

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091324\
 Data File : VU060747.D
 Acq On : 13 Sep 2024 11:55
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 14 00:27:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 11 02:46:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	96703	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	98402	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	52794	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	19487	4.562	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.200%
7) Chloroethane-d5	1.911	69	21378	3.303	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.000%
11) 1,1-Dichloroethene-d2	2.560	65	10924	4.340	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	4.637	46	67560	45.998	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.000%
24) Chloroform-d	5.055	84	63657	5.228	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
26) 1,2-Dichloroethane-d4	5.695	65	30913	4.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.721	84	111487	5.181	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
36) 1,2-Dichloropropane-d6	6.682	67	35358	5.093	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.800%
41) Toluene-d8	7.891	98	106469	5.274	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
43) trans-1,3-Dichloroprop...	8.177	79	12412	4.996	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.000%
46) 2-Hexanone-d5	8.631	63	52252	43.929	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.860%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29352	4.751	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	38076	4.891	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	53056	4.835	ug/L	99
3) Chloromethane	1.515	50	50842	5.347	ug/L	99
5) Vinyl chloride	1.602	62	51999	5.554	ug/L	96
6) Bromomethane	1.856	94	32612	3.461	ug/L	96
8) Chloroethane	1.930	64	30598	3.582	ug/L	100
9) Trichlorofluoromethane	2.136	101	78443	3.854	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	41008	4.762	ug/L	97
12) 1,1-Dichloroethene	2.576	96	37343	4.712	ug/L	91
13) Acetone	2.653	43	57420	46.720	ug/L	97
14) Carbon disulfide	2.789	76	102498	3.985	ug/L	100
15) Methyl Acetate	2.956	43	13201	5.253	ug/L	99
16) Methylene chloride	3.039	84	43394	5.637	ug/L	85
17) Methyl tert-butyl Ether	3.358	73	90307	5.614	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	37103	5.377	ug/L	97
19) 1,1-Dichloroethane	3.859	63	78253	5.597	ug/L	96
21) 2-Butanone	4.714	43	93839	55.832	ug/L	96
22) cis-1,2-Dichloroethene	4.657	96	43241	5.624	ug/L	95
23) Bromochloromethane	4.968	128	20391	5.836	ug/L	92
25) Chloroform	5.081	83	83932	5.672	ug/L	100

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 ALS Vial : 2 Sample Multiplier: 1

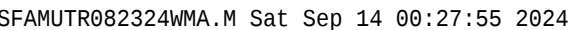
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 ClientSampleId :

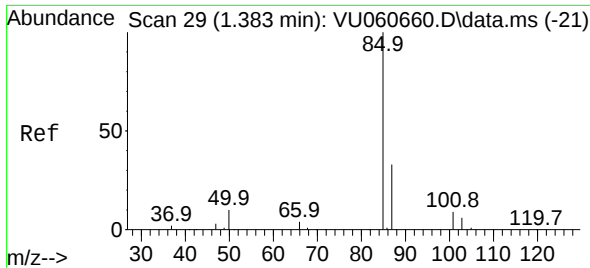
Quant Time: Sep 14 00:27:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 11 02:46:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	53642	5.401	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	73778	5.474	ug/L	98
30) Cyclohexane	5.383	56	55336	4.959	ug/L	97
31) Carbon tetrachloride	5.515	117	65885	5.290	ug/L	98
33) Benzene	5.766	78	171243	5.487	ug/L	100
34) Trichloroethene	6.538	95	45069	5.327	ug/L	96
35) Methylcyclohexane	6.756	83	60777	5.236	ug/L	97
37) 1,2-Dichloropropane	6.785	63	45944	5.745	ug/L #	97
38) Bromodichloromethane	7.097	83	59095	5.624	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	63743	5.436	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	244113	58.612	ug/L	100
42) Toluene	7.962	91	190245	5.768	ug/L	95
44) trans-1,3-Dichloropropene	8.206	75	52840	5.489	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	33274	5.744	ug/L	97
47) Tetrachloroethene	8.547	164	35646	5.141	ug/L	94
48) 2-Hexanone	8.679	43	176534	56.637	ug/L	99
49) Dibromochloromethane	8.801	129	40076	5.975	ug/L	96
50) 1,2-Dibromoethane	8.917	107	31445	5.913	ug/L #	93
51) Chlorobenzene	9.441	112	117421	5.500	ug/L	99
52) Ethylbenzene	9.563	91	193872	5.547	ug/L	100
53) m,p-Xylene	9.689	106	75090	5.779	ug/L	93
54) o-Xylene	10.094	106	71822	5.399	ug/L	98
55) Styrene	10.110	104	125754	5.770	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	40848	5.523	ug/L	94
59) Bromoform	10.283	173	24095	5.554	ug/L	97
60) Isopropylbenzene	10.476	105	195700	5.549	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	29182	5.730	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	150845	5.738	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	150037	5.595	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	95749	5.547	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	94617	5.402	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	87343	5.394	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	5951	5.177	ug/L	92
69) 1,3,5-Trichlorobenzene	13.213	180	69236	5.202	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	50970	4.746	ug/L	99
71) Naphthalene	14.081	128	67383	4.912	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	46890	5.218	ug/L	98

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

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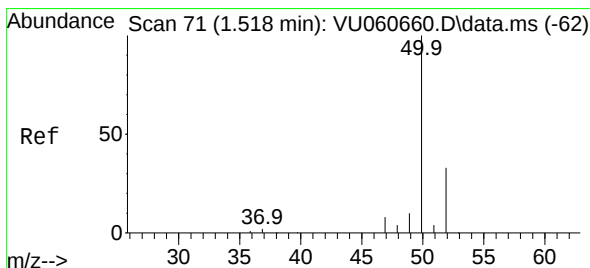
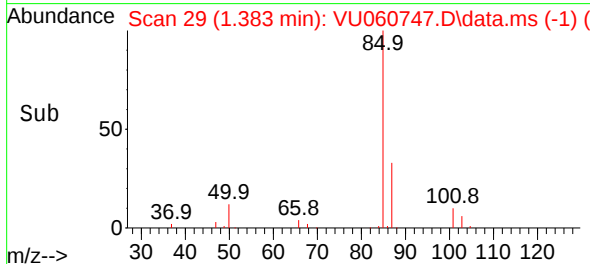
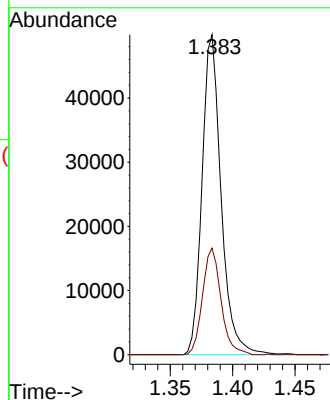
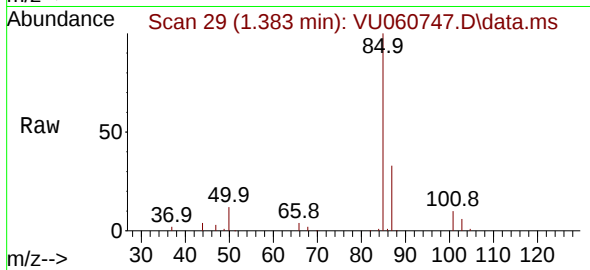




#2
 Dichlorodifluoromethane
 Concen: 4.835 ug/L
 RT: 1.383 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VU060747.D
 Acq: 13 Sep 2024 11:55

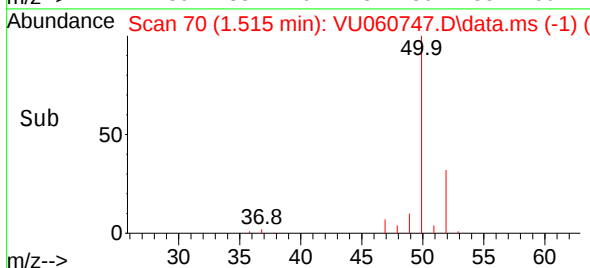
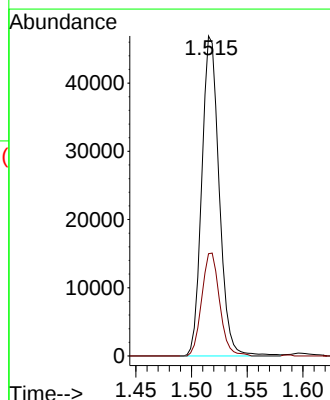
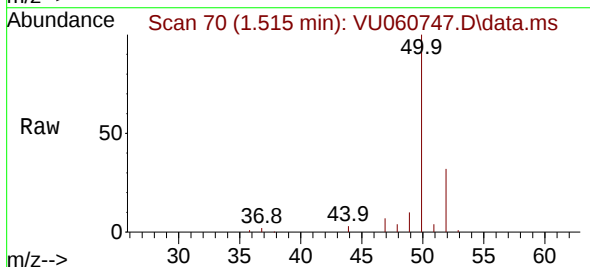
Instrument :
 MSVOA_U
 ClientSampleId :

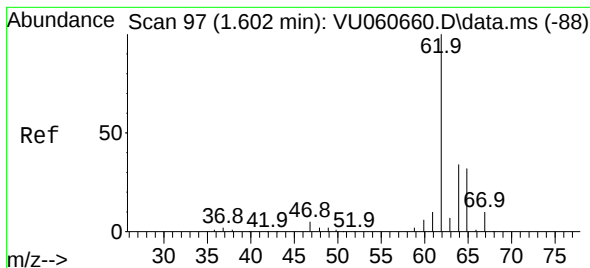
Tgt Ion: 85 Resp: 53056
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.2 39.4



#3
 Chloromethane
 Concen: 5.347 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VU060747.D
 Acq: 13 Sep 2024 11:55

Tgt Ion: 50 Resp: 50842
 Ion Ratio Lower Upper
 50 100
 52 31.9 22.7 42.1





#5

Vinyl chloride

Concen: 5.554 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU060747.D

Acq: 13 Sep 2024 11:55

Instrument :

MSVOA_U

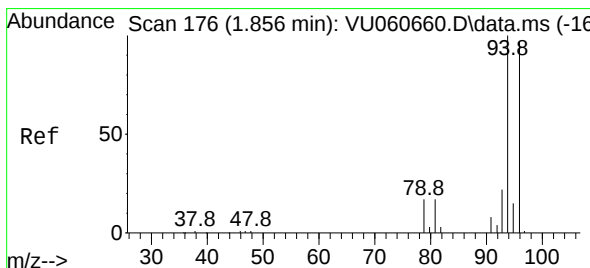
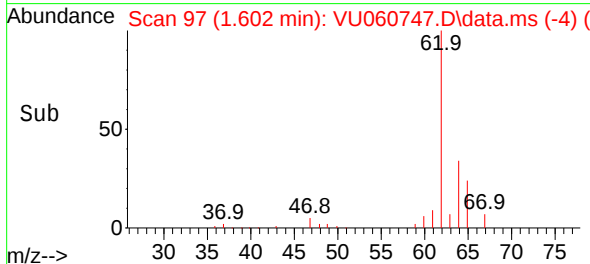
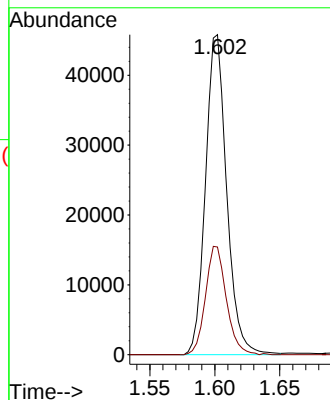
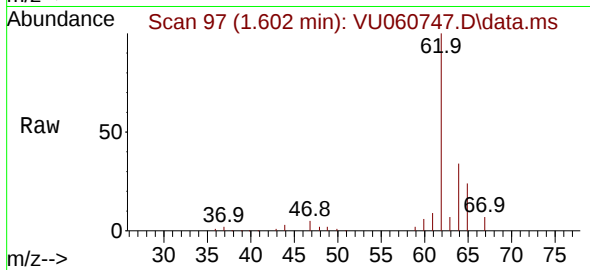
ClientSampleId :

Tgt Ion: 62 Resp: 51999

Ion Ratio Lower Upper

62 100

64 33.7 22.0 40.8



#6

Bromomethane

Concen: 3.461 ug/L

RT: 1.856 min Scan# 176

Delta R.T. -0.000 min

Lab File: VU060747.D

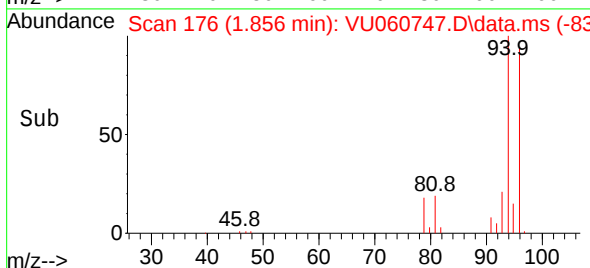
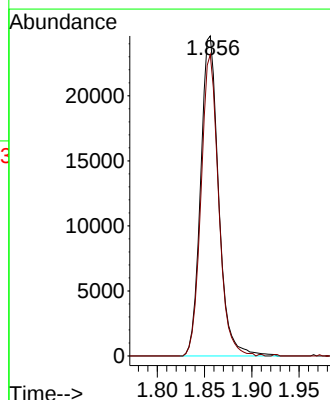
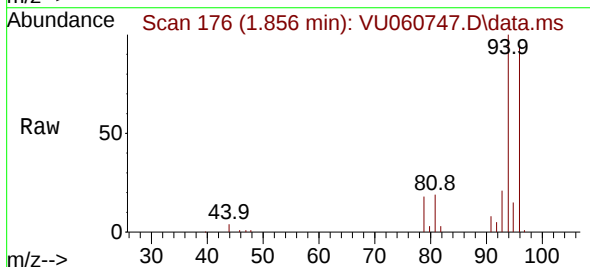
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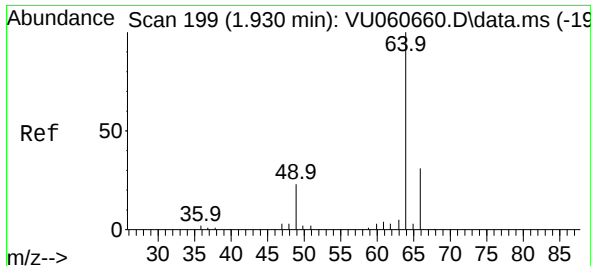
Tgt Ion: 94 Resp: 32612

Ion Ratio Lower Upper

94 100

96 94.2 63.3 117.5

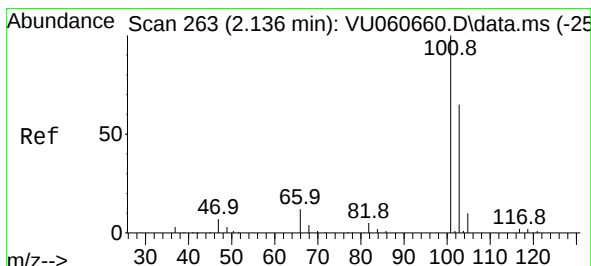
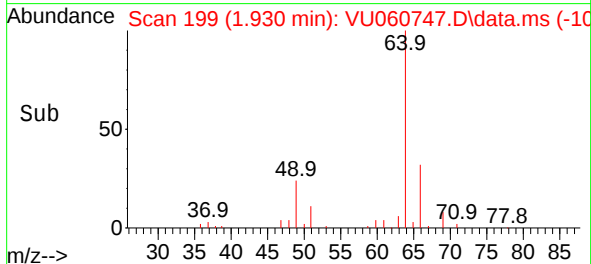
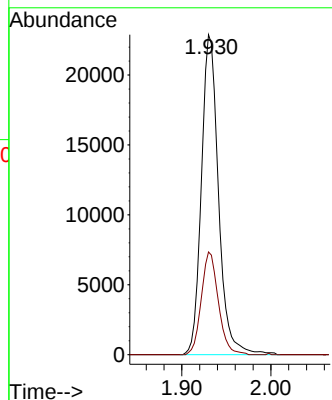
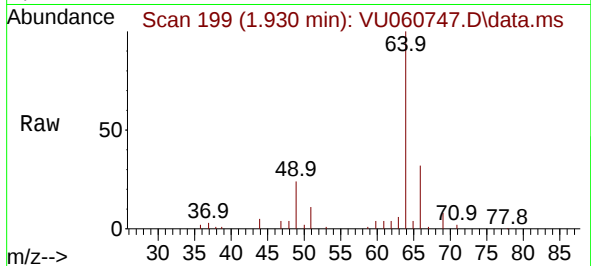




#8
Chloroethane
Concen: 3.582 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU060747.D
Acq: 13 Sep 2024 11:55

