

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082224\
 Data File : VU060504.D
 Acq On : 22 Aug 2024 15:21
 Operator : MD/SY
 Sample : VSTD010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 23 06:34:38 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	85948	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	86965	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	46865	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	38397	6.298	ug/L	0.00
7) Chloroethane-d5	1.911	69	55999	9.544	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	33487	12.452	ug/L	0.00
20) 2-Butanone-d5	4.624	46	166058	116.796	ug/L	0.00
24) Chloroform-d	5.052	84	118420	9.224	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	63483	10.333	ug/L	0.00
32) Benzene-d6	5.717	84	214267	8.632	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	69580	8.941	ug/L	0.00
41) Toluene-d8	7.891	98	200126	9.081	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	26783	10.599	ug/L	0.00
46) 2-Hexanone-d5	8.627	63	123121	110.426	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	58181	9.161	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	75643	9.617	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	98559	17.136	ug/L	97
3) Chloromethane	1.518	50	80372	12.789	ug/L	93
5) Vinyl chloride	1.602	62	77434	11.067	ug/L	99
6) Bromomethane	1.856	94	66537	12.577	ug/L	95
8) Chloroethane	1.930	64	67404	13.251	ug/L	98
9) Trichlorofluoromethane	2.132	101	184272	17.266	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	101676	16.033	ug/L	99
12) 1,1-Dichloroethene	2.573	96	94499	16.544	ug/L	92
13) Acetone	2.644	43	155482	158.901	ug/L	97
14) Carbon disulfide	2.785	76	319831	20.417	ug/L	99
15) Methyl Acetate	2.952	43	39528	18.510	ug/L #	62
16) Methylene chloride	3.039	84	103410	12.742	ug/L	94
17) Methyl tert-butyl Ether	3.357	73	220866	16.289	ug/L	96
18) trans-1,2-Dichloroethene	3.345	96	94696	16.819	ug/L	99
19) 1,1-Dichloroethane	3.859	63	190361	16.098	ug/L	98
21) 2-Butanone	4.708	43	167979	112.667	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	69371	10.306	ug/L	96
23) Bromochloromethane	4.968	128	32239	10.447	ug/L	96
25) Chloroform	5.078	83	132369	10.455	ug/L	100
27) 1,2-Dichloroethane	5.785	62	87543	12.353	ug/L #	94
29) 1,1,1-Trichloroethane	5.306	97	116774	11.662	ug/L	100
30) Cyclohexane	5.380	56	110810	13.377	ug/L	99
31) Carbon tetrachloride	5.518	117	105568	11.951	ug/L	98
33) Benzene	5.766	78	281529	11.074	ug/L	100
34) Trichloroethene	6.534	95	73403	10.935	ug/L	97
35) Methylcyclohexane	6.756	83	115149	12.875	ug/L	94
37) 1,2-Dichloropropane	6.782	63	76873	11.053	ug/L	99
38) Bromodichloromethane	7.097	83	94095	10.933	ug/L	98
39) cis-1,3-Dichloropropene	7.598	75	108185	11.432	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	425890	128.687	ug/L	99
42) Toluene	7.962	91	310059	11.515	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	93133	11.833	ug/L	99

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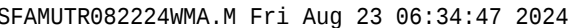
Quant Time: Aug 23 06:34:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 23 06:32:15 2024
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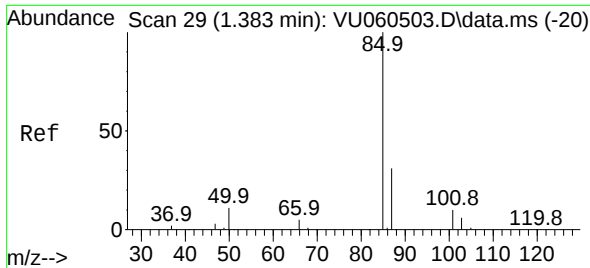
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.393	97	50834	9.770	ug/L	96
47) Tetrachloroethene	8.547	164	58925	11.115	ug/L	98
48) 2-Hexanone	8.679	43	319398	128.650	ug/L	98
49) Dibromochloromethane	8.801	129	61980	11.139	ug/L	99
50) 1,2-Dibromoethane	8.917	107	49389	10.649	ug/L #	94
51) Chlorobenzene	9.441	112	187503	10.383	ug/L	100
52) Ethylbenzene	9.563	91	330368	11.575	ug/L	100
53) m,p-Xylene	9.685	106	127916	11.847	ug/L	98
54) o-Xylene	10.094	106	121630	11.813	ug/L	99
55) Styrene	10.106	104	209277	11.783	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	62669	9.764	ug/L #	97
59) Bromoform	10.283	173	37623	11.053	ug/L	96
60) Isopropylbenzene	10.476	105	329536	12.135	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	46353	10.793	ug/L	96
62) 1,3,5-Trimethylbenzene	11.081	105	271076	12.944	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	270435	12.499	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	158597	10.859	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	156552	10.700	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	143092	11.068	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	10188	12.547	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	116072	11.161	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	93890	11.554	ug/L	99
71) Naphthalene	14.080	128	133411	11.725	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	83212	11.488	ug/L	100

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

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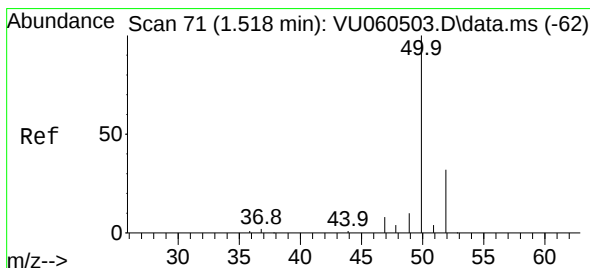
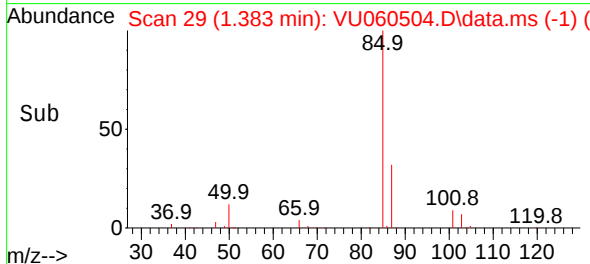
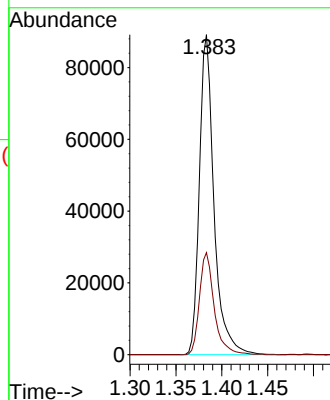
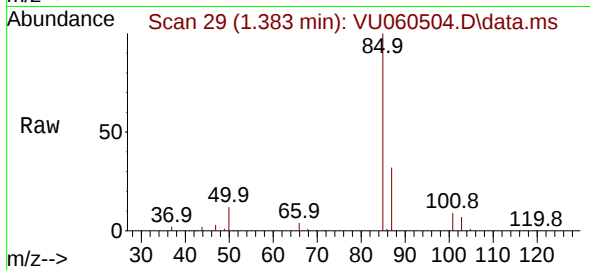




#2
 Dichlorodifluoromethane
 Concen: 17.136 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU060504.D
 Acq: 22 Aug 2024 15:21

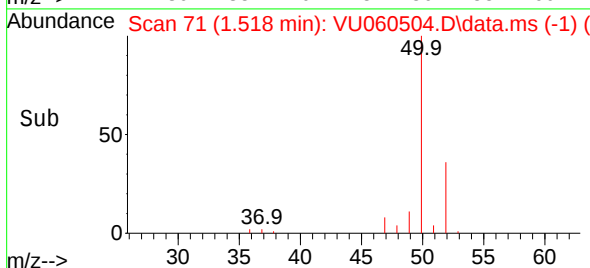
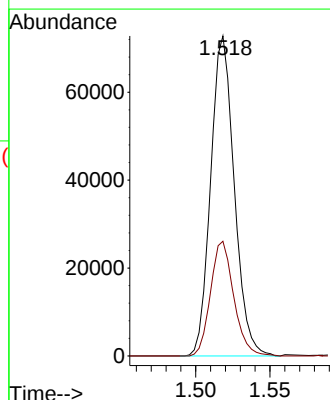
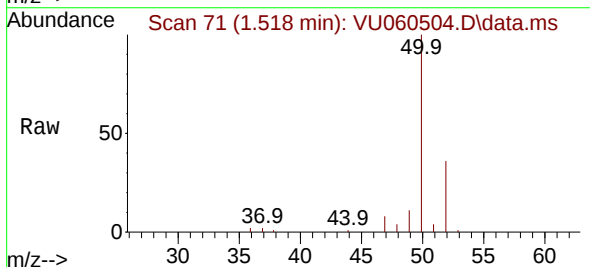
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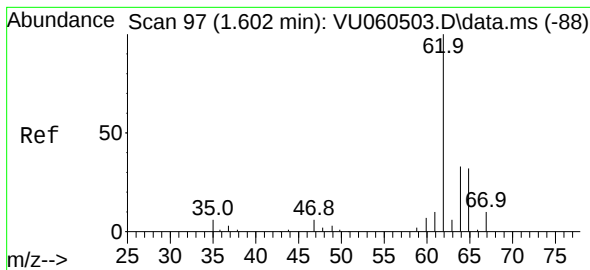
Tgt Ion: 85 Resp: 98559
 Ion Ratio Lower Upper
 85 100
 87 32.3 24.6 37.0



#3
 Chloromethane
 Concen: 12.789 ug/L
 RT: 1.518 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VU060504.D
 Acq: 22 Aug 2024 15:21

Tgt Ion: 50 Resp: 80372
 Ion Ratio Lower Upper
 50 100
 52 35.8 22.2 41.2





#5

Vinyl chloride

Concen: 11.067 ug/L

RT: 1.602 min Scan# 97

Delta R.T. -0.000 min

Lab File: VU060504.D

Acq: 22 Aug 2024 15:21

Instrument :

MSVOA_U

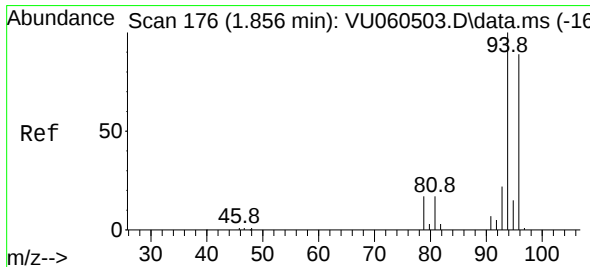
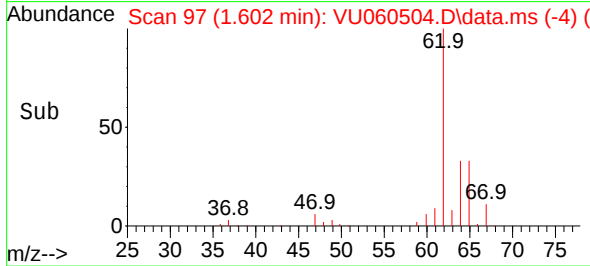
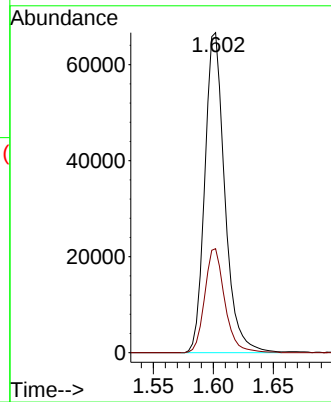
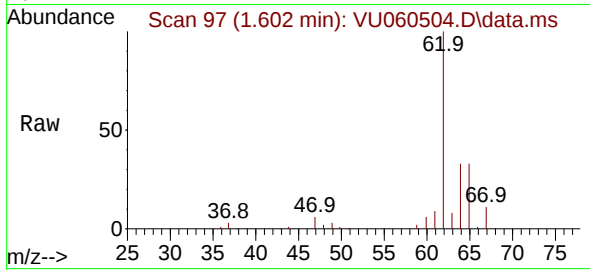
ClientSampleId :

Tgt Ion: 62 Resp: 77434

Ion Ratio Lower Upper

62 100

64 32.5 23.2 43.0



#6

Bromomethane

Concen: 12.577 ug/L

RT: 1.856 min Scan# 176

Delta R.T. -0.000 min

Lab File: VU060504.D

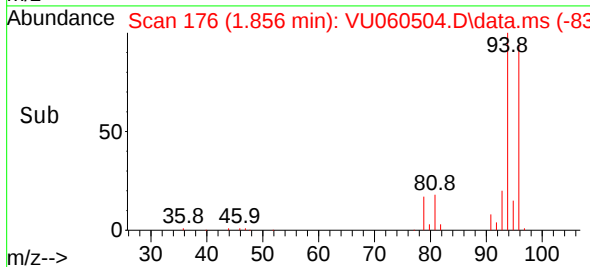
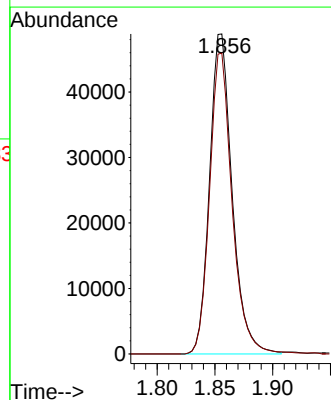
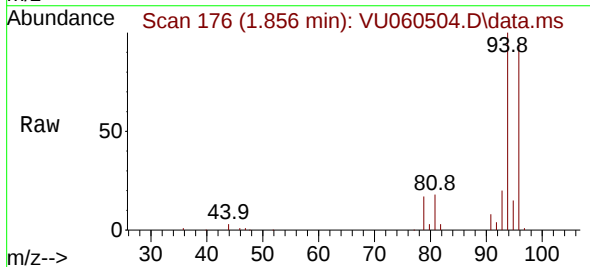
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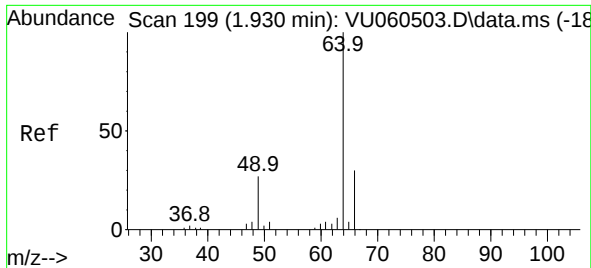
Tgt Ion: 94 Resp: 66537

Ion Ratio Lower Upper

94 100

96 94.0 62.4 115.8

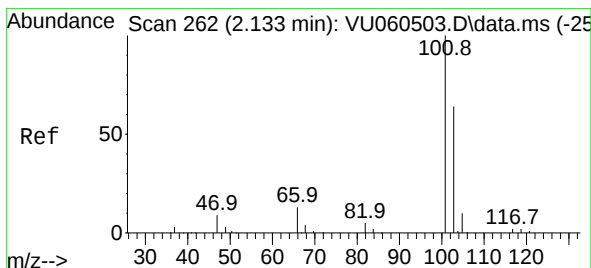
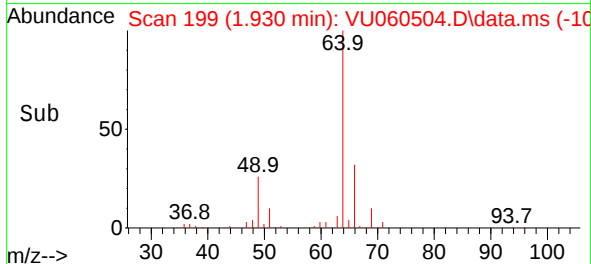
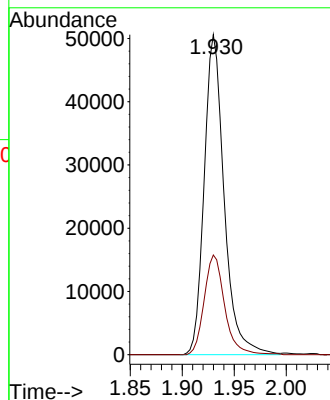
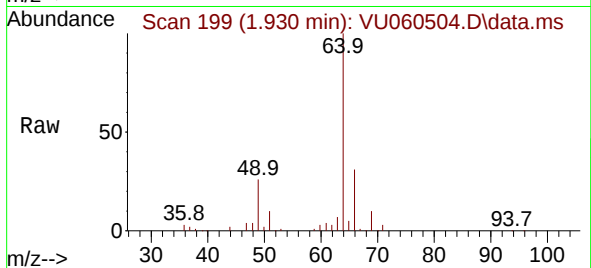




#8
Chloroethane
Concen: 13.251 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU060504.D
Acq: 22 Aug 2024 15:21

