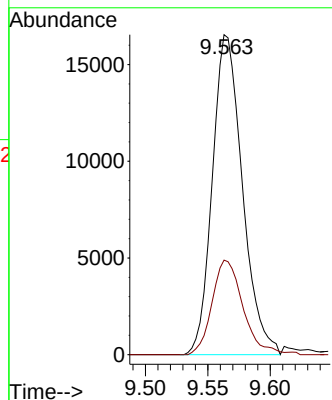
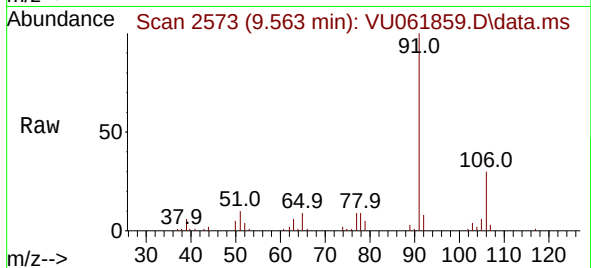
ClientSampleId :

Tgt Ion: 91 Resp: 27753

Ion Ratio Lower Upper

91 100

106 29.6 21.6 40.0



#53

m,p-Xylene

Concen: 0.393 ug/L

RT: 9.688 min Scan# 2612

Delta R.T. 0.003 min

Lab File: VU061859.D

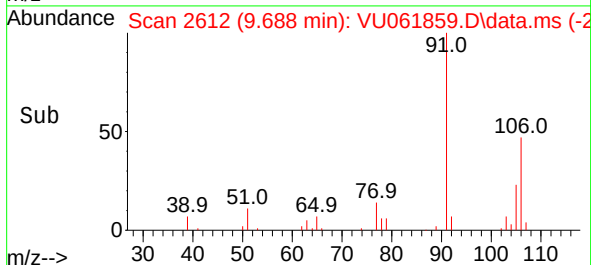
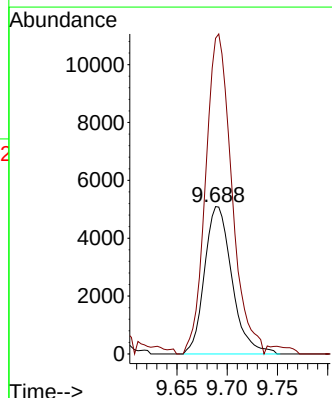
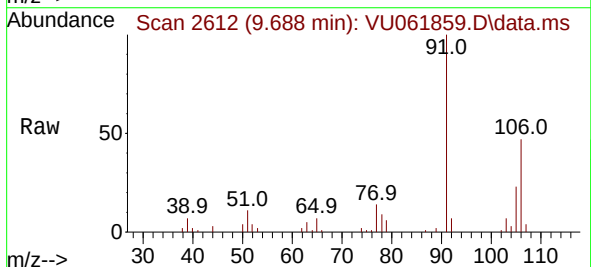
Acq: 20 Nov 2024 10:56

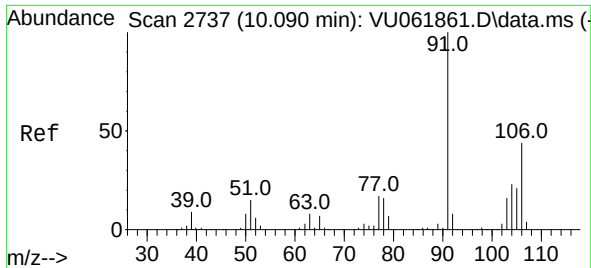
Tgt Ion:106 Resp: 9659

Ion Ratio Lower Upper

106 100

91 214.2 147.6 274.0

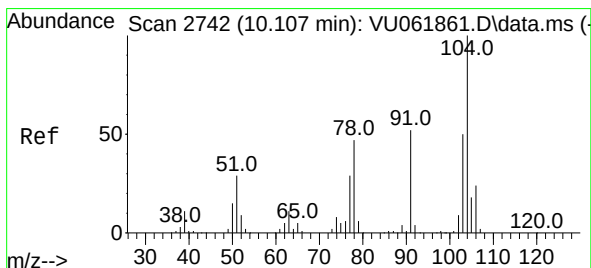
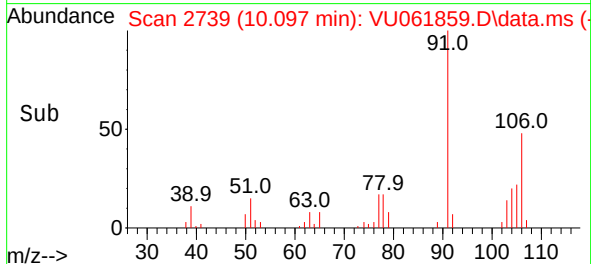
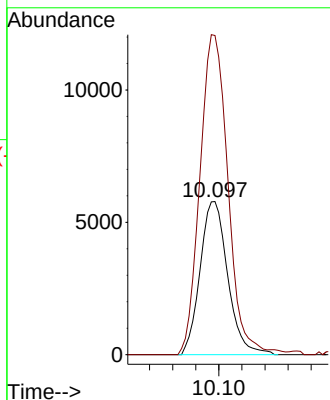
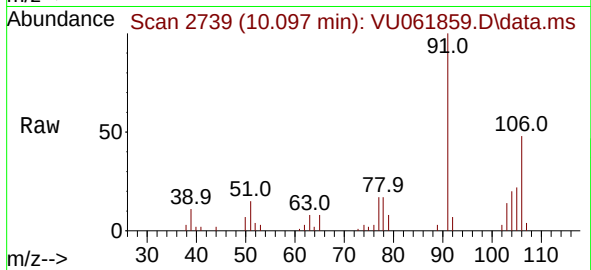