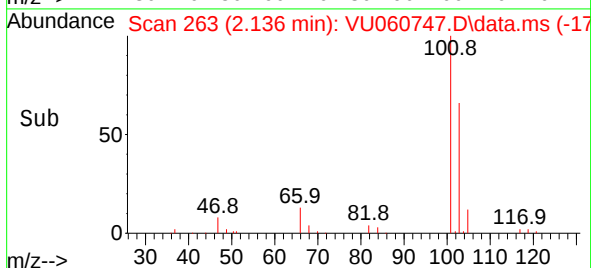
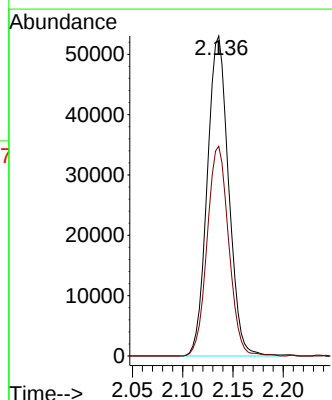
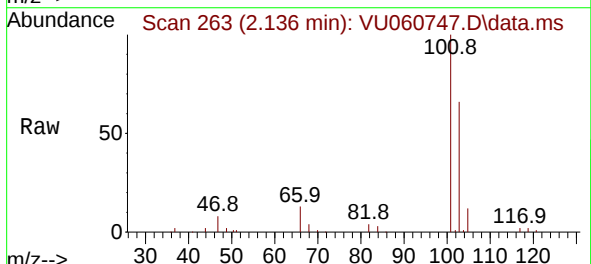
Instrument :
MSVOA_U
ClientSampleId :

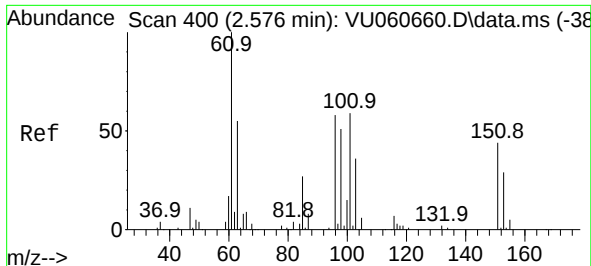
Tgt Ion: 64 Resp: 30598
Ion Ratio Lower Upper
64 100
66 32.1 22.5 41.9



#9
Trichlorofluoromethane
Concen: 3.854 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU060747.D
Acq: 13 Sep 2024 11:55

Tgt Ion:101 Resp: 78443
Ion Ratio Lower Upper
101 100
103 66.1 51.4 77.2

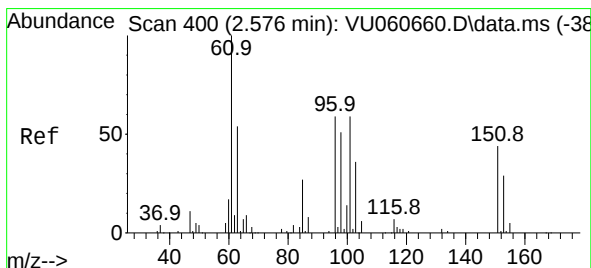
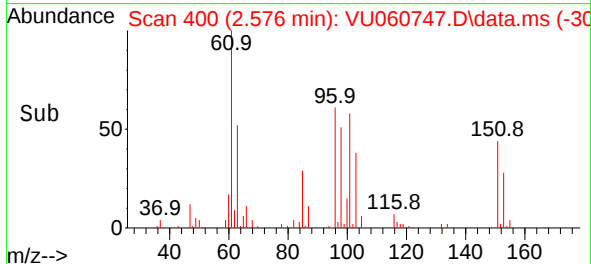
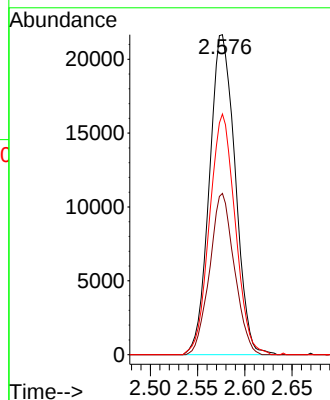
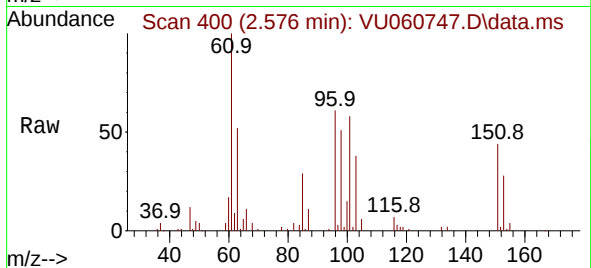




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.762 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU060747.D
Acq: 13 Sep 2024 11:55

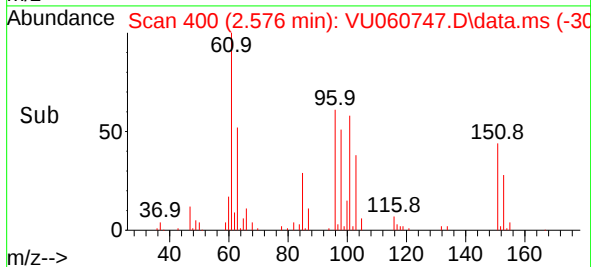
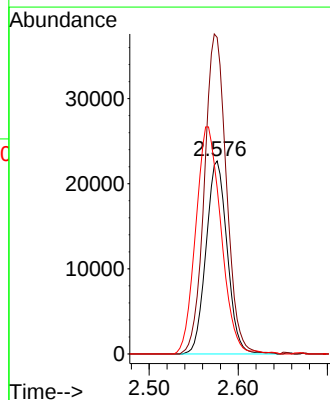
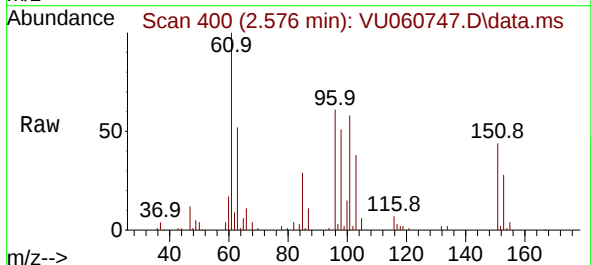
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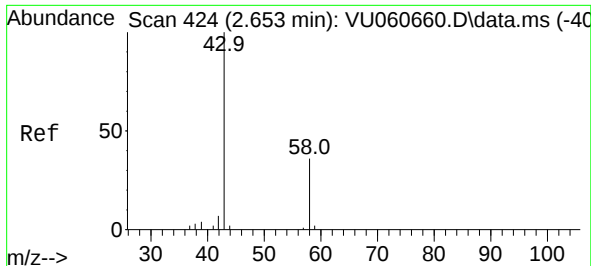
Tgt Ion:101 Resp: 41008
Ion Ratio Lower Upper
101 100
85 48.3 35.8 53.6
151 75.2 61.7 92.5



#12
1,1-Dichloroethene
Concen: 4.712 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU060747.D
Acq: 13 Sep 2024 11:55

Tgt Ion: 96 Resp: 37343
Ion Ratio Lower Upper
96 100
61 164.0 116.4 216.2
63 86.1 74.8 139.0





#13

Acetone

Concen: 46.720 ug/L

RT: 2.653 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU060747.D

Acq: 13 Sep 2024 11:55

Instrument :

MSVOA_U

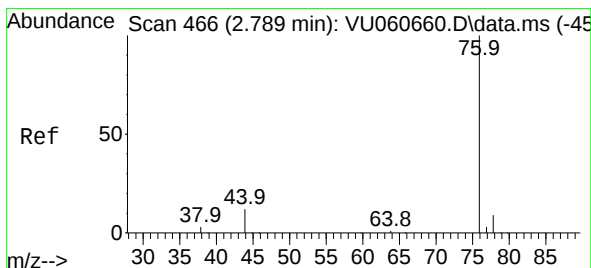
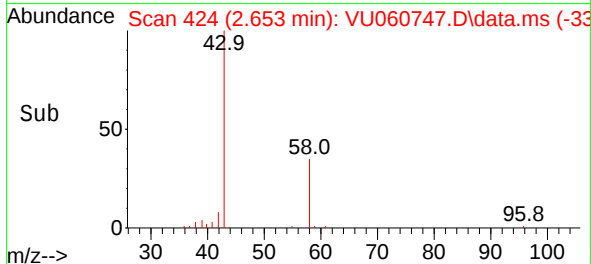
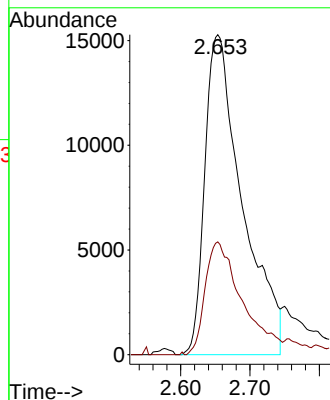
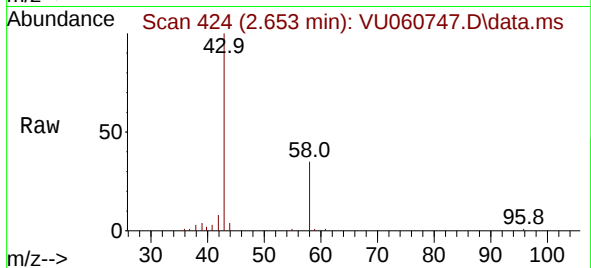
ClientSampleId :

Tgt Ion: 43 Resp: 57420

Ion Ratio Lower Upper

43 100

58 34.9 0.0 66.8



#14

Carbon disulfide

Concen: 3.985 ug/L

RT: 2.789 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU060747.D

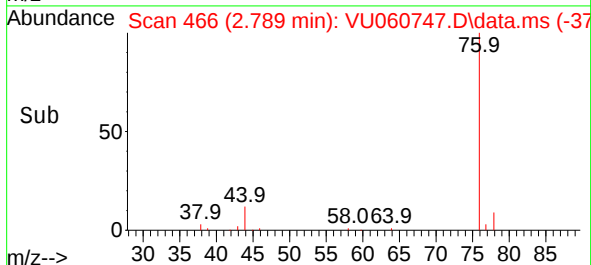
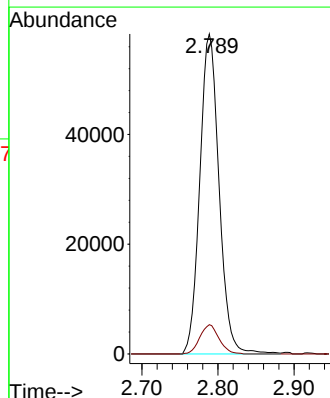
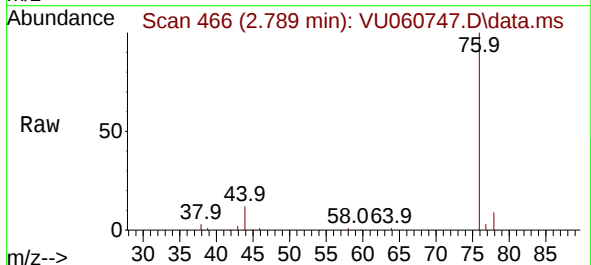
Acq: 13 Sep 2024 11:55

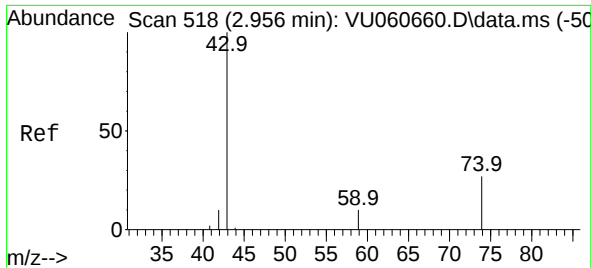
Tgt Ion: 76 Resp: 102498

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2

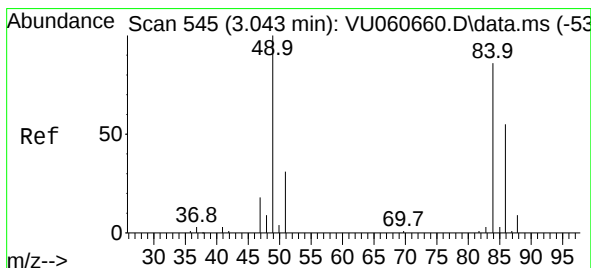
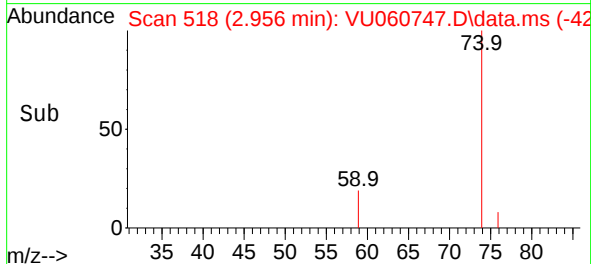
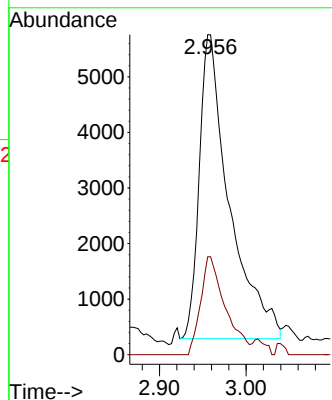
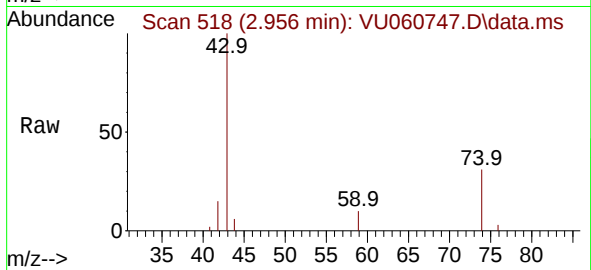




#15
Methyl Acetate
Concen: 5.253 ug/L
RT: 2.956 min Scan# 518
Delta R.T. -0.000 min
Lab File: VU060747.D
Acq: 13 Sep 2024 11:55

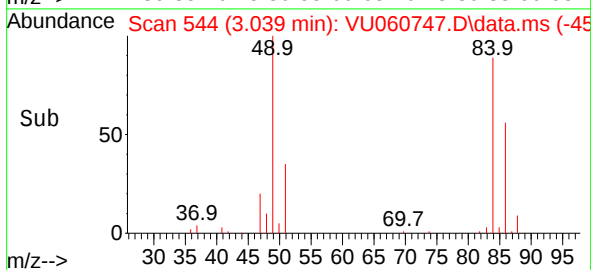
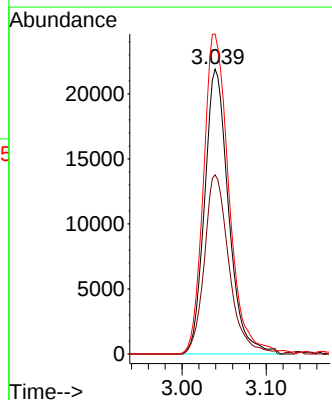
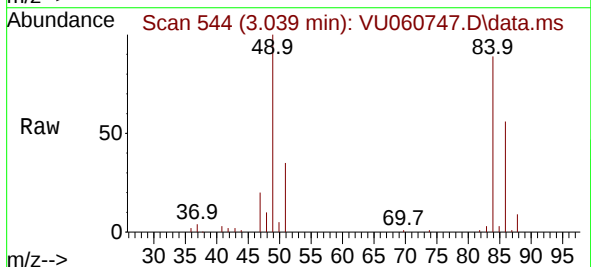
Instrument :
MSVOA_U
ClientSampleId :

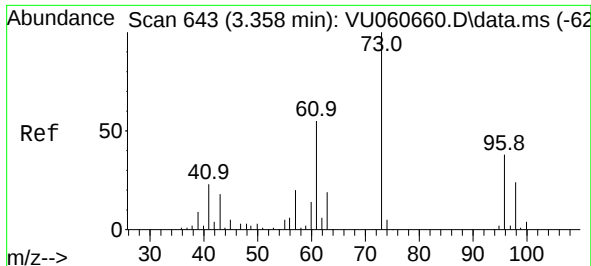
Tgt Ion: 43 Resp: 13201
Ion Ratio Lower Upper
43 100
74 26.4 21.4 32.2



#16
Methylene chloride
Concen: 5.637 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU060747.D
Acq: 13 Sep 2024 11:55

Tgt Ion: 84 Resp: 43394
Ion Ratio Lower Upper
84 100
86 62.9 47.5 88.3
49 112.3 94.4 175.2