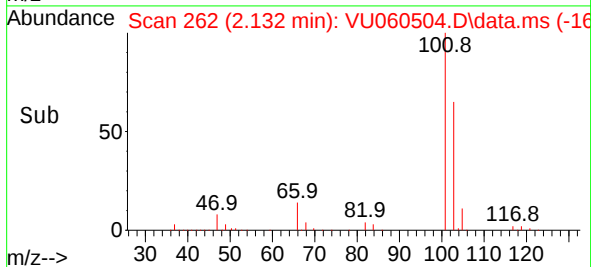
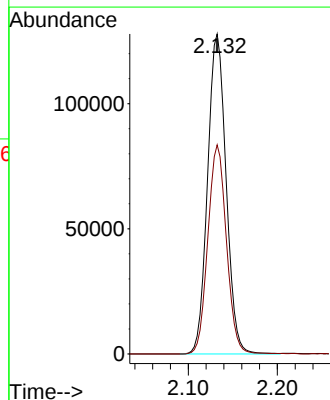
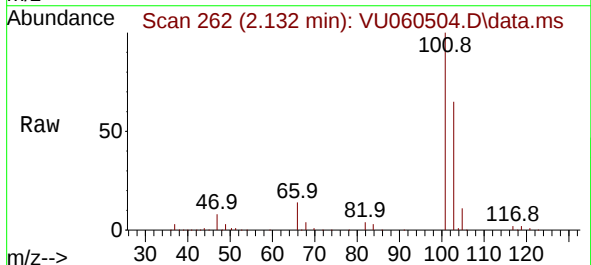
Instrument :
MSVOA_U
ClientSampleId :

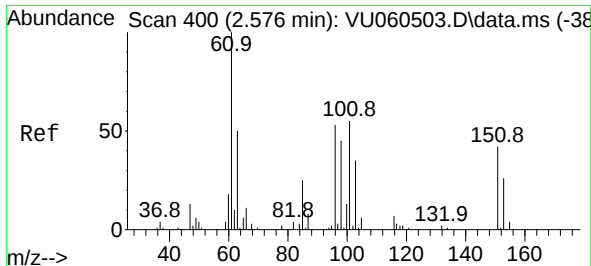
Tgt Ion: 64 Resp: 67404
Ion Ratio Lower Upper
64 100
66 31.1 21.1 39.1



#9
Trichlorofluoromethane
Concen: 17.266 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU060504.D
Acq: 22 Aug 2024 15:21

Tgt Ion:101 Resp: 184272
Ion Ratio Lower Upper
101 100
103 65.4 51.7 77.5

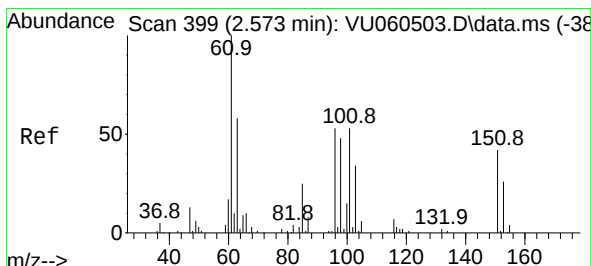
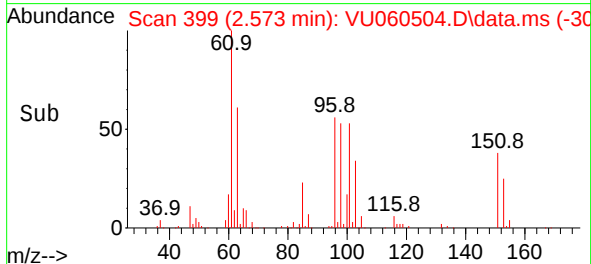
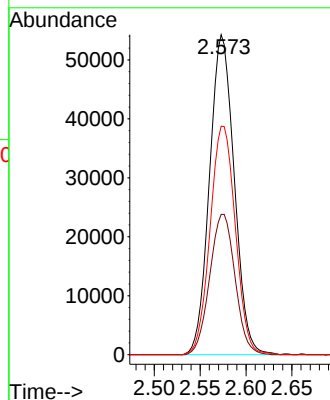
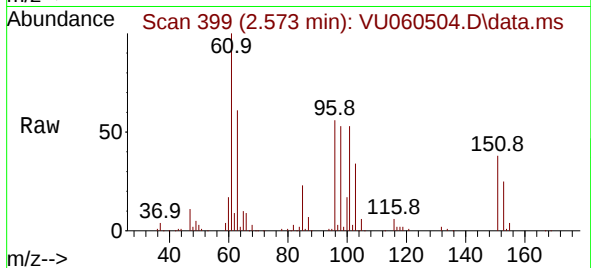




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 16.033 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU060504.D
 Acq: 22 Aug 2024 15:21

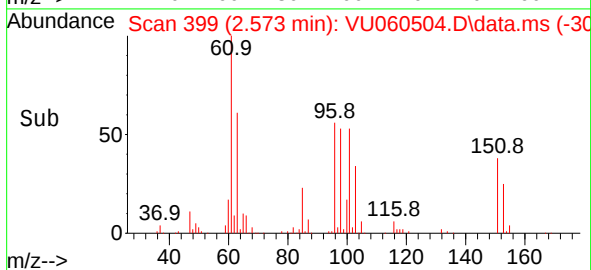
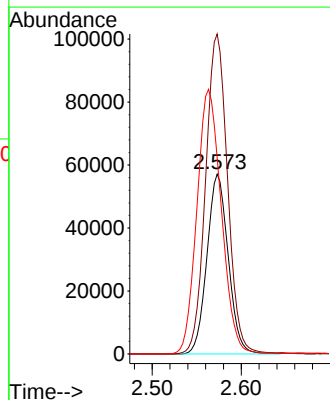
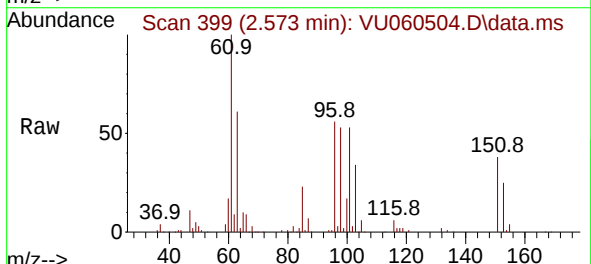
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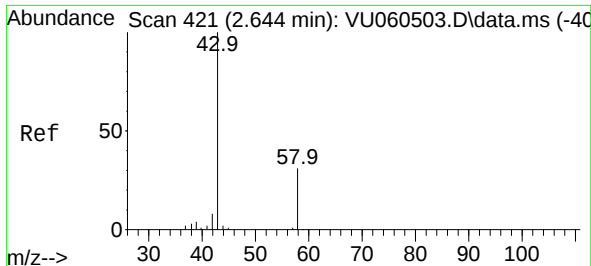
Tgt Ion:101 Resp: 101676
 Ion Ratio Lower Upper
 101 100
 85 44.9 36.2 54.2
 151 73.1 59.9 89.9



#12
 1,1-Dichloroethene
 Concen: 16.544 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.000 min
 Lab File: VU060504.D
 Acq: 22 Aug 2024 15:21

Tgt Ion: 96 Resp: 94499
 Ion Ratio Lower Upper
 96 100
 61 177.9 133.6 248.0
 63 109.3 80.8 150.2

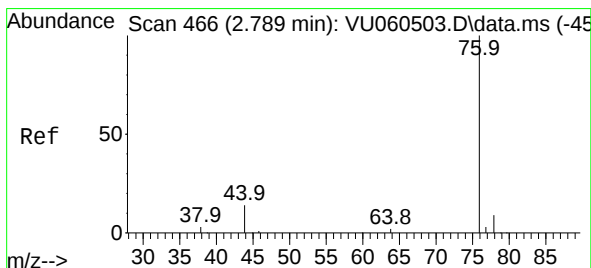
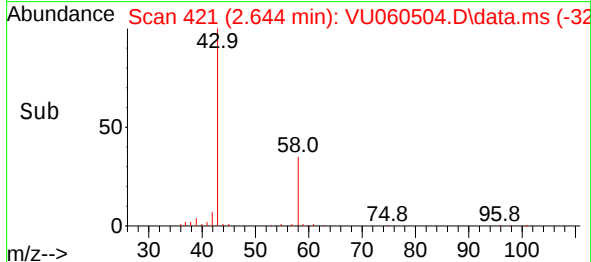
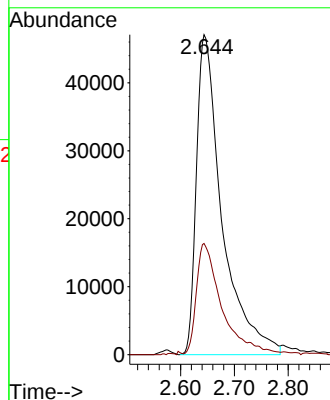
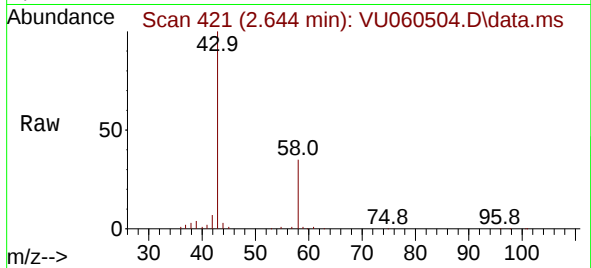




#13
Acetone
Concen: 158.901 ug/L
RT: 2.644 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU060504.D
Acq: 22 Aug 2024 15:21

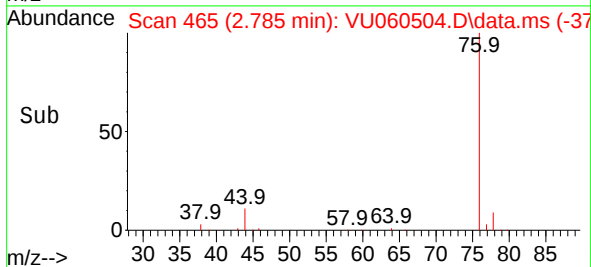
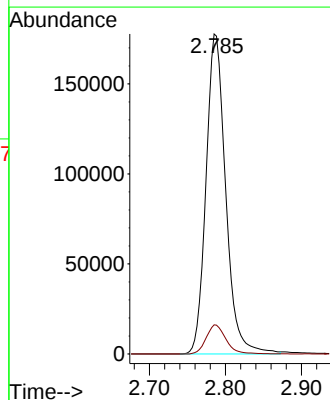
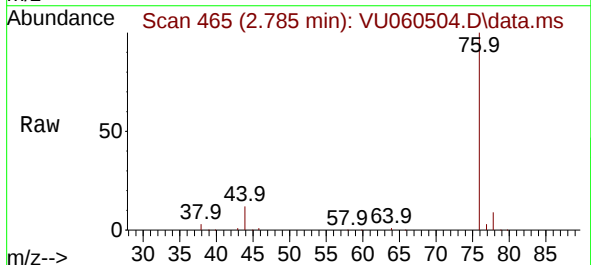
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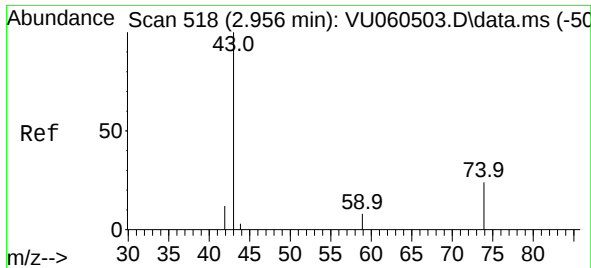
Tgt Ion: 43 Resp: 155482
Ion Ratio Lower Upper
43 100
58 33.6 0.0 63.6



#14
Carbon disulfide
Concen: 20.417 ug/L
RT: 2.785 min Scan# 465
Delta R.T. -0.003 min
Lab File: VU060504.D
Acq: 22 Aug 2024 15:21

Tgt Ion: 76 Resp: 319831
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

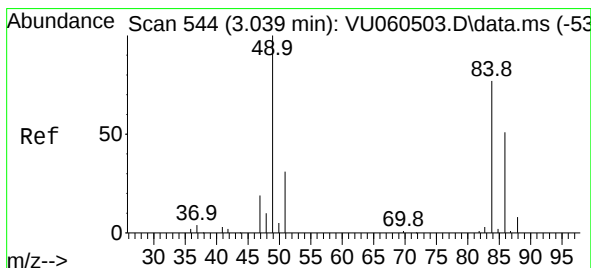
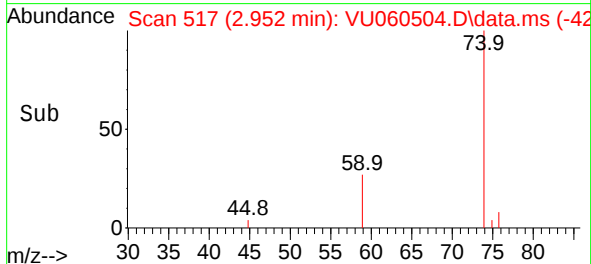
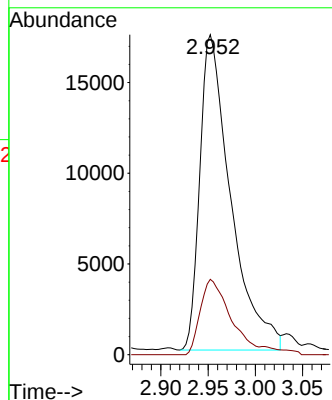
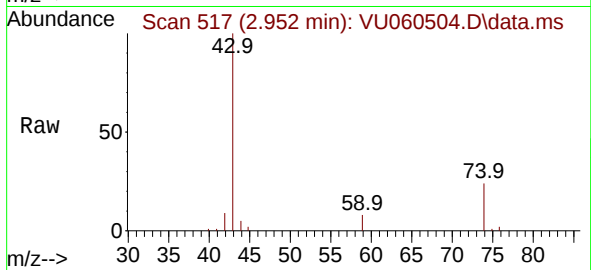




#15
Methyl Acetate
Concen: 18.510 ug/L
RT: 2.952 min Scan# 517
Delta R.T. -0.003 min
Lab File: VU060504.D
Acq: 22 Aug 2024 15:21

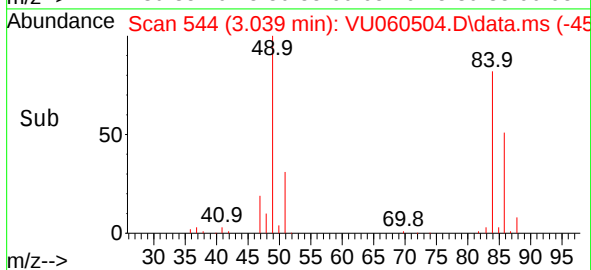
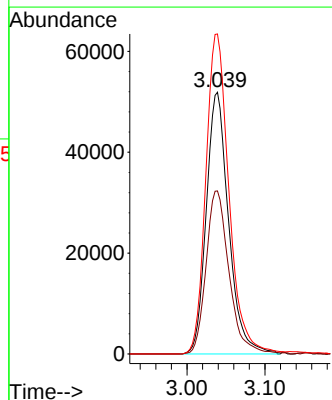
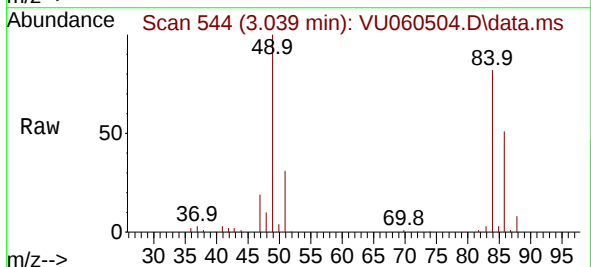
Instrument :
MSVOA_U
ClientSampleId :

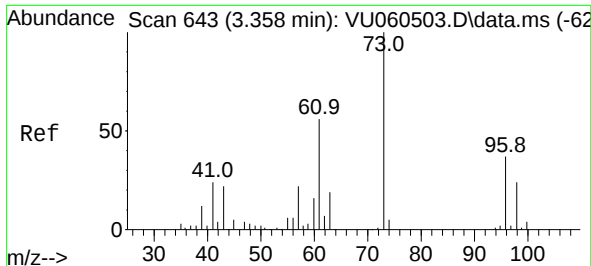
Tgt Ion: 43 Resp: 39528
Ion Ratio Lower Upper
43 100
74 25.1 8.5 12.7#



#16
Methylene chloride
Concen: 12.742 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU060504.D
Acq: 22 Aug 2024 15:21

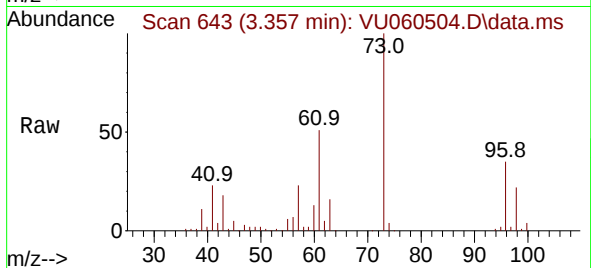
Tgt Ion: 84 Resp: 103410
Ion Ratio Lower Upper
84 100
86 62.3 46.7 86.7
49 122.2 91.0 169.0



