

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080824\
 Data File : VU060349.D
 Acq On : 08 Aug 2024 10:47
 Operator : MD/SY
 Sample : VSTD0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 08 23:24:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 08 23:23:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	112706	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	116868	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	53284	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	3924	0.487	ug/L	0.00
7) Chloroethane-d5	1.910	69	3696	0.495	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	1727	0.539	ug/L	0.00
20) 2-Butanone-d5	4.676	46	7288	3.950	ug/L	0.04
24) Chloroform-d	5.058	84	7827	0.467	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.705	65	3724	0.481	ug/L	0.00
32) Benzene-d6	5.727	84	15187	0.477	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.688	67	4736	0.467	ug/L	0.00
41) Toluene-d8	7.897	98	11731	0.405	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.184	79	1221	0.357	ug/L	0.00
46) 2-Hexanone-d5	8.637	63	5168	3.340	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	3922	0.440	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.193	152	4210	0.433	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	2391	0.297	ug/L	93
3) Chloromethane	1.518	50	3356	0.341	ug/L	93
5) Vinyl chloride	1.602	62	3991	0.361	ug/L	100
6) Bromomethane	1.856	94	2715	0.371	ug/L	92
8) Chloroethane	1.933	64	2961	0.406	ug/L	90
9) Trichlorofluoromethane	2.132	101	5394	0.381	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	3630	0.391	ug/L	98
12) 1,1-Dichloroethene	2.573	96	3311	0.393	ug/L	90
13) Acetone	2.653	43	4673	3.726	ug/L	78
14) Carbon disulfide	2.788	76	8243	0.345	ug/L	95
15) Methyl Acetate	2.975	43	1108	0.381	ug/L #	67
16) Methylene chloride	3.039	84	7118	0.689	ug/L	96
17) Methyl tert-butyl Ether	3.364	73	7205	0.371	ug/L #	90
18) trans-1,2-Dichloroethene	3.354	96	3159	0.362	ug/L	92
19) 1,1-Dichloroethane	3.865	63	6612	0.396	ug/L	97
21) 2-Butanone	4.746	43	3027	1.562	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	3573	0.364	ug/L	84
23) Bromochloromethane	4.971	128	1618	0.339	ug/L	90
25) Chloroform	5.087	83	7416	0.403	ug/L	96
27) 1,2-Dichloroethane	5.795	62	3700	0.354	ug/L	97
29) 1,1,1-Trichloroethane	5.315	97	5255	0.367	ug/L	95
30) Cyclohexane	5.383	56	3705	0.326	ug/L	98
31) Carbon tetrachloride	5.518	117	4844	0.391	ug/L	96
33) Benzene	5.772	78	13388	0.354	ug/L	100
34) Trichloroethene	6.540	95	3744	0.372	ug/L	94
35) Methylcyclohexane	6.756	83	4045	0.310	ug/L	96
37) 1,2-Dichloropropane	6.785	63	3780	0.367	ug/L #	91
38) Bromodichloromethane	7.103	83	4671	0.362	ug/L	100
39) cis-1,3-Dichloropropene	7.608	75	4809	0.357	ug/L	96
40) 4-Methyl-2-pentanone	7.791	43	15371	3.324	ug/L	100
42) Toluene	7.968	91	12986	0.323	ug/L	96
44) trans-1,3-Dichloropropene	8.212	75	3991	0.352	ug/L	93

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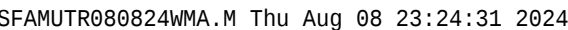
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 08 23:23:41 2024
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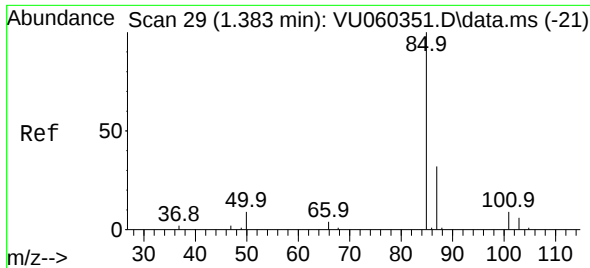
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.399	97	2962	0.377	ug/L	91
47) Tetrachloroethene	8.553	164	2783	0.340	ug/L	92
48) 2-Hexanone	8.688	43	10456	3.043	ug/L	93
49) Dibromochloromethane	8.807	129	2915	0.337	ug/L	87
50) 1,2-Dibromoethane	8.920	107	2657	0.374	ug/L #	94
51) Chlorobenzene	9.444	112	9697	0.368	ug/L	96
52) Ethylbenzene	9.566	91	13699	0.340	ug/L	98
53) m,p-Xylene	9.695	106	4615	0.296	ug/L	86
54) o-Xylene	10.097	106	4375	0.293	ug/L	95
55) Styrene	10.116	104	7120	0.280	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.778	83	3708	0.383	ug/L #	86
59) Bromoform	10.290	173	1828	0.383	ug/L #	92
60) Isopropylbenzene	10.479	105	12357	0.359	ug/L	98
61) 1,2,3-Trichloropropane	10.823	75	2390	0.427	ug/L	90
62) 1,3,5-Trimethylbenzene	11.084	105	8459	0.321	ug/L	95
63) 1,2,4-Trimethylbenzene	11.466	105	8012	0.313	ug/L	96
64) 1,3-Dichlorobenzene	11.743	146	6818	0.371	ug/L	96
65) 1,4-Dichlorobenzene	11.833	146	7480	0.397	ug/L	97
67) 1,2-Dichlorobenzene	12.212	146	6523	0.370	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.990	75	330	0.301	ug/L #	76
69) 1,3,5-Trichlorobenzene	13.219	180	5159	0.372	ug/L	97
70) 1,2,4-trichlorobenzene	13.842	180	3861	0.362	ug/L	92
71) Naphthalene	14.096	128	4201	0.275	ug/L #	90
72) 1,2,3-Trichlorobenzene	14.331	180	3563	0.373	ug/L	96

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

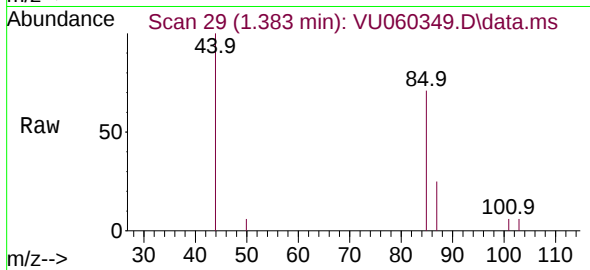
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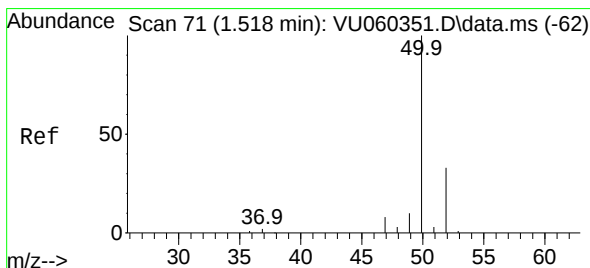
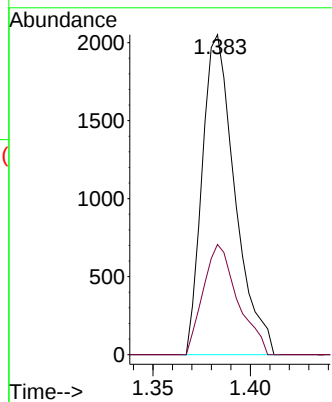
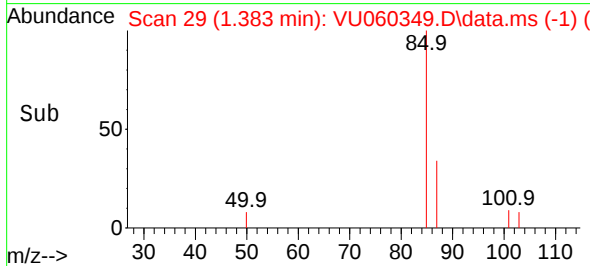


#2
 Dichlorodifluoromethane
 Concen: 0.297 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU060349.D
 Acq: 08 Aug 2024 10:47

Instrument :
 MSVOA_U
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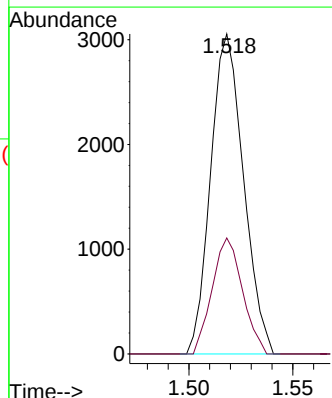
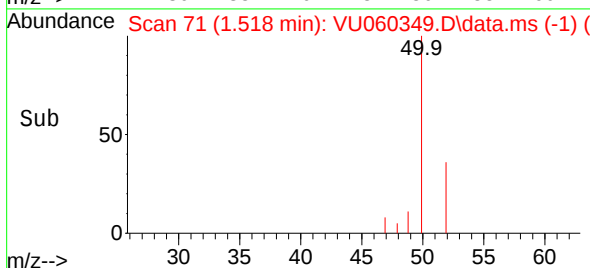
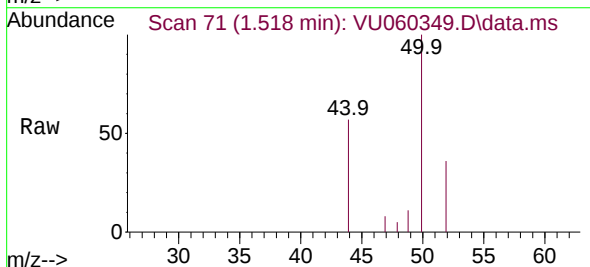


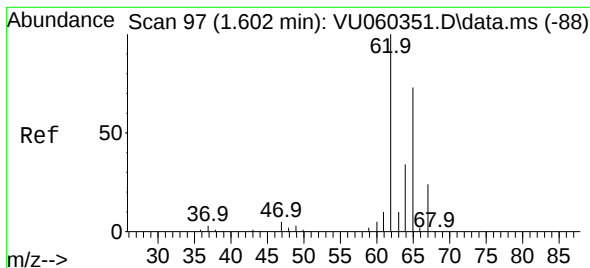
Tgt Ion: 85 Resp: 2391
 Ion Ratio Lower Upper
 85 100
 87 36.3 25.7 38.5



#3
 Chloromethane
 Concen: 0.341 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU060349.D
 Acq: 08 Aug 2024 10:47

Tgt Ion: 50 Resp: 3356
 Ion Ratio Lower Upper
 50 100
 52 36.3 22.8 42.4





#5

Vinyl chloride

Concen: 0.361 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU060349.D

Acq: 08 Aug 2024 10:47

Instrument :

MSVOA_U

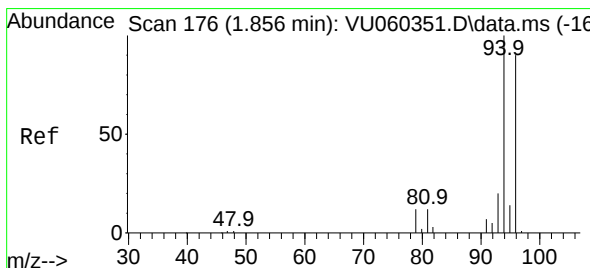
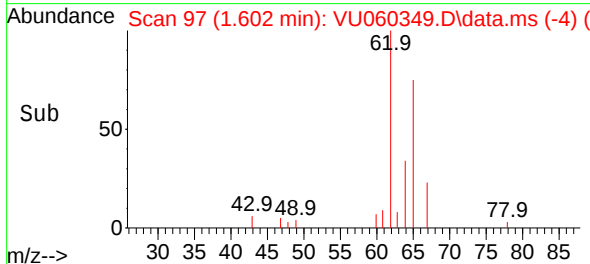
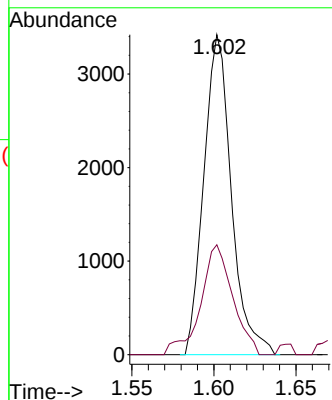
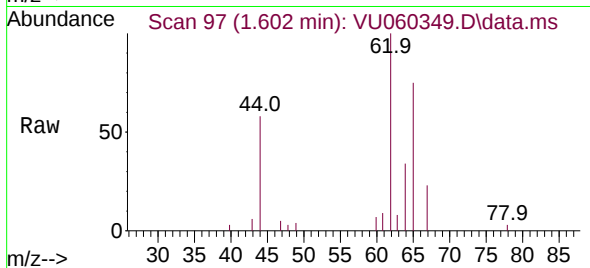
ClientSampleId :

Tgt Ion: 62 Resp: 3991

Ion Ratio Lower Upper

62 100

64 34.3 24.1 44.7



#6

Bromomethane

Concen: 0.371 ug/L

RT: 1.856 min Scan# 176

Delta R.T. -0.000 min

Lab File: VU060349.D

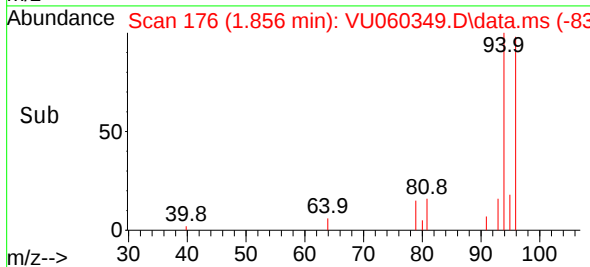
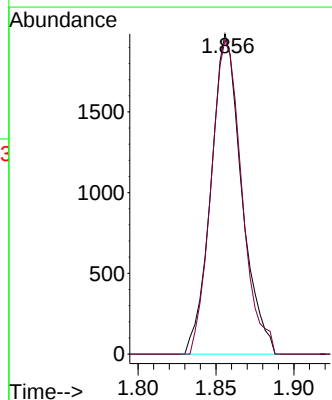
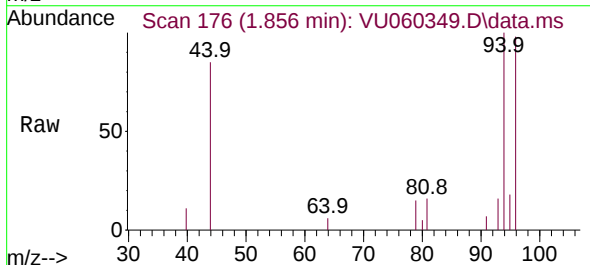
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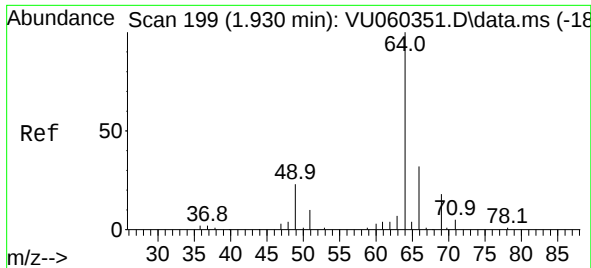
Tgt Ion: 94 Resp: 2715

Ion Ratio Lower Upper

94 100

96 98.0 63.2 117.4

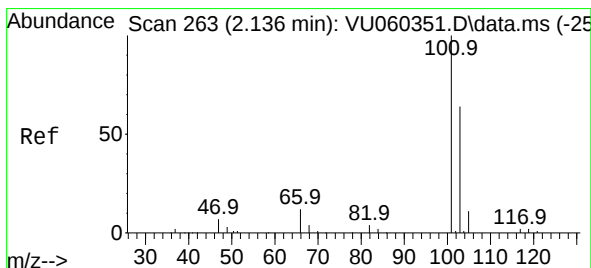
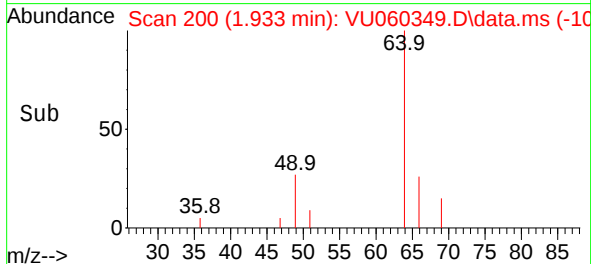
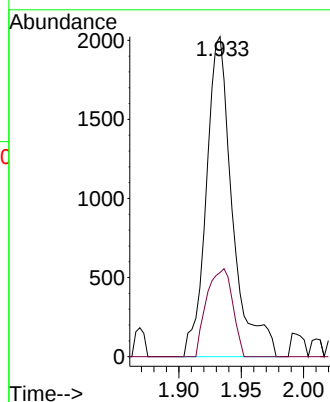
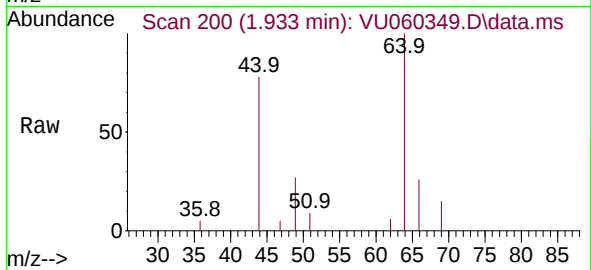