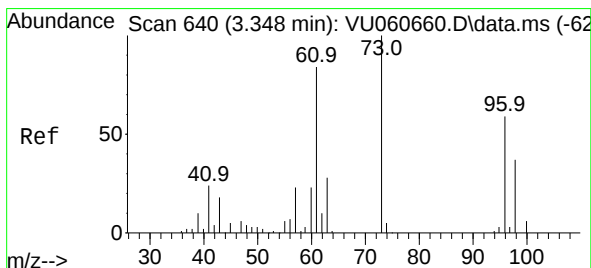
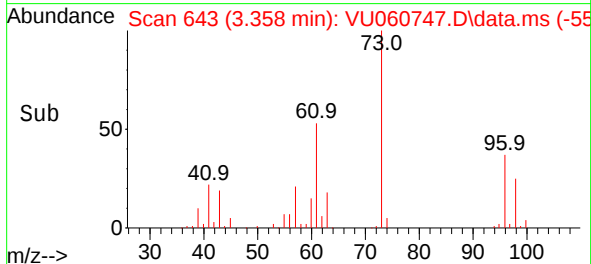
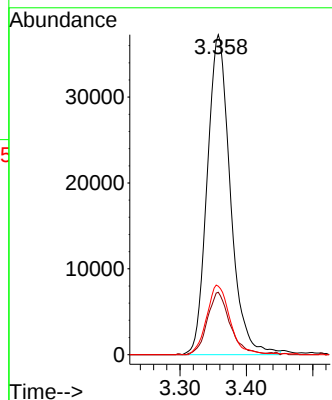
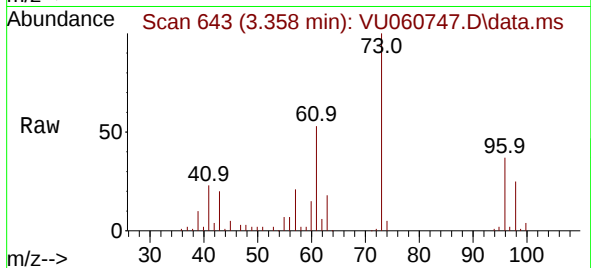




#17
Methyl tert-butyl Ether
Concen: 5.614 ug/L
RT: 3.358 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU060747.D
Acq: 13 Sep 2024 11:55

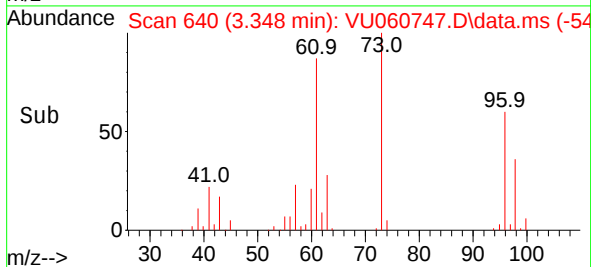
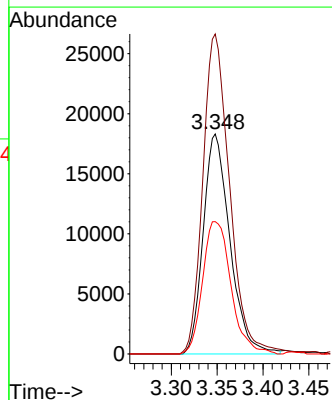
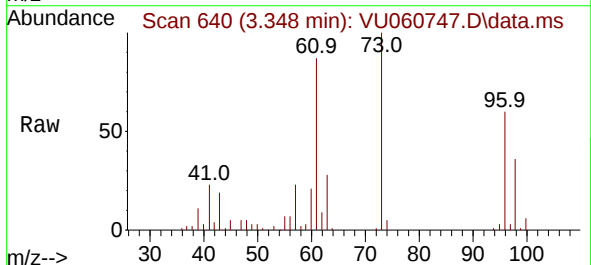
Instrument :
MSVOA_U
ClientSampleId :

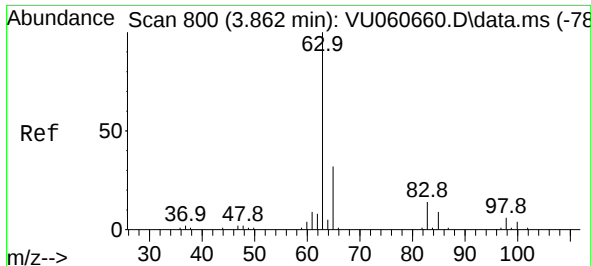
Tgt Ion: 73	Resp: 90307
Ion Ratio	Lower Upper
73	100
43	19.3 15.8 23.6
57	22.0 16.8 25.2



#18
trans-1,2-Dichloroethene
Concen: 5.377 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU060747.D
Acq: 13 Sep 2024 11:55

Tgt Ion: 96	Resp: 37103
Ion Ratio	Lower Upper
96	100
61	145.4 99.2 184.2
98	60.2 44.0 81.8

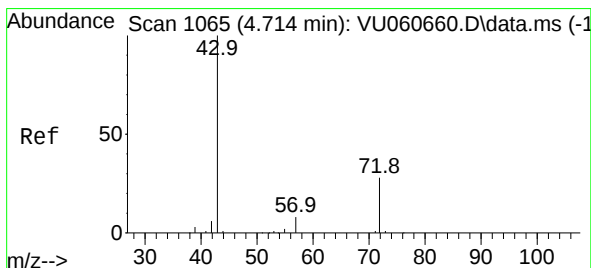
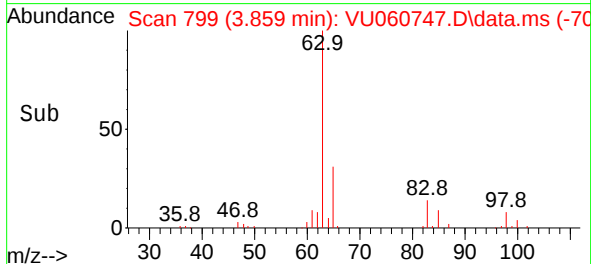
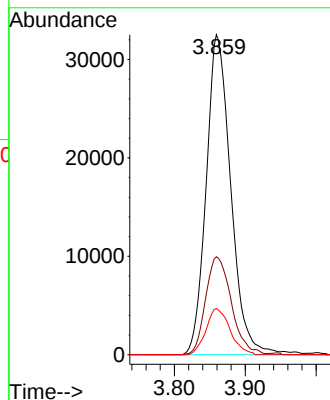
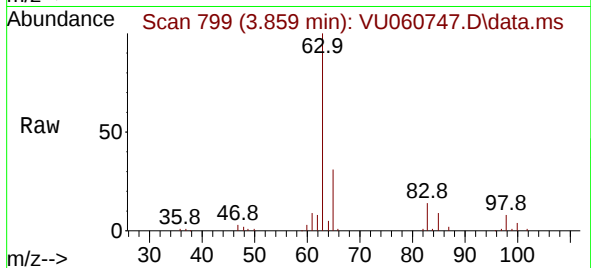




#19
1,1-Dichloroethane
Concen: 5.597 ug/L
RT: 3.859 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU060747.D
Acq: 13 Sep 2024 11:55

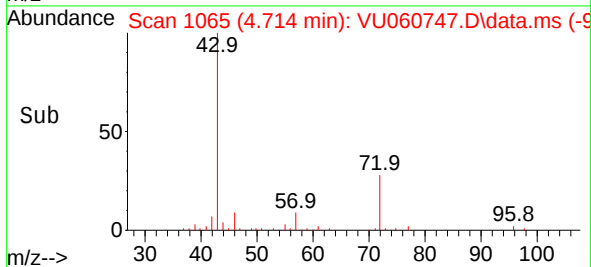
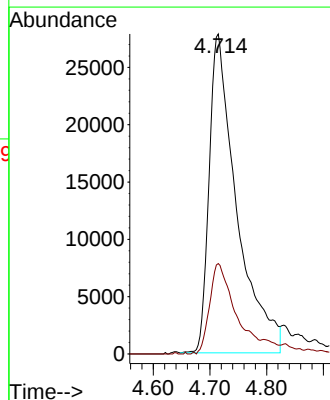
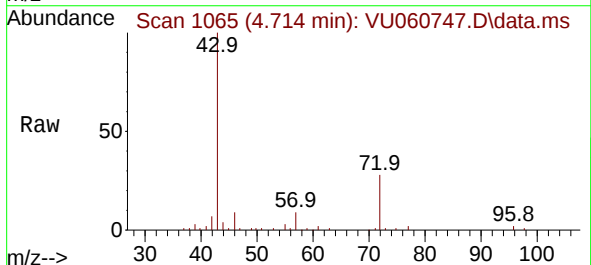
Instrument :
MSVOA_U
ClientSampleId :

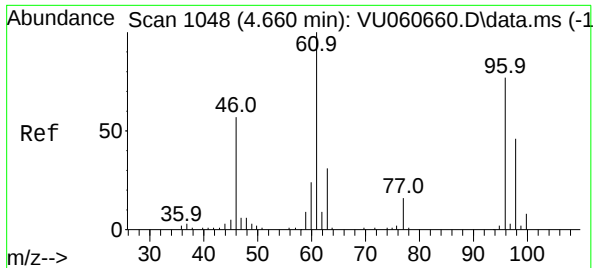
Tgt Ion:	63	Resp:	78253
Ion	Ratio	Lower	Upper
63	100		
65	31.3	20.5	38.1
83	14.4	9.2	17.2



#21
2-Butanone
Concen: 55.832 ug/L
RT: 4.714 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VU060747.D
Acq: 13 Sep 2024 11:55

Tgt Ion:	43	Resp:	93839
Ion	Ratio	Lower	Upper
43	100		
72	26.1	14.0	42.0

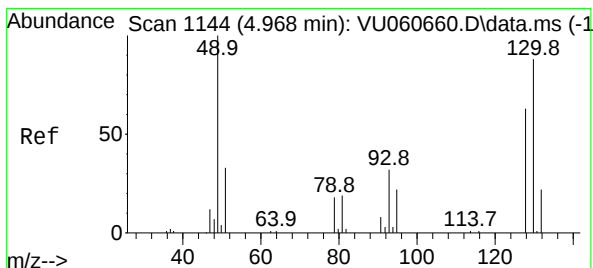
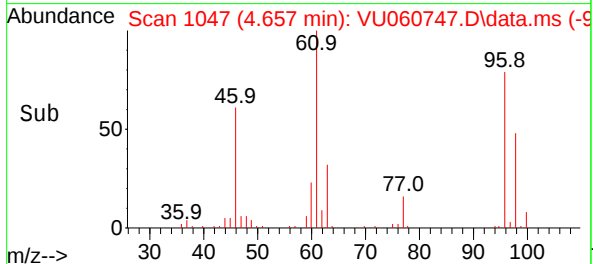
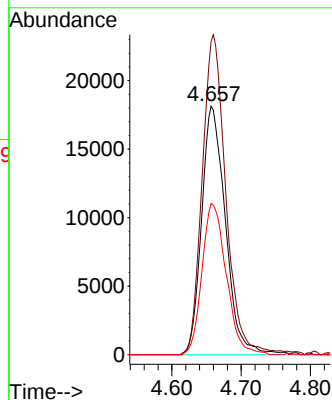
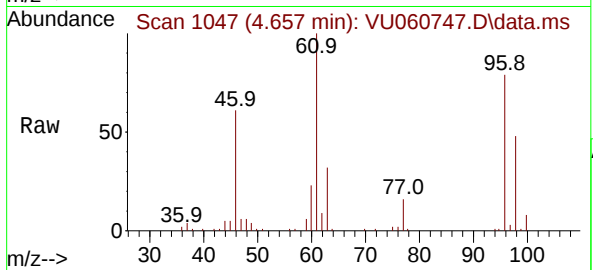




#22
 cis-1,2-Dichloroethene
 Concen: 5.624 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. -0.003 min
 Lab File: VU060747.D
 Acq: 13 Sep 2024 11:55

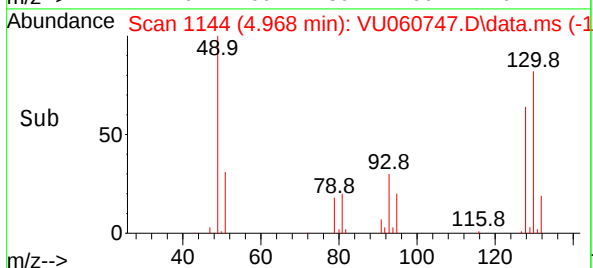
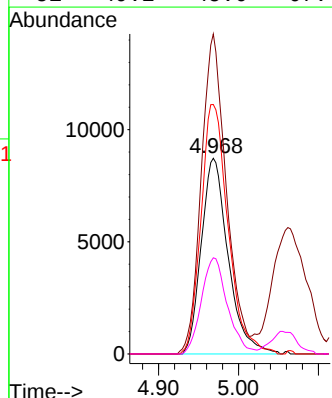
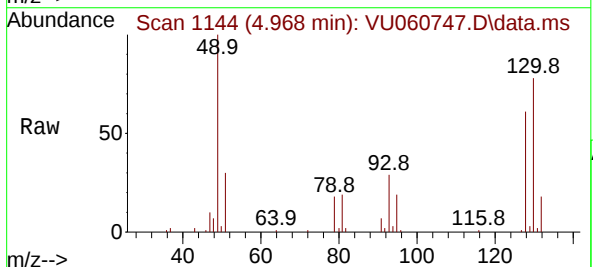
Instrument :
 MSVOA_U
 ClientSampleId :

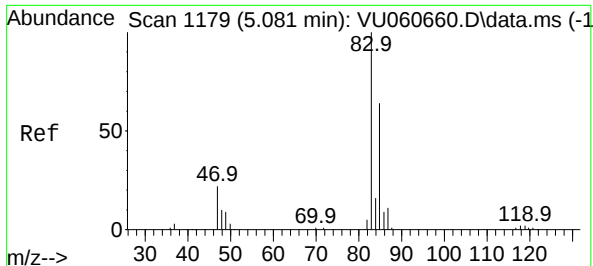
Tgt Ion: 96 Resp: 43241
 Ion Ratio Lower Upper
 96 100
 61 126.0 92.9 172.5
 98 60.8 45.0 83.6



#23
 Bromochloromethane
 Concen: 5.836 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.000 min
 Lab File: VU060747.D
 Acq: 13 Sep 2024 11:55

Tgt Ion:128 Resp: 20391
 Ion Ratio Lower Upper
 128 100
 49 168.6 108.1 200.7
 130 127.5 93.1 172.9
 51 49.2 45.0 67.4





#25

Chloroform

Concen: 5.672 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VU060747.D

Acq: 13 Sep 2024 11:55

Instrument :

MSVOA_U

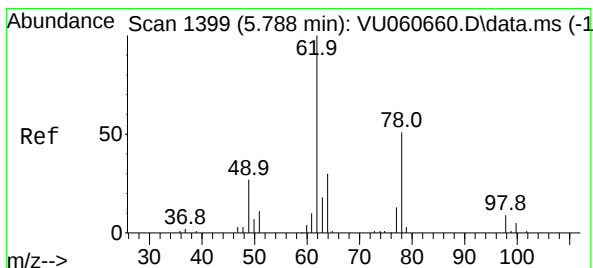
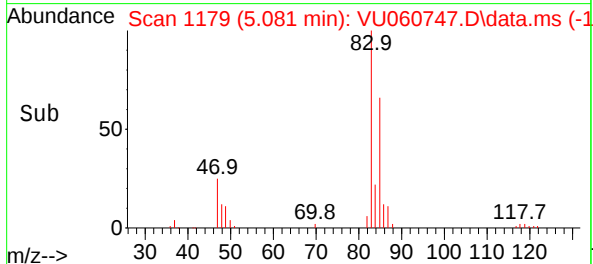
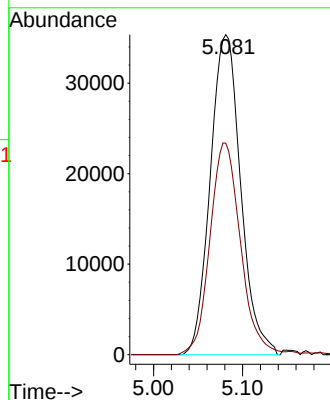
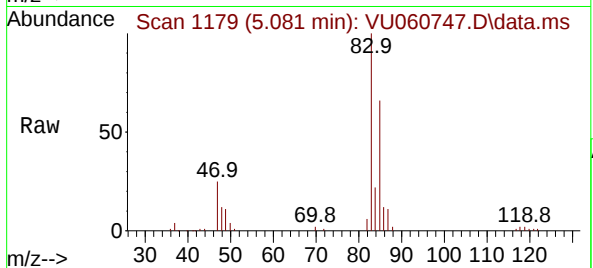
ClientSampleId :

