

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
 Data File : VU060913.D
 Acq On : 19 Sep 2024 21:09
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 20 00:01:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 19 23:54:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	137606	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	143265	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	74074	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	43297	3.498	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.000%
7) Chloroethane-d5	1.911	69	36654	4.160	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.200%
11) 1,1-Dichloroethene-d2	2.560	65	17737	4.043	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.800%
20) 2-Butanone-d5	4.634	46	92804	46.707	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.420%
24) Chloroform-d	5.055	84	90185	4.766	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.695	65	41285	4.565	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	5.721	84	169497	4.414	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.682	67	52173	4.391	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.891	98	160689	4.590	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	8.174	79	18782	4.392	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.627	63	84555	50.123	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.240%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	43499	4.673	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	58241	4.679	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	52425	5.047	ug/L	98
3) Chloromethane	1.518	50	48622	4.431	ug/L	98
5) Vinyl chloride	1.602	62	58415	4.919	ug/L	99
6) Bromomethane	1.856	94	28680	3.779	ug/L	97
8) Chloroethane	1.933	64	36661	5.053	ug/L	98
9) Trichlorofluoromethane	2.133	101	93858	5.754	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	49693	5.243	ug/L	94
12) 1,1-Dichloroethene	2.573	96	45101	5.211	ug/L	89
13) Acetone	2.647	43	65261	49.232	ug/L	97
14) Carbon disulfide	2.788	76	128829	5.365	ug/L	99
15) Methyl Acetate	2.956	43	16424	5.082	ug/L #	83
16) Methylene chloride	3.039	84	59481	5.934	ug/L	95
17) Methyl tert-butyl Ether	3.358	73	99009	5.061	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	44861	5.002	ug/L	95
19) 1,1-Dichloroethane	3.859	63	90136	5.005	ug/L	98
21) 2-Butanone	4.711	43	120499	55.843	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	52409	5.280	ug/L	92
23) Bromochloromethane	4.968	128	24743	5.278	ug/L	87
25) Chloroform	5.078	83	99580	5.303	ug/L	95

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 MSVOA_U
 ClientSampleId :

Quant Time: Sep 20 00:01:58 2024
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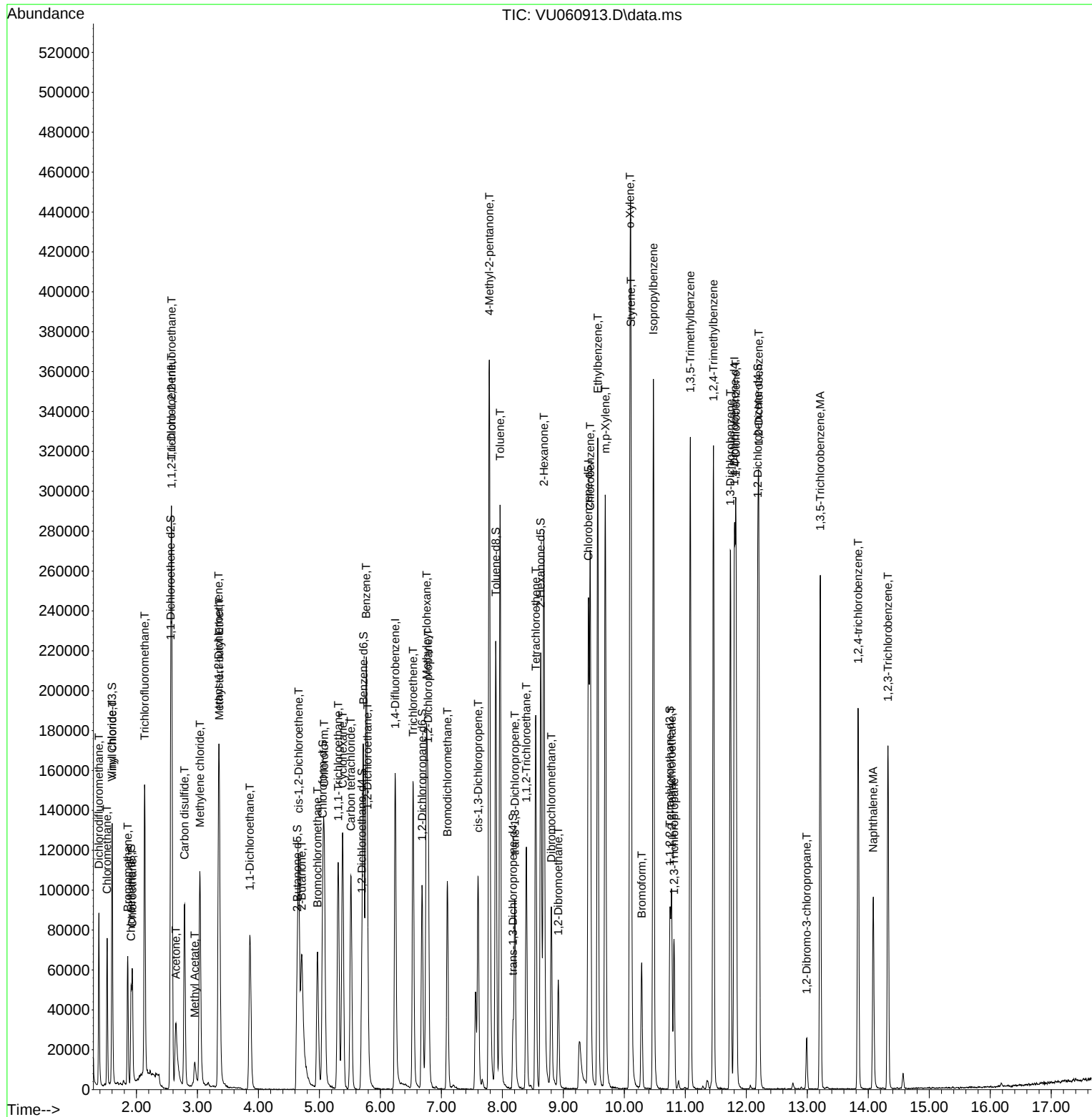
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	55276	5.080	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	86531	5.595	ug/L	98
30) Cyclohexane	5.380	56	59077	4.647	ug/L	95
31) Carbon tetrachloride	5.515	117	77996	5.696	ug/L	100
33) Benzene	5.766	78	200630	5.093	ug/L	100
34) Trichloroethene	6.534	95	54560	5.283	ug/L	96
35) Methylcyclohexane	6.756	83	66676	4.706	ug/L	98
37) 1,2-Dichloropropane	6.782	63	52705	4.855	ug/L #	95
38) Bromodichloromethane	7.097	83	71349	5.359	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	70756	4.901	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	236375	46.632	ug/L	96
42) Toluene	7.962	91	227067	5.513	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	59975	5.052	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	39573	5.050	ug/L	97
47) Tetrachloroethene	8.547	164	44624	5.438	ug/L	98
48) 2-Hexanone	8.679	43	178918	48.425	ug/L	98
49) Dibromochloromethane	8.801	129	47252	5.297	ug/L	97
50) 1,2-Dibromoethane	8.917	107	36837	5.267	ug/L #	98
51) Chlorobenzene	9.441	112	147144	5.320	ug/L	97
52) Ethylbenzene	9.563	91	232383	5.359	ug/L	100
53) m,p-Xylene	9.689	106	90469	5.503	ug/L	99
54) o-Xylene	10.094	106	86652	5.341	ug/L	98
55) Styrene	10.110	104	151521	5.541	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	48222	4.933	ug/L	96
59) Bromoform	10.283	173	30157	5.402	ug/L	97
60) Isopropylbenzene	10.476	105	232609	5.299	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	33377	4.831	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	172902	5.068	ug/L	97
63) 1,2,4-Trimethylbenzene	11.460	105	176269	5.229	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	116458	5.276	ug/L	96
65) 1,4-Dichlorobenzene	11.830	146	116527	5.107	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	110522	5.296	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	6927	5.135	ug/L	87
69) 1,3,5-Trichlorobenzene	13.213	180	85432	5.174	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	65603	5.641	ug/L	97
71) Naphthalene	14.081	128	82659	5.389	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	56708	5.644	ug/L	96

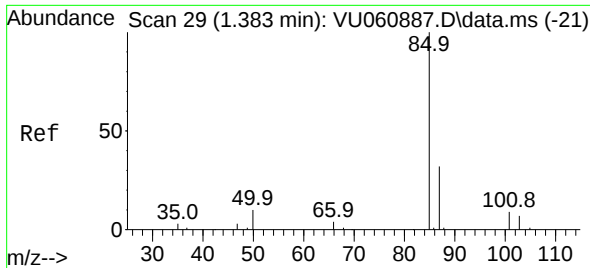
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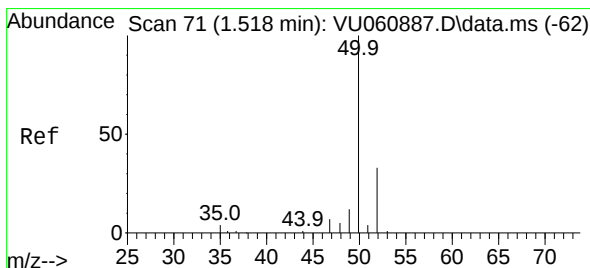
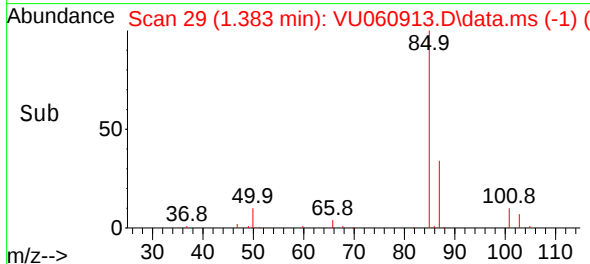
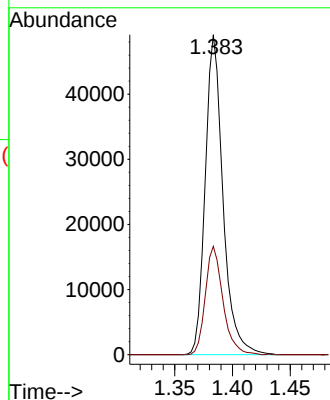
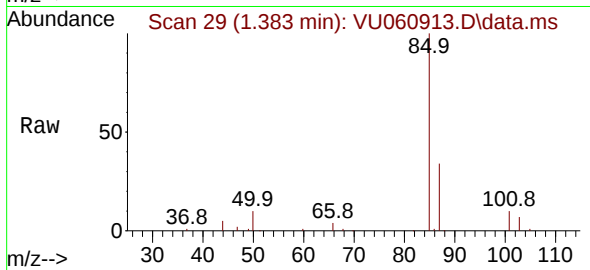




#2
Dichlorodifluoromethane
Concen: 5.047 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU060913.D
Acq: 19 Sep 2024 21:09

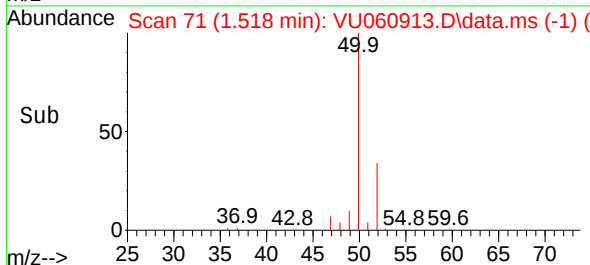
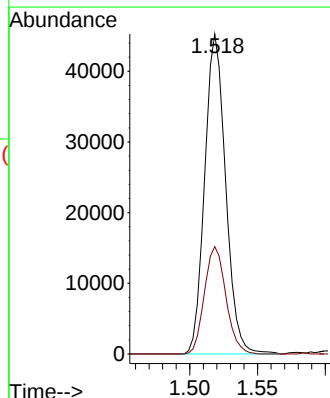
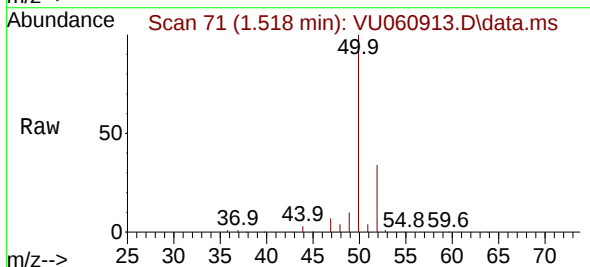
Instrument :
MSVOA_U
ClientSampleId :

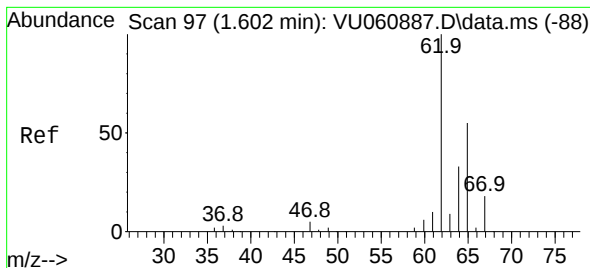
Tgt Ion: 85 Resp: 52425
Ion Ratio Lower Upper
85 100
87 33.6 26.2 39.2



#3
Chloromethane
Concen: 4.431 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU060913.D
Acq: 19 Sep 2024 21:09

Tgt Ion: 50 Resp: 48622
Ion Ratio Lower Upper
50 100
52 33.5 24.4 45.4





#5

Vinyl chloride

Concen: 4.919 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU060913.D

Acq: 19 Sep 2024 21:09

Instrument :

MSVOA_U

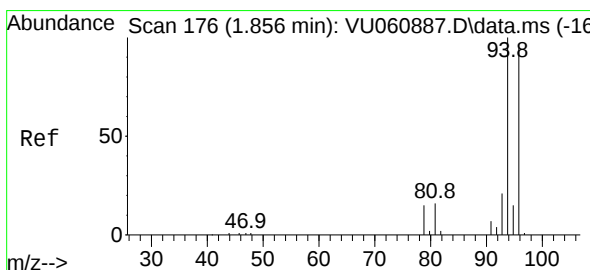
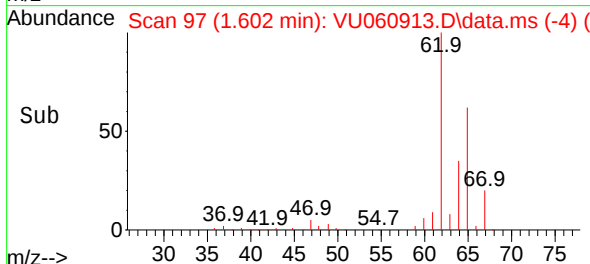
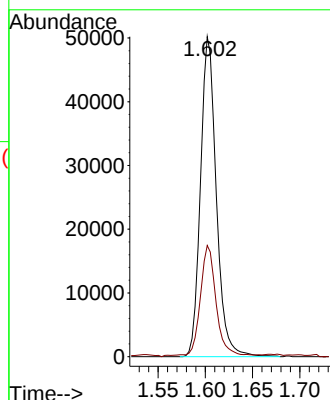
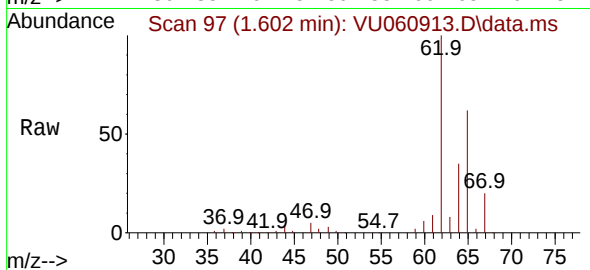
ClientSampleId :

Tgt Ion: 62 Resp: 58415

Ion Ratio Lower Upper

62 100

64 34.8 24.0 44.6



#6

Bromomethane

Concen: 3.779 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.000 min

Lab File: VU060913.D

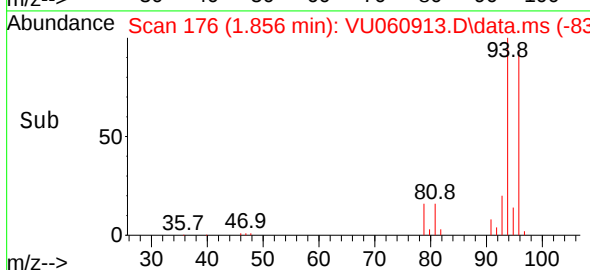
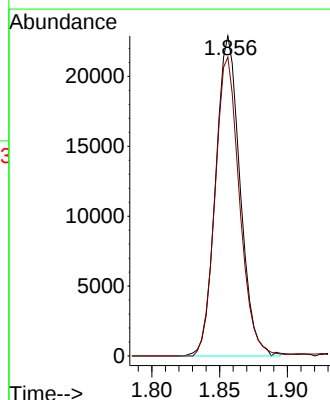
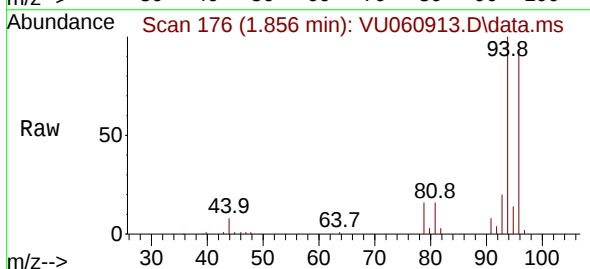
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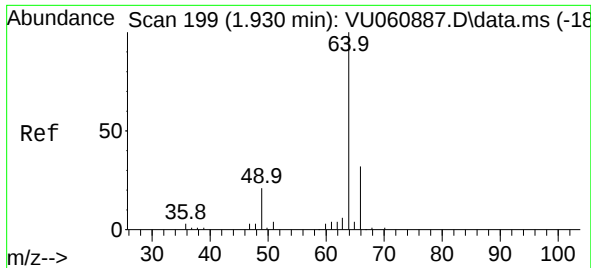
Tgt Ion: 94 Resp: 28680

