

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082224\
 Data File : VU060503.D
 Acq On : 22 Aug 2024 14:56
 Operator : MD/SY
 Sample : VSTD005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 23 06:34:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 23 06:32:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	81884	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	83035	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	60261	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	18094	3.115	ug/L	0.00
7) Chloroethane-d5	1.911	69	25371	4.539	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	9901	3.864	ug/L	0.00
20) 2-Butanone-d5	4.631	46	67748	50.015	ug/L	0.00
24) Chloroform-d	5.055	84	54994	4.496	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	29252	4.998	ug/L	0.00
32) Benzene-d6	5.721	84	97131	4.098	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	31773	4.276	ug/L	0.00
41) Toluene-d8	7.891	98	90985	4.324	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	11463	4.751	ug/L	0.00
46) 2-Hexanone-d5	8.627	63	49065	46.089	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.750	84	25634	4.227	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	33399	3.302	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	49607	9.053	ug/L	100
3) Chloromethane	1.518	50	40103	6.698	ug/L	100
5) Vinyl chloride	1.602	62	38566	5.785	ug/L	100
6) Bromomethane	1.856	94	35529	7.049	ug/L	100
8) Chloroethane	1.930	64	33736	6.961	ug/L	100
9) Trichlorofluoromethane	2.133	101	75305	7.406	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	33314	5.514	ug/L	100
12) 1,1-Dichloroethene	2.573	96	28659	5.267	ug/L	100
13) Acetone	2.644	43	51148	54.867	ug/L	100
14) Carbon disulfide	2.789	76	101304	6.788	ug/L	100
15) Methyl Acetate	2.956	43	12432	6.110	ug/L	100
16) Methylene chloride	3.039	84	33759	4.366	ug/L	100
17) Methyl tert-butyl Ether	3.358	73	70105	5.427	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	29609	5.520	ug/L	100
19) 1,1-Dichloroethane	3.862	63	64315	5.709	ug/L	100
21) 2-Butanone	4.708	43	80653	56.780	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	33336	5.198	ug/L	100
23) Bromochloromethane	4.968	128	15560	5.292	ug/L	100
25) Chloroform	5.081	83	65337	5.417	ug/L	100
27) 1,2-Dichloroethane	5.788	62	43792	6.486	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	59375	6.210	ug/L	100
30) Cyclohexane	5.380	56	51251	6.480	ug/L	100
31) Carbon tetrachloride	5.518	117	52977	6.281	ug/L	100
33) Benzene	5.766	78	135305	5.574	ug/L	100
34) Trichloroethene	6.538	95	36214	5.650	ug/L	100
35) Methylcyclohexane	6.759	83	50993	5.971	ug/L	100
37) 1,2-Dichloropropane	6.782	63	37770	5.687	ug/L	100
38) Bromodichloromethane	7.100	83	46623	5.674	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	50568	5.596	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	197292	62.435	ug/L	100
42) Toluene	7.962	91	148978	5.795	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	44056	5.862	ug/L	100

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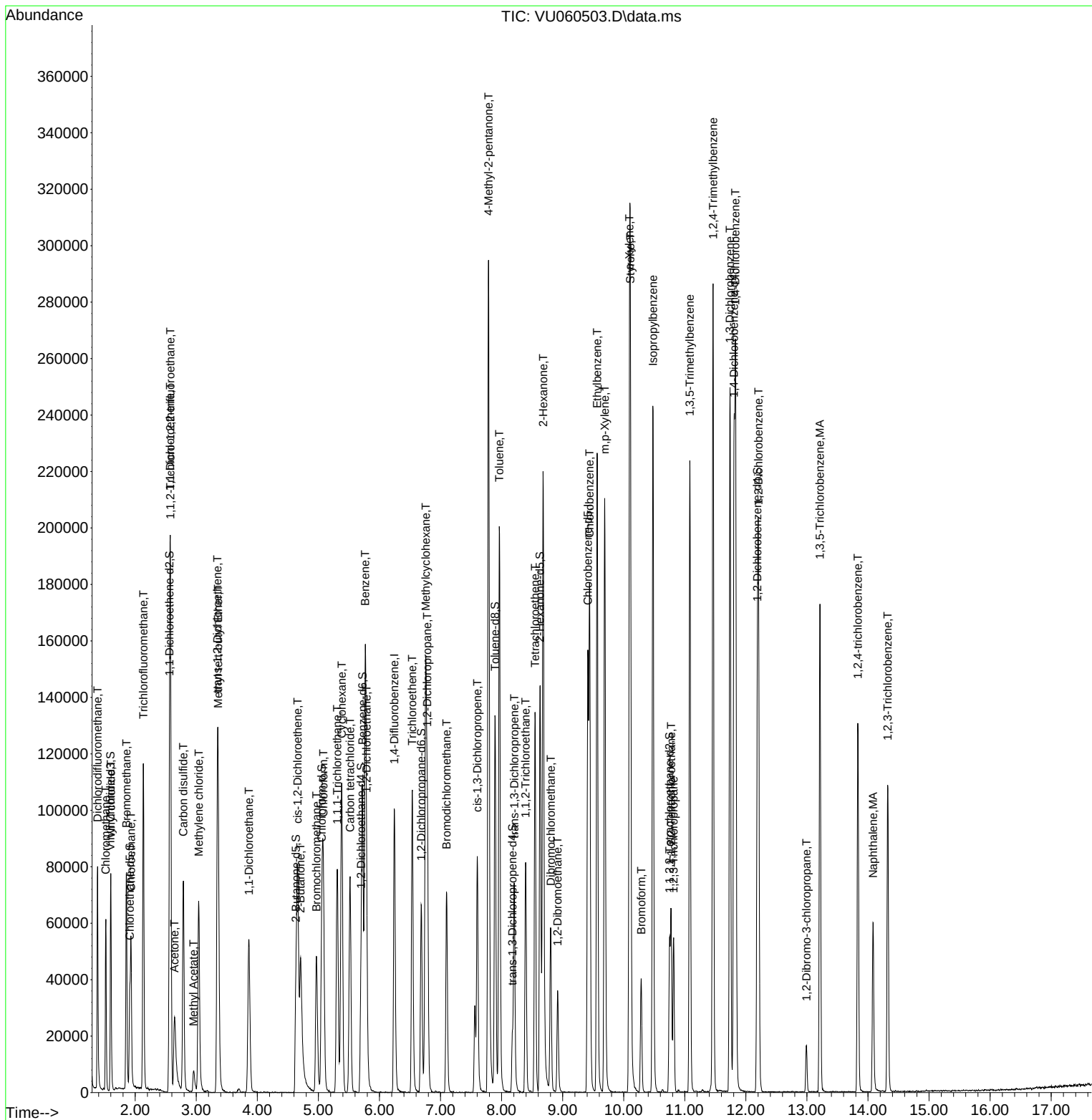
Instrument :
 MSVOA_U
 ClientSampleId :

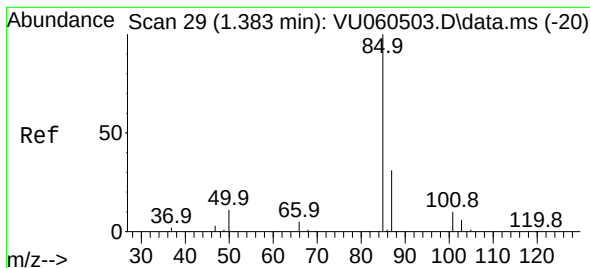
Quant Time: Aug 23 06:34:05 2024
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	25306	5.094	ug/L	100
47) Tetrachloroethene	8.547	164	29810	5.889	ug/L	100
48) 2-Hexanone	8.679	43	147464	62.208	ug/L	100
49) Dibromochloromethane	8.804	129	29144	5.486	ug/L	100
50) 1,2-Dibromoethane	8.917	107	23416	5.288	ug/L	100
51) Chlorobenzene	9.441	112	92590	5.370	ug/L	100
52) Ethylbenzene	9.563	91	155129	5.692	ug/L	100
53) m,p-Xylene	9.689	106	59378	5.760	ug/L	100
54) o-Xylene	10.094	106	56695	5.767	ug/L	100
55) Styrene	10.110	104	97966	5.777	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	30481	4.974	ug/L	100
59) Bromoform	10.287	173	18644	4.260	ug/L	100
60) Isopropylbenzene	10.480	105	152051	4.354	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	21605	3.912	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	117911	4.379	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	150877	5.423	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	101839	5.423	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	99338	5.280	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	67662	4.070	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.991	75	4832	4.628	ug/L	100
69) 1,3,5-Trichlorobenzene	13.213	180	54295	4.060	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	40545	3.880	ug/L	100
71) Naphthalene	14.084	128	52070	3.559	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	35554	3.817	ug/L	100

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

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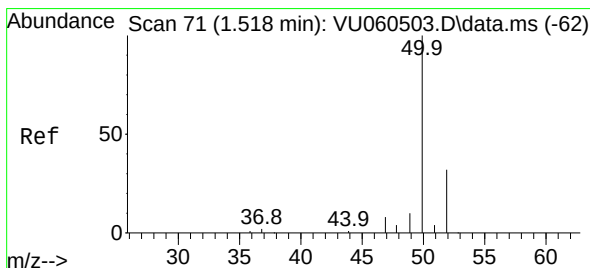
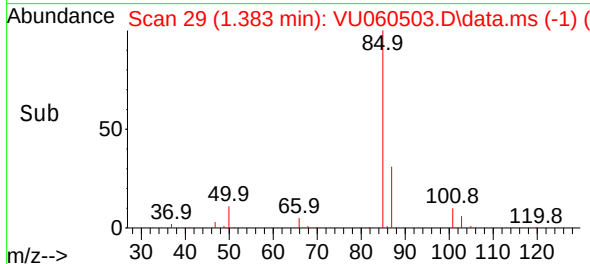
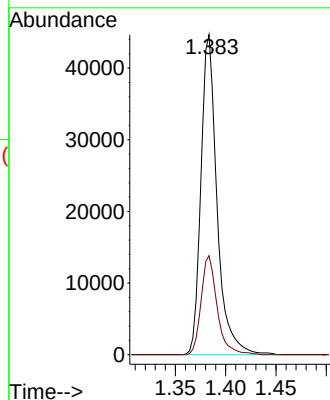
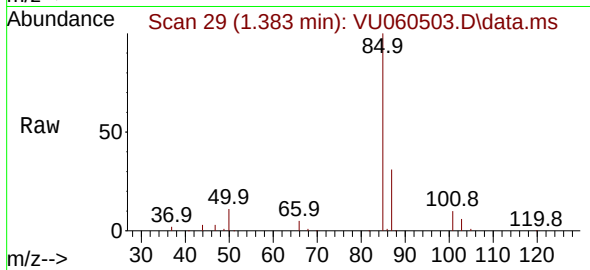




#2
 Dichlorodifluoromethane
 Concen: 9.053 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU060503.D
 Acq: 22 Aug 2024 14:56

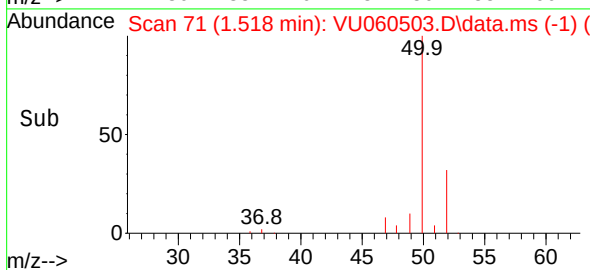
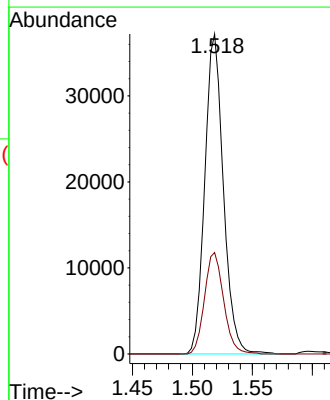
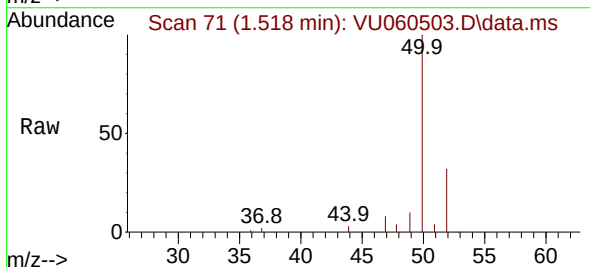
Instrument :
 MSVOA_U
 ClientSampleId :

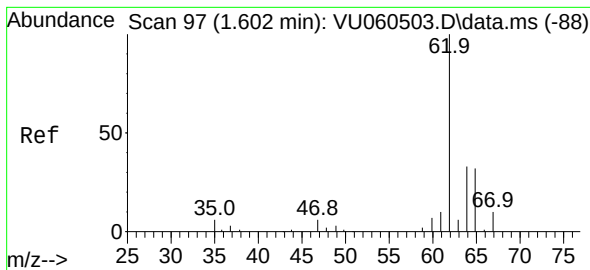
Tgt Ion: 85 Resp: 49607
 Ion Ratio Lower Upper
 85 100
 87 30.8 24.6 37.0



#3
 Chloromethane
 Concen: 6.698 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VU060503.D
 Acq: 22 Aug 2024 14:56

Tgt Ion: 50 Resp: 40103
 Ion Ratio Lower Upper
 50 100
 52 31.7 22.2 41.2





#5

Vinyl chloride

Concen: 5.785 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU060503.D

Acq: 22 Aug 2024 14:56

Instrument :

MSVOA_U

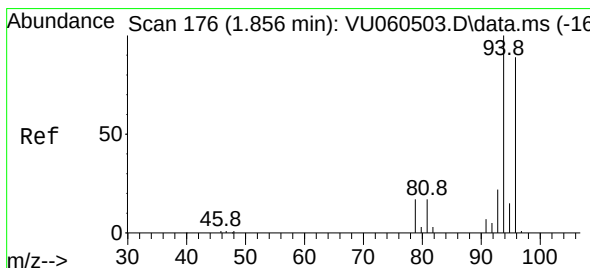
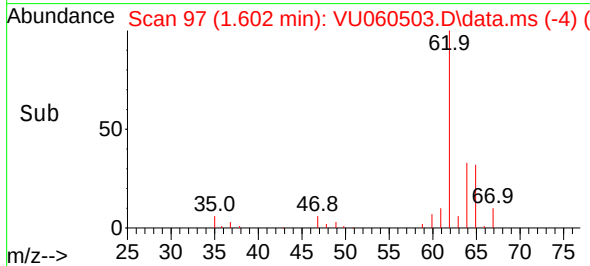
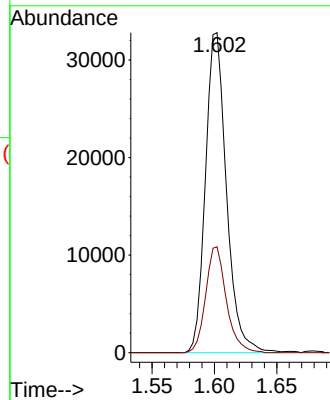
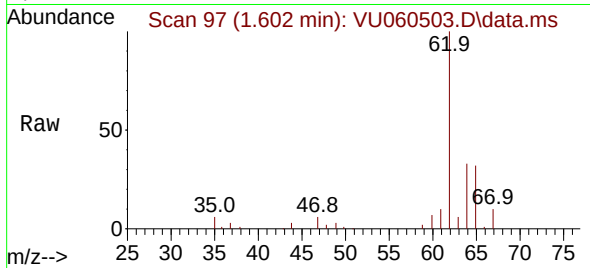
ClientSampleId :

Tgt Ion: 62 Resp: 38566

Ion Ratio Lower Upper

62 100

64 33.1 23.2 43.0



#6

Bromomethane

Concen: 7.049 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.000 min

Lab File: VU060503.D

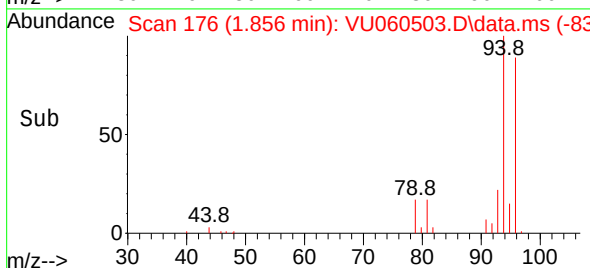
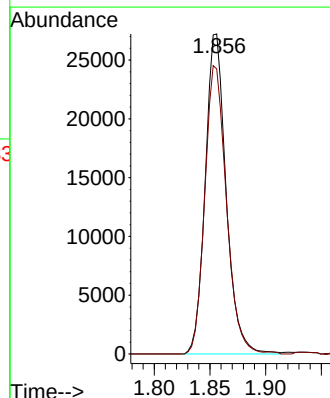
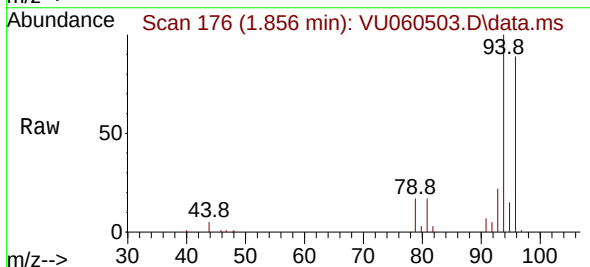
Acq: 22 Aug 2024 14:56