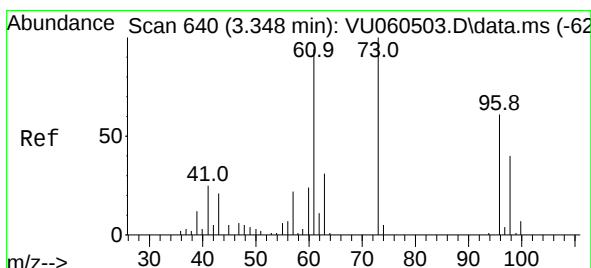
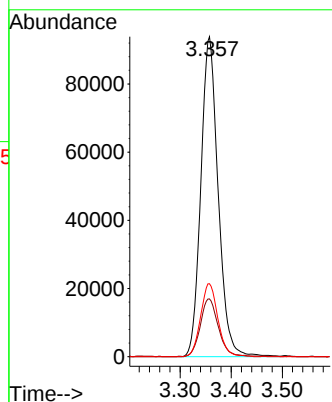
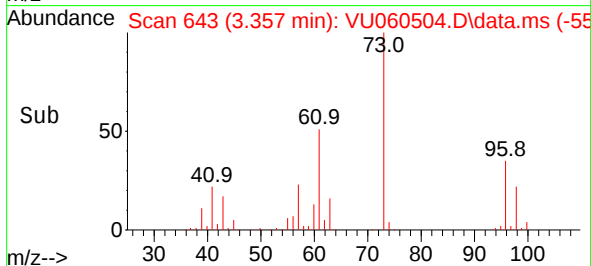


#17
Methyl tert-butyl Ether
Concen: 16.289 ug/L
RT: 3.357 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU060504.D
Acq: 22 Aug 2024 15:21

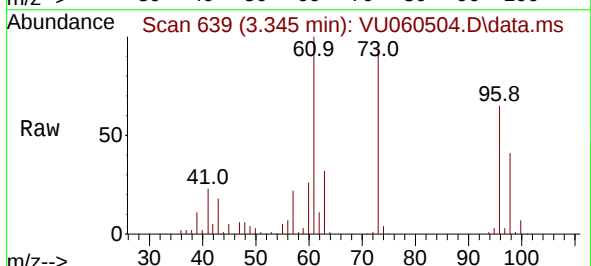
Instrument :
MSVOA_U
ClientSampleId :



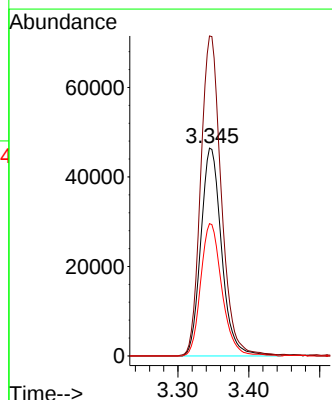
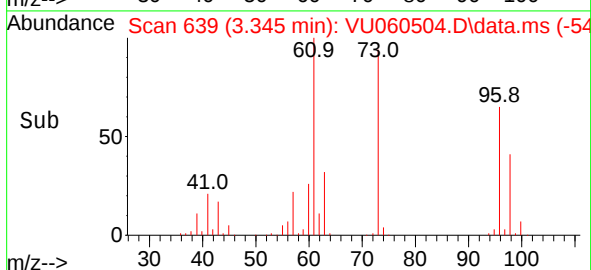
Tgt Ion: 73 Resp: 220866
Ion Ratio Lower Upper
73 100
43 18.9 17.5 26.3
57 22.8 17.8 26.6

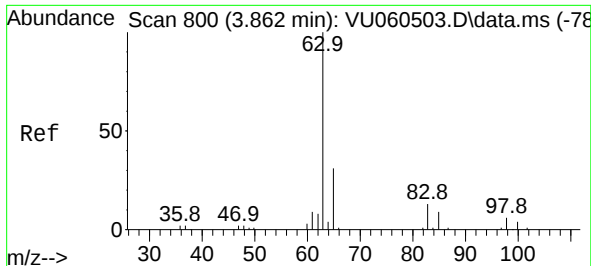


#18
trans-1,2-Dichloroethene
Concen: 16.819 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.003 min
Lab File: VU060504.D
Acq: 22 Aug 2024 15:21



Tgt Ion: 96 Resp: 94696
Ion Ratio Lower Upper
96 100
61 154.0 108.4 201.4
98 63.7 45.4 84.2

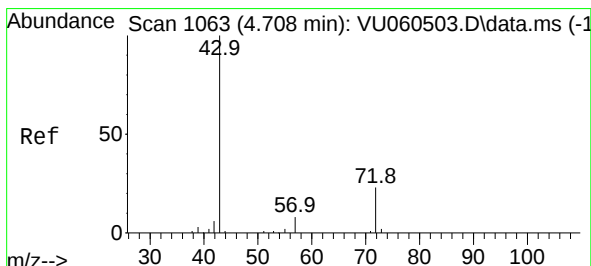
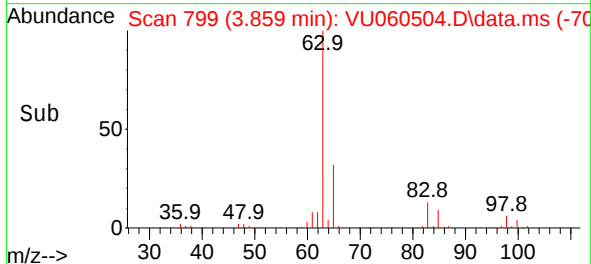
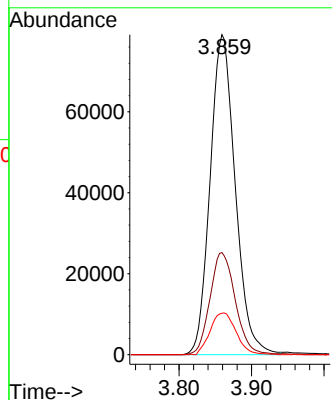
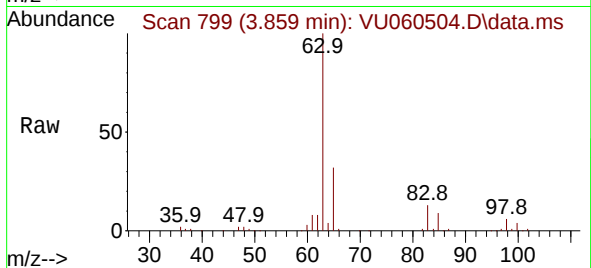




#19
1,1-Dichloroethane
Concen: 16.098 ug/L
RT: 3.859 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU060504.D
Acq: 22 Aug 2024 15:21

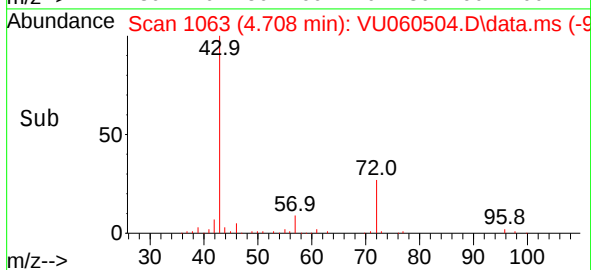
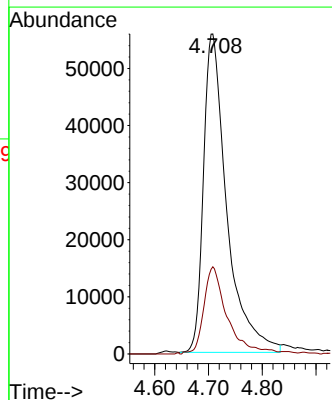
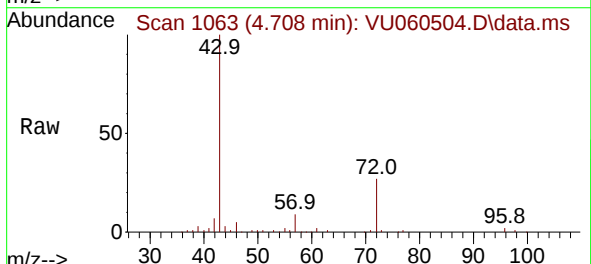
Instrument :
MSVOA_U
ClientSampleId :

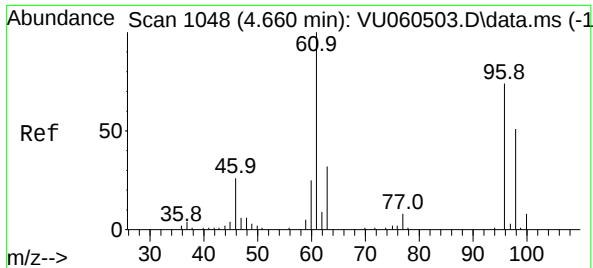
Tgt Ion: 63 Resp: 190361
Ion Ratio Lower Upper
63 100
65 31.9 21.4 39.8
83 12.9 9.4 17.4



#21
2-Butanone
Concen: 112.667 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VU060504.D
Acq: 22 Aug 2024 15:21

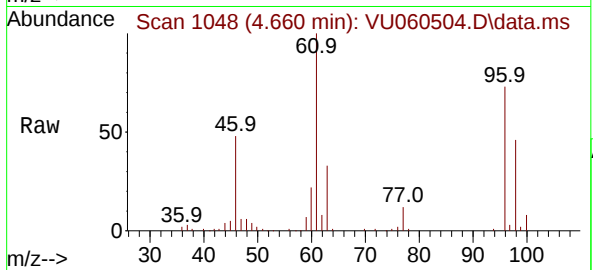
Tgt Ion: 43 Resp: 167979
Ion Ratio Lower Upper
43 100
72 26.6 12.3 36.8



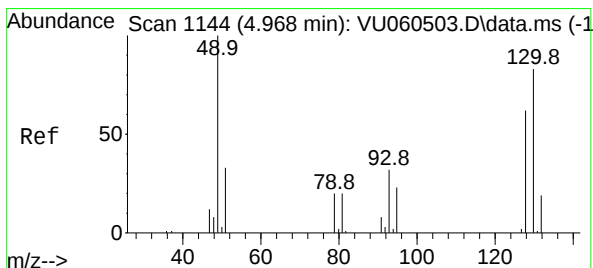
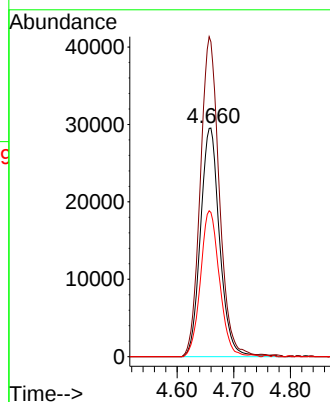
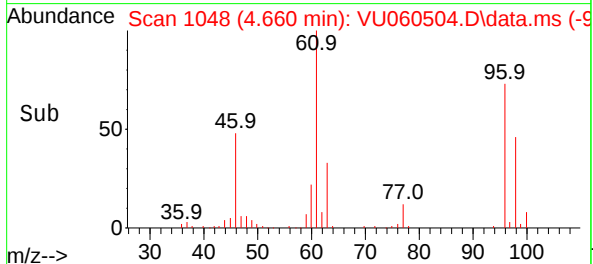


#22
 cis-1,2-Dichloroethene
 Concen: 10.306 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU060504.D
 Acq: 22 Aug 2024 15:21

Instrument :
 MSVOA_U
 ClientSampleId :

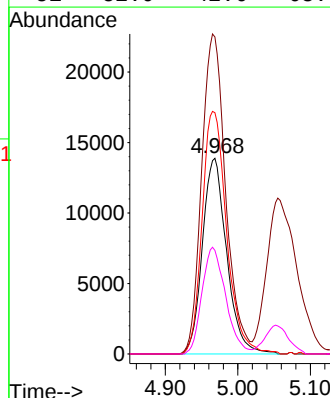
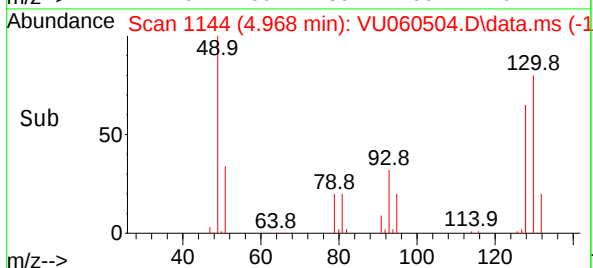
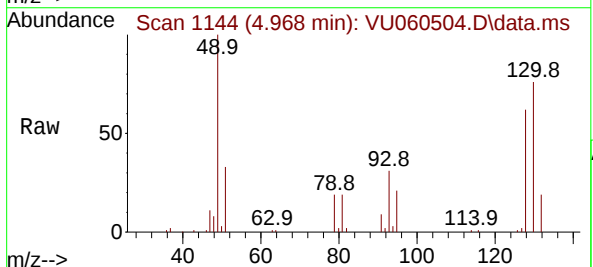


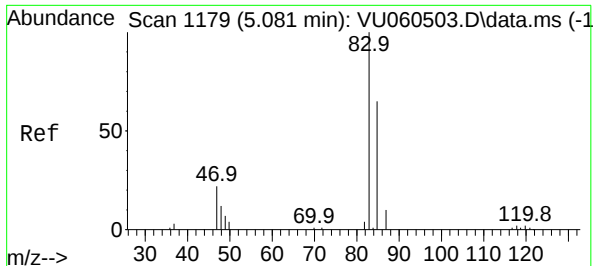
Tgt Ion: 96 Resp: 69371
 Ion Ratio Lower Upper
 96 100
 61 137.6 94.6 175.8
 98 63.0 48.2 89.6



#23
 Bromochloromethane
 Concen: 10.447 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.000 min
 Lab File: VU060504.D
 Acq: 22 Aug 2024 15:21

Tgt Ion: 128 Resp: 32239
 Ion Ratio Lower Upper
 128 100
 49 162.0 112.4 208.8
 130 123.3 93.7 173.9
 51 52.9 42.6 63.8





#25

Chloroform

Concen: 10.455 ug/L

RT: 5.078 min Scan# 1179

Delta R.T. -0.003 min

Lab File: VU060504.D

Acq: 22 Aug 2024 15:21

Instrument :

MSVOA_U

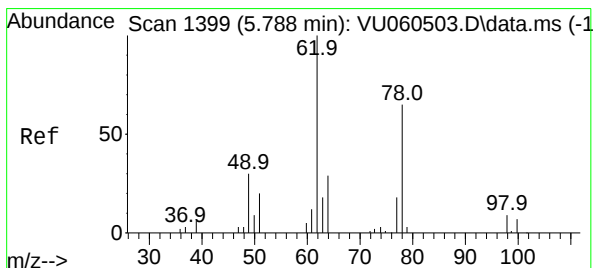
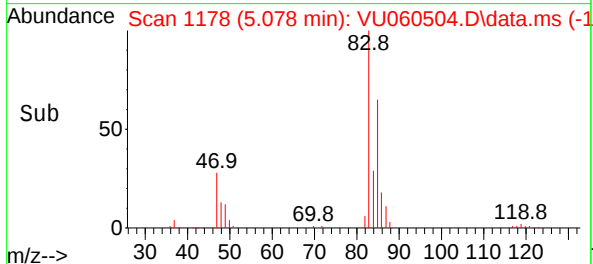
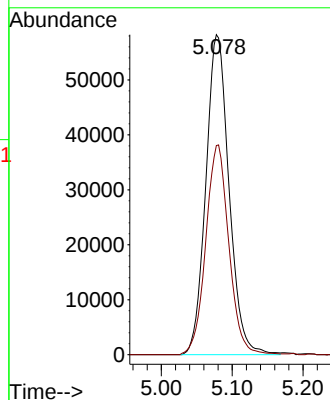
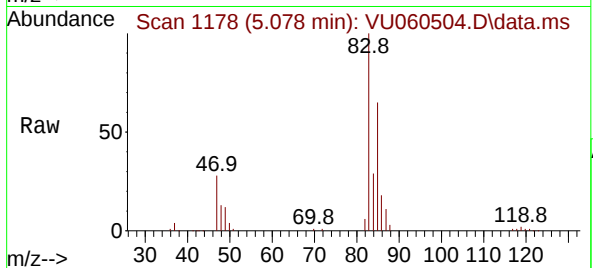
ClientSampleId :

Tgt Ion: 83 Resp: 132369

Ion Ratio Lower Upper

83 100

85 65.3 45.8 85.2



#27

1,2-Dichloroethane

Concen: 12.353 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.003 min

Lab File: VU060504.D

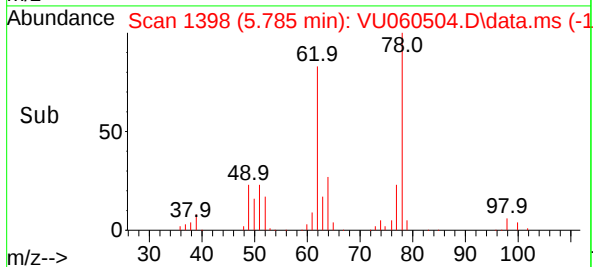
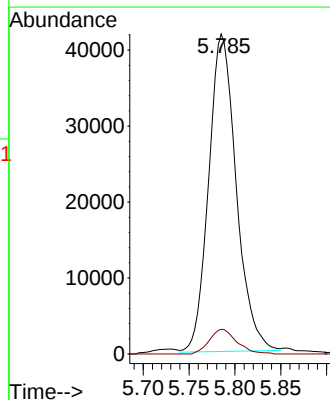
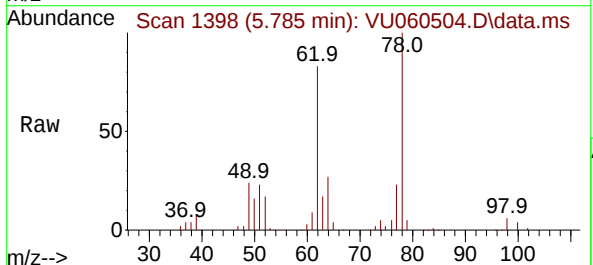
Acq: 22 Aug 2024 15:21