#8
Chloroethane
Concen: 0.406 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU060349.D
Acq: 08 Aug 2024 10:47

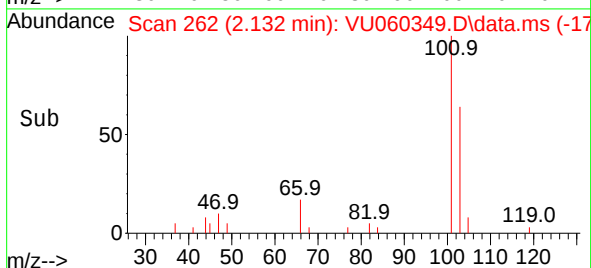
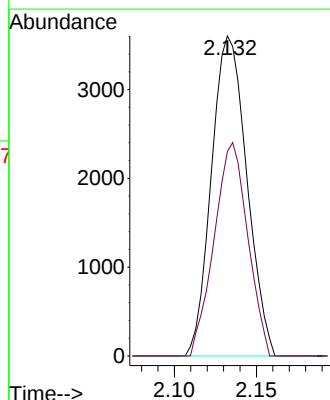
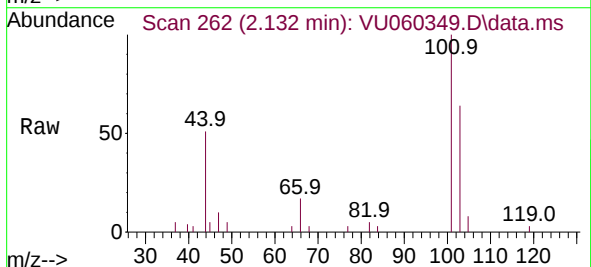
Instrument :
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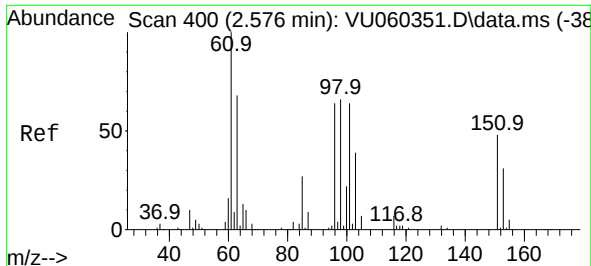
Tgt Ion: 64 Resp: 2961
Ion Ratio Lower Upper
64 100
66 26.3 22.2 41.2



#9
Trichlorofluoromethane
Concen: 0.381 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.003 min
Lab File: VU060349.D
Acq: 08 Aug 2024 10:47

Tgt Ion:101 Resp: 5394
Ion Ratio Lower Upper
101 100
103 63.2 51.7 77.5

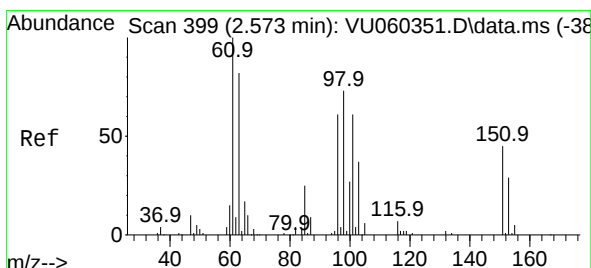
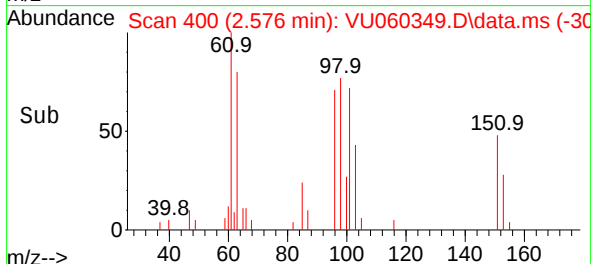
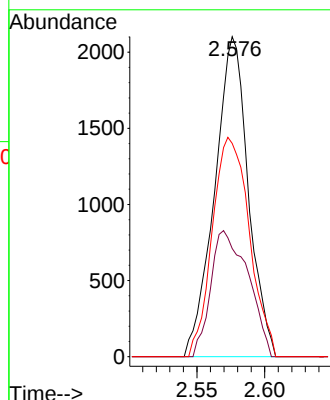
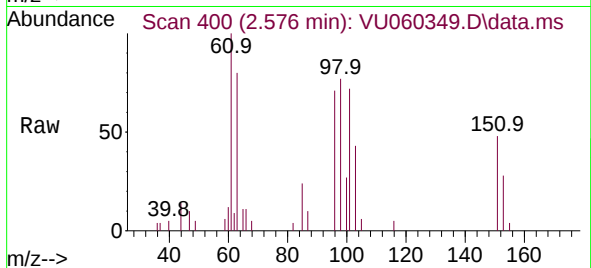




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.391 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU060349.D
 Acq: 08 Aug 2024 10:47

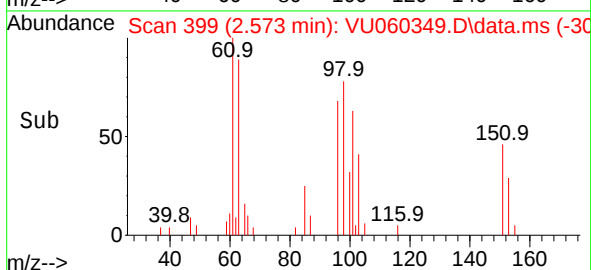
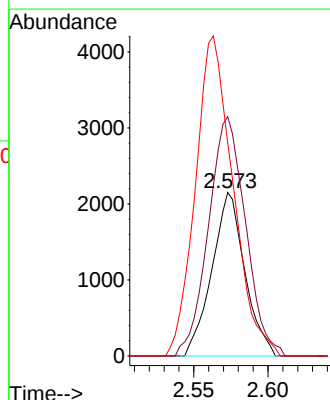
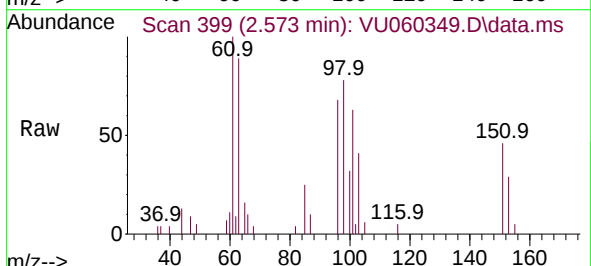
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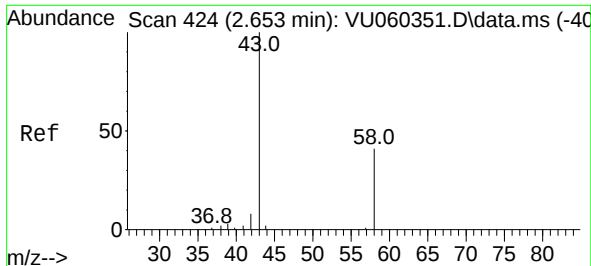
Tgt Ion:101 Resp: 3630
 Ion Ratio Lower Upper
 101 100
 85 43.9 33.5 50.3
 151 75.5 59.7 89.5



#12
 1,1-Dichloroethene
 Concen: 0.393 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU060349.D
 Acq: 08 Aug 2024 10:47

Tgt Ion: 96 Resp: 3311
 Ion Ratio Lower Upper
 96 100
 61 146.4 114.4 212.4
 63 130.3 96.0 178.4

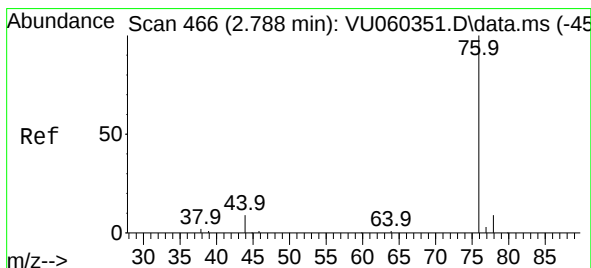
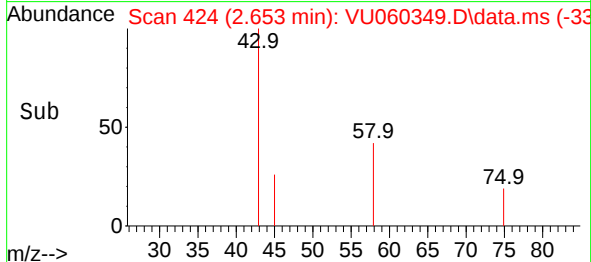
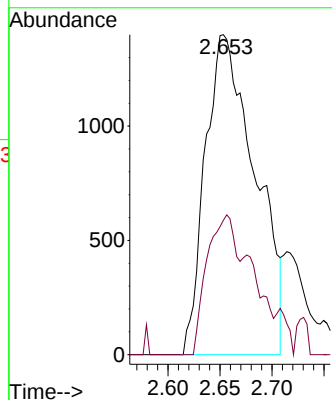
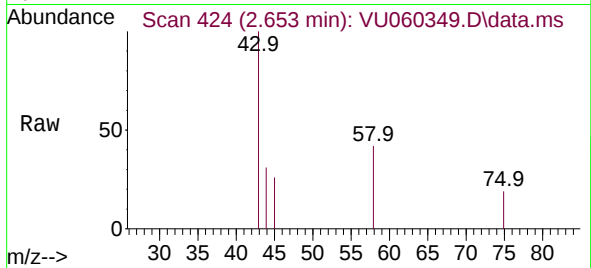




#13
Acetone
Concen: 3.726 ug/L
RT: 2.653 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU060349.D
Acq: 08 Aug 2024 10:47

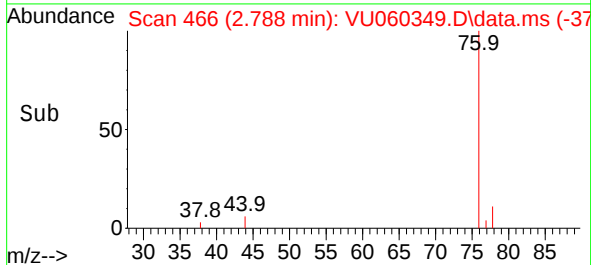
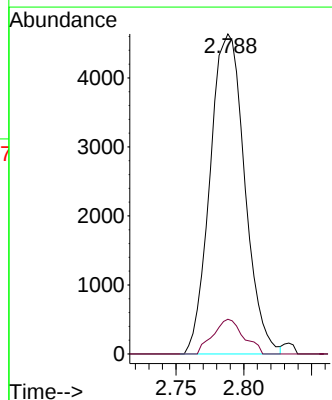
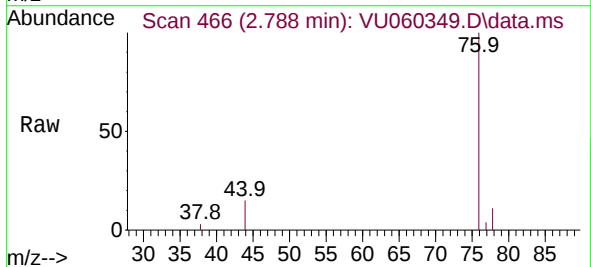
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MSVOA_U
ClientSampleId :

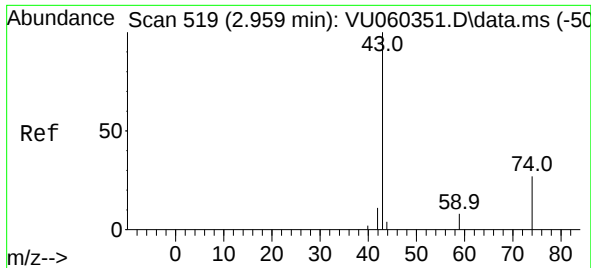
Tgt Ion: 43 Resp: 4673
Ion Ratio Lower Upper
43 100
58 26.1 0.0 78.8



#14
Carbon disulfide
Concen: 0.345 ug/L
RT: 2.788 min Scan# 466
Delta R.T. -0.000 min
Lab File: VU060349.D
Acq: 08 Aug 2024 10:47

Tgt Ion: 76 Resp: 8243
Ion Ratio Lower Upper
76 100
78 10.8 7.4 11.0





#15

Methyl Acetate

Concen: 0.381 ug/L

RT: 2.975 min Scan# 51

Delta R.T. 0.016 min

Lab File: VU060349.D

Acq: 08 Aug 2024 10:47

Instrument :

MSVOA_U

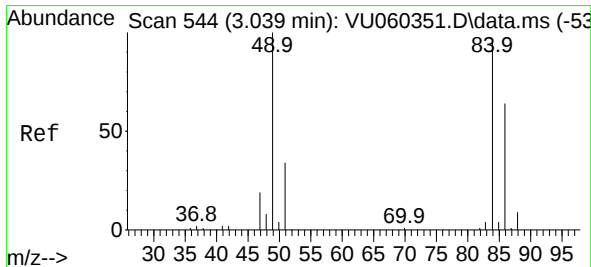
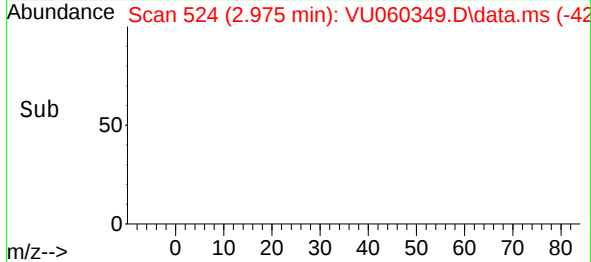
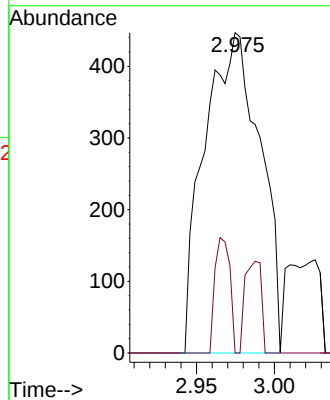
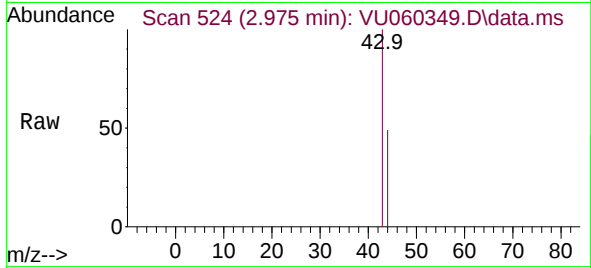
ClientSampleId :

Tgt Ion: 43 Resp: 1108

Ion Ratio Lower Upper

43 100

74 9.7 21.3 31.9#



#16

Methylene chloride

Concen: 0.689 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

Lab File: VU060349.D

Acq: 08 Aug 2024 10:47

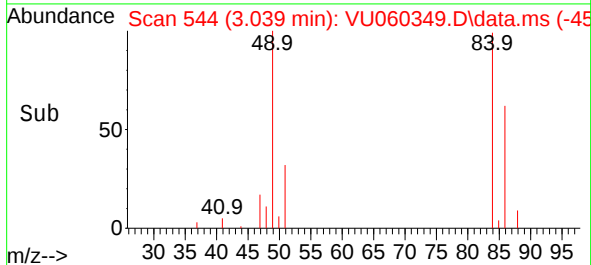
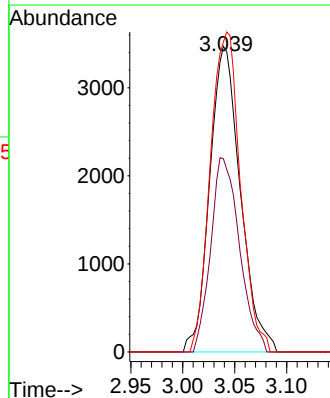
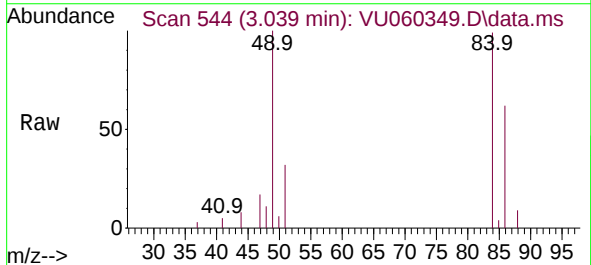
Tgt Ion: 84 Resp: 7118