Tgt Ion: 83 Resp: 83932

Ion Ratio Lower Upper

83 100

85 66.1 46.4 86.2



#27

1,2-Dichloroethane

Concen: 5.401 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU060747.D

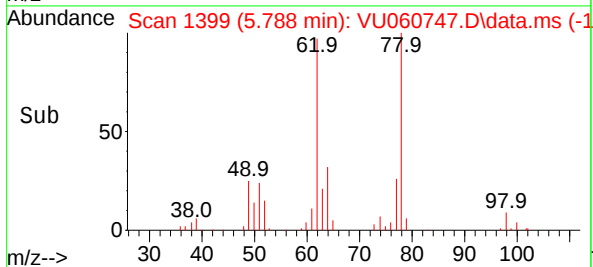
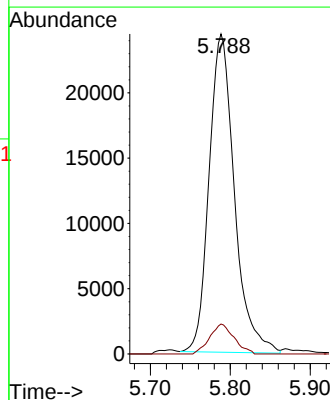
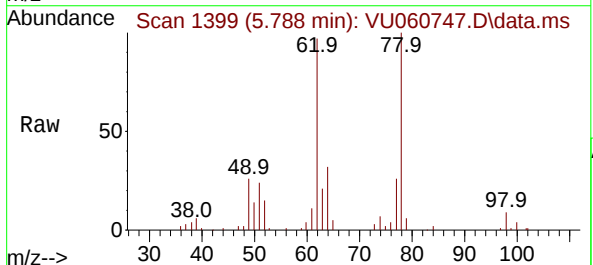
Acq: 13 Sep 2024 11:55

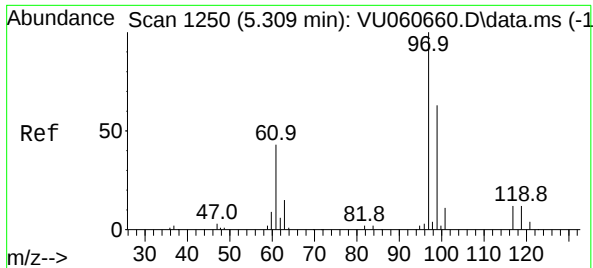
Tgt Ion: 62 Resp: 53642

Ion Ratio Lower Upper

62 100

98 9.3 7.0 10.4

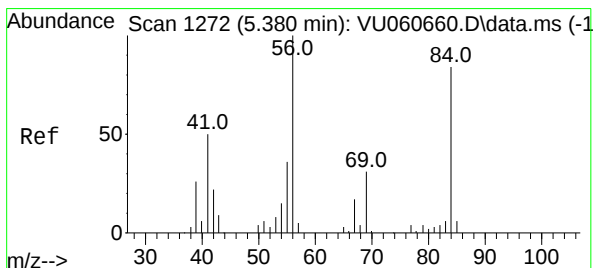
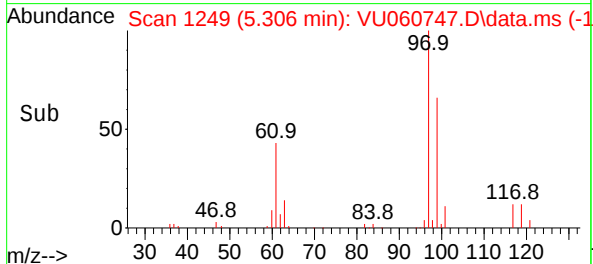
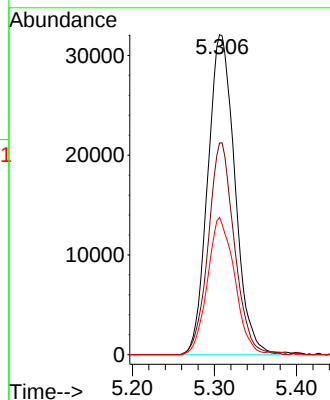
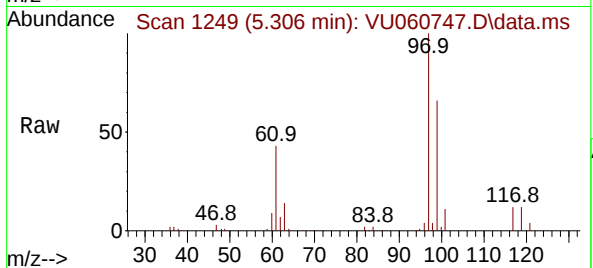




#29
1,1,1-Trichloroethane
Concen: 5.474 ug/L
RT: 5.306 min Scan# 1250
Delta R.T. -0.003 min
Lab File: VU060747.D
Acq: 13 Sep 2024 11:55

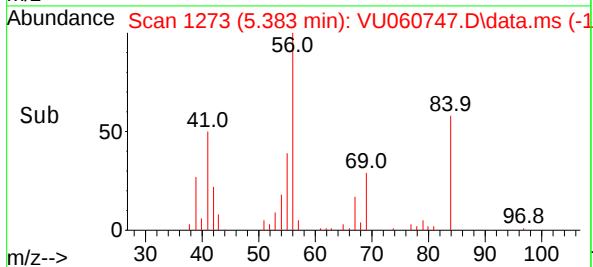
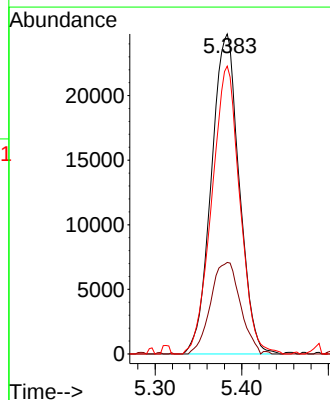
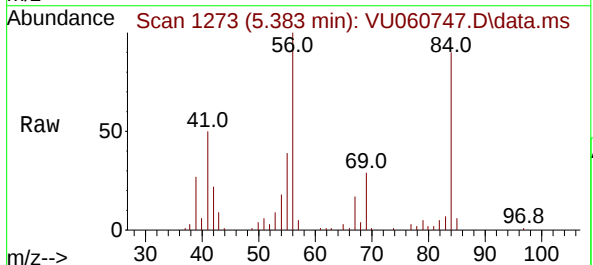
Instrument :
MSVOA_U
ClientSampleId :

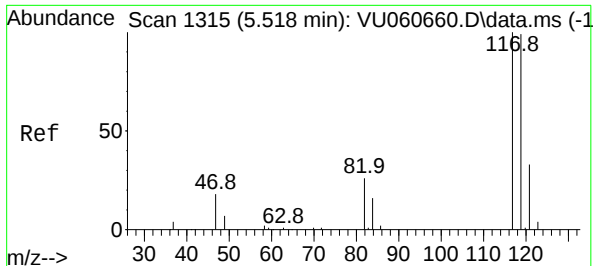
Tgt Ion: 97	Resp: 73778
Ion Ratio	Lower Upper
97	100
99	63.9 49.7 74.5
61	42.7 35.4 53.2



#30
Cyclohexane
Concen: 4.959 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VU060747.D
Acq: 13 Sep 2024 11:55

Tgt Ion: 56	Resp: 55336
Ion Ratio	Lower Upper
56	100
69	30.5 24.2 36.2
84	90.5 69.7 104.5

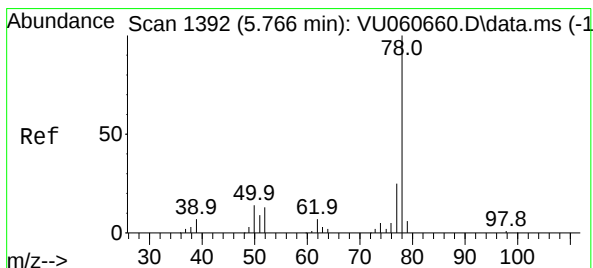
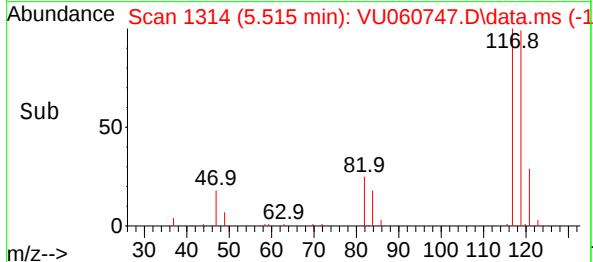
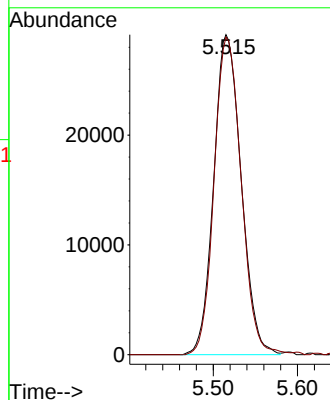
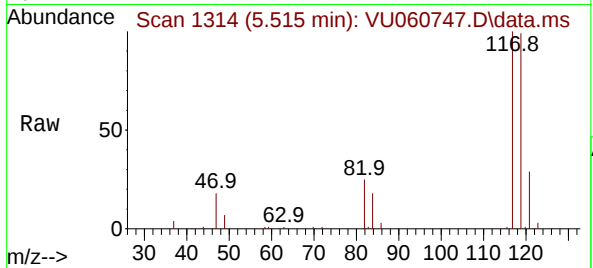




#31
Carbon tetrachloride
Concen: 5.290 ug/L
RT: 5.515 min Scan# 1315
Delta R.T. -0.003 min
Lab File: VU060747.D
Acq: 13 Sep 2024 11:55

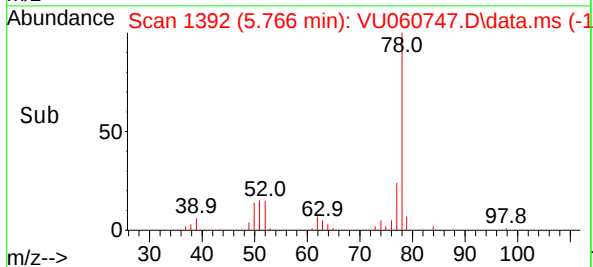
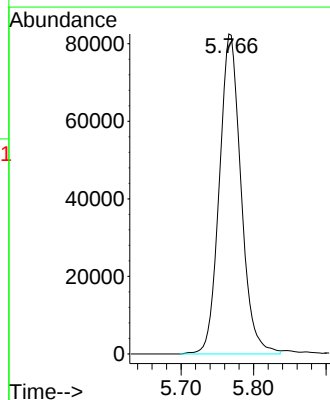
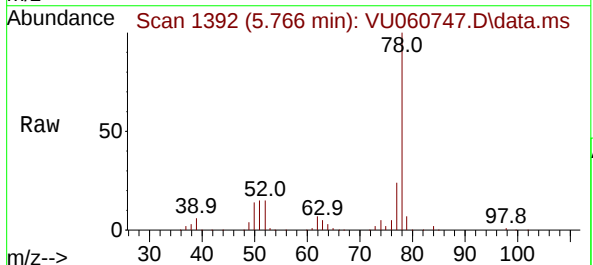
Instrument :
MSVOA_U
ClientSampleId :

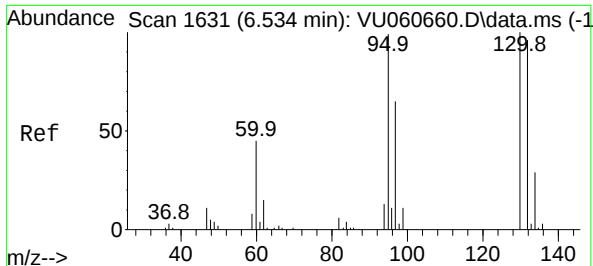
Tgt Ion:117 Resp: 65885
Ion Ratio Lower Upper
117 100
119 97.6 76.4 114.6



#33
Benzene
Concen: 5.487 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU060747.D
Acq: 13 Sep 2024 11:55

Tgt Ion: 78 Resp: 171243





#34

Trichloroethene

Concen: 5.327 ug/L

RT: 6.538 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU060747.D

Acq: 13 Sep 2024 11:55

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 45069

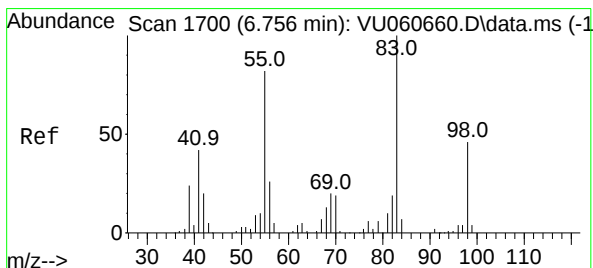
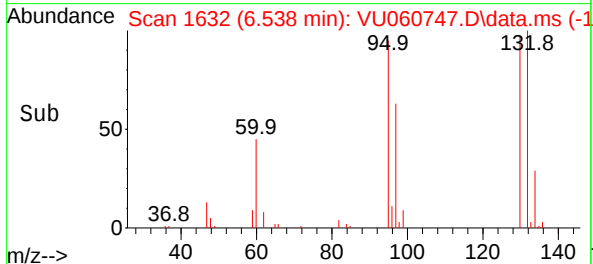
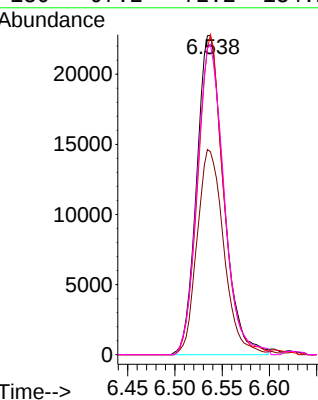
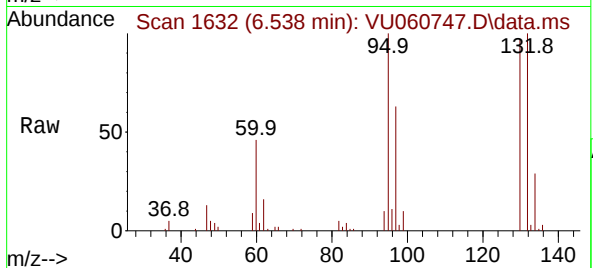
Ion Ratio Lower Upper

95 100

97 63.6 45.8 85.2

132 100.2 67.4 125.2

130 97.2 72.2 134.2



#35

Methylcyclohexane

Concen: 5.236 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VU060747.D

Acq: 13 Sep 2024 11:55

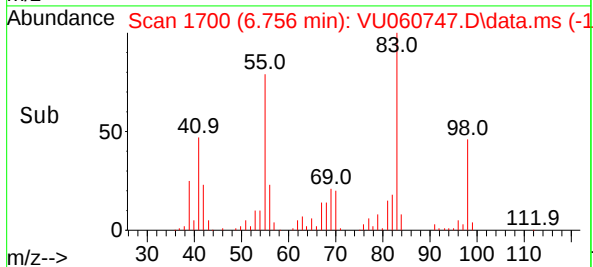
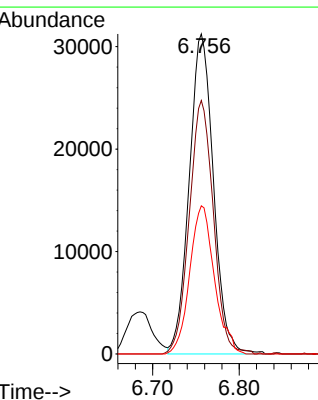
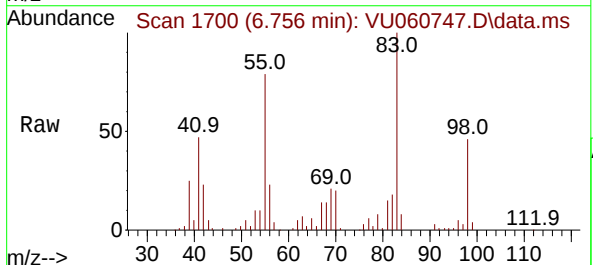
Tgt Ion: 83 Resp: 60777

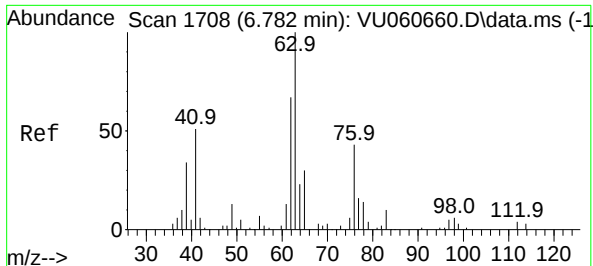
Ion Ratio Lower Upper

83 100

55 78.7 65.8 98.8

98 47.2 37.8 56.8

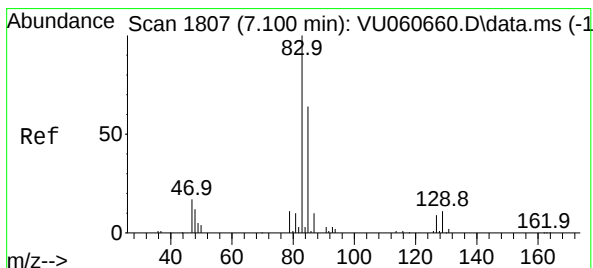
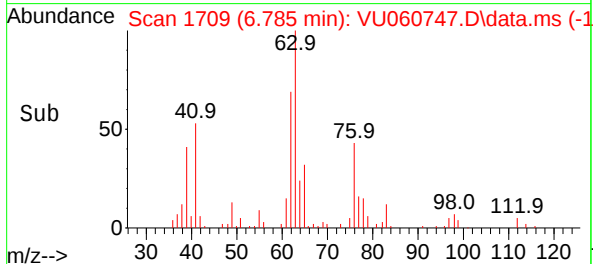
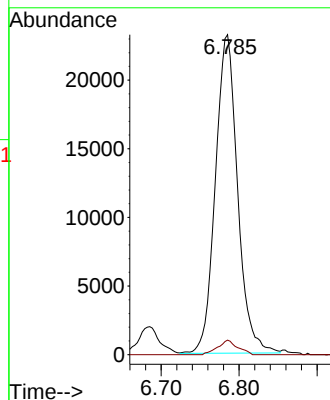
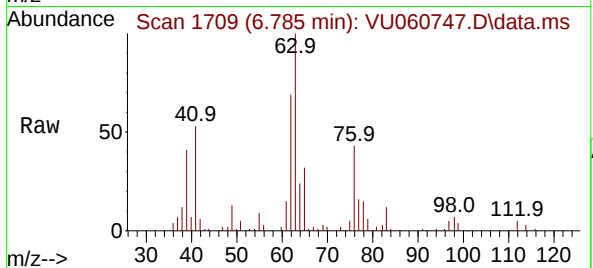