Ion Ratio Lower Upper

94 100

96 93.4 67.3 124.9

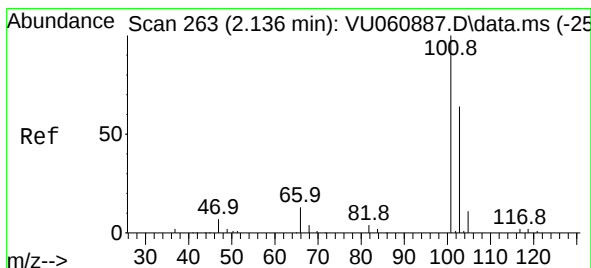
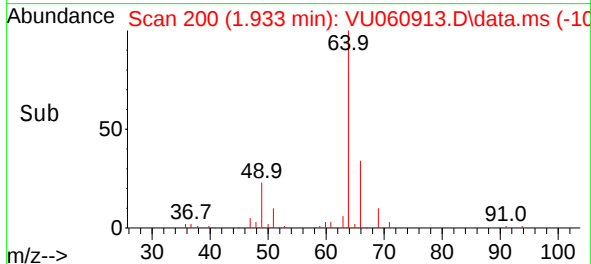
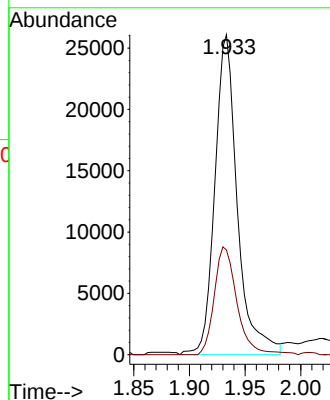
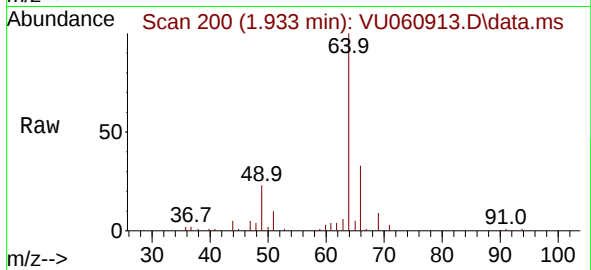




#8
Chloroethane
Concen: 5.053 ug/L
RT: 1.933 min Scan# 20
Delta R.T. 0.003 min
Lab File: VU060913.D
Acq: 19 Sep 2024 21:09

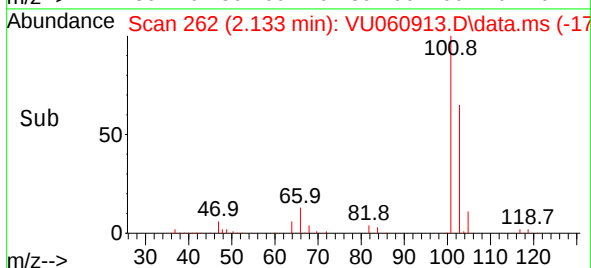
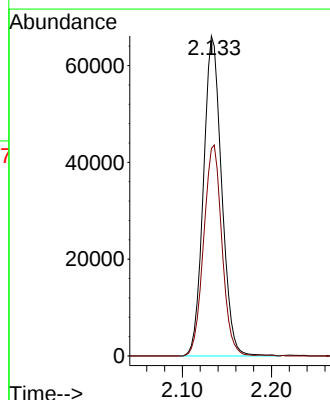
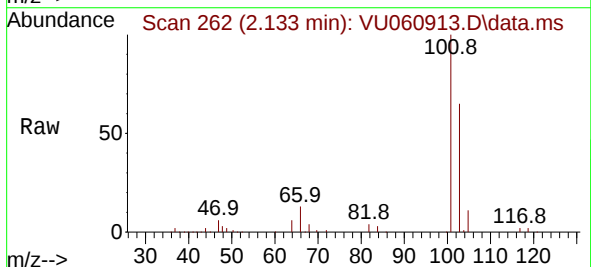
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MSVOA_U
ClientSampleId :

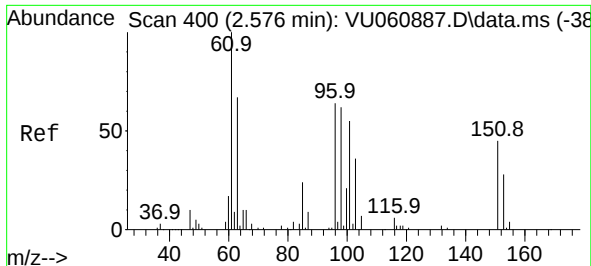
Tgt Ion: 64 Resp: 36661
Ion Ratio Lower Upper
64 100
66 32.7 22.3 41.3



#9
Trichlorofluoromethane
Concen: 5.754 ug/L
RT: 2.133 min Scan# 262
Delta R.T. -0.003 min
Lab File: VU060913.D
Acq: 19 Sep 2024 21:09

Tgt Ion:101 Resp: 93858
Ion Ratio Lower Upper
101 100
103 66.1 51.4 77.2

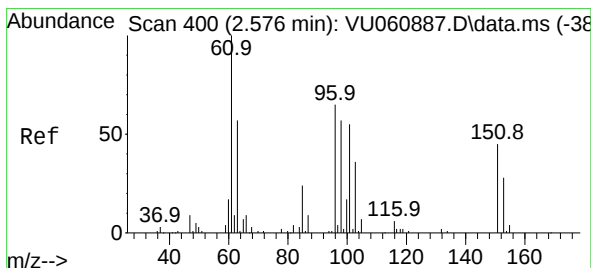
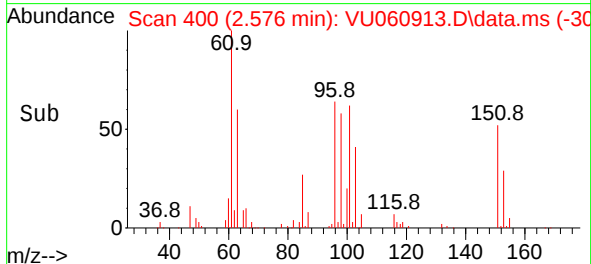
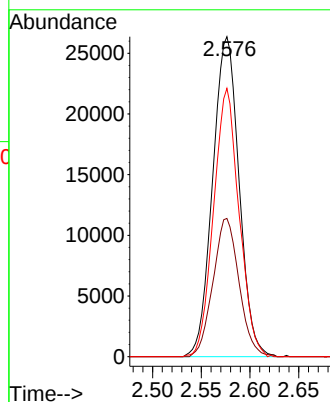
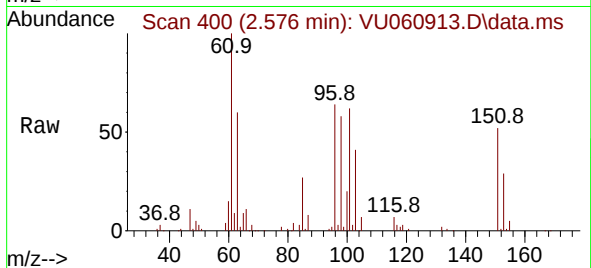




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.243 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU060913.D
Acq: 19 Sep 2024 21:09

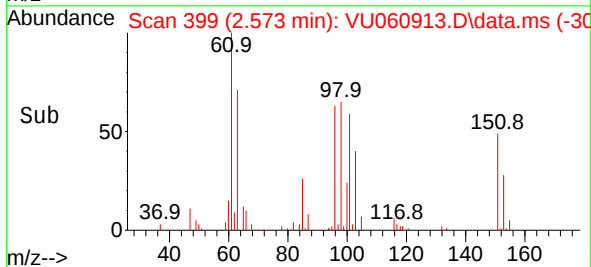
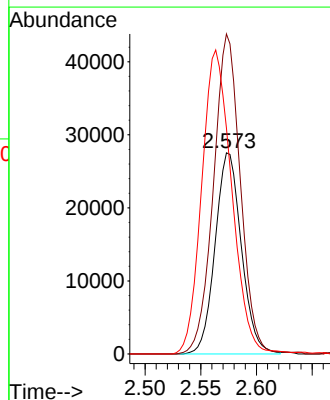
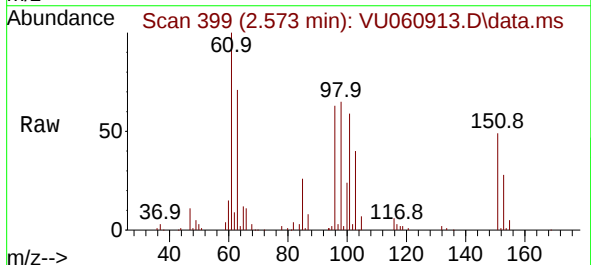
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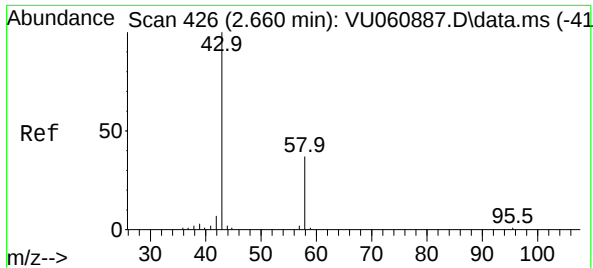
Tgt Ion:101 Resp: 49693
Ion Ratio Lower Upper
101 100
85 42.6 34.2 51.4
151 80.9 58.6 88.0



#12
1,1-Dichloroethene
Concen: 5.211 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU060913.D
Acq: 19 Sep 2024 21:09

Tgt Ion: 96 Resp: 45101
Ion Ratio Lower Upper
96 100
61 159.1 120.7 224.1
63 112.4 90.0 167.2





#13

Acetone

Concen: 49.232 ug/L

RT: 2.647 min Scan# 41

Delta R.T. -0.013 min

Lab File: VU060913.D

Acq: 19 Sep 2024 21:09

Instrument :

MSVOA_U

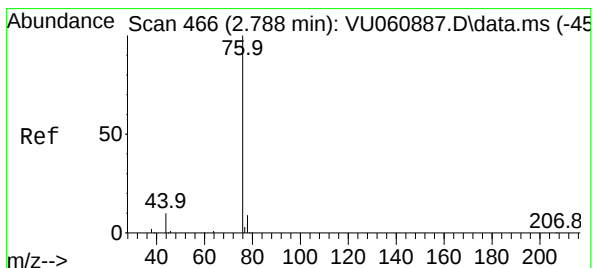
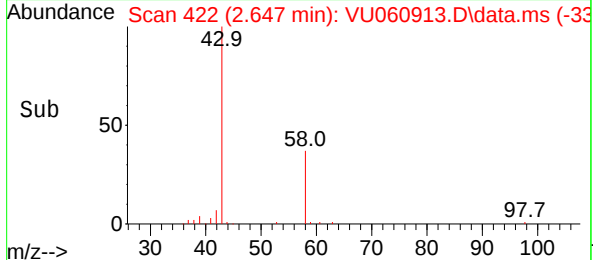
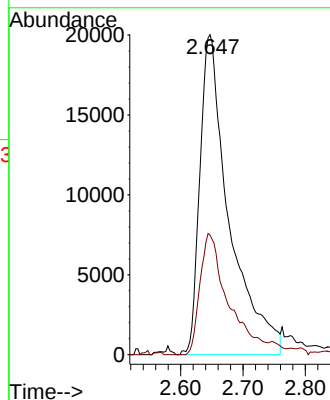
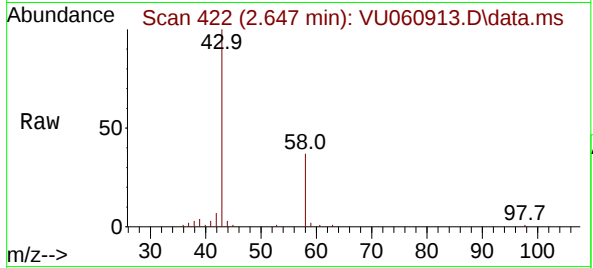
ClientSampleId :

Tgt Ion: 43 Resp: 65261

Ion Ratio Lower Upper

43 100

58 36.6 0.0 69.6



#14

Carbon disulfide

Concen: 5.365 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU060913.D

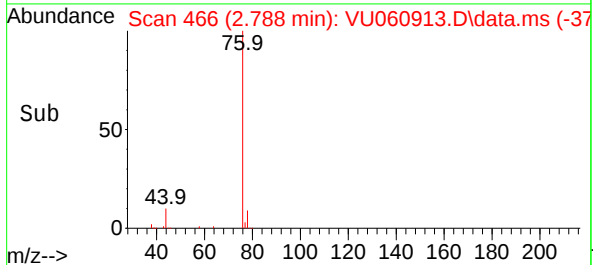
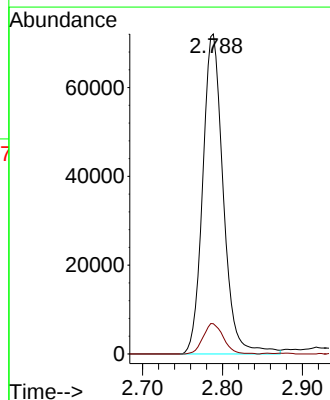
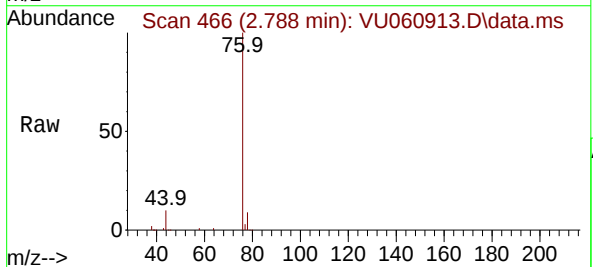
Acq: 19 Sep 2024 21:09

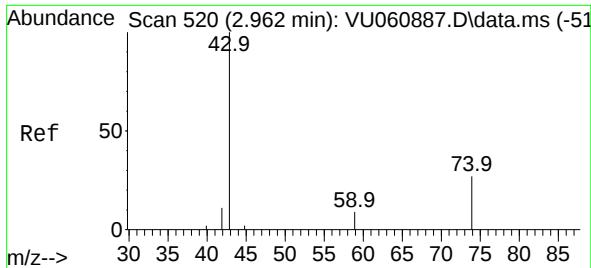
Tgt Ion: 76 Resp: 128829

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7

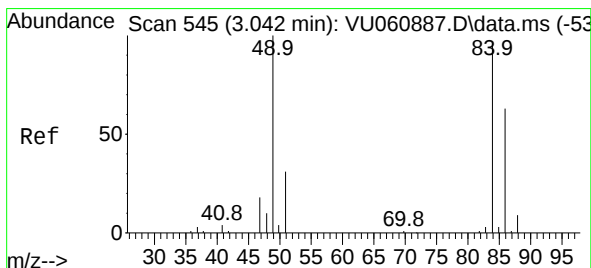
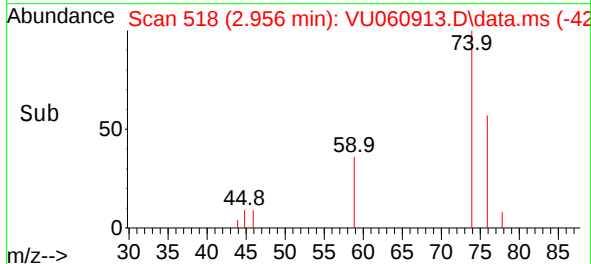
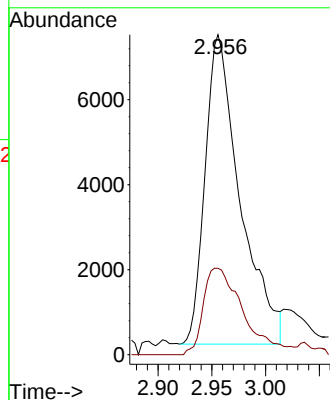
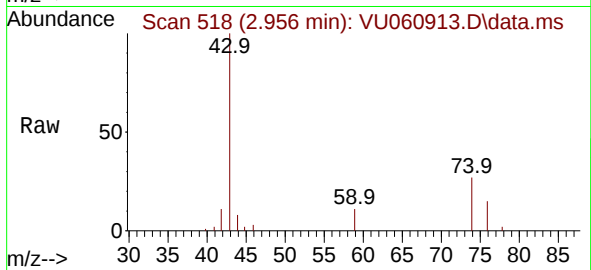