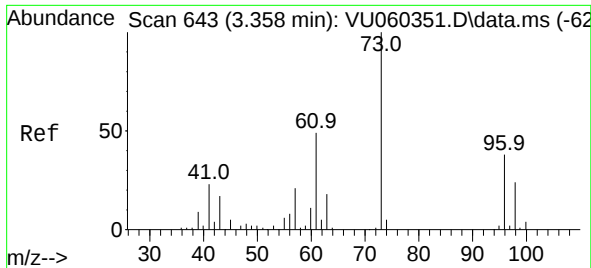
Ion Ratio Lower Upper

84 100

86 63.2 47.1 87.5

49 101.4 73.9 137.3

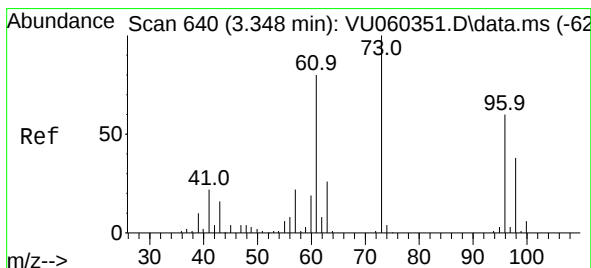
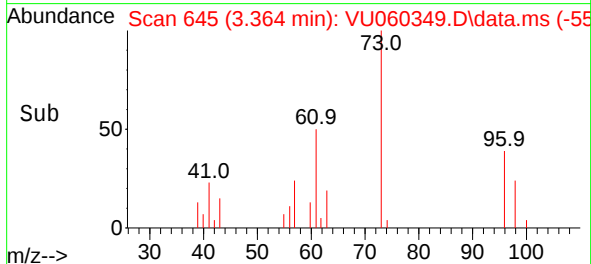
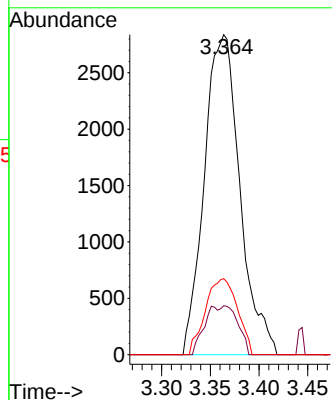
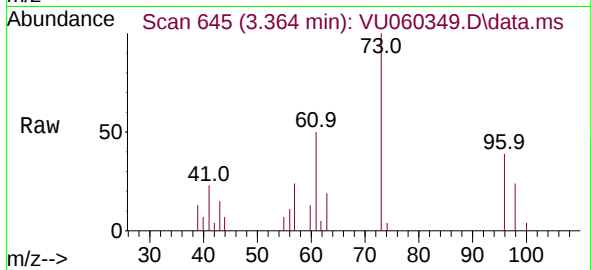




#17
Methyl tert-butyl Ether
Concen: 0.371 ug/L
RT: 3.364 min Scan# 641
Delta R.T. 0.006 min
Lab File: VU060349.D
Acq: 08 Aug 2024 10:47

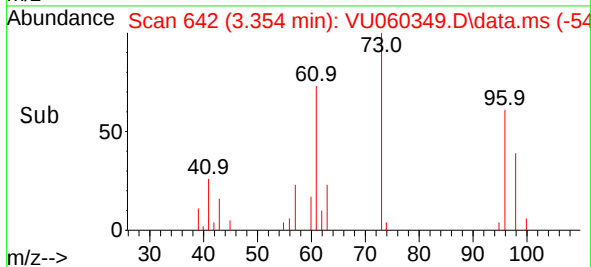
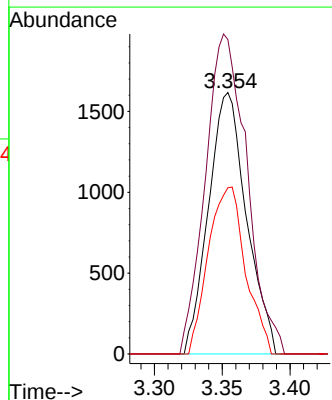
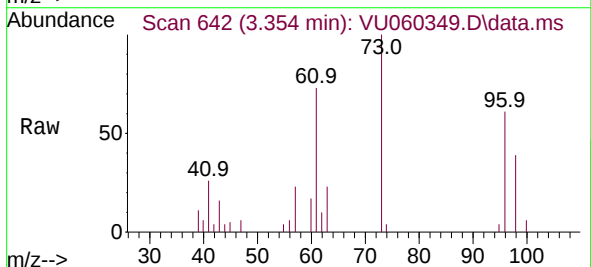
Instrument :
MSVOA_U
ClientSampleId :

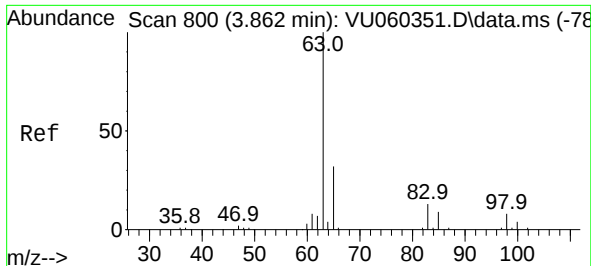
Tgt Ion: 73 Resp: 7205
Ion Ratio Lower Upper
73 100
43 6.2 12.8 19.2#
57 21.4 17.5 26.3



#18
trans-1,2-Dichloroethene
Concen: 0.362 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.006 min
Lab File: VU060349.D
Acq: 08 Aug 2024 10:47

Tgt Ion: 96 Resp: 3159
Ion Ratio Lower Upper
96 100
61 120.2 93.7 174.1
98 63.6 44.7 82.9

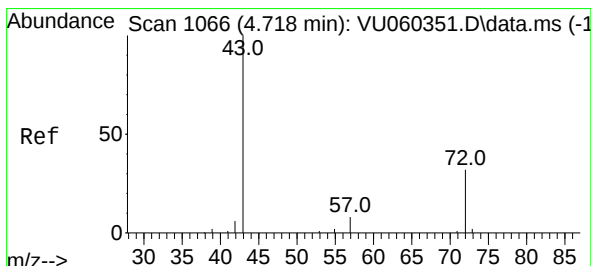
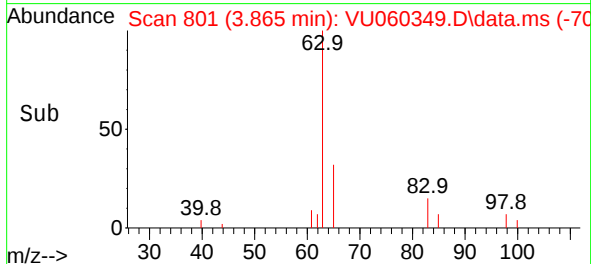
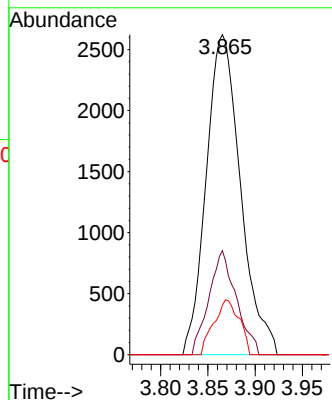
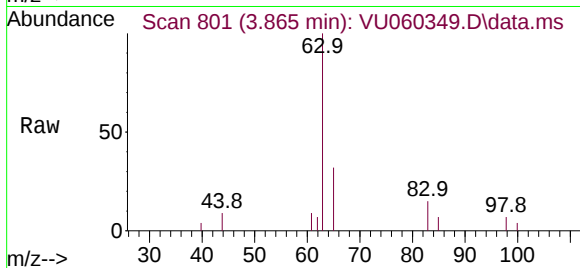




#19
1,1-Dichloroethane
Concen: 0.396 ug/L
RT: 3.865 min Scan# 800
Delta R.T. 0.003 min
Lab File: VU060349.D
Acq: 08 Aug 2024 10:47

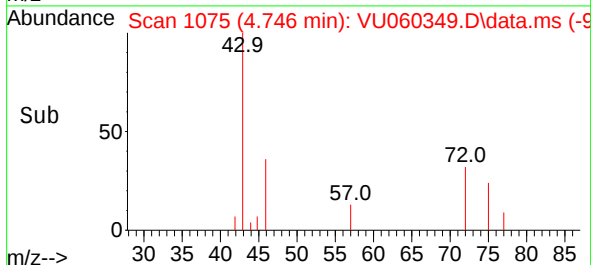
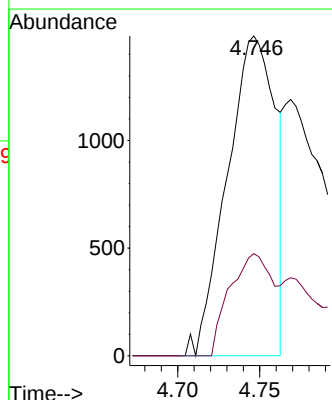
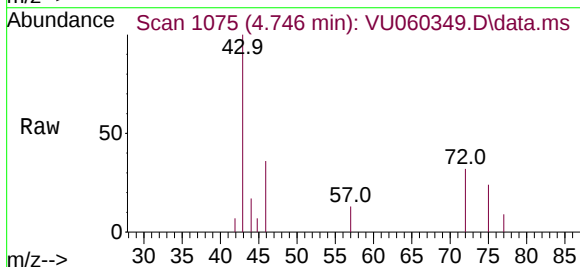
Instrument :
MSVOA_U
ClientSampleId :

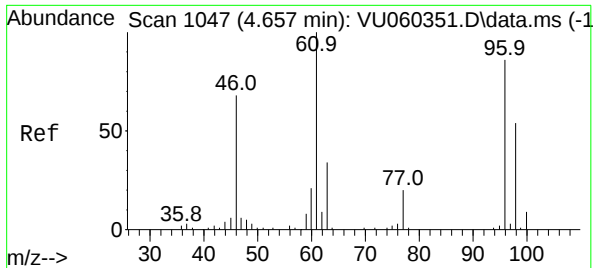
Tgt Ion: 63 Resp: 6612
Ion Ratio Lower Upper
63 100
65 32.5 22.2 41.2
83 15.4 9.1 16.9



#21
2-Butanone
Concen: 1.562 ug/L
RT: 4.746 min Scan# 1075
Delta R.T. 0.029 min
Lab File: VU060349.D
Acq: 08 Aug 2024 10:47

Tgt Ion: 43 Resp: 3027
Ion Ratio Lower Upper
43 100
72 29.3 15.9 47.6

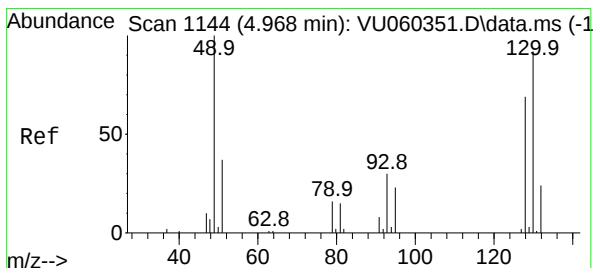
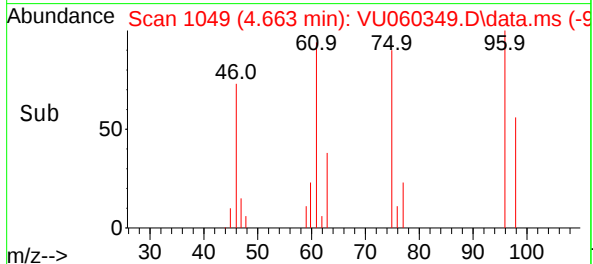
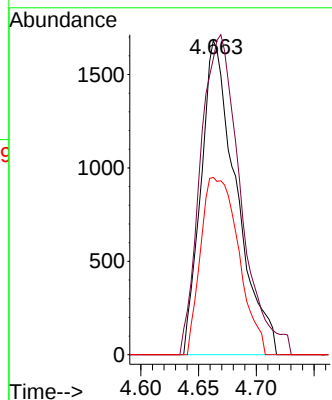
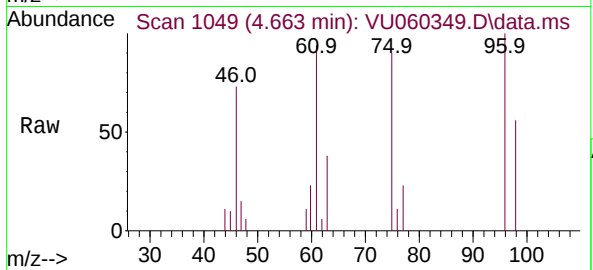




#22
cis-1,2-Dichloroethene
Concen: 0.364 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.006 min
Lab File: VU060349.D
Acq: 08 Aug 2024 10:47

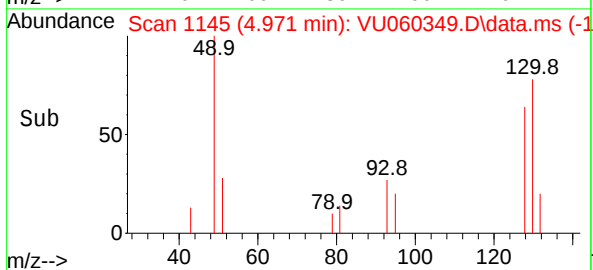
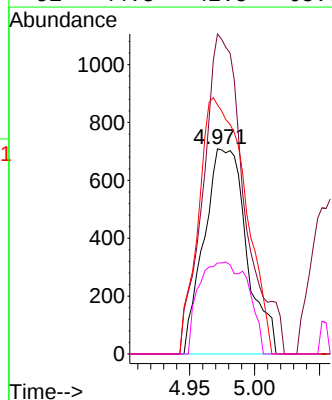
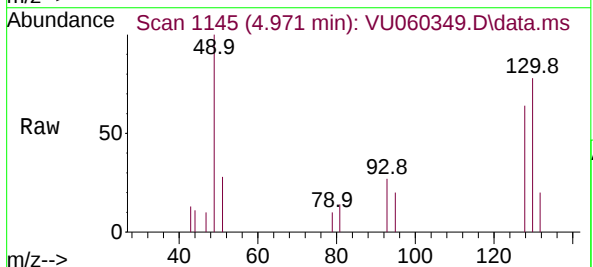
Instrument :
MSVOA_U
ClientSampleId :

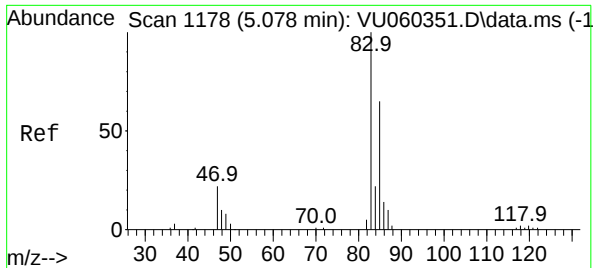
Tgt Ion: 96 Resp: 3573
Ion Ratio Lower Upper
96 100
61 94.2 81.5 151.5
98 56.4 43.5 80.7



#23
Bromochloromethane
Concen: 0.339 ug/L
RT: 4.971 min Scan# 1145
Delta R.T. 0.003 min
Lab File: VU060349.D
Acq: 08 Aug 2024 10:47

Tgt Ion:128 Resp: 1618
Ion Ratio Lower Upper
128 100
49 156.0 101.0 187.6
130 121.4 92.7 172.1
51 44.3 42.5 63.7





#25

Chloroform

Concen: 0.403 ug/L

RT: 5.087 min Scan# 1401

Delta R.T. 0.009 min

Lab File: VU060349.D

Acq: 08 Aug 2024 10:47

Instrument :

MSVOA_U

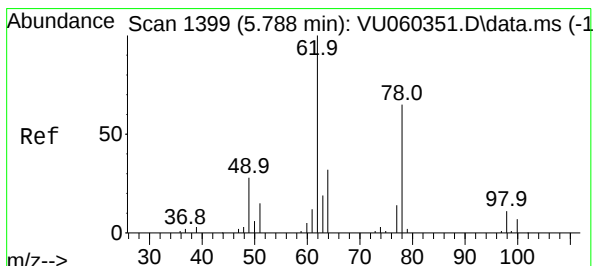
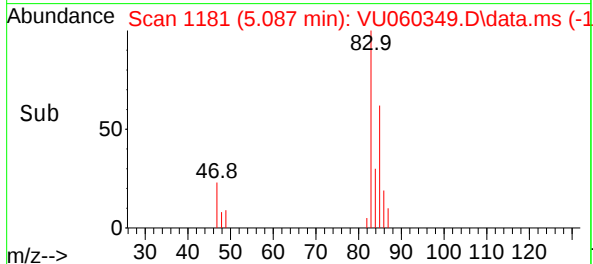
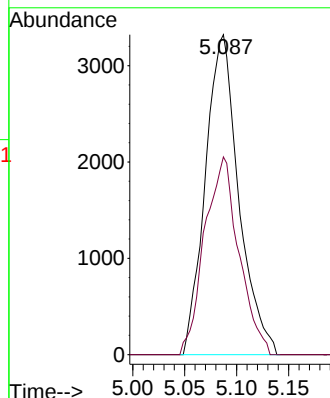
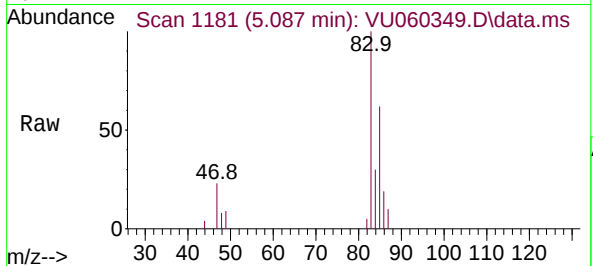
ClientSampleId :

