

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082324\
 Data File : VU060508.D
 Acq On : 23 Aug 2024 12:15
 Operator : MD/SY
 Sample : VSTD0.512
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 24 01:18:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 24 01:18:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	87294	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	90662	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	42494	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	1812	0.470	ug/L	0.00
7) Chloroethane-d5	1.911	69	3750	0.642	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	962	0.423	ug/L	0.00
20) 2-Butanone-d5	4.660	46	3048	2.299	ug/L	0.03
24) Chloroform-d	5.062	84	5813	0.529	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.705	65	2880	0.502	ug/L	0.00
32) Benzene-d6	5.724	84	8753	0.442	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.689	67	2994	0.468	ug/L	0.00
41) Toluene-d8	7.897	98	7726	0.415	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.184	79	904	0.395	ug/L	0.00
46) 2-Hexanone-d5	8.640	63	3728	3.402	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.753	84	2297	0.404	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	2989	0.477	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	5516	0.557	ug/L	94
3) Chloromethane	1.518	50	4582	0.534	ug/L	98
5) Vinyl chloride	1.599	62	4204	0.497	ug/L	95
6) Bromomethane	1.856	94	5714	0.672	ug/L	99
8) Chloroethane	1.930	64	5599	0.726	ug/L	89
9) Trichlorofluoromethane	2.132	101	11566	0.629	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	3931	0.506	ug/L	96
12) 1,1-Dichloroethene	2.576	96	3704	0.518	ug/L	78
13) Acetone	2.644	43	4993	4.462	ug/L	63
14) Carbon disulfide	2.788	76	12211	0.526	ug/L	99
15) Methyl Acetate	2.978	43	968	0.434	ug/L #	58
16) Methylene chloride	3.042	84	4198	0.604	ug/L	92
17) Methyl tert-butyl Ether	3.361	73	7714	0.531	ug/L	98
18) trans-1,2-Dichloroethene	3.354	96	3570	0.573	ug/L	91
19) 1,1-Dichloroethane	3.865	63	7034	0.557	ug/L	96
22) cis-1,2-Dichloroethene	4.669	96	3530	0.509	ug/L	83
23) Bromochloromethane	4.975	128	1842	0.584	ug/L	85
25) Chloroform	5.087	83	7656	0.573	ug/L	88
27) 1,2-Dichloroethane	5.791	62	5022	0.560	ug/L	96
29) 1,1,1-Trichloroethane	5.312	97	7011	0.565	ug/L	97
30) Cyclohexane	5.383	56	5414	0.527	ug/L #	93
31) Carbon tetrachloride	5.518	117	6577	0.573	ug/L	96
33) Benzene	5.772	78	15030	0.523	ug/L	100
34) Trichloroethene	6.547	95	4633	0.594	ug/L #	81
35) Methylcyclohexane	6.756	83	5397	0.505	ug/L	96
37) 1,2-Dichloropropane	6.791	63	3829	0.520	ug/L #	91
38) Bromodichloromethane	7.107	83	5622	0.581	ug/L #	94
39) cis-1,3-Dichloropropene	7.608	75	5144	0.476	ug/L	93
40) 4-Methyl-2-pentanone	7.791	43	17837	4.648	ug/L	98
42) Toluene	7.965	91	14351	0.472	ug/L	89
44) trans-1,3-Dichloropropene	8.209	75	4120	0.465	ug/L	88
45) 1,1,2-Trichloroethane	8.399	97	2908	0.545	ug/L	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082324\
 Data File : VU060508.D
 Acq On : 23 Aug 2024 12:15
 Operator : MD/SY
 Sample : VSTD0.512
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

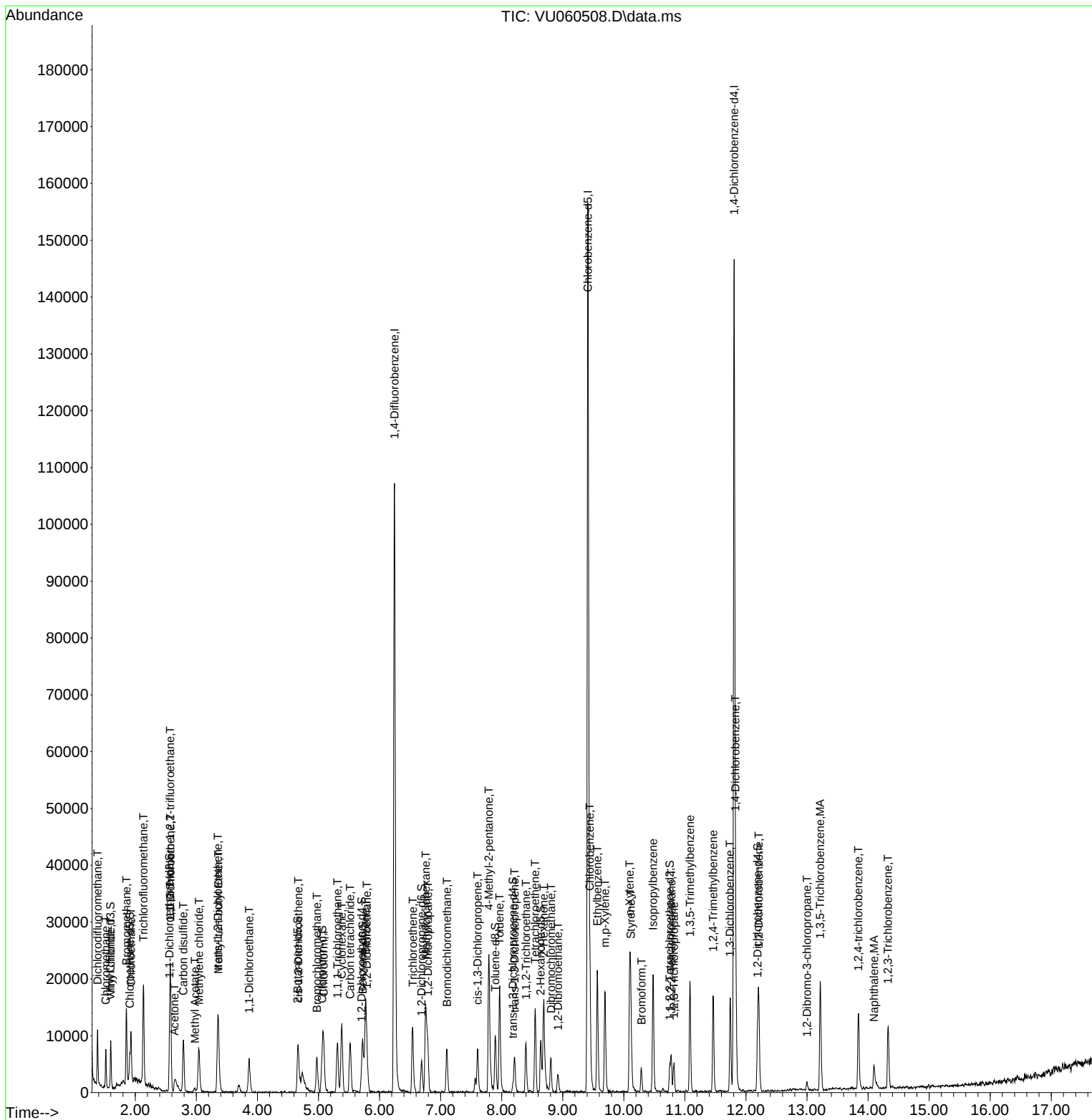
Quant Time: Aug 24 01:18:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 24 01:18:00 2024
 Response via : Initial Calibration

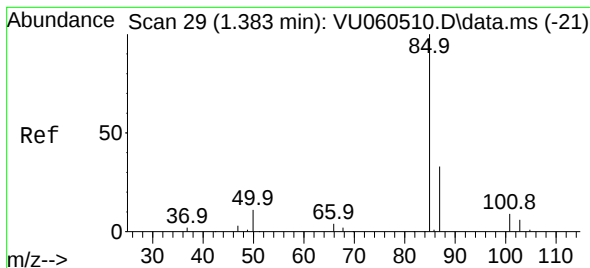
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

47) Tetrachloroethene	8.550	164	3092	0.484	ug/L	96
48) 2-Hexanone	8.688	43	11780	4.178	ug/L #	95
49) Dibromochloromethane	8.807	129	2921	0.473	ug/L	98
50) 1,2-Dibromoethane	8.923	107	2493	0.509	ug/L #	94
51) Chlorobenzene	9.444	112	11002	0.559	ug/L	92
52) Ethylbenzene	9.566	91	15447	0.480	ug/L	95
53) m,p-Xylene	9.692	106	5325	0.445	ug/L	91
54) o-Xylene	10.097	106	5739	0.468	ug/L	93
55) Styrene	10.116	104	8615	0.429	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.778	83	3554	0.522	ug/L	88
59) Bromoform	10.290	173	1979	0.567	ug/L #	90
60) Isopropylbenzene	10.479	105	13995	0.493	ug/L	97
61) 1,2,3-Trichloropropane	10.823	75	2726	0.665	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	11439	0.541	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	9873	0.457	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	7561	0.544	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	7807	0.554	ug/L	94
67) 1,2-Dichlorobenzene	12.209	146	7623	0.585	ug/L	95
68) 1,2-Dibromo-3-chloropr...	13.000	75	678	0.733	ug/L #	71
69) 1,3,5-Trichlorobenzene	13.216	180	7756	0.724	ug/L	95
70) 1,2,4-trichlorobenzene	13.839	180	5745	0.665	ug/L	98
71) Naphthalene	14.100	128	5967	0.540	ug/L #	81
72) 1,2,3-Trichlorobenzene	14.325	180	4570	0.632	ug/L	96

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

Quant Time: Aug 24 01:18:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Aug 24 01:18:00 2024
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.557 ug/L

RT: 1.383 min Scan# 29

Delta R.T. 0.000 min

Lab File: VU060508.D

Acq: 23 Aug 2024 12:15

Instrument :

MSVOA_U

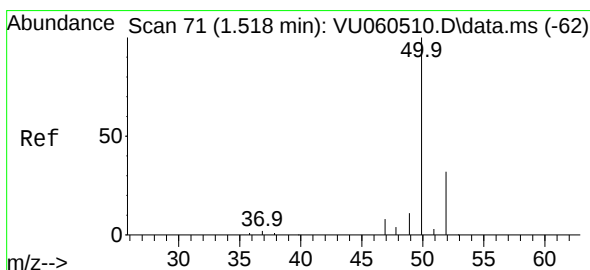
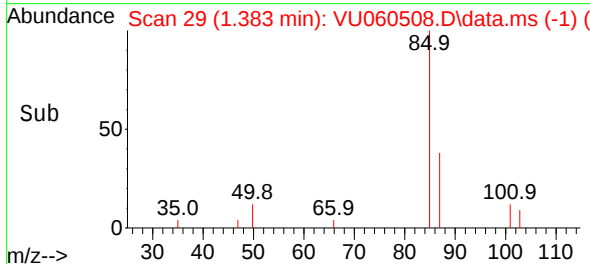
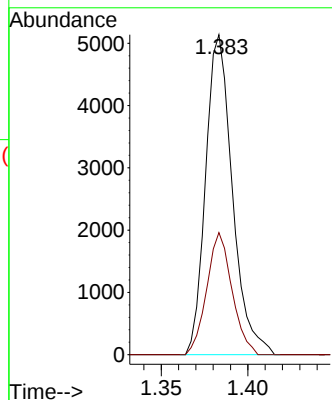
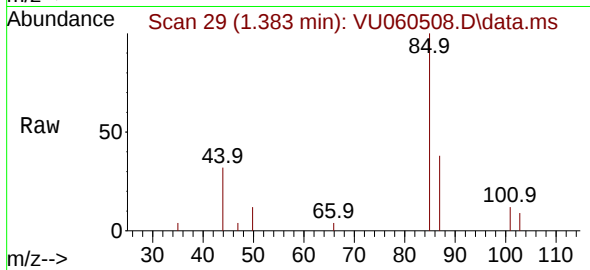
ClientSampleId :

Tgt Ion: 85 Resp: 5516

Ion Ratio Lower Upper

85 100

87 36.0 26.2 39.4



#3

Chloromethane

Concen: 0.534 ug/L

RT: 1.518 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU060508.D

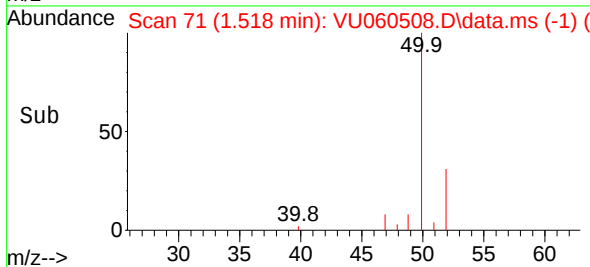
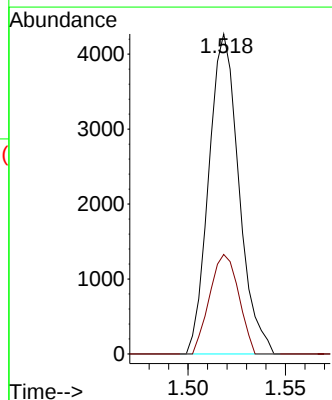
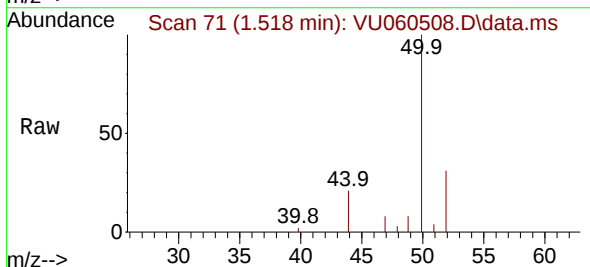
Acq: 23 Aug 2024 12:15

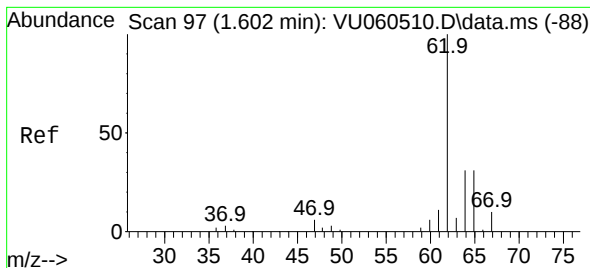
Tgt Ion: 50 Resp: 4582

Ion Ratio Lower Upper

50 100

52 31.1 22.7 42.1





#5

Vinyl chloride

Concen: 0.497 ug/L

RT: 1.599 min Scan# 9

Delta R.T. -0.003 min

Lab File: VU060508.D

Acq: 23 Aug 2024 12:15

Instrument :

MSVOA_U

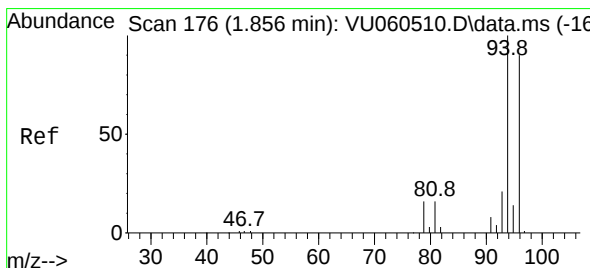
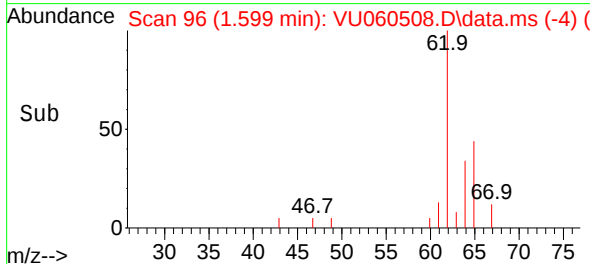
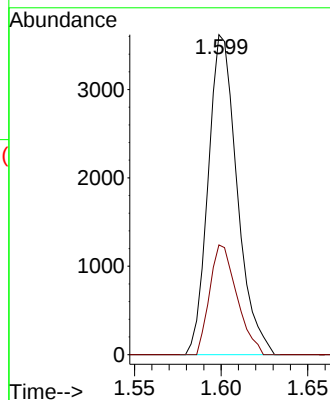
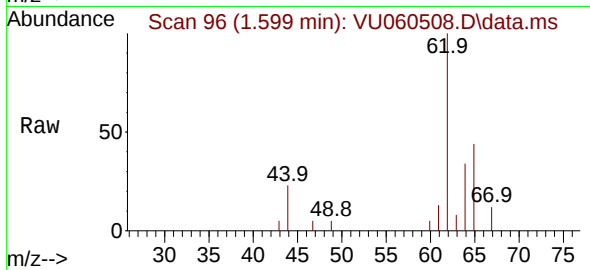
ClientSampleId :

Tgt Ion: 62 Resp: 4204

Ion Ratio Lower Upper

62 100

64 34.3 22.0 40.8



#6

Bromomethane

Concen: 0.672 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.000 min

Lab File: VU060508.D

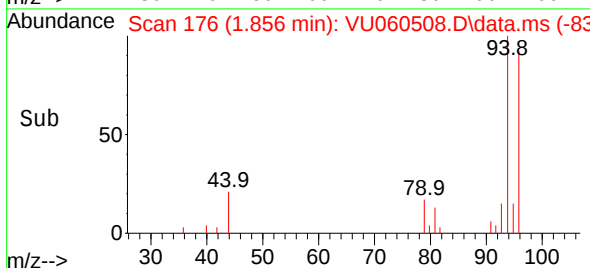
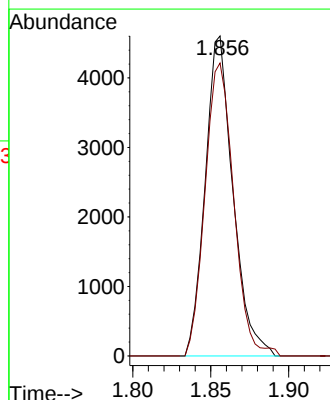
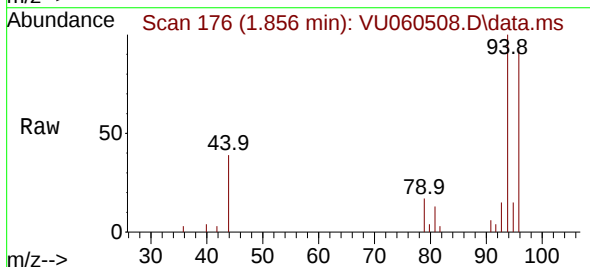
Acq: 23 Aug 2024 12:15