#54
o-Xylene
Concen: 0.400 ug/L
RT: 10.097 min Scan# 2737
Delta R.T. 0.006 min
Lab File: VU061859.D
Acq: 20 Nov 2024 10:56

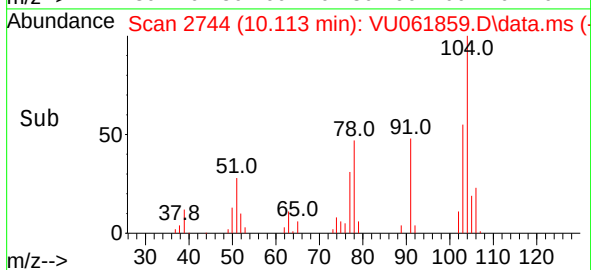
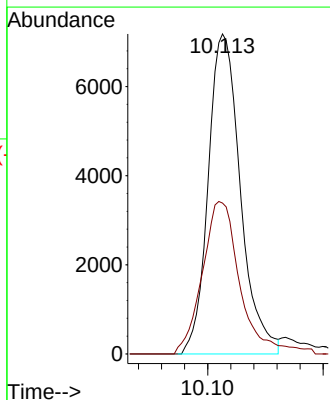
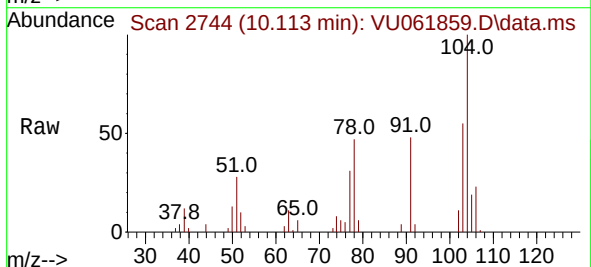
Instrument :
MSVOA_U
ClientSampleId :

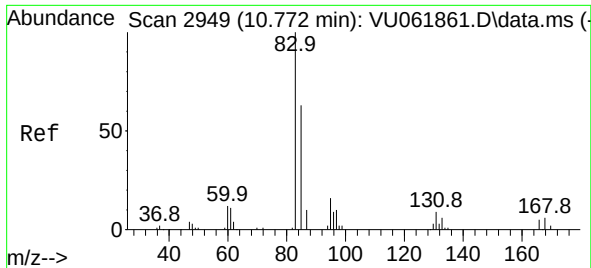
Tgt Ion:106 Resp: 9625
Ion Ratio Lower Upper
106 100
91 208.3 159.8 296.8



#55
Styrene
Concen: 0.356 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.006 min
Lab File: VU061859.D
Acq: 20 Nov 2024 10:56

Tgt Ion:104 Resp: 13893
Ion Ratio Lower Upper
104 100
78 47.1 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 0.438 ug/L

RT: 10.778 min Scan# 2949

Delta R.T. 0.006 min

Lab File: VU061859.D

Acq: 20 Nov 2024 10:56

Instrument :

MSVOA_U

ClientSampleId :

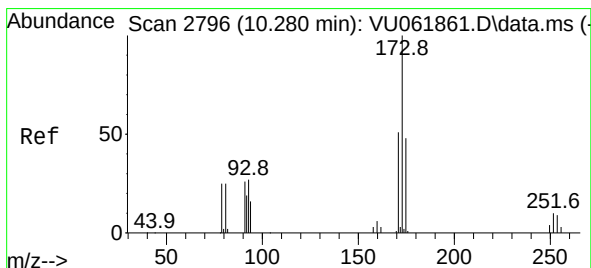
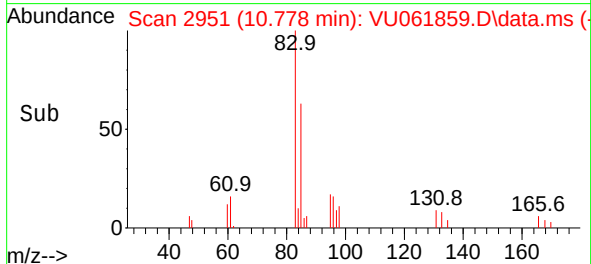
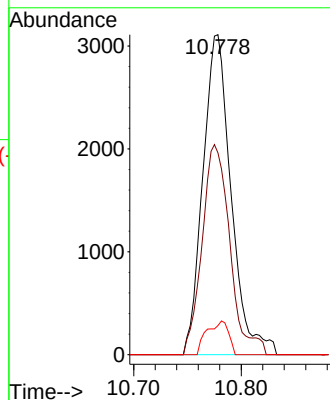
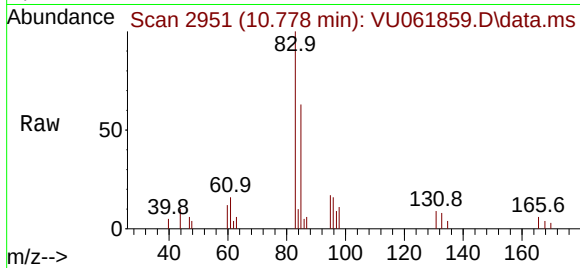
Tgt Ion: 83 Resp: 5670