Tgt Ion: 83 Resp: 7416

Ion Ratio Lower Upper

83 100

85 61.8 45.6 84.6



#27

1,2-Dichloroethane

Concen: 0.354 ug/L

RT: 5.795 min Scan# 1401

Delta R.T. 0.006 min

Lab File: VU060349.D

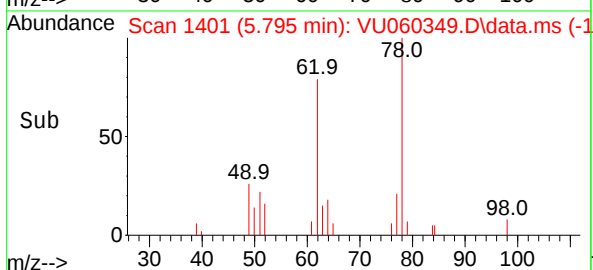
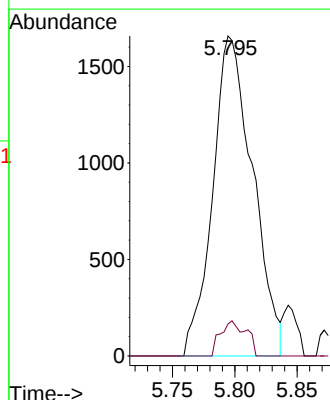
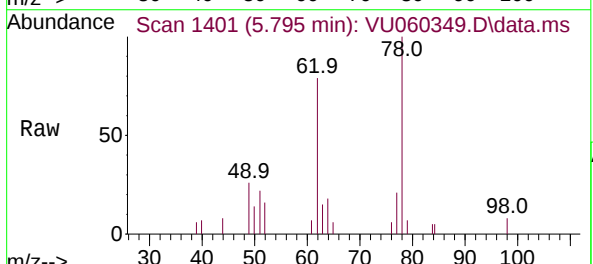
Acq: 08 Aug 2024 10:47

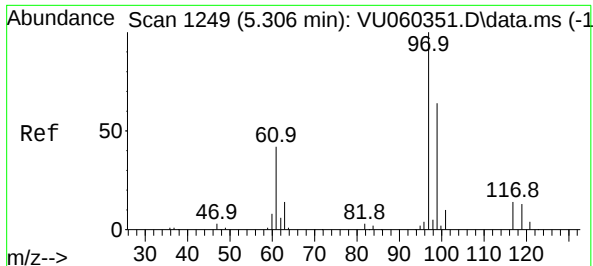
Tgt Ion: 62 Resp: 3700

Ion Ratio Lower Upper

62 100

98 10.0 9.0 13.6

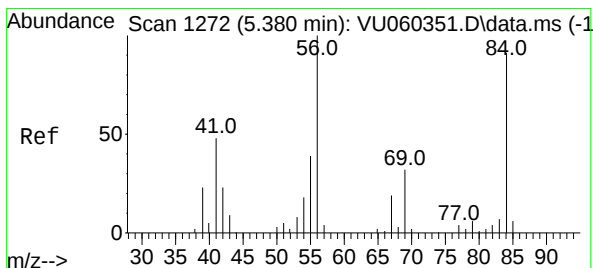
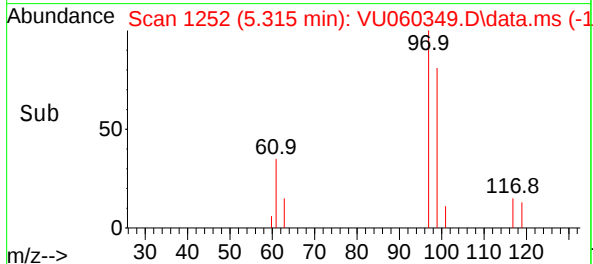
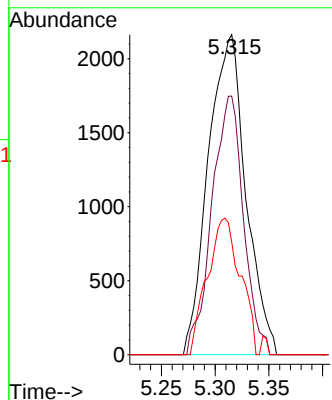
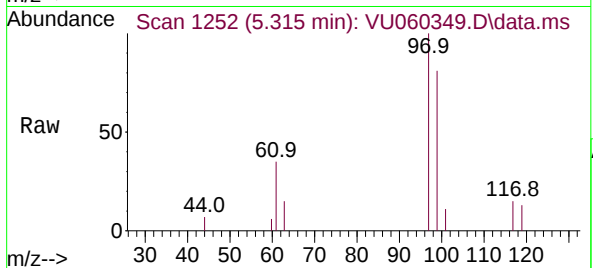




#29
1,1,1-Trichloroethane
Concen: 0.367 ug/L
RT: 5.315 min Scan# 1252
Delta R.T. 0.009 min
Lab File: VU060349.D
Acq: 08 Aug 2024 10:47

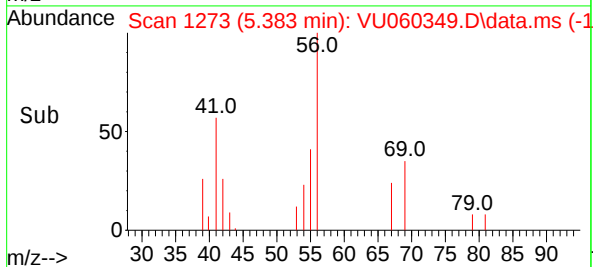
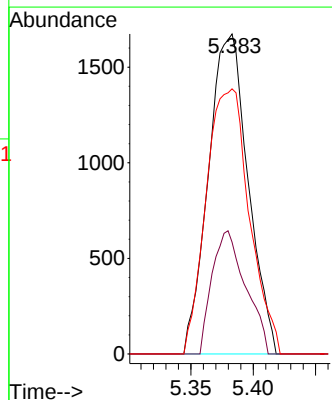
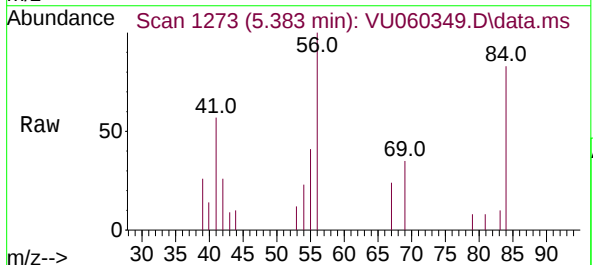
Instrument :
MSVOA_U
ClientSampleId :

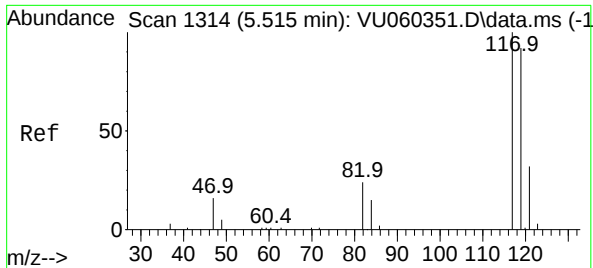
Tgt Ion: 97 Resp: 5255
Ion Ratio Lower Upper
97 100
99 67.9 51.4 77.2
61 37.5 33.0 49.6



#30
Cyclohexane
Concen: 0.326 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VU060349.D
Acq: 08 Aug 2024 10:47

Tgt Ion: 56 Resp: 3705
Ion Ratio Lower Upper
56 100
69 32.6 24.7 37.1
84 90.1 70.7 106.1

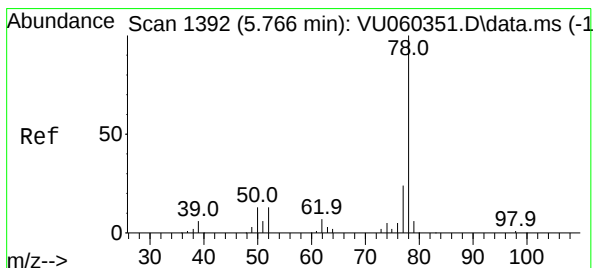
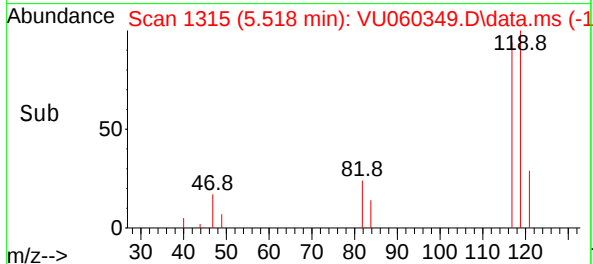
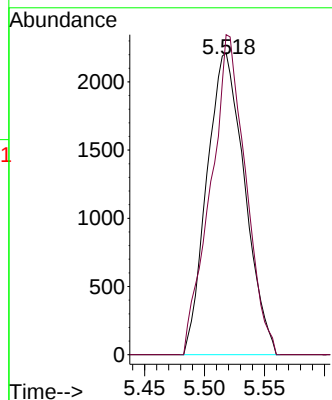
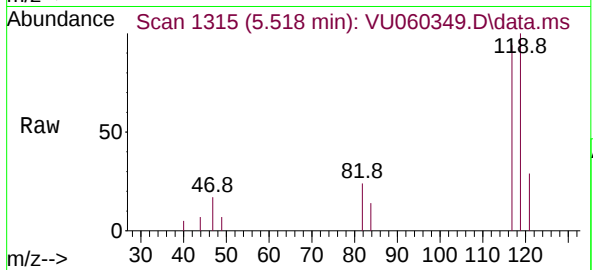




#31
Carbon tetrachloride
Concen: 0.391 ug/L
RT: 5.518 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU060349.D
Acq: 08 Aug 2024 10:47

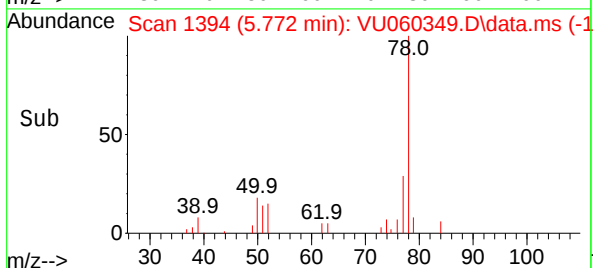
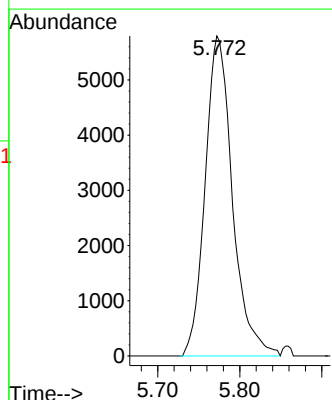
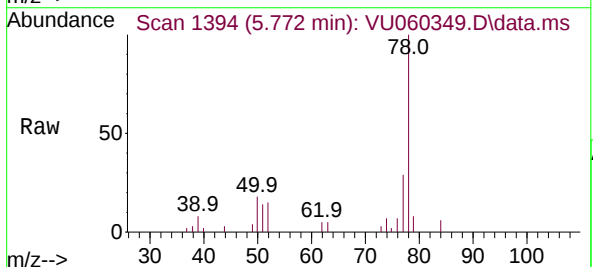
Instrument :
MSVOA_U
ClientSampleId :

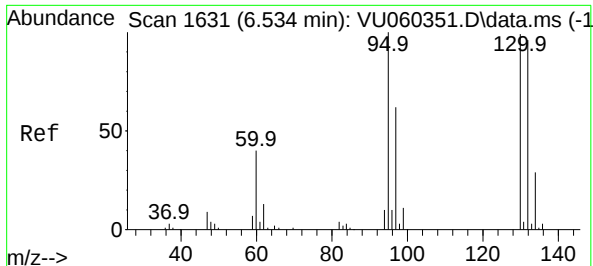
Tgt Ion:117 Resp: 4844
Ion Ratio Lower Upper
117 100
119 98.4 75.8 113.8



#33
Benzene
Concen: 0.354 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.006 min
Lab File: VU060349.D
Acq: 08 Aug 2024 10:47

Tgt Ion: 78 Resp: 13388

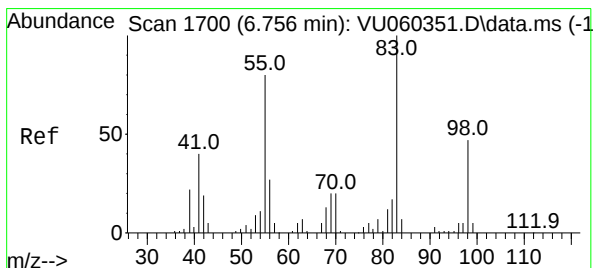
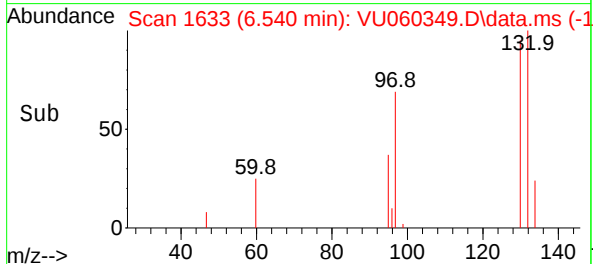
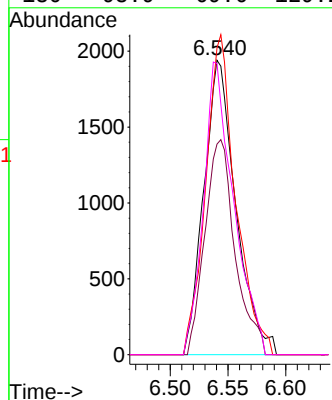
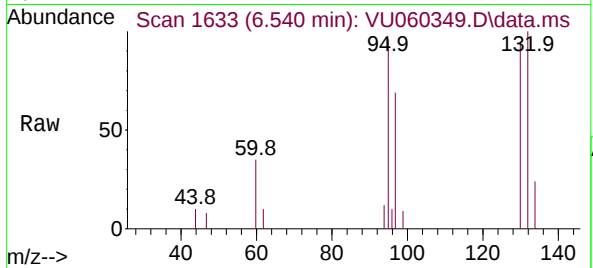




#34
Trichloroethene
Concen: 0.372 ug/L
RT: 6.540 min Scan# 1
Delta R.T. 0.006 min
Lab File: VU060349.D
Acq: 08 Aug 2024 10:47

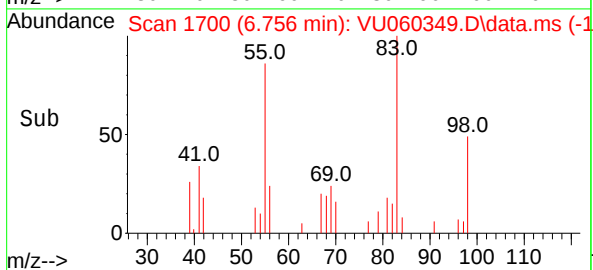
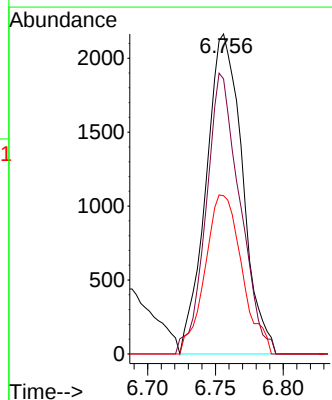
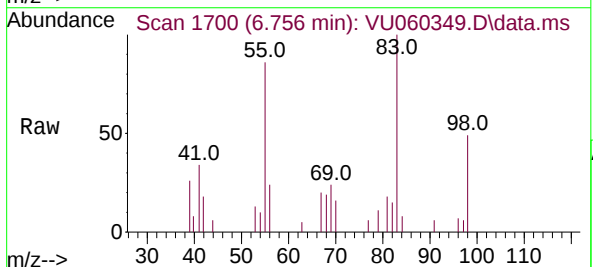
Instrument :
MSVOA_U
ClientSampleId :

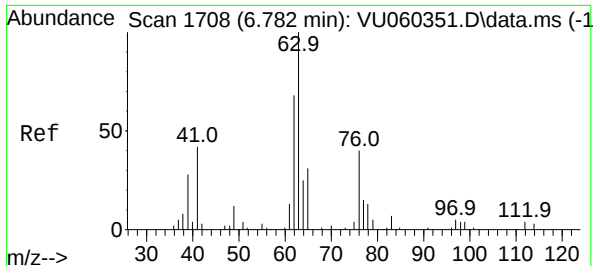
Tgt Ion: 95 Resp: 3744
Ion Ratio Lower Upper
95 100
97 71.5 43.6 81.0
132 104.2 67.1 124.5
130 98.9 69.6 129.2



#35
Methylcyclohexane
Concen: 0.310 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU060349.D
Acq: 08 Aug 2024 10:47

Tgt Ion: 83 Resp: 4045
Ion Ratio Lower Upper
83 100
55 81.3 62.4 93.6
98 50.3 37.3 55.9

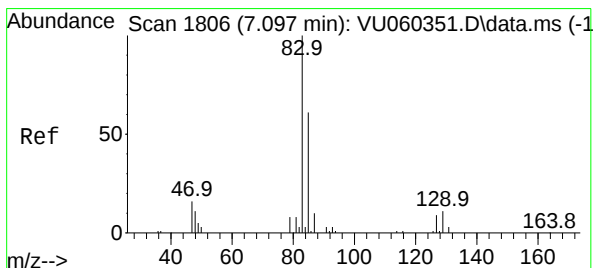
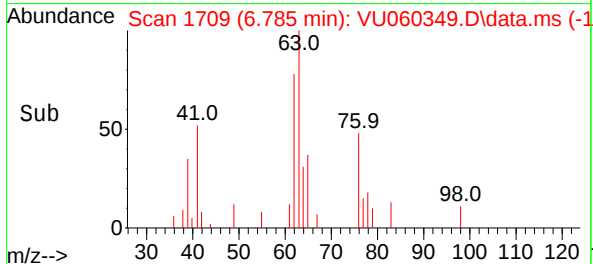
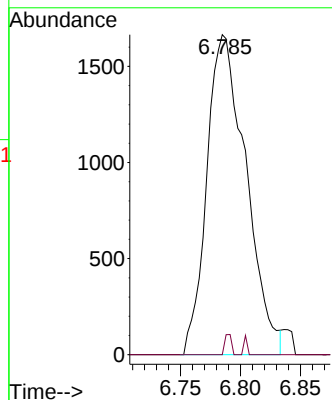
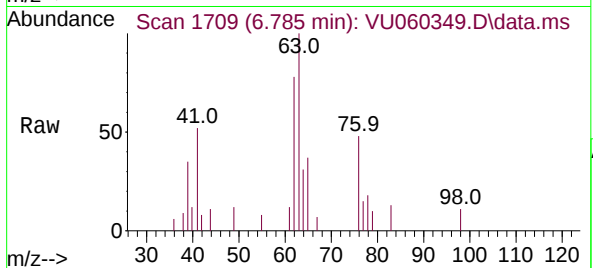