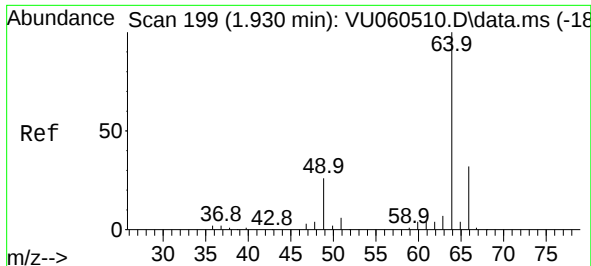
Tgt Ion: 94 Resp: 5714

Ion Ratio Lower Upper

94 100

96 91.6 63.3 117.5

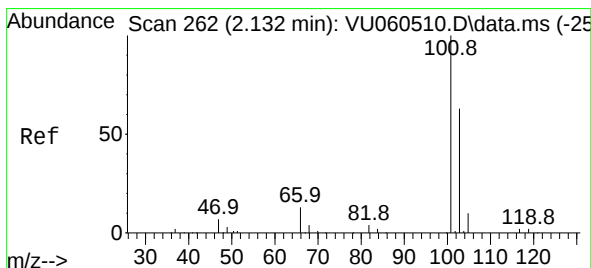
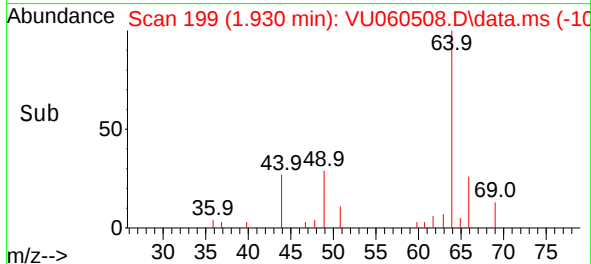
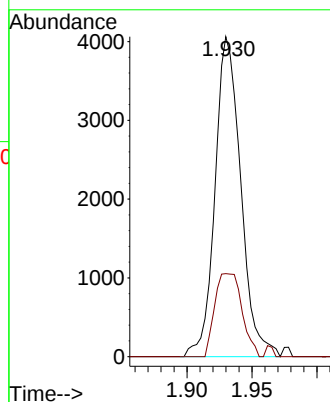
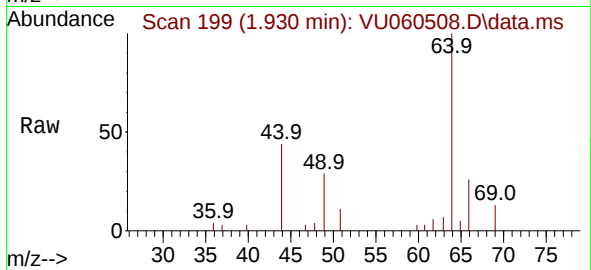




#8
Chloroethane
Concen: 0.726 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU060508.D
Acq: 23 Aug 2024 12:15

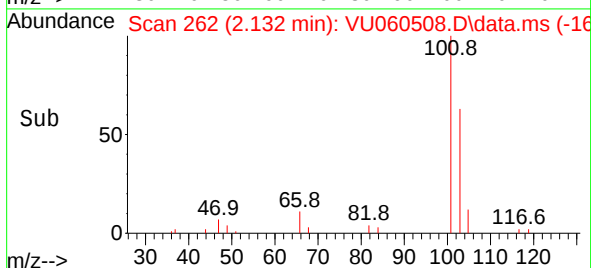
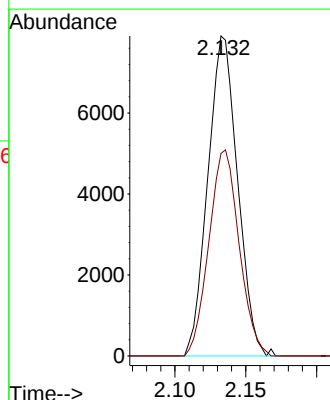
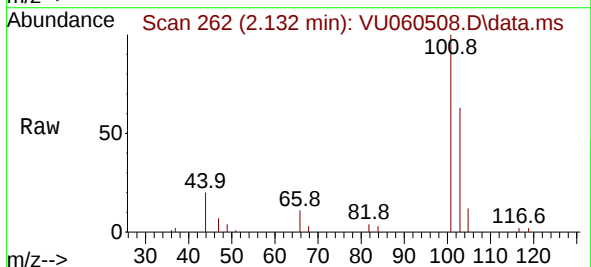
Instrument :
MSVOA_U
ClientSampleId :

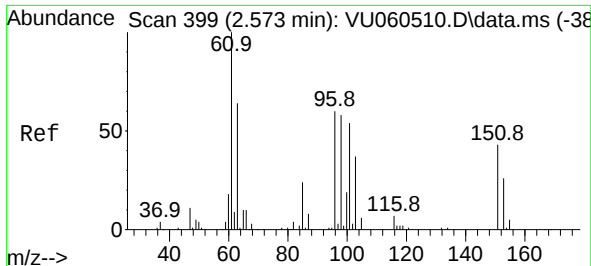
Tgt Ion: 64 Resp: 5599
Ion Ratio Lower Upper
64 100
66 25.9 22.5 41.9



#9
Trichlorofluoromethane
Concen: 0.629 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU060508.D
Acq: 23 Aug 2024 12:15

Tgt Ion:101 Resp: 11566
Ion Ratio Lower Upper
101 100
103 65.5 51.4 77.2

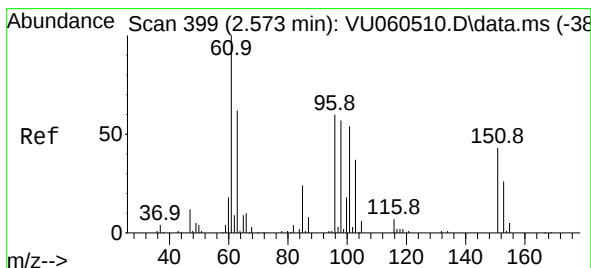
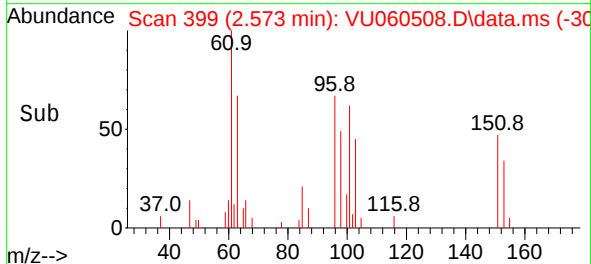
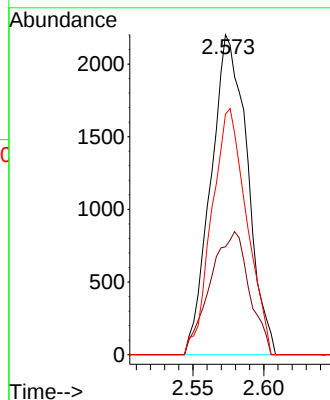
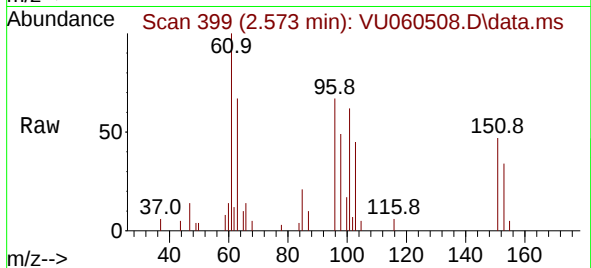




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.506 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU060508.D
 Acq: 23 Aug 2024 12:15

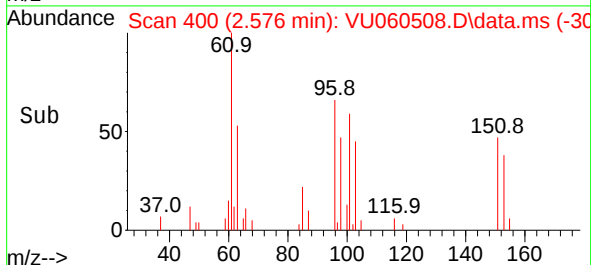
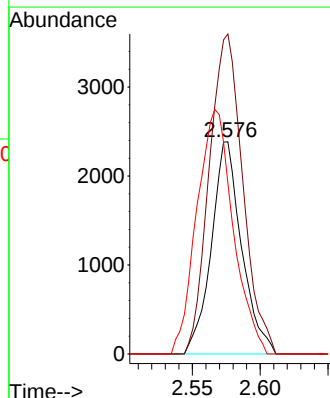
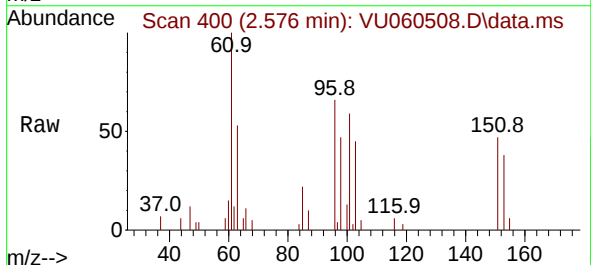
Instrument :
 MSVOA_U
 ClientSampleId :

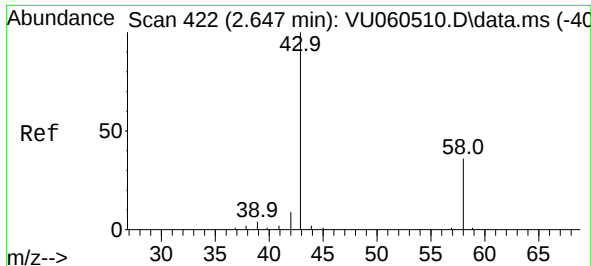
Tgt Ion:	101	Resp:	3931
Ion	Ratio	Lower	Upper
101	100		
85	41.3	35.8	53.6
151	73.9	61.7	92.5



#12
 1,1-Dichloroethene
 Concen: 0.518 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU060508.D
 Acq: 23 Aug 2024 12:15

Tgt Ion:	96	Resp:	3704
Ion	Ratio	Lower	Upper
96	100		
61	143.2	116.4	216.2
63	76.5	74.8	139.0





#13

Acetone

Concen: 4.462 ug/L

RT: 2.644 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU060508.D

Acq: 23 Aug 2024 12:15

Instrument :

MSVOA_U

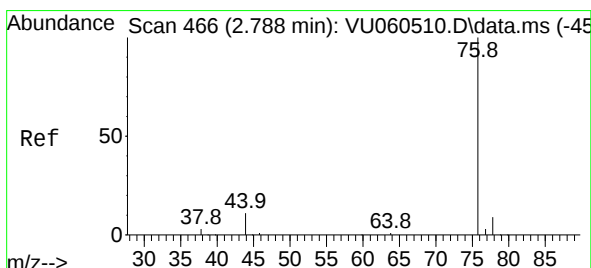
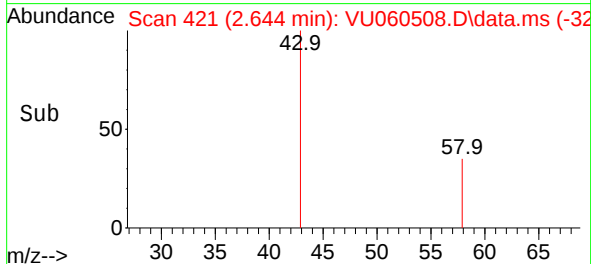
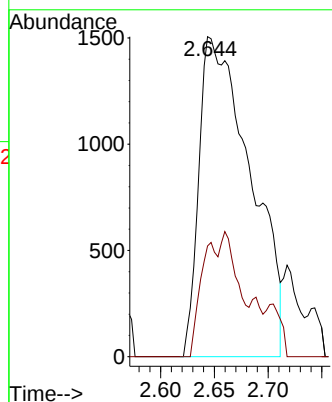
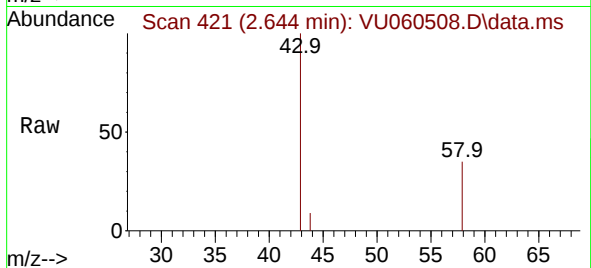
ClientSampleId :

Tgt Ion: 43 Resp: 4993

Ion Ratio Lower Upper

43 100

58 12.4 0.0 66.8



#14

Carbon disulfide

Concen: 0.526 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU060508.D

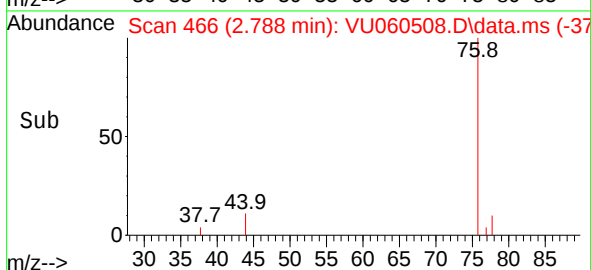
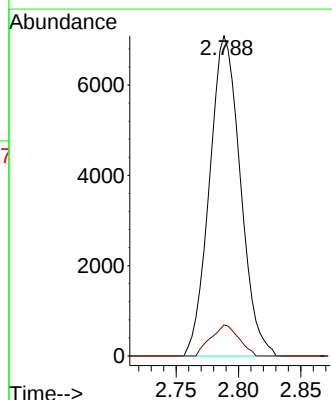
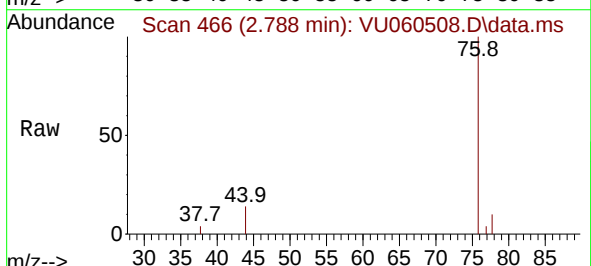
Acq: 23 Aug 2024 12:15

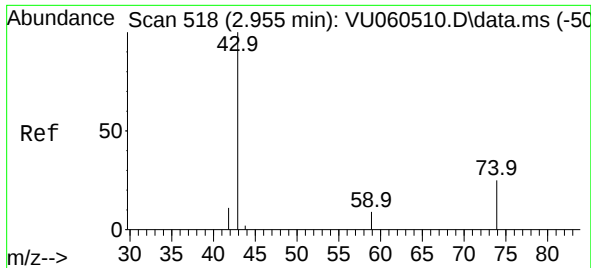
Tgt Ion: 76 Resp: 12211

Ion Ratio Lower Upper

76 100

78 9.7 7.4 11.2





#15

Methyl Acetate

Concen: 0.434 ug/L

RT: 2.978 min Scan# 51

Delta R.T. 0.023 min

Lab File: VU060508.D

Acq: 23 Aug 2024 12:15

Instrument :

MSVOA_U

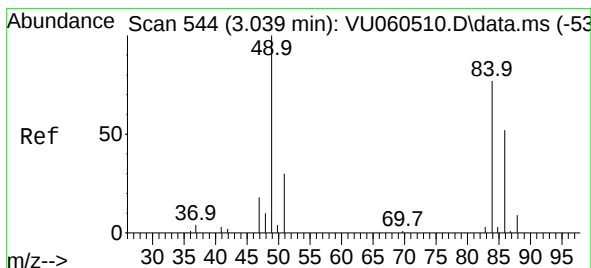
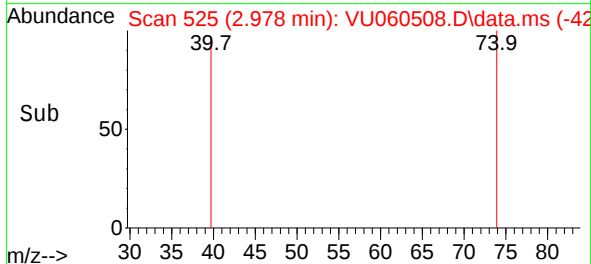
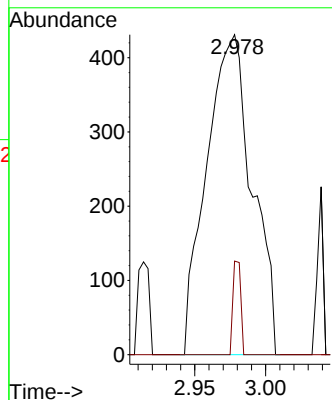
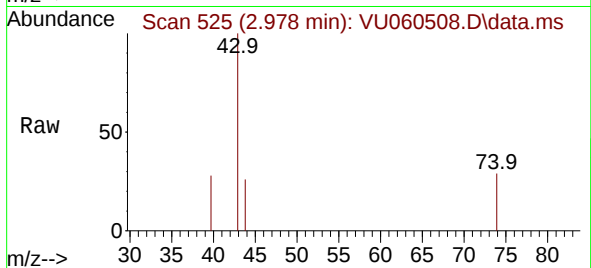
ClientSampleId :