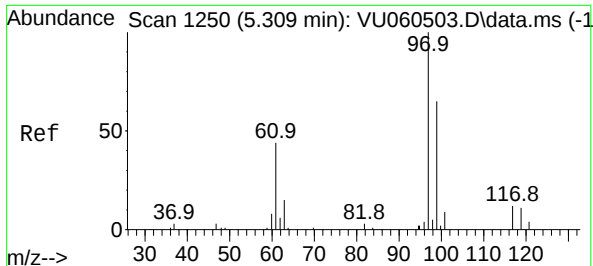
Tgt Ion: 62 Resp: 87543

Ion Ratio Lower Upper

62 100

98 7.7 7.9 11.9#

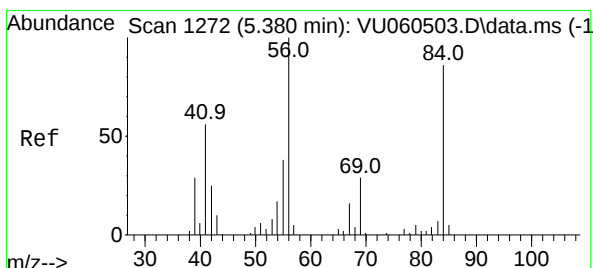
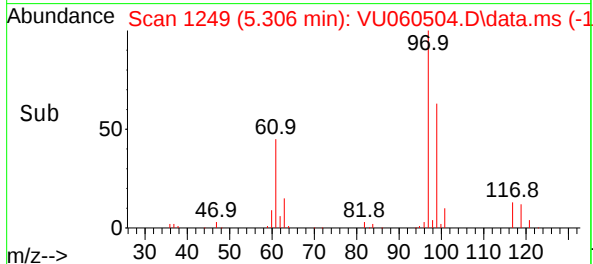
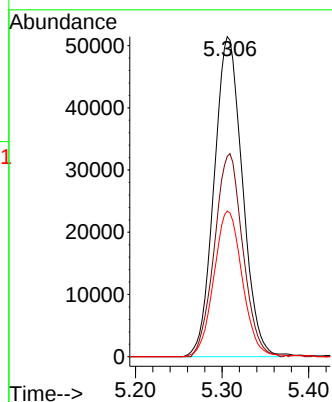
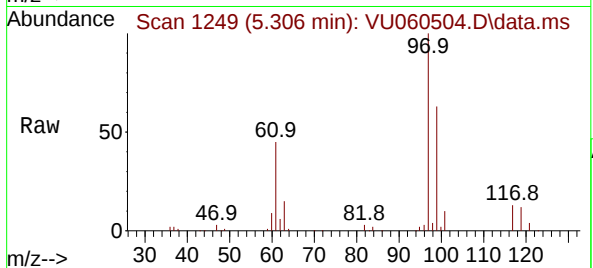




#29
1,1,1-Trichloroethane
Concen: 11.662 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.003 min
Lab File: VU060504.D
Acq: 22 Aug 2024 15:21

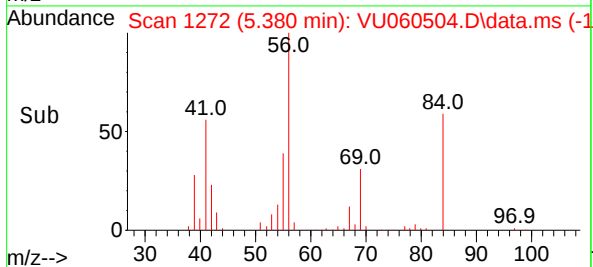
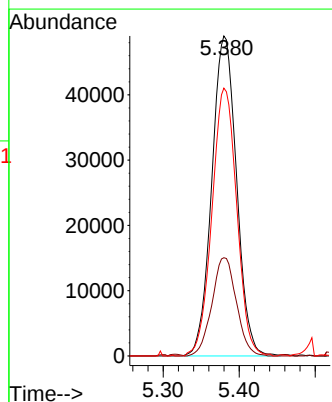
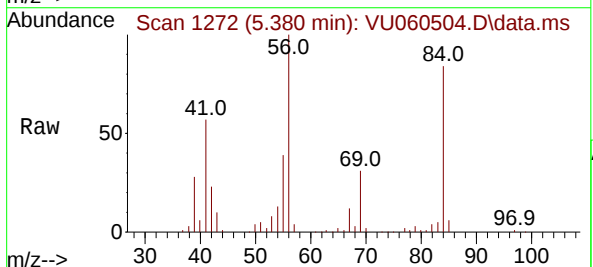
Instrument :
MSVOA_U
ClientSampleId :

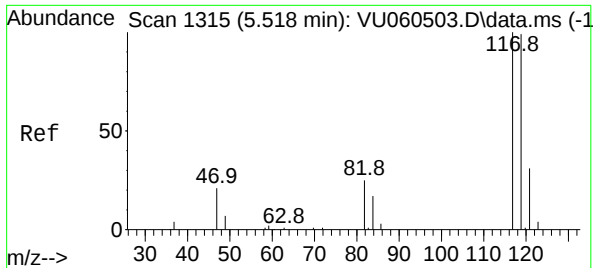
Tgt Ion: 97 Resp: 116774
Ion Ratio Lower Upper
97 100
99 63.5 50.8 76.2
61 45.7 36.6 55.0



#30
Cyclohexane
Concen: 13.377 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VU060504.D
Acq: 22 Aug 2024 15:21

Tgt Ion: 56 Resp: 110810
Ion Ratio Lower Upper
56 100
69 30.4 23.3 34.9
84 83.7 66.6 99.8

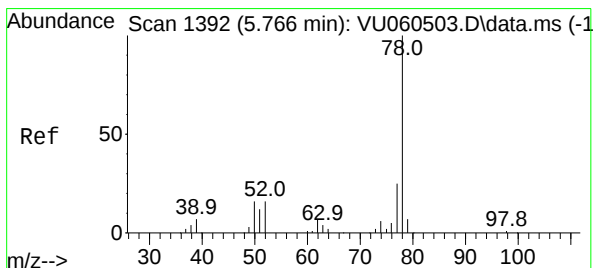
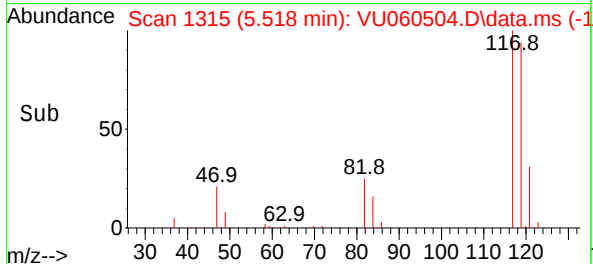
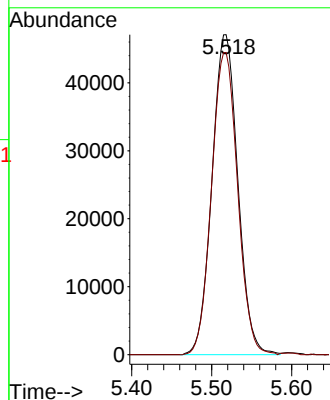
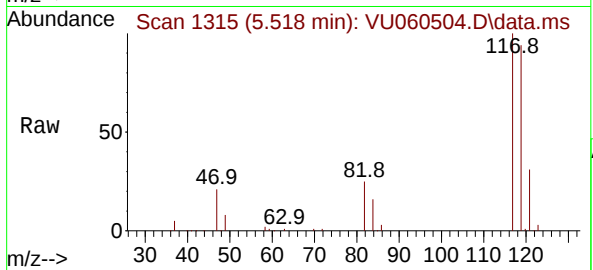




#31
Carbon tetrachloride
Concen: 11.951 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VU060504.D
Acq: 22 Aug 2024 15:21

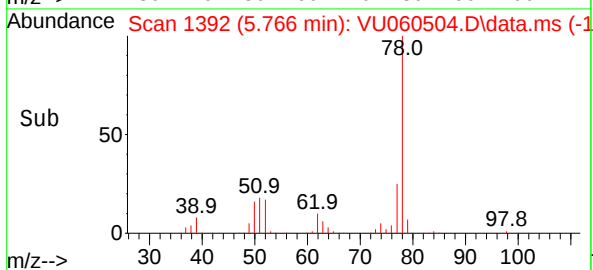
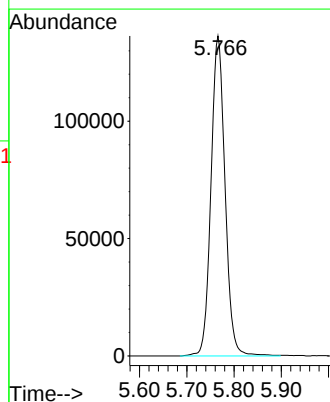
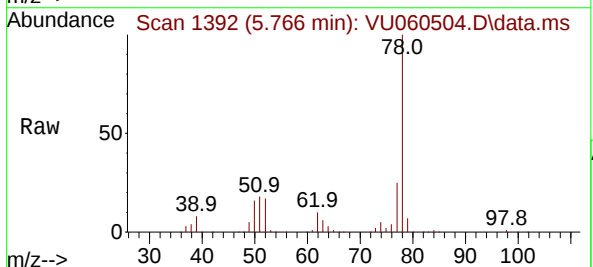
Instrument :
MSVOA_U
ClientSampleId :

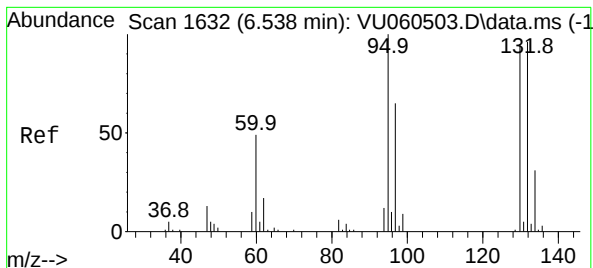
Tgt Ion:117 Resp: 105568
Ion Ratio Lower Upper
117 100
119 95.2 77.8 116.6



#33
Benzene
Concen: 11.074 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU060504.D
Acq: 22 Aug 2024 15:21

Tgt Ion: 78 Resp: 281529





#34

Trichloroethene

Concen: 10.935 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU060504.D

Acq: 22 Aug 2024 15:21

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 73403

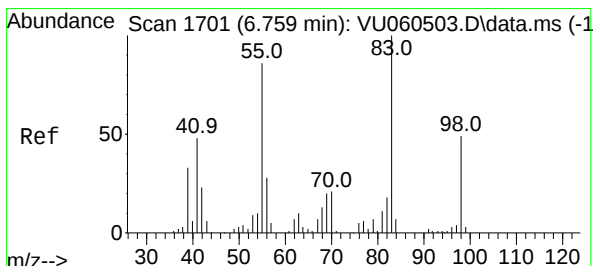
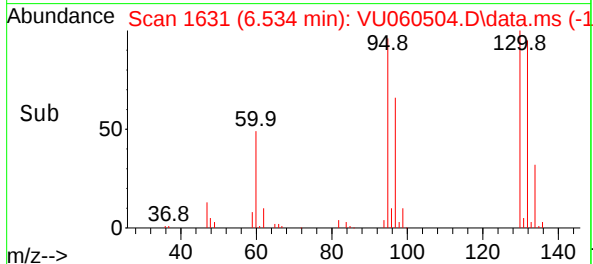
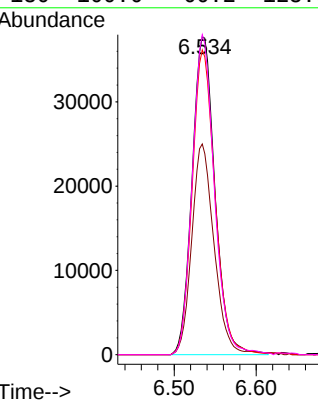
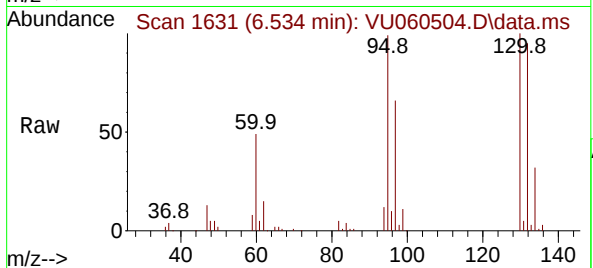
Ion Ratio Lower Upper

95 100

97 66.3 45.2 84.0

132 95.9 67.2 124.8

130 100.6 66.2 123.0



#35

Methylcyclohexane

Concen: 12.875 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VU060504.D

Acq: 22 Aug 2024 15:21

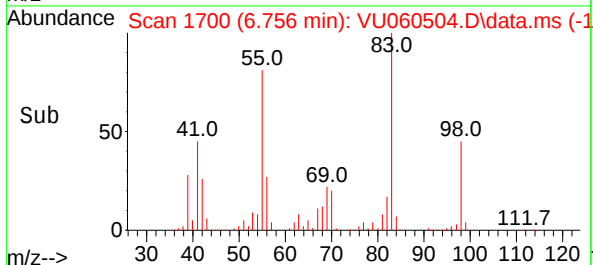
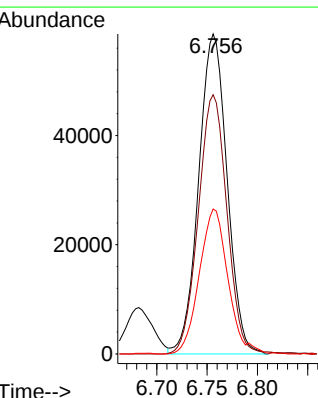
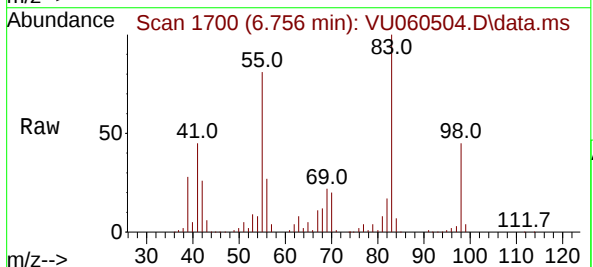
Tgt Ion: 83 Resp: 115149

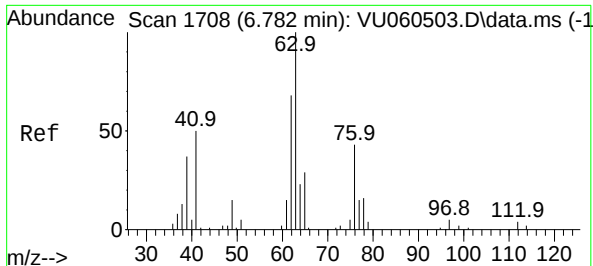
Ion Ratio Lower Upper

83 100

55 81.5 70.5 105.7

98 45.5 38.5 57.7

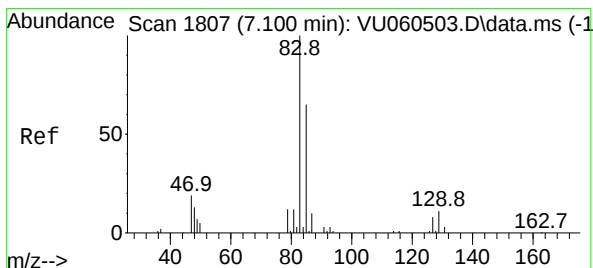
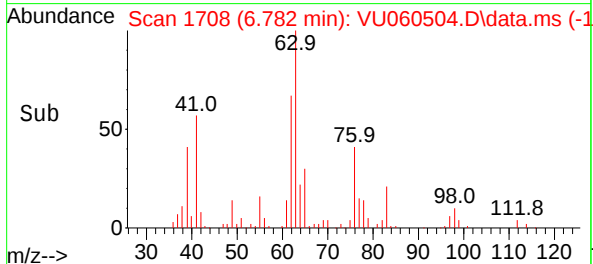
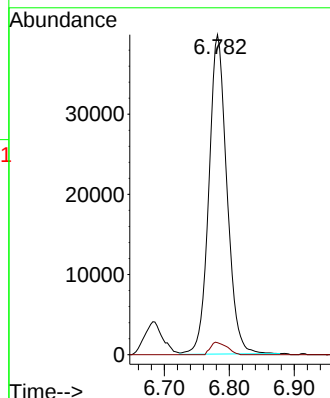
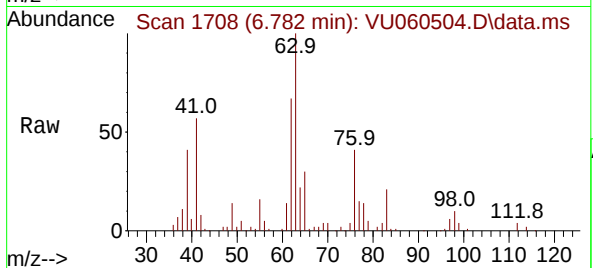