#37
1,2-Dichloropropane
Concen: 0.367 ug/L
RT: 6.785 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU060349.D
Acq: 08 Aug 2024 10:47

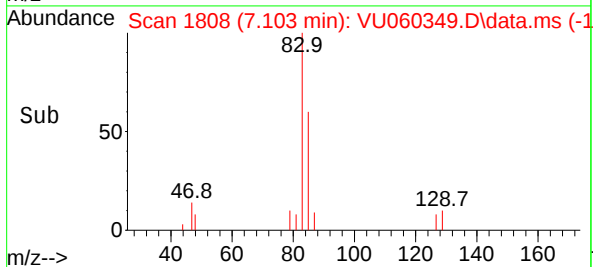
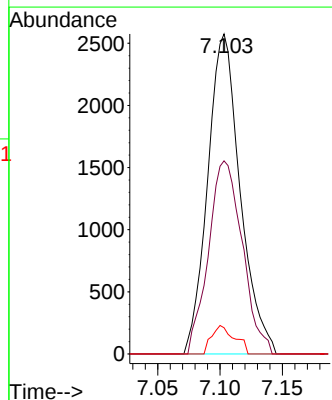
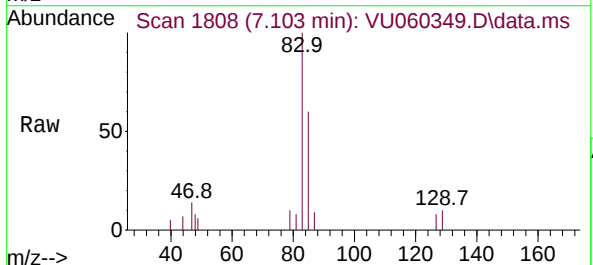
Instrument :
MSVOA_U
ClientSampleId :

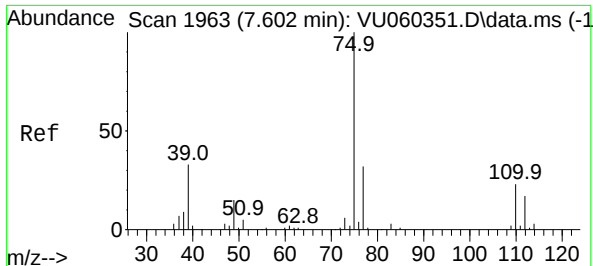
Tgt Ion: 63 Resp: 3780
Ion Ratio Lower Upper
63 100
112 1.1 3.3 4.9#



#38
Bromodichloromethane
Concen: 0.362 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VU060349.D
Acq: 08 Aug 2024 10:47

Tgt Ion: 83 Resp: 4671
Ion Ratio Lower Upper
83 100
85 60.3 42.4 78.8
127 8.2 7.0 10.4

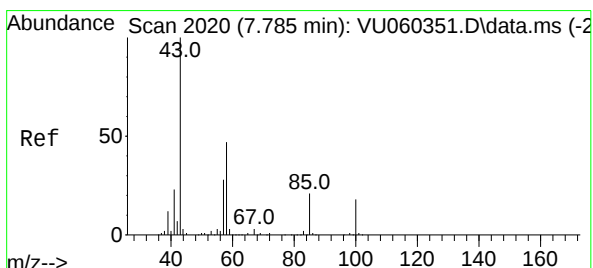
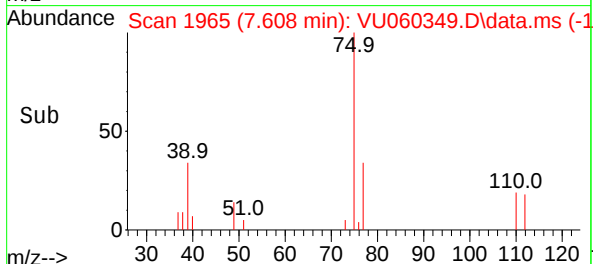
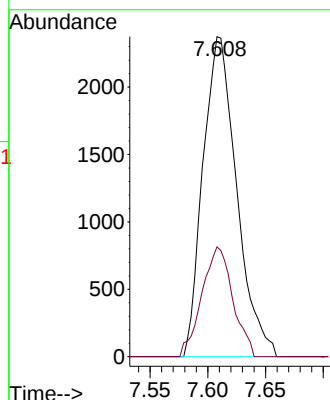
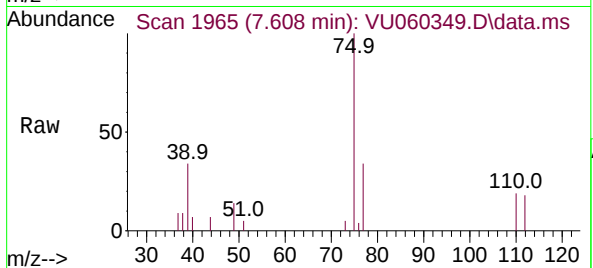




#39
 cis-1,3-Dichloropropene
 Concen: 0.357 ug/L
 RT: 7.608 min Scan# 1963
 Delta R.T. 0.006 min
 Lab File: VU060349.D
 Acq: 08 Aug 2024 10:47

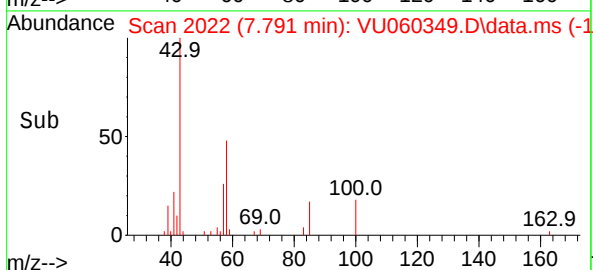
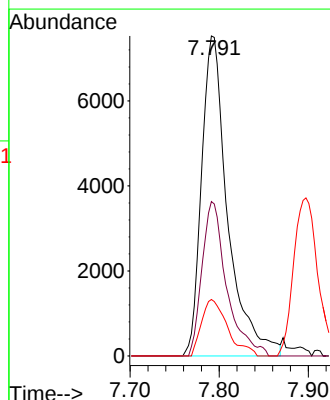
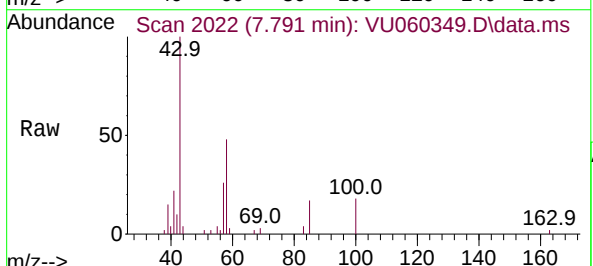
Instrument :
 MSVOA_U
 ClientSampleId :

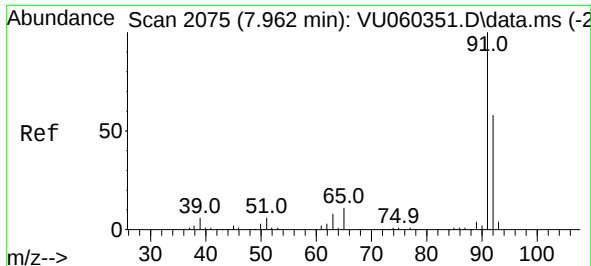
Tgt Ion: 75 Resp: 4809
 Ion Ratio Lower Upper
 75 100
 77 34.3 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 3.324 ug/L
 RT: 7.791 min Scan# 2022
 Delta R.T. 0.006 min
 Lab File: VU060349.D
 Acq: 08 Aug 2024 10:47

Tgt Ion: 43 Resp: 15371
 Ion Ratio Lower Upper
 43 100
 58 45.5 36.6 55.0
 100 17.6 14.1 21.1





#42

Toluene

Concen: 0.323 ug/L

RT: 7.968 min Scan# 2075

Delta R.T. 0.006 min

Lab File: VU060349.D

Acq: 08 Aug 2024 10:47

Instrument :

MSVOA_U

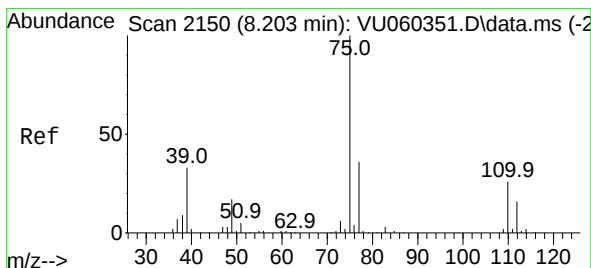
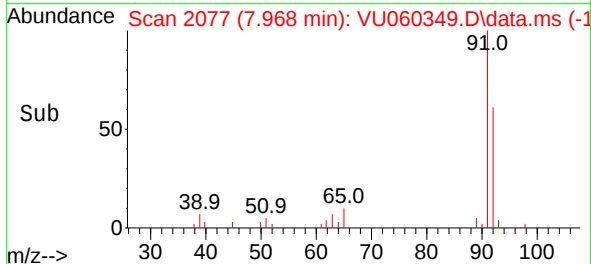
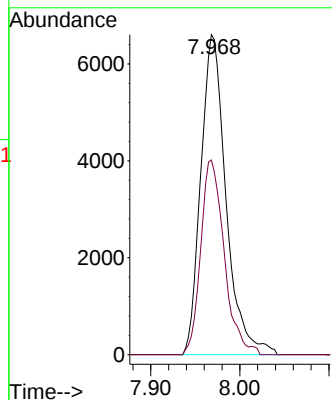
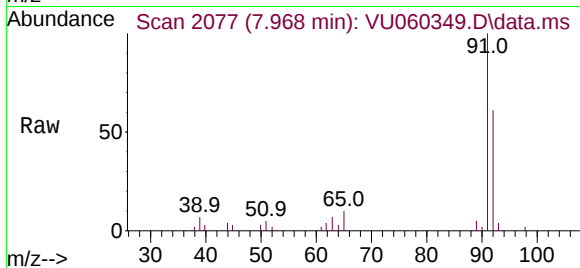
ClientSampleId :

Tgt Ion: 91 Resp: 12986

Ion Ratio Lower Upper

91 100

92 60.8 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 0.352 ug/L

RT: 8.212 min Scan# 2153

Delta R.T. 0.009 min

Lab File: VU060349.D

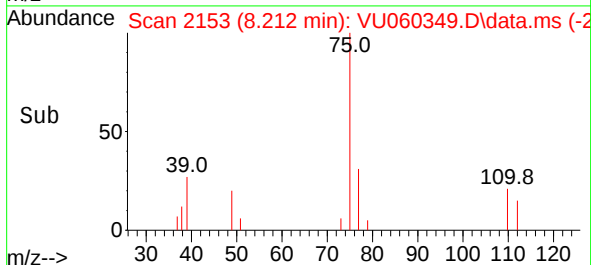
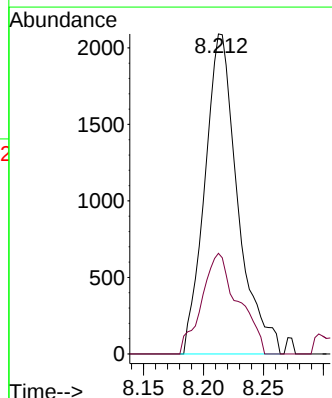
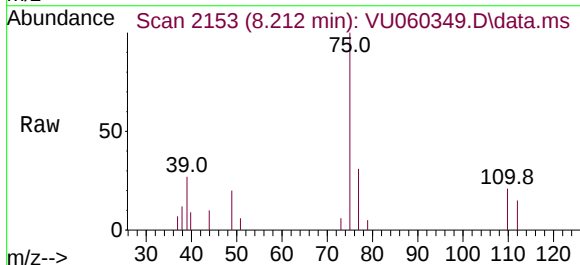
Acq: 08 Aug 2024 10:47

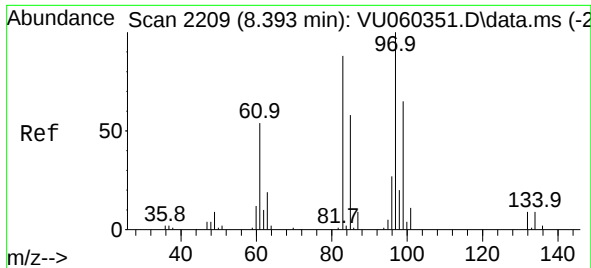
Tgt Ion: 75 Resp: 3991

Ion Ratio Lower Upper

75 100

77 31.4 25.0 46.4

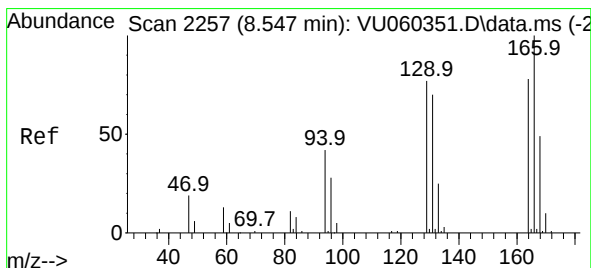
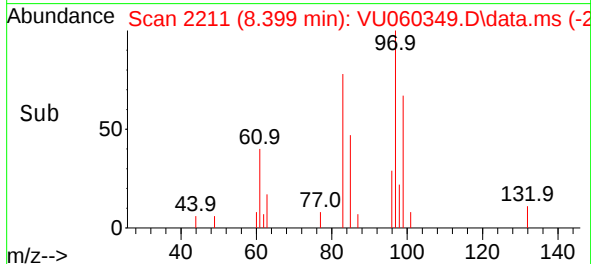
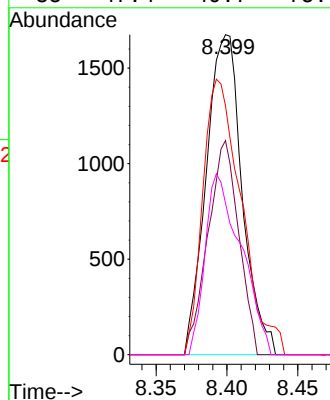
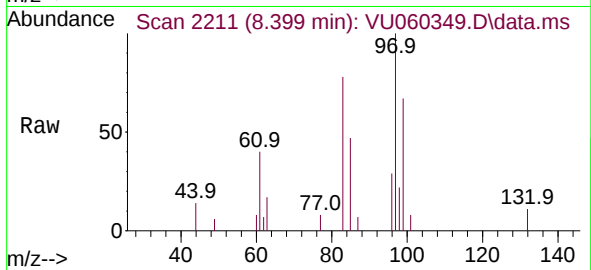




#45
1,1,2-Trichloroethane
Concen: 0.377 ug/L
RT: 8.399 min Scan# 211
Delta R.T. 0.006 min
Lab File: VU060349.D
Acq: 08 Aug 2024 10:47

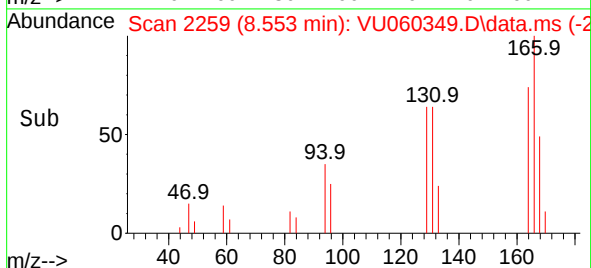
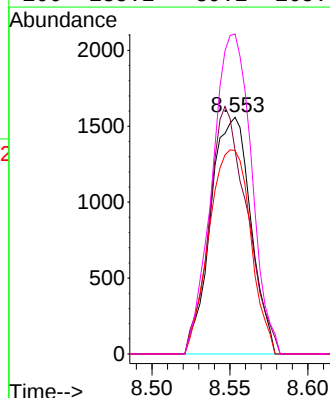
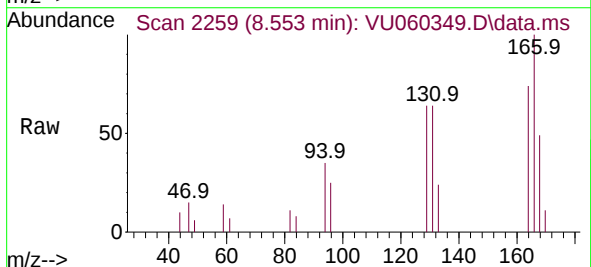
Instrument :
MSVOA_U
ClientSampleId :