#37
1,2-Dichloropropane
Concen: 5.745 ug/L
RT: 6.785 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU060747.D
Acq: 13 Sep 2024 11:55

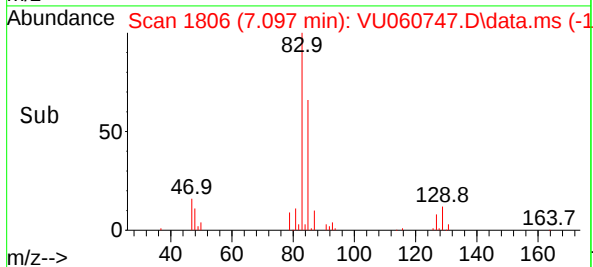
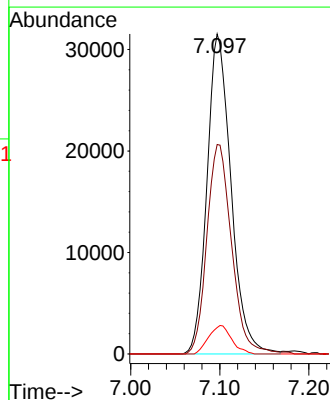
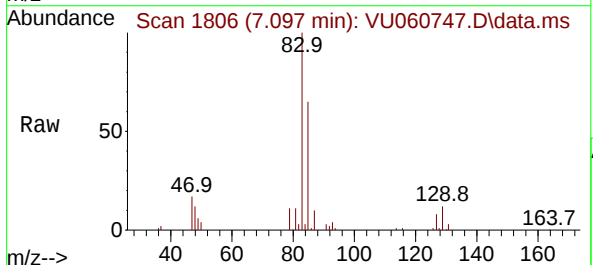
Instrument :
MSVOA_U
ClientSampleId :

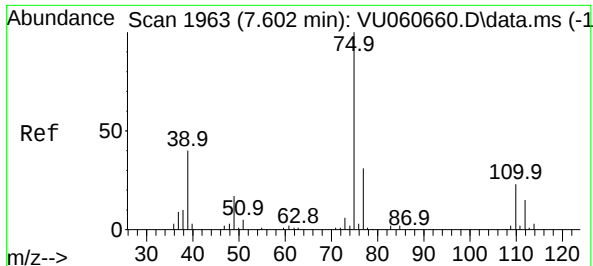
Tgt Ion: 63 Resp: 45944
Ion Ratio Lower Upper
63 100
112 4.1 2.3 3.5#



#38
Bromodichloromethane
Concen: 5.624 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VU060747.D
Acq: 13 Sep 2024 11:55

Tgt Ion: 83 Resp: 59095
Ion Ratio Lower Upper
83 100
85 65.4 44.9 83.5
127 8.2 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 5.436 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VU060747.D

Acq: 13 Sep 2024 11:55

Instrument :

MSVOA_U

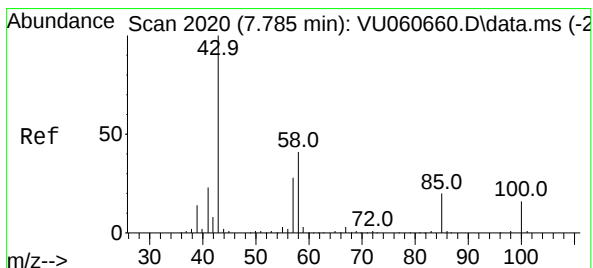
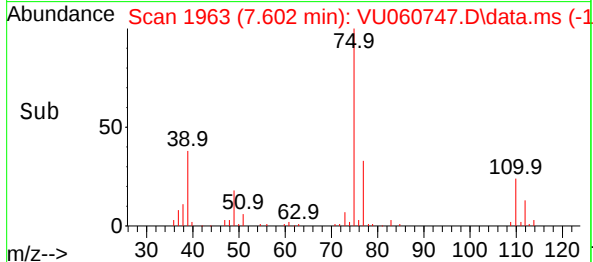
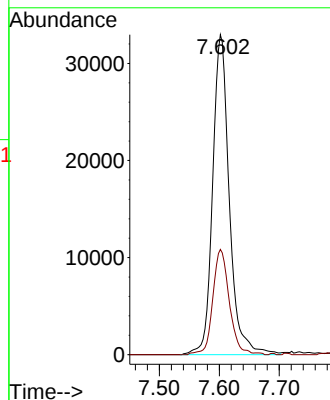
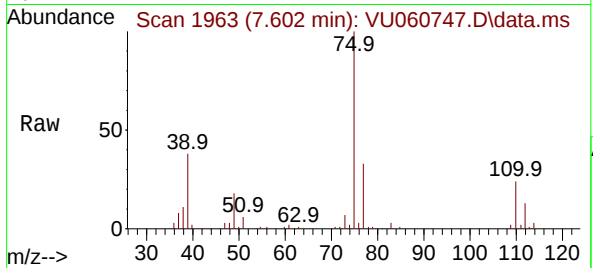
ClientSampleId :

Tgt Ion: 75 Resp: 63743

Ion Ratio Lower Upper

75 100

77 32.9 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 58.612 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. -0.000 min

Lab File: VU060747.D

Acq: 13 Sep 2024 11:55

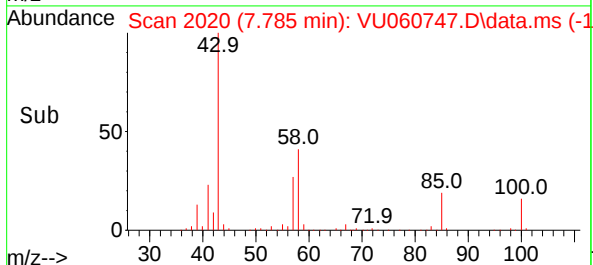
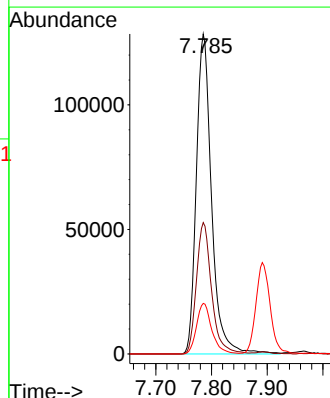
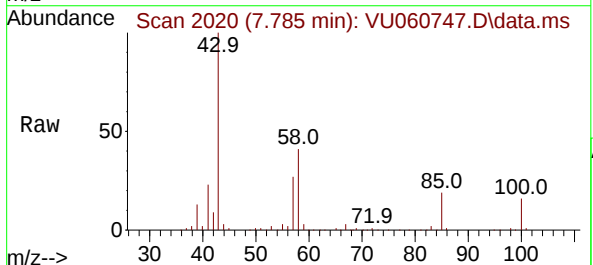
Tgt Ion: 43 Resp: 244113

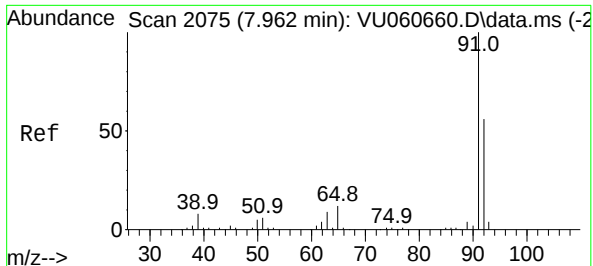
Ion Ratio Lower Upper

43 100

58 40.8 32.5 48.7

100 15.9 12.5 18.7

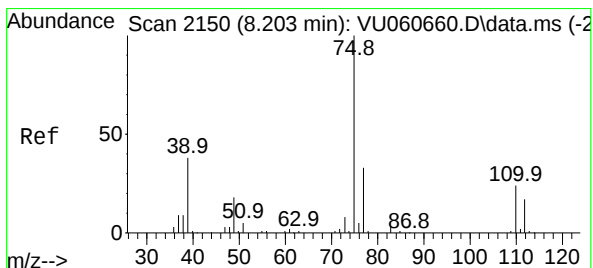
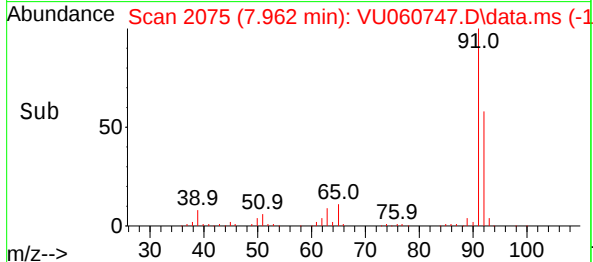
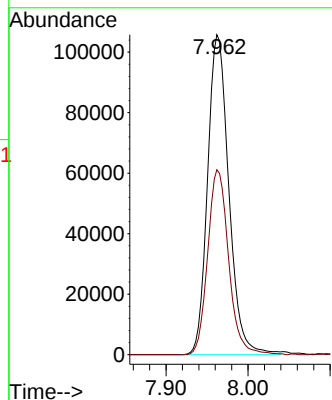
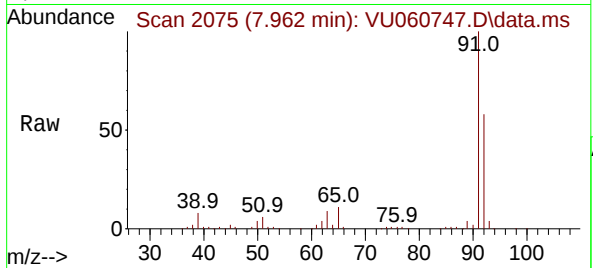




#42
Toluene
Concen: 5.768 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. -0.000 min
Lab File: VU060747.D
Acq: 13 Sep 2024 11:55

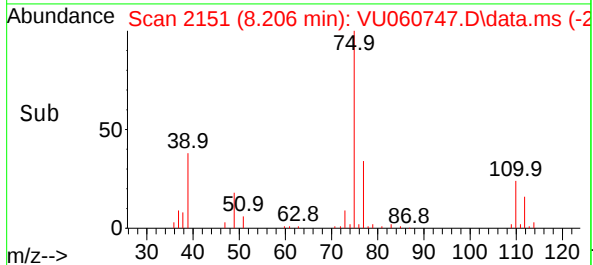
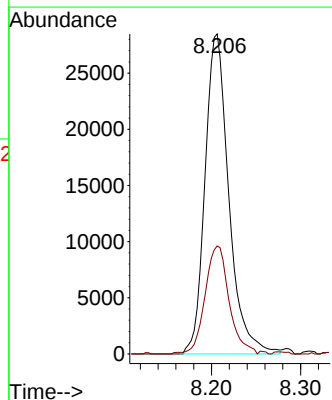
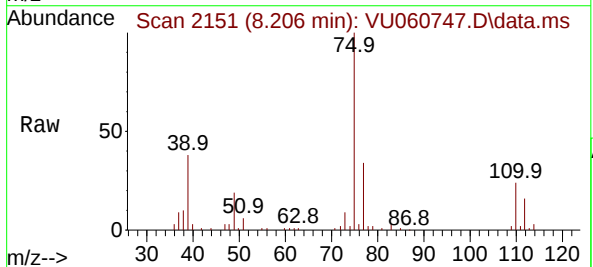
Instrument :
MSVOA_U
ClientSampleId :

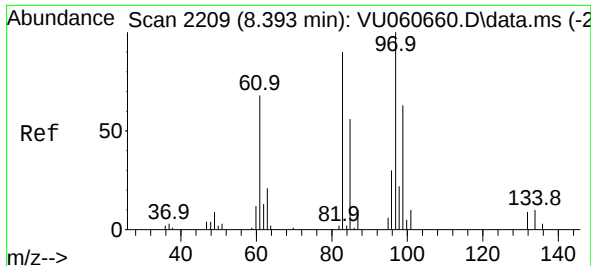
Tgt Ion: 91 Resp: 190245
Ion Ratio Lower Upper
91 100
92 57.8 38.0 70.6



#44
trans-1,3-Dichloropropene
Concen: 5.489 ug/L
RT: 8.206 min Scan# 2151
Delta R.T. 0.003 min
Lab File: VU060747.D
Acq: 13 Sep 2024 11:55

Tgt Ion: 75 Resp: 52840
Ion Ratio Lower Upper
75 100
77 33.8 23.4 43.6





#45

1,1,2-Trichloroethane

Concen: 5.744 ug/L

RT: 8.393 min Scan# 2209

Delta R.T. -0.000 min

Lab File: VU060747.D

Acq: 13 Sep 2024 11:55

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 33274

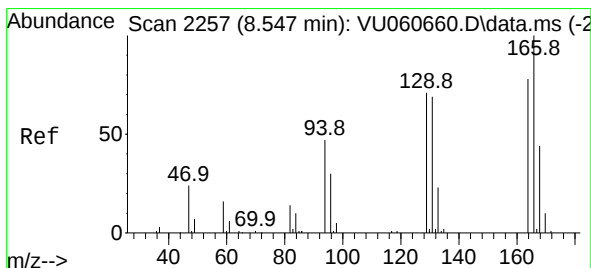
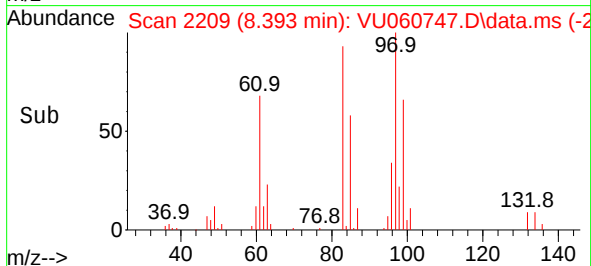
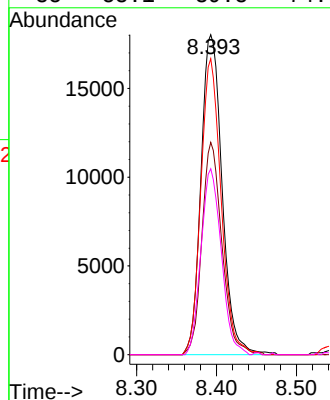
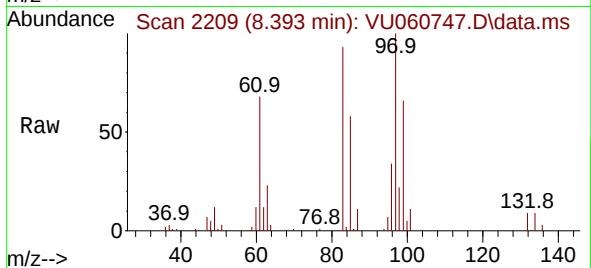
Ion Ratio Lower Upper

97 100

99 66.3 42.4 78.8

83 92.5 64.0 119.0

85 58.1 39.8 74.0



#47

Tetrachloroethene

Concen: 5.141 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU060747.D

Acq: 13 Sep 2024 11:55

Tgt Ion:164 Resp: 35646

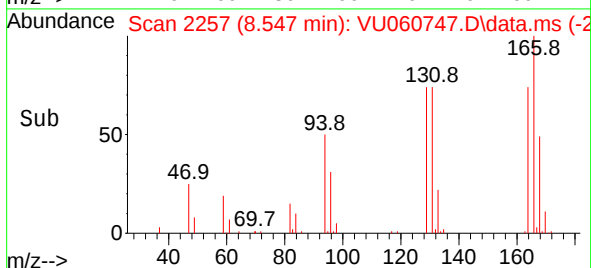
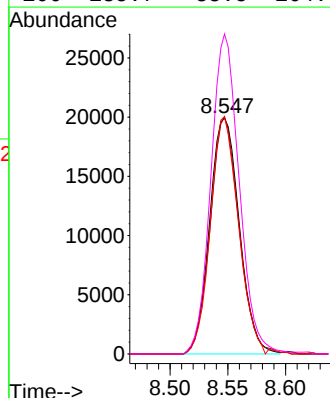
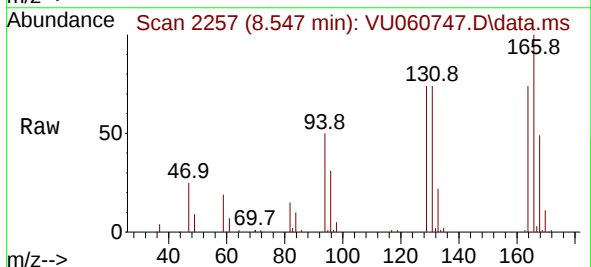
Ion Ratio Lower Upper