#15
Methyl Acetate
Concen: 5.082 ug/L
RT: 2.956 min Scan# 518
Delta R.T. -0.006 min
Lab File: VU060913.D
Acq: 19 Sep 2024 21:09

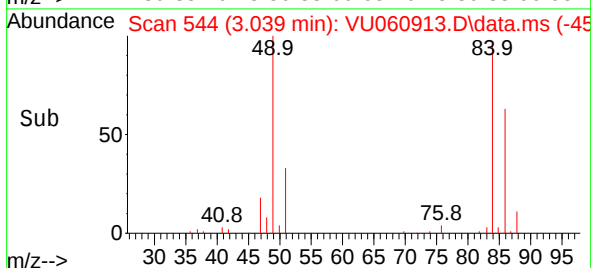
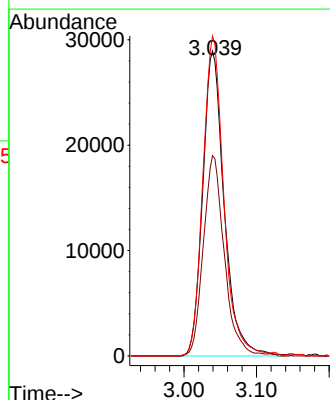
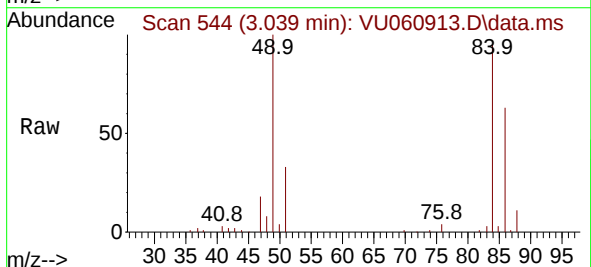
Instrument :
MSVOA_U
ClientSampleId :

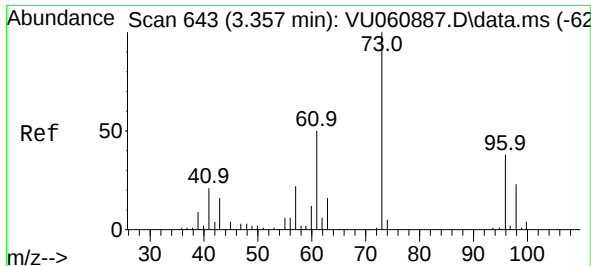
Tgt Ion: 43 Resp: 16424
Ion Ratio Lower Upper
43 100
74 32.1 18.9 28.3#



#16
Methylene chloride
Concen: 5.934 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU060913.D
Acq: 19 Sep 2024 21:09

Tgt Ion: 84 Resp: 59481
Ion Ratio Lower Upper
84 100
86 65.7 47.3 87.8
49 105.0 78.7 146.1

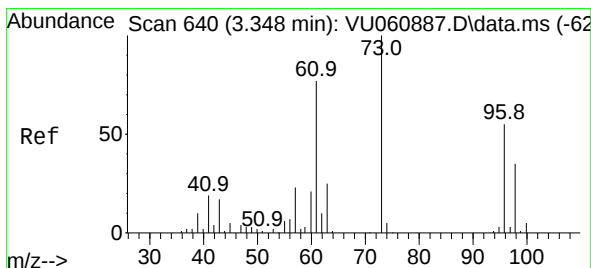
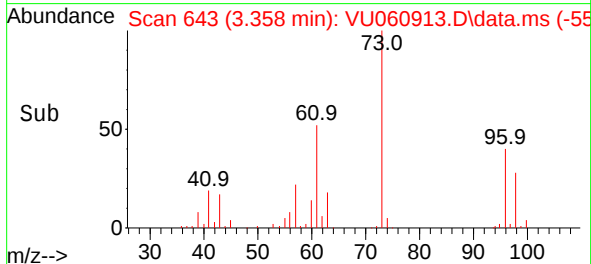
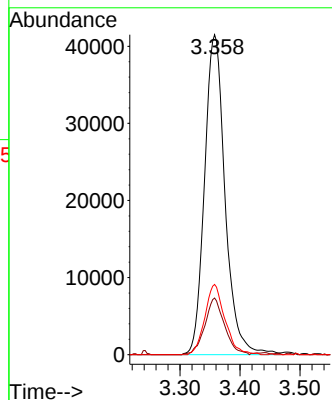
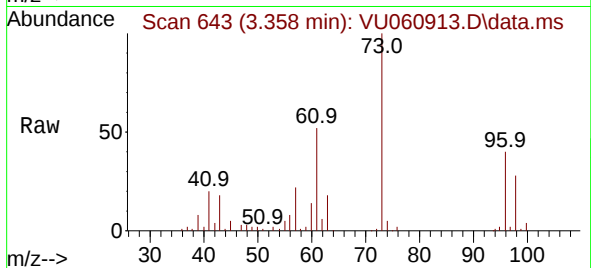




#17
Methyl tert-butyl Ether
Concen: 5.061 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU060913.D
Acq: 19 Sep 2024 21:09

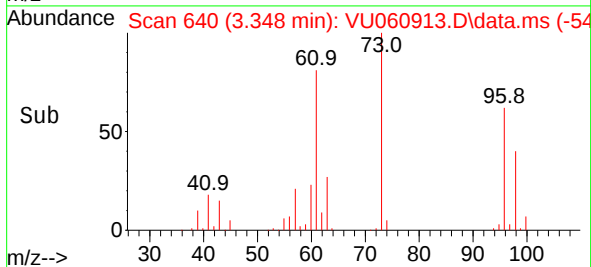
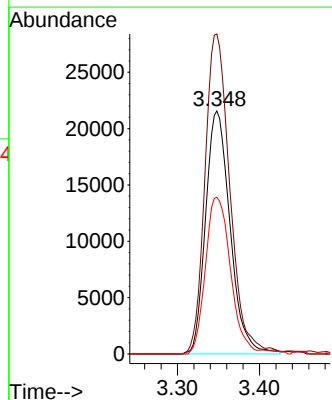
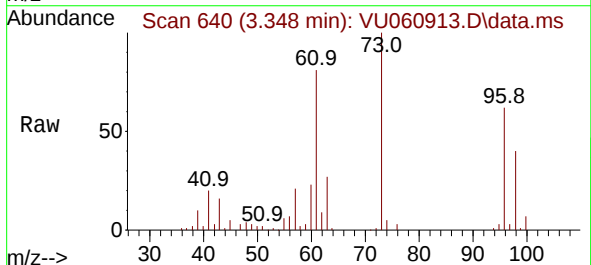
Instrument :
MSVOA_U
ClientSampleId :

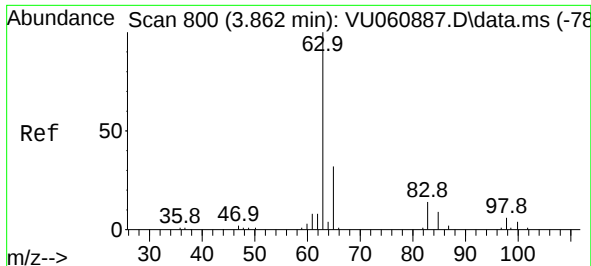
Tgt Ion: 73	Resp: 99009
Ion Ratio	Lower Upper
73 100	
43 17.0	13.8 20.8
57 21.5	18.0 27.0



#18
trans-1,2-Dichloroethene
Concen: 5.002 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU060913.D
Acq: 19 Sep 2024 21:09

Tgt Ion: 96	Resp: 44861
Ion Ratio	Lower Upper
96 100	
61 131.6	97.2 180.6
98 64.4	43.3 80.5

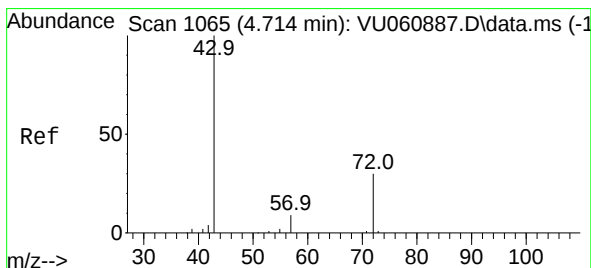
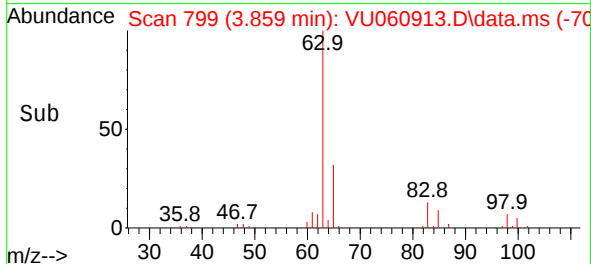
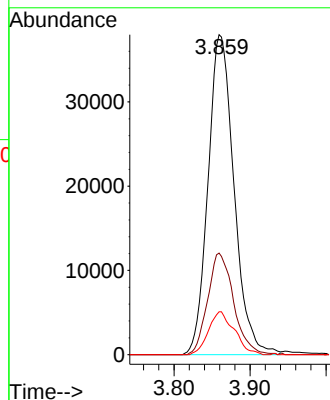
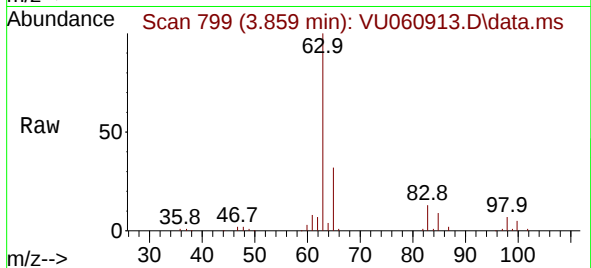




#19
1,1-Dichloroethane
Concen: 5.005 ug/L
RT: 3.859 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU060913.D
Acq: 19 Sep 2024 21:09

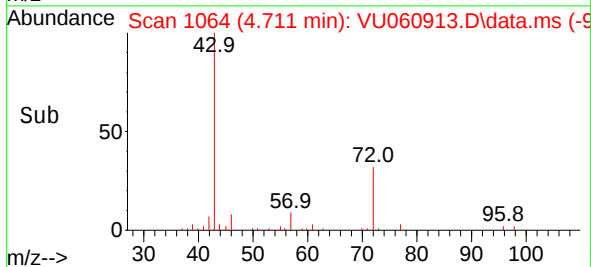
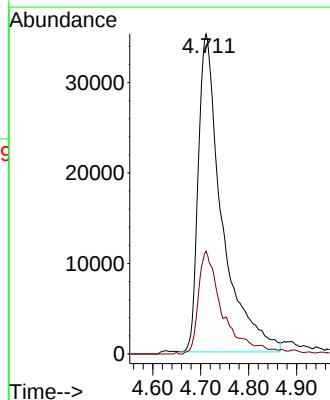
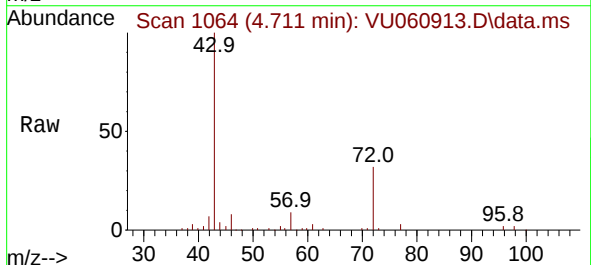
Instrument :
MSVOA_U
ClientSampleId :

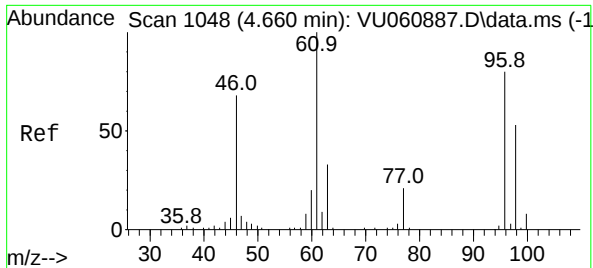
Tgt Ion: 63 Resp: 90136
Ion Ratio Lower Upper
63 100
65 31.7 23.0 42.8
83 13.4 9.0 16.6



#21
2-Butanone
Concen: 55.843 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. -0.003 min
Lab File: VU060913.D
Acq: 19 Sep 2024 21:09

Tgt Ion: 43 Resp: 120499
Ion Ratio Lower Upper
43 100
72 31.5 14.8 44.3

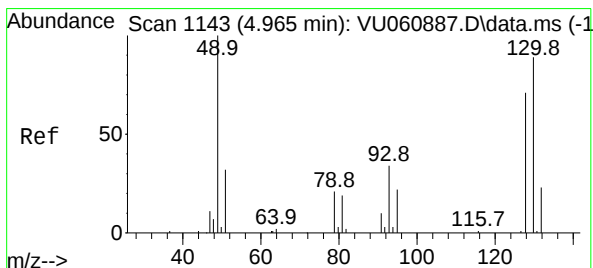
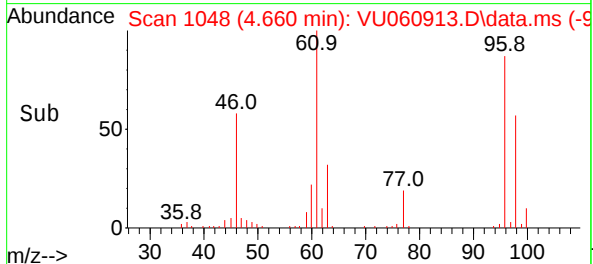
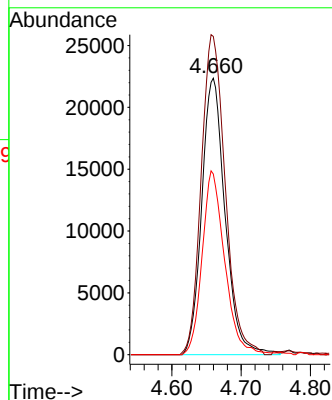
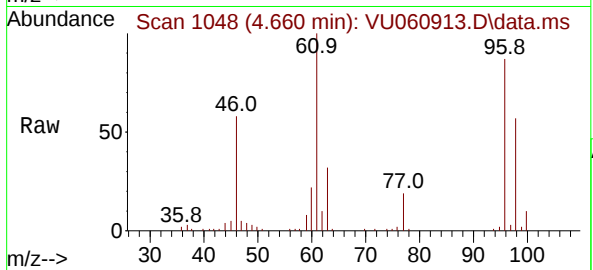




#22
 cis-1,2-Dichloroethene
 Concen: 5.280 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU060913.D
 Acq: 19 Sep 2024 21:09

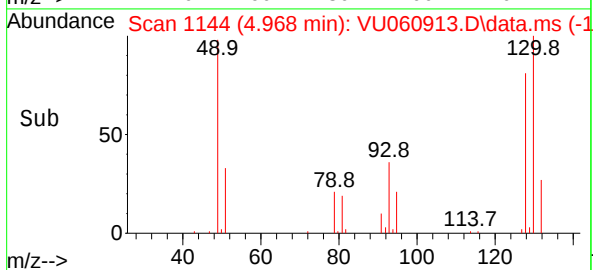
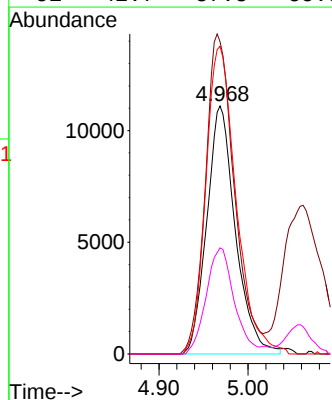
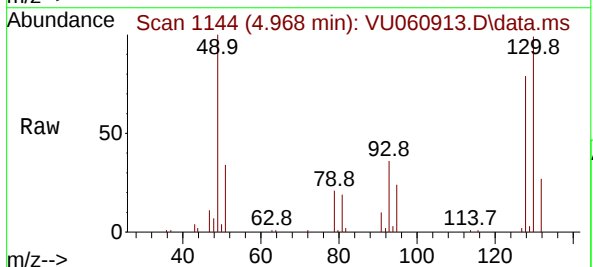
Instrument :
 MSVOA_U
 ClientSampleId :

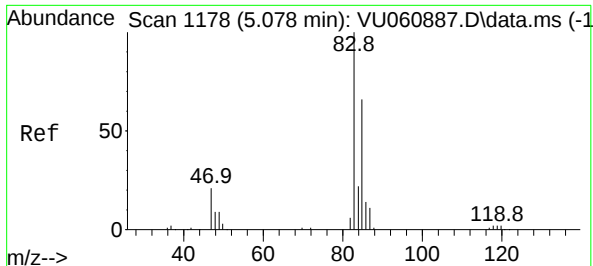
Tgt Ion: 96 Resp: 52409
 Ion Ratio Lower Upper
 96 100
 61 115.1 89.7 166.5
 98 65.3 45.1 83.9



#23
 Bromochloromethane
 Concen: 5.278 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. 0.003 min
 Lab File: VU060913.D
 Acq: 19 Sep 2024 21:09