Ion Ratio Lower Upper

83 100

85 63.1 44.4 82.4

131 9.1 7.3 10.9



#59

Bromoform

Concen: 0.443 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. 0.006 min

Lab File: VU061859.D

Acq: 20 Nov 2024 10:56

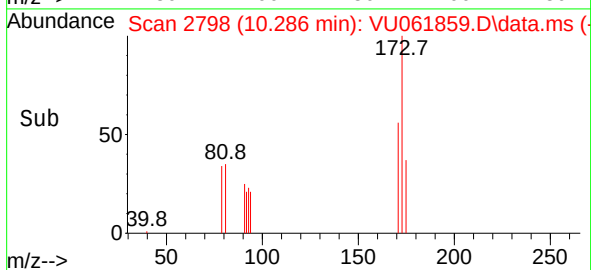
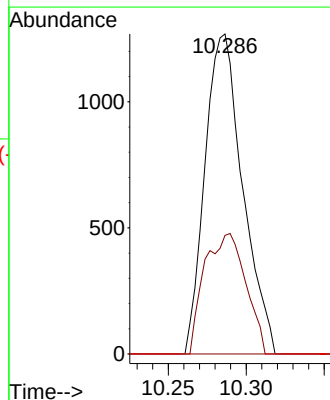
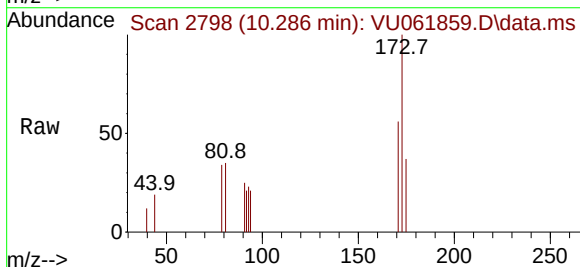
Tgt Ion:173 Resp: 2133

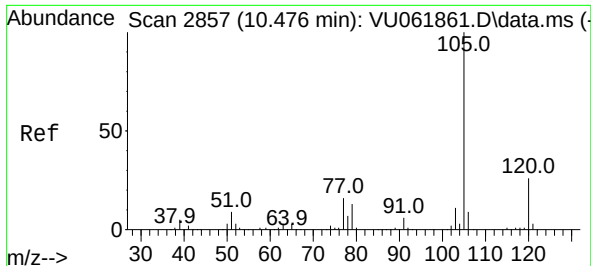
Ion Ratio Lower Upper

173 100

175 41.2 39.0 58.4

254 0.0 7.4 11.0#

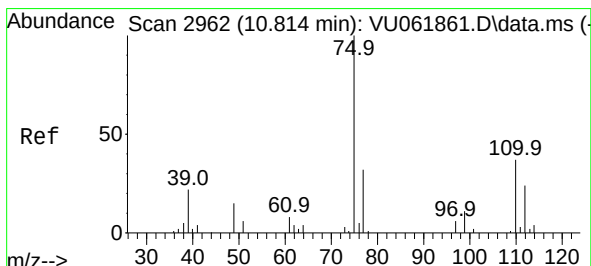
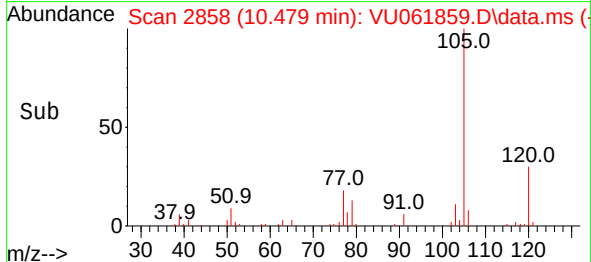
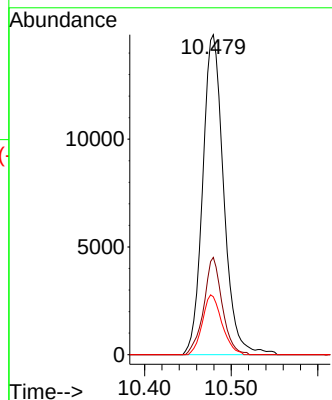
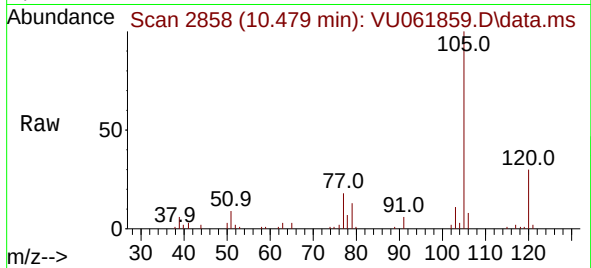