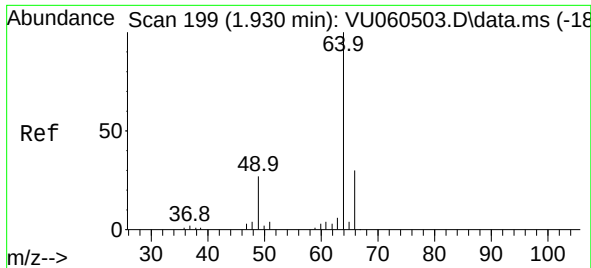
Tgt Ion: 94 Resp: 35529

Ion Ratio Lower Upper

94 100

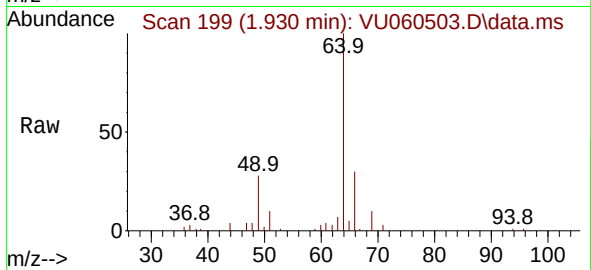
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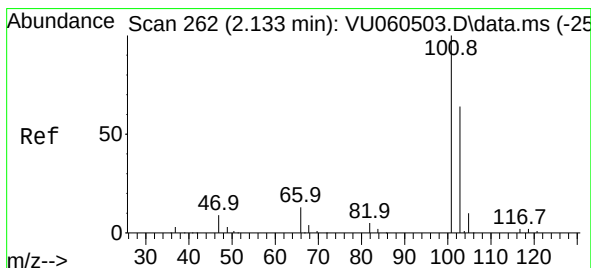
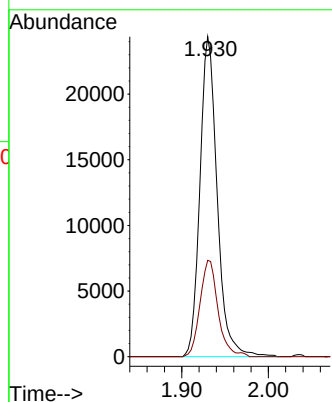
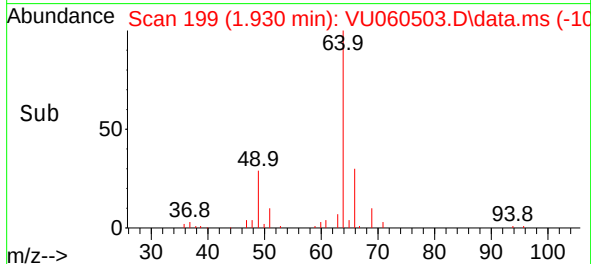


#8
Chloroethane
Concen: 6.961 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU060503.D
Acq: 22 Aug 2024 14:56

Instrument :
MSVOA_U
ClientSampleId :

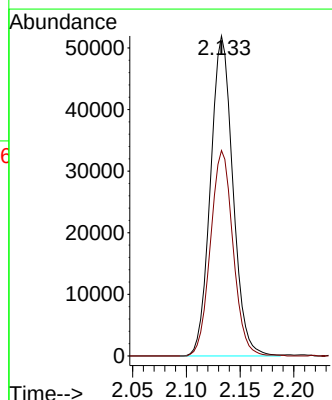
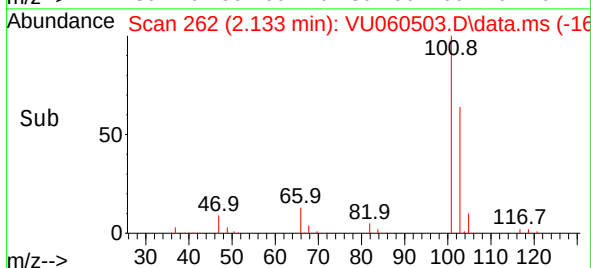
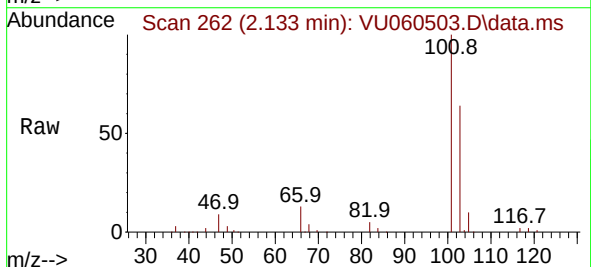


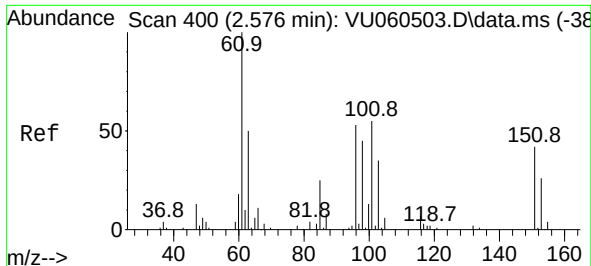
Tgt Ion: 64 Resp: 33736
Ion Ratio Lower Upper
64 100
66 30.1 21.1 39.1



#9
Trichlorofluoromethane
Concen: 7.406 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU060503.D
Acq: 22 Aug 2024 14:56

Tgt Ion:101 Resp: 75305
Ion Ratio Lower Upper
101 100
103 64.6 51.7 77.5





#10

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

Concen: 5.514 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU060503.D

Acq: 22 Aug 2024 14:56

Instrument :

MSVOA_U

ClientSampleId :

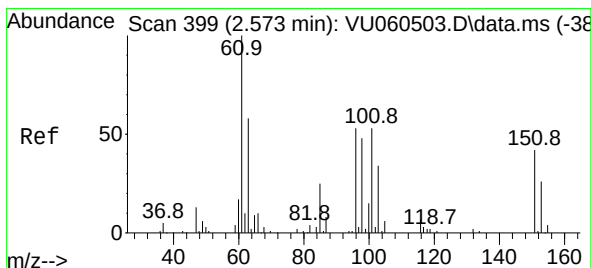
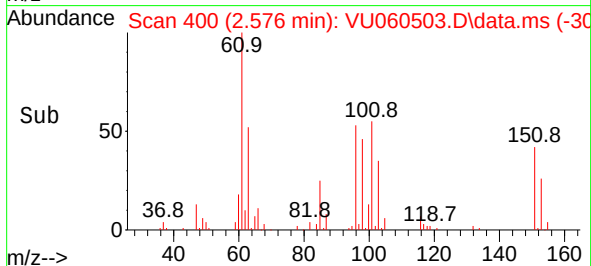
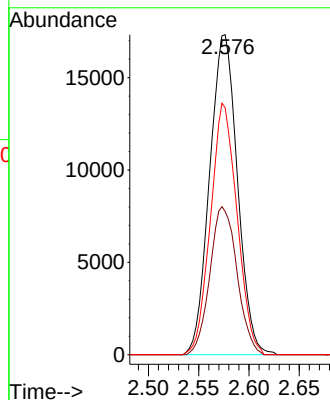
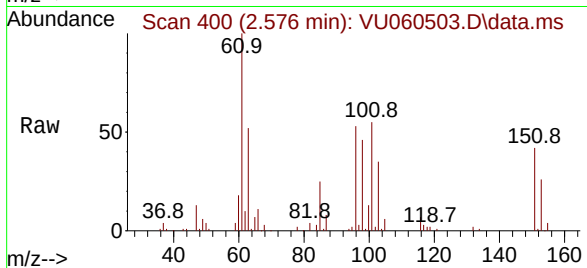
Tgt Ion:101 Resp: 33314

Ion Ratio Lower Upper

101 100

85 45.2 36.2 54.2

151 74.9 59.9 89.9



#12

1,1-Dichloroethene

Concen: 5.267 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU060503.D

Acq: 22 Aug 2024 14:56

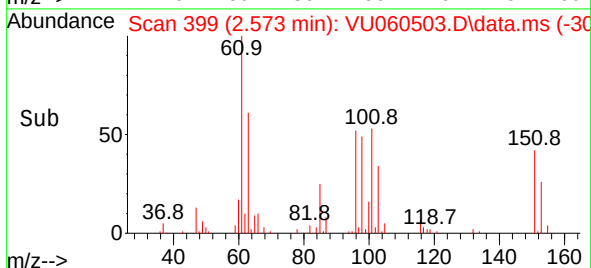
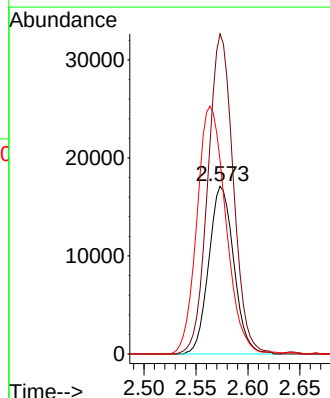
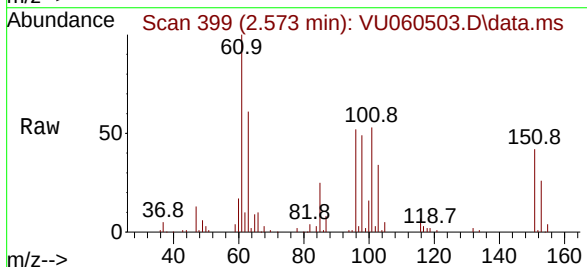
Tgt Ion: 96 Resp: 28659

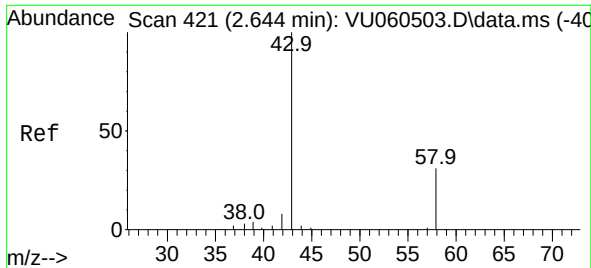
Ion Ratio Lower Upper

96 100

61 190.8 133.6 248.0

63 115.5 80.8 150.2





#13

Acetone

Concen: 54.867 ug/L

RT: 2.644 min Scan# 421

Delta R.T. 0.000 min

Lab File: VU060503.D

Acq: 22 Aug 2024 14:56

Instrument :

MSVOA_U

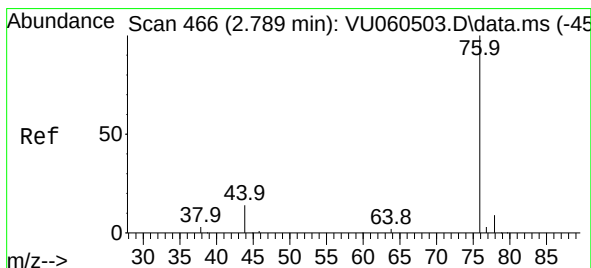
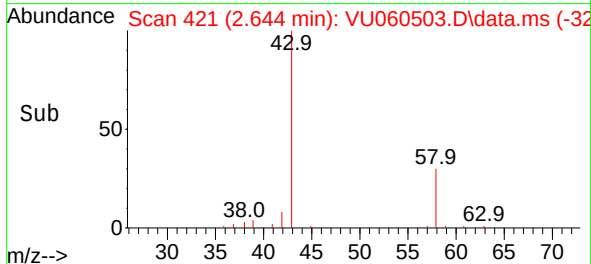
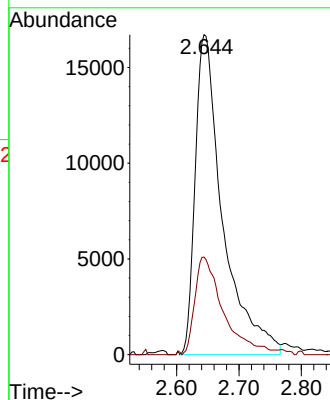
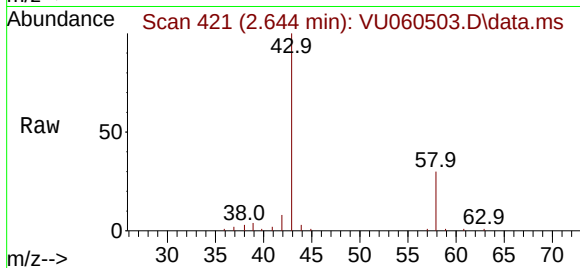
ClientSampleId :

Tgt Ion: 43 Resp: 51148

Ion Ratio Lower Upper

43 100

58 31.8 0.0 63.6



#14

Carbon disulfide

Concen: 6.788 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU060503.D

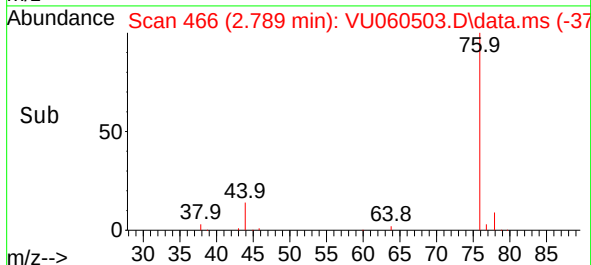
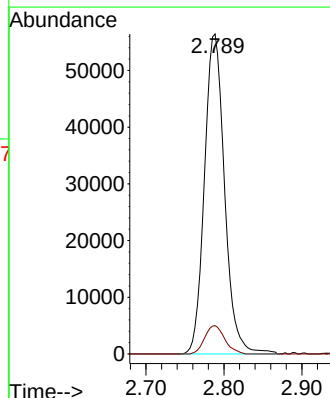
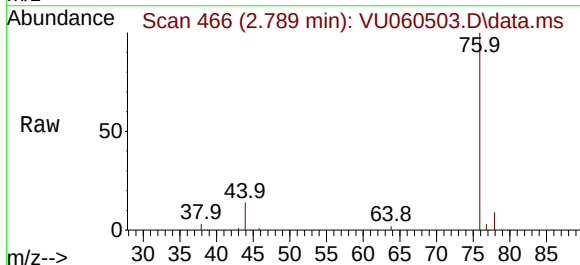
Acq: 22 Aug 2024 14:56

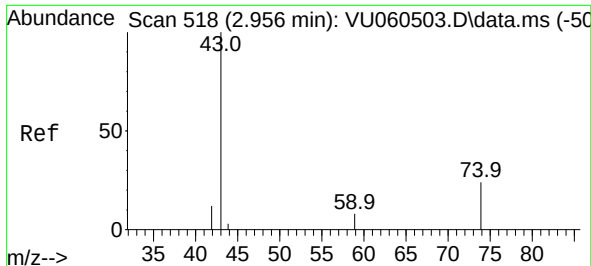
Tgt Ion: 76 Resp: 101304

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7





#15

Methyl Acetate

Concen: 6.110 ug/L

RT: 2.956 min Scan# 518

Delta R.T. 0.000 min

Lab File: VU060503.D

Acq: 22 Aug 2024 14:56

Instrument :

MSVOA_U

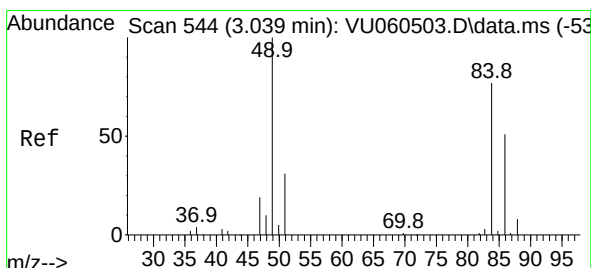
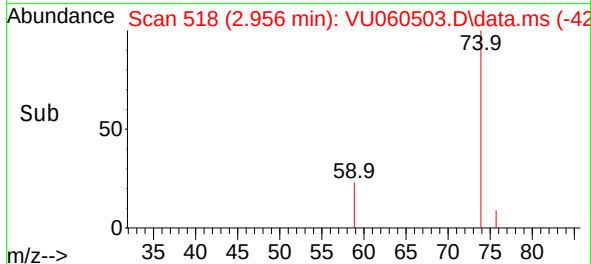
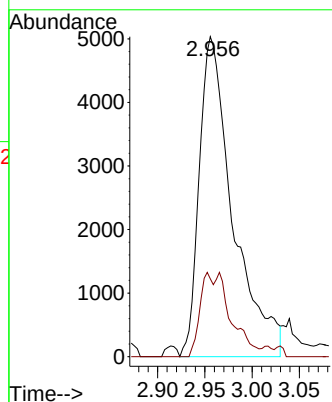
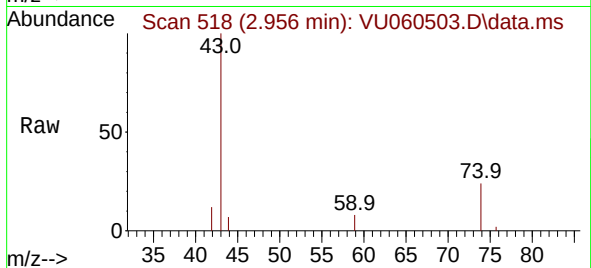
ClientSampleId :