Tgt Ion: 43 Resp: 968

Ion Ratio Lower Upper

43 100

74 5.0 21.4 32.2#



#16

Methylene chloride

Concen: 0.604 ug/L

RT: 3.042 min Scan# 545

Delta R.T. 0.003 min

Lab File: VU060508.D

Acq: 23 Aug 2024 12:15

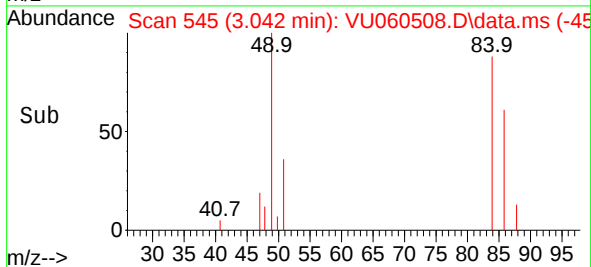
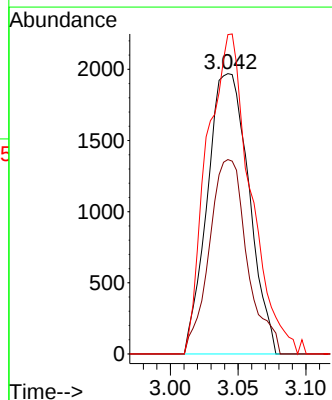
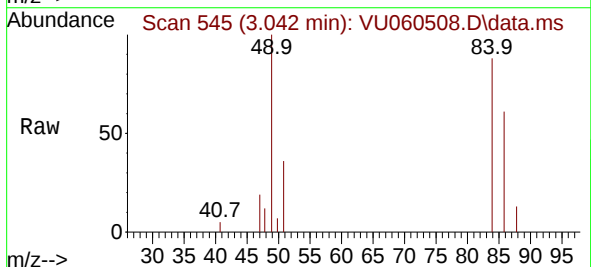
Tgt Ion: 84 Resp: 4198

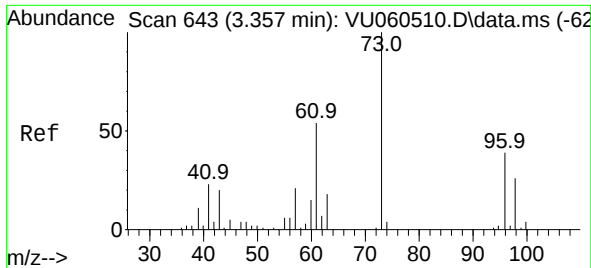
Ion Ratio Lower Upper

84 100

86 69.4 47.5 88.3

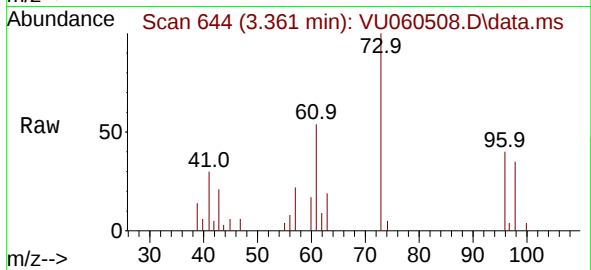
49 121.7 94.4 175.2



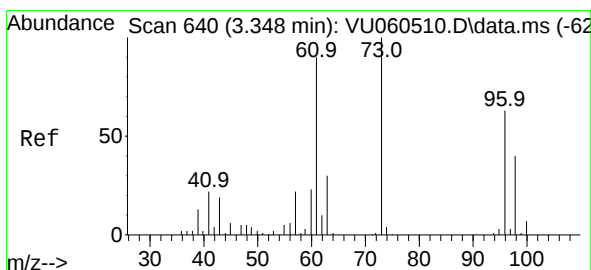
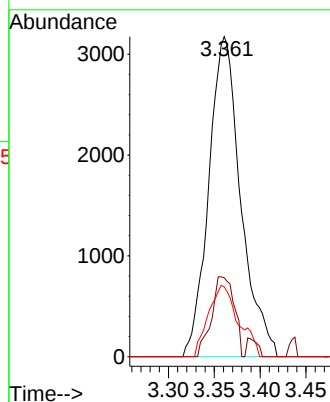
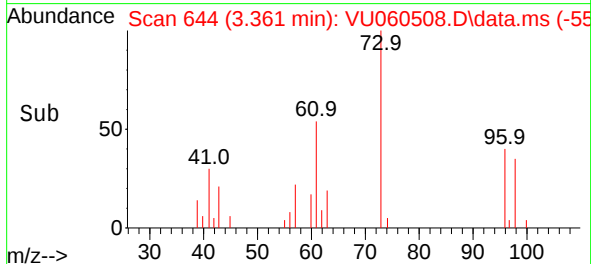


#17
Methyl tert-butyl Ether
Concen: 0.531 ug/L
RT: 3.361 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU060508.D
Acq: 23 Aug 2024 12:15

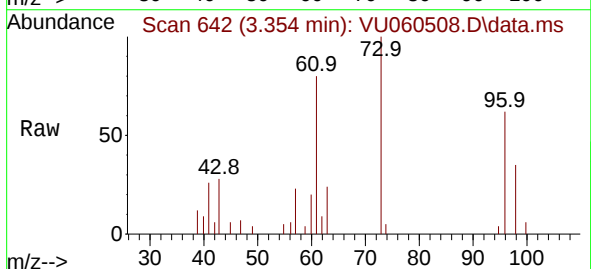
Instrument :
MSVOA_U
ClientSampleId :



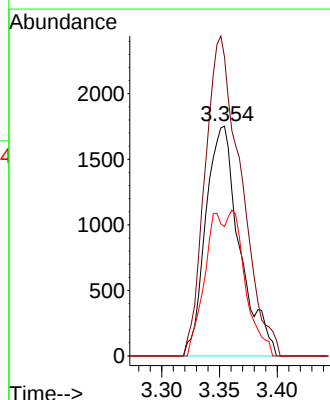
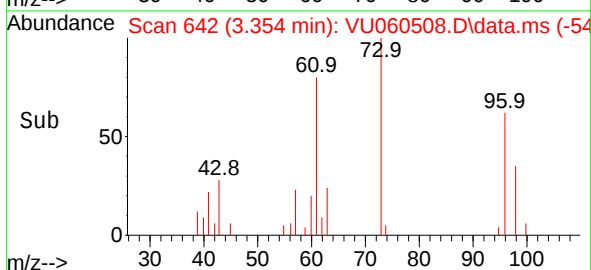
Tgt Ion: 73 Resp: 7714
Ion Ratio Lower Upper
73 100
43 17.6 15.8 23.6
57 20.9 16.8 25.2

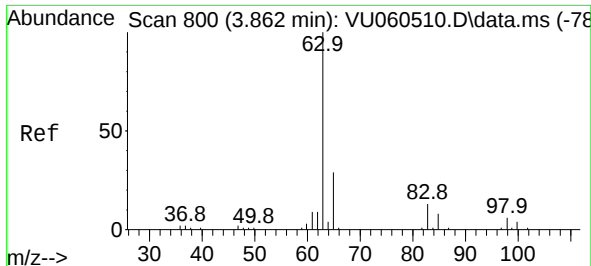


#18
trans-1,2-Dichloroethene
Concen: 0.573 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.007 min
Lab File: VU060508.D
Acq: 23 Aug 2024 12:15



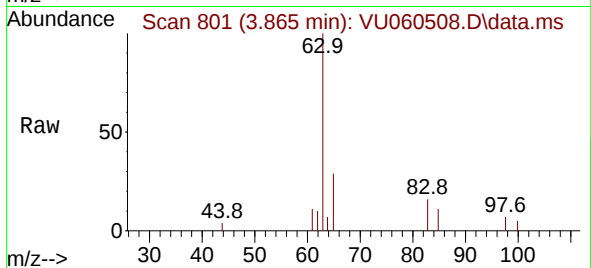
Tgt Ion: 96 Resp: 3570
Ion Ratio Lower Upper
96 100
61 130.1 99.2 184.2
98 56.4 44.0 81.8



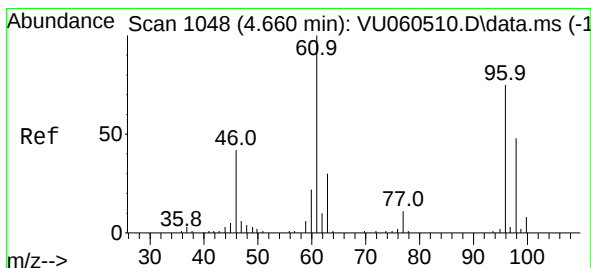
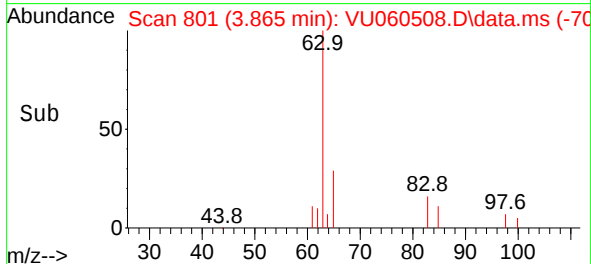
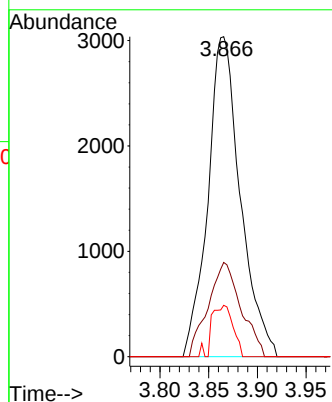


#19
1,1-Dichloroethane
Concen: 0.557 ug/L
RT: 3.865 min Scan# 801
Delta R.T. 0.003 min
Lab File: VU060508.D
Acq: 23 Aug 2024 12:15

Instrument :
MSVOA_U
ClientSampleId :

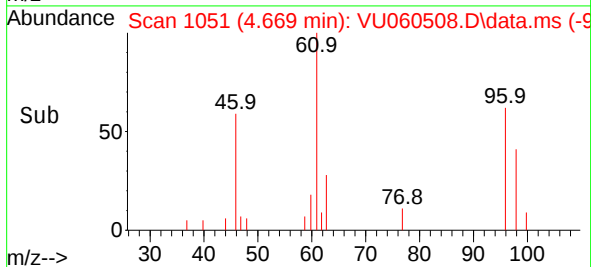
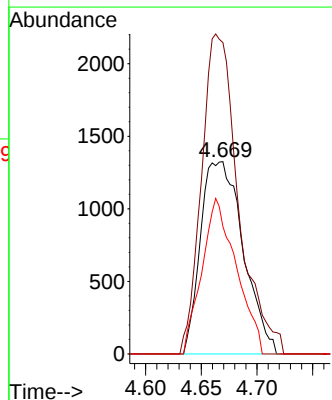
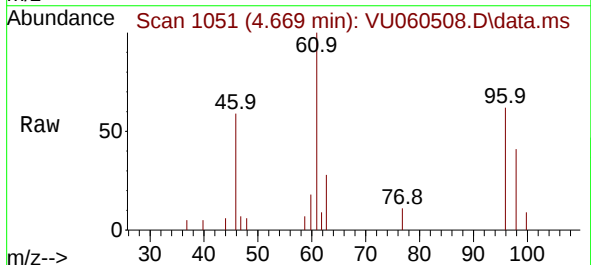


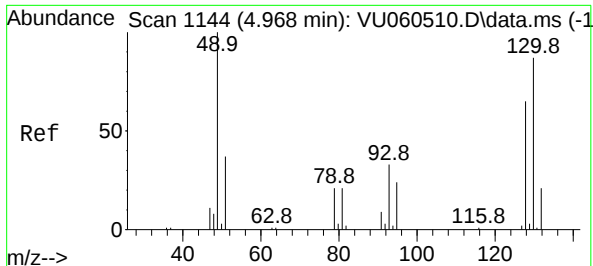
Tgt Ion: 63 Resp: 7034
Ion Ratio Lower Upper
63 100
65 27.6 20.5 38.1
83 15.0 9.2 17.2



#22
cis-1,2-Dichloroethene
Concen: 0.509 ug/L
RT: 4.669 min Scan# 1051
Delta R.T. 0.010 min
Lab File: VU060508.D
Acq: 23 Aug 2024 12:15

Tgt Ion: 96 Resp: 3530
Ion Ratio Lower Upper
96 100
61 161.9 92.9 172.5
98 66.3 45.0 83.6





#23

Bromochloromethane

Concen: 0.584 ug/L

RT: 4.975 min Scan# 1146

Delta R.T. 0.007 min

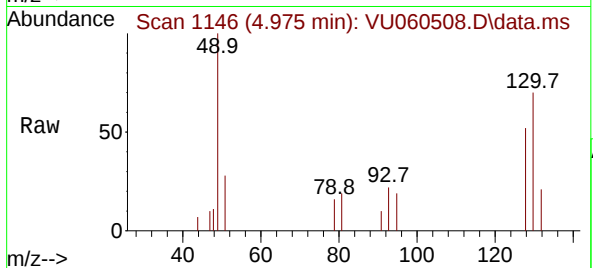
Lab File: VU060508.D

Acq: 23 Aug 2024 12:15

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 1842

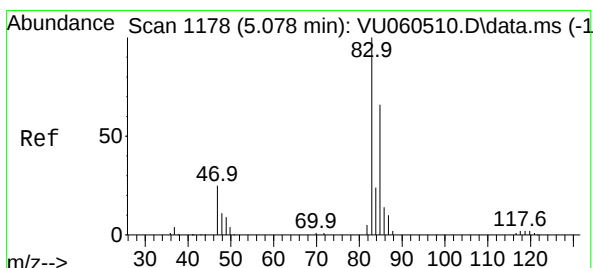
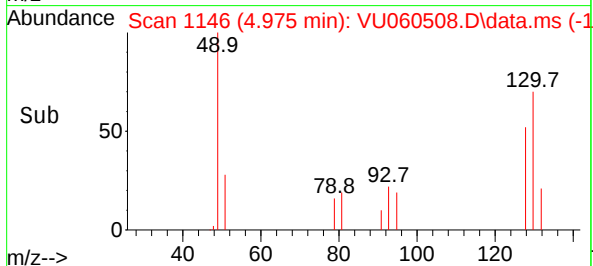
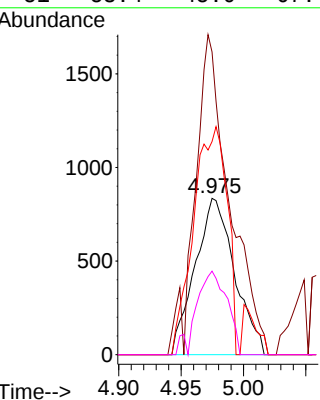
Ion Ratio Lower Upper

128 100

49 193.7 108.1 200.7

130 136.3 93.1 172.9

51 53.4 45.0 67.4



#25

Chloroform

Concen: 0.573 ug/L

RT: 5.087 min Scan# 1181

Delta R.T. 0.010 min

Lab File: VU060508.D

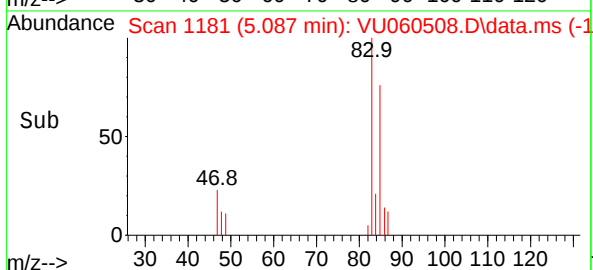
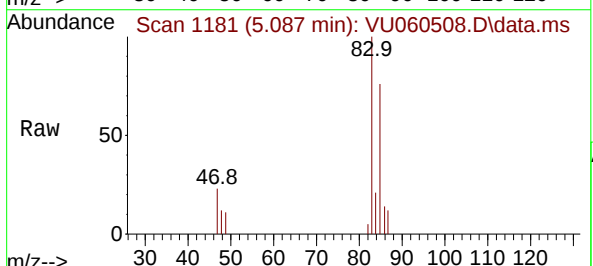
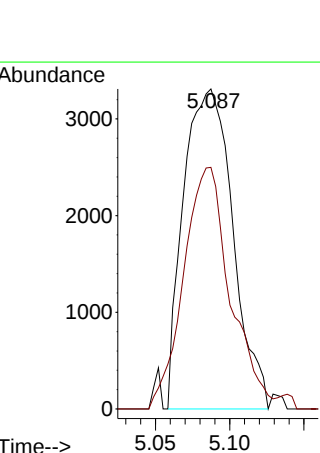
Acq: 23 Aug 2024 12:15