#60
Isopropylbenzene
Concen: 0.519 ug/L
RT: 10.479 min Scan# 2857
Delta R.T. 0.003 min
Lab File: VU061859.D
Acq: 20 Nov 2024 10:56

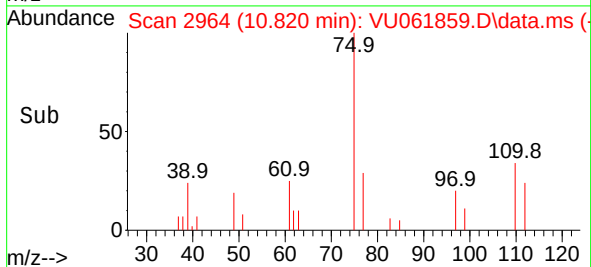
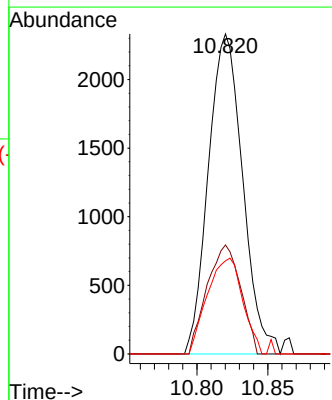
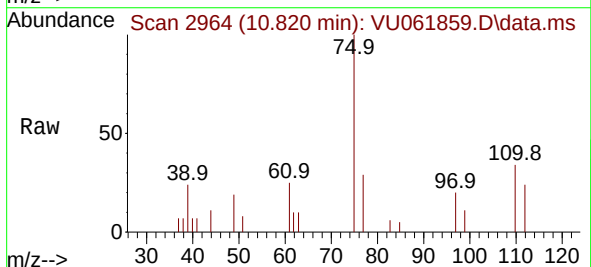
Instrument :
MSVOA_U
ClientSampleId :

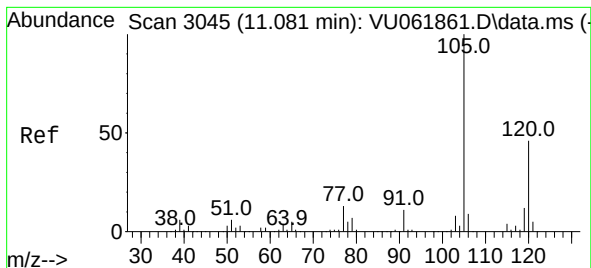
Tgt Ion:105 Resp: 24998
Ion Ratio Lower Upper
105 100
120 26.7 20.6 31.0
77 17.4 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 0.559 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.006 min
Lab File: VU061859.D
Acq: 20 Nov 2024 10:56

Tgt Ion: 75 Resp: 3930
Ion Ratio Lower Upper
75 100
110 33.4 28.9 43.3
77 30.8 26.5 39.7





#62

1,3,5-Trimethylbenzene

Concen: 0.472 ug/L

RT: 11.084 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU061859.D

Acq: 20 Nov 2024 10:56

Instrument :

MSVOA_U

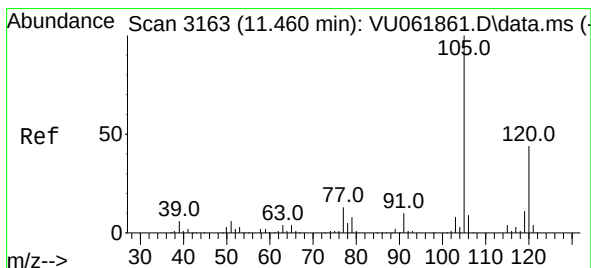
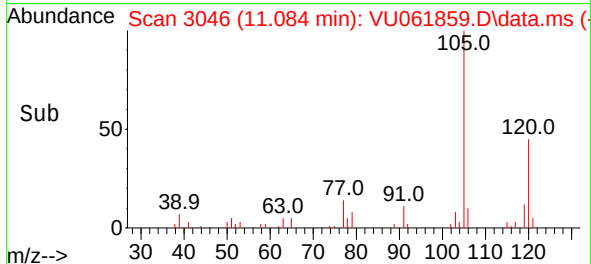
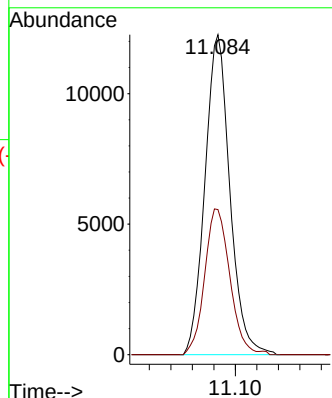
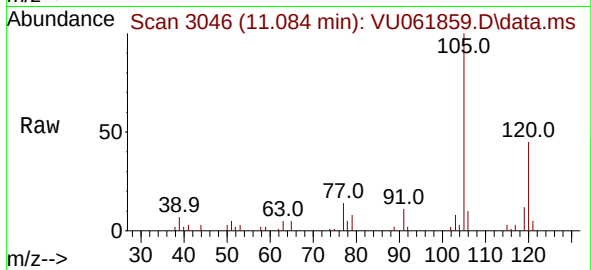
ClientSampleId :