Tgt Ion: 43 Resp: 12432

Ion Ratio Lower Upper

43 100

74 10.6 8.5 12.7



#16

Methylene chloride

Concen: 4.366 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

Lab File: VU060503.D

Acq: 22 Aug 2024 14:56

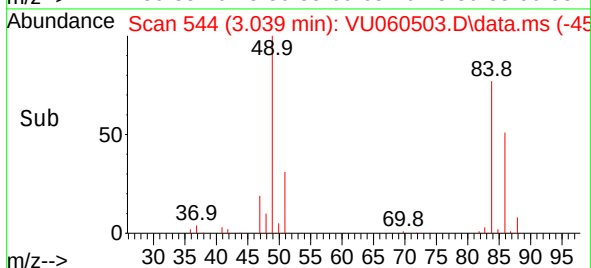
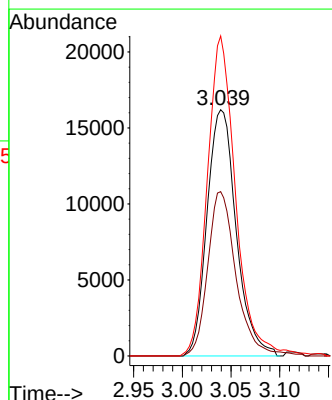
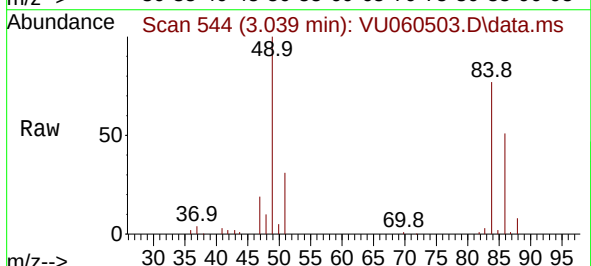
Tgt Ion: 84 Resp: 33759

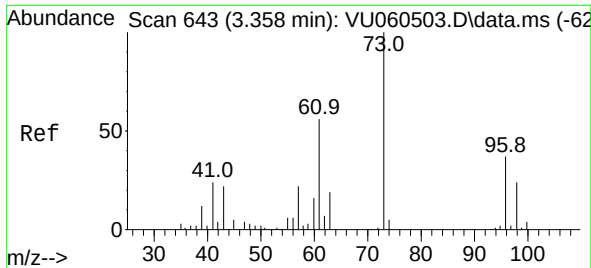
Ion Ratio Lower Upper

84 100

86 66.7 46.7 86.7

49 130.0 91.0 169.0

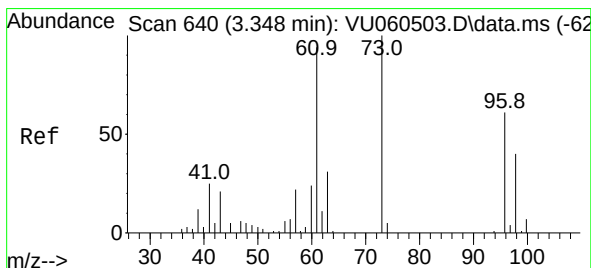
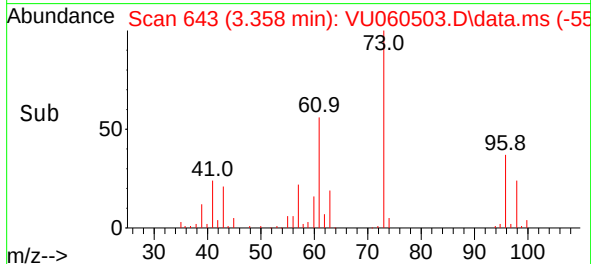
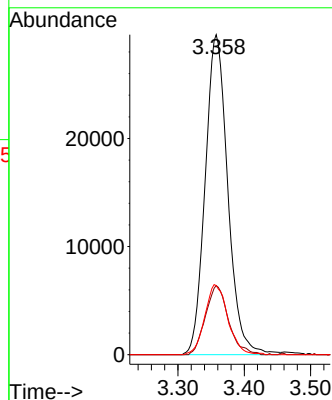
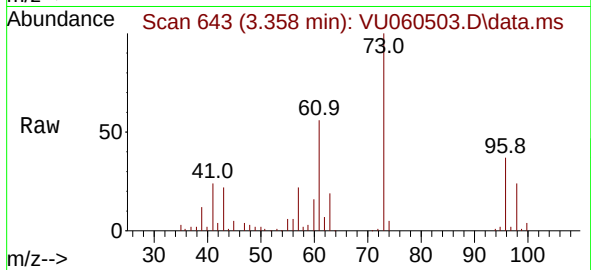




#17
Methyl tert-butyl Ether
Concen: 5.427 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU060503.D
Acq: 22 Aug 2024 14:56

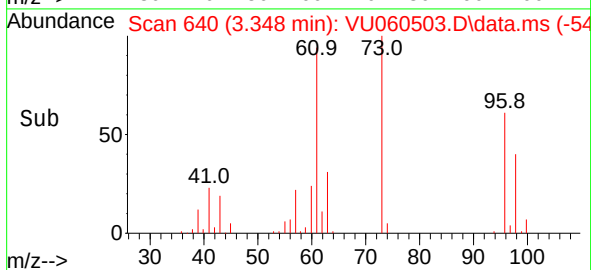
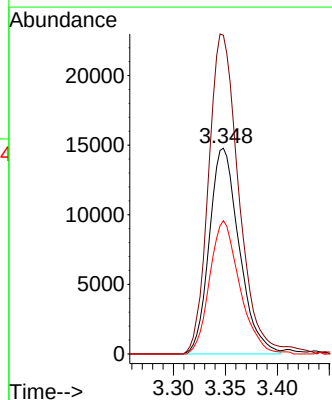
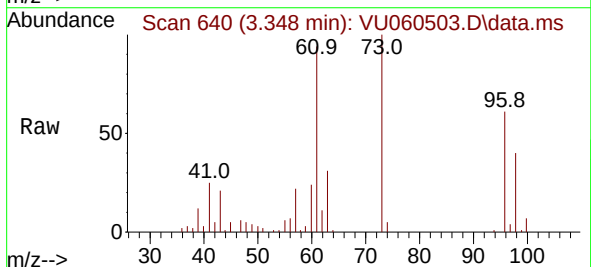
Instrument :
MSVOA_U
ClientSampleId :

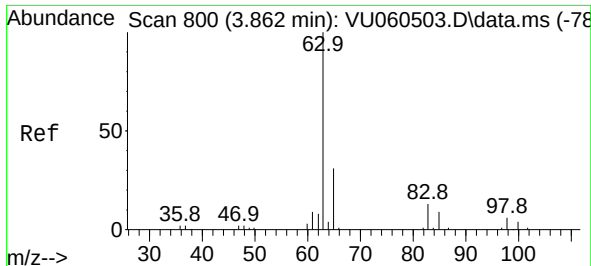
Tgt Ion: 73	Resp: 70105
Ion Ratio	Lower Upper
73	100
43	21.9 17.5 26.3
57	22.2 17.8 26.6



#18
trans-1,2-Dichloroethene
Concen: 5.520 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU060503.D
Acq: 22 Aug 2024 14:56

Tgt Ion: 96	Resp: 29609
Ion Ratio	Lower Upper
96	100
61	154.9 108.4 201.4
98	64.8 45.4 84.2

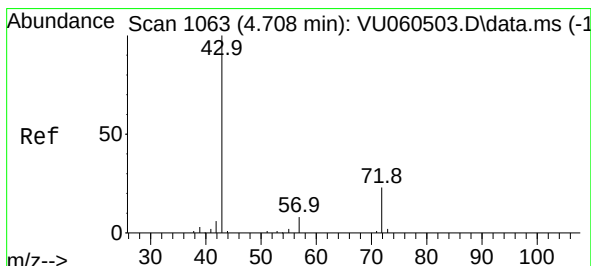
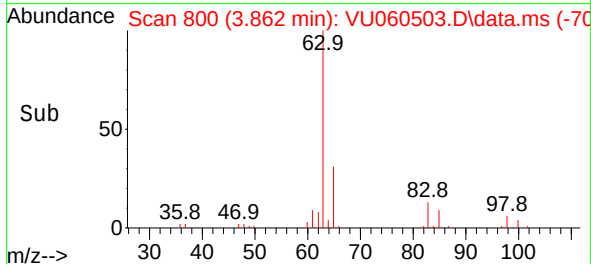
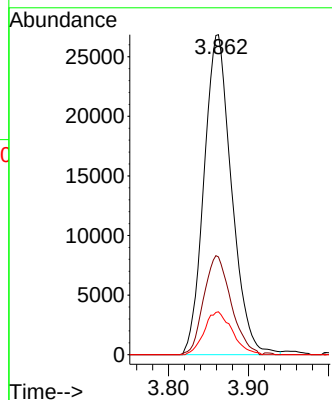
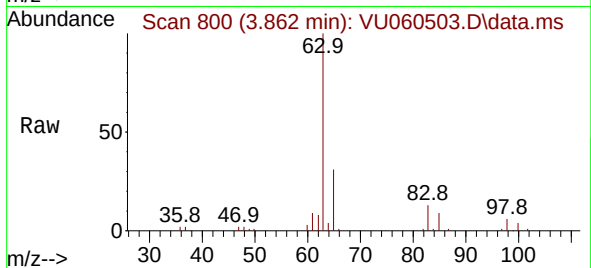




#19
1,1-Dichloroethane
Concen: 5.709 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU060503.D
Acq: 22 Aug 2024 14:56

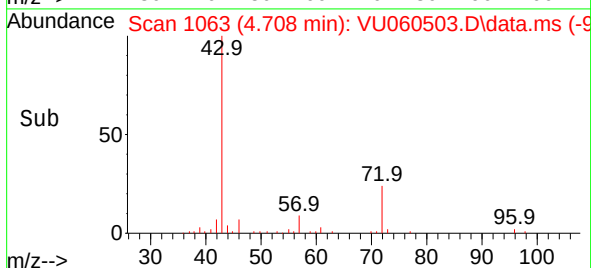
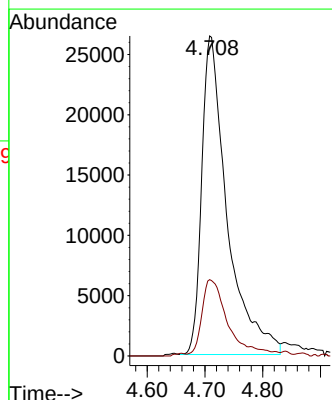
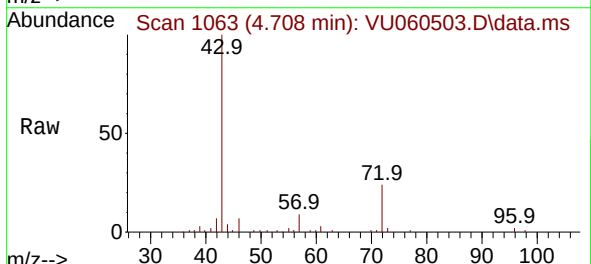
Instrument :
MSVOA_U
ClientSampleId :

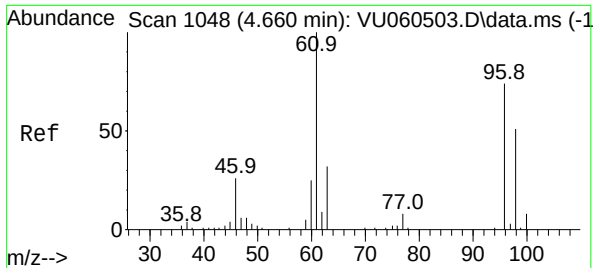
Tgt Ion: 63 Resp: 64315
Ion Ratio Lower Upper
63 100
65 30.6 21.4 39.8
83 13.4 9.4 17.4



#21
2-Butanone
Concen: 56.780 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VU060503.D
Acq: 22 Aug 2024 14:56

Tgt Ion: 43 Resp: 80653
Ion Ratio Lower Upper
43 100
72 24.5 12.3 36.8

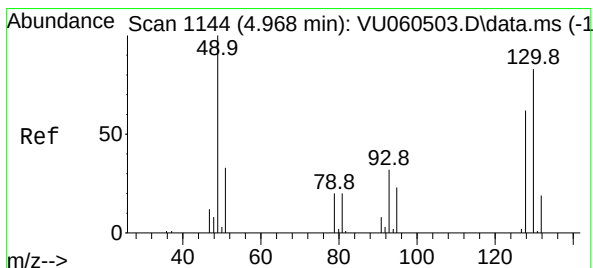
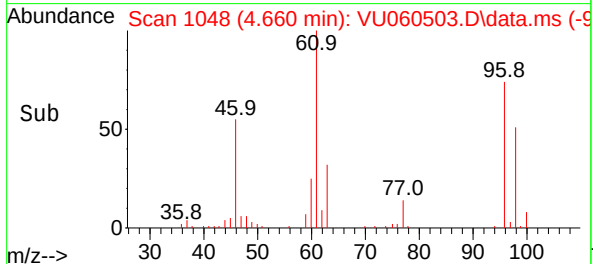
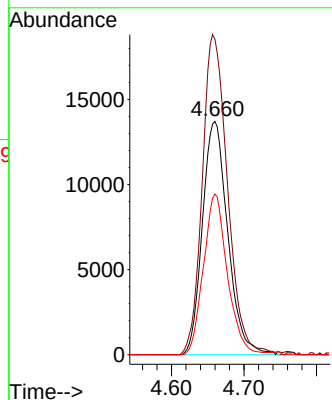
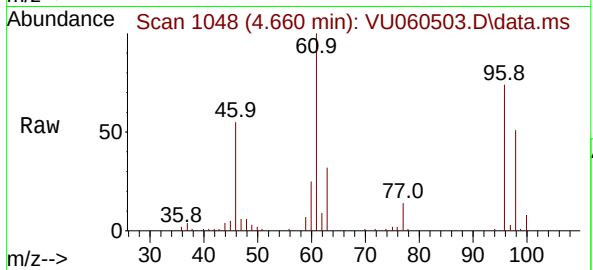




#22
 cis-1,2-Dichloroethene
 Concen: 5.198 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU060503.D
 Acq: 22 Aug 2024 14:56

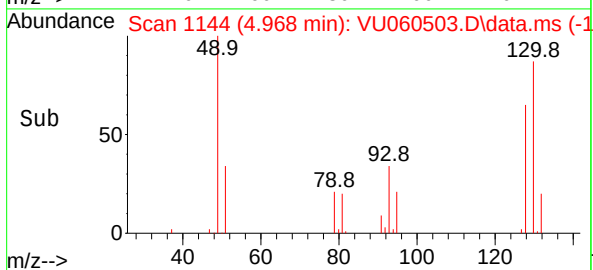
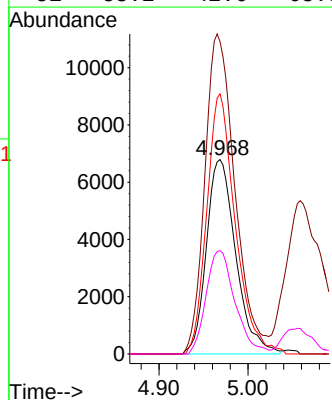
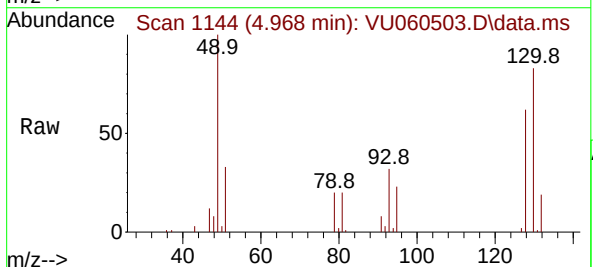
Instrument :
 MSVOA_U
 ClientSampleId :

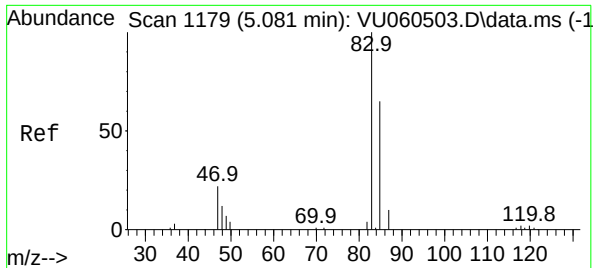
Tgt Ion: 96 Resp: 33336
 Ion Ratio Lower Upper
 96 100
 61 135.2 94.6 175.8
 98 68.9 48.2 89.6



#23
 Bromochloromethane
 Concen: 5.292 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU060503.D
 Acq: 22 Aug 2024 14:56

Tgt Ion: 128 Resp: 15560
 Ion Ratio Lower Upper
 128 100
 49 160.6 112.4 208.8
 130 133.8 93.7 173.9
 51 53.2 42.6 63.8

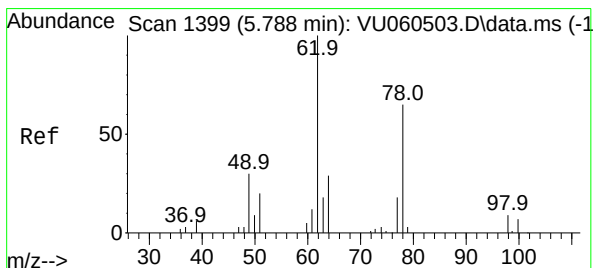
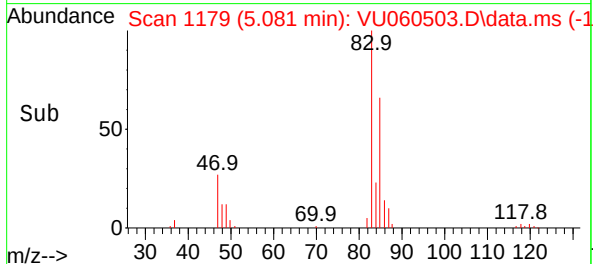
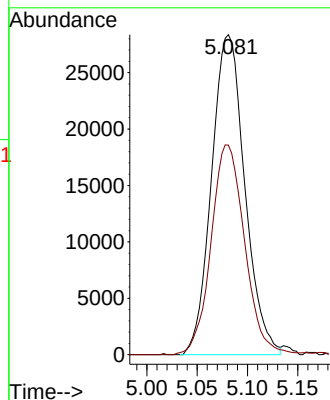
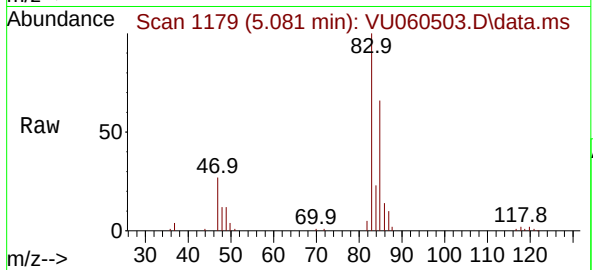