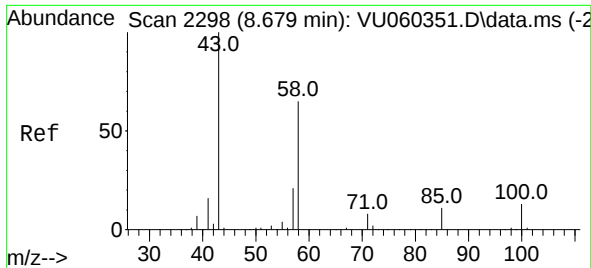
Tgt Ion:	97	Resp:	2962
Ion	Ratio	Lower	Upper
97	100		
99	66.9	45.8	85.0
83	77.8	61.7	114.5
85	47.4	40.7	75.7



#47
Tetrachloroethene
Concen: 0.340 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. 0.006 min
Lab File: VU060349.D
Acq: 08 Aug 2024 10:47

Tgt Ion:	164	Resp:	2783
Ion	Ratio	Lower	Upper
164	100		
129	86.1	69.0	128.1
131	86.0	62.6	116.3
166	135.2	89.2	165.8





#48

2-Hexanone

Concen: 3.043 ug/L

RT: 8.688 min Scan# 2301

Delta R.T. 0.009 min

Lab File: VU060349.D

Acq: 08 Aug 2024 10:47

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 10456

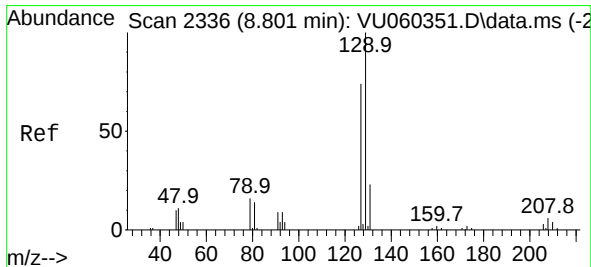
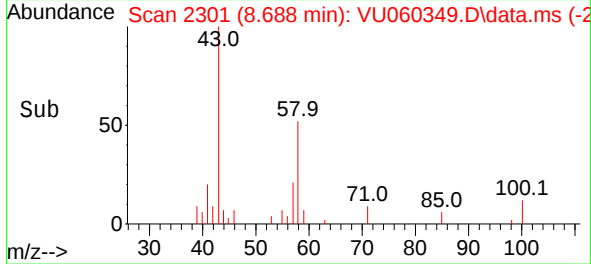
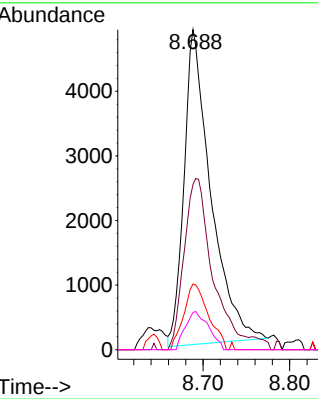
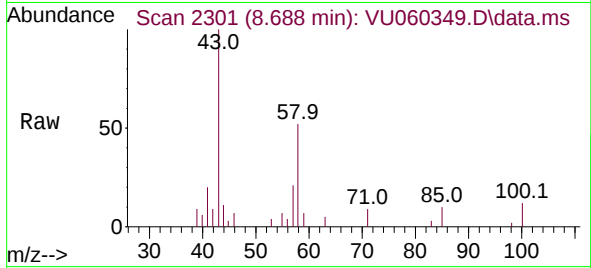
Ion Ratio Lower Upper

43 100

58 57.8 50.9 76.3

57 19.2 17.4 26.0

100 10.5 10.2 15.4



#49

Dibromochloromethane

Concen: 0.337 ug/L

RT: 8.807 min Scan# 2338

Delta R.T. 0.006 min

Lab File: VU060349.D

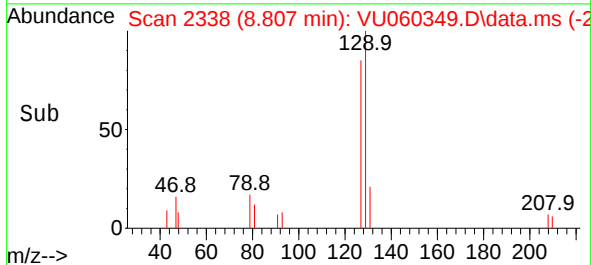
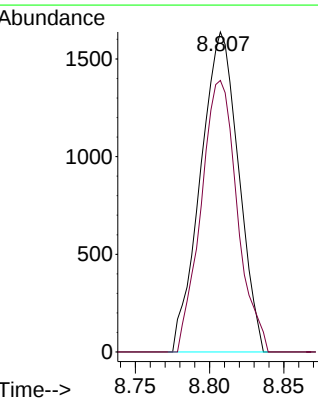
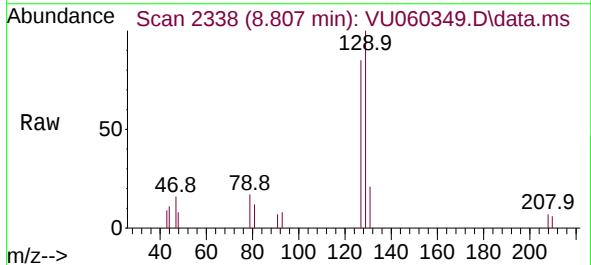
Acq: 08 Aug 2024 10:47

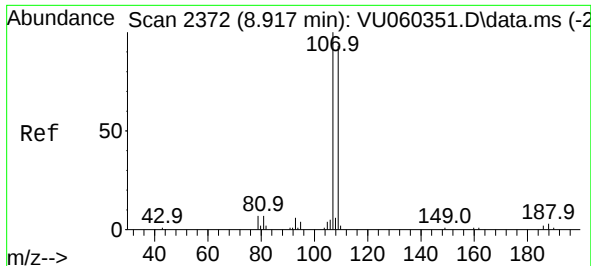
Tgt Ion: 129 Resp: 2915

Ion Ratio Lower Upper

129 100

127 84.9 51.9 96.3

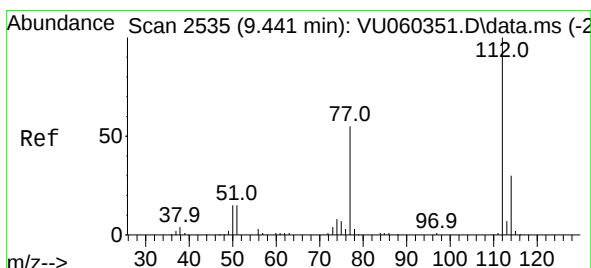
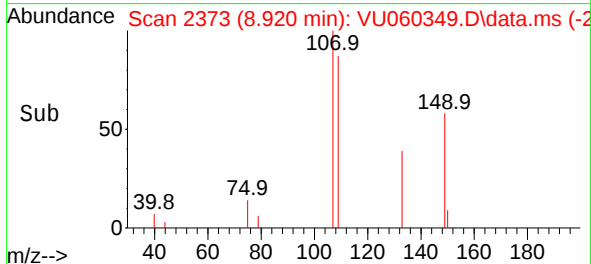
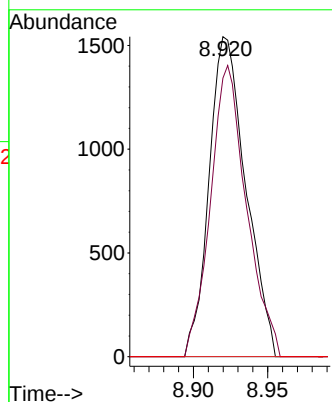
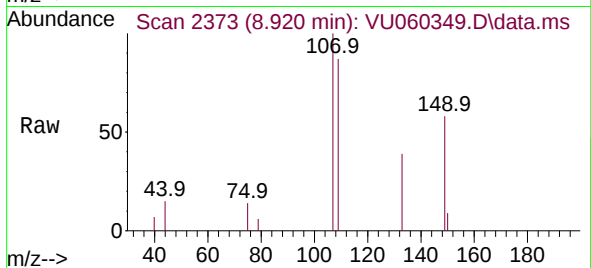




#50
1,2-Dibromoethane
Concen: 0.374 ug/L
RT: 8.920 min Scan# 24
Delta R.T. 0.003 min
Lab File: VU060349.D
Acq: 08 Aug 2024 10:47

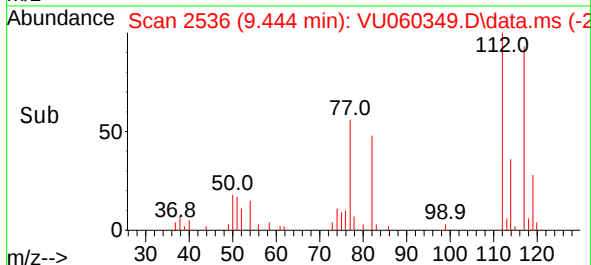
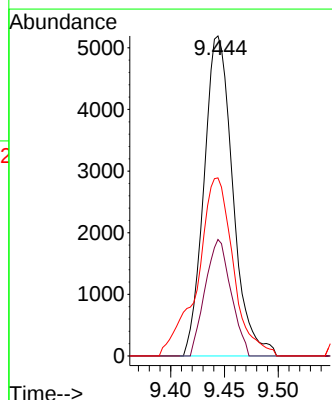
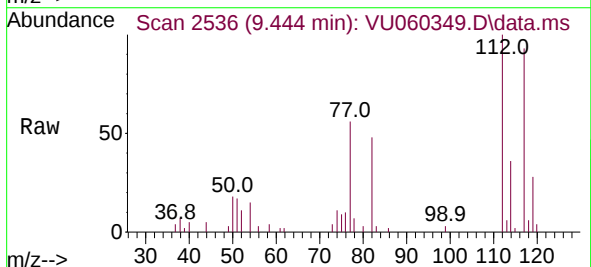
Instrument :
MSVOA_U
ClientSampleId :

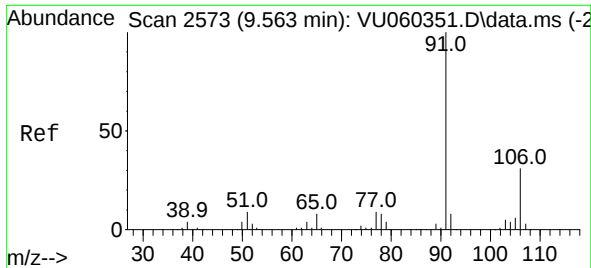
Tgt Ion:107 Resp: 2657
Ion Ratio Lower Upper
107 100
109 87.0 64.8 120.3
188 0.0 2.6 3.8#



#51
Chlorobenzene
Concen: 0.368 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU060349.D
Acq: 08 Aug 2024 10:47

Tgt Ion:112 Resp: 9697
Ion Ratio Lower Upper
112 100
114 36.4 21.3 39.5
77 55.7 44.6 67.0

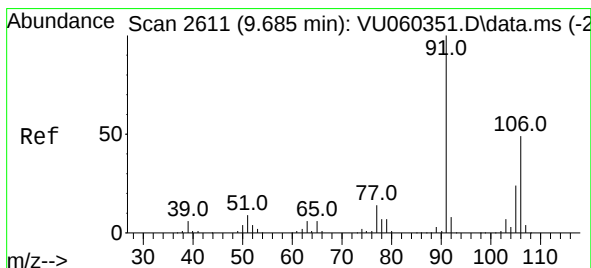
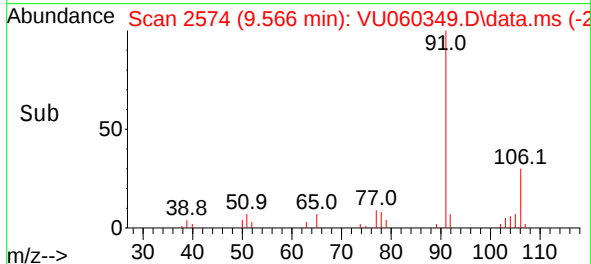
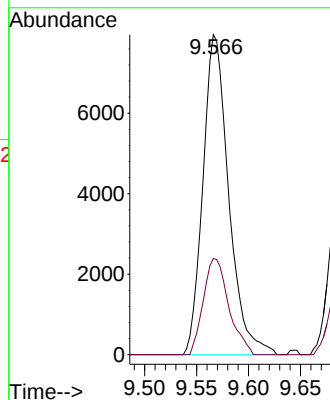
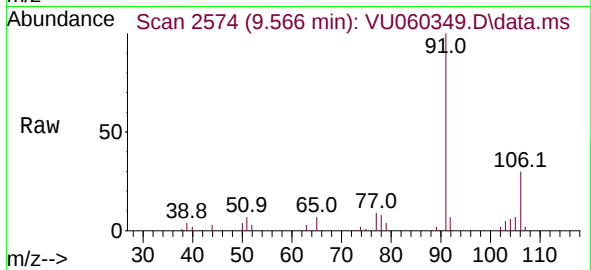




#52
Ethylbenzene
Concen: 0.340 ug/L
RT: 9.566 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU060349.D
Acq: 08 Aug 2024 10:47

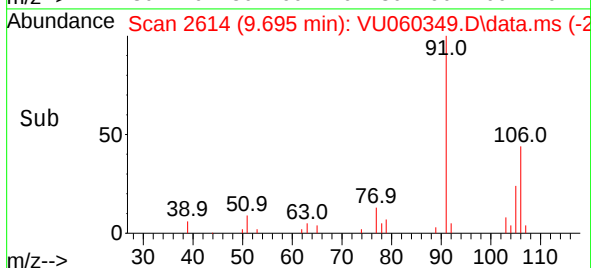
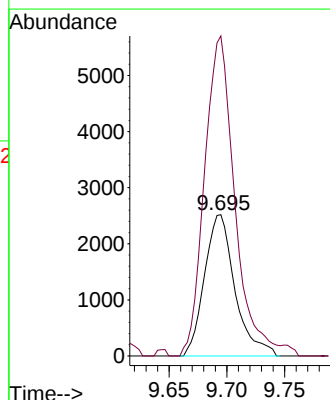
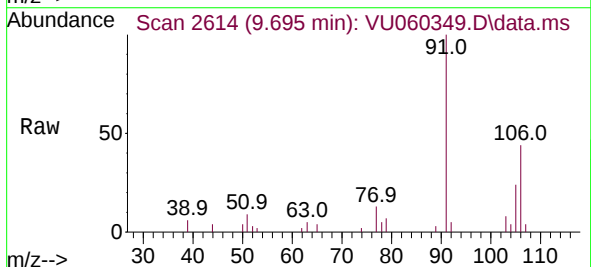
Instrument :
MSVOA_U
ClientSampleId :

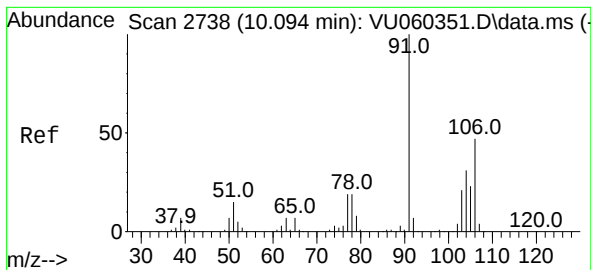
Tgt Ion: 91 Resp: 13699
Ion Ratio Lower Upper
91 100
106 30.1 21.6 40.2



#53
m,p-Xylene
Concen: 0.296 ug/L
RT: 9.695 min Scan# 2614
Delta R.T. 0.009 min
Lab File: VU060349.D
Acq: 08 Aug 2024 10:47

Tgt Ion:106 Resp: 4615
Ion Ratio Lower Upper
106 100
91 226.5 143.2 266.0





#54

o-Xylene

Concen: 0.293 ug/L

RT: 10.097 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU060349.D

Acq: 08 Aug 2024 10:47

Instrument :

MSVOA_U

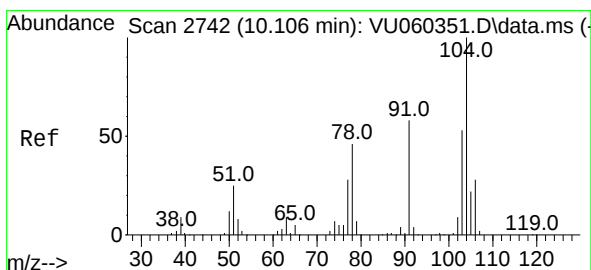
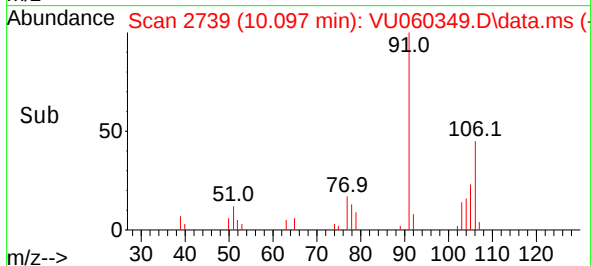
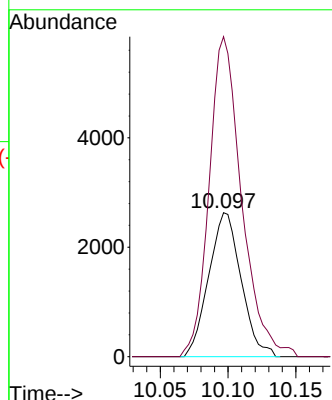
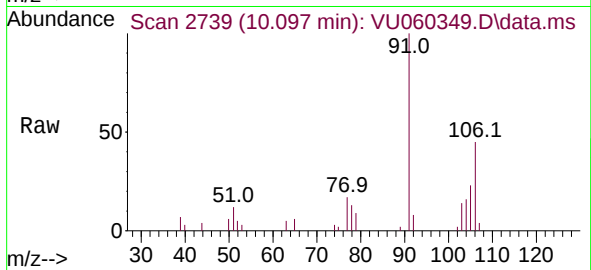
ClientSampleId :