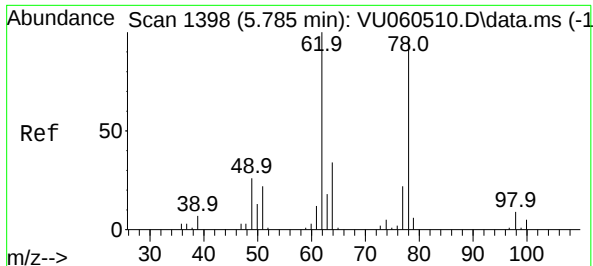
Tgt Ion: 83 Resp: 7656

Ion Ratio Lower Upper

83 100

85 75.5 46.4 86.2

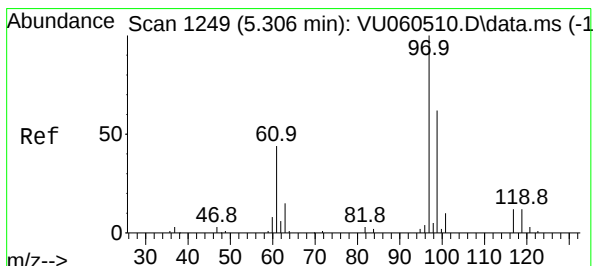
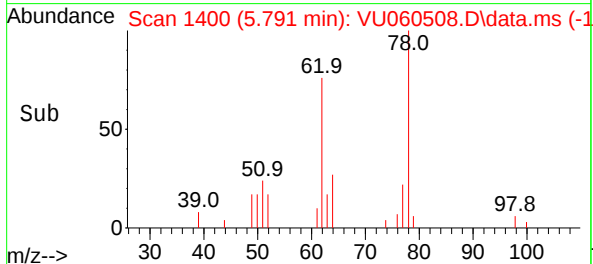
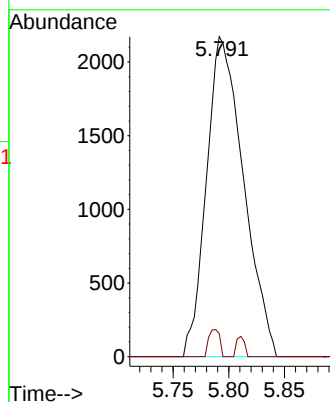
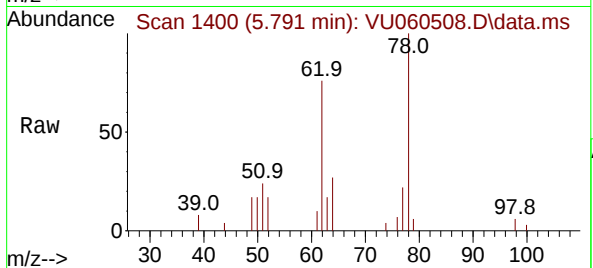




#27
 1,2-Dichloroethane
 Concen: 0.560 ug/L
 RT: 5.791 min Scan# 1400
 Delta R.T. 0.007 min
 Lab File: VU060508.D
 Acq: 23 Aug 2024 12:15

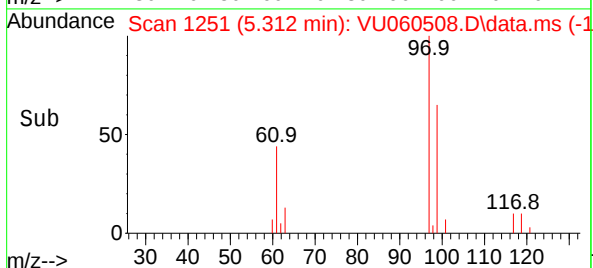
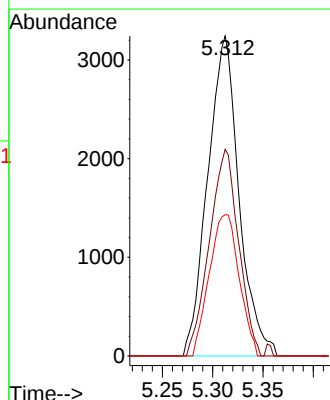
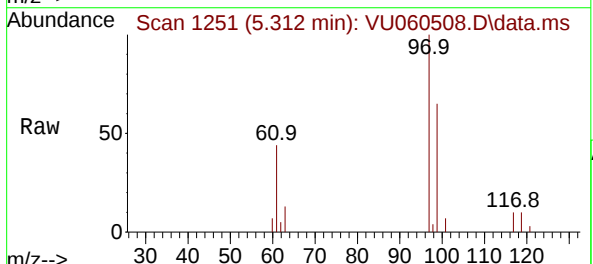
Instrument :
 MSVOA_U
 ClientSampleId :

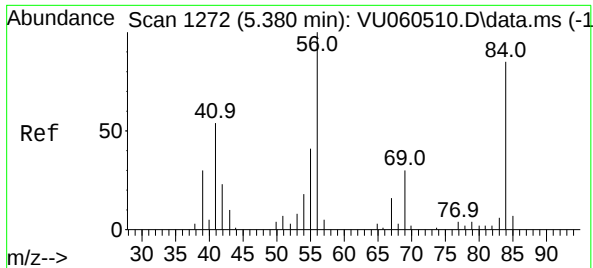
Tgt Ion: 62 Resp: 5022
 Ion Ratio Lower Upper
 62 100
 98 7.3 7.0 10.4



#29
 1,1,1-Trichloroethane
 Concen: 0.565 ug/L
 RT: 5.312 min Scan# 1251
 Delta R.T. 0.007 min
 Lab File: VU060508.D
 Acq: 23 Aug 2024 12:15

Tgt Ion: 97 Resp: 7011
 Ion Ratio Lower Upper
 97 100
 99 60.3 49.7 74.5
 61 42.2 35.4 53.2





#30

Cyclohexane

Concen: 0.527 ug/L

RT: 5.383 min Scan# 1315

Delta R.T. 0.003 min

Lab File: VU060508.D

Acq: 23 Aug 2024 12:15

Instrument :

MSVOA_U

ClientSampleId :

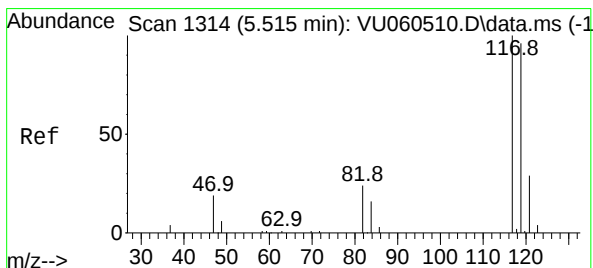
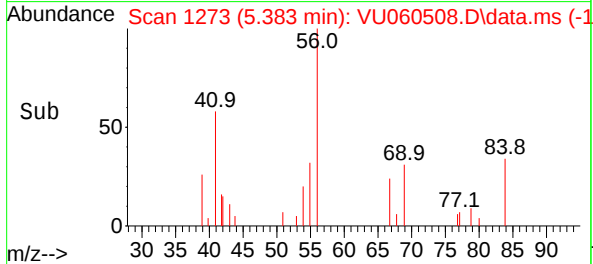
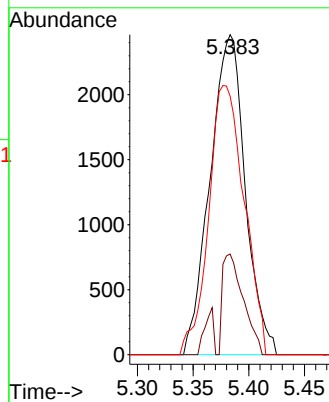
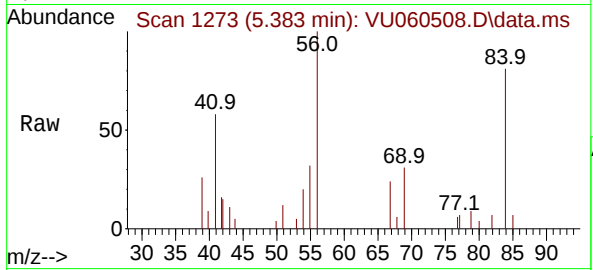
Tgt Ion: 56 Resp: 5414

Ion Ratio Lower Upper

56 100

69 18.6 24.2 36.2#

84 84.8 69.7 104.5



#31

Carbon tetrachloride

Concen: 0.573 ug/L

RT: 5.518 min Scan# 1315

Delta R.T. 0.003 min

Lab File: VU060508.D

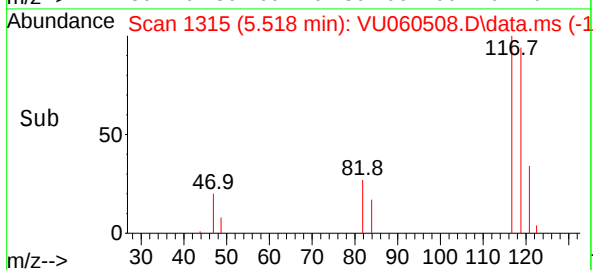
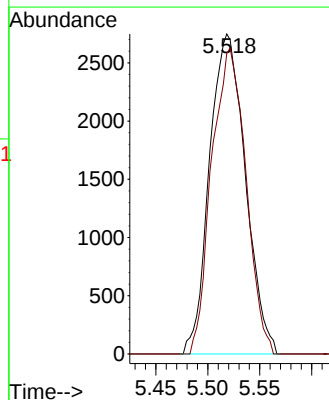
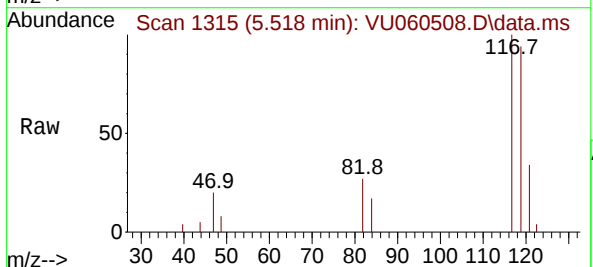
Acq: 23 Aug 2024 12:15

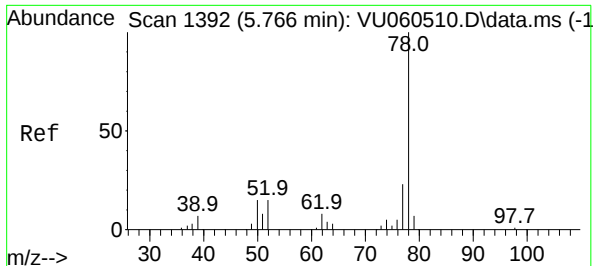
Tgt Ion: 117 Resp: 6577

Ion Ratio Lower Upper

117 100

119 91.1 76.4 114.6





#33

Benzene

Concen: 0.523 ug/L

RT: 5.772 min Scan# 1394

Delta R.T. 0.007 min

Lab File: VU060508.D

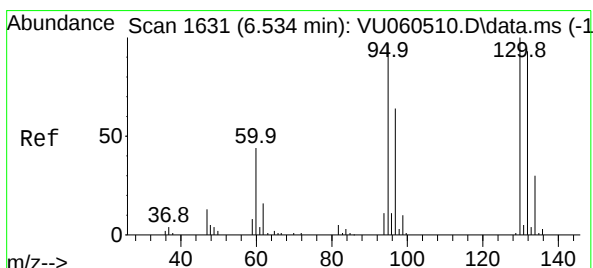
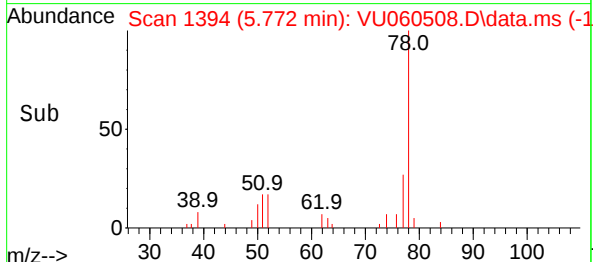
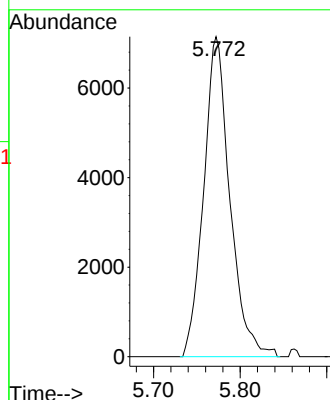
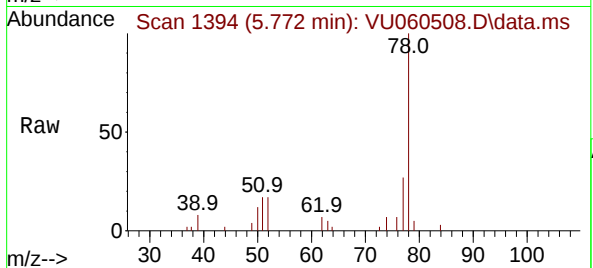
Acq: 23 Aug 2024 12:15

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 78 Resp: 15030



#34

Trichloroethene

Concen: 0.594 ug/L

RT: 6.547 min Scan# 1635

Delta R.T. 0.013 min

Lab File: VU060508.D

Acq: 23 Aug 2024 12:15

Tgt Ion: 95 Resp: 4633

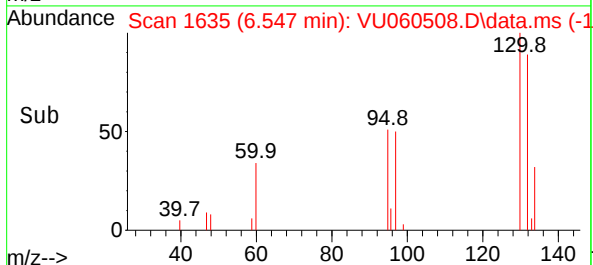
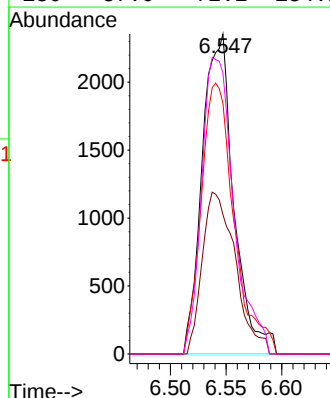
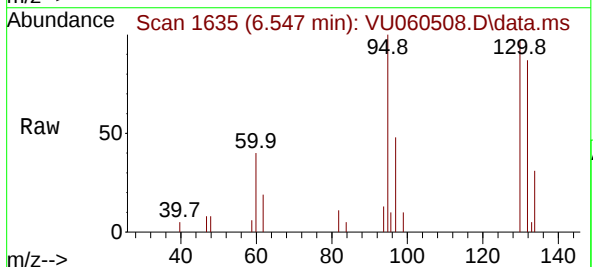
Ion Ratio Lower Upper

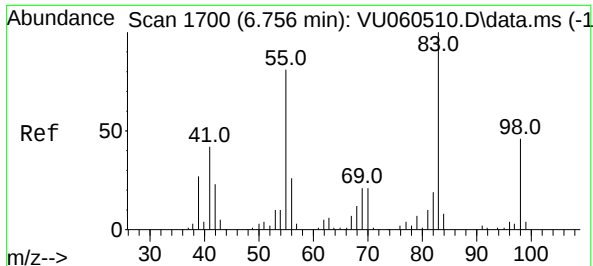
95 100

97 43.5 45.8 85.2#

132 78.4 67.4 125.2

130 87.9 72.2 134.2





#35

Methylcyclohexane

Concen: 0.505 ug/L

RT: 6.756 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU060508.D

Acq: 23 Aug 2024 12:15

Instrument :

MSVOA_U

ClientSampleId :

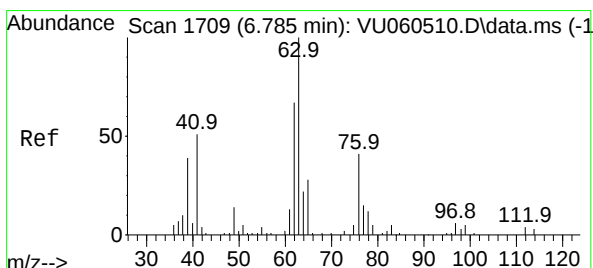
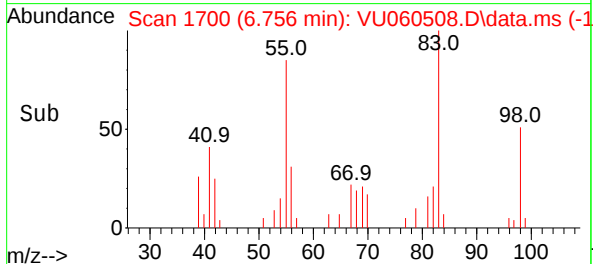
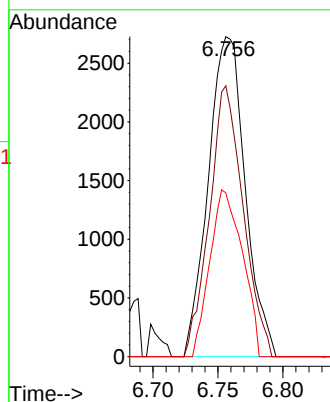
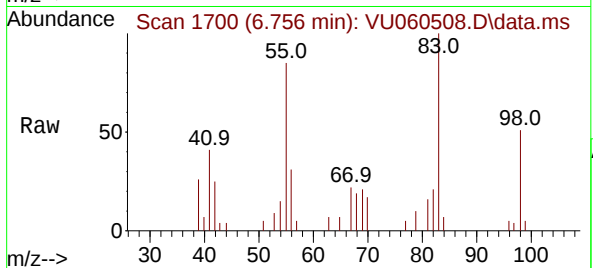
Tgt Ion: 83 Resp: 5397