#25
Chloroform
Concen: 5.417 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VU060503.D
Acq: 22 Aug 2024 14:56

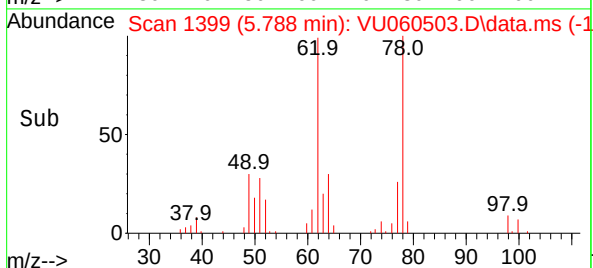
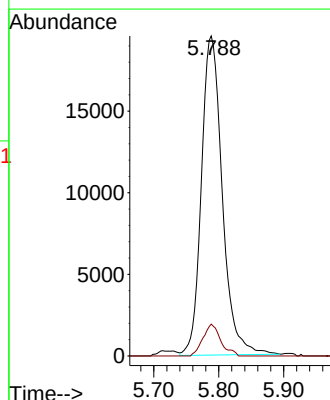
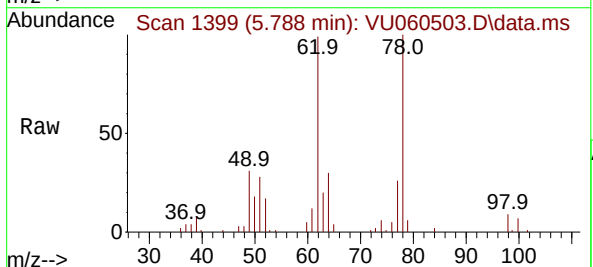
Instrument :
MSVOA_U
ClientSampleId :

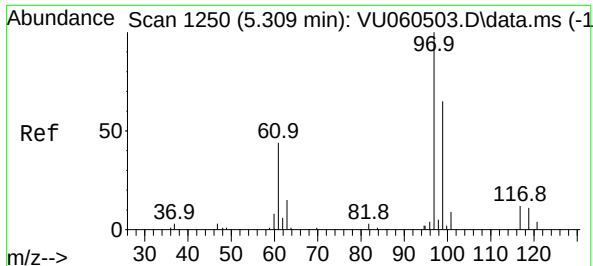
Tgt Ion: 83 Resp: 65337
Ion Ratio Lower Upper
83 100
85 65.5 45.8 85.2



#27
1,2-Dichloroethane
Concen: 6.486 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VU060503.D
Acq: 22 Aug 2024 14:56

Tgt Ion: 62 Resp: 43792
Ion Ratio Lower Upper
62 100
98 9.9 7.9 11.9

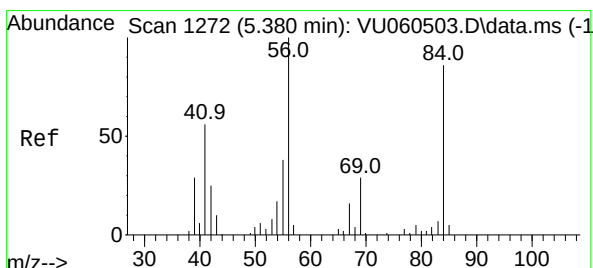
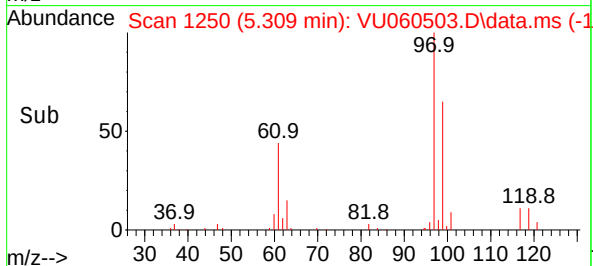
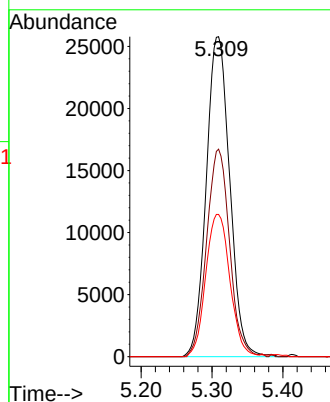
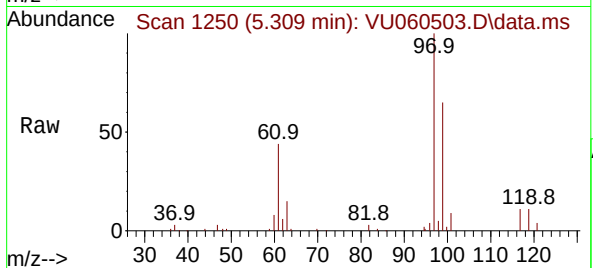




#29
1,1,1-Trichloroethane
Concen: 6.210 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.000 min
Lab File: VU060503.D
Acq: 22 Aug 2024 14:56

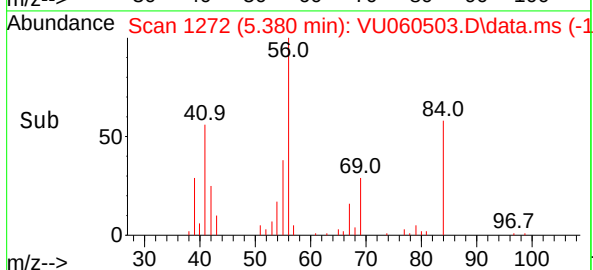
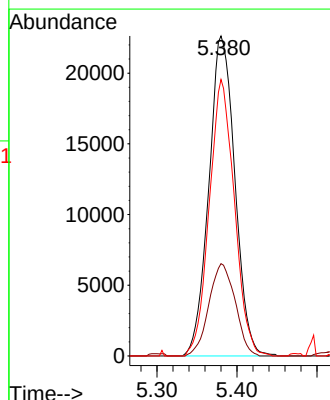
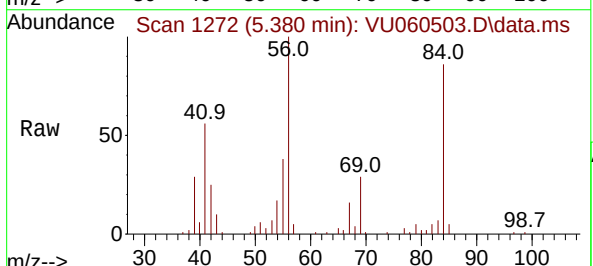
Instrument :
MSVOA_U
ClientSampleId :

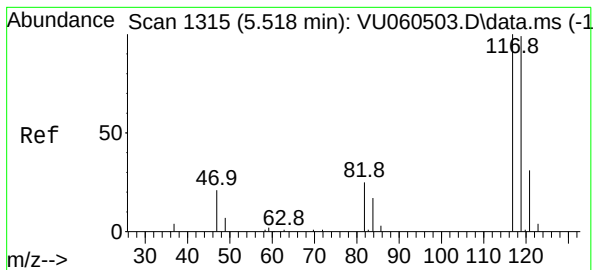
Tgt Ion:	97	Resp:	59375
Ion	Ratio	Lower	Upper
97	100		
99	63.5	50.8	76.2
61	45.8	36.6	55.0



#30
Cyclohexane
Concen: 6.480 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU060503.D
Acq: 22 Aug 2024 14:56

Tgt Ion:	56	Resp:	51251
Ion	Ratio	Lower	Upper
56	100		
69	29.1	23.3	34.9
84	83.2	66.6	99.8





#31

Carbon tetrachloride

Concen: 6.281 ug/L

RT: 5.518 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VU060503.D

Acq: 22 Aug 2024 14:56

Instrument :

MSVOA_U

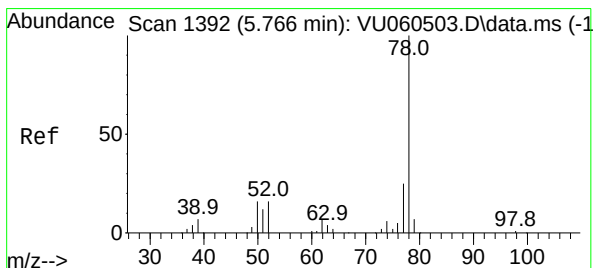
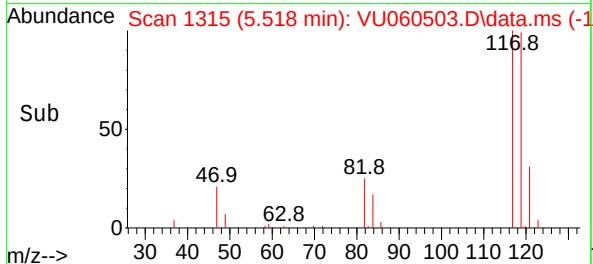
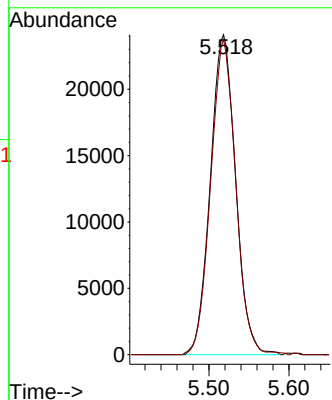
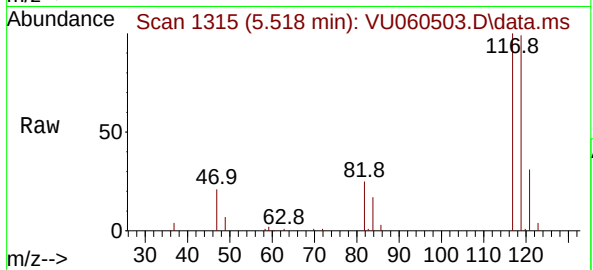
ClientSampleId :

Tgt Ion:117 Resp: 52977

Ion Ratio Lower Upper

117 100

119 97.2 77.8 116.6



#33

Benzene

Concen: 5.574 ug/L

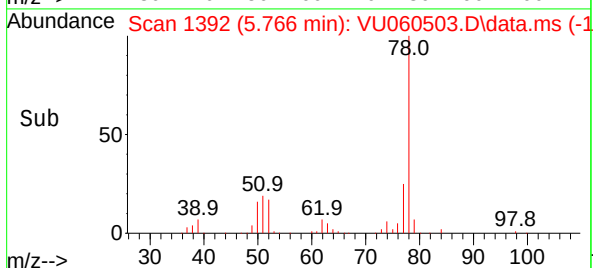
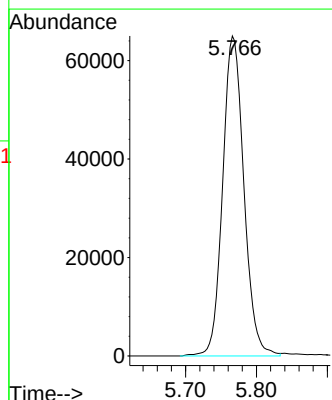
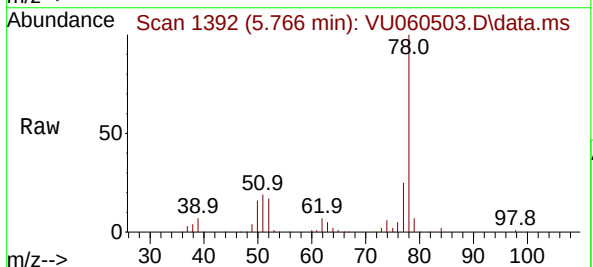
RT: 5.766 min Scan# 1392

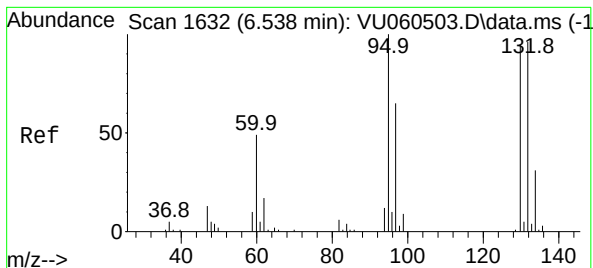
Delta R.T. 0.000 min

Lab File: VU060503.D

Acq: 22 Aug 2024 14:56

Tgt Ion: 78 Resp: 135305





#34

Trichloroethene

Concen: 5.650 ug/L

RT: 6.538 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU060503.D

Acq: 22 Aug 2024 14:56

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 36214

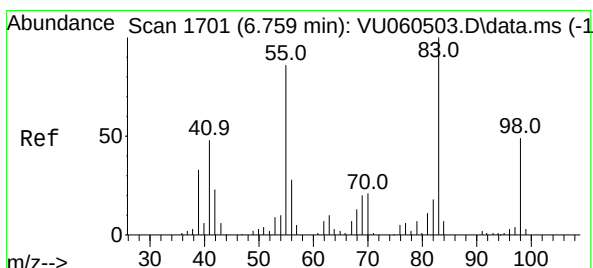
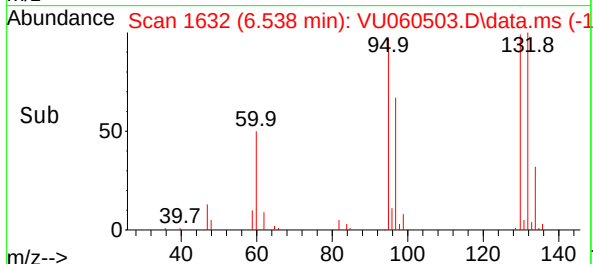
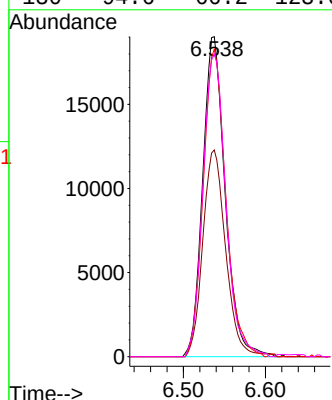
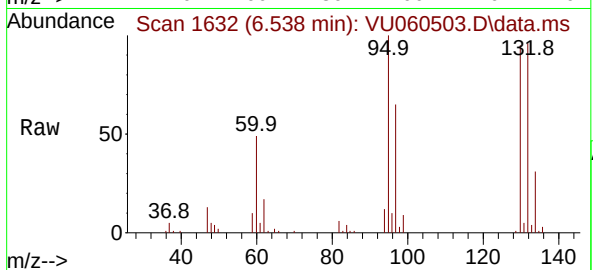
Ion Ratio Lower Upper

95 100

97 64.6 45.2 84.0

132 96.0 67.2 124.8

130 94.6 66.2 123.0



#35

Methylcyclohexane

Concen: 5.971 ug/L

RT: 6.759 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VU060503.D

Acq: 22 Aug 2024 14:56

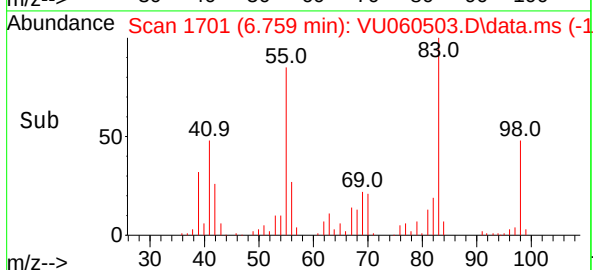
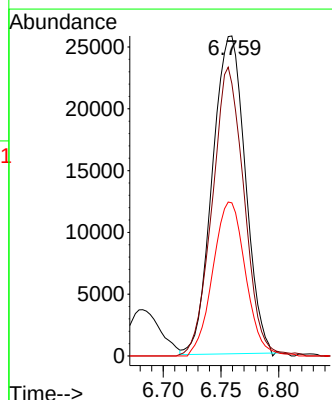
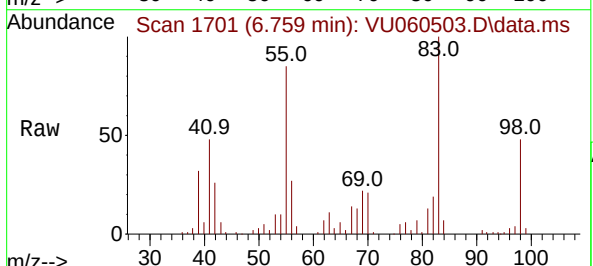
Tgt Ion: 83 Resp: 50993