#37
1,2-Dichloropropane
Concen: 11.053 ug/L
RT: 6.782 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU060504.D
Acq: 22 Aug 2024 15:21

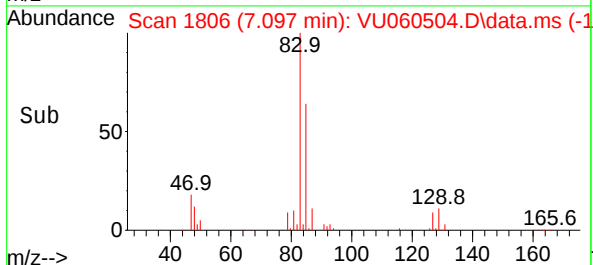
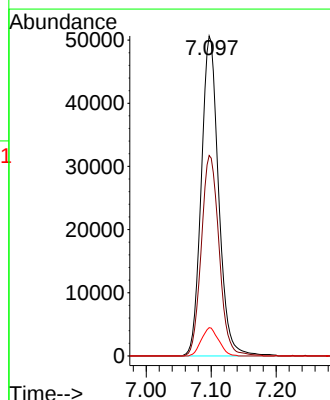
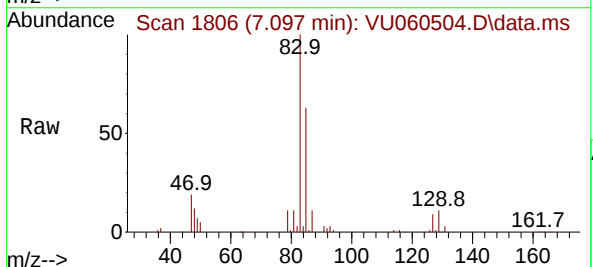
Instrument :
MSVOA_U
ClientSampleId :

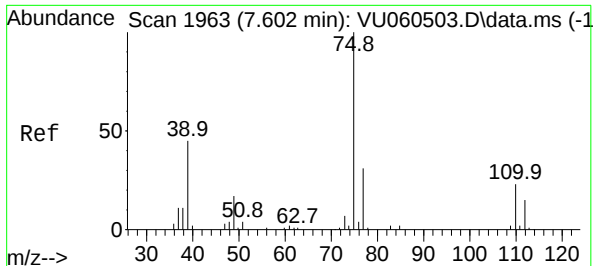
Tgt Ion: 63 Resp: 76873
Ion Ratio Lower Upper
63 100
112 3.5 2.6 3.8



#38
Bromodichloromethane
Concen: 10.933 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VU060504.D
Acq: 22 Aug 2024 15:21

Tgt Ion: 83 Resp: 94095
Ion Ratio Lower Upper
83 100
85 62.7 45.2 84.0
127 8.9 6.5 9.7

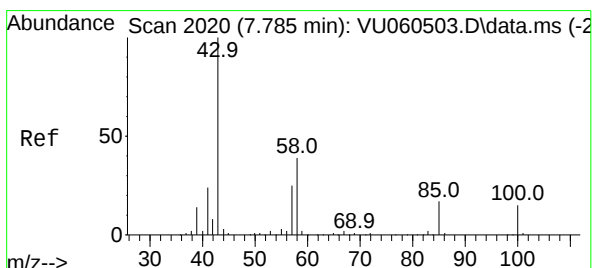
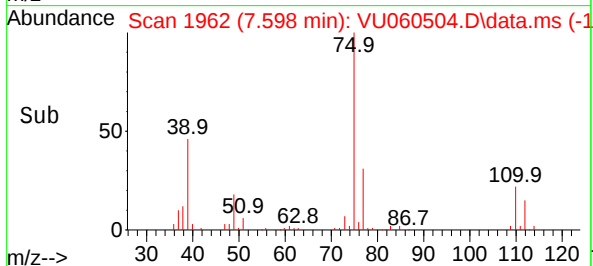
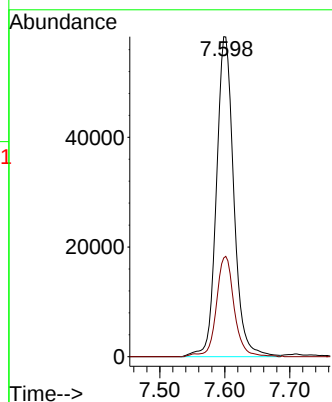
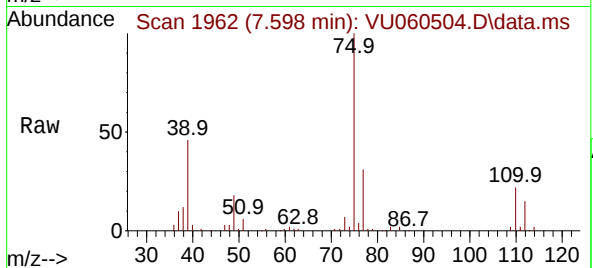




#39
 cis-1,3-Dichloropropene
 Concen: 11.432 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.003 min
 Lab File: VU060504.D
 Acq: 22 Aug 2024 15:21

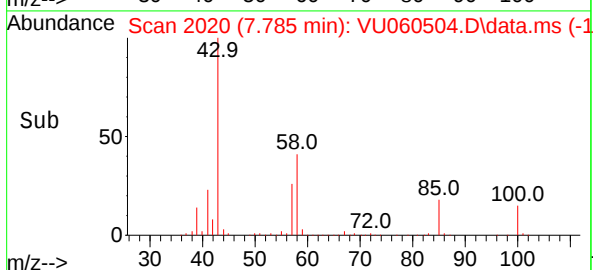
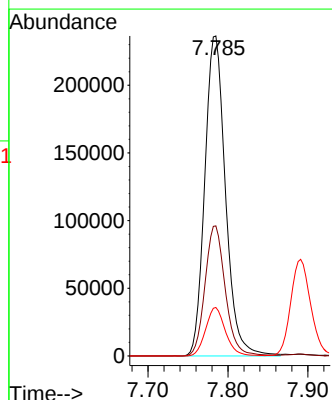
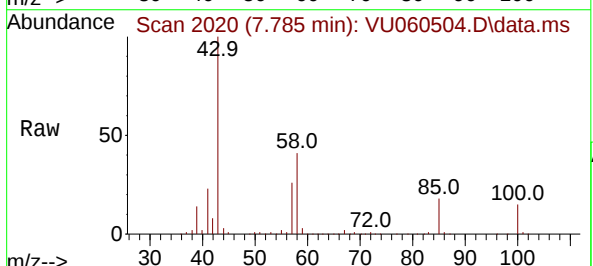
Instrument :
 MSVOA_U
 ClientSampleId :

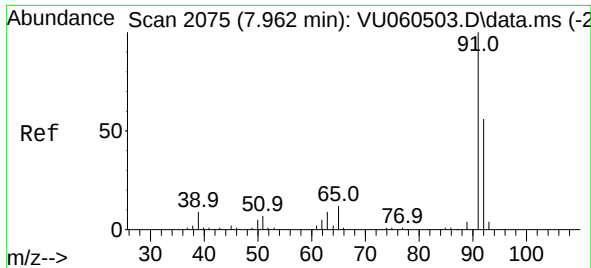
Tgt Ion: 75 Resp: 108185
 Ion Ratio Lower Upper
 75 100
 77 30.8 21.3 39.6



#40
 4-Methyl-2-pentanone
 Concen: 128.687 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. -0.000 min
 Lab File: VU060504.D
 Acq: 22 Aug 2024 15:21

Tgt Ion: 43 Resp: 425890
 Ion Ratio Lower Upper
 43 100
 58 39.9 31.2 46.8
 100 14.5 11.5 17.3

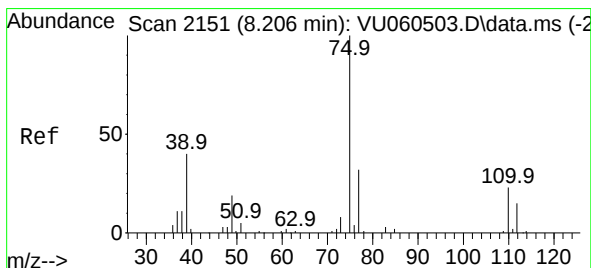
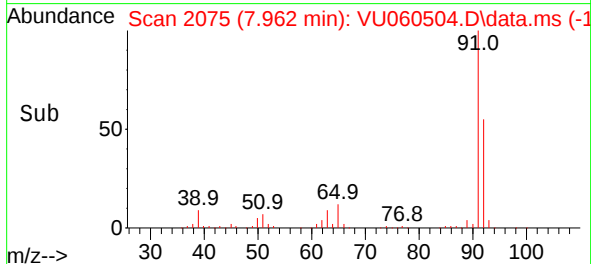
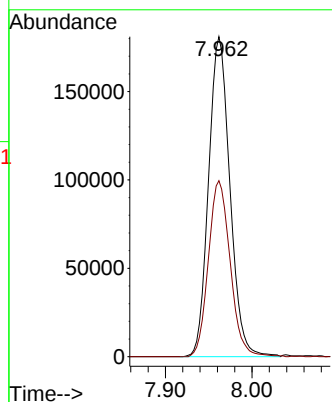
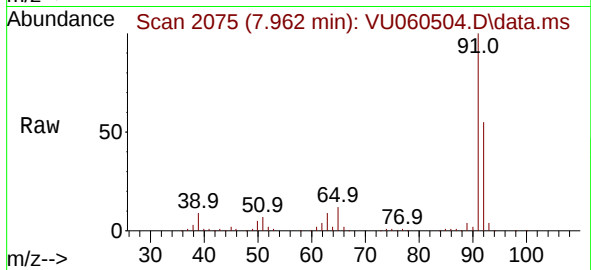




#42
Toluene
Concen: 11.515 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. -0.000 min
Lab File: VU060504.D
Acq: 22 Aug 2024 15:21

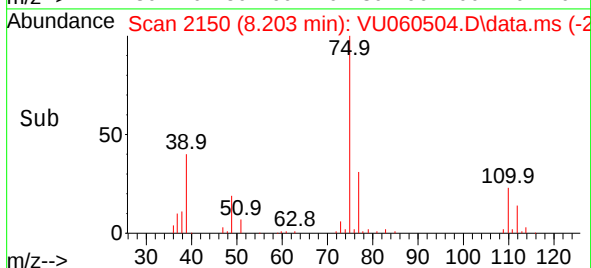
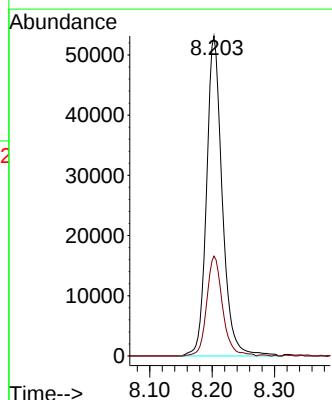
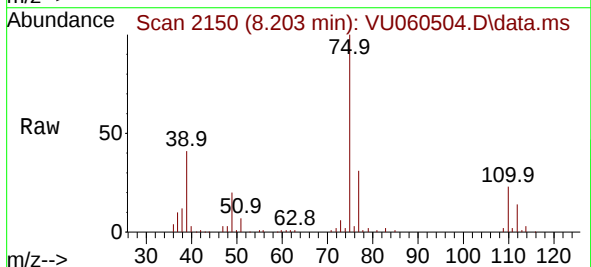
Instrument :
MSVOA_U
ClientSampleId :

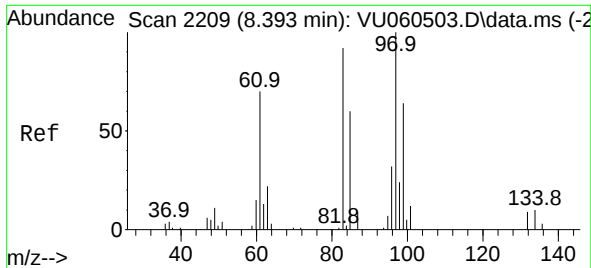
Tgt Ion: 91 Resp: 310059
Ion Ratio Lower Upper
91 100
92 55.0 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 11.833 ug/L
RT: 8.203 min Scan# 2150
Delta R.T. -0.003 min
Lab File: VU060504.D
Acq: 22 Aug 2024 15:21

Tgt Ion: 75 Resp: 93133
Ion Ratio Lower Upper
75 100
77 31.2 22.4 41.6



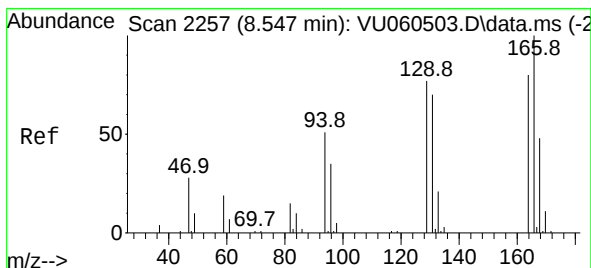
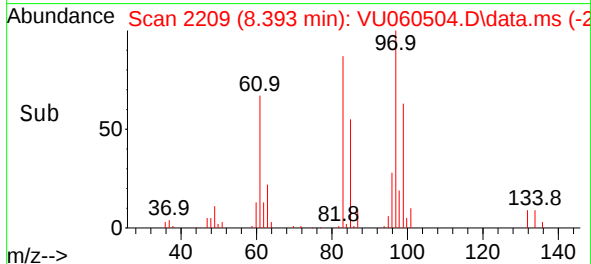
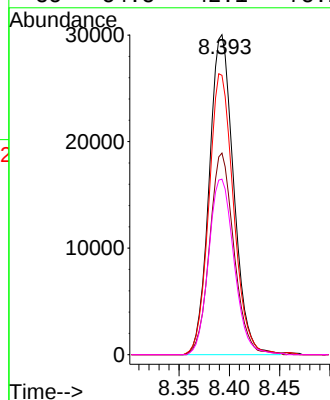
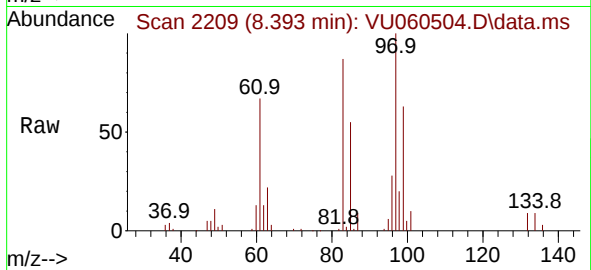


#45
1,1,2-Trichloroethane
Concen: 9.770 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VU060504.D
Acq: 22 Aug 2024 15:21

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 50834

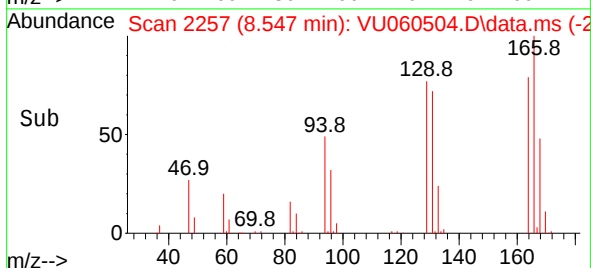
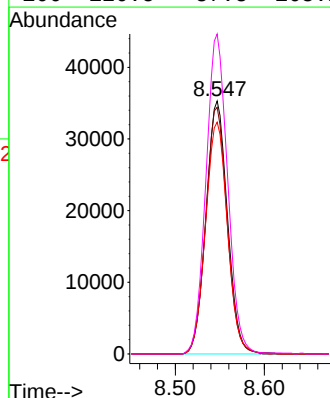
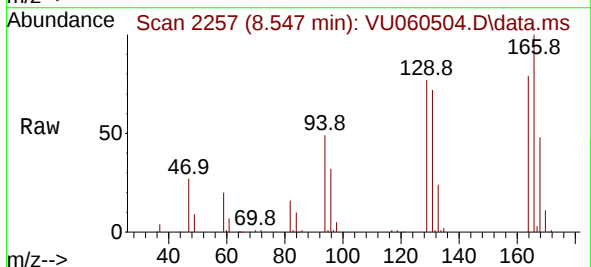
Ion	Ratio	Lower	Upper
97	100		
99	63.0	44.7	82.9
83	87.3	64.1	119.1
85	54.8	42.1	78.1