Ion Ratio Lower Upper

83 100

55 77.2 65.8 98.8

98 46.0 37.8 56.8



#37

1,2-Dichloropropane

Concen: 0.520 ug/L

RT: 6.791 min Scan# 1711

Delta R.T. 0.007 min

Lab File: VU060508.D

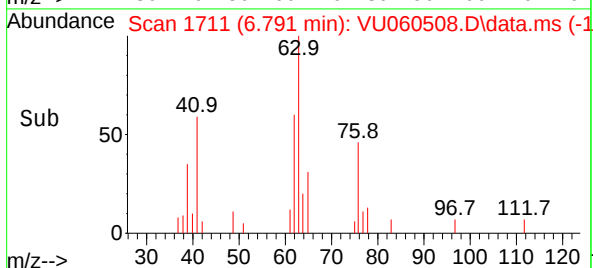
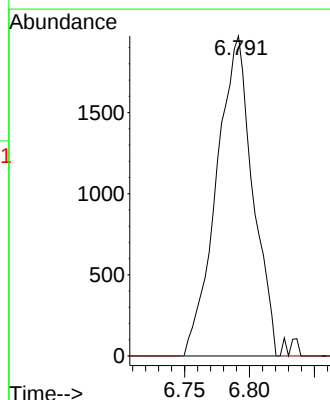
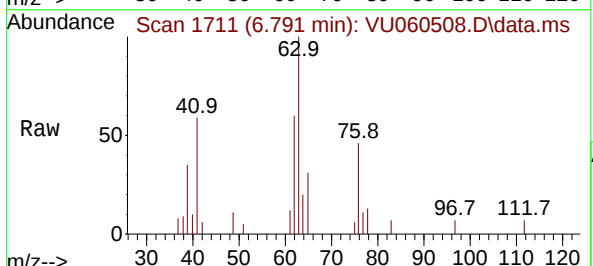
Acq: 23 Aug 2024 12:15

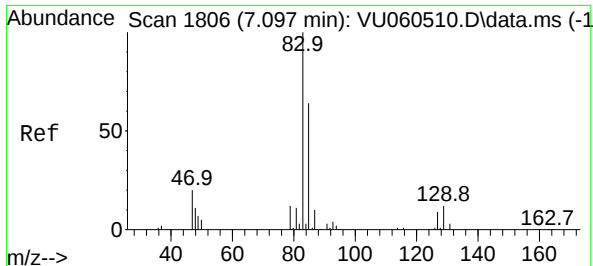
Tgt Ion: 63 Resp: 3829

Ion Ratio Lower Upper

63 100

112 0.0 2.3 3.5#

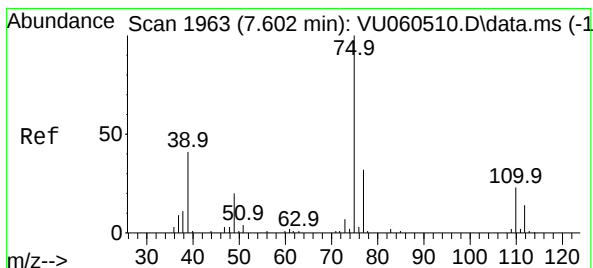
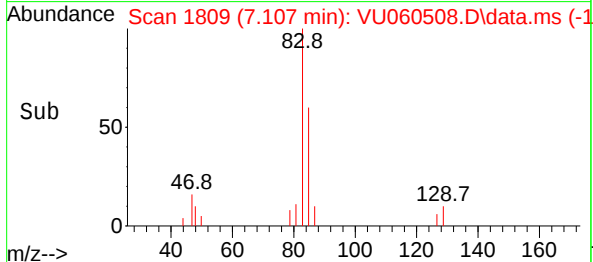
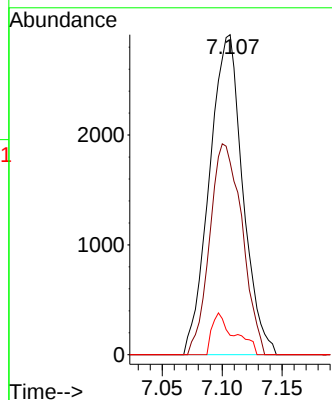
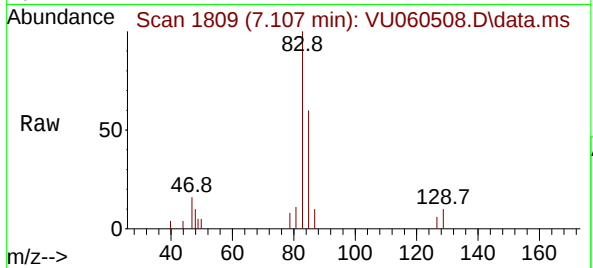




#38
Bromodichloromethane
Concen: 0.581 ug/L
RT: 7.107 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU060508.D
Acq: 23 Aug 2024 12:15

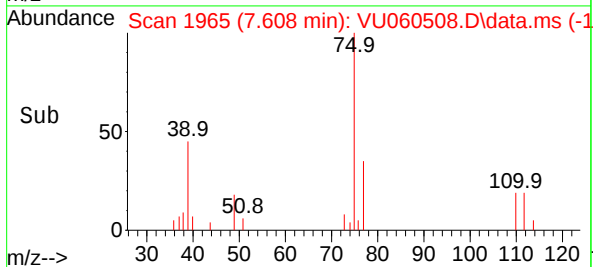
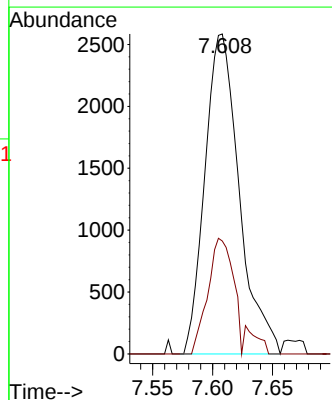
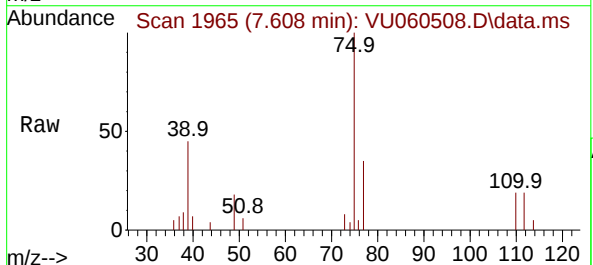
Instrument :
MSVOA_U
ClientSampleId :

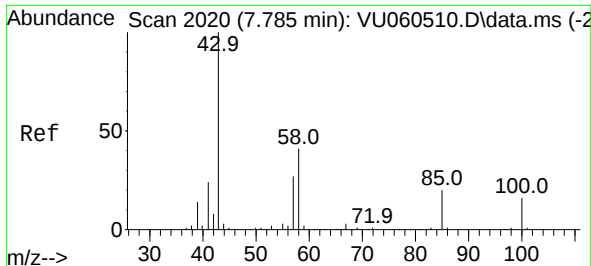
Tgt Ion: 83 Resp: 5622
Ion Ratio Lower Upper
83 100
85 60.1 44.9 83.5
127 6.1 7.3 10.9#



#39
cis-1,3-Dichloropropene
Concen: 0.476 ug/L
RT: 7.608 min Scan# 1965
Delta R.T. 0.007 min
Lab File: VU060508.D
Acq: 23 Aug 2024 12:15

Tgt Ion: 75 Resp: 5144
Ion Ratio Lower Upper
75 100
77 35.3 22.1 41.1

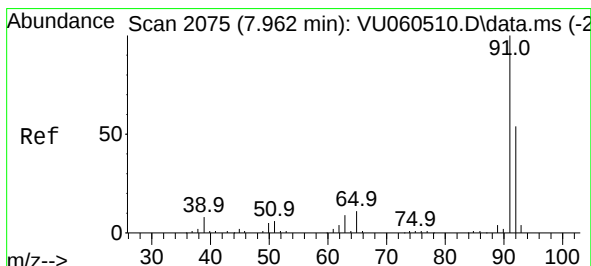
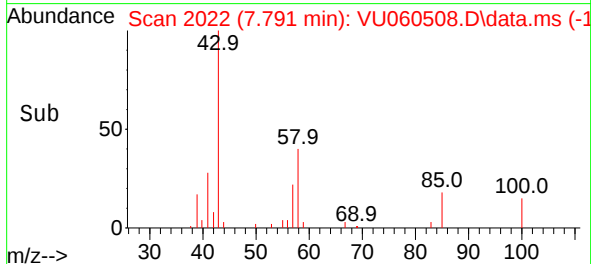
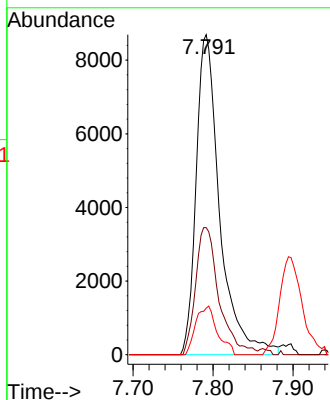
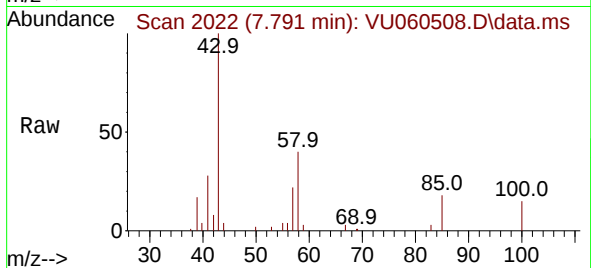




#40
4-Methyl-2-pentanone
Concen: 4.648 ug/L
RT: 7.791 min Scan# 2022
Delta R.T. 0.007 min
Lab File: VU060508.D
Acq: 23 Aug 2024 12:15

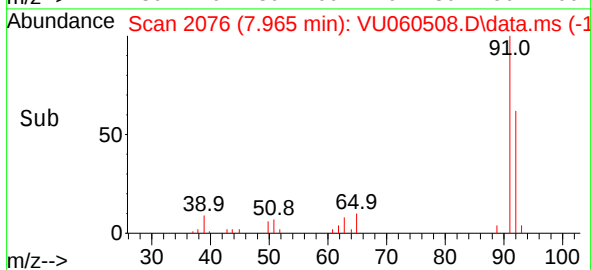
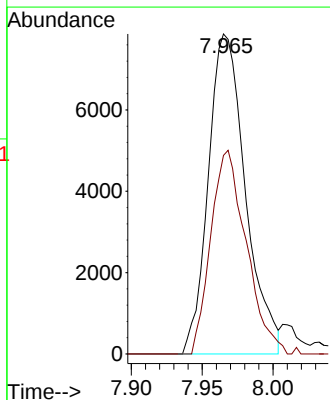
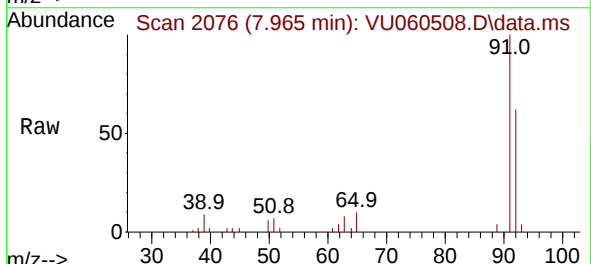
Instrument :
MSVOA_U
ClientSampleId :

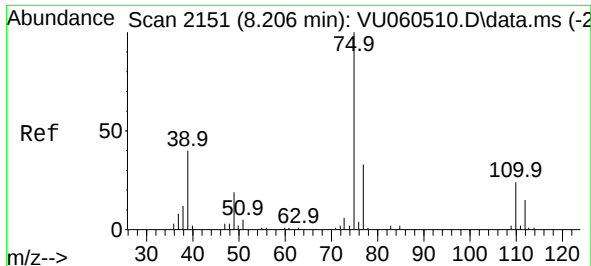
Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.5	32.5	48.7
100	13.9	12.5	18.7



#42
Toluene
Concen: 0.472 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU060508.D
Acq: 23 Aug 2024 12:15

Tgt Ion	Ratio	Lower	Upper
91	100		
92	62.1	38.0	70.6

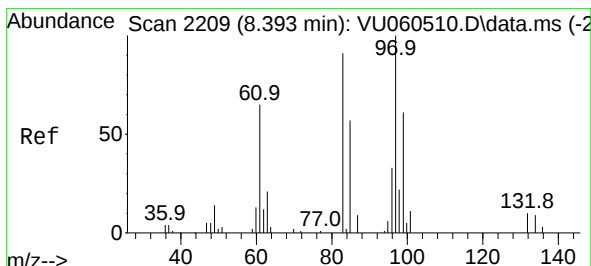
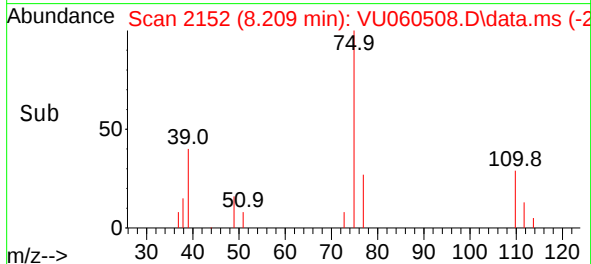
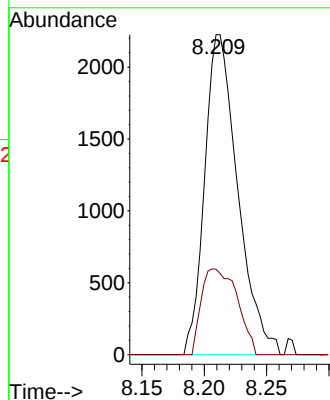
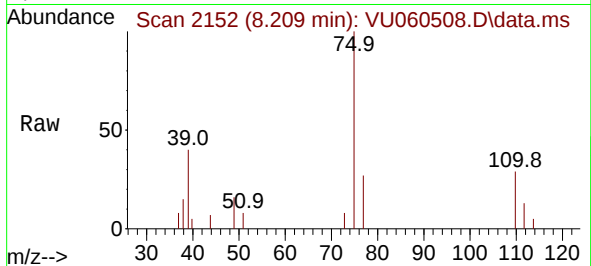




#44
trans-1,3-Dichloropropene
Concen: 0.465 ug/L
RT: 8.209 min Scan# 2151
Delta R.T. 0.003 min
Lab File: VU060508.D
Acq: 23 Aug 2024 12:15

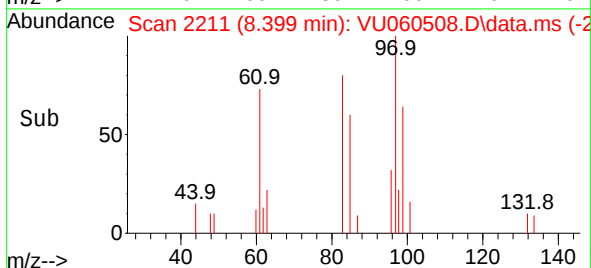
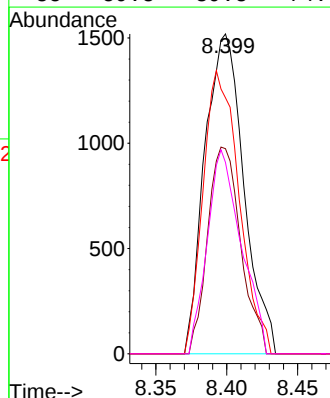
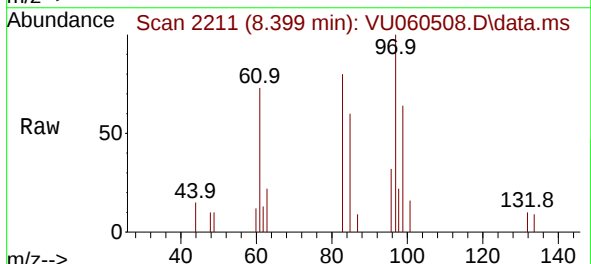
Instrument :
MSVOA_U
ClientSampleId :

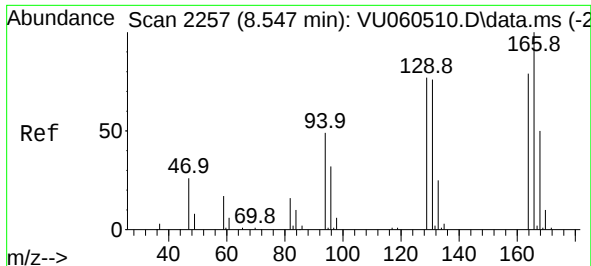
Tgt Ion: 75 Resp: 4120
Ion Ratio Lower Upper
75 100
77 26.7 23.4 43.6



#45
1,1,2-Trichloroethane
Concen: 0.545 ug/L
RT: 8.399 min Scan# 2211
Delta R.T. 0.007 min
Lab File: VU060508.D
Acq: 23 Aug 2024 12:15

Tgt Ion: 97 Resp: 2908
Ion Ratio Lower Upper
97 100
99 64.1 42.4 78.8
83 80.1 64.0 119.0
85 59.8 39.8 74.0





#47

Tetrachloroethene

Concen: 0.484 ug/L

RT: 8.550 min Scan# 2257

Delta R.T. 0.003 min

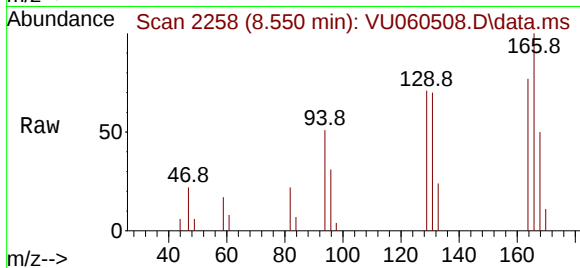
Lab File: VU060508.D

Acq: 23 Aug 2024 12:15

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 3092

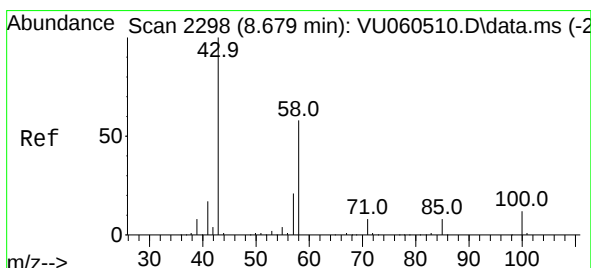
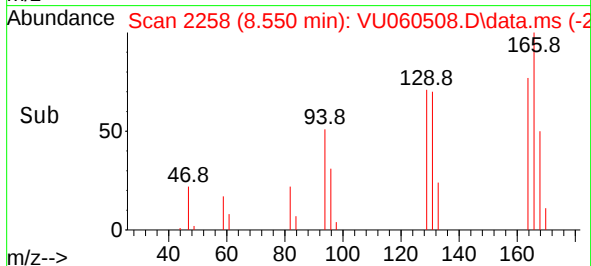
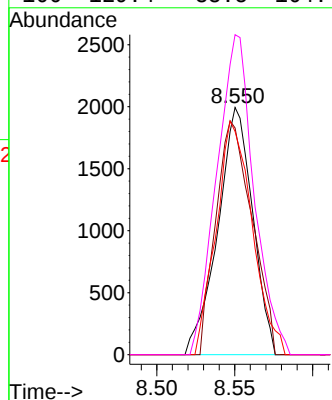
Ion Ratio Lower Upper