Tgt Ion:105 Resp: 19720

Ion Ratio Lower Upper

105 100

120 46.1 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 0.480 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU061859.D

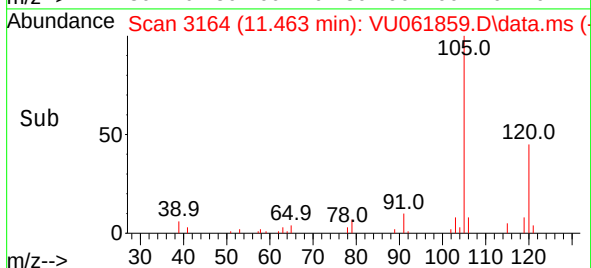
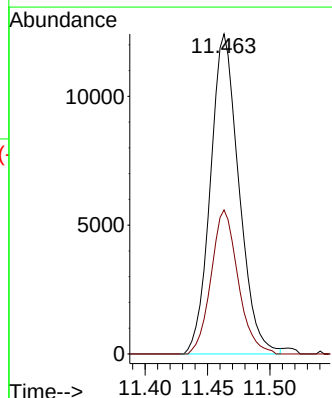
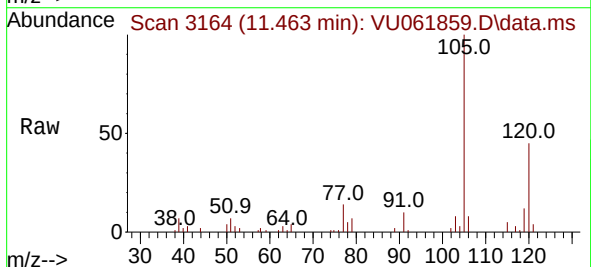
Acq: 20 Nov 2024 10:56

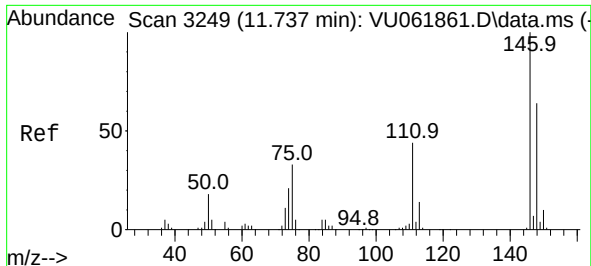
Tgt Ion:105 Resp: 19783

Ion Ratio Lower Upper

105 100

120 42.6 34.7 52.1

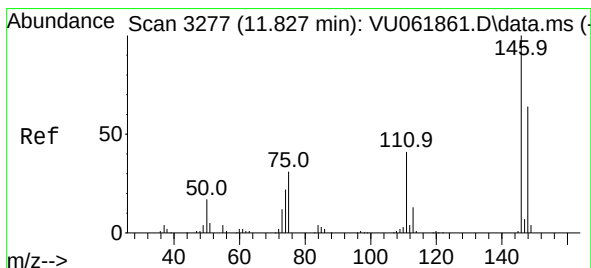
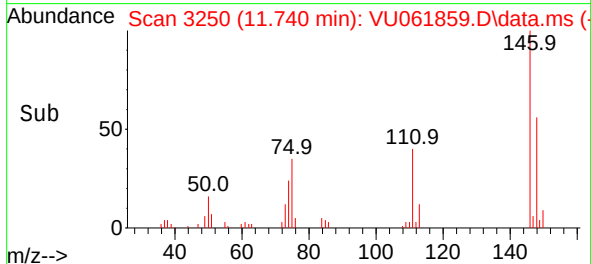
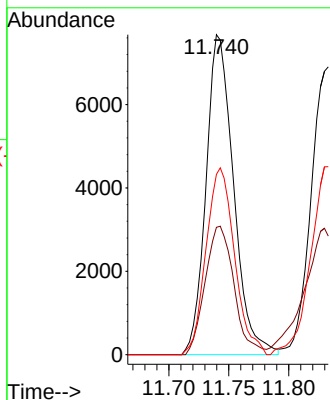
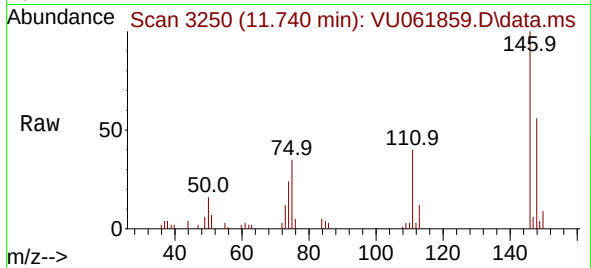