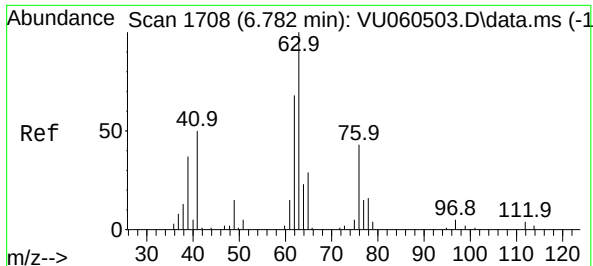
Ion Ratio Lower Upper

83 100

55 88.1 70.5 105.7

98 48.1 38.5 57.7

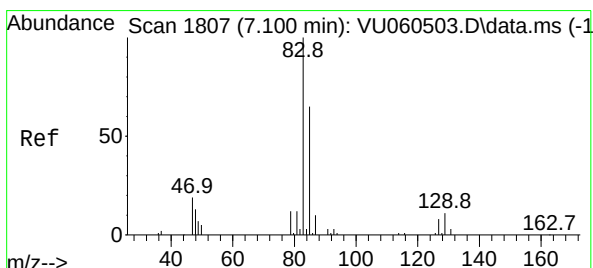
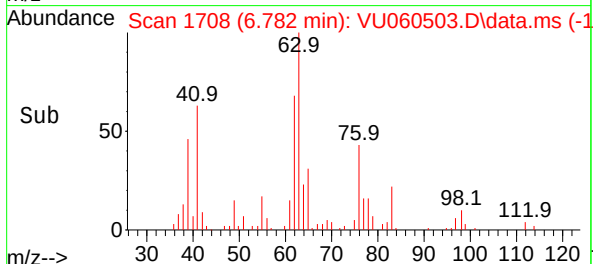
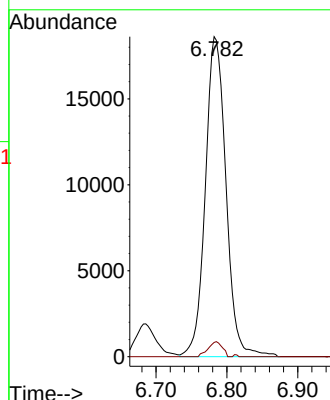
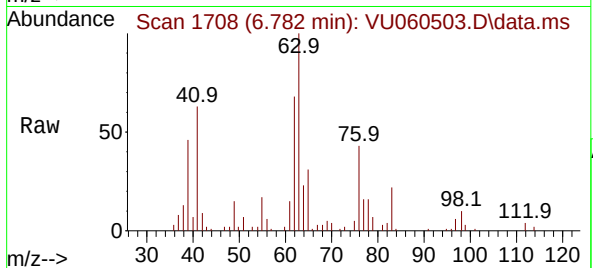




#37
1,2-Dichloropropane
Concen: 5.687 ug/L
RT: 6.782 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VU060503.D
Acq: 22 Aug 2024 14:56

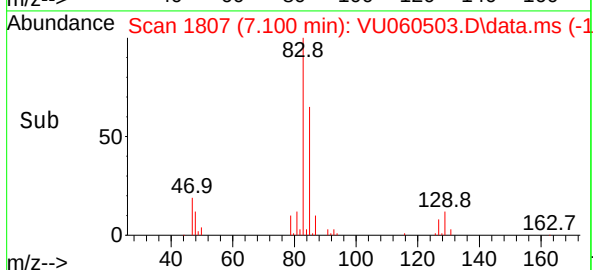
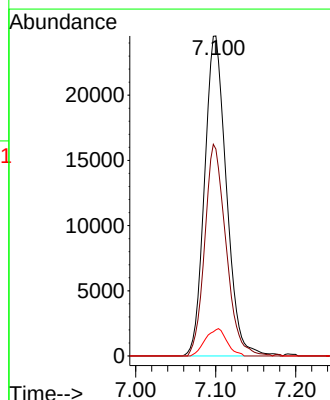
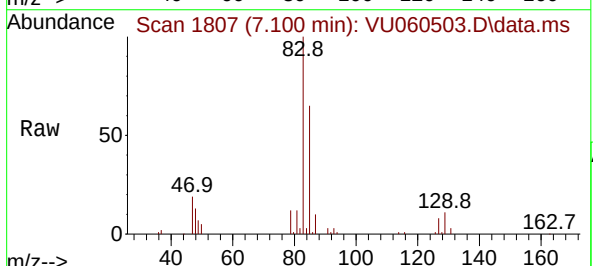
Instrument :
MSVOA_U
ClientSampleId :

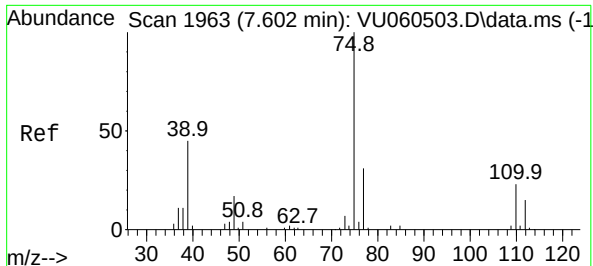
Tgt Ion: 63 Resp: 37770
Ion Ratio Lower Upper
63 100
112 3.2 2.6 3.8



#38
Bromodichloromethane
Concen: 5.674 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU060503.D
Acq: 22 Aug 2024 14:56

Tgt Ion: 83 Resp: 46623
Ion Ratio Lower Upper
83 100
85 64.6 45.2 84.0
127 8.1 6.5 9.7

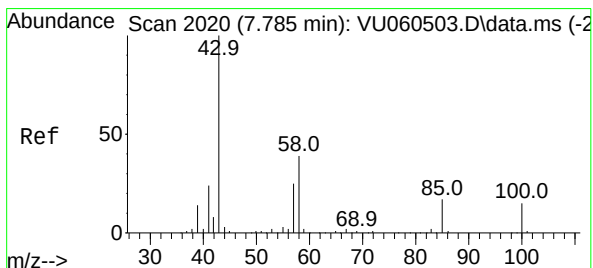
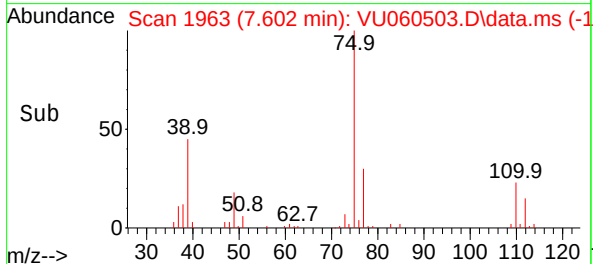
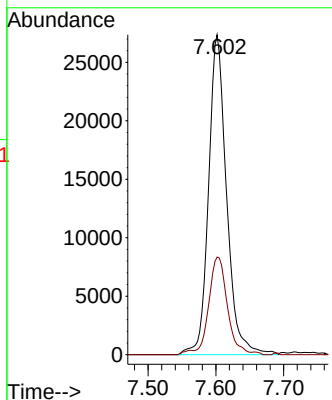
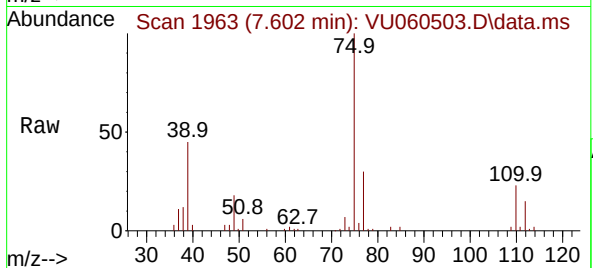




#39
 cis-1,3-Dichloropropene
 Concen: 5.596 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU060503.D
 Acq: 22 Aug 2024 14:56

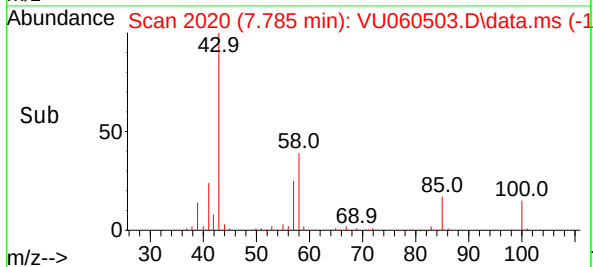
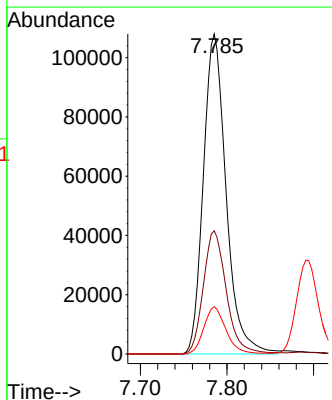
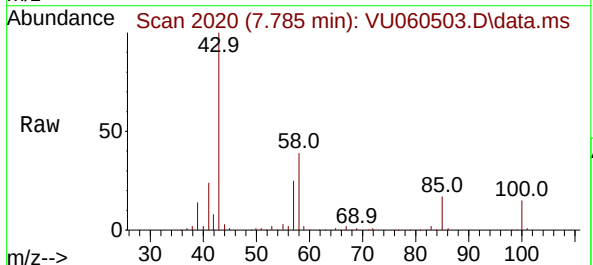
Instrument :
 MSVOA_U
 ClientSampleId :

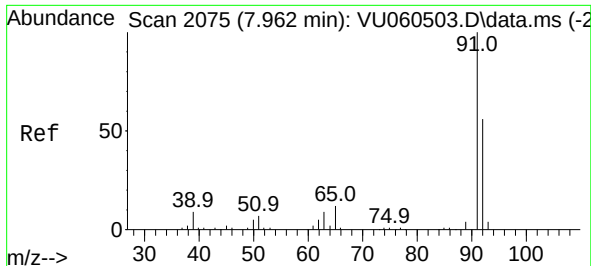
Tgt Ion: 75 Resp: 50568
 Ion Ratio Lower Upper
 75 100
 77 30.5 21.3 39.6



#40
 4-Methyl-2-pentanone
 Concen: 62.435 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.000 min
 Lab File: VU060503.D
 Acq: 22 Aug 2024 14:56

Tgt Ion: 43 Resp: 197292
 Ion Ratio Lower Upper
 43 100
 58 39.0 31.2 46.8
 100 14.4 11.5 17.3





#42

Toluene

Concen: 5.795 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU060503.D

Acq: 22 Aug 2024 14:56

Instrument :

MSVOA_U

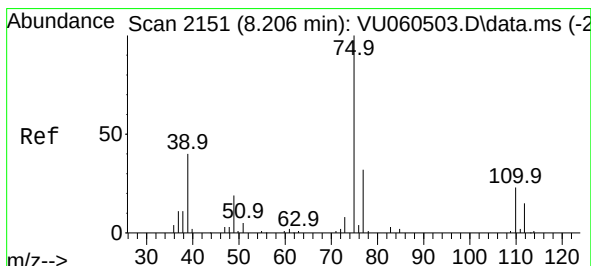
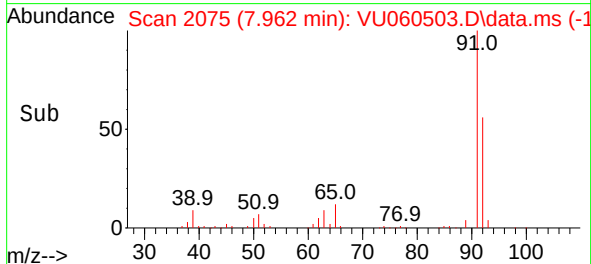
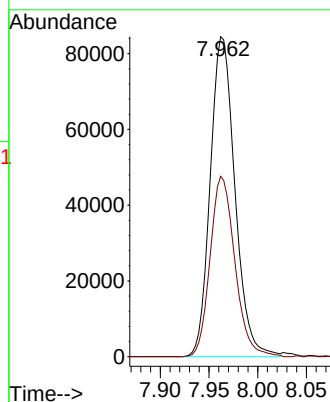
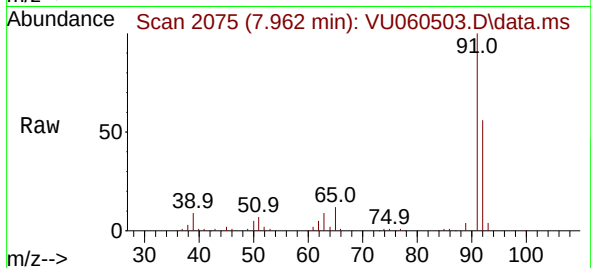
ClientSampleId :

Tgt Ion: 91 Resp: 148978

Ion Ratio Lower Upper

91 100

92 56.4 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 5.862 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU060503.D

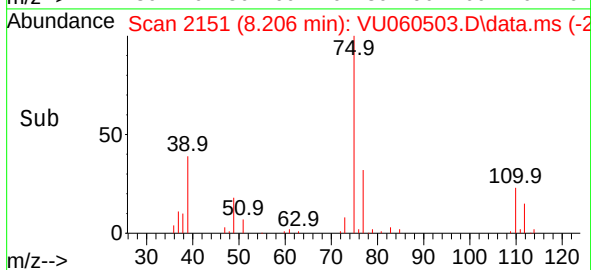
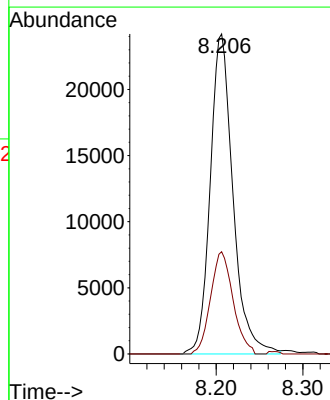
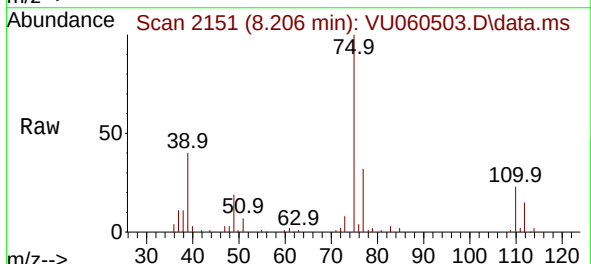
Acq: 22 Aug 2024 14:56

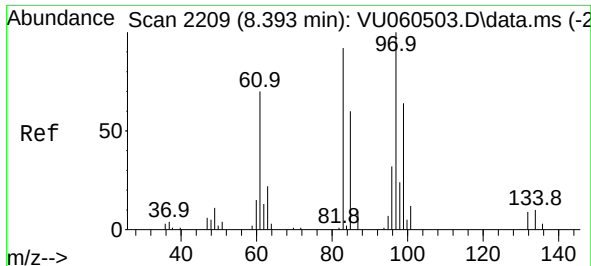
Tgt Ion: 75 Resp: 44056

Ion Ratio Lower Upper

75 100

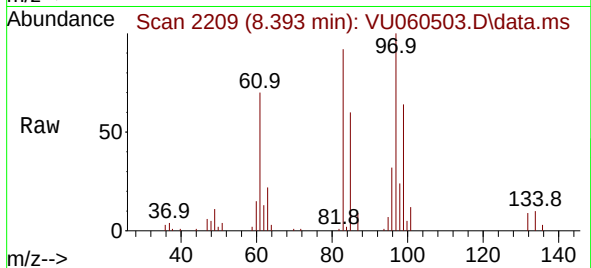
77 32.0 22.4 41.6



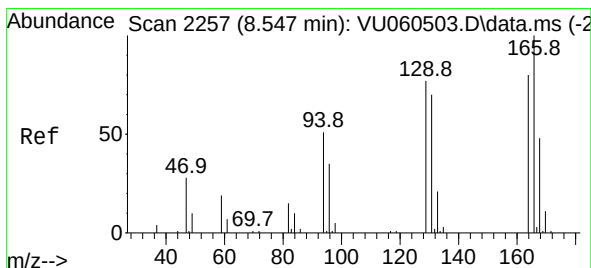
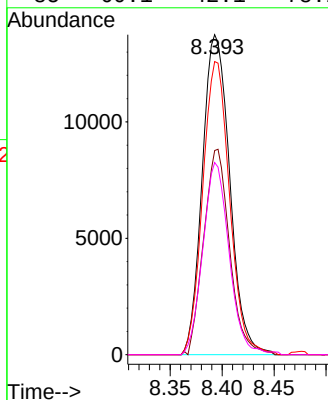
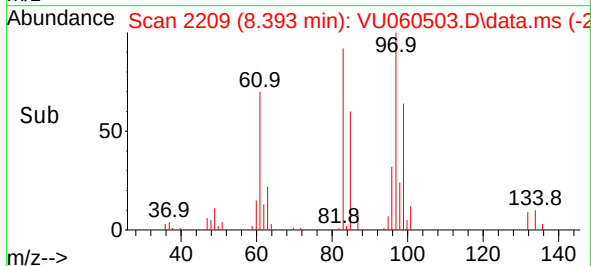


#45
1,1,2-Trichloroethane
Concen: 5.094 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU060503.D
Acq: 22 Aug 2024 14:56

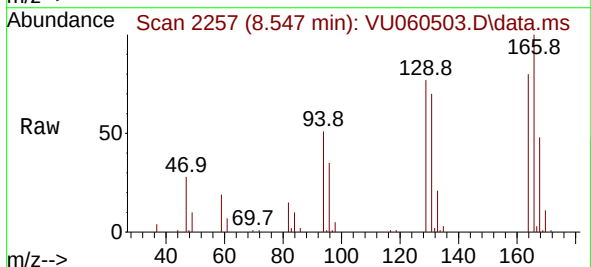
Instrument :
MSVOA_U
ClientSampleId :