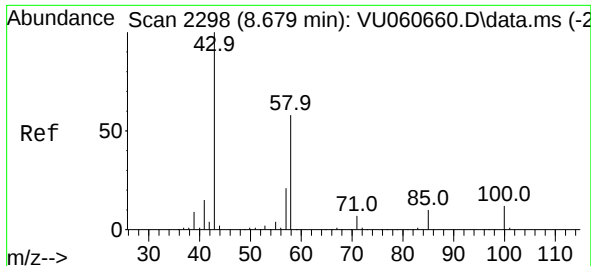
164 100

129 100.6 67.8 125.8

131 100.7 67.2 124.8

166 135.7 88.5 164.4





#48

2-Hexanone

Concen: 56.637 ug/L

RT: 8.679 min Scan# 2298

Delta R.T. -0.000 min

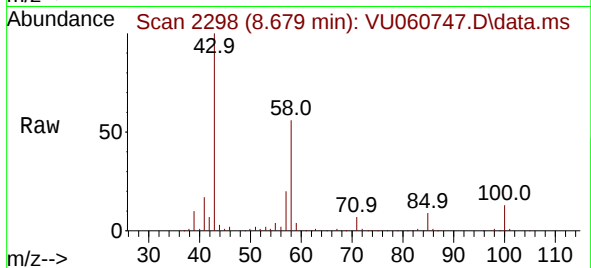
Lab File: VU060747.D

Acq: 13 Sep 2024 11:55

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 176534

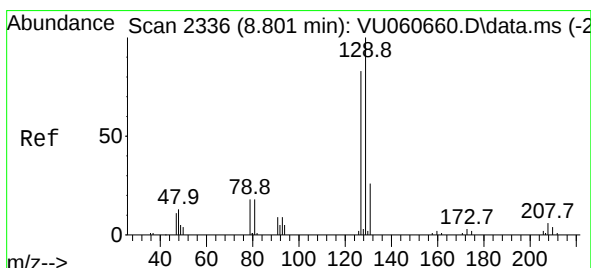
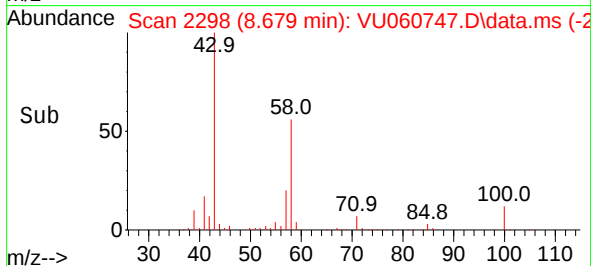
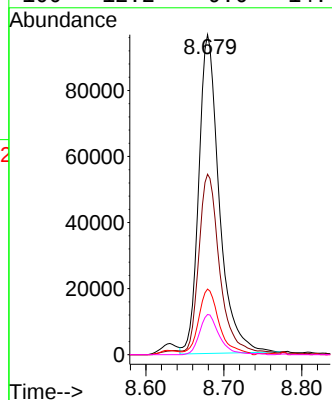
Ion Ratio Lower Upper

43 100

58 57.0 45.6 68.4

57 20.7 15.6 23.4

100 12.2 9.6 14.4



#49

Dibromochloromethane

Concen: 5.975 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VU060747.D

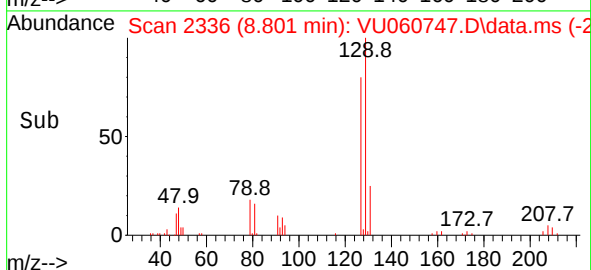
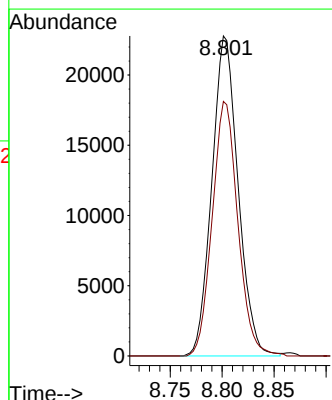
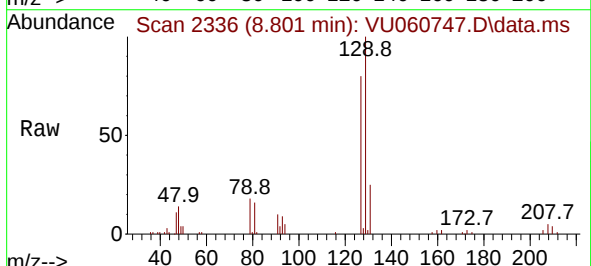
Acq: 13 Sep 2024 11:55

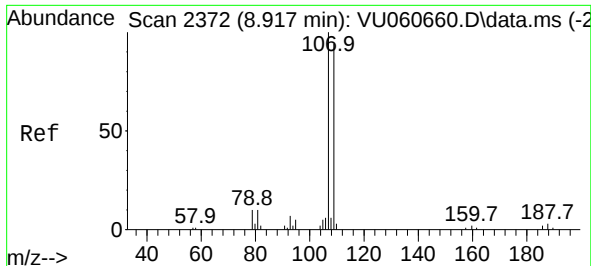
Tgt Ion: 129 Resp: 40076

Ion Ratio Lower Upper

129 100

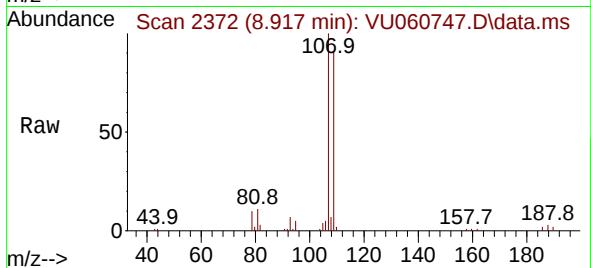
127 79.5 53.0 98.4



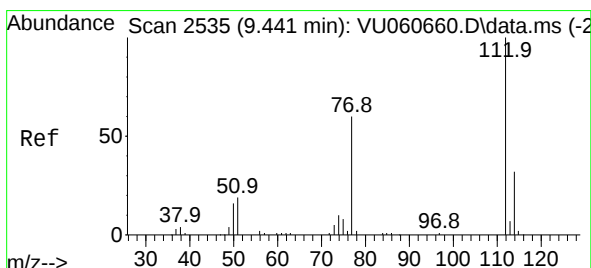
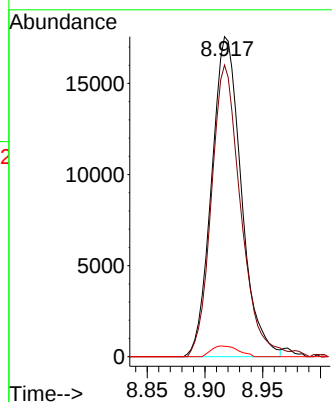
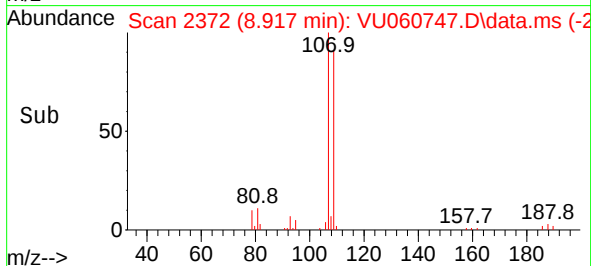


#50
1,2-Dibromoethane
Concen: 5.913 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU060747.D
Acq: 13 Sep 2024 11:55

Instrument :
MSVOA_U
ClientSampleId :

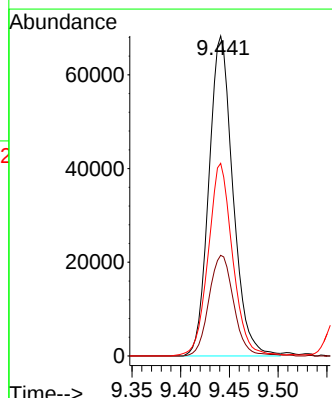
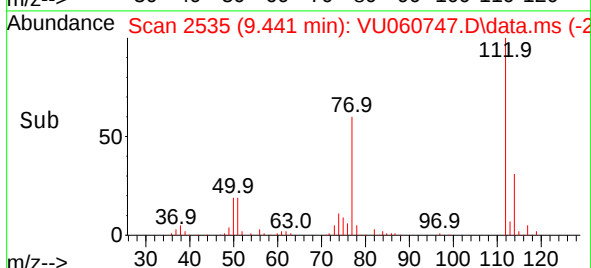
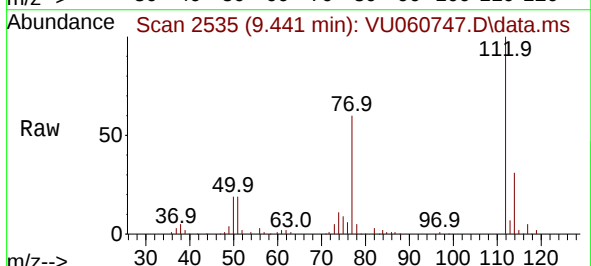


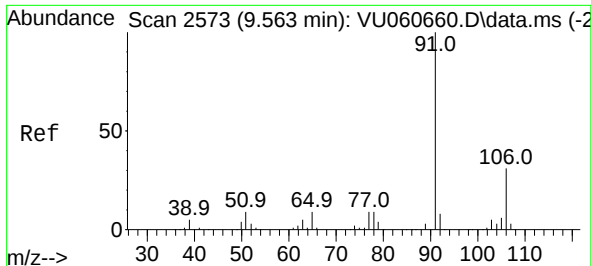
Tgt Ion:107 Resp: 31445
Ion Ratio Lower Upper
107 100
109 91.2 68.5 127.3
188 3.3 3.9 5.9#



#51
Chlorobenzene
Concen: 5.500 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU060747.D
Acq: 13 Sep 2024 11:55

Tgt Ion:112 Resp: 117421
Ion Ratio Lower Upper
112 100
114 31.5 21.9 40.7
77 60.2 47.4 71.2





#52

Ethylbenzene

Concen: 5.547 ug/L

RT: 9.563 min Scan# 2573

Delta R.T. -0.000 min

Lab File: VU060747.D

Acq: 13 Sep 2024 11:55

Instrument :

MSVOA_U

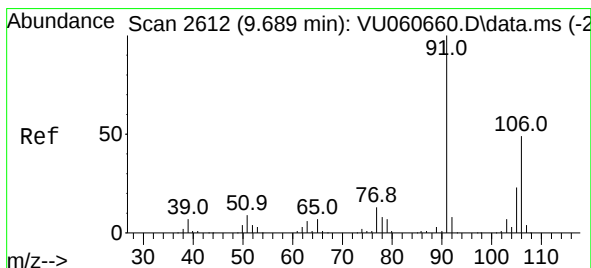
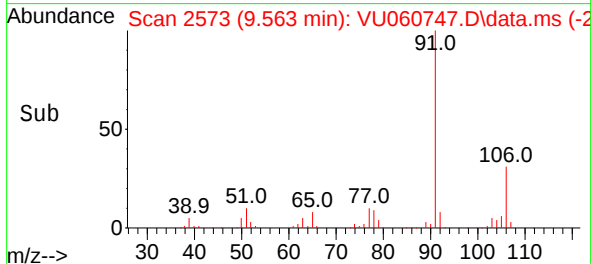
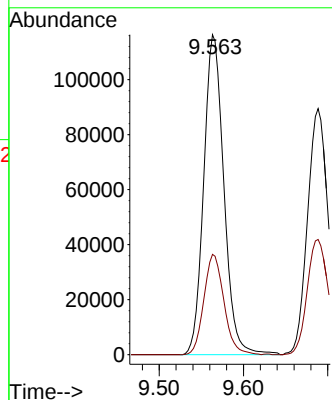
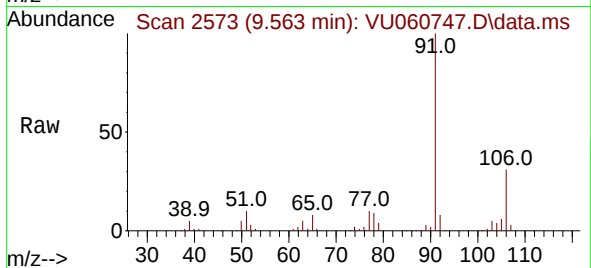
ClientSampleId :

Tgt Ion: 91 Resp: 193872

Ion Ratio Lower Upper

91 100

106 31.4 21.9 40.7



#53

m,p-Xylene

Concen: 5.779 ug/L

RT: 9.689 min Scan# 2612

Delta R.T. -0.000 min

Lab File: VU060747.D

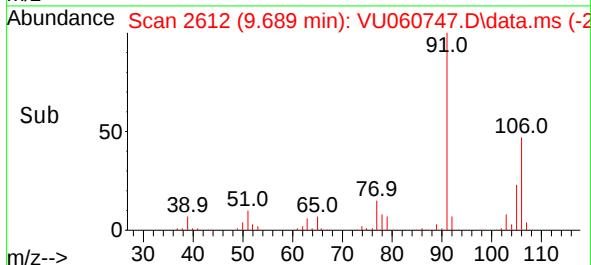
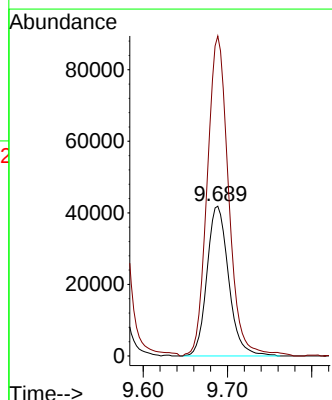
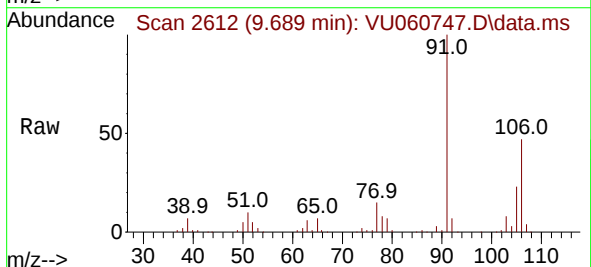
Acq: 13 Sep 2024 11:55

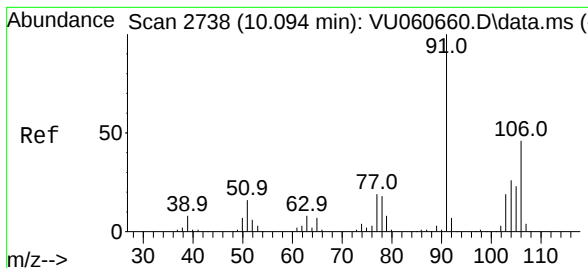
Tgt Ion:106 Resp: 75090

Ion Ratio Lower Upper

106 100

91 213.6 141.5 262.9

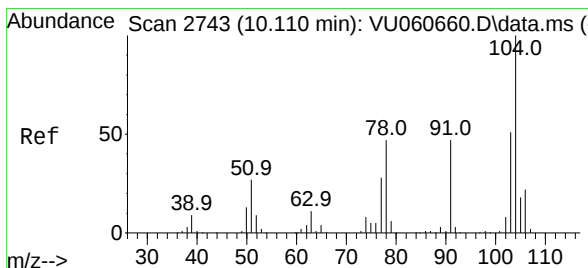
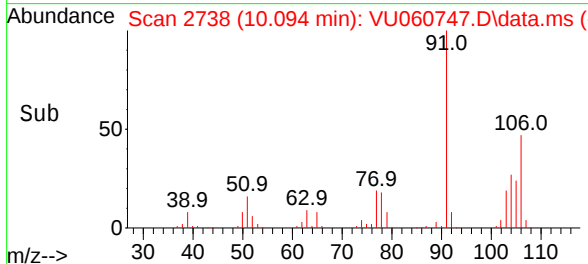
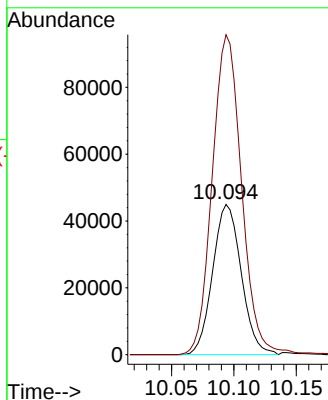
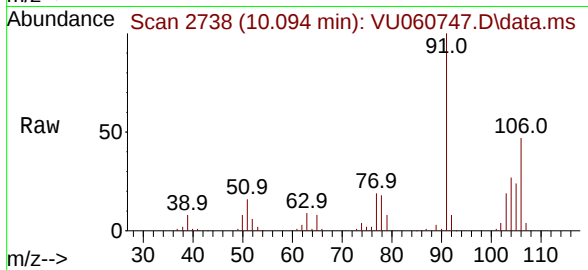