Tgt Ion:106 Resp: 4375

Ion Ratio Lower Upper

106 100

91 222.3 150.2 279.0



#55

Styrene

Concen: 0.280 ug/L

RT: 10.116 min Scan# 2745

Delta R.T. 0.009 min

Lab File: VU060349.D

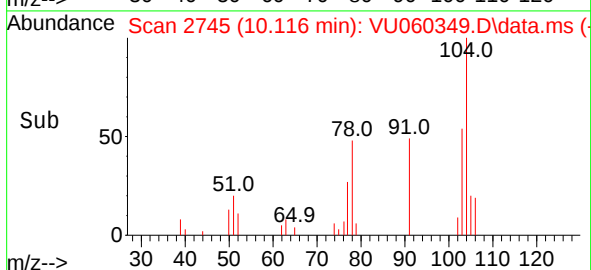
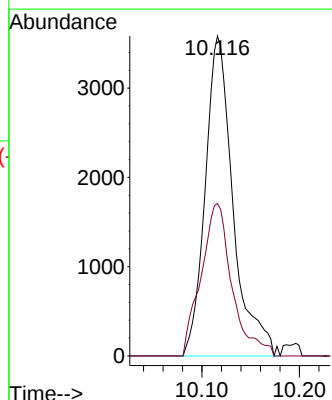
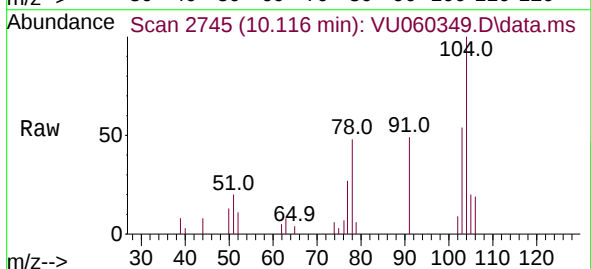
Acq: 08 Aug 2024 10:47

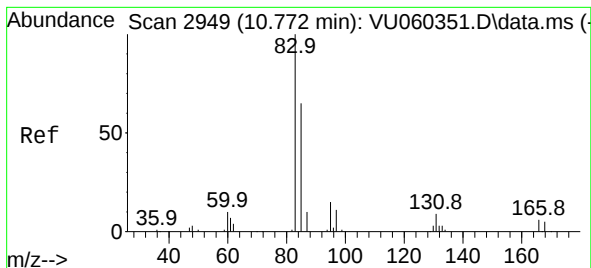
Tgt Ion:104 Resp: 7120

Ion Ratio Lower Upper

104 100

78 47.6 32.1 59.7





#57

1,1,2,2-Tetrachloroethane

Concen: 0.383 ug/L

RT: 10.778 min Scan# 2949

Delta R.T. 0.006 min

Lab File: VU060349.D

Acq: 08 Aug 2024 10:47

Instrument :

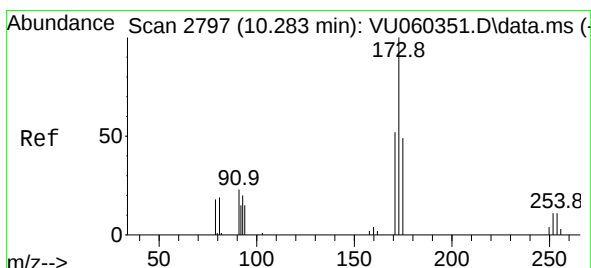
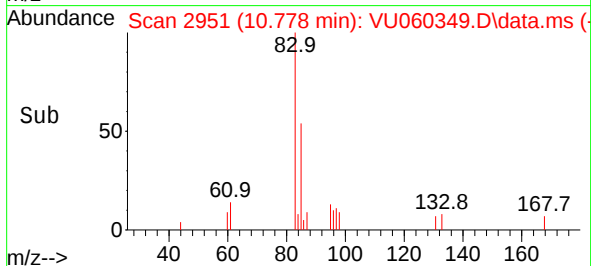
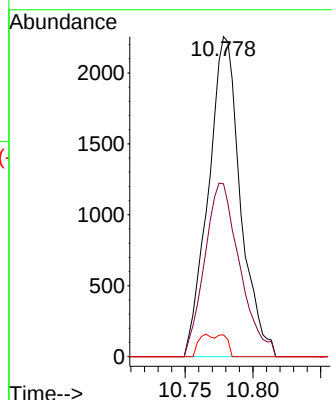
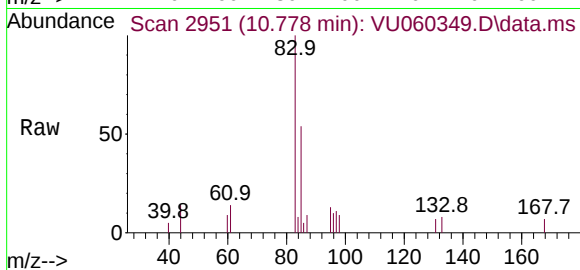
MSVOA_U

ClientSampleId :

Tgt Ion: 83 Resp: 3708

Ion Ratio Lower Upper

83	100		
85	54.0	46.1	85.5
131	6.8	7.6	11.4#



#59

Bromoform

Concen: 0.383 ug/L

RT: 10.290 min Scan# 2799

Delta R.T. 0.006 min

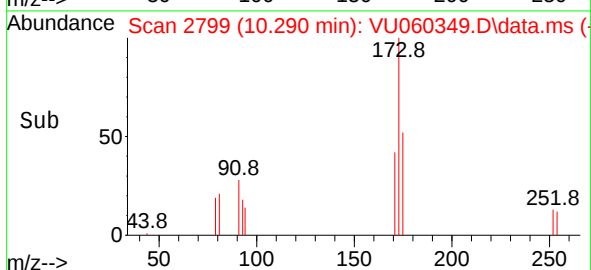
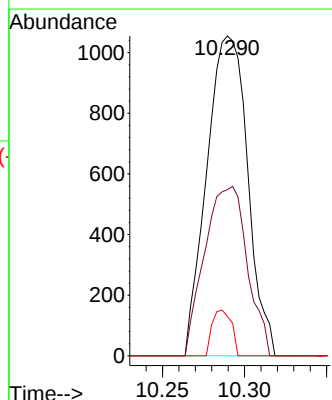
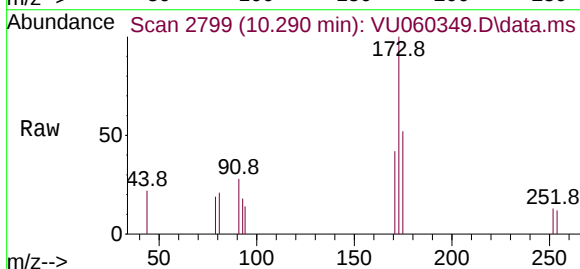
Lab File: VU060349.D

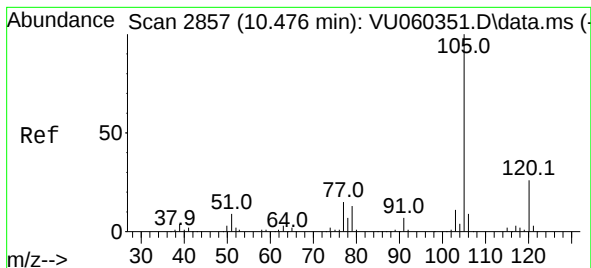
Acq: 08 Aug 2024 10:47

Tgt Ion:173 Resp: 1828

Ion Ratio Lower Upper

173	100		
175	55.2	39.7	59.5
254	6.7	8.2	12.4#





#60

Isopropylbenzene

Concen: 0.359 ug/L

RT: 10.479 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU060349.D

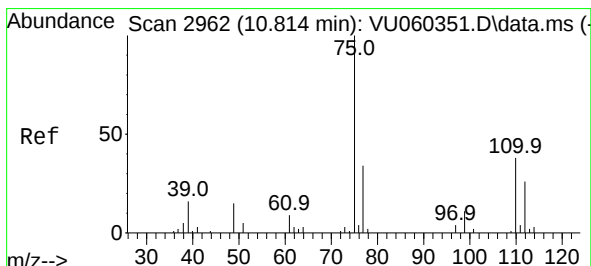
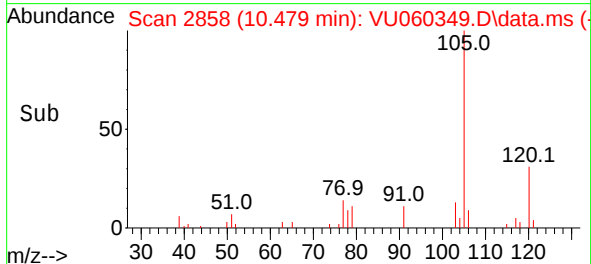
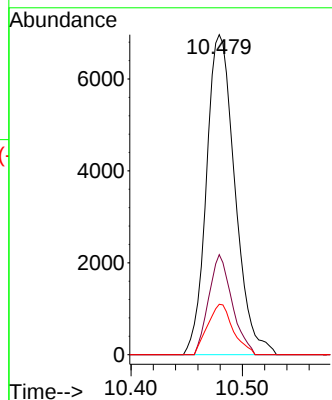
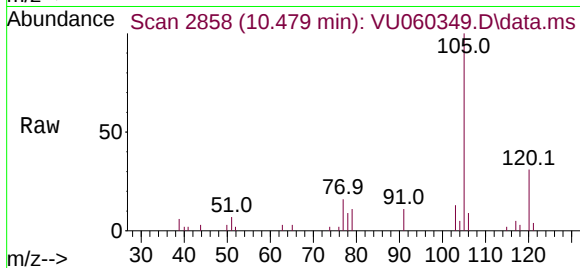
Acq: 08 Aug 2024 10:47

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	12357
Ion Ratio	Lower	Upper	
105	100		
120	25.7	21.0	31.6
77	14.1	12.6	19.0



#61

1,2,3-Trichloropropane

Concen: 0.427 ug/L

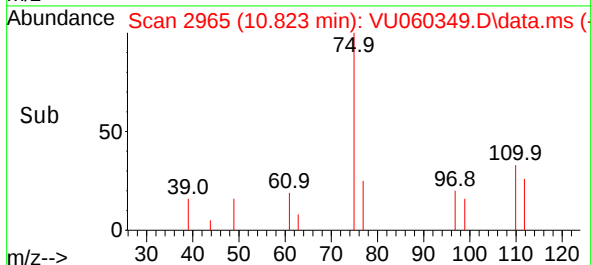
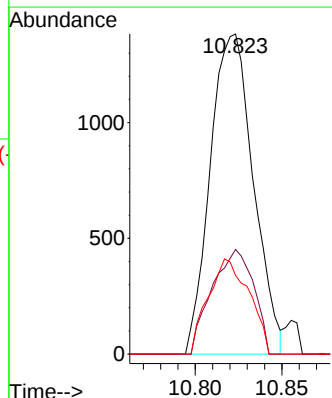
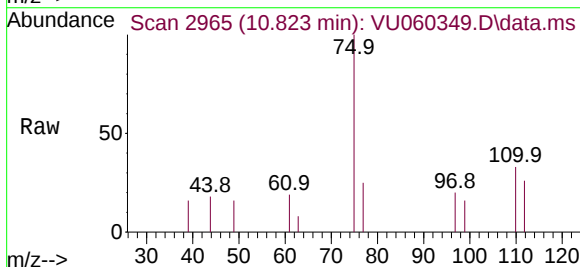
RT: 10.823 min Scan# 2965

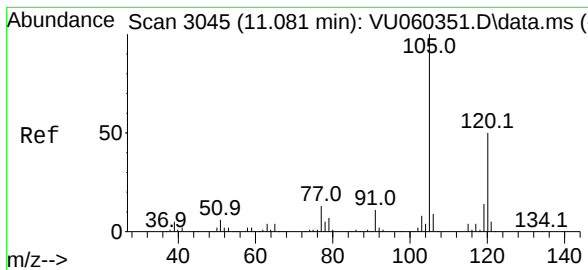
Delta R.T. 0.009 min

Lab File: VU060349.D

Acq: 08 Aug 2024 10:47

Tgt Ion:	75	Resp:	2390
Ion Ratio	Lower	Upper	
75	100		
110	31.6	29.9	44.9
77	28.2	27.0	40.6





#62

1,3,5-Trimethylbenzene

Concen: 0.321 ug/L

RT: 11.084 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU060349.D

Acq: 08 Aug 2024 10:47

Instrument :

MSVOA_U

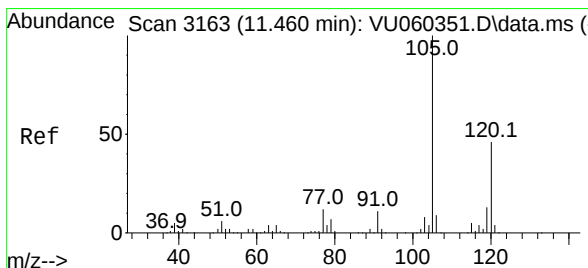
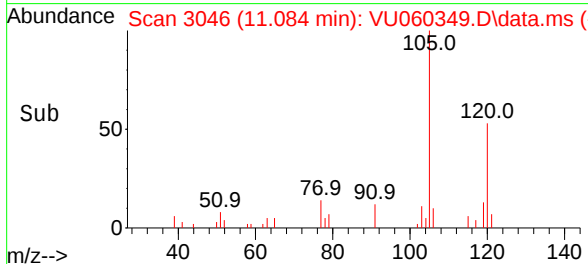
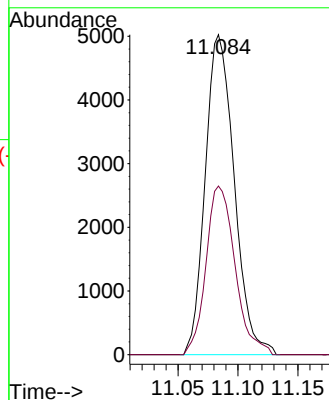
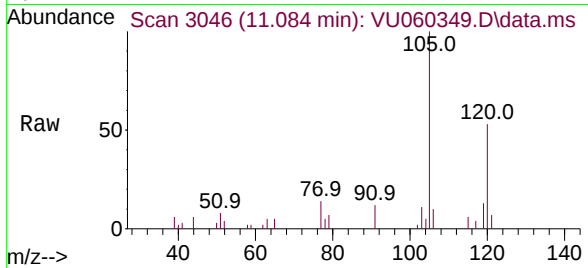
ClientSampleId :

Tgt Ion:105 Resp: 8459

Ion Ratio Lower Upper

105 100

120 52.8 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 0.313 ug/L

RT: 11.466 min Scan# 3165

Delta R.T. 0.006 min

Lab File: VU060349.D

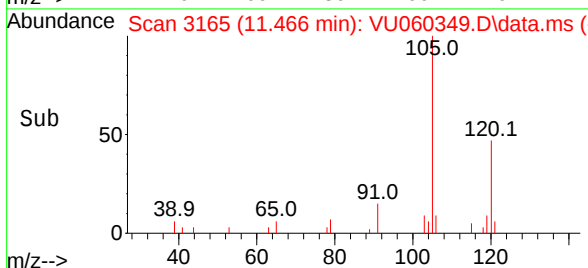
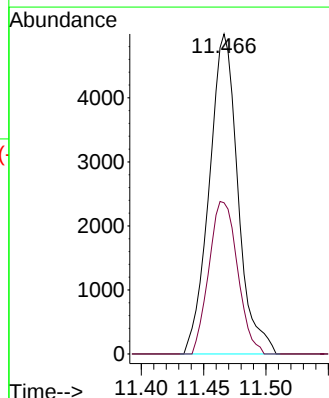
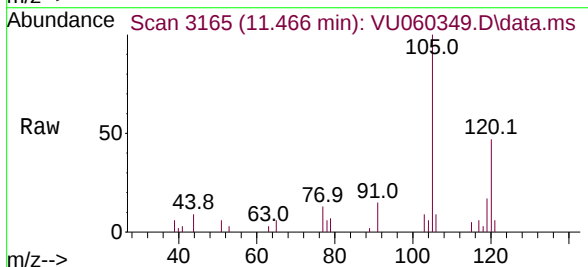
Acq: 08 Aug 2024 10:47

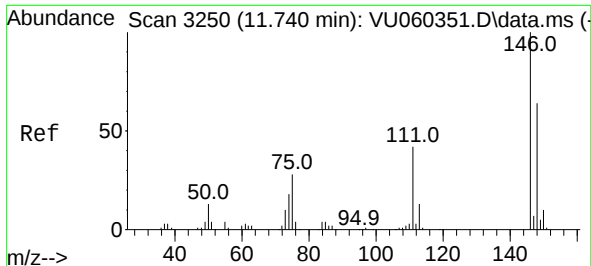
Tgt Ion:105 Resp: 8012

Ion Ratio Lower Upper

105 100

120 47.5 36.1 54.1





#64

1,3-Dichlorobenzene

Concen: 0.371 ug/L

RT: 11.743 min Scan# 3251

Delta R.T. 0.003 min

Lab File: VU060349.D

Acq: 08 Aug 2024 10:47

Instrument :