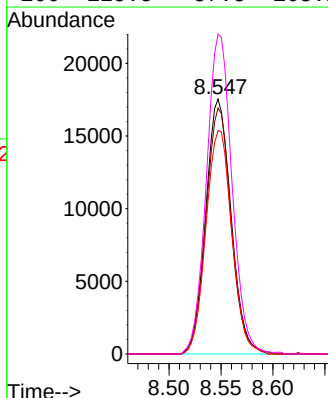
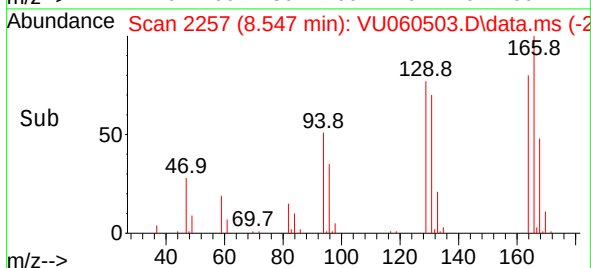
Tgt Ion:	97	Resp:	25306
Ion	Ratio	Lower	Upper
97	100		
99	63.8	44.7	82.9
83	91.6	64.1	119.1
85	60.1	42.1	78.1

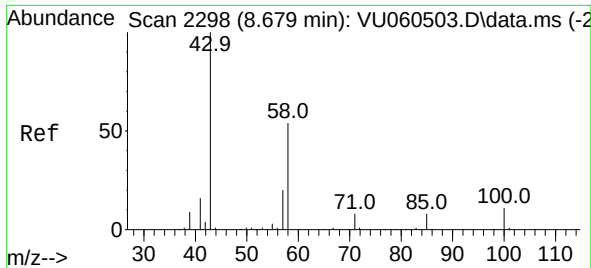


#47
Tetrachloroethene
Concen: 5.889 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU060503.D
Acq: 22 Aug 2024 14:56



Tgt Ion:	164	Resp:	29810
Ion	Ratio	Lower	Upper
164	100		
129	96.5	67.5	125.4
131	87.7	61.4	114.0
166	125.5	87.8	163.2

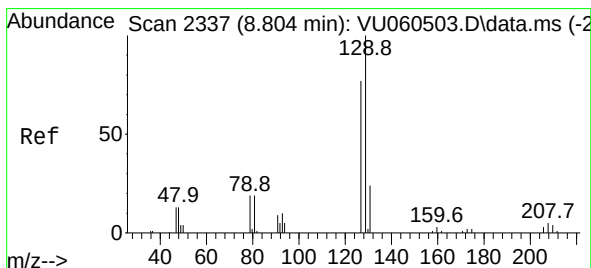
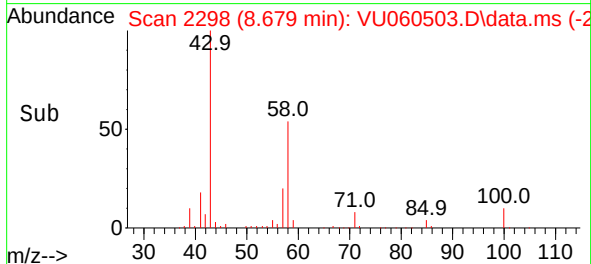
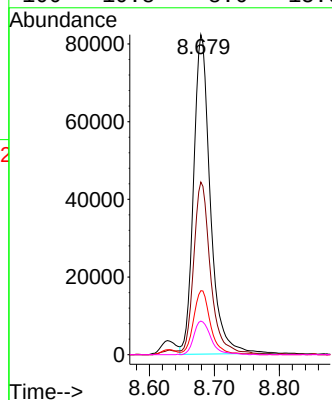
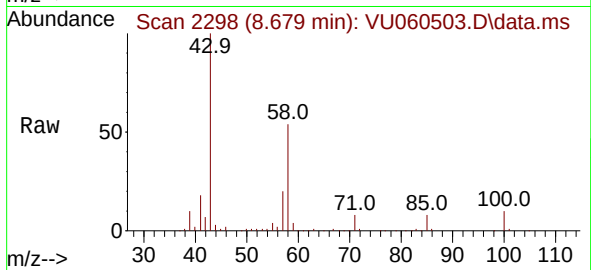




#48
2-Hexanone
Concen: 62.208 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VU060503.D
Acq: 22 Aug 2024 14:56

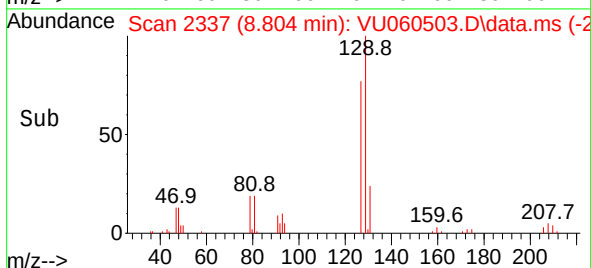
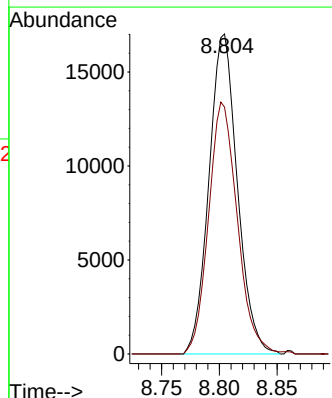
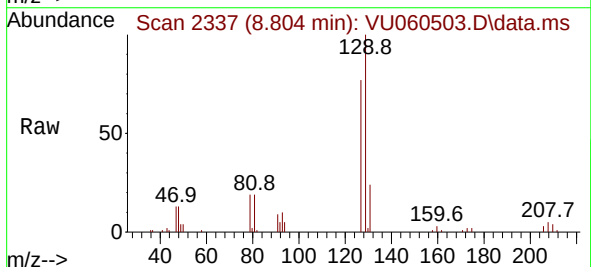
Instrument :
MSVOA_U
ClientSampleId :

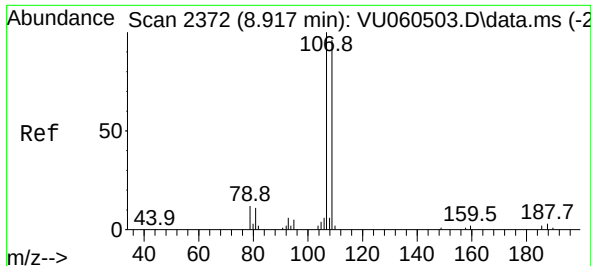
Tgt Ion: 43 Resp: 147464
Ion Ratio Lower Upper
43 100
58 53.7 43.0 64.4
57 20.5 16.4 24.6
100 10.8 8.6 13.0



#49
Dibromochloromethane
Concen: 5.486 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU060503.D
Acq: 22 Aug 2024 14:56

Tgt Ion: 129 Resp: 29144
Ion Ratio Lower Upper
129 100
127 77.2 54.0 100.4





#50

1,2-Dibromoethane

Concen: 5.288 ug/L

RT: 8.917 min Scan# 2372

Delta R.T. 0.000 min

Lab File: VU060503.D

Acq: 22 Aug 2024 14:56

Instrument :

MSVOA_U

ClientSampleId :

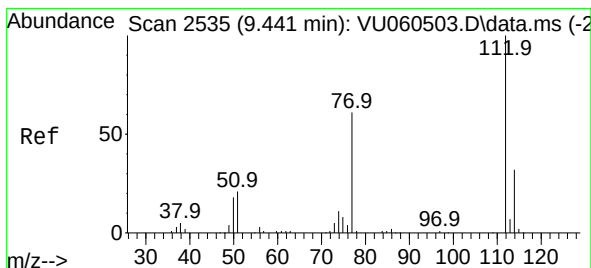
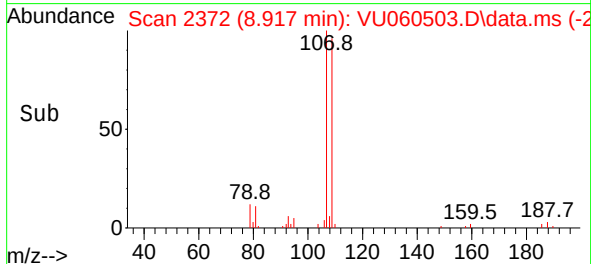
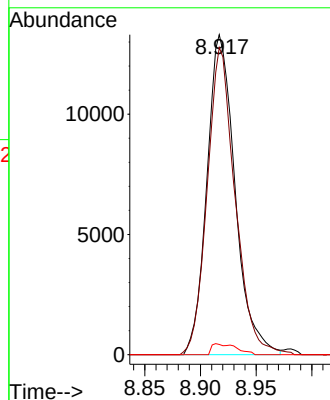
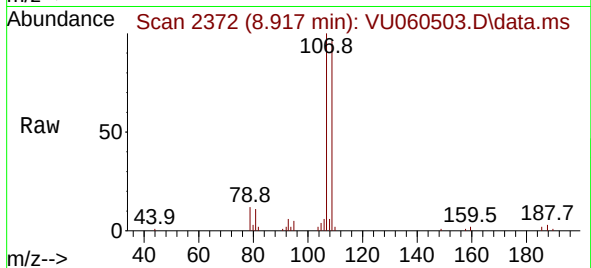
Tgt Ion:107 Resp: 23416

Ion Ratio Lower Upper

107 100

109 96.0 67.2 124.8

188 3.2 2.6 3.8



#51

Chlorobenzene

Concen: 5.370 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.000 min

Lab File: VU060503.D

Acq: 22 Aug 2024 14:56

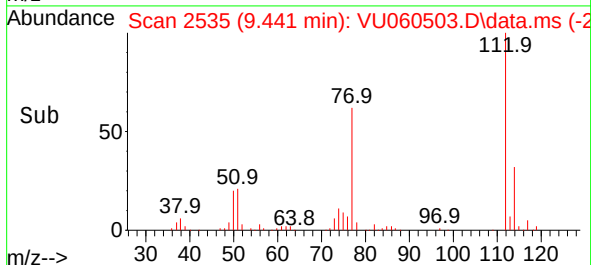
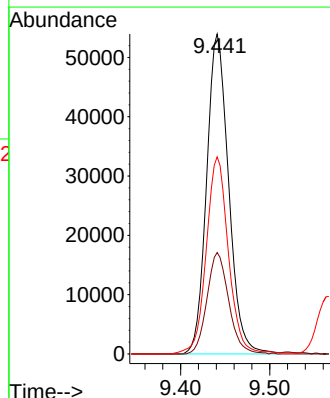
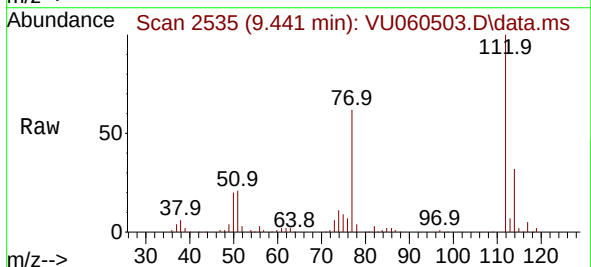
Tgt Ion:112 Resp: 92590

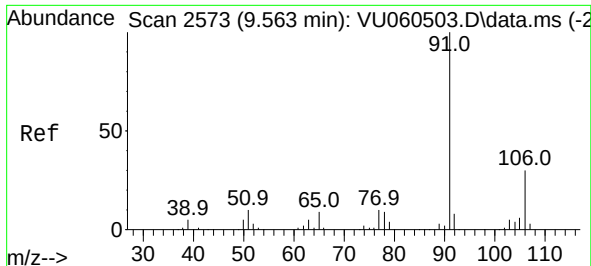
Ion Ratio Lower Upper

112 100

114 31.7 22.2 41.2

77 61.6 49.3 73.9

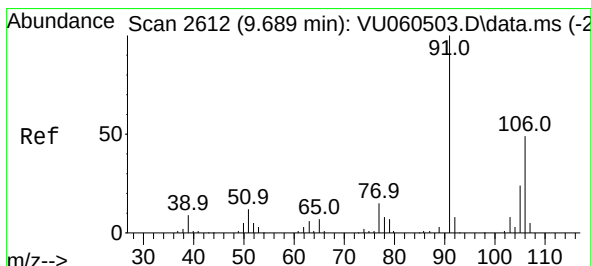
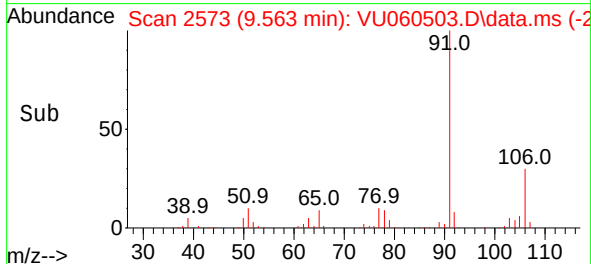
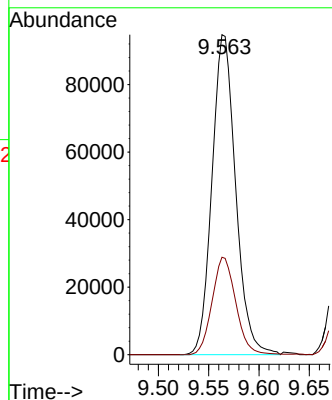
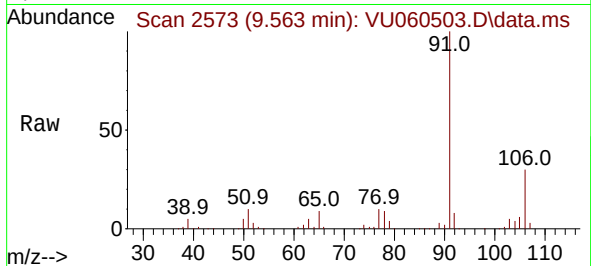




#52
Ethylbenzene
Concen: 5.692 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU060503.D
Acq: 22 Aug 2024 14:56

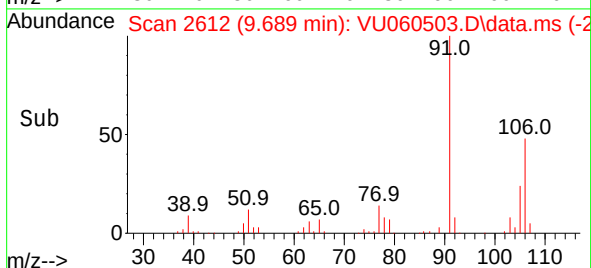
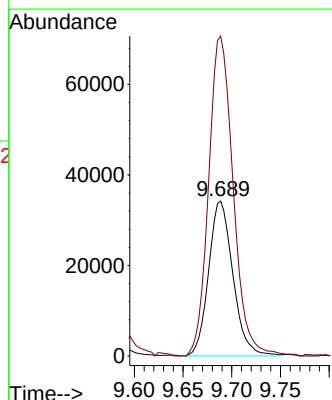
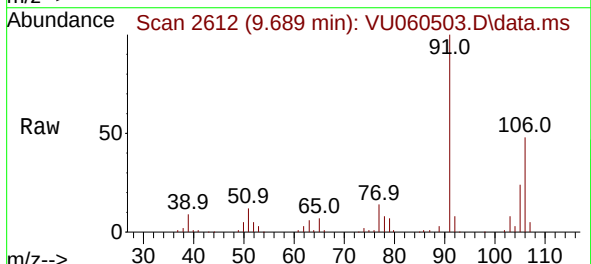
Instrument :
MSVOA_U
ClientSampleId :

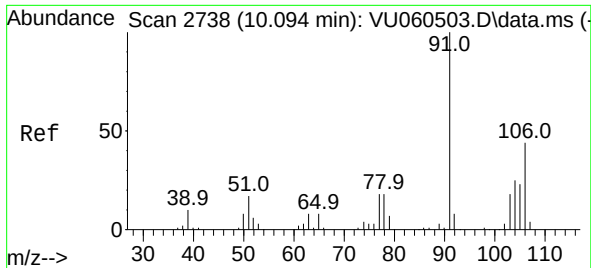
Tgt Ion: 91 Resp: 155129
Ion Ratio Lower Upper
91 100
106 30.5 21.3 39.6



#53
m,p-Xylene
Concen: 5.760 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU060503.D
Acq: 22 Aug 2024 14:56

Tgt Ion: 106 Resp: 59378
Ion Ratio Lower Upper
106 100
91 206.5 144.5 268.4

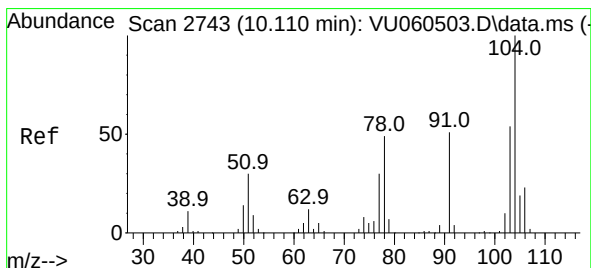
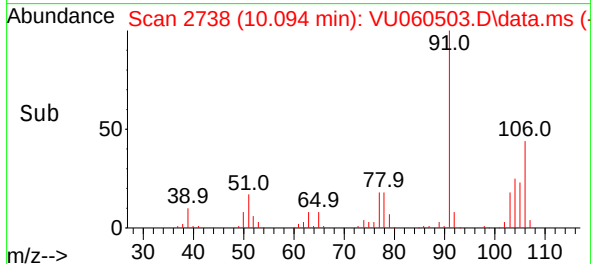
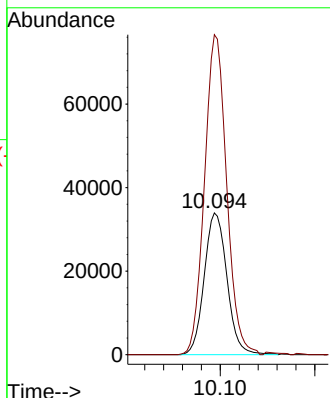
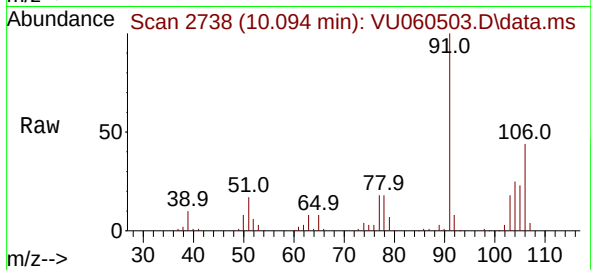