Tgt Ion:128 Resp: 24743
 Ion Ratio Lower Upper
 128 100
 49 125.9 109.6 203.6
 130 124.0 87.8 163.0
 51 42.7 37.3 55.9





#25

Chloroform

Concen: 5.303 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU060913.D

Acq: 19 Sep 2024 21:09

Instrument :

MSVOA_U

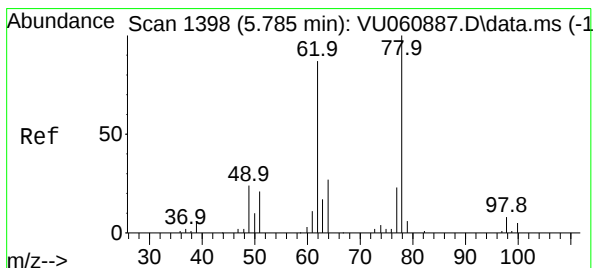
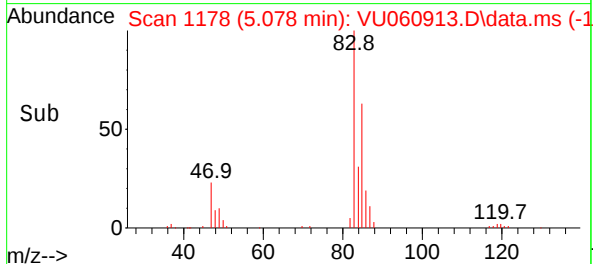
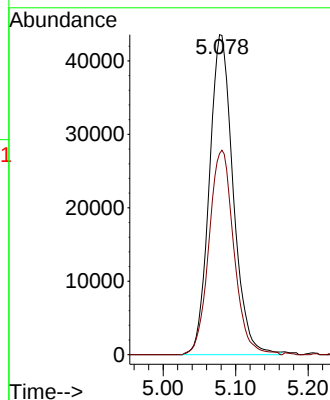
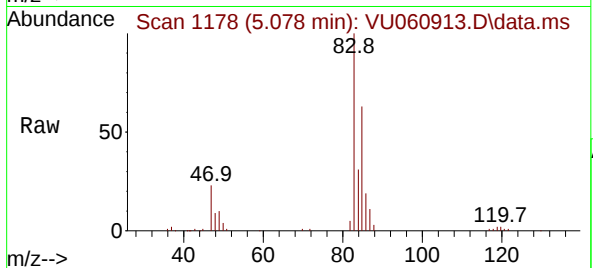
ClientSampleId :

Tgt Ion: 83 Resp: 99580

Ion Ratio Lower Upper

83 100

85 62.8 46.8 86.8



#27

1,2-Dichloroethane

Concen: 5.080 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.003 min

Lab File: VU060913.D

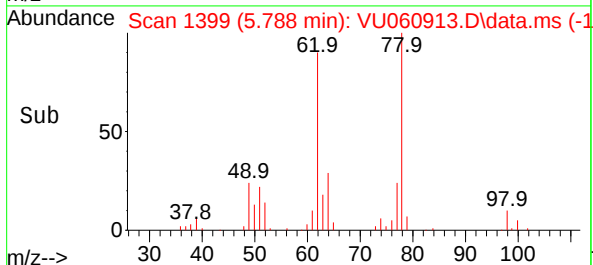
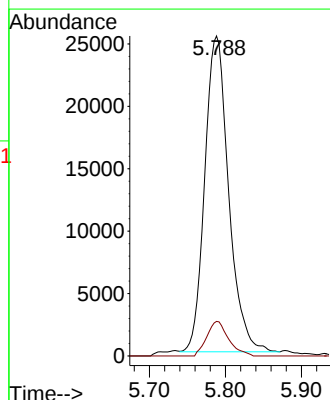
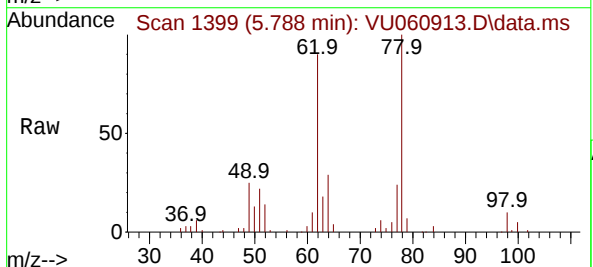
Acq: 19 Sep 2024 21:09

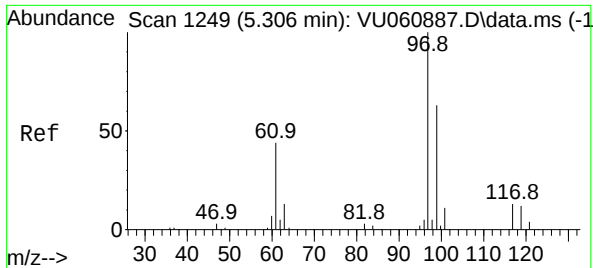
Tgt Ion: 62 Resp: 55276

Ion Ratio Lower Upper

62 100

98 10.8 8.2 12.4

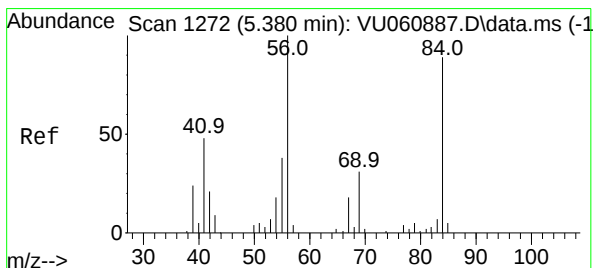
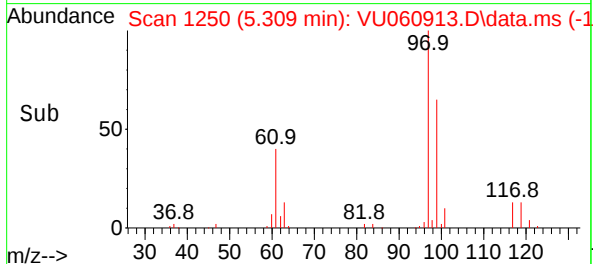
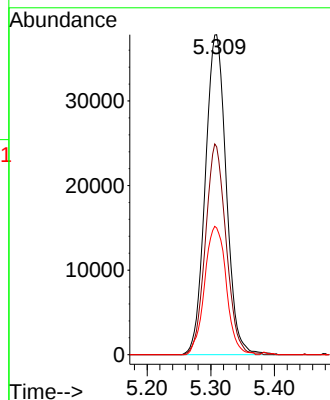
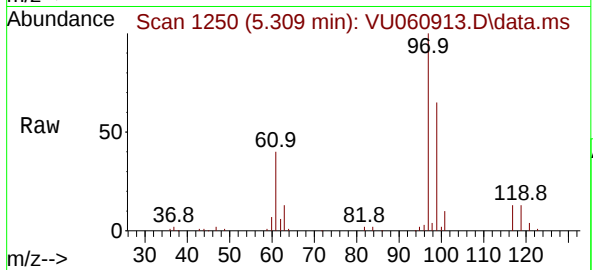




#29
1,1,1-Trichloroethane
Concen: 5.595 ug/L
RT: 5.309 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VU060913.D
Acq: 19 Sep 2024 21:09

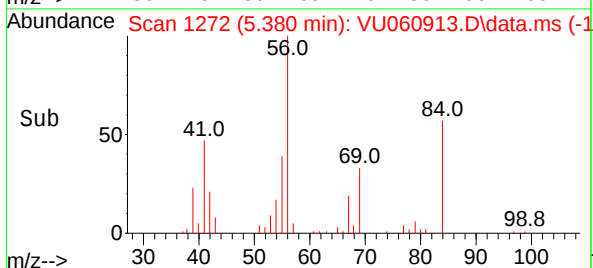
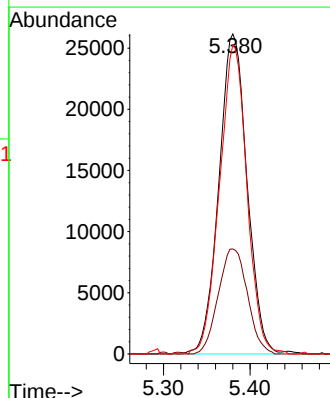
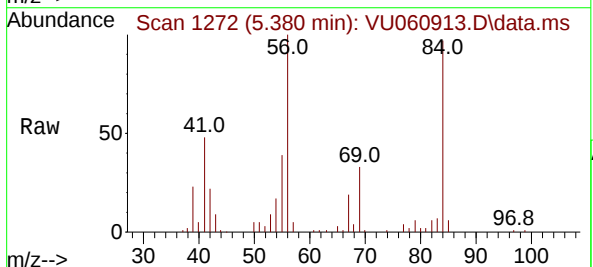
Instrument :
MSVOA_U
ClientSampleId :

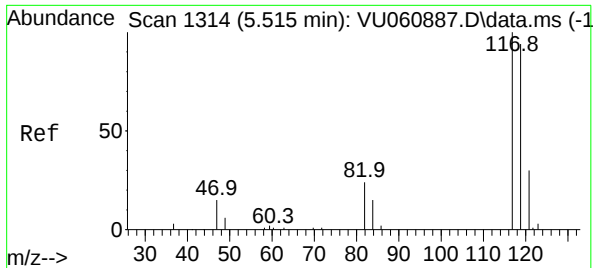
Tgt Ion: 97 Resp: 86531
Ion Ratio Lower Upper
97 100
99 64.9 50.5 75.7
61 41.4 34.4 51.6



#30
Cyclohexane
Concen: 4.647 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VU060913.D
Acq: 19 Sep 2024 21:09

Tgt Ion: 56 Resp: 59077
Ion Ratio Lower Upper
56 100
69 34.0 25.4 38.0
84 93.9 71.0 106.6

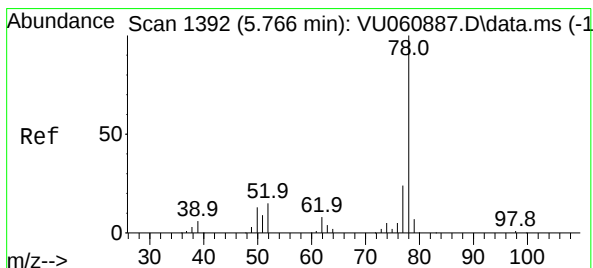
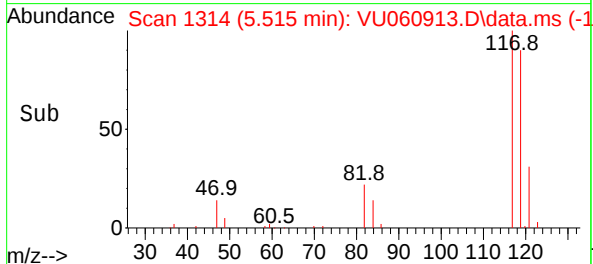
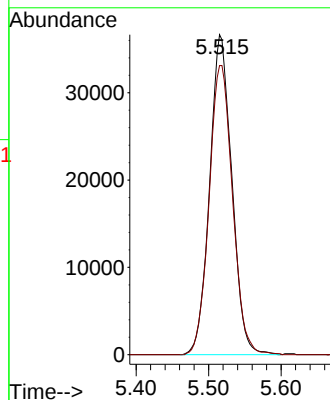
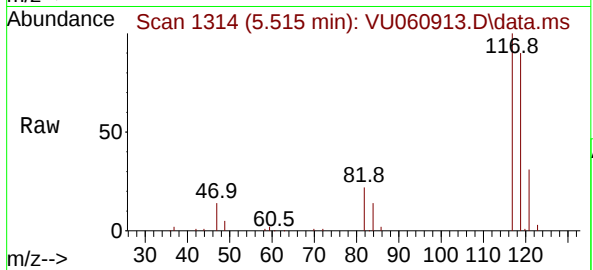




#31
Carbon tetrachloride
Concen: 5.696 ug/L
RT: 5.515 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VU060913.D
Acq: 19 Sep 2024 21:09

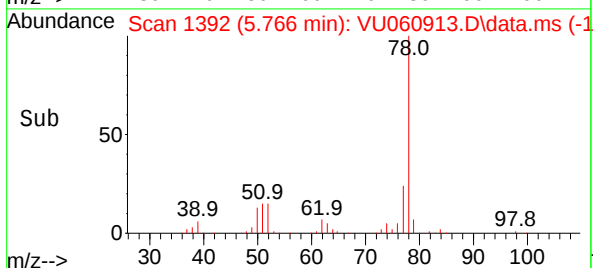
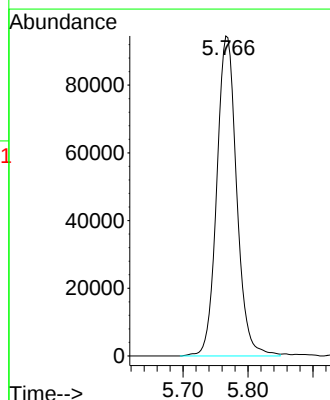
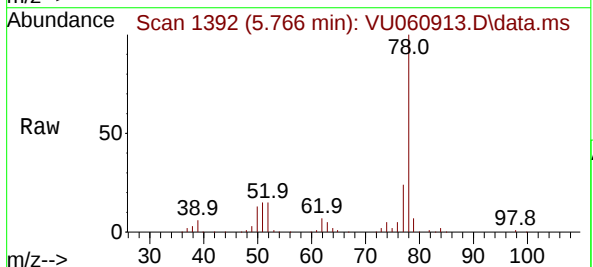
Instrument :
MSVOA_U
ClientSampleId :

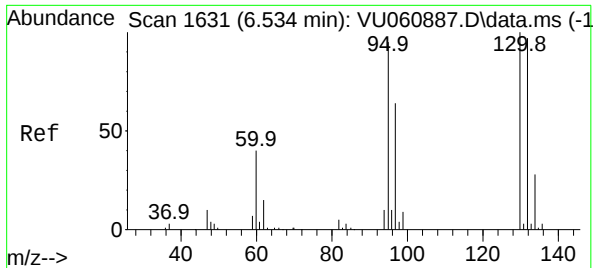
Tgt Ion:117 Resp: 77996
Ion Ratio Lower Upper
117 100
119 95.4 76.3 114.5



#33
Benzene
Concen: 5.093 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU060913.D
Acq: 19 Sep 2024 21:09

Tgt Ion: 78 Resp: 200630





#34

Trichloroethene

Concen: 5.283 ug/L

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU060913.D

Acq: 19 Sep 2024 21:09

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 54560

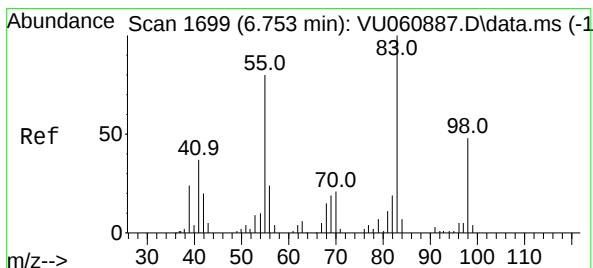
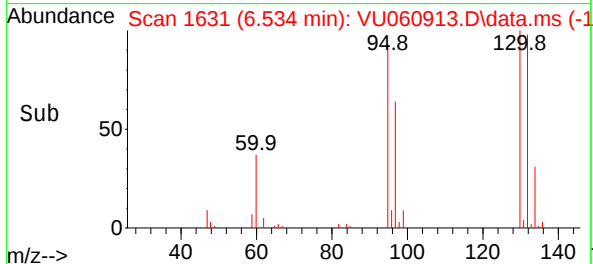
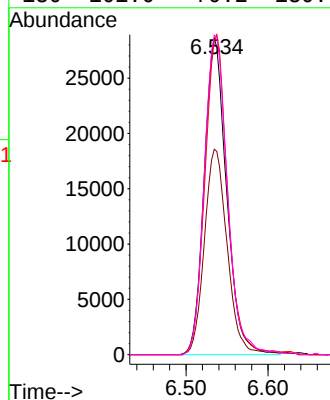
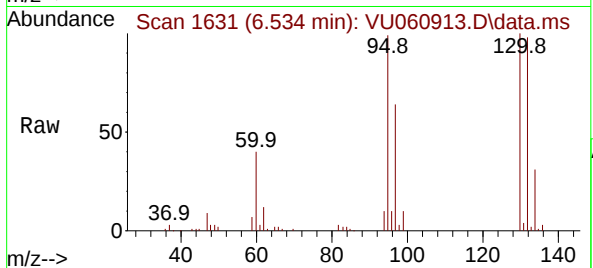
Ion Ratio Lower Upper