#64
1,3-Dichlorobenzene
Concen: 0.595 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU061859.D
Acq: 20 Nov 2024 10:56

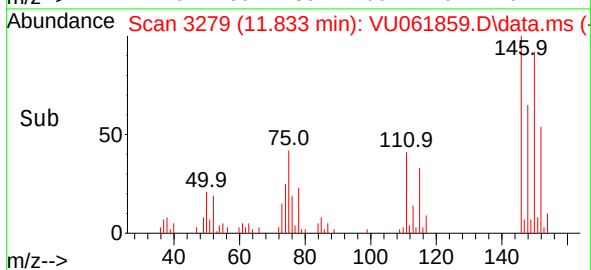
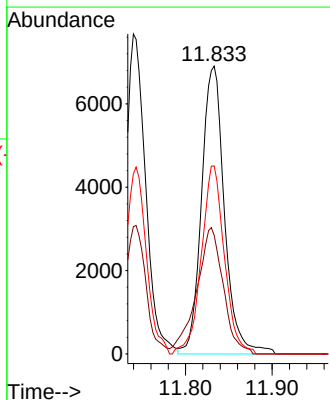
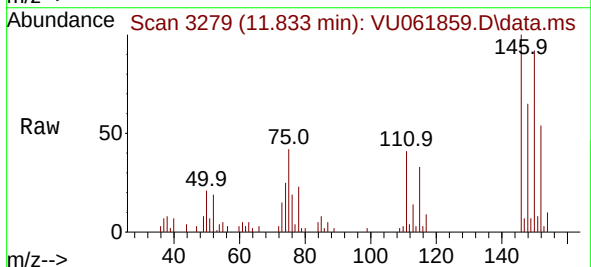
Instrument :
MSVOA_U
ClientSampleId :

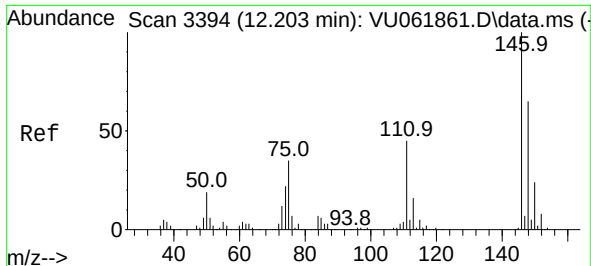
Tgt Ion:146 Resp: 12283
Ion Ratio Lower Upper
146 100
111 39.8 30.7 57.1
148 56.4 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 0.623 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.006 min
Lab File: VU061859.D
Acq: 20 Nov 2024 10:56

Tgt Ion:146 Resp: 12700
Ion Ratio Lower Upper
146 100
111 41.2 29.3 54.3
148 65.3 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 0.647 ug/L

RT: 12.209 min Scan# 3394

Delta R.T. 0.006 min

Lab File: VU061859.D

Acq: 20 Nov 2024 10:56

Instrument :

MSVOA_U

ClientSampleId :

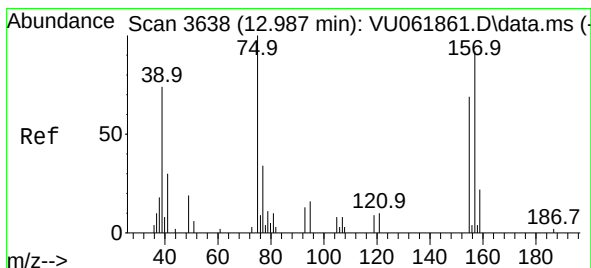
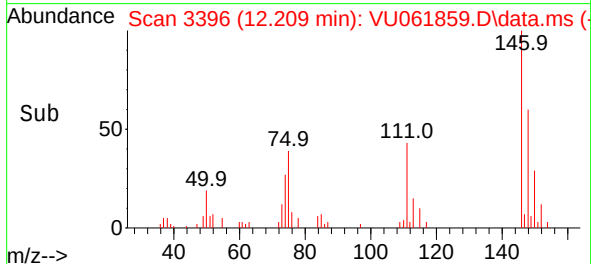
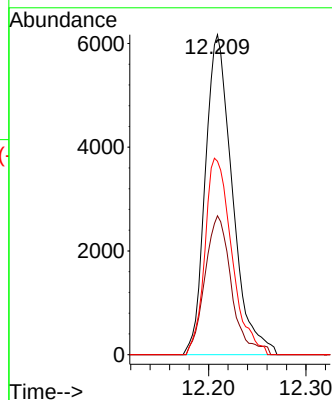
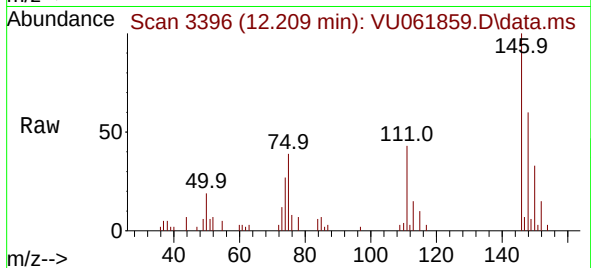
Tgt Ion:146 Resp: 11865