#54
o-Xylene
Concen: 5.767 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU060503.D
Acq: 22 Aug 2024 14:56

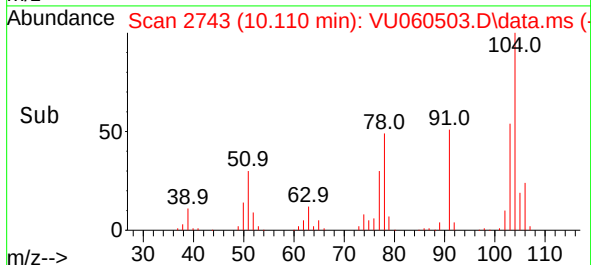
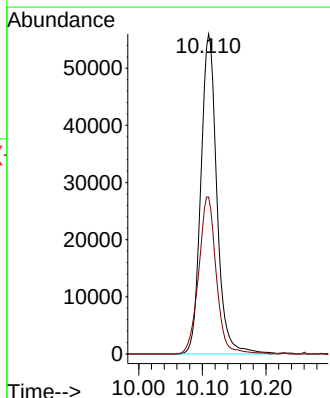
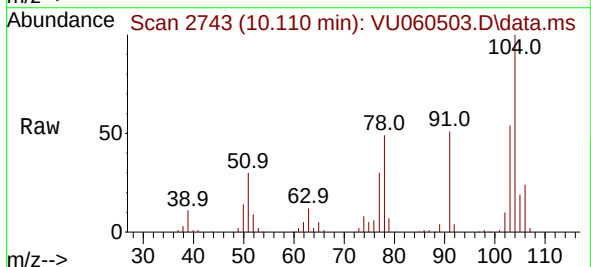
Instrument :
MSVOA_U
ClientSampleId :

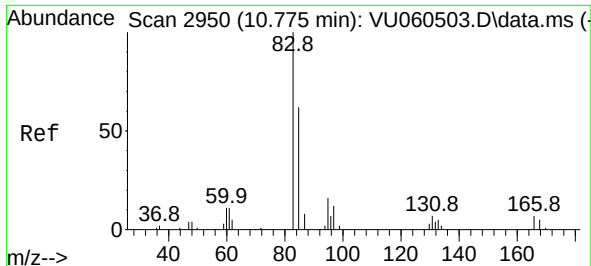
Tgt Ion:106 Resp: 56695
Ion Ratio Lower Upper
106 100
91 225.7 158.0 293.4



#55
Styrene
Concen: 5.777 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU060503.D
Acq: 22 Aug 2024 14:56

Tgt Ion:104 Resp: 97966
Ion Ratio Lower Upper
104 100
78 49.1 34.4 63.8





#57

1,1,2,2-Tetrachloroethane

Concen: 4.974 ug/L

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU060503.D

Acq: 22 Aug 2024 14:56

Instrument :

MSVOA_U

ClientSampleId :

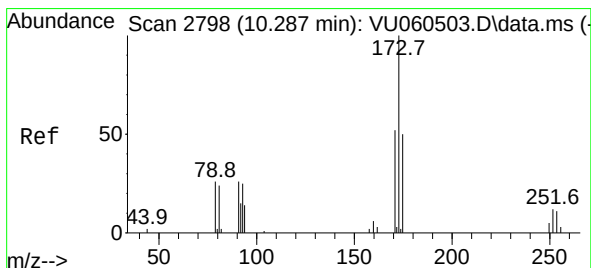
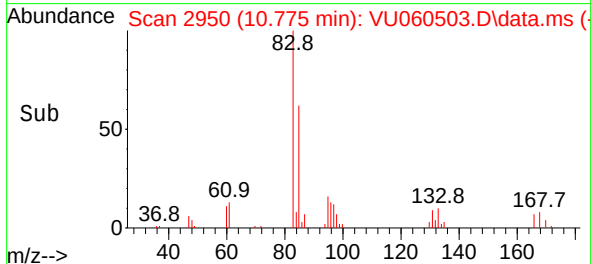
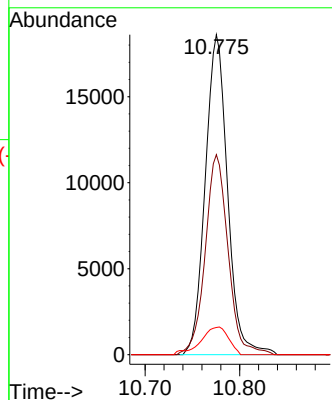
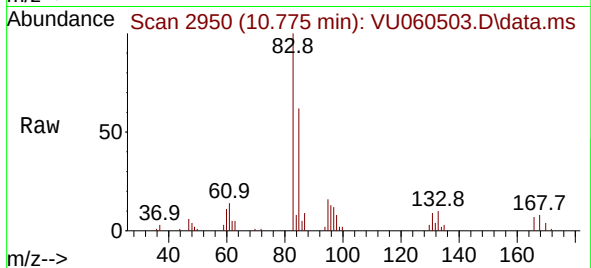
Tgt Ion: 83 Resp: 30481

Ion Ratio Lower Upper

83 100

85 62.5 43.8 81.3

131 8.5 6.8 10.2



#59

Bromoform

Concen: 4.260 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. 0.000 min

Lab File: VU060503.D

Acq: 22 Aug 2024 14:56

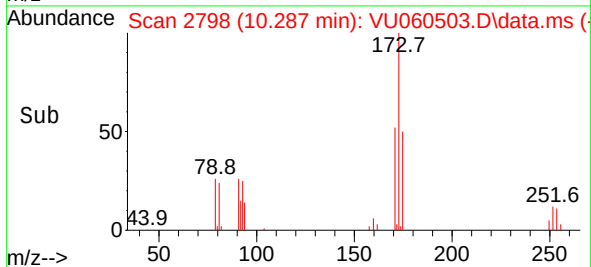
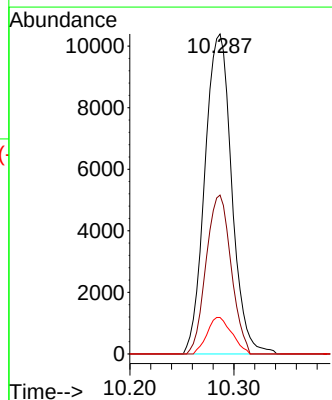
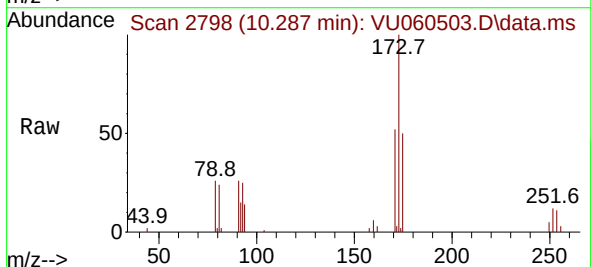
Tgt Ion:173 Resp: 18644

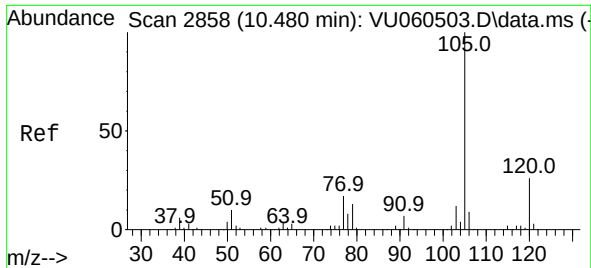
Ion Ratio Lower Upper

173 100

175 46.1 36.9 55.3

254 10.5 8.4 12.6

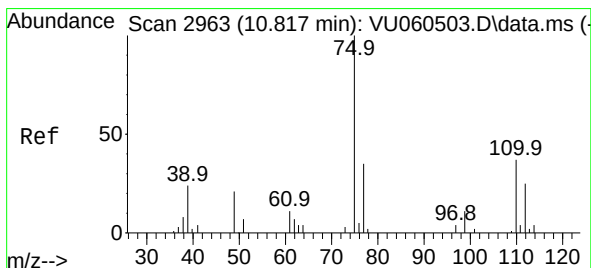
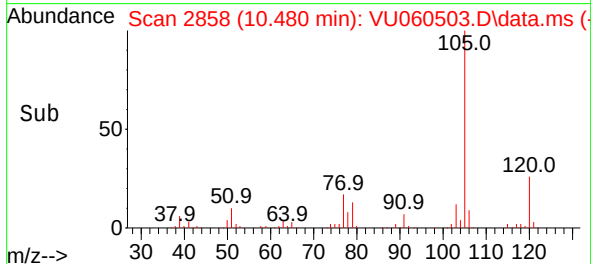
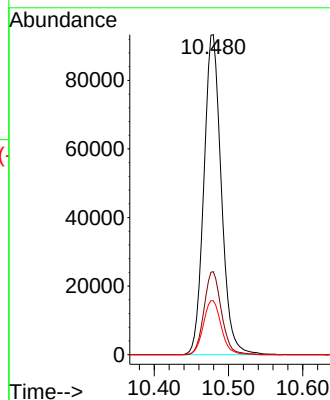
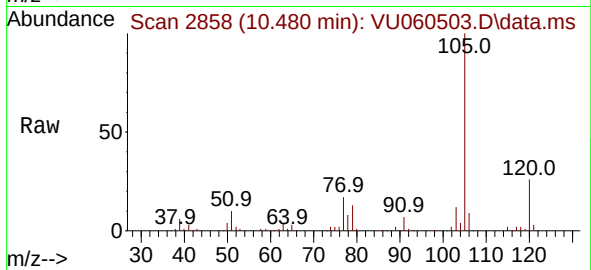




#60
Isopropylbenzene
Concen: 4.354 ug/L
RT: 10.480 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU060503.D
Acq: 22 Aug 2024 14:56

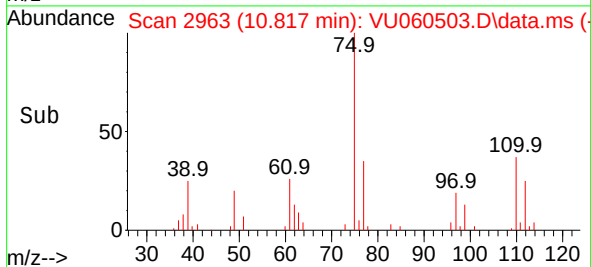
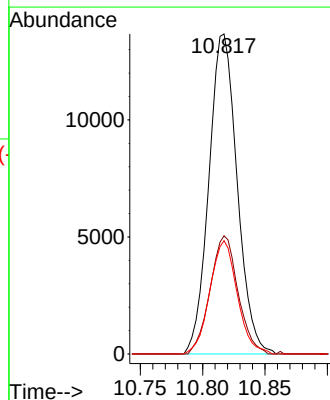
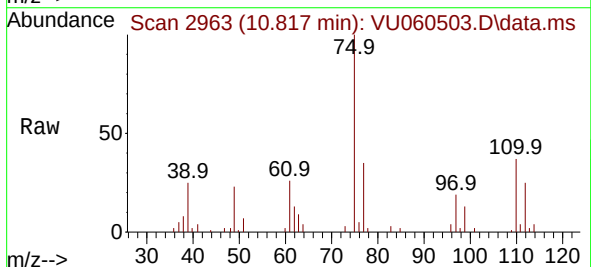
Instrument :
MSVOA_U
ClientSampleId :

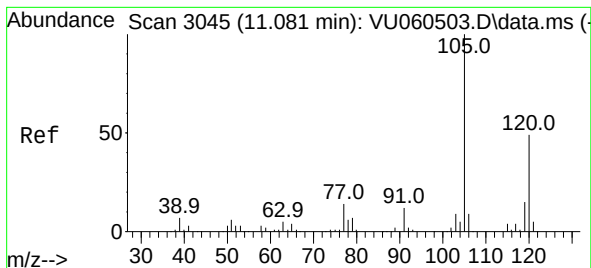
Tgt Ion:105 Resp: 152051
Ion Ratio Lower Upper
105 100
120 25.8 20.6 31.0
77 17.4 13.9 20.9



#61
1,2,3-Trichloropropane
Concen: 3.912 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU060503.D
Acq: 22 Aug 2024 14:56

Tgt Ion: 75 Resp: 21605
Ion Ratio Lower Upper
75 100
110 36.4 29.1 43.7
77 34.4 27.5 41.3





#62

1,3,5-Trimethylbenzene

Concen: 4.379 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU060503.D

Acq: 22 Aug 2024 14:56

Instrument :

MSVOA_U

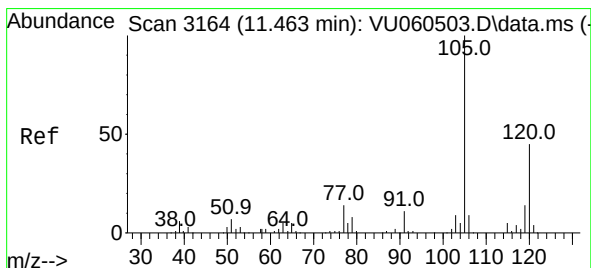
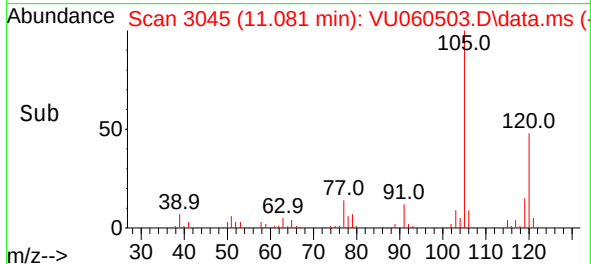
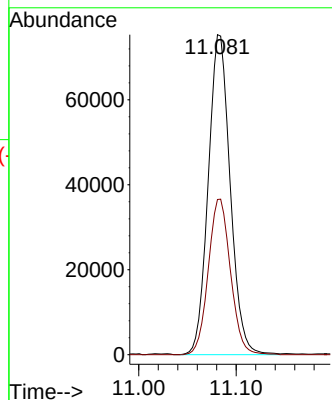
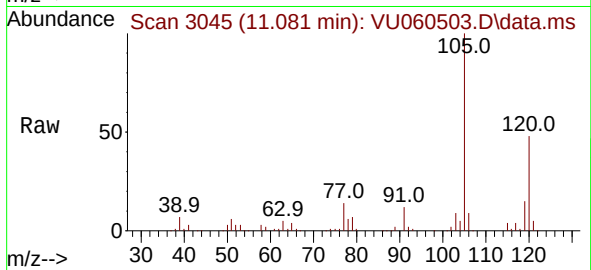
ClientSampleId :

Tgt Ion:105 Resp: 117911

Ion Ratio Lower Upper

105 100

120 49.2 39.4 59.0



#63

1,2,4-Trimethylbenzene

Concen: 5.423 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU060503.D

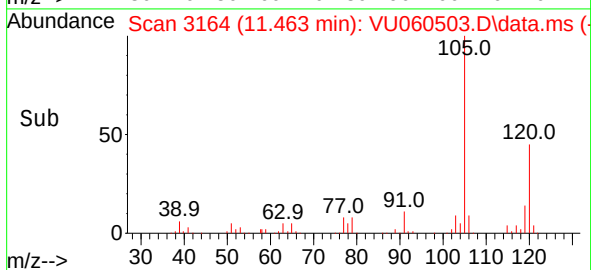
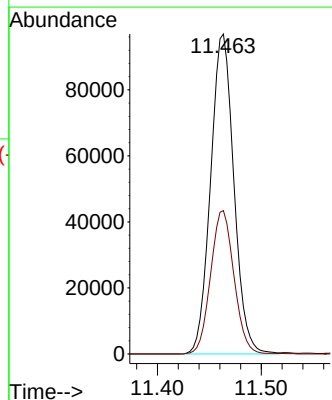
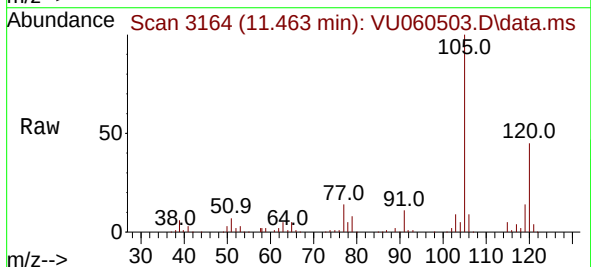
Acq: 22 Aug 2024 14:56