95 100

97 64.9 44.9 83.5

132 99.1 63.5 117.9

130 101.0 70.2 130.4



#35

Methylcyclohexane

Concen: 4.706 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VU060913.D

Acq: 19 Sep 2024 21:09

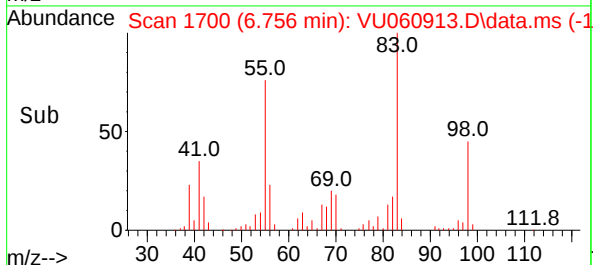
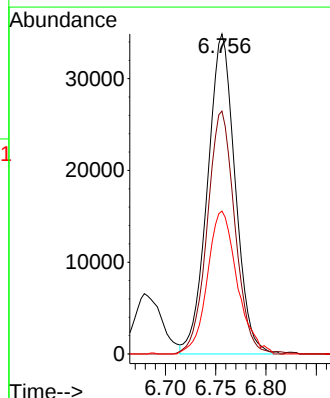
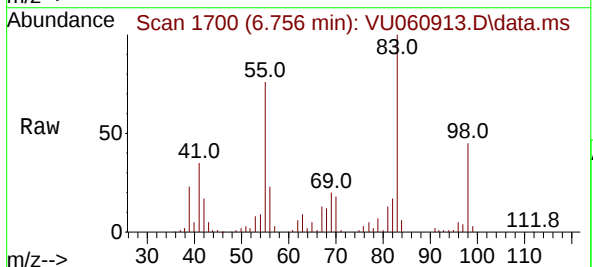
Tgt Ion: 83 Resp: 66676

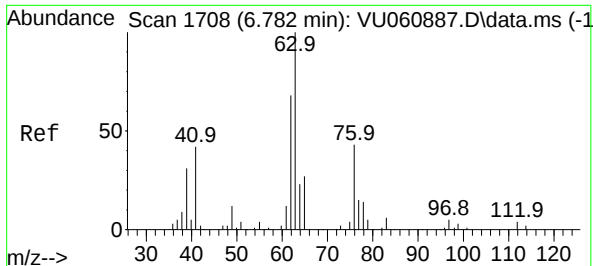
Ion Ratio Lower Upper

83 100

55 76.0 62.6 94.0

98 48.2 37.6 56.4

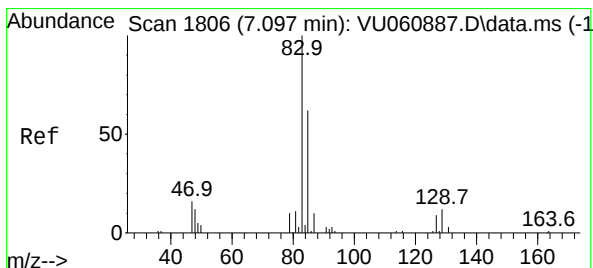
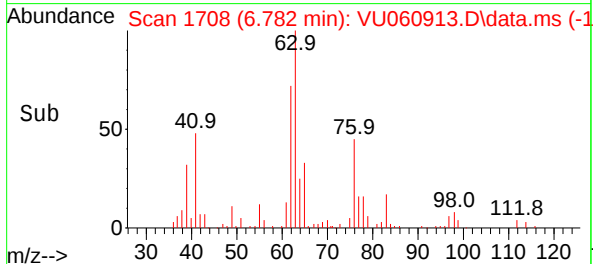
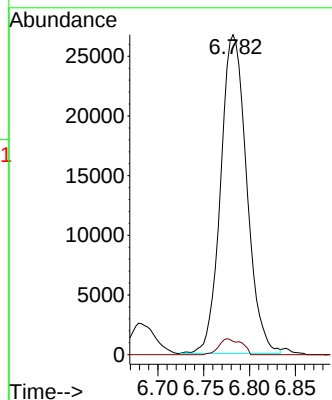
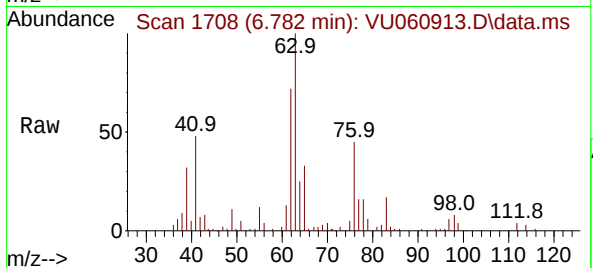




#37
1,2-Dichloropropane
Concen: 4.855 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU060913.D
Acq: 19 Sep 2024 21:09

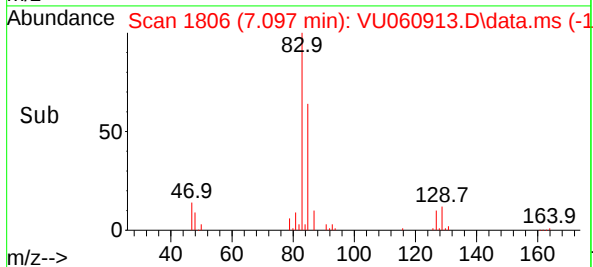
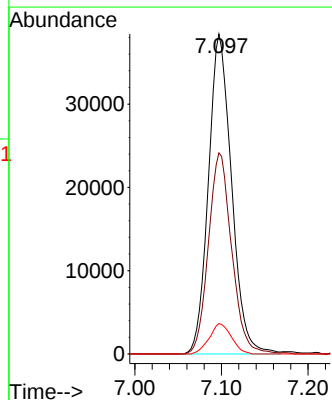
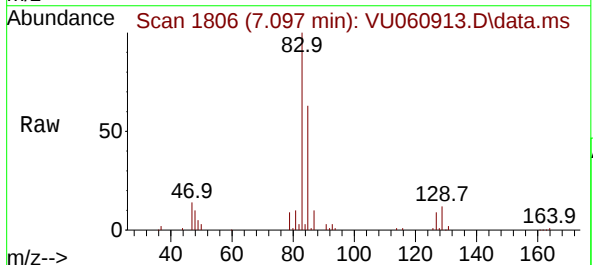
Instrument :
MSVOA_U
ClientSampleId :

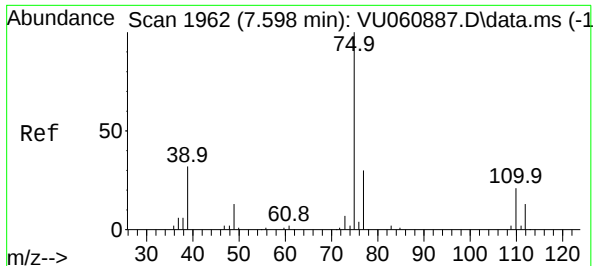
Tgt Ion: 63 Resp: 52705
Ion Ratio Lower Upper
63 100
112 4.3 2.0 3.0#



#38
Bromodichloromethane
Concen: 5.359 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VU060913.D
Acq: 19 Sep 2024 21:09

Tgt Ion: 83 Resp: 71349
Ion Ratio Lower Upper
83 100
85 62.8 45.6 84.8
127 9.5 7.0 10.6

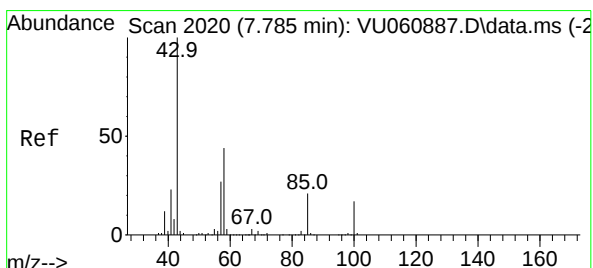
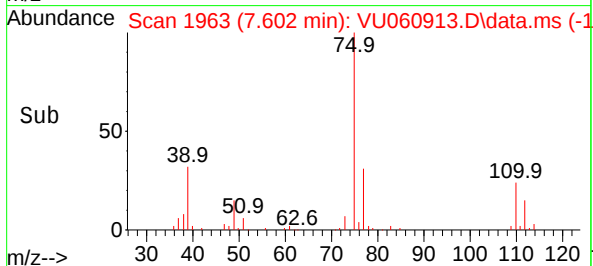
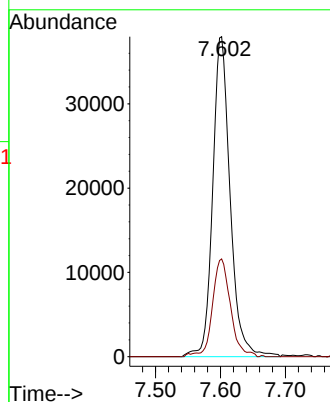
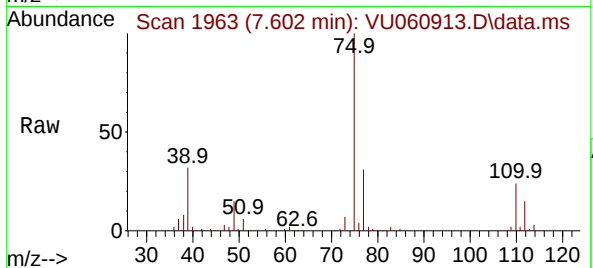




#39
 cis-1,3-Dichloropropene
 Concen: 4.901 ug/L
 RT: 7.602 min Scan# 1962
 Delta R.T. 0.003 min
 Lab File: VU060913.D
 Acq: 19 Sep 2024 21:09

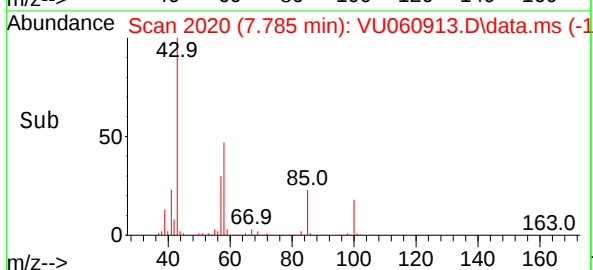
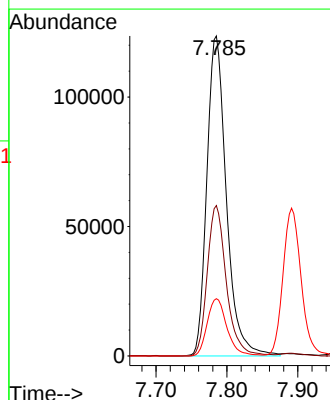
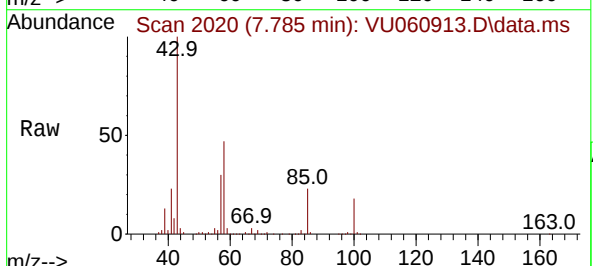
Instrument :
 MSVOA_U
 ClientSampleId :

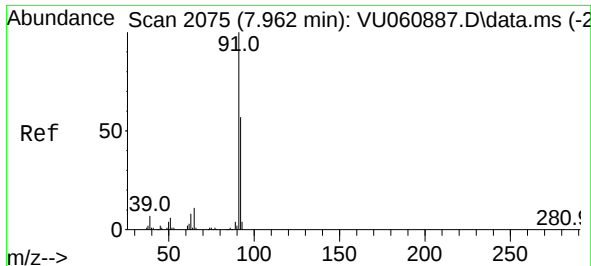
Tgt Ion: 75 Resp: 70756
 Ion Ratio Lower Upper
 75 100
 77 30.6 21.3 39.5



#40
 4-Methyl-2-pentanone
 Concen: 46.632 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.000 min
 Lab File: VU060913.D
 Acq: 19 Sep 2024 21:09

Tgt Ion: 43 Resp: 236375
 Ion Ratio Lower Upper
 43 100
 58 46.1 34.9 52.3
 100 18.2 13.4 20.0





#42

Toluene

Concen: 5.513 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU060913.D

Acq: 19 Sep 2024 21:09

Instrument :

MSVOA_U

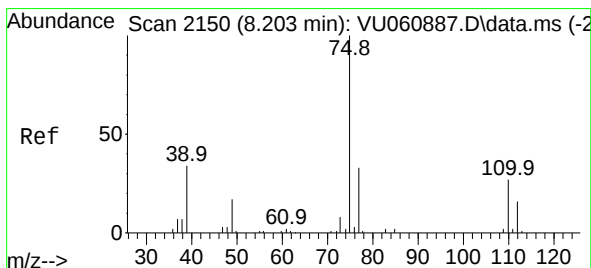
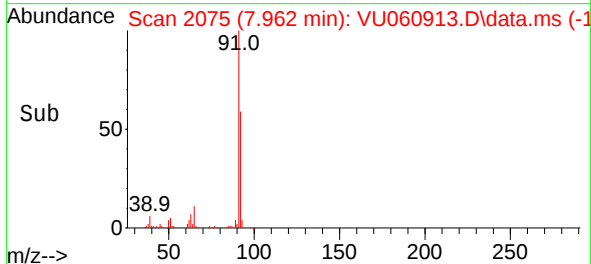
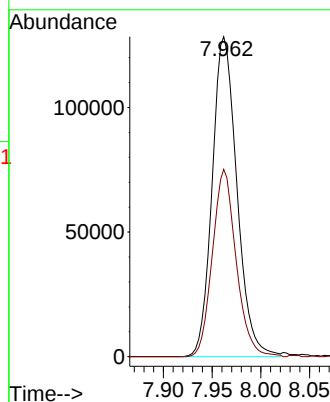
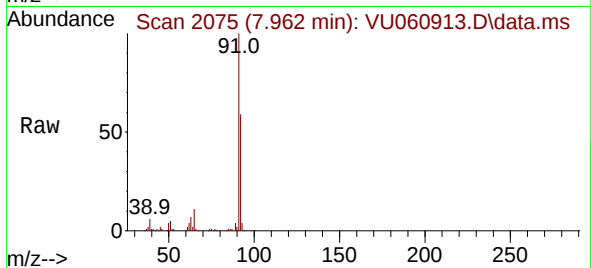
ClientSampleId :

Tgt Ion: 91 Resp: 227067

Ion Ratio Lower Upper

91 100

92 58.6 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.052 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU060913.D

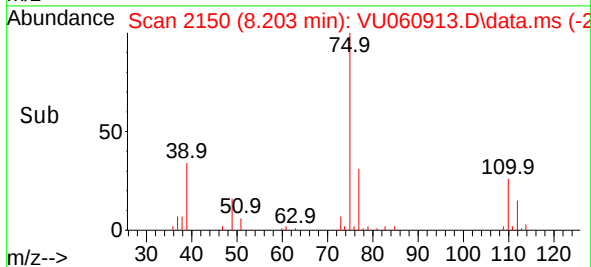
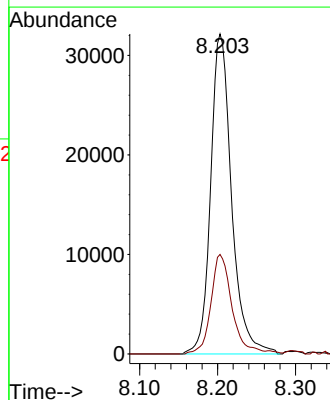
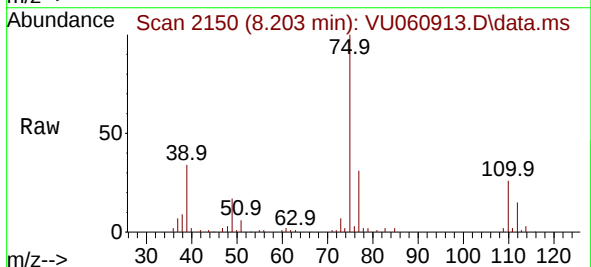
Acq: 19 Sep 2024 21:09

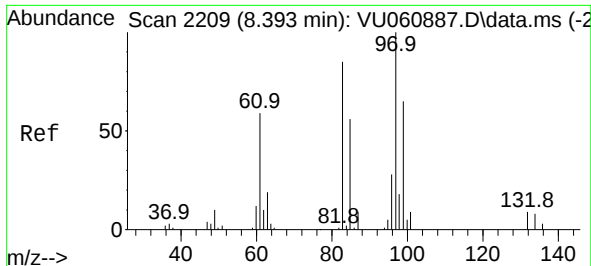
Tgt Ion: 75 Resp: 59975

Ion Ratio Lower Upper

75 100

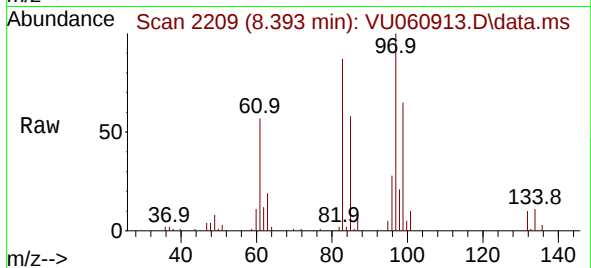
77 31.1 23.1 42.9



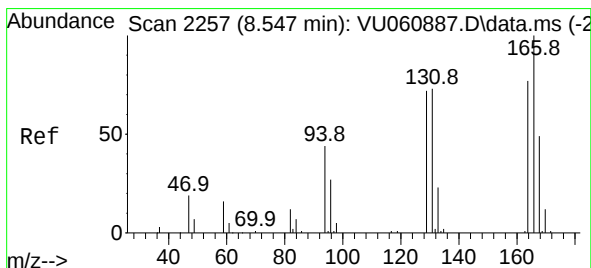
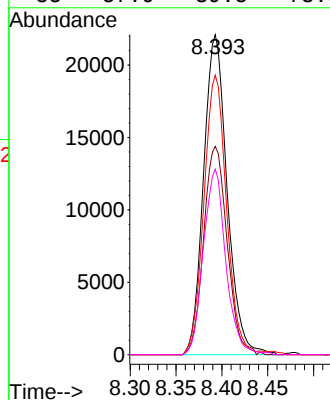
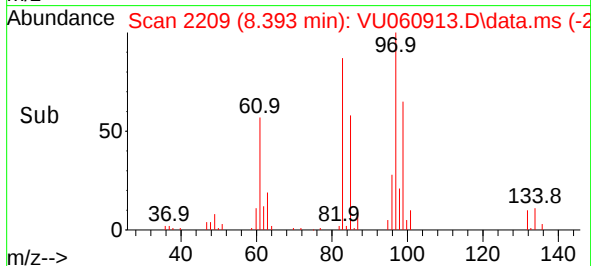