164 100

129 91.7 67.8 125.8

131 90.3 67.2 124.8

166 129.4 88.5 164.4



#48

2-Hexanone

Concen: 4.178 ug/L

RT: 8.688 min Scan# 2301

Delta R.T. 0.010 min

Lab File: VU060508.D

Acq: 23 Aug 2024 12:15

Tgt Ion: 43 Resp: 11780

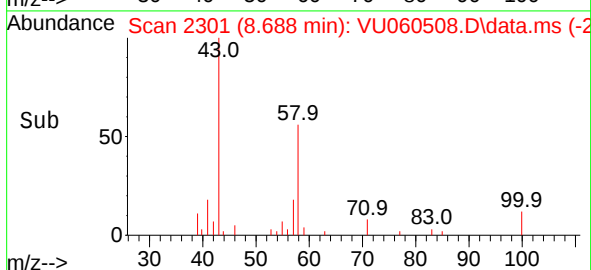
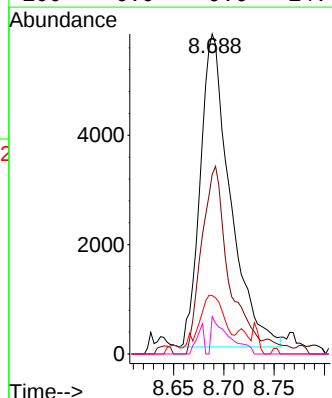
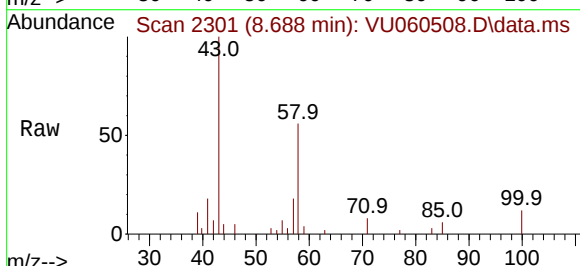
Ion Ratio Lower Upper

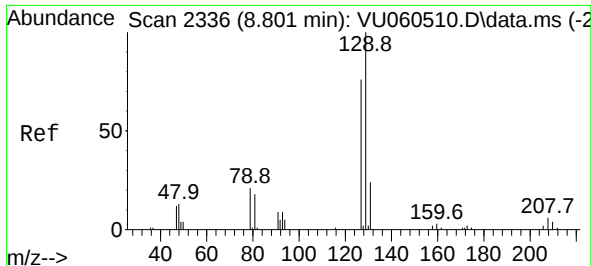
43 100

58 55.0 45.6 68.4

57 16.9 15.6 23.4

100 6.9 9.6 14.4#





#49

Dibromochloromethane

Concen: 0.473 ug/L

RT: 8.807 min Scan# 2336

Delta R.T. 0.007 min

Lab File: VU060508.D

Acq: 23 Aug 2024 12:15

Instrument :

MSVOA_U

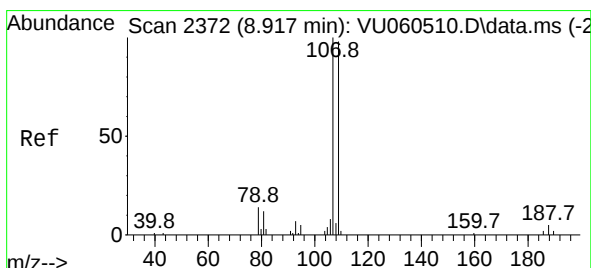
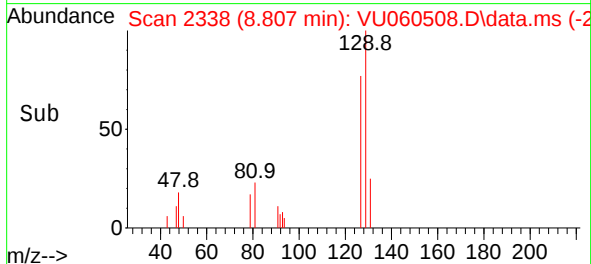
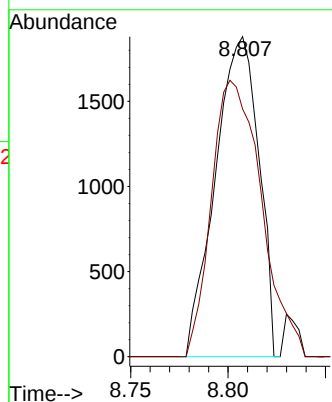
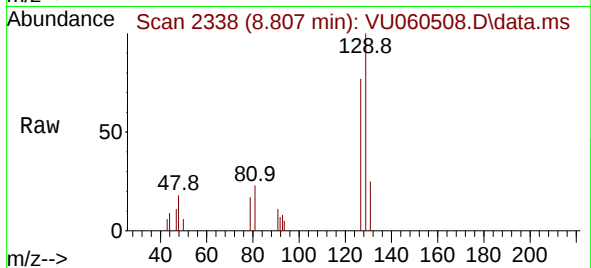
ClientSampleId :

Tgt Ion:129 Resp: 2921

Ion Ratio Lower Upper

129 100

127 77.4 53.0 98.4



#50

1,2-Dibromoethane

Concen: 0.509 ug/L

RT: 8.923 min Scan# 2374

Delta R.T. 0.007 min

Lab File: VU060508.D

Acq: 23 Aug 2024 12:15

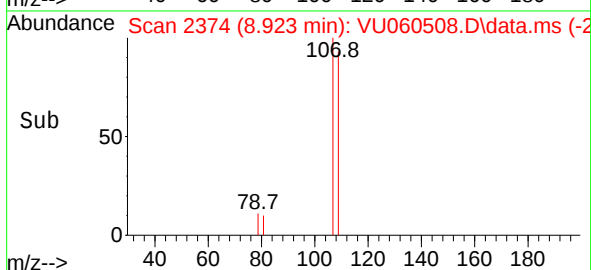
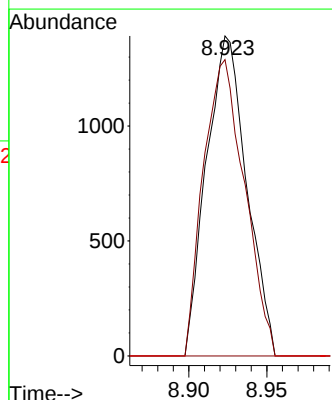
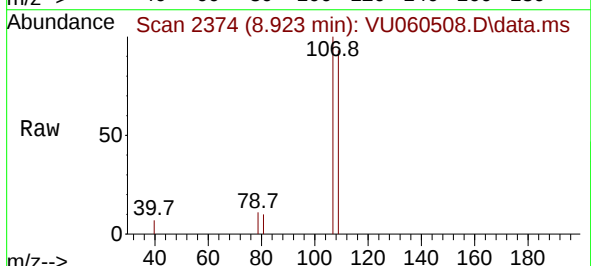
Tgt Ion:107 Resp: 2493

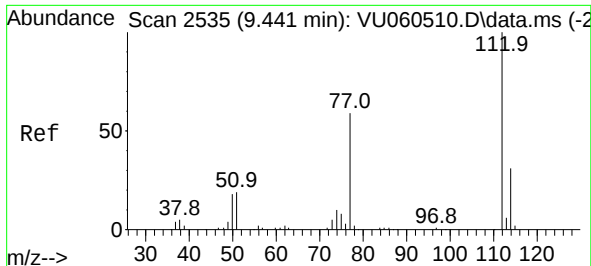
Ion Ratio Lower Upper

107 100

109 92.6 68.5 127.3

188 0.0 3.9 5.9#





#51

Chlorobenzene

Concen: 0.559 ug/L

RT: 9.444 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU060508.D

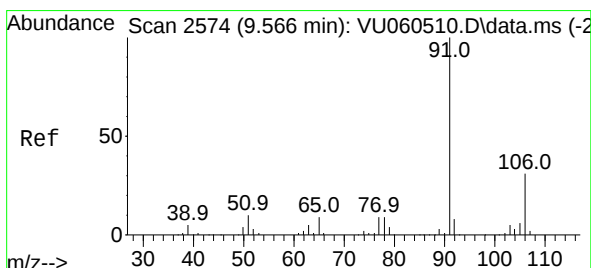
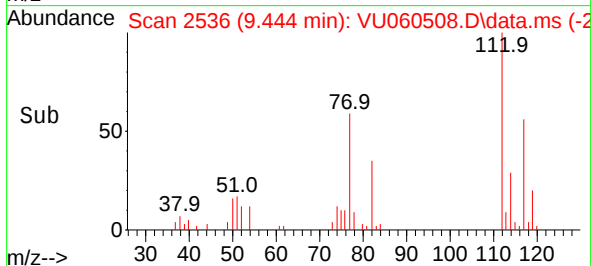
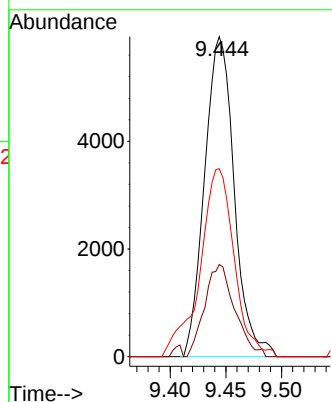
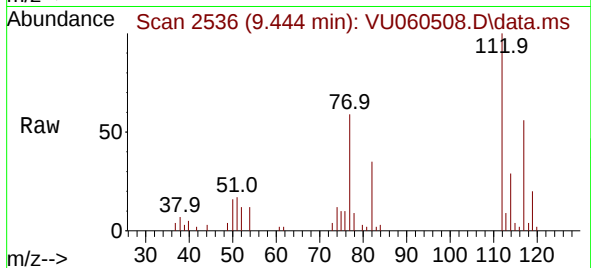
Acq: 23 Aug 2024 12:15

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	112	Resp:	11002
Ion Ratio	Lower	Upper	
112	100		
114	26.5	21.9	40.7
77	54.1	47.4	71.2



#52

Ethylbenzene

Concen: 0.480 ug/L

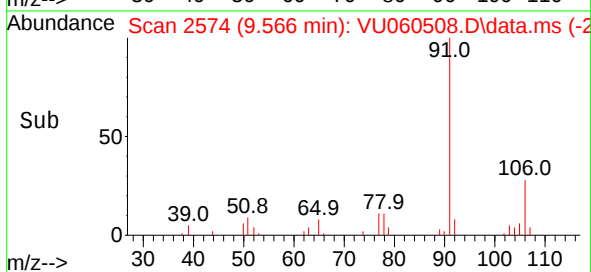
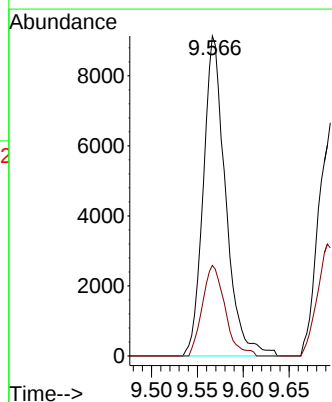
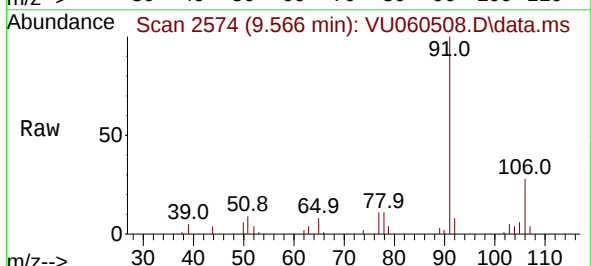
RT: 9.566 min Scan# 2574

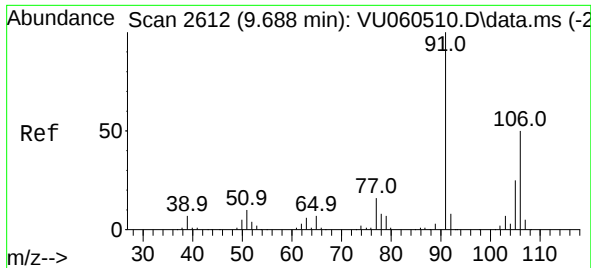
Delta R.T. 0.000 min

Lab File: VU060508.D

Acq: 23 Aug 2024 12:15

Tgt Ion:	91	Resp:	15447
Ion Ratio	Lower	Upper	
91	100		
106	28.3	21.9	40.7

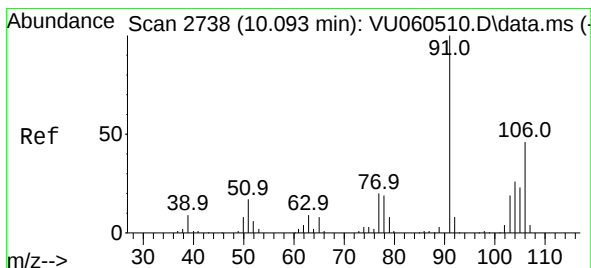
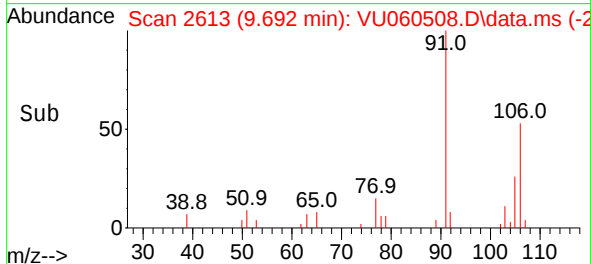
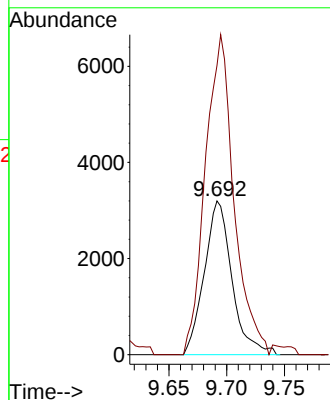
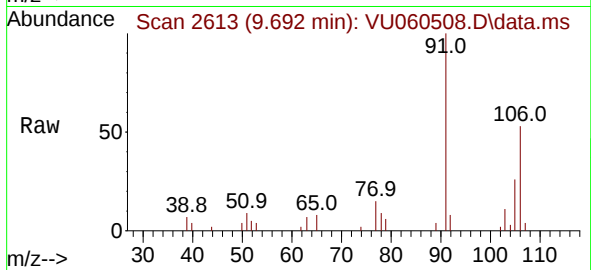




#53
m,p-Xylene
Concen: 0.445 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU060508.D
Acq: 23 Aug 2024 12:15

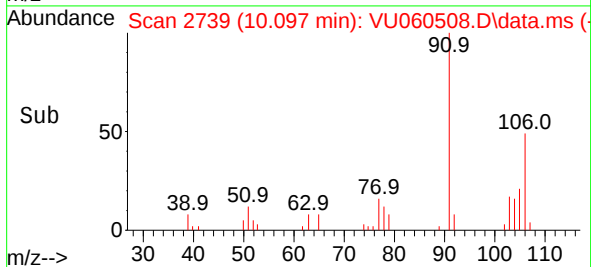
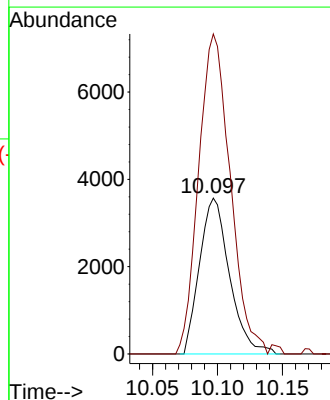
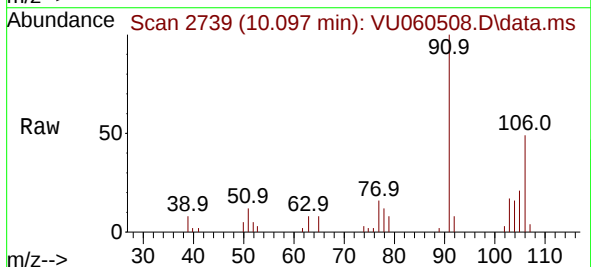
Instrument :
MSVOA_U
ClientSampleId :

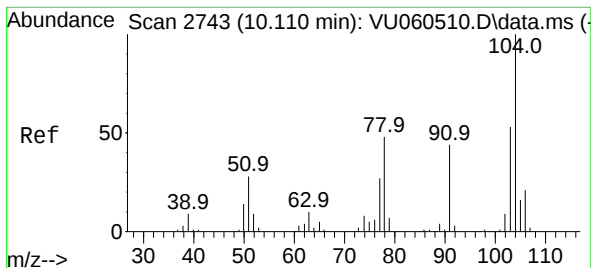
Tgt Ion:106 Resp: 5325
Ion Ratio Lower Upper
106 100
91 188.1 141.5 262.9