MSVOA_U

ClientSampleId :

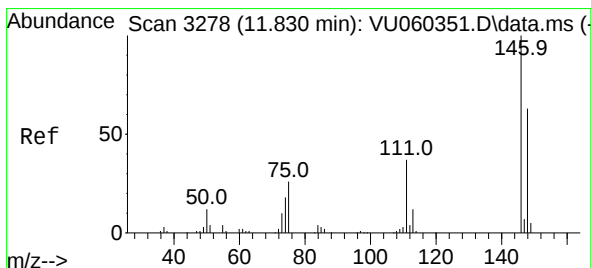
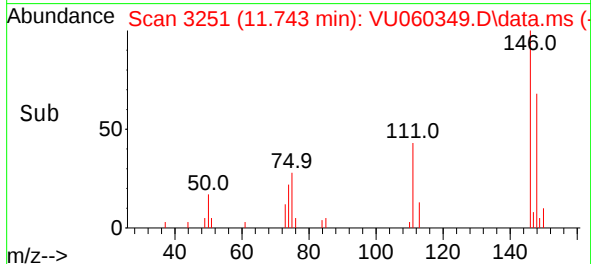
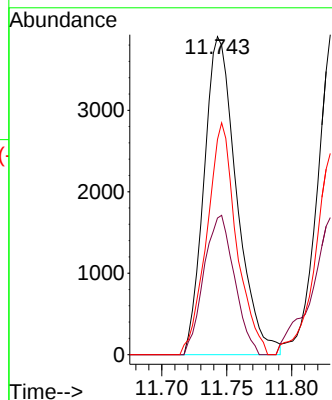
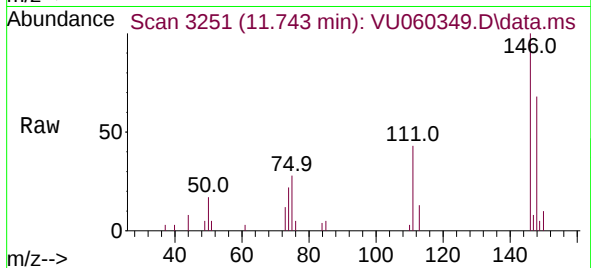
Tgt Ion:146 Resp: 6818

Ion Ratio Lower Upper

146 100

111 42.9 29.2 54.2

148 67.6 44.9 83.3



#65

1,4-Dichlorobenzene

Concen: 0.397 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. 0.003 min

Lab File: VU060349.D

Acq: 08 Aug 2024 10:47

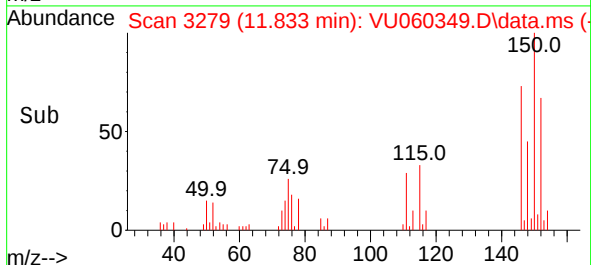
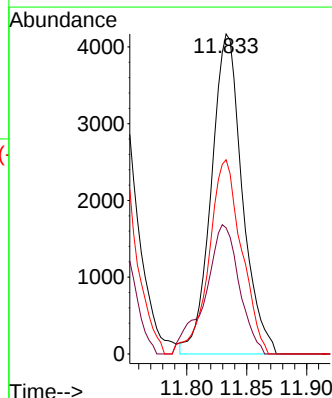
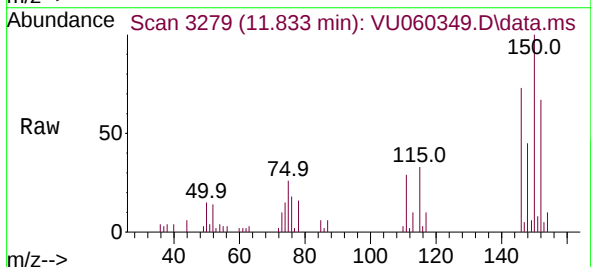
Tgt Ion:146 Resp: 7480

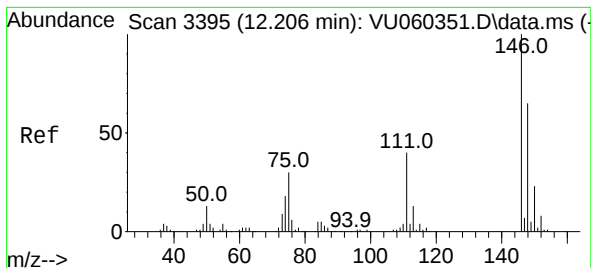
Ion Ratio Lower Upper

146 100

111 39.4 25.8 48.0

148 60.7 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 0.370 ug/L

RT: 12.212 min Scan# 3395

Delta R.T. 0.006 min

Lab File: VU060349.D

Acq: 08 Aug 2024 10:47

Instrument :

MSVOA_U

ClientSampleId :

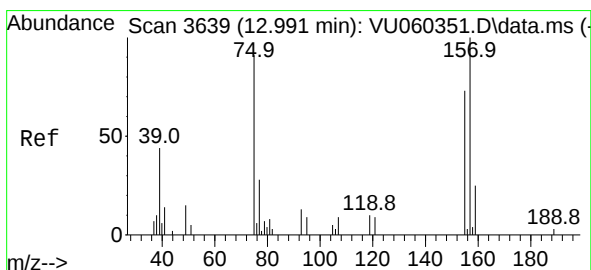
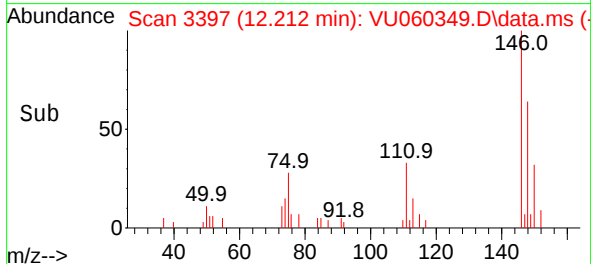
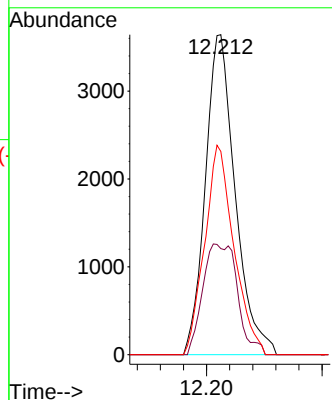
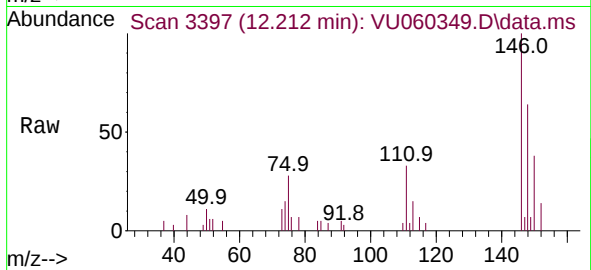
Tgt Ion:146 Resp: 6523

Ion Ratio Lower Upper

146 100

111 33.2 32.0 48.0

148 63.5 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 0.301 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU060349.D

Acq: 08 Aug 2024 10:47

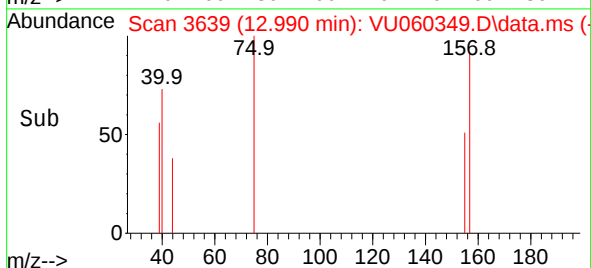
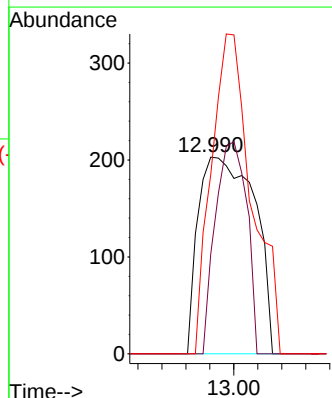
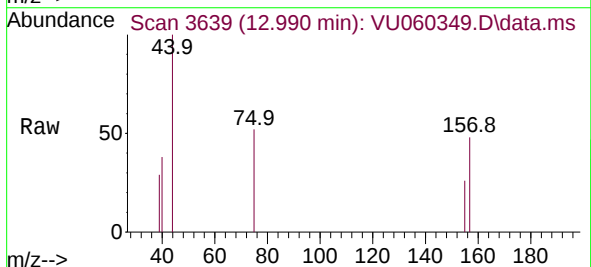
Tgt Ion: 75 Resp: 330

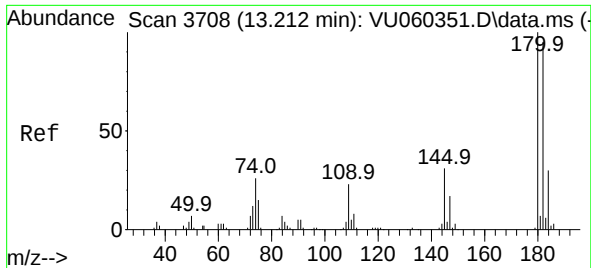
Ion Ratio Lower Upper

75 100

155 50.7 64.3 96.5#

157 91.1 88.0 132.0





#69

1,3,5-Trichlorobenzene

Concen: 0.372 ug/L

RT: 13.219 min Scan# 3708

Delta R.T. 0.006 min

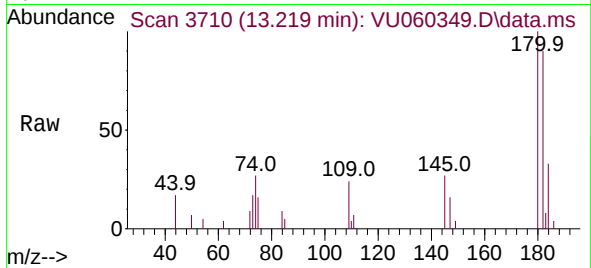
Lab File: VU060349.D

Acq: 08 Aug 2024 10:47

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 5159

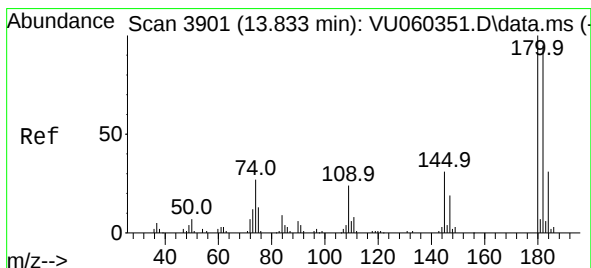
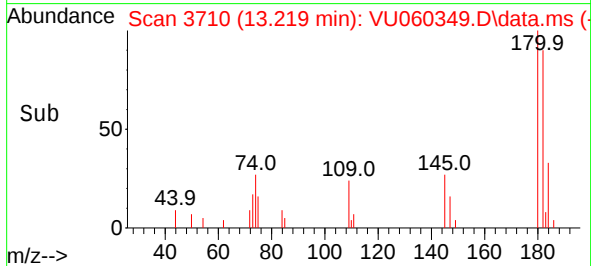
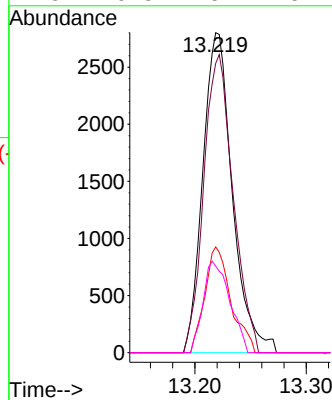
Ion Ratio Lower Upper

180 100

182 92.3 76.0 114.0

184 29.2 23.8 35.8

145 25.8 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 0.362 ug/L

RT: 13.842 min Scan# 3904

Delta R.T. 0.009 min

Lab File: VU060349.D

Acq: 08 Aug 2024 10:47

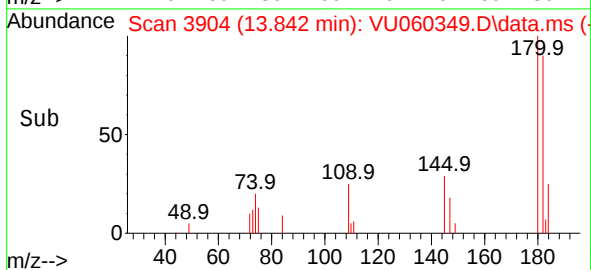
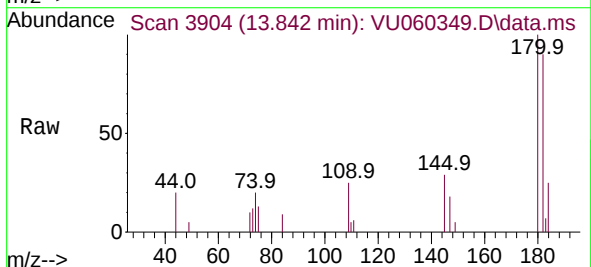
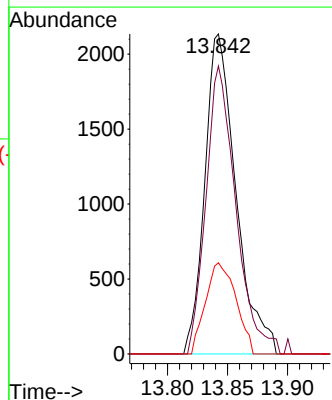
Tgt Ion:180 Resp: 3861

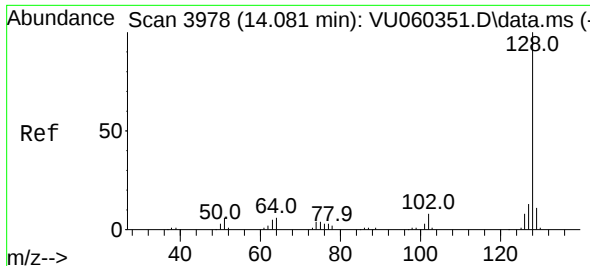
Ion Ratio Lower Upper

180 100

182 86.1 76.0 114.0

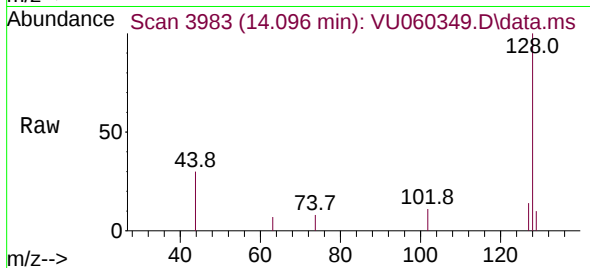
145 27.7 23.7 35.5



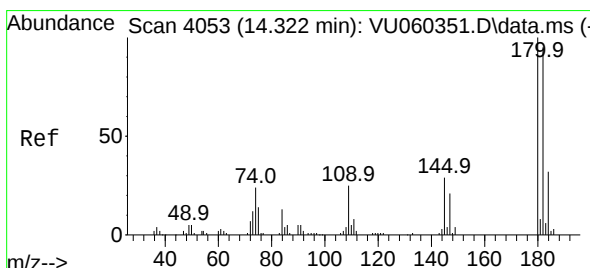
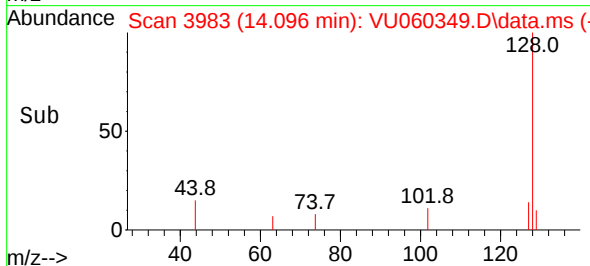
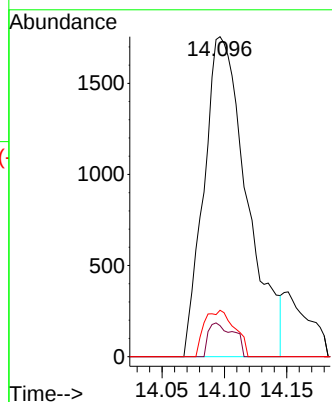


#71
Naphthalene
Concen: 0.275 ug/L
RT: 14.096 min Scan# 3983
Delta R.T. 0.016 min
Lab File: VU060349.D
Acq: 08 Aug 2024 10:47

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 4201
Ion Ratio Lower Upper
128 100
129 6.1 8.6 12.8#
127 10.3 10.6 16.0#



#72
1,2,3-Trichlorobenzene
Concen: 0.373 ug/L
RT: 14.331 min Scan# 4056
Delta R.T. 0.009 min
Lab File: VU060349.D
Acq: 08 Aug 2024 10:47

Tgt Ion:180 Resp: 3563
Ion Ratio Lower Upper
180 100
182 90.4 75.7 113.5
145 30.4 23.7 35.5