#45
1,1,2-Trichloroethane
Concen: 5.050 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU060913.D
Acq: 19 Sep 2024 21:09

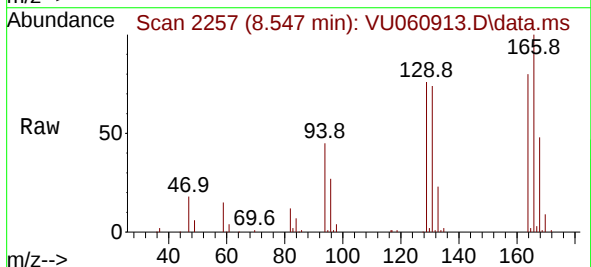
Instrument :
MSVOA_U
ClientSampleId :



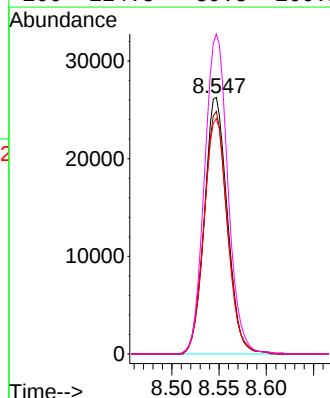
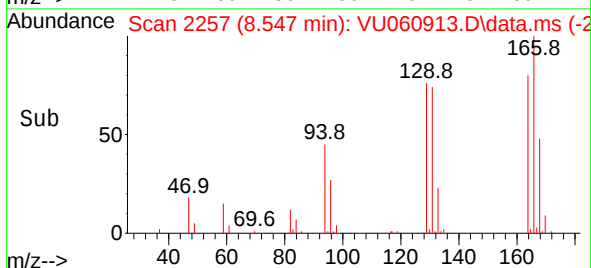
Tgt Ion:	97	Resp:	39573
Ion	Ratio	Lower	Upper
97	100		
99	65.1	42.3	78.5
83	87.4	61.7	114.5
85	57.9	39.5	73.3

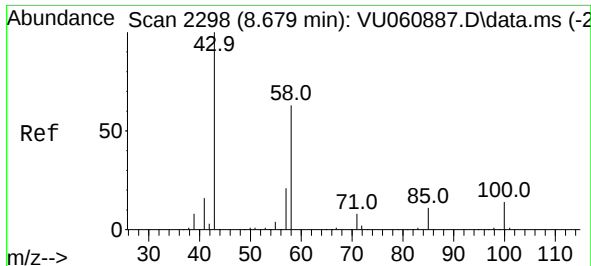


#47
Tetrachloroethene
Concen: 5.438 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU060913.D
Acq: 19 Sep 2024 21:09



Tgt Ion:	164	Resp:	44624
Ion	Ratio	Lower	Upper
164	100		
129	94.6	67.3	124.9
131	91.8	65.4	121.4
166	124.8	89.5	166.1

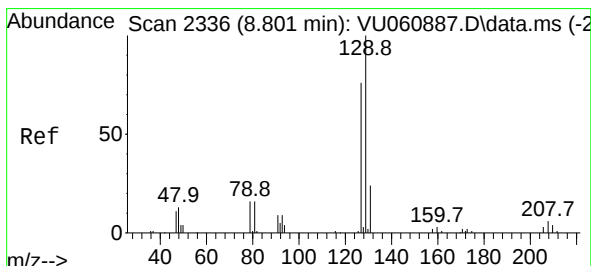
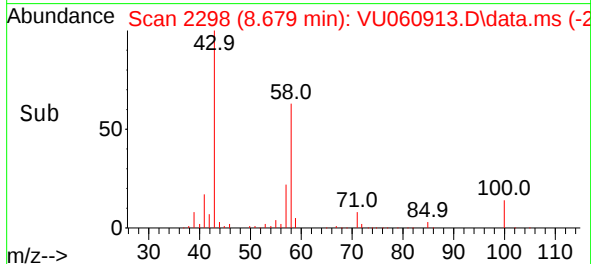
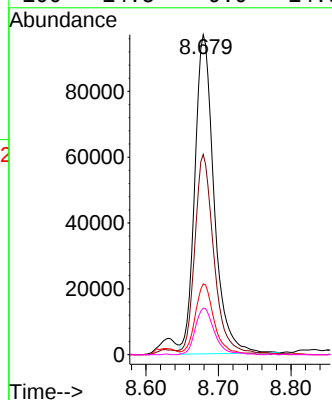
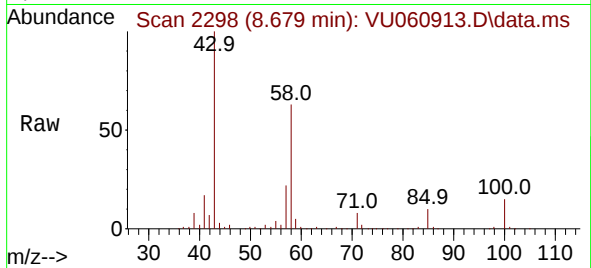




#48
2-Hexanone
Concen: 48.425 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU060913.D
Acq: 19 Sep 2024 21:09

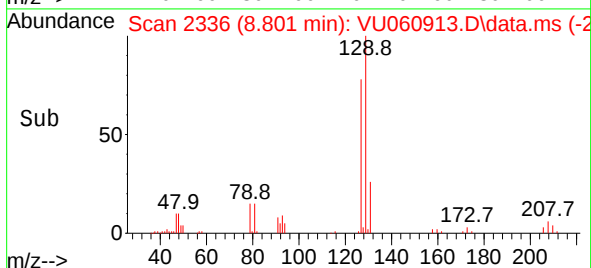
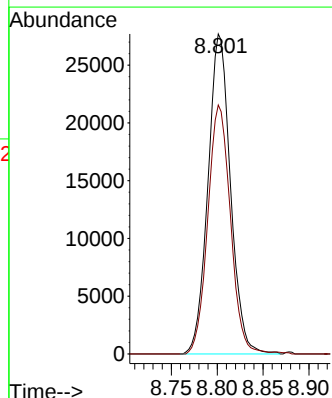
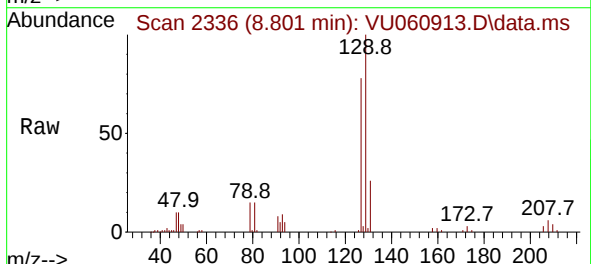
Instrument :
MSVOA_U
ClientSampleId :

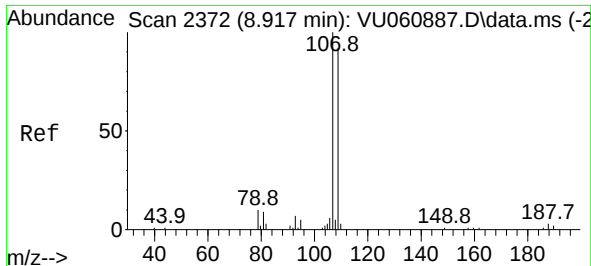
Tgt Ion:	43	Resp:	178918
Ion	Ratio	Lower	Upper
43	100		
58	61.1	48.3	72.5
57	22.1	15.9	23.9
100	14.5	9.9	14.9



#49
Dibromochloromethane
Concen: 5.297 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU060913.D
Acq: 19 Sep 2024 21:09

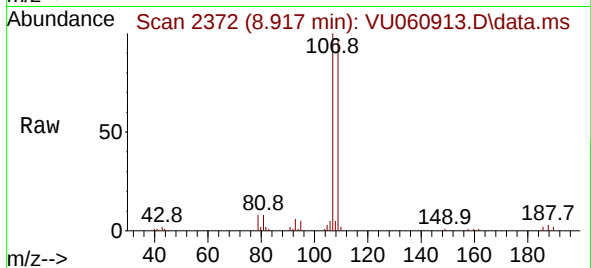
Tgt Ion:	129	Resp:	47252
Ion	Ratio	Lower	Upper
129	100		
127	77.8	56.1	104.1



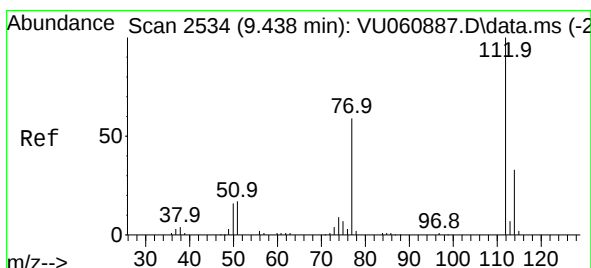
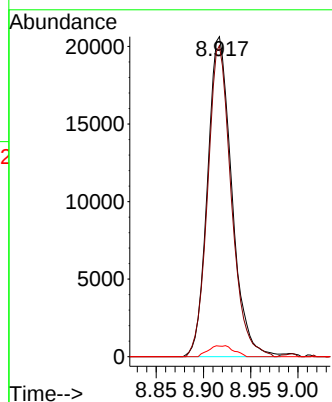
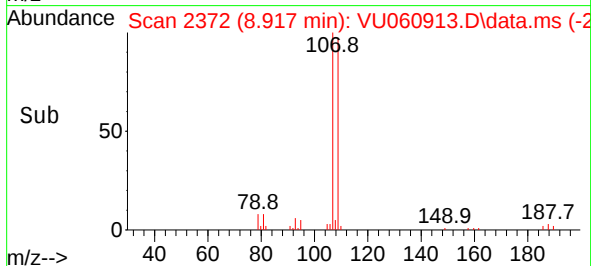


#50
1,2-Dibromoethane
Concen: 5.267 ug/L
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU060913.D
Acq: 19 Sep 2024 21:09

Instrument :
MSVOA_U
ClientSampleId :

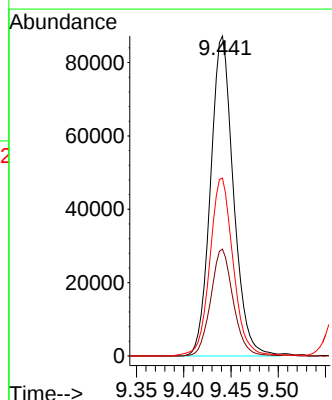
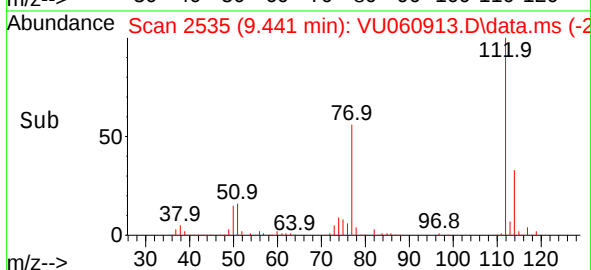
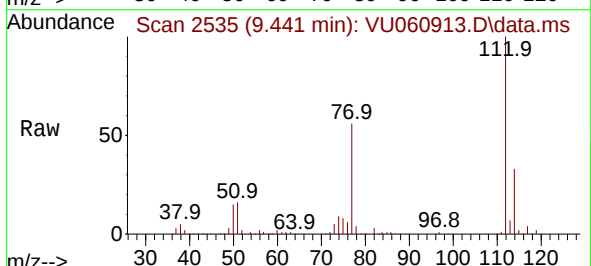


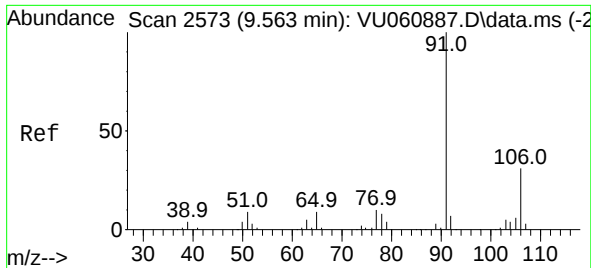
Tgt Ion:107 Resp: 36837
Ion Ratio Lower Upper
107 100
109 97.2 66.8 124.0
188 3.3 3.4 5.0#



#51
Chlorobenzene
Concen: 5.320 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU060913.D
Acq: 19 Sep 2024 21:09

Tgt Ion:112 Resp: 147144
Ion Ratio Lower Upper
112 100
114 33.4 22.2 41.2
77 55.6 46.1 69.1

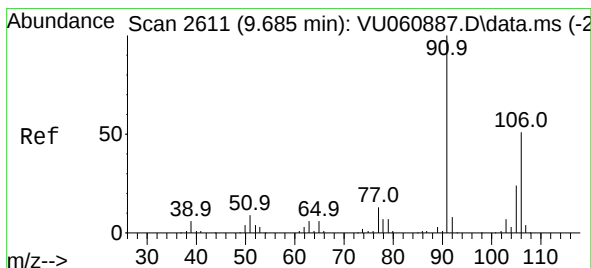
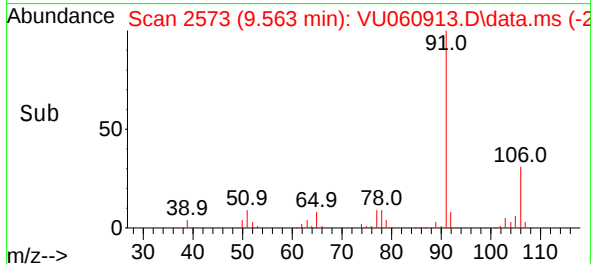
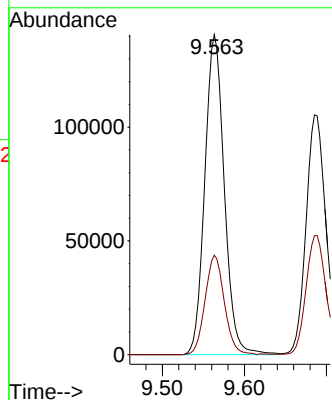
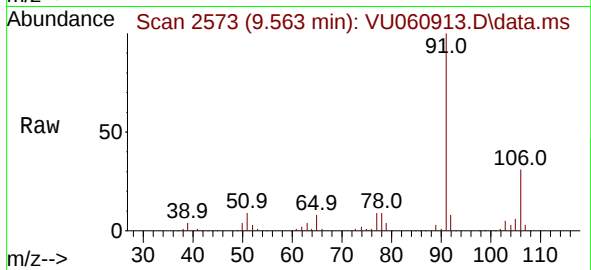




#52
Ethylbenzene
Concen: 5.359 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU060913.D
Acq: 19 Sep 2024 21:09

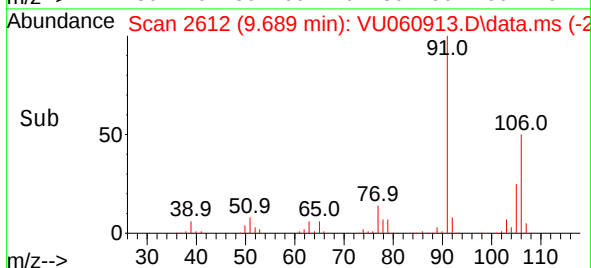
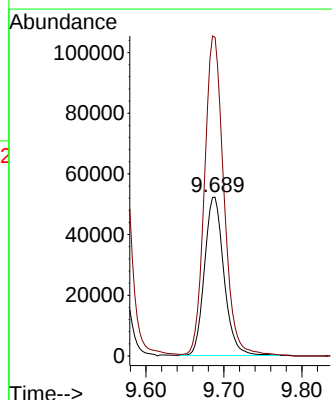
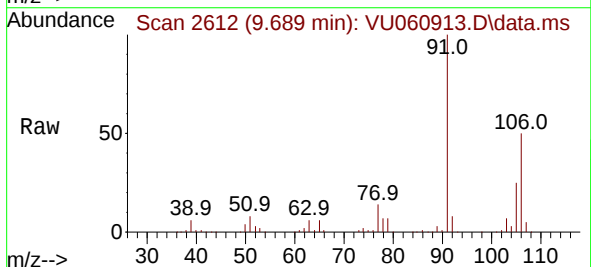
Instrument :
MSVOA_U
ClientSampleId :