#54
o-Xylene
Concen: 5.399 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU060747.D
Acq: 13 Sep 2024 11:55

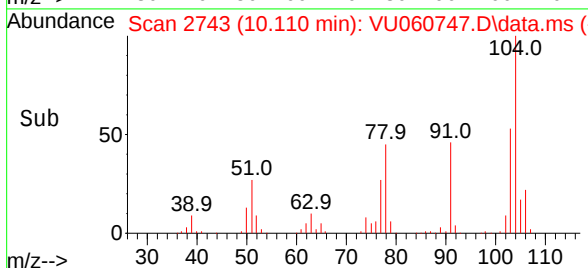
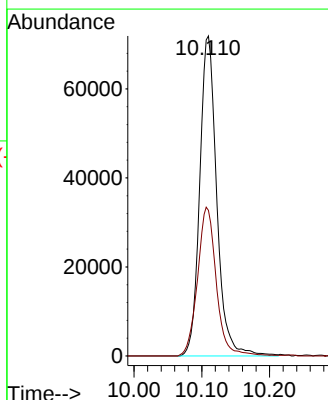
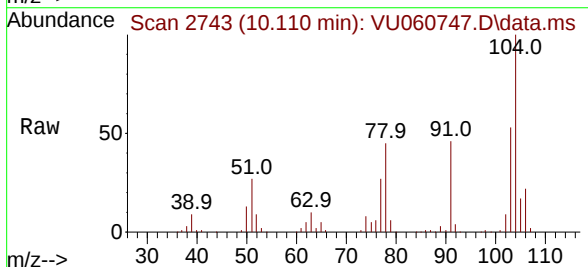
Instrument :
MSVOA_U
ClientSampleId :

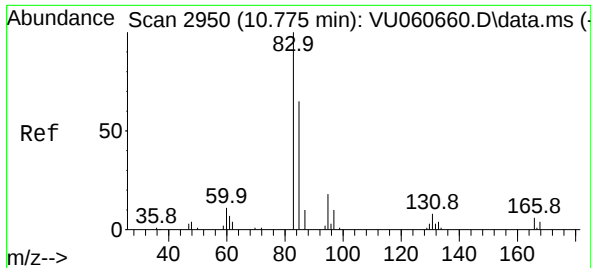
Tgt Ion:106 Resp: 71822
Ion Ratio Lower Upper
106 100
91 213.0 151.1 280.7



#55
Styrene
Concen: 5.770 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU060747.D
Acq: 13 Sep 2024 11:55

Tgt Ion:104 Resp: 125754
Ion Ratio Lower Upper
104 100
78 45.5 33.3 61.9

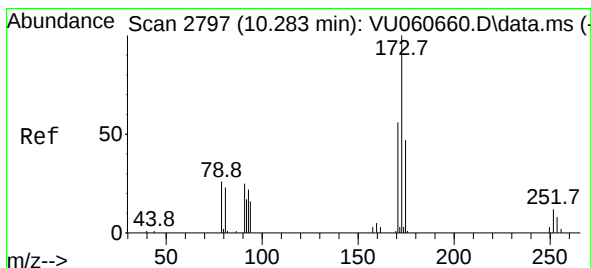
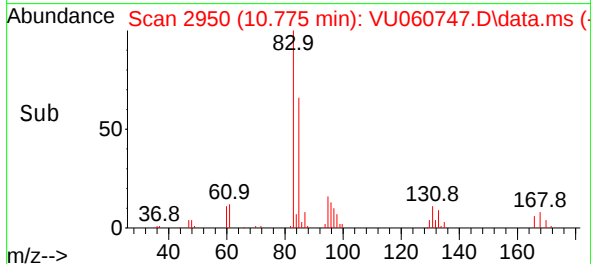
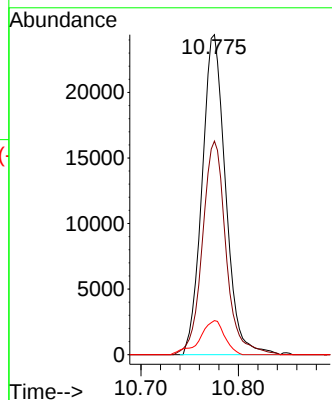
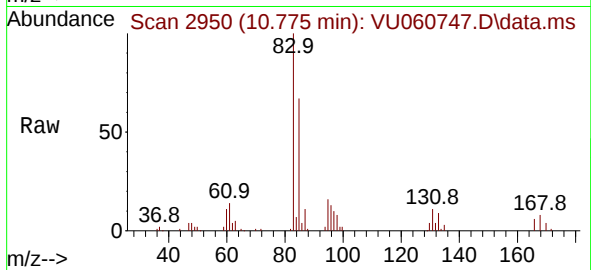




#57
1,1,2,2-Tetrachloroethane
Concen: 5.523 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU060747.D
Acq: 13 Sep 2024 11:55

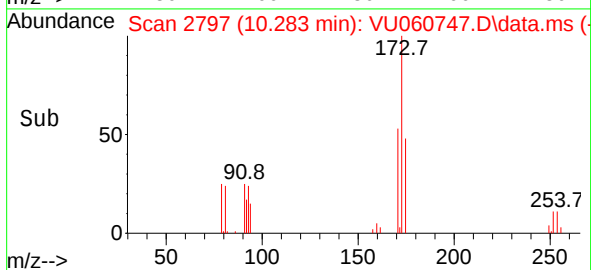
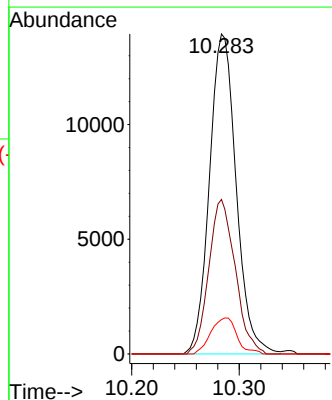
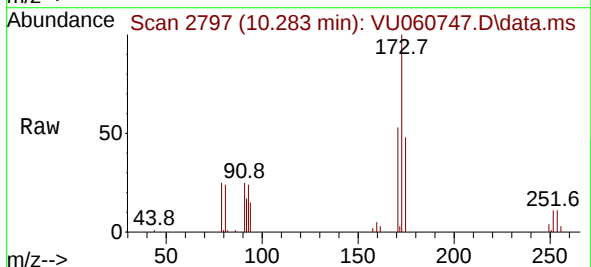
Instrument :
MSVOA_U
ClientSampleId :

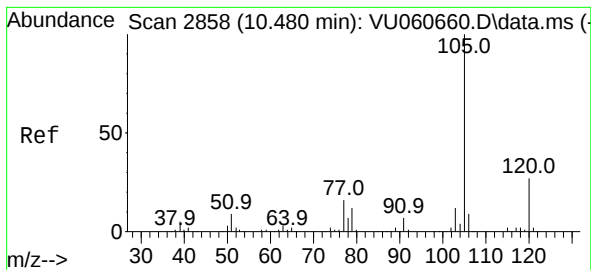
Tgt Ion:	83	Resp:	40848
Ion Ratio	Lower	Upper	
83	100		
85	66.7	43.3	80.5
131	10.6	8.9	13.3



#59
Bromoform
Concen: 5.554 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. -0.000 min
Lab File: VU060747.D
Acq: 13 Sep 2024 11:55

Tgt Ion:	173	Resp:	24095
Ion Ratio	Lower	Upper	
173	100		
175	47.6	39.8	59.8
254	11.0	8.2	12.2





#60

Isopropylbenzene

Concen: 5.549 ug/L

RT: 10.476 min Scan# 2858

Delta R.T. -0.003 min

Lab File: VU060747.D

Acq: 13 Sep 2024 11:55

Instrument :

MSVOA_U

ClientSampleId :

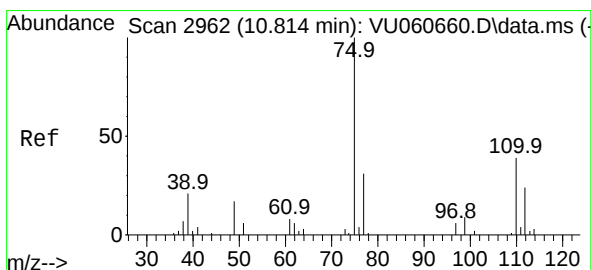
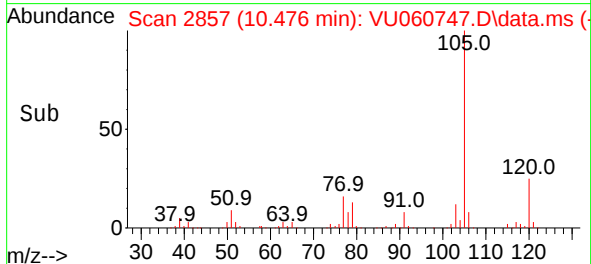
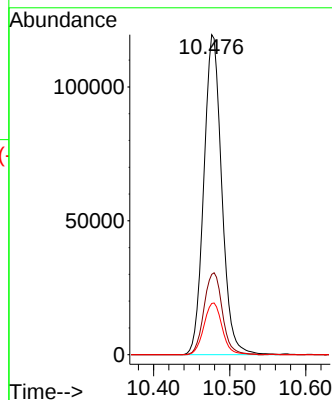
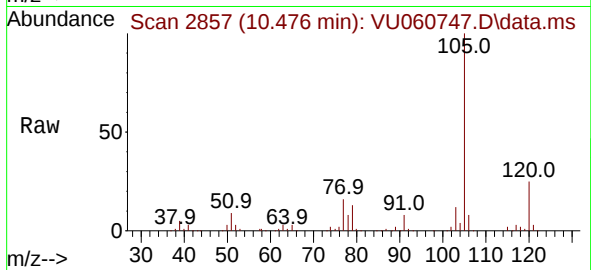
Tgt Ion:105 Resp: 195700

Ion Ratio Lower Upper

105 100

120 26.3 21.0 31.4

77 16.5 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 5.730 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.000 min

Lab File: VU060747.D

Acq: 13 Sep 2024 11:55

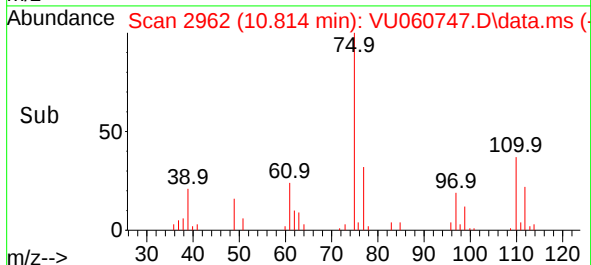
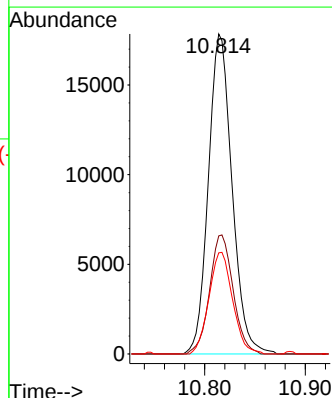
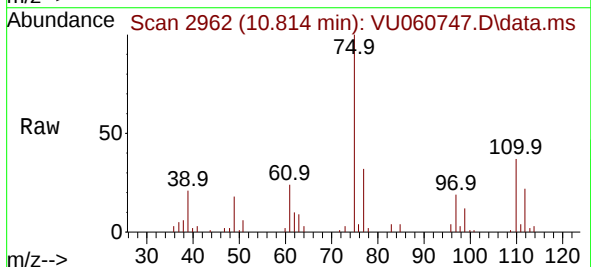
Tgt Ion: 75 Resp: 29182

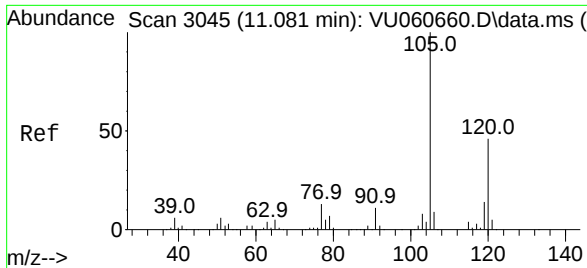
Ion Ratio Lower Upper

75 100

110 37.0 30.2 45.4

77 31.8 25.4 38.2





#62

1,3,5-Trimethylbenzene

Concen: 5.738 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU060747.D

Acq: 13 Sep 2024 11:55

Instrument :

MSVOA_U

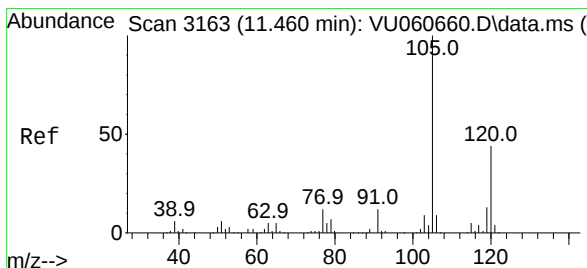
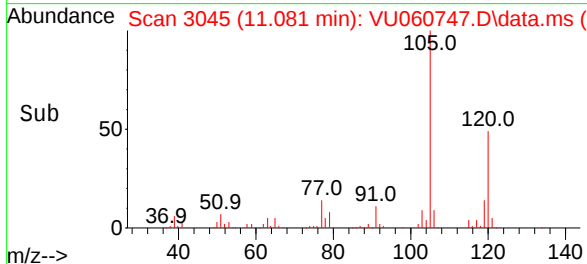
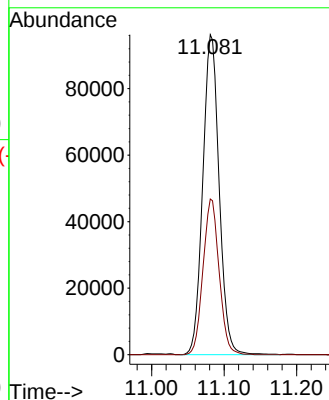
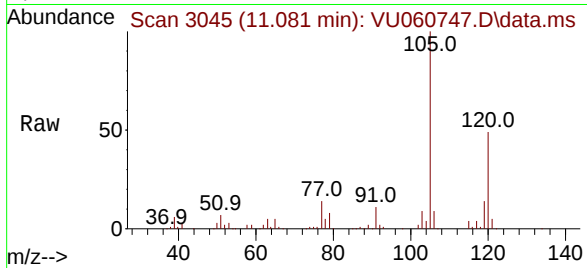
ClientSampleId :

Tgt Ion:105 Resp: 150845

Ion Ratio Lower Upper

105 100

120 47.8 37.4 56.0



#63

1,2,4-Trimethylbenzene

Concen: 5.595 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU060747.D

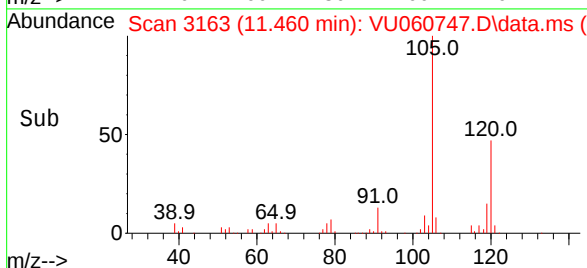
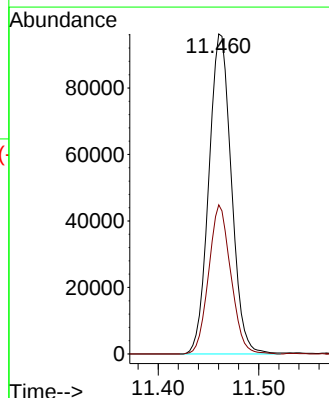
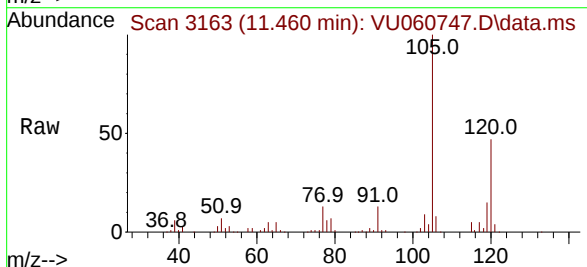
Acq: 13 Sep 2024 11:55