#54
o-Xylene
Concen: 0.468 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.003 min
Lab File: VU060508.D
Acq: 23 Aug 2024 12:15

Tgt Ion:106 Resp: 5739
Ion Ratio Lower Upper
106 100
91 205.4 151.1 280.7





#55

Styrene

Concen: 0.429 ug/L

RT: 10.116 min Scan# 21

Delta R.T. 0.007 min

Lab File: VU060508.D

Acq: 23 Aug 2024 12:15

Instrument :

MSVOA_U

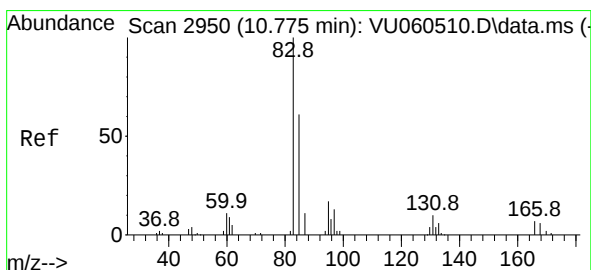
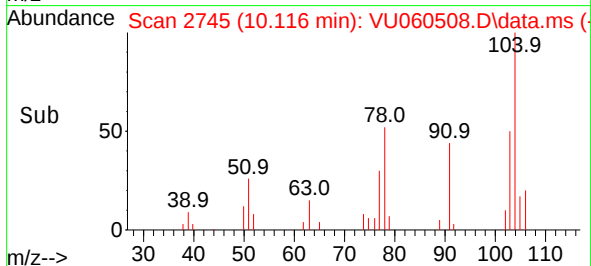
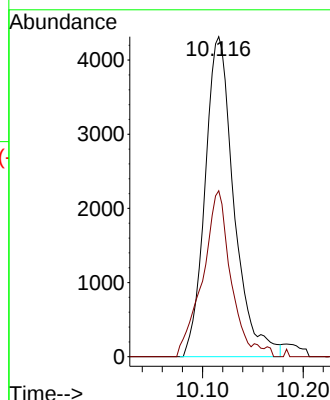
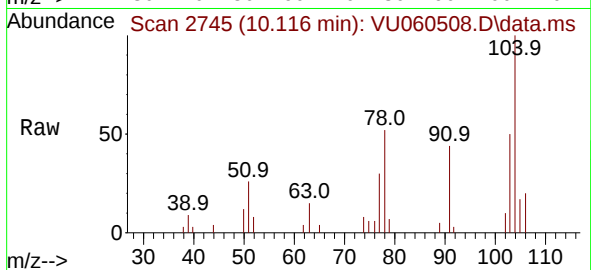
ClientSampleId :

Tgt Ion:104 Resp: 8615

Ion Ratio Lower Upper

104 100

78 51.9 33.3 61.9



#57

1,1,2,2-Tetrachloroethane

Concen: 0.522 ug/L

RT: 10.778 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VU060508.D

Acq: 23 Aug 2024 12:15

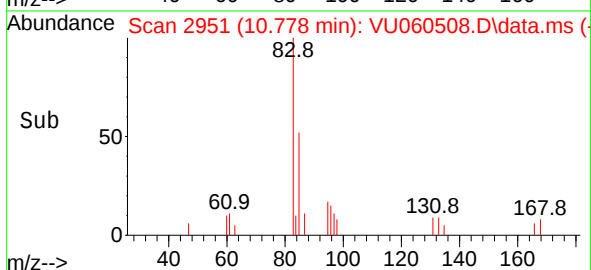
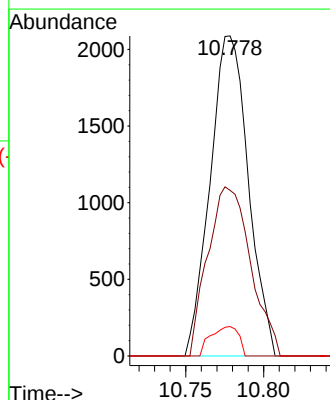
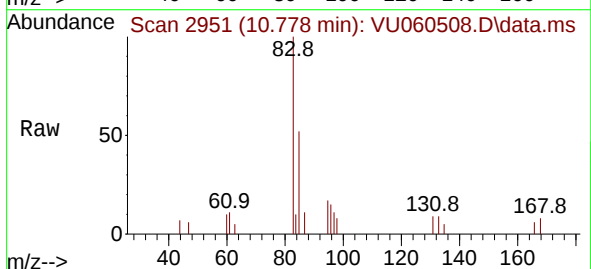
Tgt Ion: 83 Resp: 3554

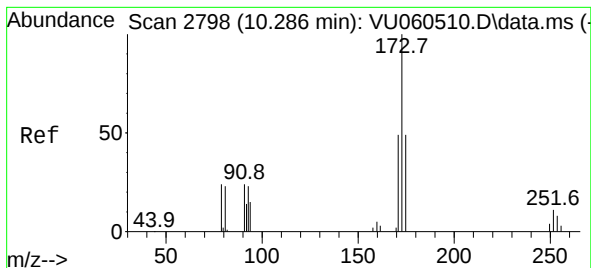
Ion Ratio Lower Upper

83 100

85 51.7 43.3 80.5

131 9.2 8.9 13.3





#59

Bromoform

Concen: 0.567 ug/L

RT: 10.290 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU060508.D

Acq: 23 Aug 2024 12:15

Instrument :

MSVOA_U

ClientSampleId :

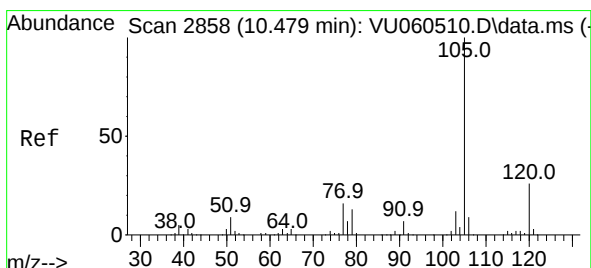
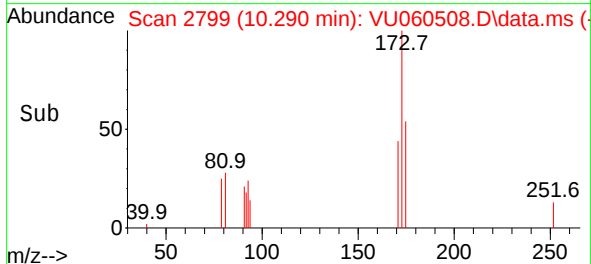
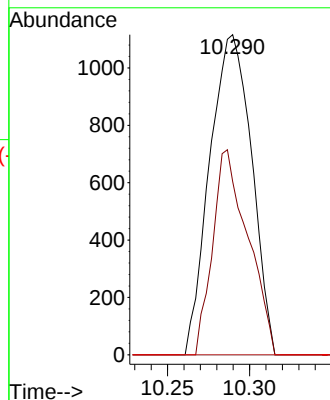
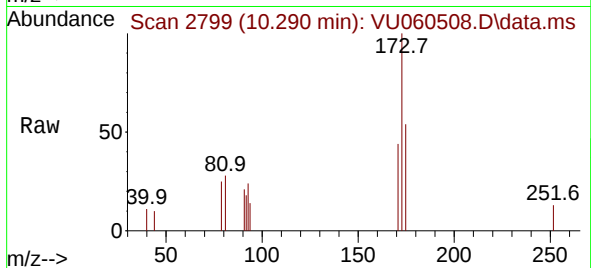
Tgt Ion:173 Resp: 1979

Ion Ratio Lower Upper

173 100

175 54.0 39.8 59.8

254 0.0 8.2 12.2#



#60

Isopropylbenzene

Concen: 0.493 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU060508.D

Acq: 23 Aug 2024 12:15

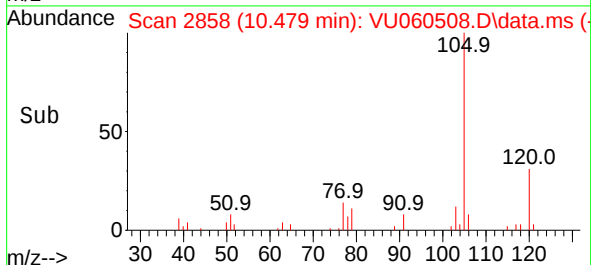
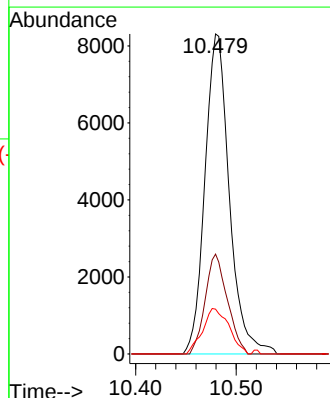
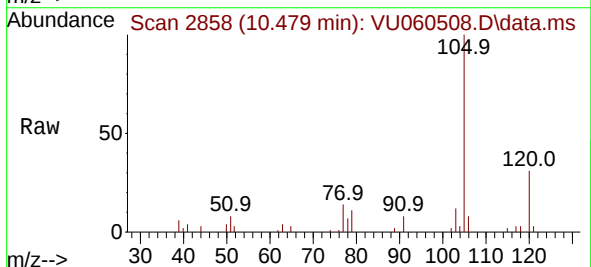
Tgt Ion:105 Resp: 13995

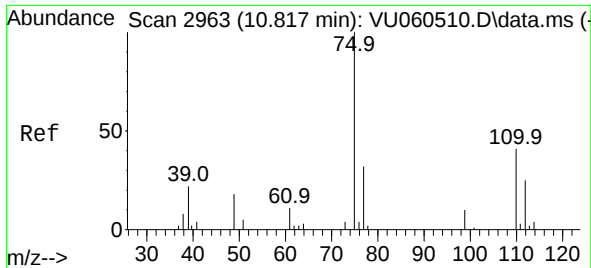
Ion Ratio Lower Upper

105 100

120 28.3 21.0 31.4

77 15.3 13.0 19.4





#61

1,2,3-Trichloropropane

Concen: 0.665 ug/L

RT: 10.823 min Scan# 2965

Delta R.T. 0.007 min

Lab File: VU060508.D

Acq: 23 Aug 2024 12:15

Instrument :

MSVOA_U

ClientSampleId :

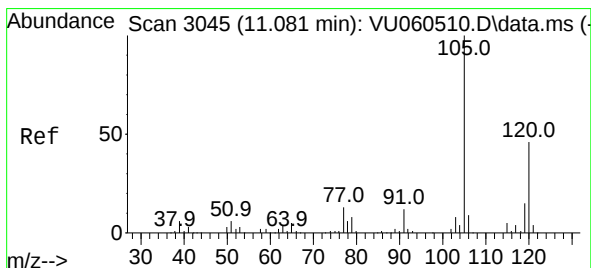
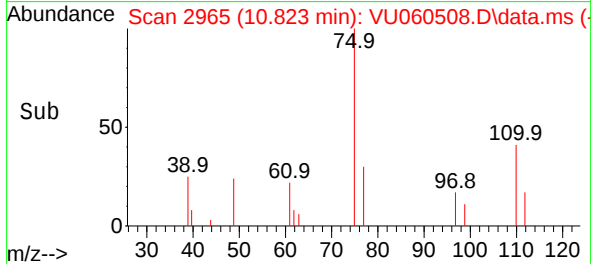
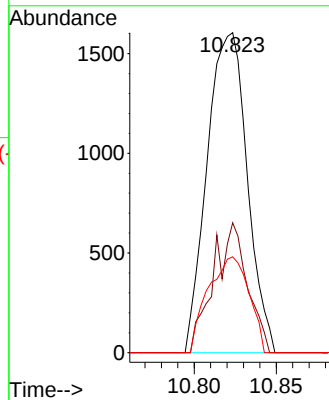
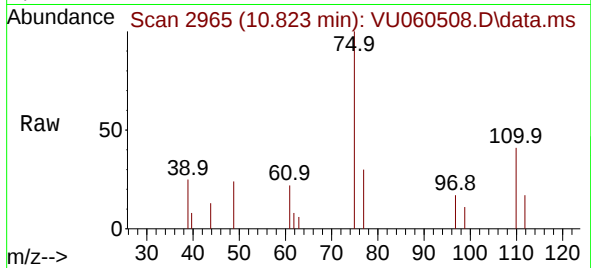
Tgt Ion: 75 Resp: 2726

Ion Ratio Lower Upper

75 100

110 34.5 30.2 45.4

77 30.5 25.4 38.2



#62

1,3,5-Trimethylbenzene

Concen: 0.541 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.003 min

Lab File: VU060508.D

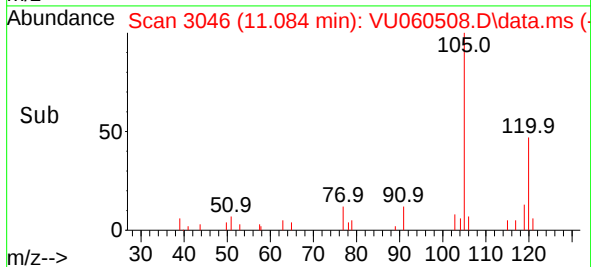
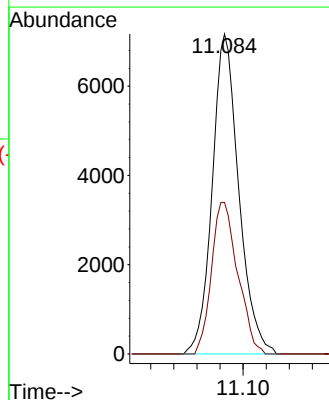
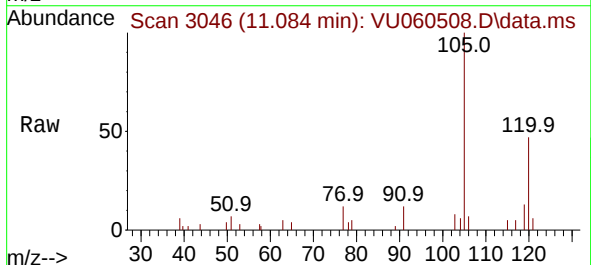
Acq: 23 Aug 2024 12:15

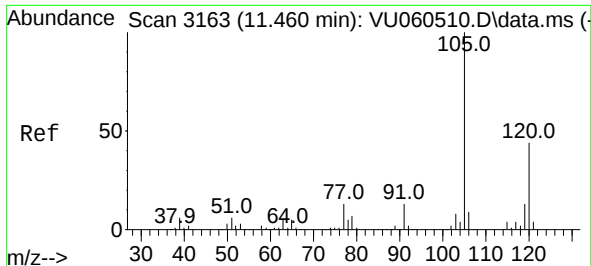
Tgt Ion: 105 Resp: 11439

Ion Ratio Lower Upper

105 100

120 46.9 37.4 56.0





#63

1,2,4-Trimethylbenzene

Concen: 0.457 ug/L

RT: 11.463 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VU060508.D

Acq: 23 Aug 2024 12:15

Instrument :

MSVOA_U

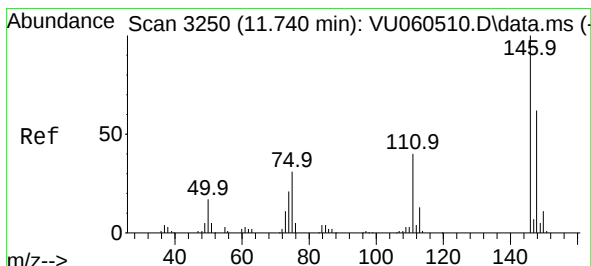
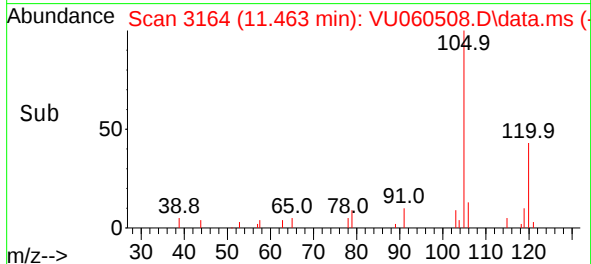
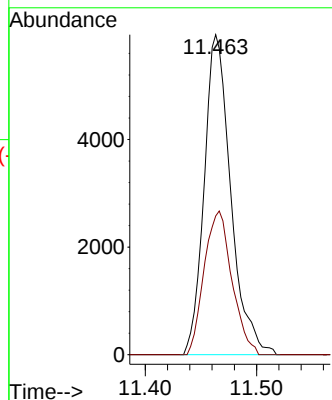
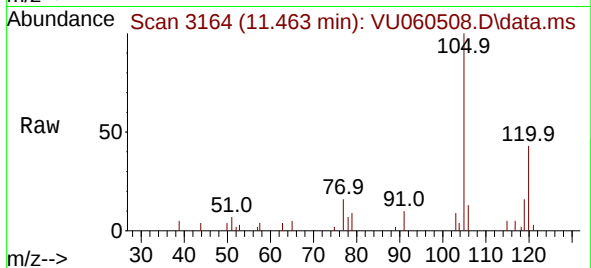
ClientSampleId :