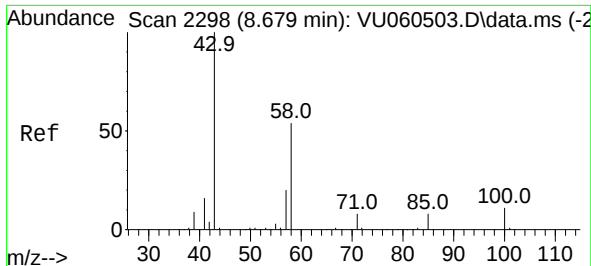


#47
Tetrachloroethene
Concen: 11.115 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU060504.D
Acq: 22 Aug 2024 15:21

Tgt Ion: 164 Resp: 58925

Ion	Ratio	Lower	Upper
164	100		
129	97.5	67.5	125.4
131	91.7	61.4	114.0
166	126.5	87.8	163.2

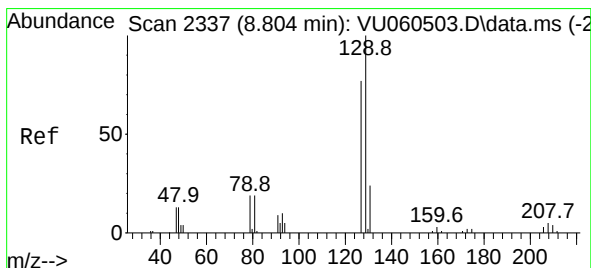
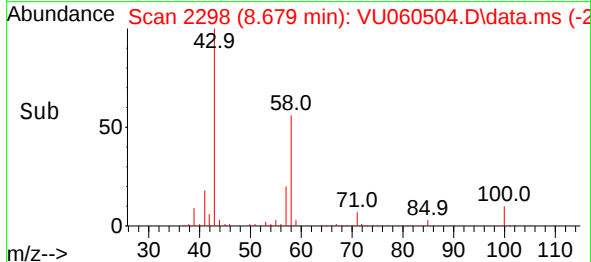
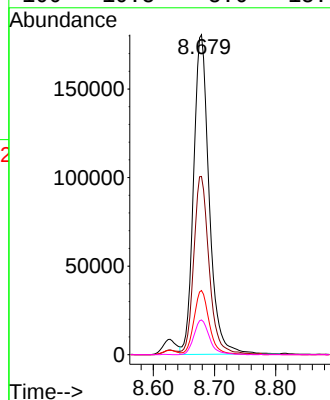
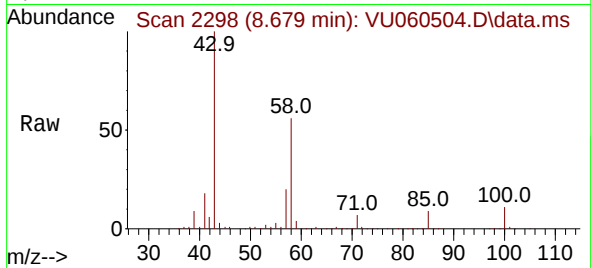




#48
2-Hexanone
Concen: 128.650 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU060504.D
Acq: 22 Aug 2024 15:21

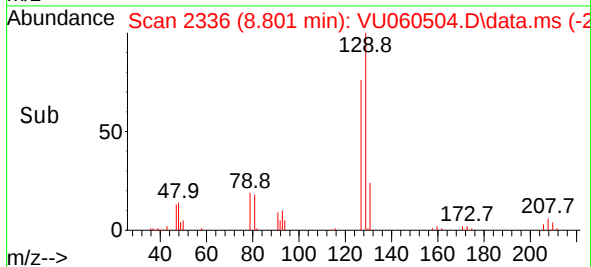
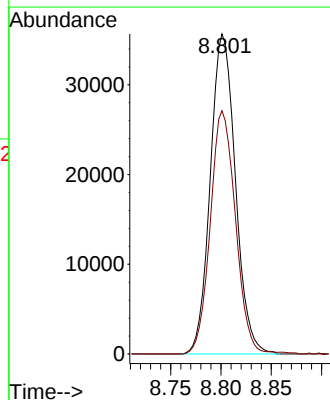
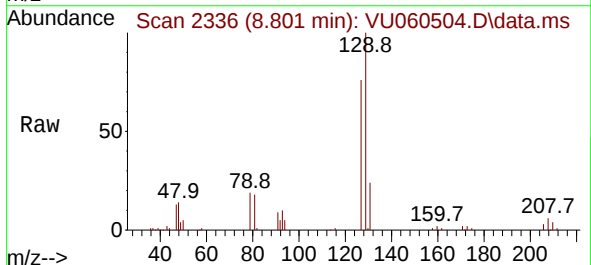
Instrument :
MSVOA_U
ClientSampleId :

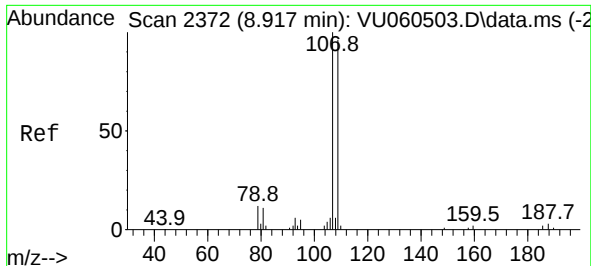
Tgt Ion: 43 Resp: 319398
Ion Ratio Lower Upper
43 100
58 54.7 43.0 64.4
57 19.3 16.4 24.6
100 10.8 8.6 13.0



#49
Dibromochloromethane
Concen: 11.139 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.003 min
Lab File: VU060504.D
Acq: 22 Aug 2024 15:21

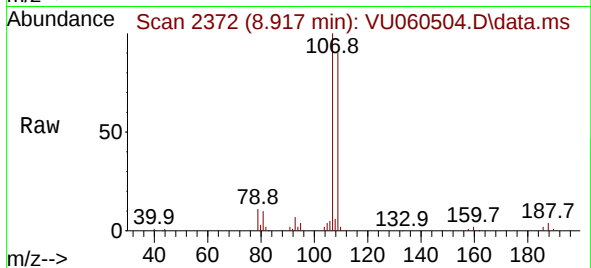
Tgt Ion:129 Resp: 61980
Ion Ratio Lower Upper
129 100
127 76.0 54.0 100.4



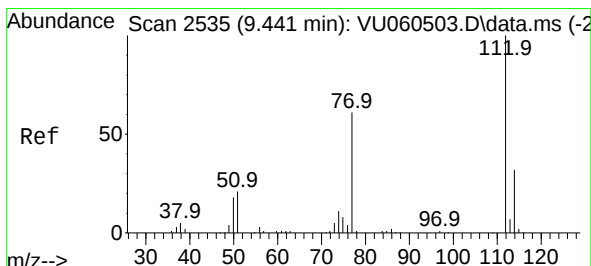
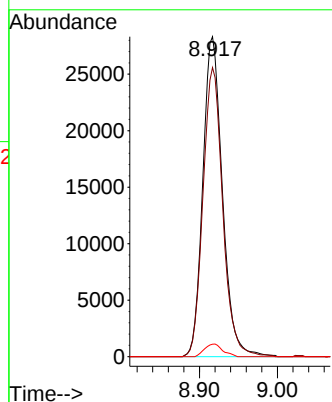
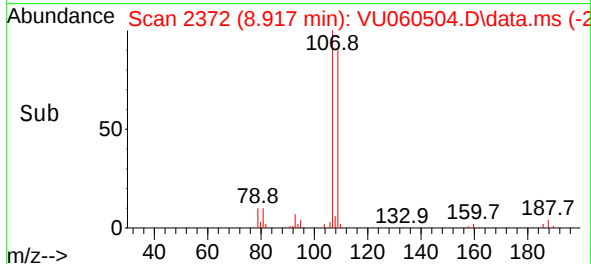


#50
1,2-Dibromoethane
Concen: 10.649 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU060504.D
Acq: 22 Aug 2024 15:21

Instrument :
MSVOA_U
ClientSampleId :

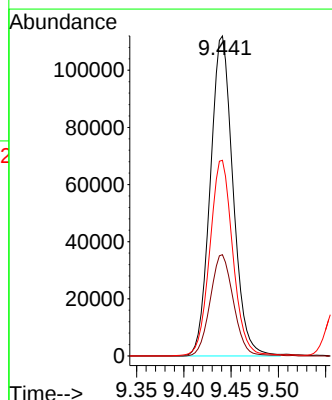
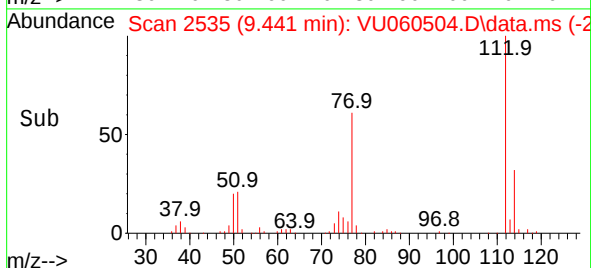
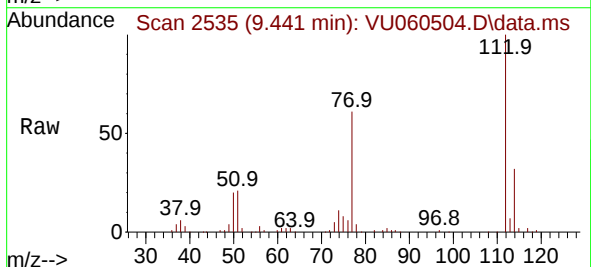


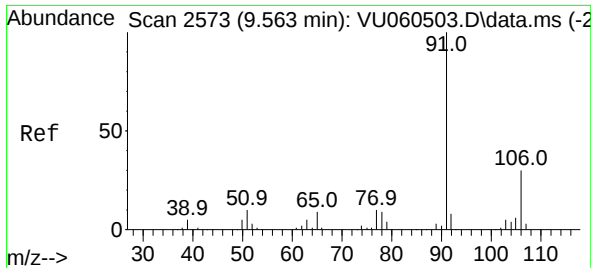
Tgt Ion:107 Resp: 49389
Ion Ratio Lower Upper
107 100
109 90.4 67.2 124.8
188 3.9 2.6 3.8#



#51
Chlorobenzene
Concen: 10.383 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU060504.D
Acq: 22 Aug 2024 15:21

Tgt Ion:112 Resp: 187503
Ion Ratio Lower Upper
112 100
114 31.6 22.2 41.2
77 61.2 49.3 73.9

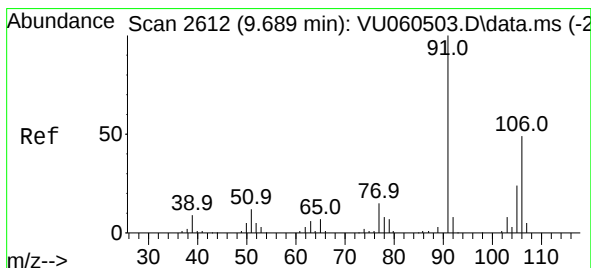
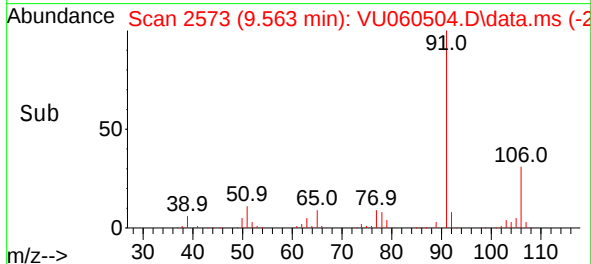
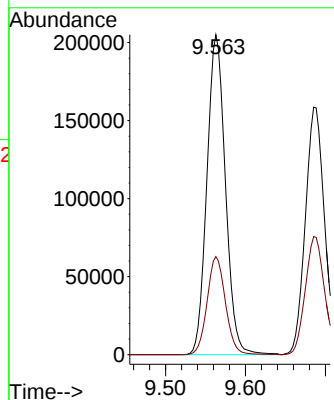
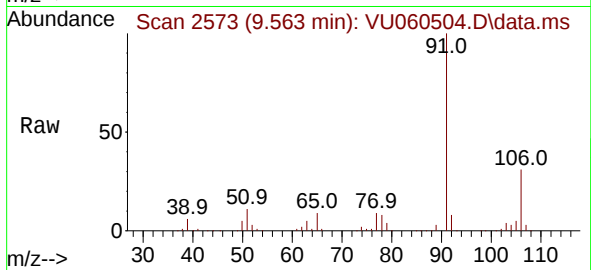




#52
Ethylbenzene
Concen: 11.575 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU060504.D
Acq: 22 Aug 2024 15:21

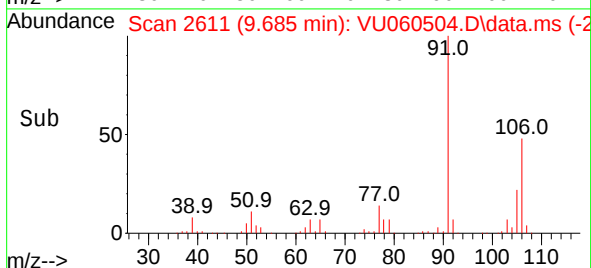
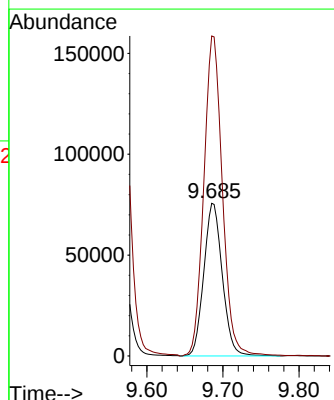
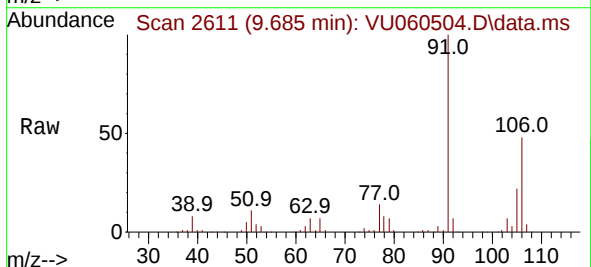
Instrument :
MSVOA_U
ClientSampleId :

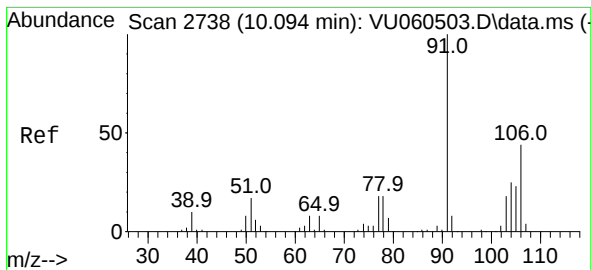
Tgt Ion: 91 Resp: 330368
Ion Ratio Lower Upper
91 100
106 30.6 21.3 39.6



#53
m,p-Xylene
Concen: 11.847 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.003 min
Lab File: VU060504.D
Acq: 22 Aug 2024 15:21

Tgt Ion:106 Resp: 127916
Ion Ratio Lower Upper
106 100
91 209.6 144.5 268.4





#54

o-Xylene

Concen: 11.813 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. -0.000 min

Lab File: VU060504.D

Acq: 22 Aug 2024 15:21

Instrument :

MSVOA_U

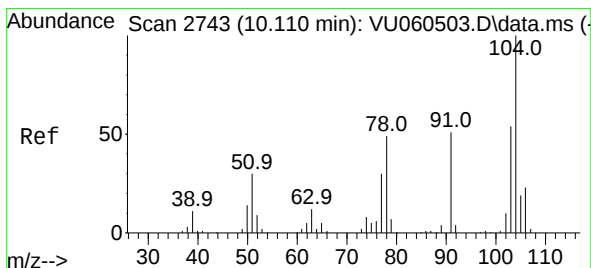
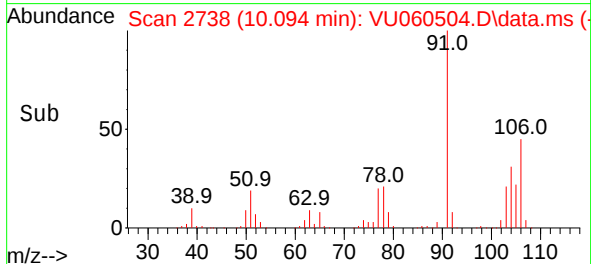
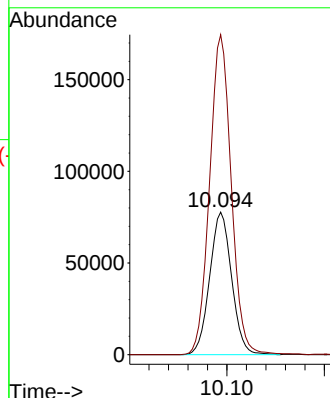
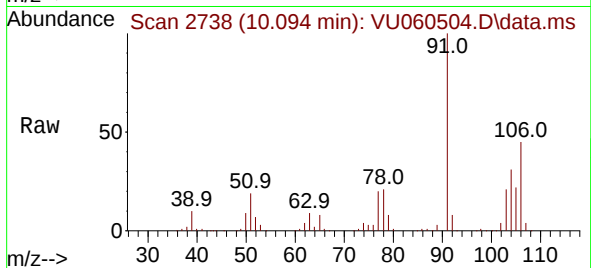
ClientSampleId :