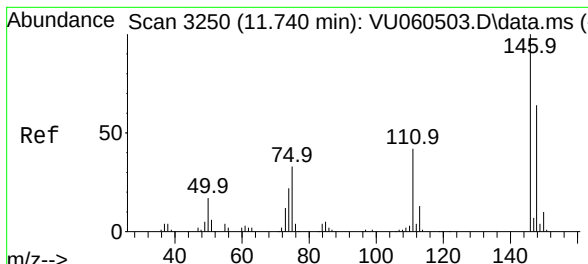
Tgt Ion:105 Resp: 150877

Ion Ratio Lower Upper

105 100

120 45.0 36.0 54.0

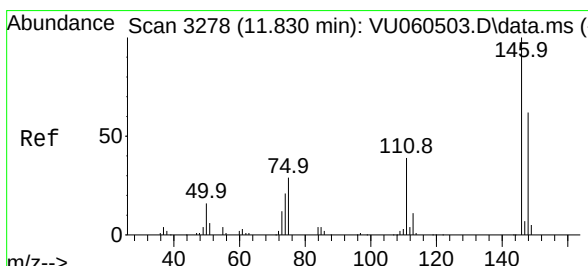
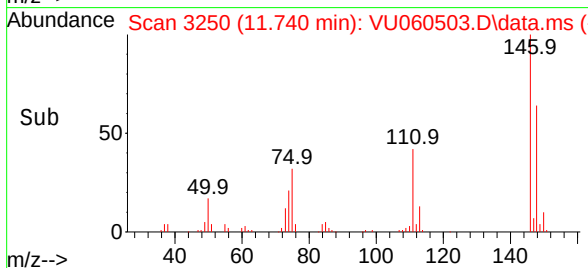
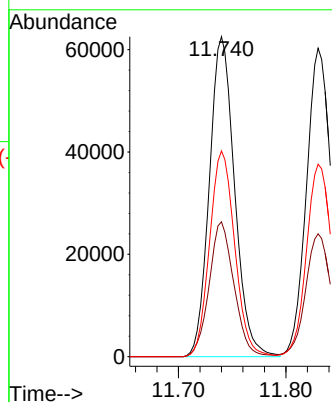
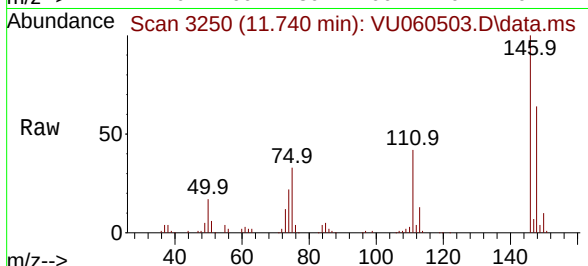




#64
 1,3-Dichlorobenzene
 Concen: 5.423 ug/L
 RT: 11.740 min Scan# 3250
 Delta R.T. 0.000 min
 Lab File: VU060503.D
 Acq: 22 Aug 2024 14:56

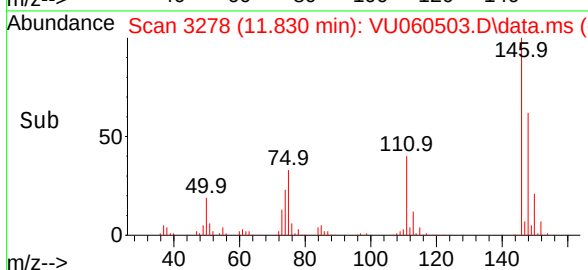
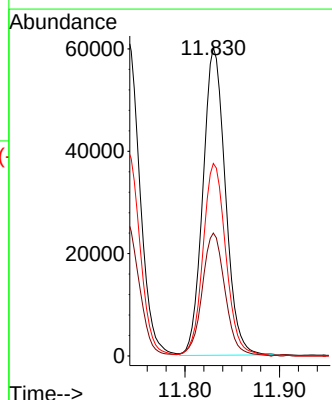
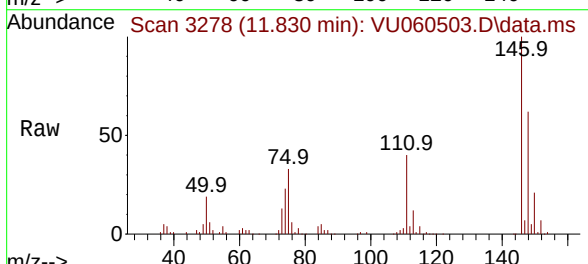
Instrument :
 MSVOA_U
 ClientSampleId :

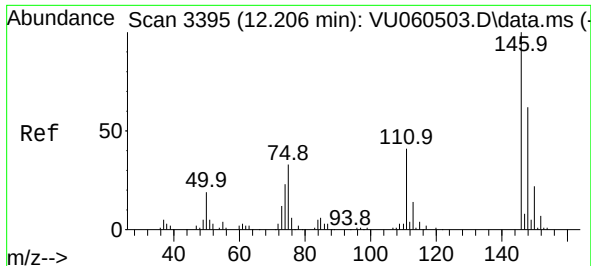
Tgt Ion:146 Resp: 101839
 Ion Ratio Lower Upper
 146 100
 111 42.2 29.5 54.9
 148 64.3 45.0 83.6



#65
 1,4-Dichlorobenzene
 Concen: 5.280 ug/L
 RT: 11.830 min Scan# 3278
 Delta R.T. 0.000 min
 Lab File: VU060503.D
 Acq: 22 Aug 2024 14:56

Tgt Ion:146 Resp: 99338
 Ion Ratio Lower Upper
 146 100
 111 39.8 27.9 51.7
 148 62.4 43.7 81.1





#67

1,2-Dichlorobenzene

Concen: 4.070 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

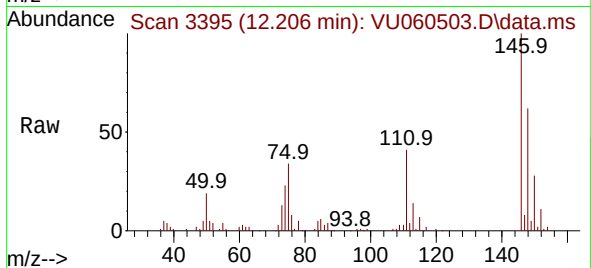
Lab File: VU060503.D

Acq: 22 Aug 2024 14:56

Instrument :

MSVOA_U

ClientSampleId :



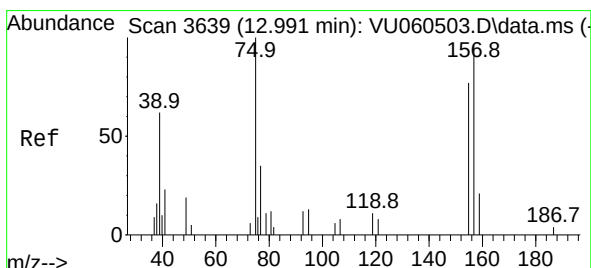
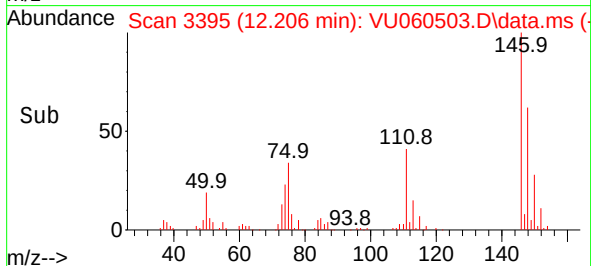
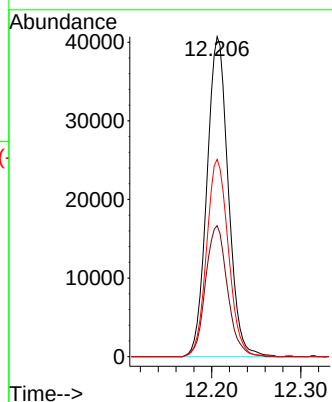
Tgt Ion:146 Resp: 67662

Ion Ratio Lower Upper

146 100

111 40.9 32.7 49.1

148 61.7 49.4 74.0



#68

1,2-Dibromo-3-chloropropane

Concen: 4.628 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU060503.D

Acq: 22 Aug 2024 14:56

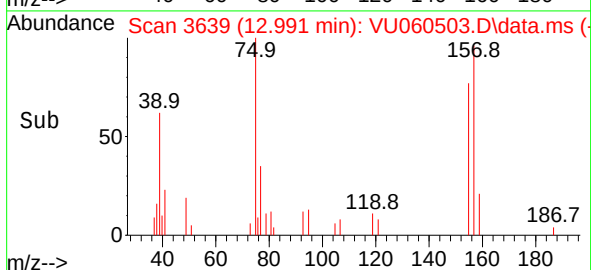
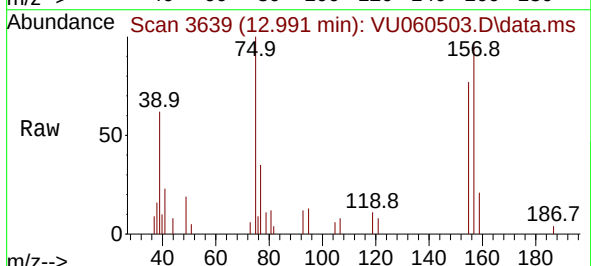
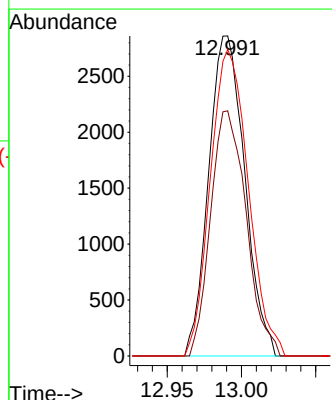
Tgt Ion: 75 Resp: 4832

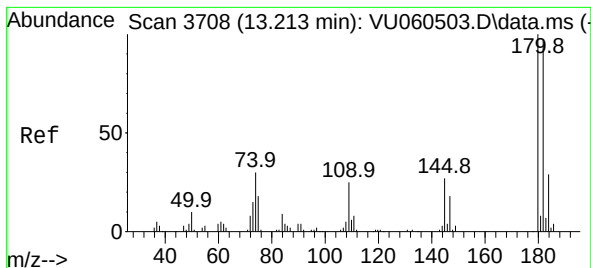
Ion Ratio Lower Upper

75 100

155 76.6 61.3 91.9

157 95.8 76.6 115.0





#69

1,3,5-Trichlorobenzene

Concen: 4.060 ug/L

RT: 13.213 min Scan# 3708

Delta R.T. 0.000 min

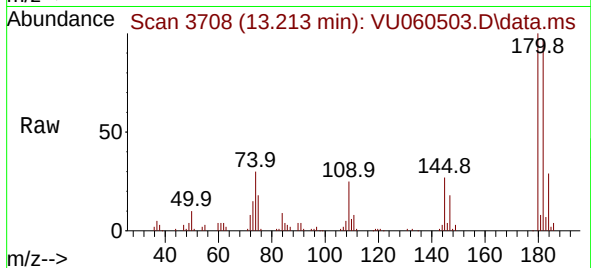
Lab File: VU060503.D

Acq: 22 Aug 2024 14:56

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 54295

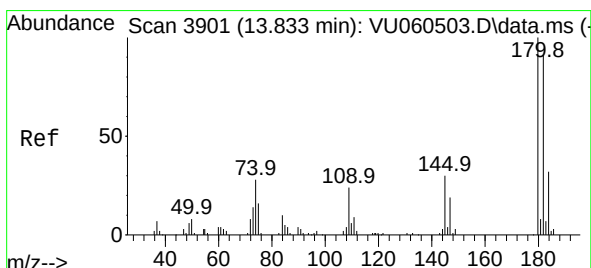
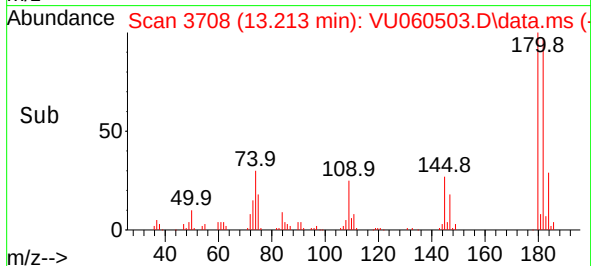
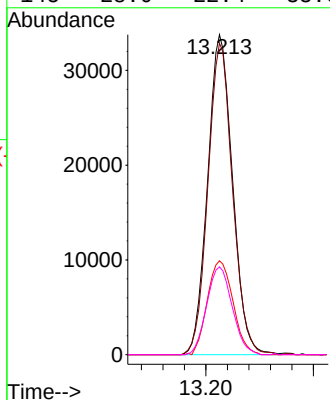
Ion Ratio Lower Upper

180 100

182 96.1 76.9 115.3

184 30.2 24.2 36.2

145 28.0 22.4 33.6



#70

1,2,4-trichlorobenzene

Concen: 3.880 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU060503.D

Acq: 22 Aug 2024 14:56

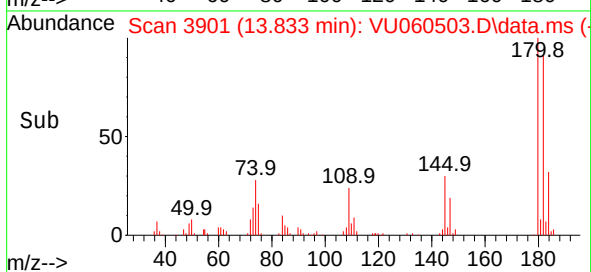
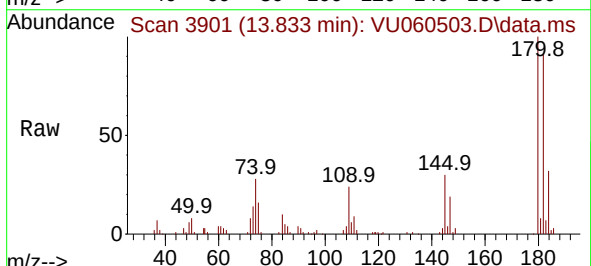
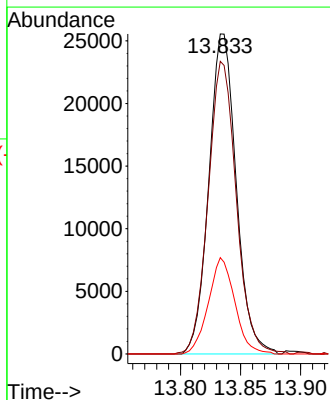
Tgt Ion:180 Resp: 40545

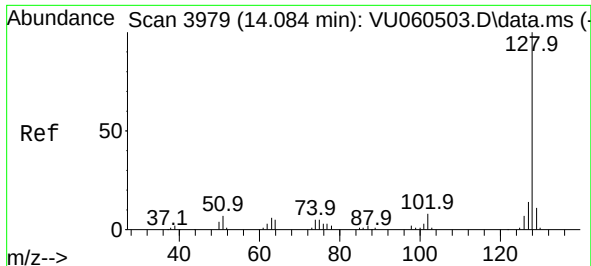
Ion Ratio Lower Upper

180 100

182 93.8 75.0 112.6

145 29.0 23.2 34.8

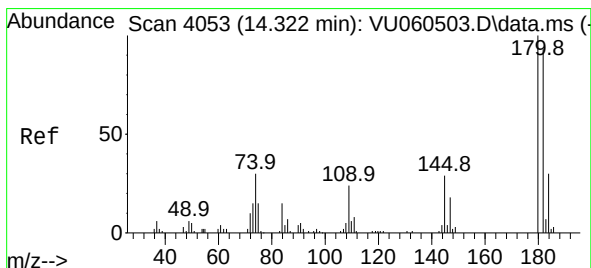
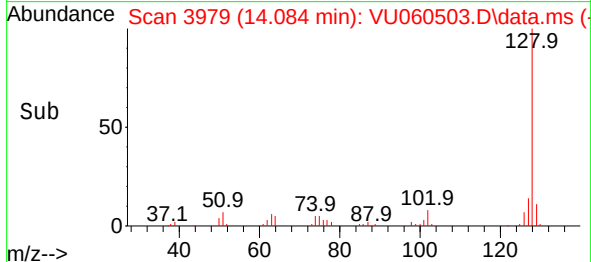
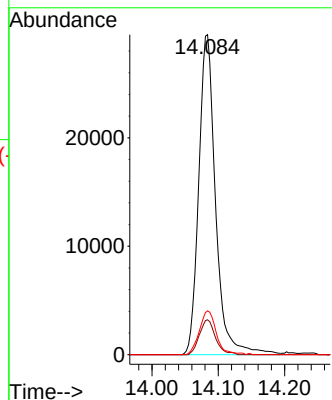
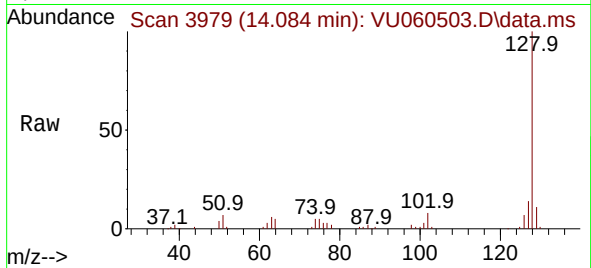




#71
Naphthalene
Concen: 3.559 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. 0.000 min
Lab File: VU060503.D
Acq: 22 Aug 2024 14:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 52070
Ion Ratio Lower Upper
128 100
129 10.4 8.3 12.5
127 13.6 10.9 16.3



#72
1,2,3-Trichlorobenzene
Concen: 3.817 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU060503.D
Acq: 22 Aug 2024 14:56

Tgt Ion:180 Resp: 35554
Ion Ratio Lower Upper
180 100
182 94.5 75.6 113.4
145 30.0 24.0 36.0