Tgt Ion:105 Resp: 9873

Ion Ratio Lower Upper

105 100

120 46.8 35.7 53.5



#64

1,3-Dichlorobenzene

Concen: 0.544 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. 0.000 min

Lab File: VU060508.D

Acq: 23 Aug 2024 12:15

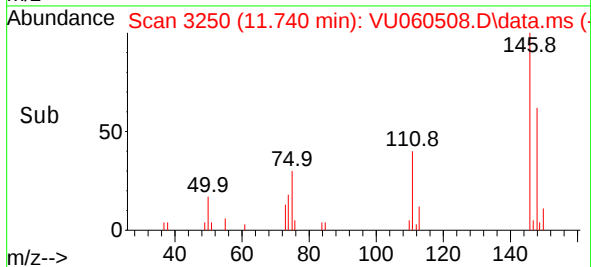
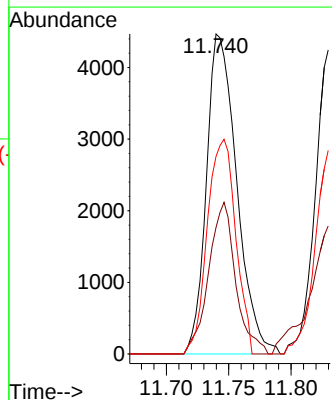
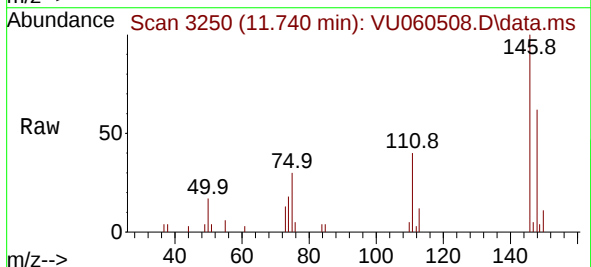
Tgt Ion:146 Resp: 7561

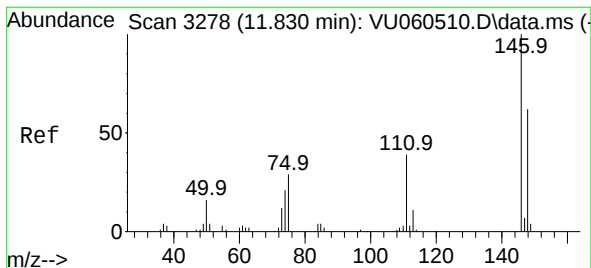
Ion Ratio Lower Upper

146 100

111 39.5 27.9 51.9

148 65.4 43.5 80.7





#65

1,4-Dichlorobenzene

Concen: 0.554 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

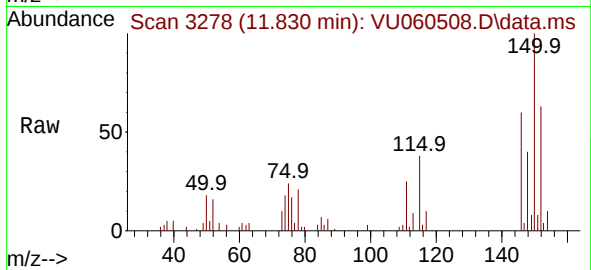
Lab File: VU060508.D

Acq: 23 Aug 2024 12:15

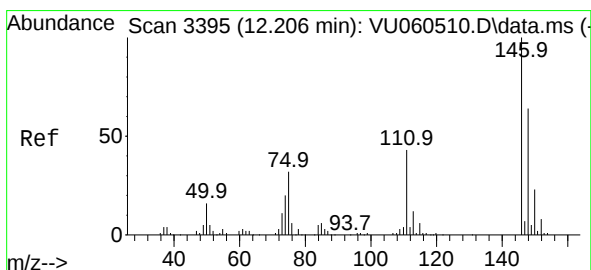
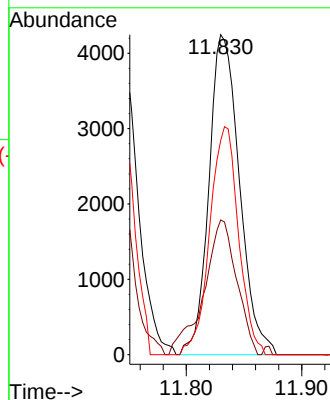
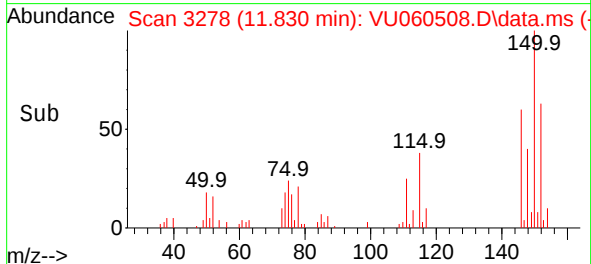
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	146	Resp:	7807
Ion	Ratio	Lower	Upper
146	100		
111	42.1	27.2	50.4
148	66.9	43.6	81.0



#67

1,2-Dichlorobenzene

Concen: 0.585 ug/L

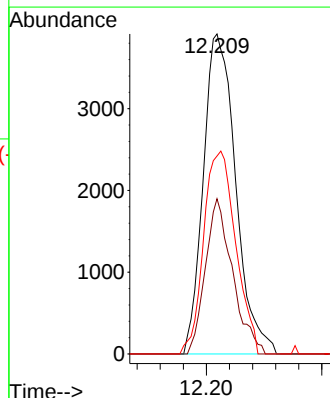
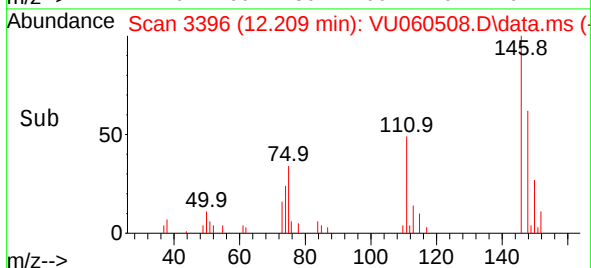
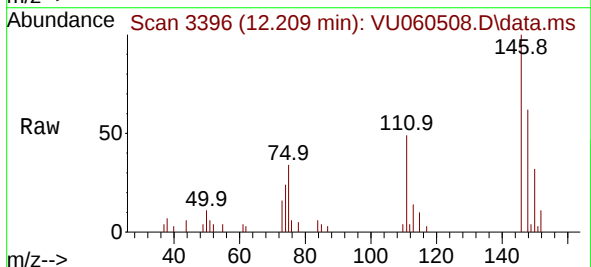
RT: 12.209 min Scan# 3396

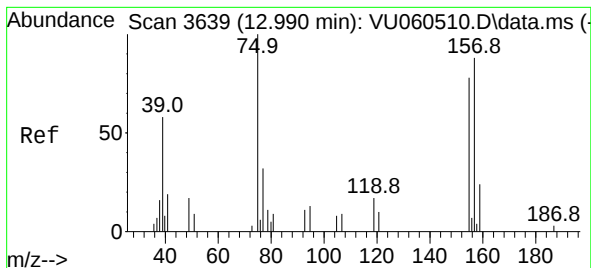
Delta R.T. 0.003 min

Lab File: VU060508.D

Acq: 23 Aug 2024 12:15

Tgt Ion:	146	Resp:	7623
Ion	Ratio	Lower	Upper
146	100		
111	48.5	34.6	52.0
148	61.9	51.4	77.2

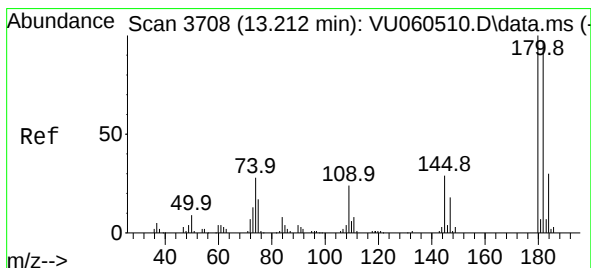
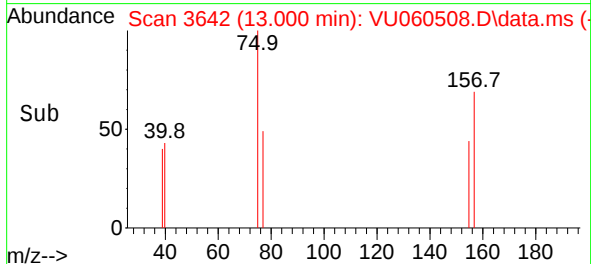
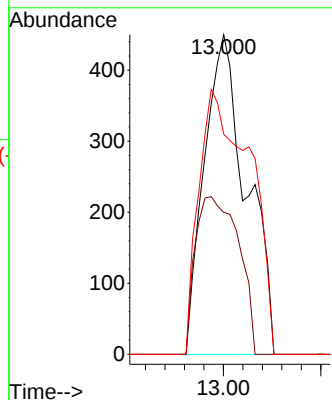
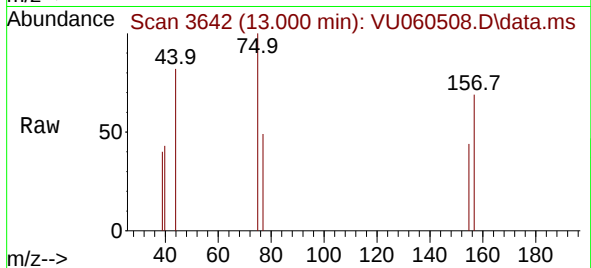




#68
1,2-Dibromo-3-chloropropane
Concen: 0.733 ug/L
RT: 13.000 min Scan# 3642
Delta R.T. 0.010 min
Lab File: VU060508.D
Acq: 23 Aug 2024 12:15

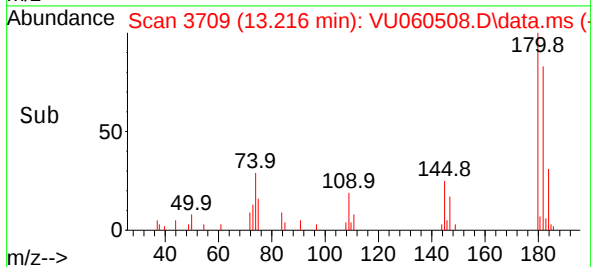
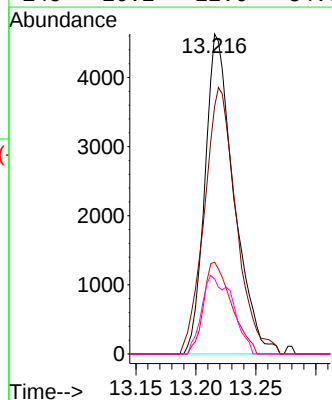
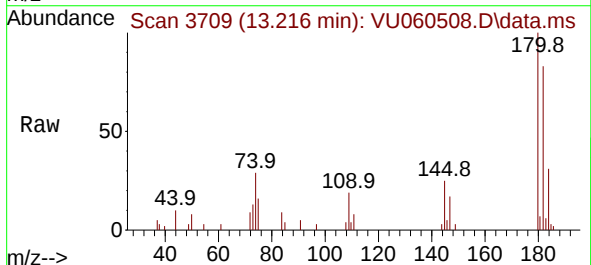
Instrument :
MSVOA_U
ClientSampleId :

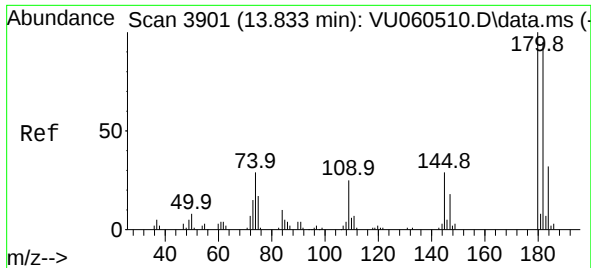
Tgt Ion: 75 Resp: 678
Ion Ratio Lower Upper
75 100
155 44.4 62.7 94.1#
157 68.9 70.4 105.6#



#69
1,3,5-Trichlorobenzene
Concen: 0.724 ug/L
RT: 13.216 min Scan# 3709
Delta R.T. 0.003 min
Lab File: VU060508.D
Acq: 23 Aug 2024 12:15

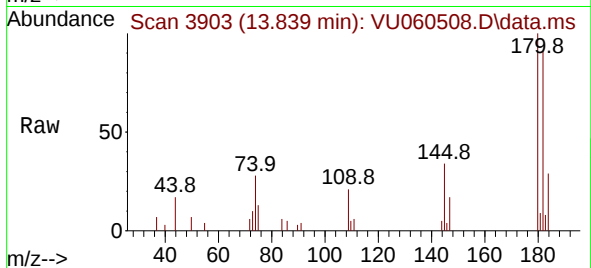
Tgt Ion: 180 Resp: 7756
Ion Ratio Lower Upper
180 100
182 91.8 77.6 116.4
184 27.7 24.9 37.3
145 26.2 22.6 34.0



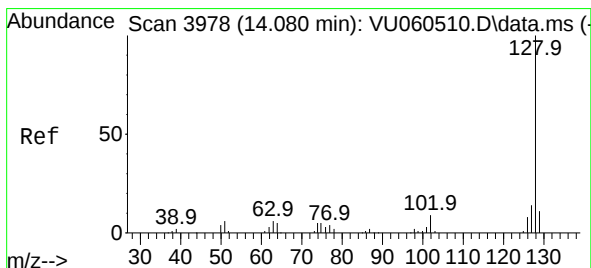
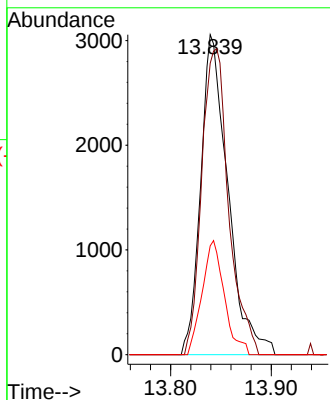
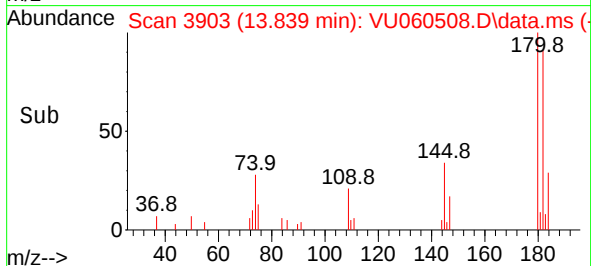


#70
1,2,4-trichlorobenzene
Concen: 0.665 ug/L
RT: 13.839 min Scan# 3901
Delta R.T. 0.007 min
Lab File: VU060508.D
Acq: 23 Aug 2024 12:15

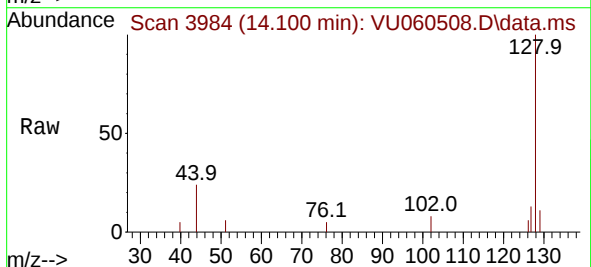
Instrument :
MSVOA_U
ClientSampleId :



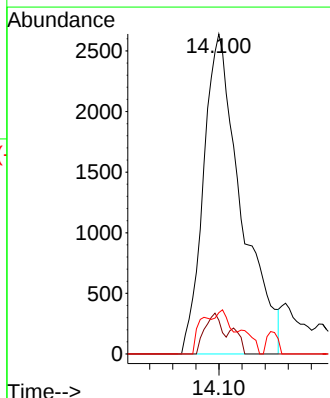
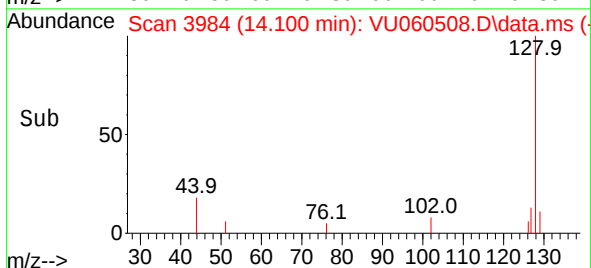
Tgt Ion:180 Resp: 5745
Ion Ratio Lower Upper
180 100
182 94.3 77.3 115.9
145 29.1 23.9 35.9

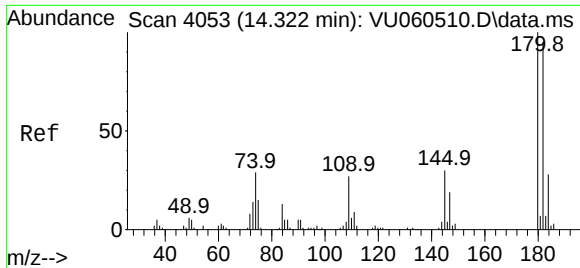


#71
Naphthalene
Concen: 0.540 ug/L
RT: 14.100 min Scan# 3984
Delta R.T. 0.019 min
Lab File: VU060508.D
Acq: 23 Aug 2024 12:15



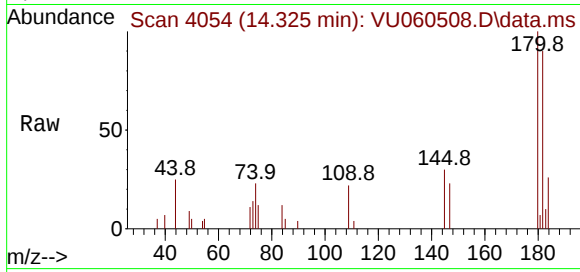
Tgt Ion:128 Resp: 5967
Ion Ratio Lower Upper
128 100
129 5.9 8.5 12.7#
127 3.1 10.2 15.2#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.632 ug/L
 RT: 14.325 min Scan# 4053
 Delta R.T. 0.003 min
 Lab File: VU060508.D
 Acq: 23 Aug 2024 12:15

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	4570
Ion Ratio	Lower	Upper	
180	100		
182	99.9	76.0	114.0
145	29.7	24.3	36.5