Tgt Ion:106 Resp: 121630

Ion Ratio Lower Upper

106 100

91 224.4 158.0 293.4



#55

Styrene

Concen: 11.783 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. -0.003 min

Lab File: VU060504.D

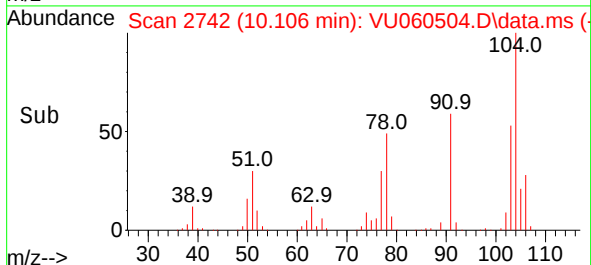
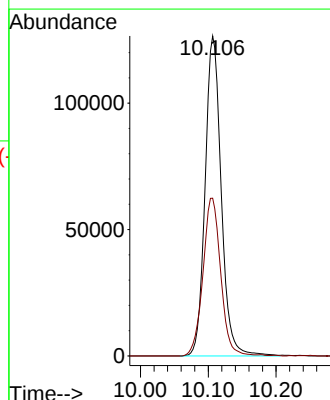
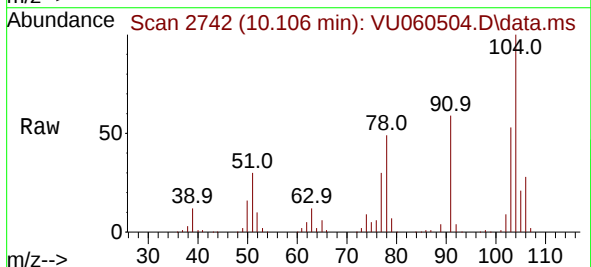
Acq: 22 Aug 2024 15:21

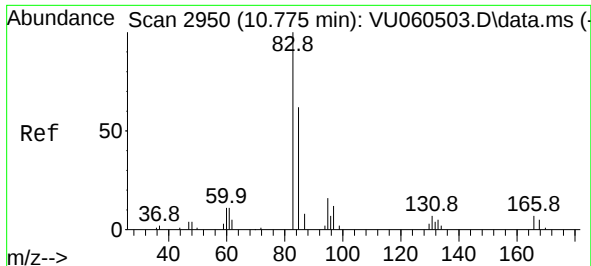
Tgt Ion:104 Resp: 209277

Ion Ratio Lower Upper

104 100

78 49.3 34.4 63.8





#57

1,1,2,2-Tetrachloroethane

Concen: 9.764 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.003 min

Lab File: VU060504.D

Acq: 22 Aug 2024 15:21

Instrument :

MSVOA_U

ClientSampleId :

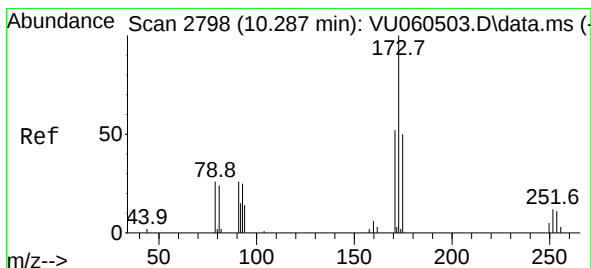
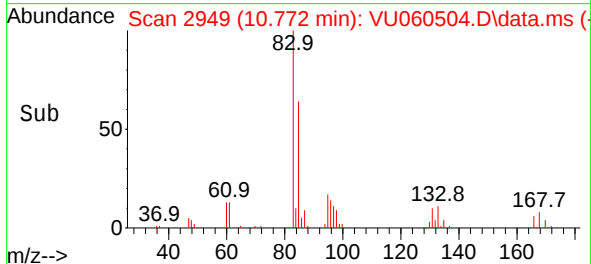
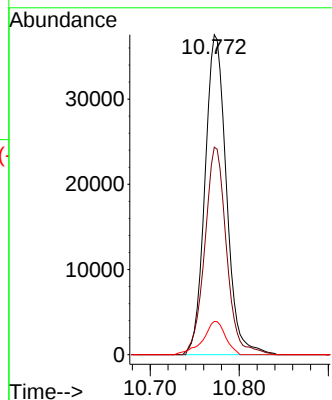
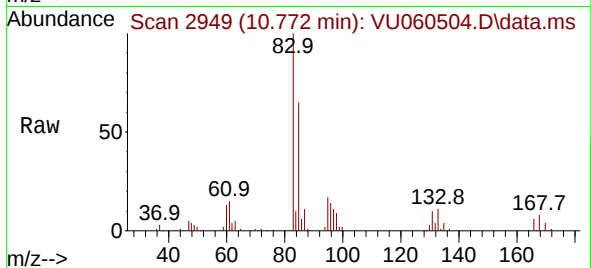
Tgt Ion: 83 Resp: 62669

Ion Ratio Lower Upper

83 100

85 64.9 43.8 81.3

131 10.4 6.8 10.2#



#59

Bromoform

Concen: 11.053 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.003 min

Lab File: VU060504.D

Acq: 22 Aug 2024 15:21

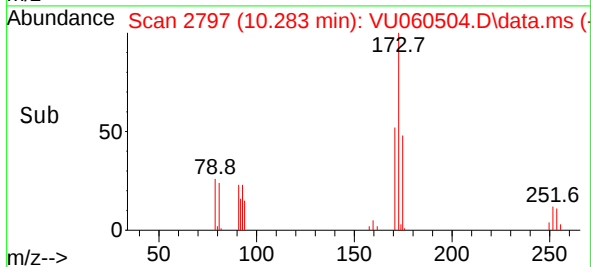
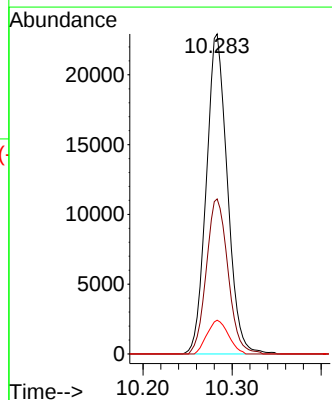
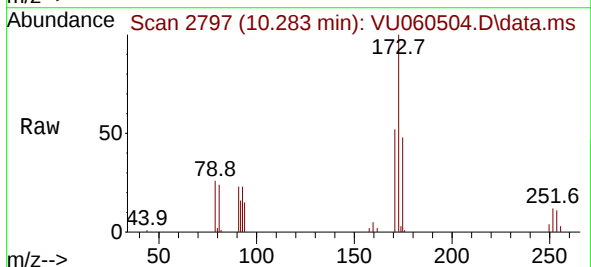
Tgt Ion:173 Resp: 37623

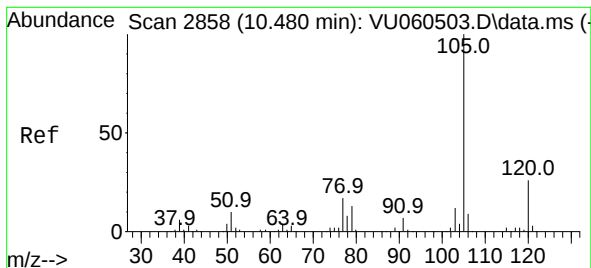
Ion Ratio Lower Upper

173 100

175 49.7 36.9 55.3

254 10.7 8.4 12.6





#60

Isopropylbenzene

Concen: 12.135 ug/L

RT: 10.476 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU060504.D

Acq: 22 Aug 2024 15:21

Instrument :

MSVOA_U

ClientSampleId :

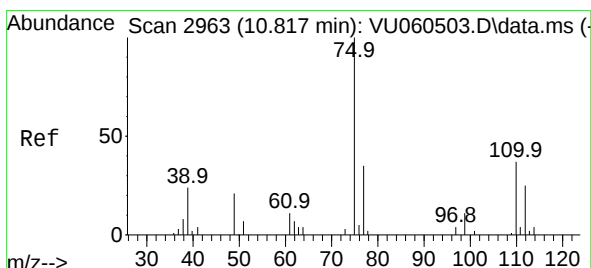
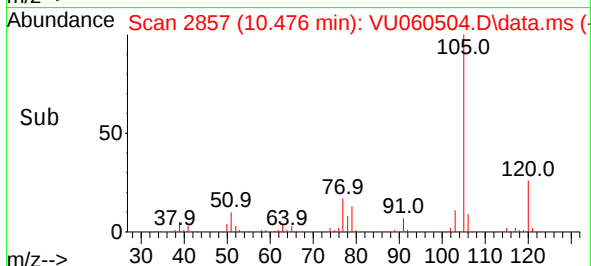
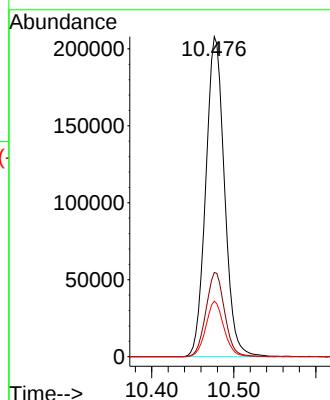
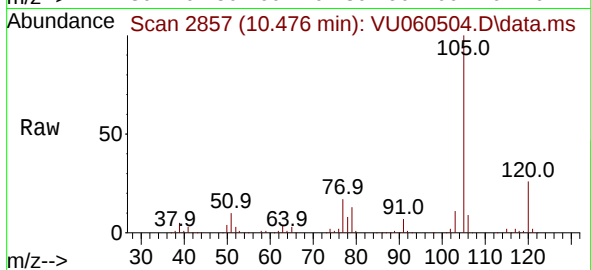
Tgt Ion:105 Resp: 329536

Ion Ratio Lower Upper

105 100

120 26.3 20.6 31.0

77 16.8 13.9 20.9



#61

1,2,3-Trichloropropane

Concen: 10.793 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.003 min

Lab File: VU060504.D

Acq: 22 Aug 2024 15:21

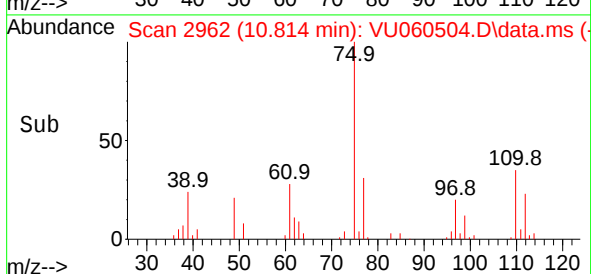
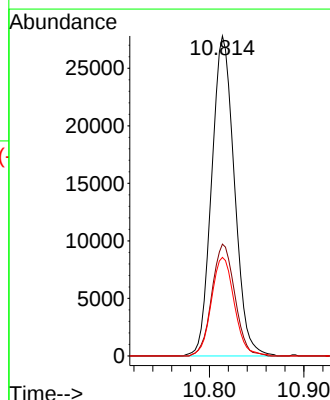
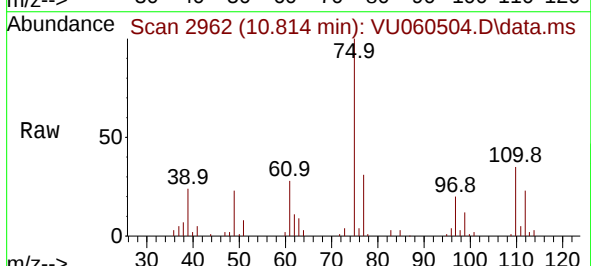
Tgt Ion: 75 Resp: 46353

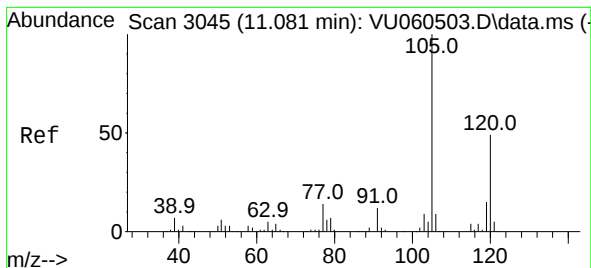
Ion Ratio Lower Upper

75 100

110 35.3 29.1 43.7

77 31.2 27.5 41.3

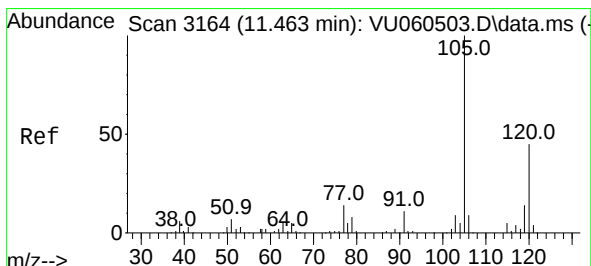
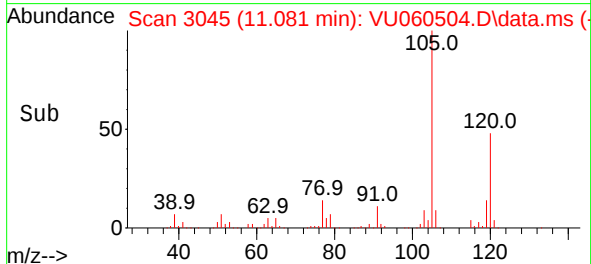
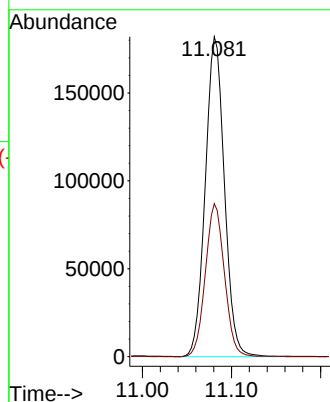
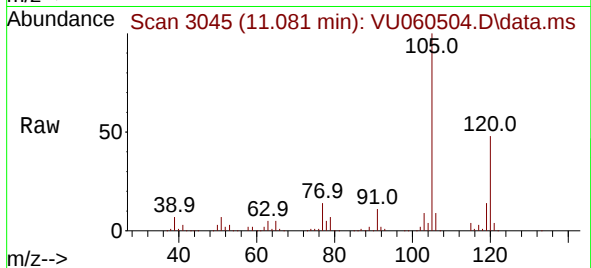




#62
1,3,5-Trimethylbenzene
Concen: 12.944 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU060504.D
Acq: 22 Aug 2024 15:21

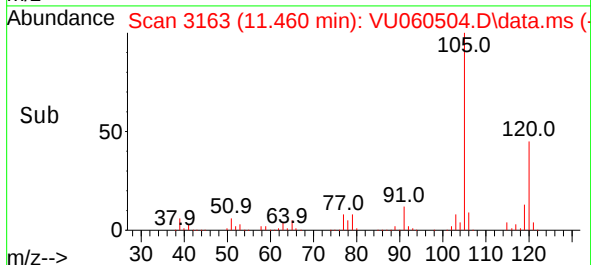
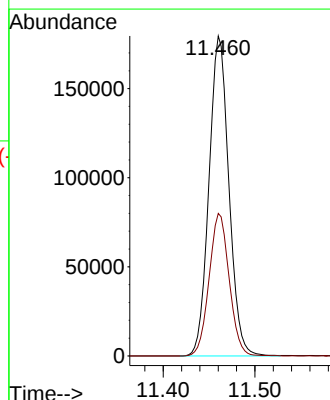
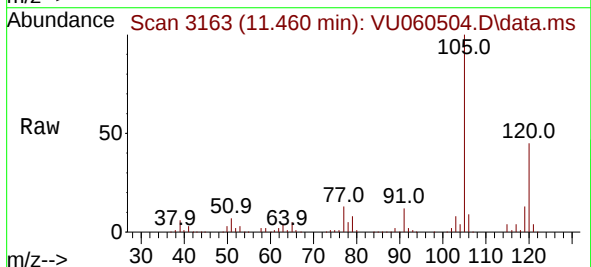
Instrument :
MSVOA_U
ClientSampleId :

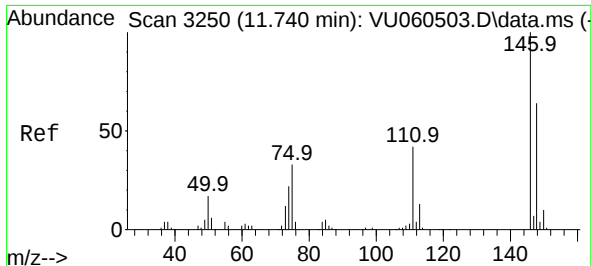
Tgt Ion:105 Resp: 271076
Ion Ratio Lower Upper
105 100
120 47.6 39.4 59.0



#63
1,2,4-Trimethylbenzene
Concen: 12.499 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. -0.003 min
Lab File: VU060504.D
Acq: 22 Aug 2024 15:21