Ion Ratio Lower Upper

146 100

111 43.4 36.0 54.0

148 60.5 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 0.480 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.006 min

Lab File: VU061859.D

Acq: 20 Nov 2024 10:56

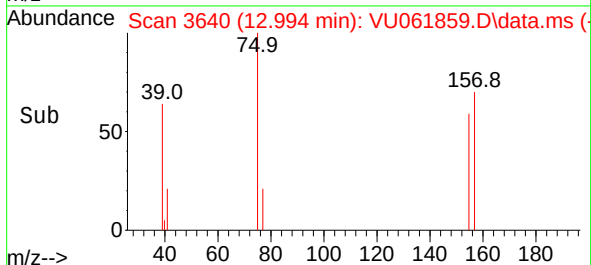
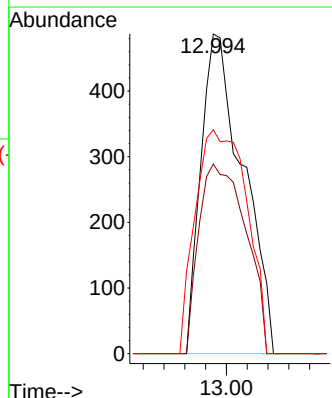
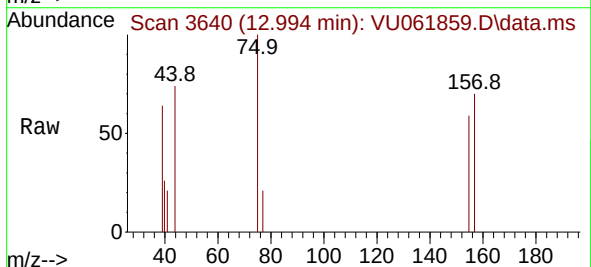
Tgt Ion: 75 Resp: 685

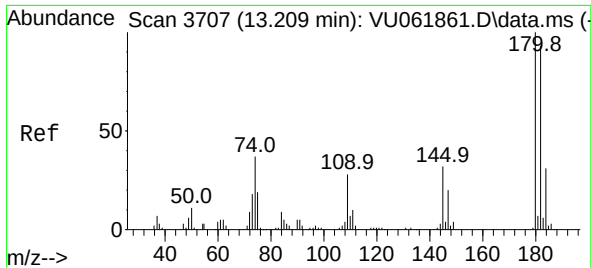
Ion Ratio Lower Upper

75 100

155 59.3 55.2 82.8

157 70.0 73.5 110.3#





#69

1,3,5-Trichlorobenzene

Concen: 0.625 ug/L

RT: 13.219 min Scan# 3

Delta R.T. 0.009 min

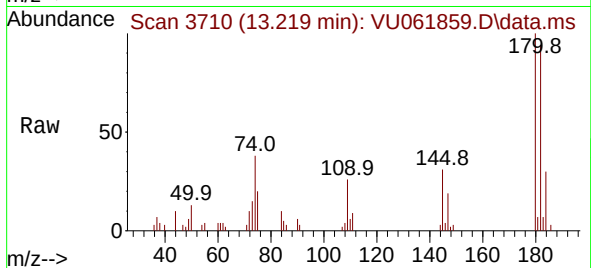
Lab File: VU061859.D

Acq: 20 Nov 2024 10:56

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 8579

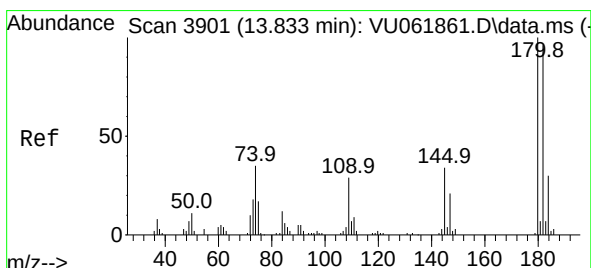
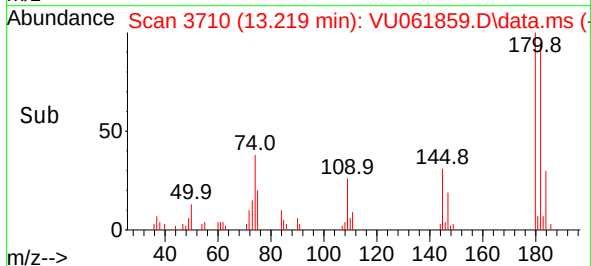
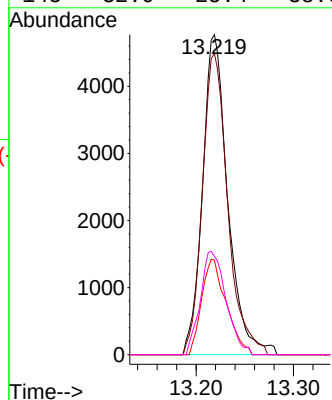
Ion Ratio Lower Upper

180 100

182 94.7 76.7 115.1

184 29.1 24.8 37.2

145 32.9 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 0.663 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.006 min