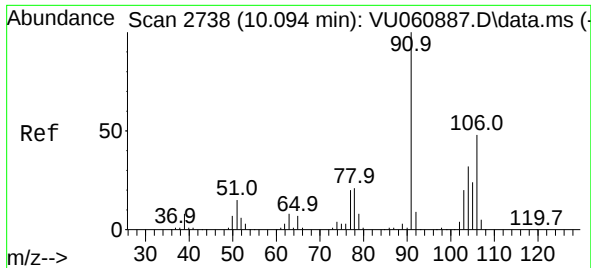
Tgt Ion: 91 Resp: 232383
Ion Ratio Lower Upper
91 100
106 31.1 21.8 40.6



#53
m,p-Xylene
Concen: 5.503 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU060913.D
Acq: 19 Sep 2024 21:09

Tgt Ion:106 Resp: 90469
Ion Ratio Lower Upper
106 100
91 200.7 139.7 259.4

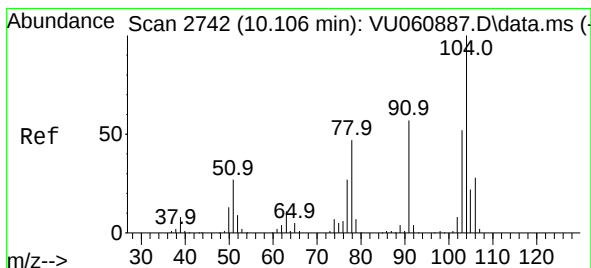
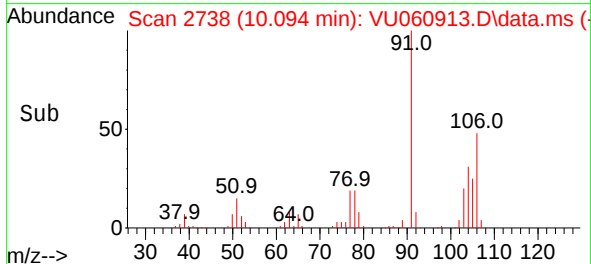
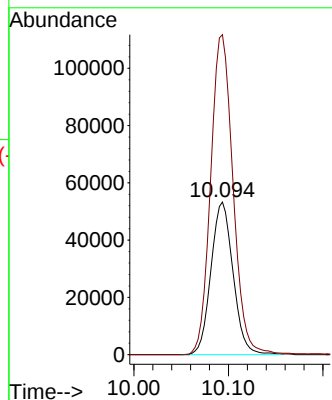
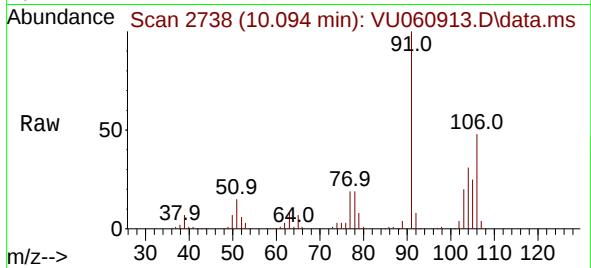




#54
o-Xylene
Concen: 5.341 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU060913.D
Acq: 19 Sep 2024 21:09

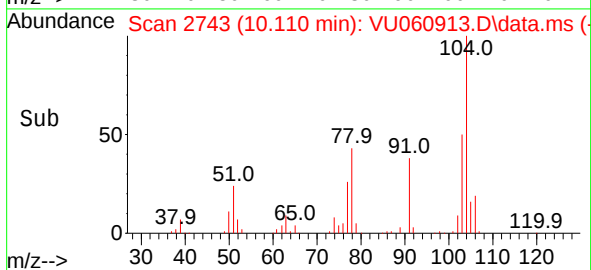
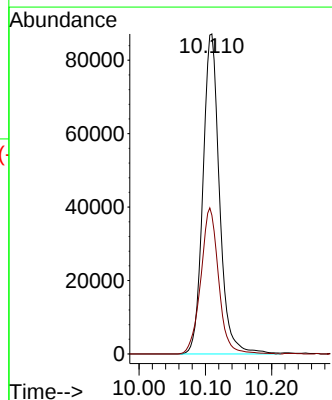
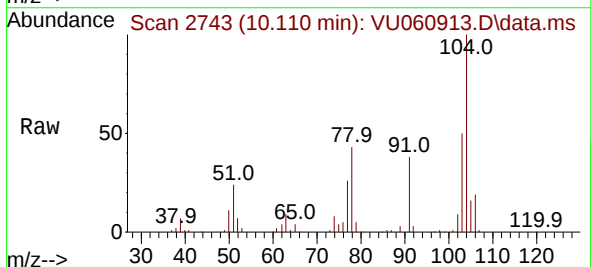
Instrument :
MSVOA_U
ClientSampleId :

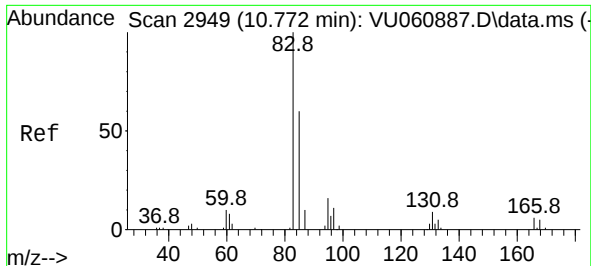
Tgt Ion:106 Resp: 86652
Ion Ratio Lower Upper
106 100
91 209.7 148.6 276.0



#55
Styrene
Concen: 5.541 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VU060913.D
Acq: 19 Sep 2024 21:09

Tgt Ion:104 Resp: 151521
Ion Ratio Lower Upper
104 100
78 43.4 31.7 58.9





#57

1,1,2,2-Tetrachloroethane

Concen: 4.933 ug/L

RT: 10.775 min Scan# 2949

Delta R.T. 0.003 min

Lab File: VU060913.D

Acq: 19 Sep 2024 21:09

Instrument :

MSVOA_U

ClientSampleId :

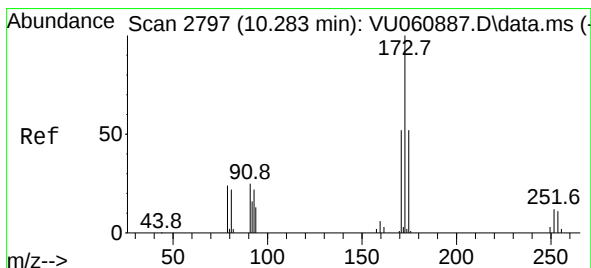
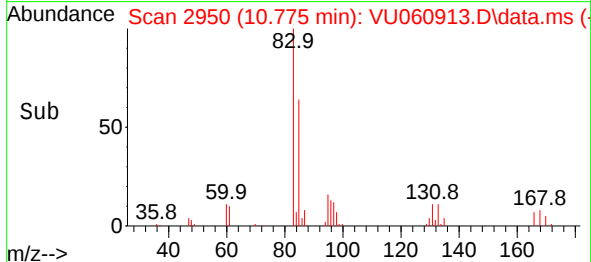
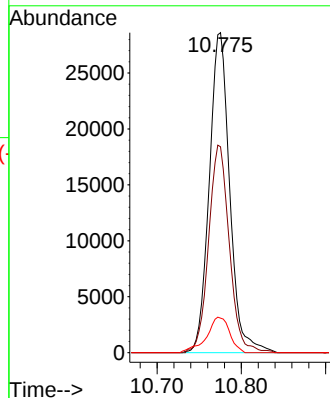
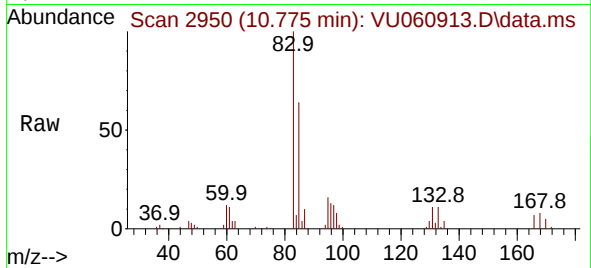
Tgt Ion: 83 Resp: 48222

Ion Ratio Lower Upper

83 100

85 64.3 42.9 79.7

131 10.8 8.4 12.6



#59

Bromoform

Concen: 5.402 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU060913.D

Acq: 19 Sep 2024 21:09

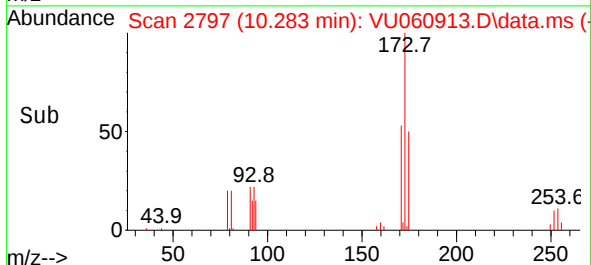
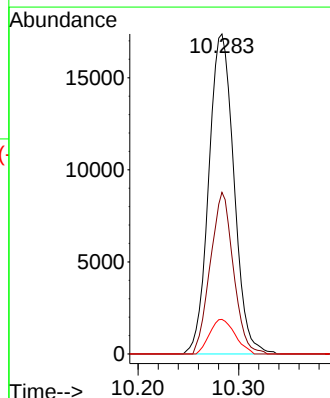
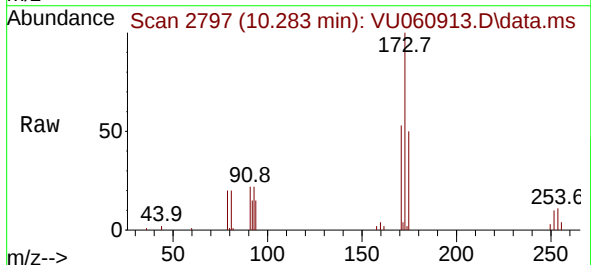
Tgt Ion:173 Resp: 30157

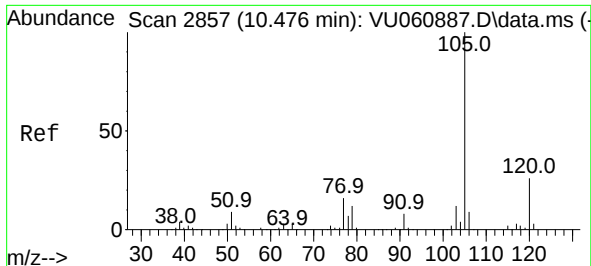
Ion Ratio Lower Upper

173 100

175 46.4 39.1 58.7

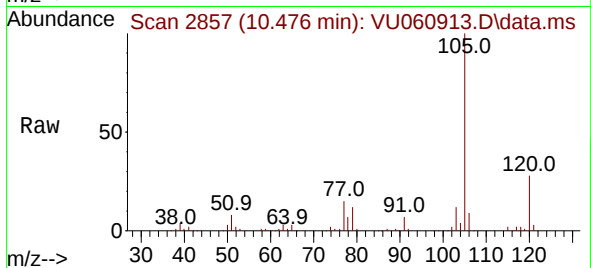
254 10.9 8.7 13.1



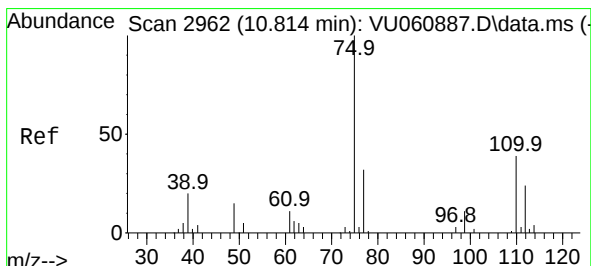
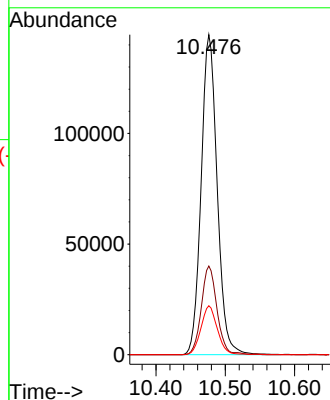
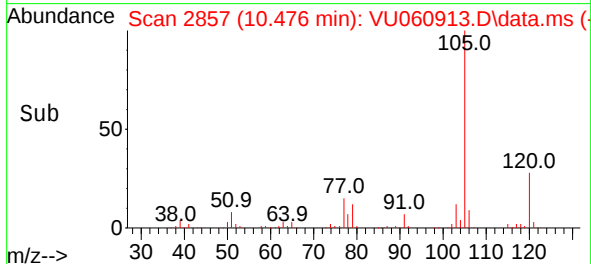


#60
Isopropylbenzene
Concen: 5.299 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. 0.000 min
Lab File: VU060913.D
Acq: 19 Sep 2024 21:09

Instrument :
MSVOA_U
ClientSampleId :

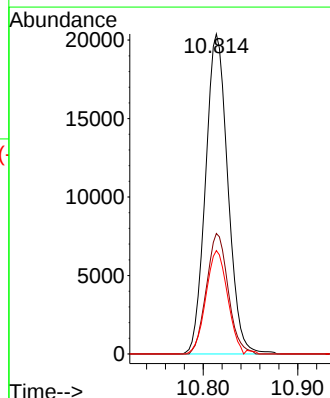
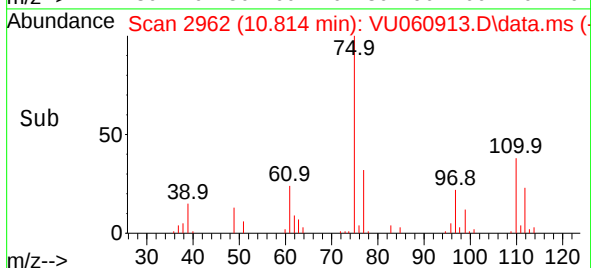
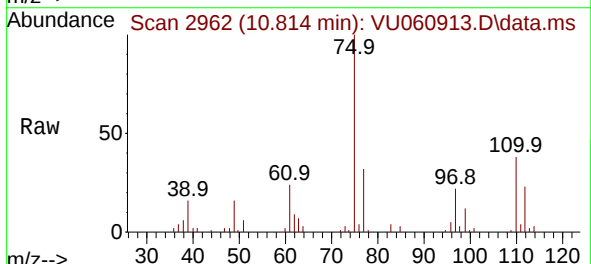


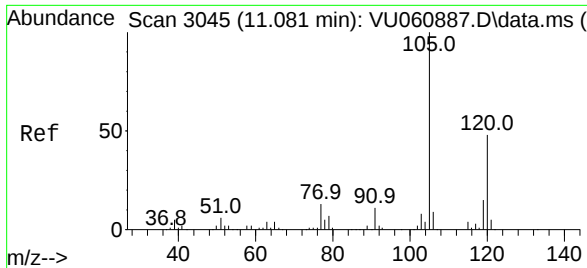
Tgt Ion:105 Resp: 232609
Ion Ratio Lower Upper
105 100
120 27.0 21.5 32.3
77 15.6 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 4.831 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. 0.000 min
Lab File: VU060913.D
Acq: 19 Sep 2024 21:09

Tgt Ion: 75 Resp: 33377
Ion Ratio Lower Upper
75 100
110 36.7 28.6 43.0
77 31.3 26.3 39.5





#62

1,3,5-Trimethylbenzene

Concen: 5.068 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU060913.D

Acq: 19 Sep 2024 21:09

Instrument :

MSVOA_U

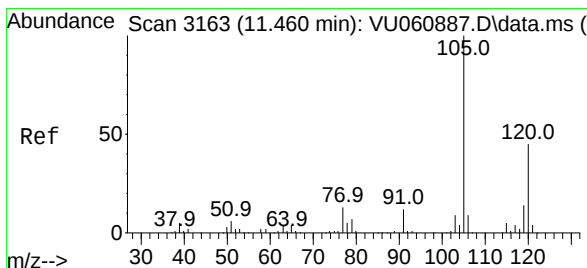
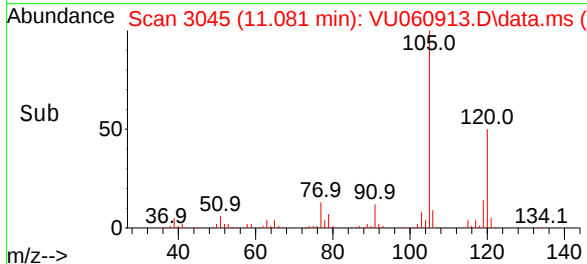
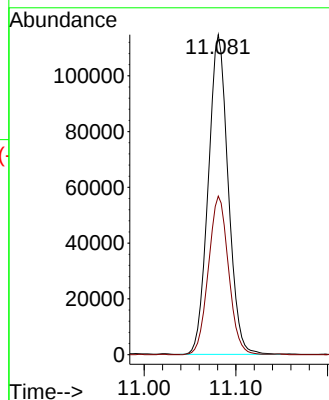
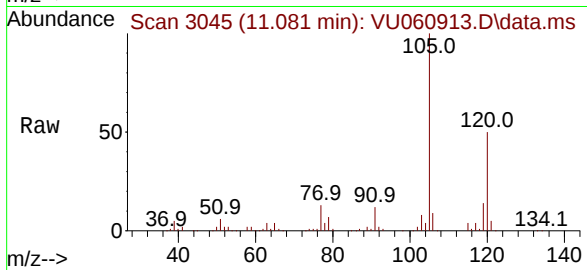
ClientSampleId :