Tgt Ion:105 Resp: 270435
Ion Ratio Lower Upper
105 100
120 44.9 36.0 54.0





#64

1,3-Dichlorobenzene

Concen: 10.859 ug/L

RT: 11.737 min Scan# 31

Delta R.T. -0.003 min

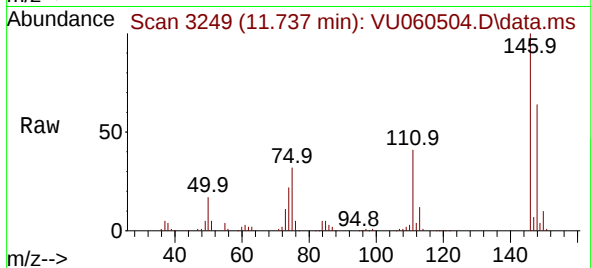
Lab File: VU060504.D

Acq: 22 Aug 2024 15:21

Instrument :

MSVOA_U

ClientSampleId :



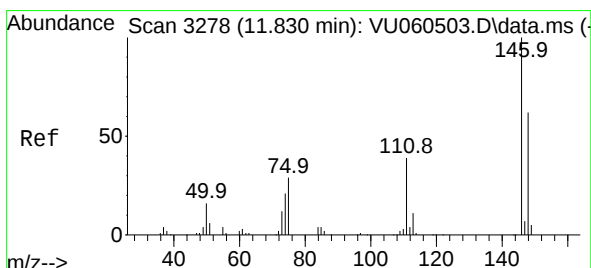
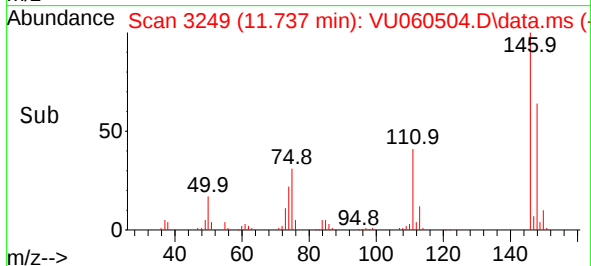
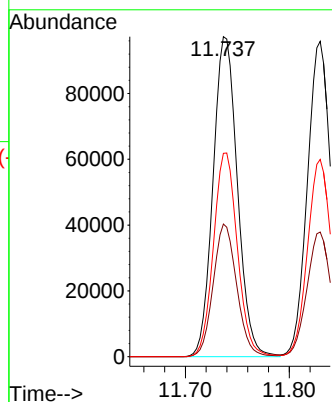
Tgt Ion:146 Resp: 158597

Ion Ratio Lower Upper

146 100

111 41.5 29.5 54.9

148 63.6 45.0 83.6



#65

1,4-Dichlorobenzene

Concen: 10.700 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU060504.D

Acq: 22 Aug 2024 15:21

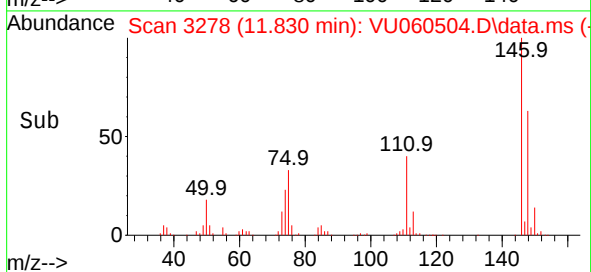
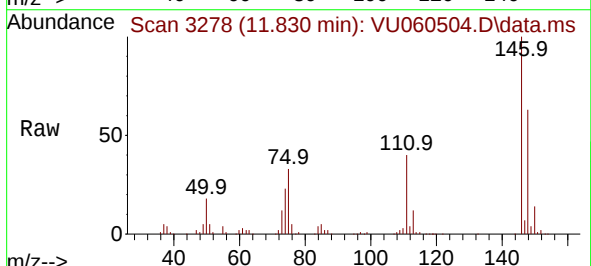
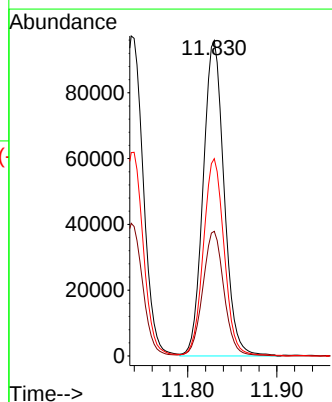
Tgt Ion:146 Resp: 156552

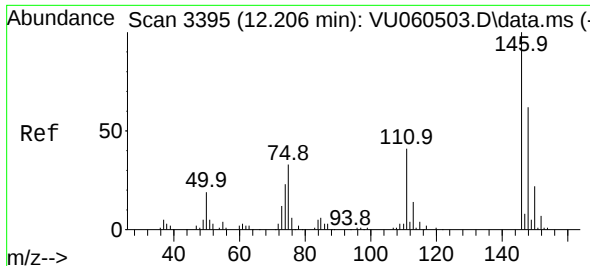
Ion Ratio Lower Upper

146 100

111 39.5 27.9 51.7

148 62.6 43.7 81.1





#67

1,2-Dichlorobenzene

Concen: 11.068 ug/L

RT: 12.203 min Scan# 3395

Delta R.T. -0.003 min

Lab File: VU060504.D

Acq: 22 Aug 2024 15:21

Instrument :

MSVOA_U

ClientSampleId :

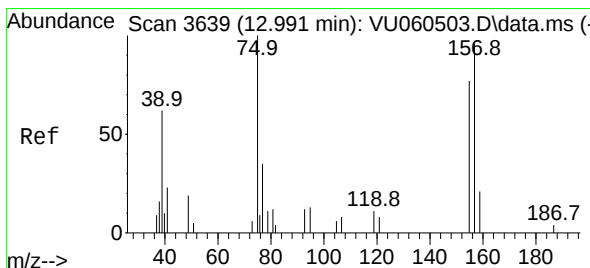
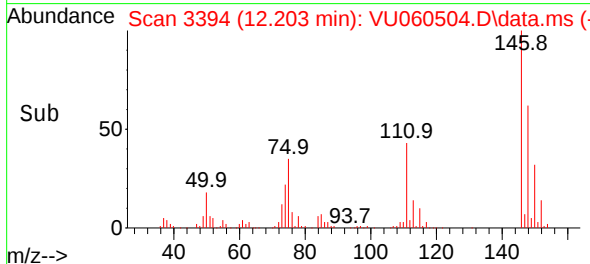
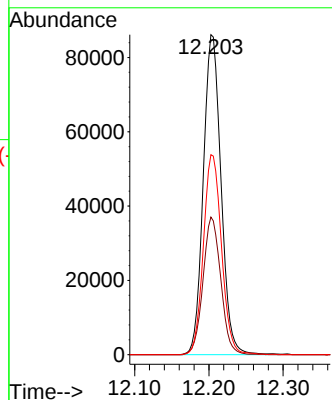
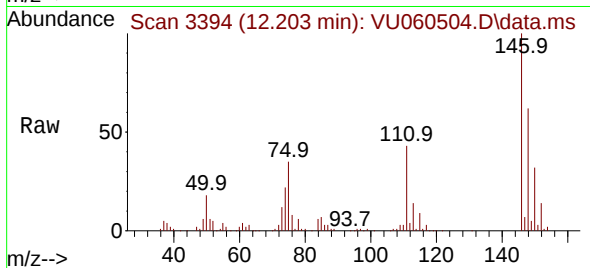
Tgt Ion:146 Resp: 143092

Ion Ratio Lower Upper

146 100

111 43.0 32.7 49.1

148 62.5 49.4 74.0



#68

1,2-Dibromo-3-chloropropane

Concen: 12.547 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU060504.D

Acq: 22 Aug 2024 15:21

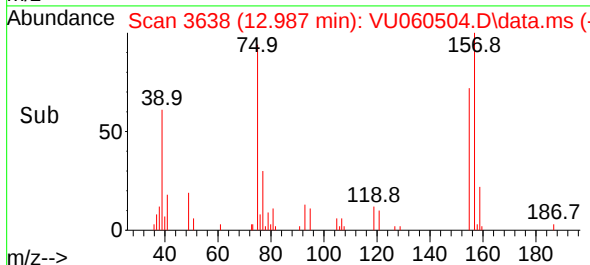
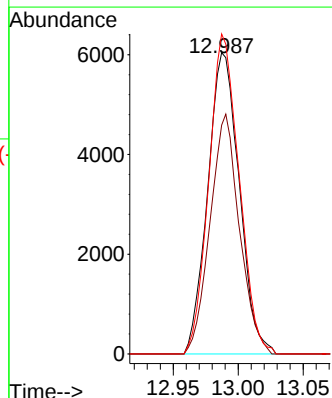
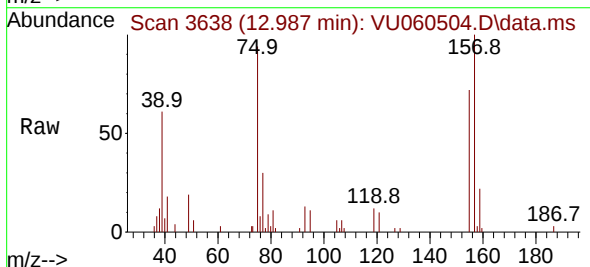
Tgt Ion: 75 Resp: 10188

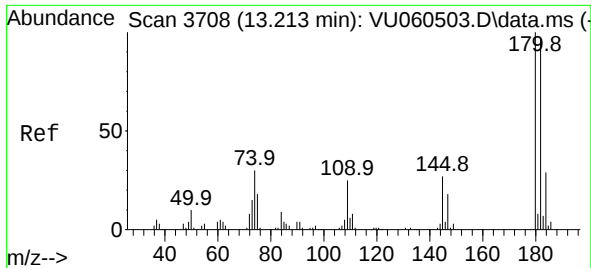
Ion Ratio Lower Upper

75 100

155 76.0 61.3 91.9

157 106.2 76.6 115.0





#69

1,3,5-Trichlorobenzene

Concen: 11.161 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.000 min

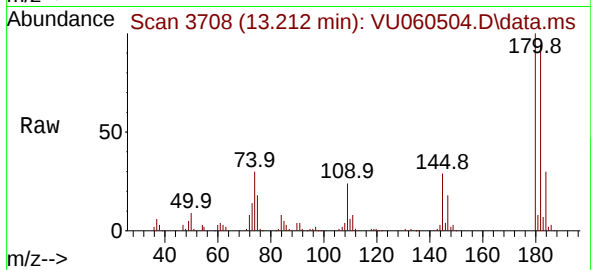
Lab File: VU060504.D

Acq: 22 Aug 2024 15:21

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 116072

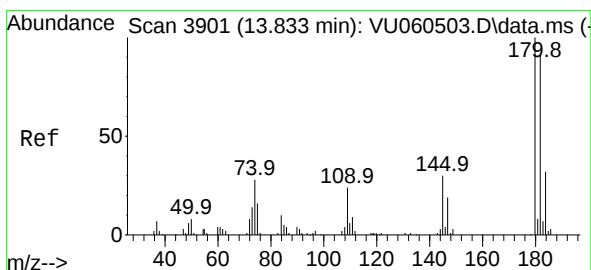
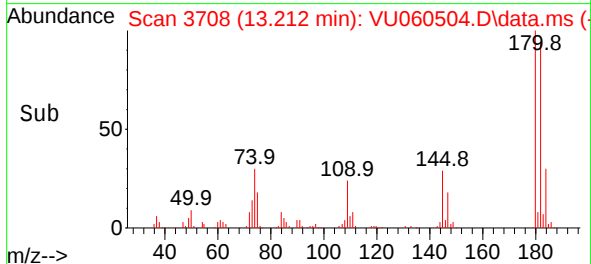
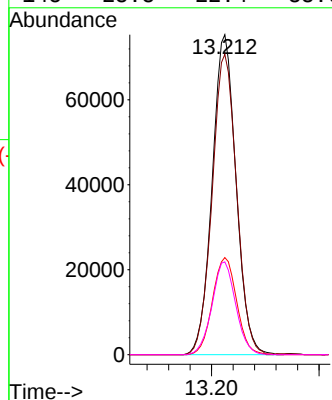
Ion Ratio Lower Upper

180 100

182 95.9 76.9 115.3

184 30.8 24.2 36.2

145 28.8 22.4 33.6



#70

1,2,4-trichlorobenzene

Concen: 11.554 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU060504.D

Acq: 22 Aug 2024 15:21

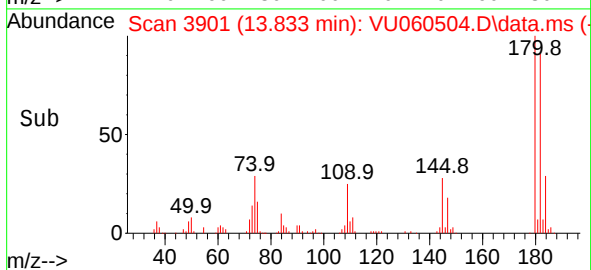
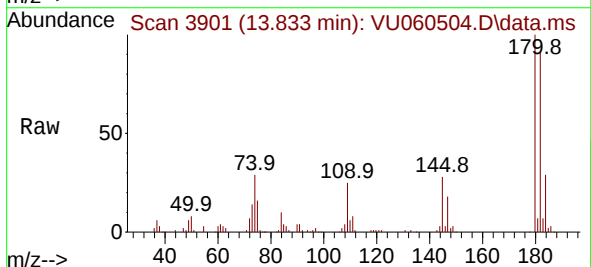
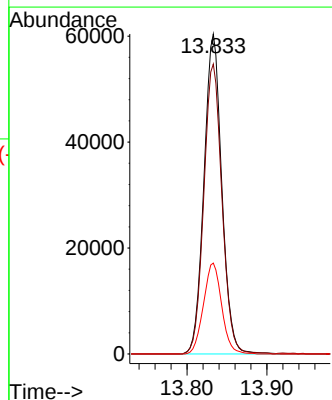
Tgt Ion:180 Resp: 93890

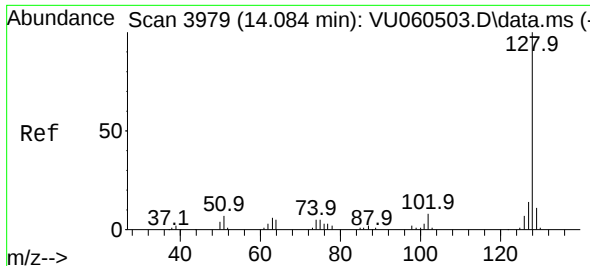
Ion Ratio Lower Upper

180 100

182 92.4 75.0 112.6

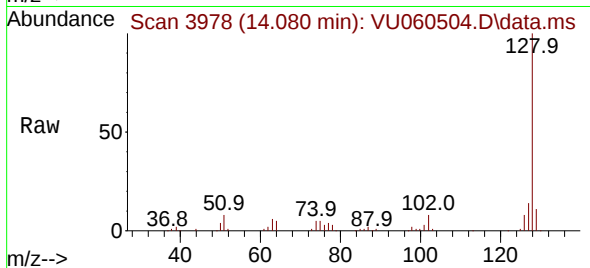
145 29.0 23.2 34.8



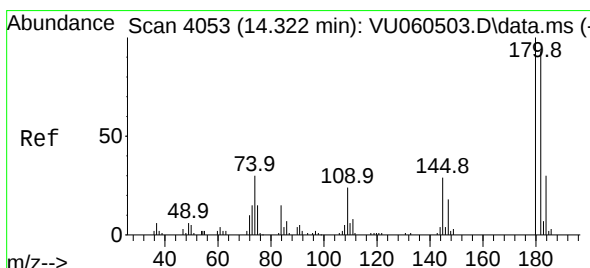
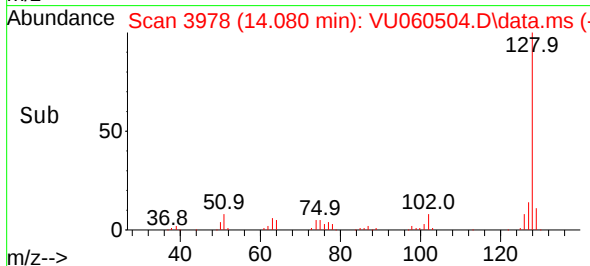
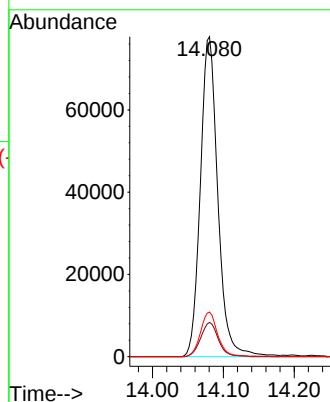


#71
Naphthalene
Concen: 11.725 ug/L
RT: 14.080 min Scan# 3979
Delta R.T. -0.003 min
Lab File: VU060504.D
Acq: 22 Aug 2024 15:21

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 133411
Ion Ratio Lower Upper
128 100
129 10.8 8.3 12.5
127 13.7 10.9 16.3



#72
1,2,3-Trichlorobenzene
Concen: 11.488 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU060504.D
Acq: 22 Aug 2024 15:21

Tgt Ion:180 Resp: 83212
Ion Ratio Lower Upper
180 100
182 94.7 75.6 113.4
145 30.8 24.0 36.0