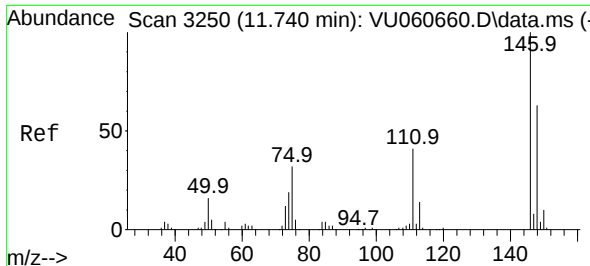
Tgt Ion:105 Resp: 150037

Ion Ratio Lower Upper

105 100

120 45.7 35.7 53.5





#64

1,3-Dichlorobenzene

Concen: 5.547 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. -0.000 min

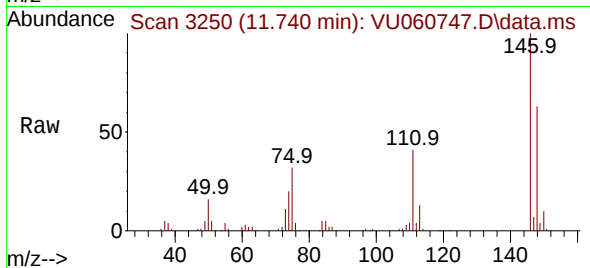
Lab File: VU060747.D

Acq: 13 Sep 2024 11:55

Instrument :

MSVOA_U

ClientSampleId :



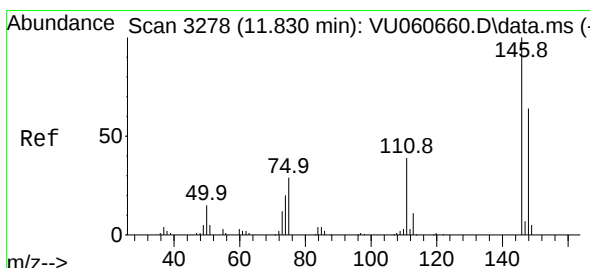
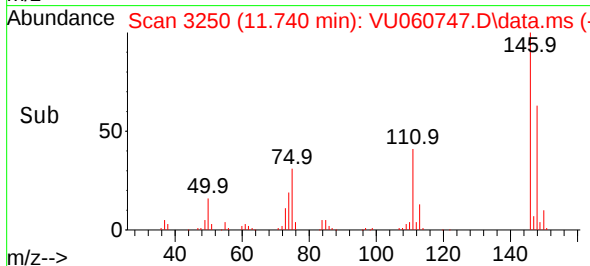
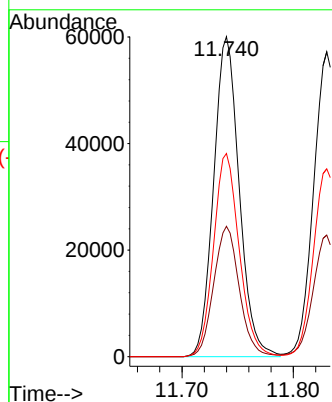
Tgt Ion:146 Resp: 95749

Ion Ratio Lower Upper

146 100

111 40.7 27.9 51.9

148 63.5 43.5 80.7



#65

1,4-Dichlorobenzene

Concen: 5.402 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU060747.D

Acq: 13 Sep 2024 11:55

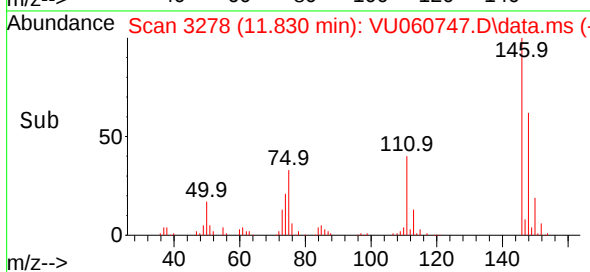
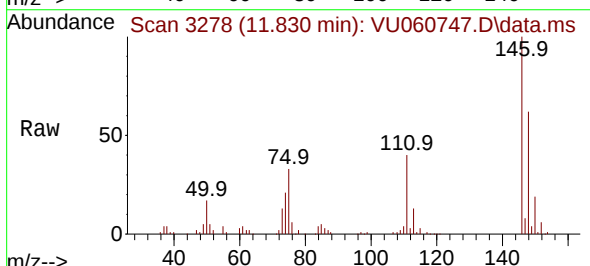
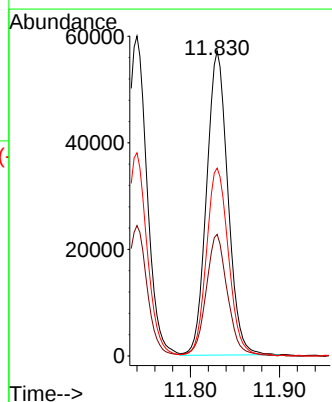
Tgt Ion:146 Resp: 94617

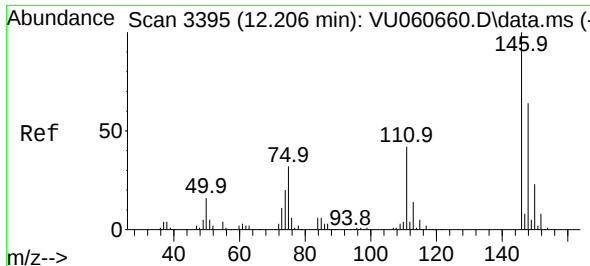
Ion Ratio Lower Upper

146 100

111 39.9 27.2 50.4

148 61.6 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 5.394 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU060747.D

Acq: 13 Sep 2024 11:55

Instrument :

MSVOA_U

ClientSampleId :

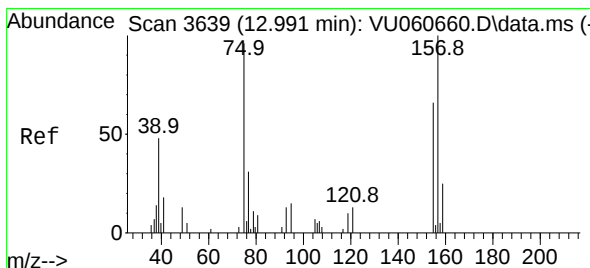
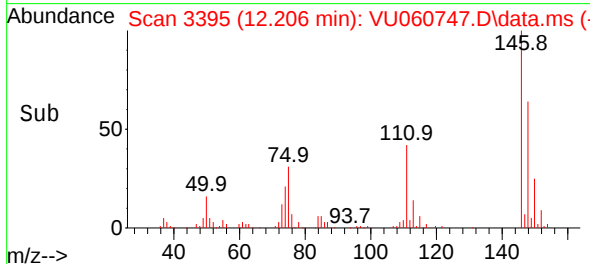
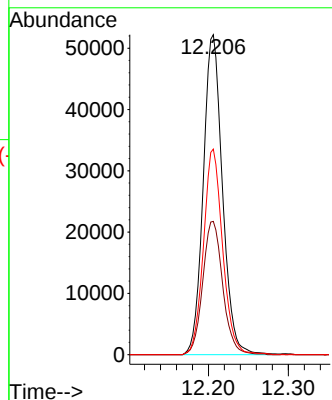
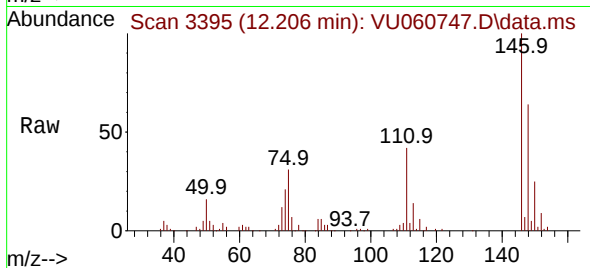
Tgt Ion:146 Resp: 87343

Ion Ratio Lower Upper

146 100

111 41.6 34.6 52.0

148 64.3 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.177 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU060747.D

Acq: 13 Sep 2024 11:55

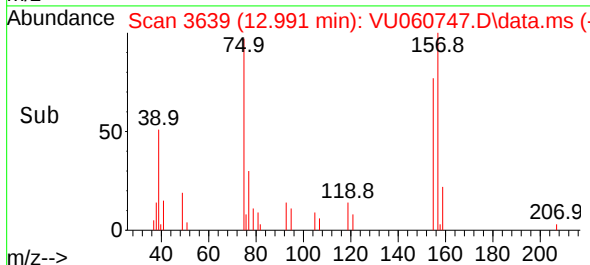
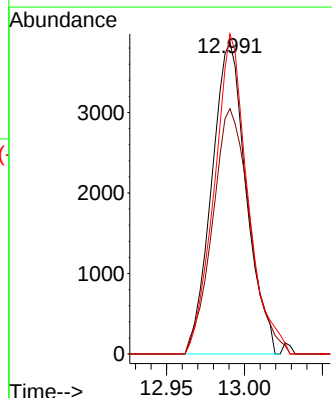
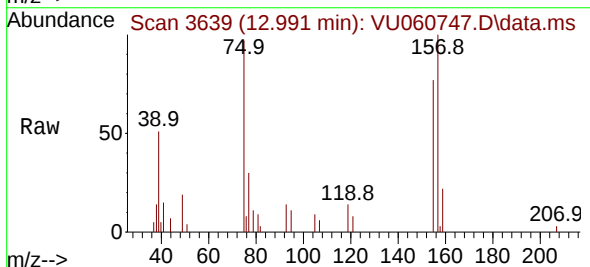
Tgt Ion: 75 Resp: 5951

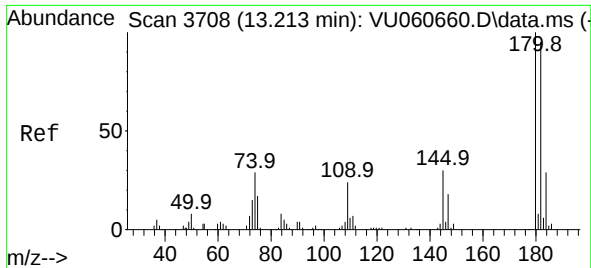
Ion Ratio Lower Upper

75 100

155 78.6 62.7 94.1

157 102.6 70.4 105.6





#69

1,3,5-Trichlorobenzene

Concen: 5.202 ug/L

RT: 13.213 min Scan# 31

Delta R.T. -0.000 min

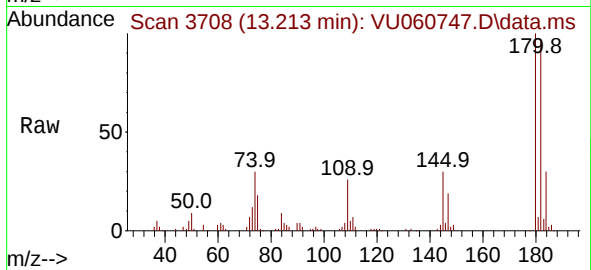
Lab File: VU060747.D

Acq: 13 Sep 2024 11:55

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 69236

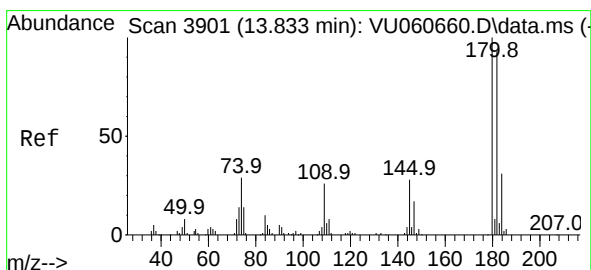
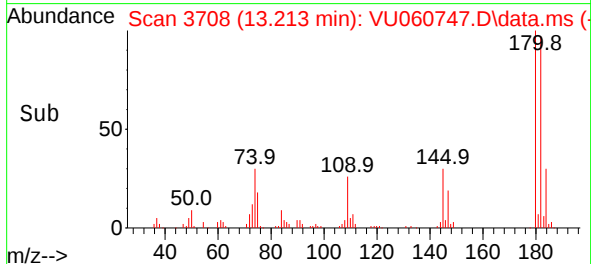
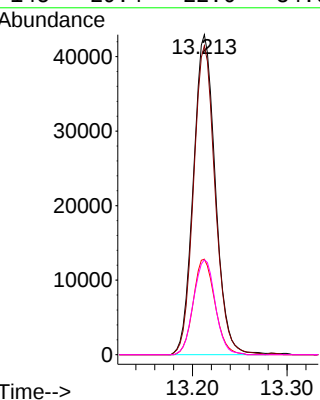
Ion Ratio Lower Upper

180 100

182 95.1 77.6 116.4

184 29.5 24.9 37.3

145 29.4 22.6 34.0



#70

1,2,4-trichlorobenzene

Concen: 4.746 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU060747.D

Acq: 13 Sep 2024 11:55

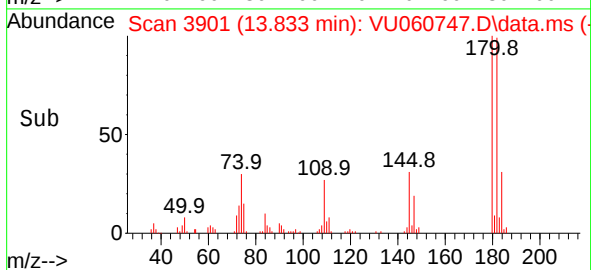
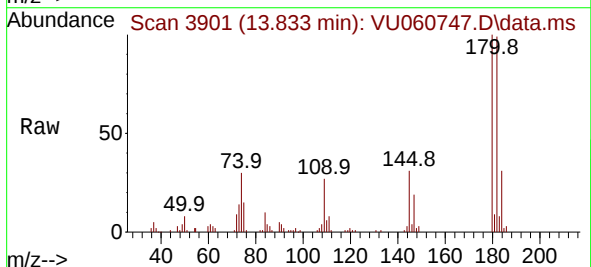
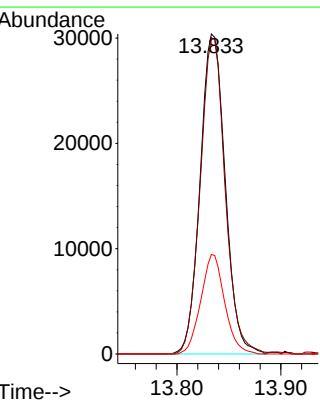
Tgt Ion:180 Resp: 50970

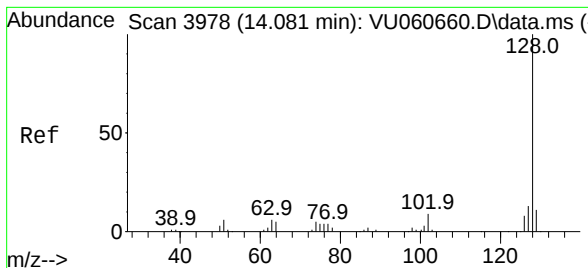
Ion Ratio Lower Upper

180 100

182 97.8 77.3 115.9

145 29.6 23.9 35.9





#71

Naphthalene

Concen: 4.912 ug/L

RT: 14.081 min Scan# 3978

Delta R.T. -0.000 min

Lab File: VU060747.D

Acq: 13 Sep 2024 11:55

Instrument :

MSVOA_U

ClientSampleId :

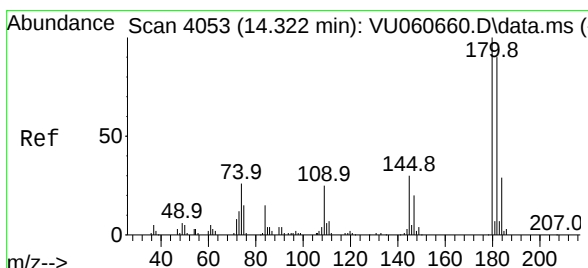
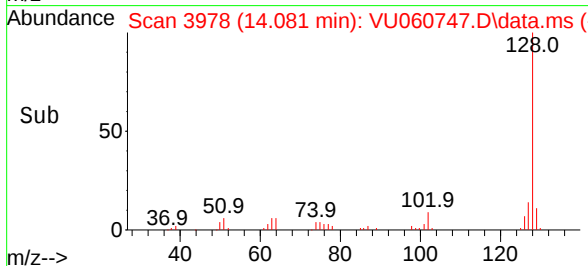
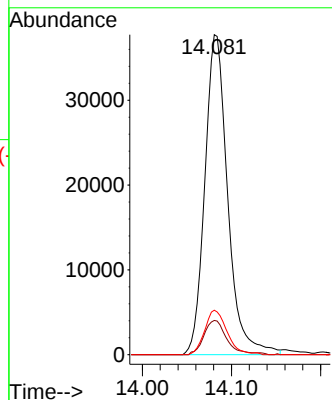
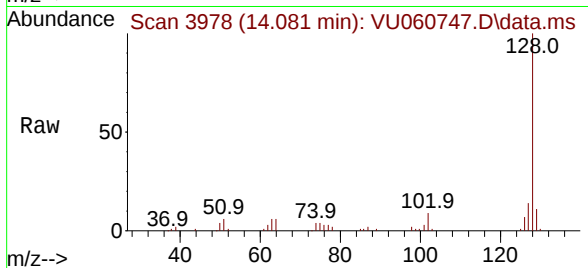
Tgt Ion:128 Resp: 67383

Ion Ratio Lower Upper

128 100

129 10.7 8.5 12.7

127 13.4 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 5.218 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU060747.D

Acq: 13 Sep 2024 11:55

Tgt Ion:180 Resp: 46890

Ion Ratio Lower Upper

180 100

182 93.4 76.0 114.0

145 31.0 24.3 36.5