Lab File: VU061859.D

Acq: 20 Nov 2024 10:56

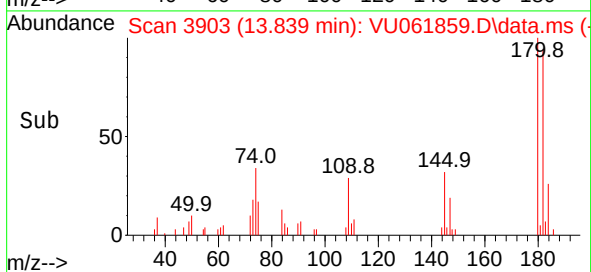
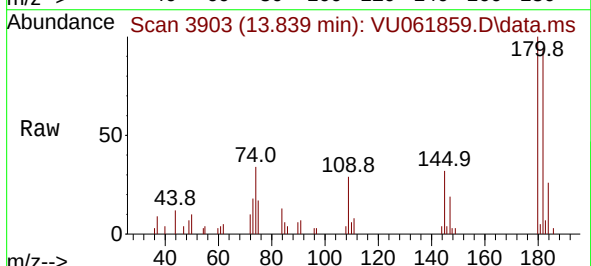
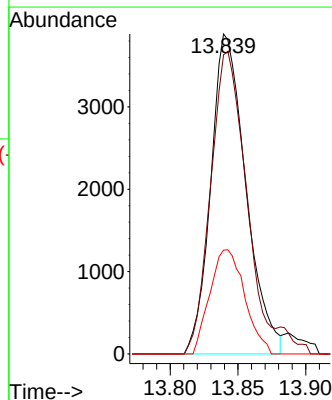
Tgt Ion:180 Resp: 6976

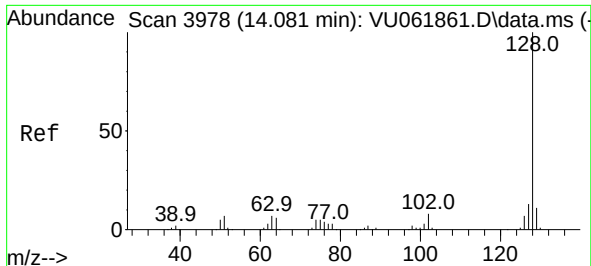
Ion Ratio Lower Upper

180 100

182 99.4 74.5 111.7

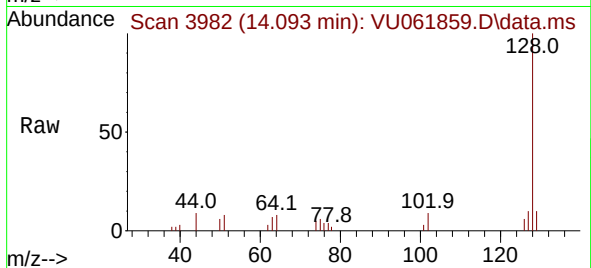
145 32.4 25.6 38.4



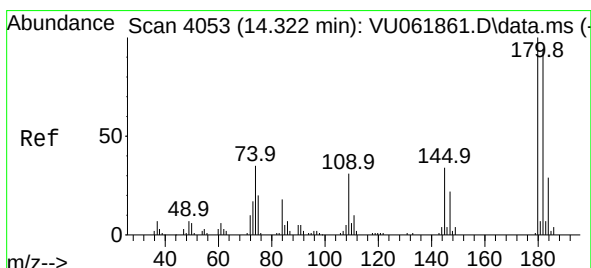
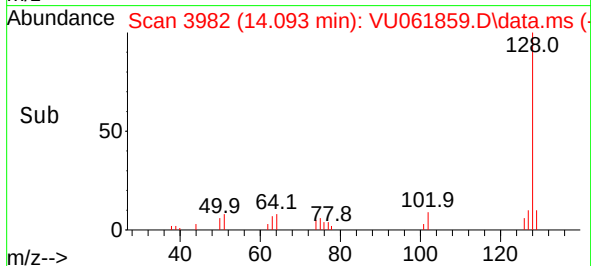
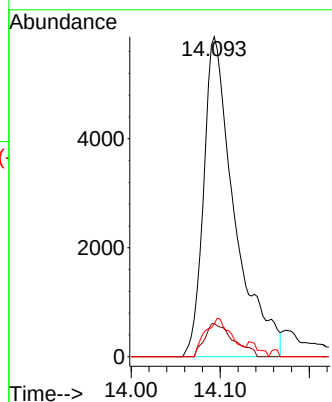


#71
Naphthalene
Concen: 0.836 ug/L
RT: 14.093 min Scan# 3982
Delta R.T. 0.013 min
Lab File: VU061859.D
Acq: 20 Nov 2024 10:56

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 14099
Ion Ratio Lower Upper
128 100
129 9.7 8.5 12.7
127 10.3 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 0.748 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.006 min
Lab File: VU061859.D
Acq: 20 Nov 2024 10:56

Tgt Ion:180 Resp: 6568
Ion Ratio Lower Upper
180 100
182 94.3 76.1 114.1
145 32.0 27.4 41.0