Tgt Ion:105 Resp: 172902

Ion Ratio Lower Upper

105 100

120 50.1 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 5.229 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU060913.D

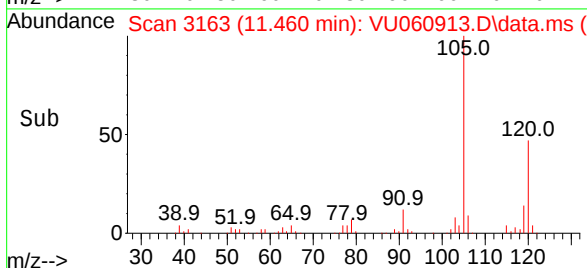
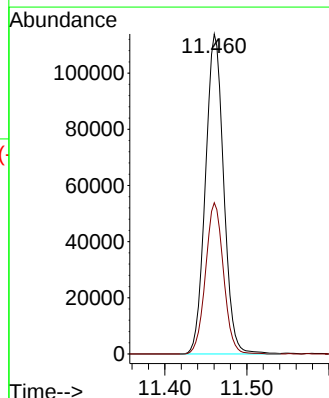
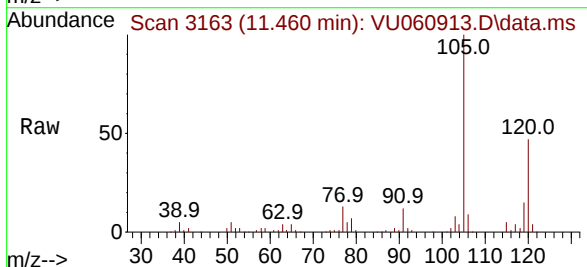
Acq: 19 Sep 2024 21:09

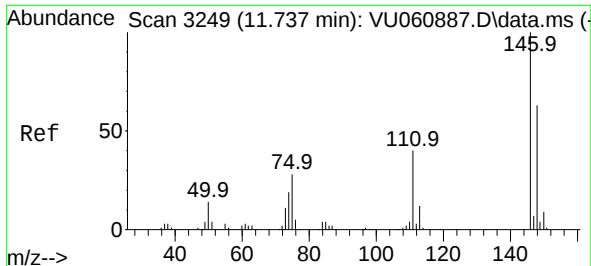
Tgt Ion:105 Resp: 176269

Ion Ratio Lower Upper

105 100

120 46.5 36.1 54.1





#64

1,3-Dichlorobenzene

Concen: 5.276 ug/L

RT: 11.737 min Scan# 3249

Delta R.T. 0.000 min

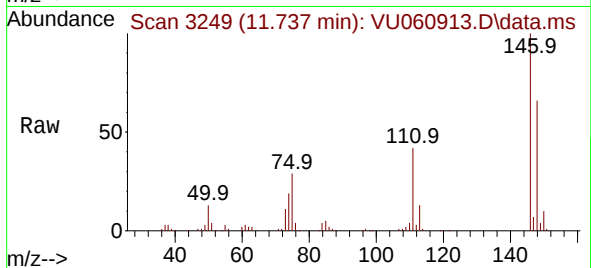
Lab File: VU060913.D

Acq: 19 Sep 2024 21:09

Instrument :

MSVOA_U

ClientSampleId :



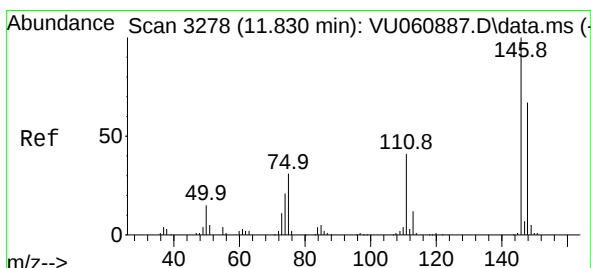
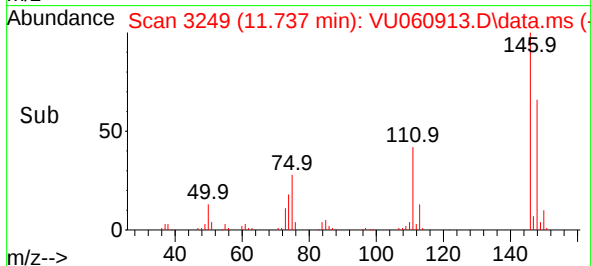
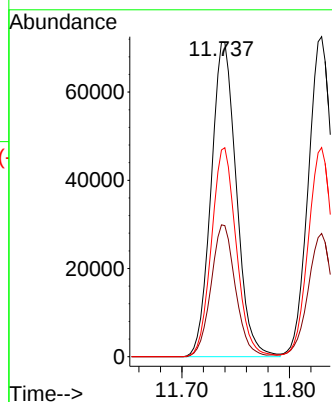
Tgt Ion:146 Resp: 116458

Ion Ratio Lower Upper

146 100

111 41.9 27.5 51.1

148 65.7 43.7 81.1



#65

1,4-Dichlorobenzene

Concen: 5.107 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU060913.D

Acq: 19 Sep 2024 21:09

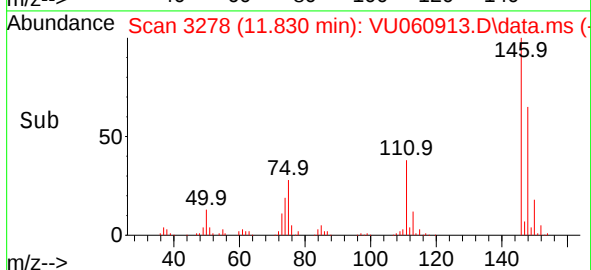
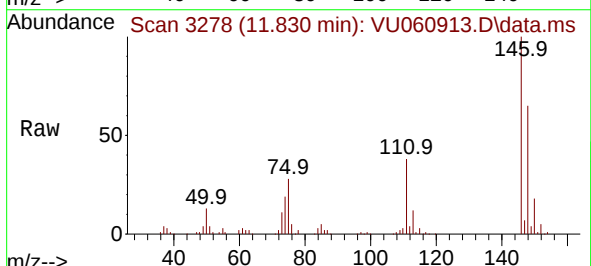
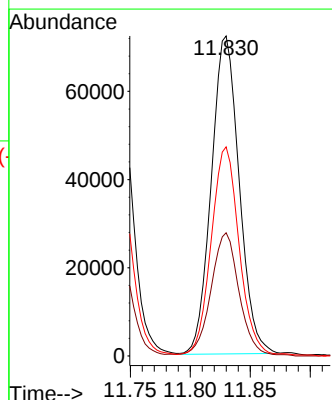
Tgt Ion:146 Resp: 116527

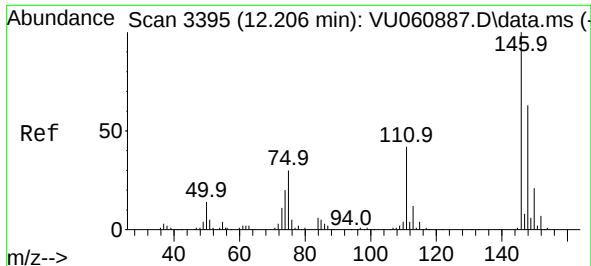
Ion Ratio Lower Upper

146 100

111 38.5 26.3 48.9

148 65.4 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 5.296 ug/L

RT: 12.203 min Scan# 3395

Delta R.T. -0.003 min

Lab File: VU060913.D

Acq: 19 Sep 2024 21:09

Instrument :

MSVOA_U

ClientSampleId :

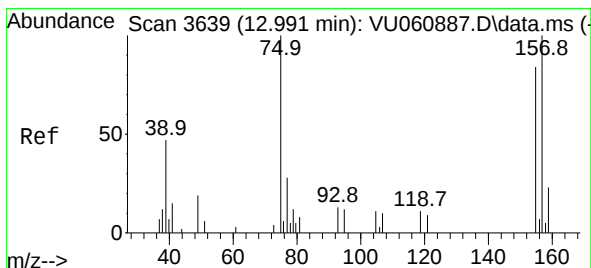
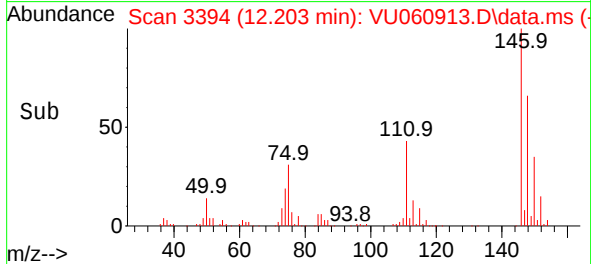
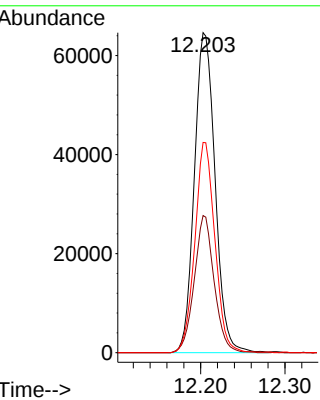
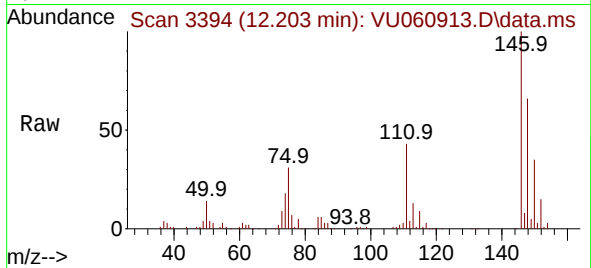
Tgt Ion:146 Resp: 110522

Ion Ratio Lower Upper

146 100

111 42.9 33.4 50.0

148 65.7 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 5.135 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU060913.D

Acq: 19 Sep 2024 21:09

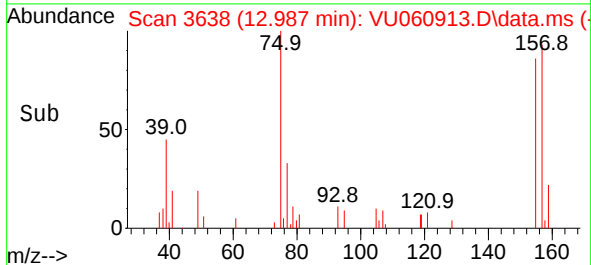
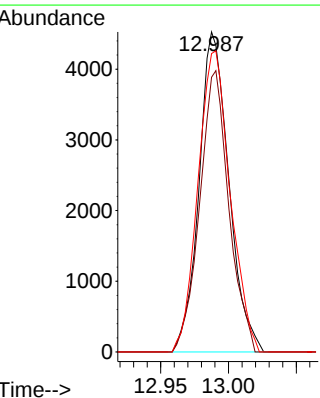
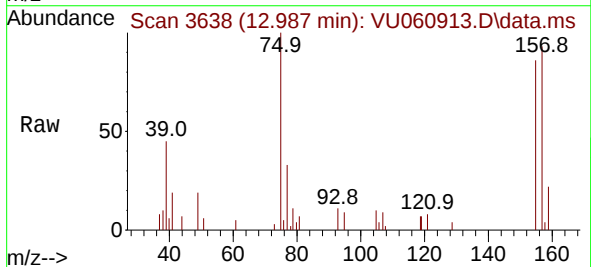
Tgt Ion: 75 Resp: 6927

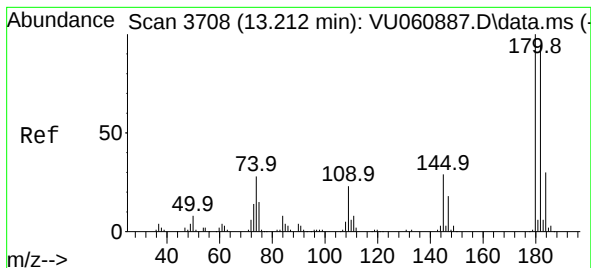
Ion Ratio Lower Upper

75 100

155 85.9 73.1 109.7

157 93.2 91.0 136.4





#69

1,3,5-Trichlorobenzene

Concen: 5.174 ug/L

RT: 13.213 min Scan# 3

Delta R.T. 0.000 min

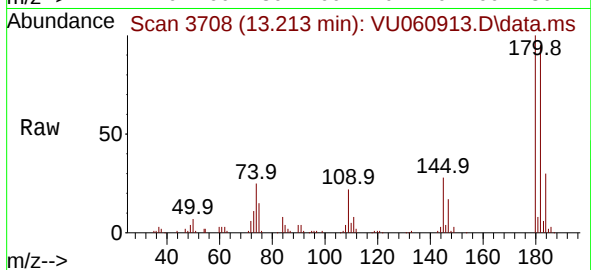
Lab File: VU060913.D

Acq: 19 Sep 2024 21:09

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 85432

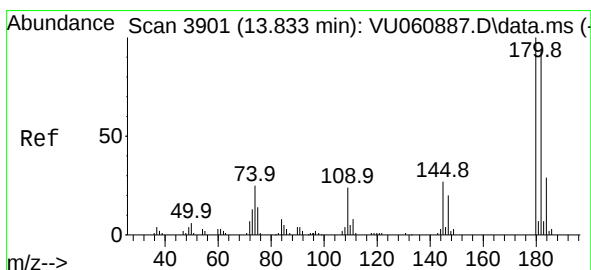
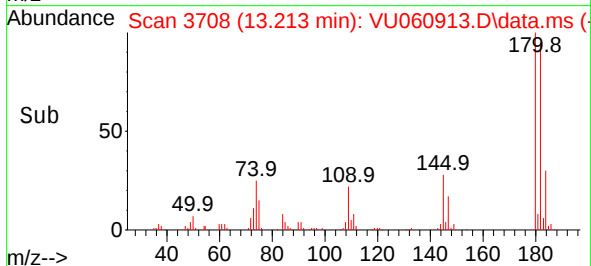
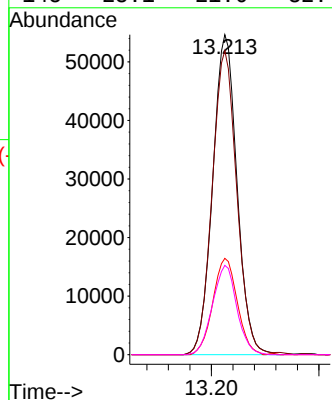
Ion Ratio Lower Upper

180 100

182 96.5 74.5 111.7

184 30.3 23.2 34.8

145 28.1 21.6 32.4



#70

1,2,4-trichlorobenzene

Concen: 5.641 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU060913.D

Acq: 19 Sep 2024 21:09

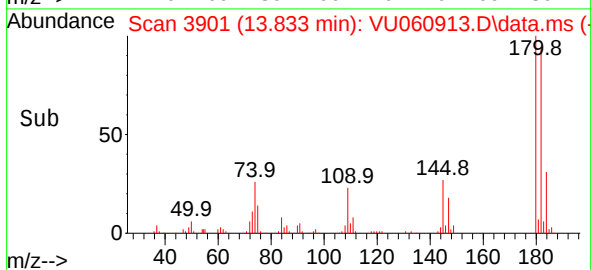
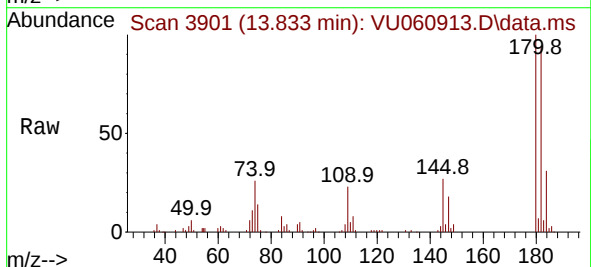
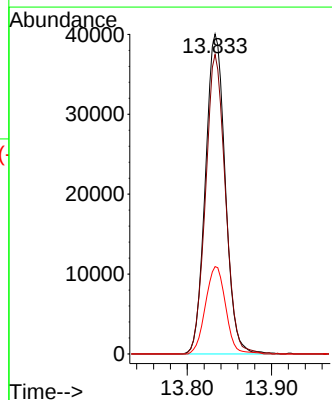
Tgt Ion:180 Resp: 65603

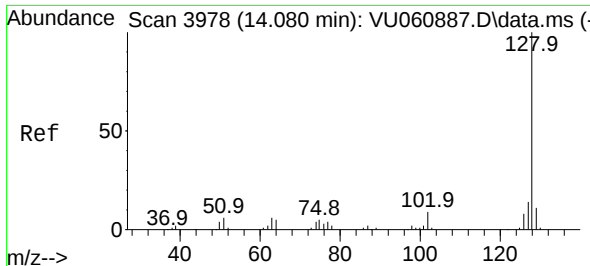
Ion Ratio Lower Upper

180 100

182 93.5 77.4 116.2

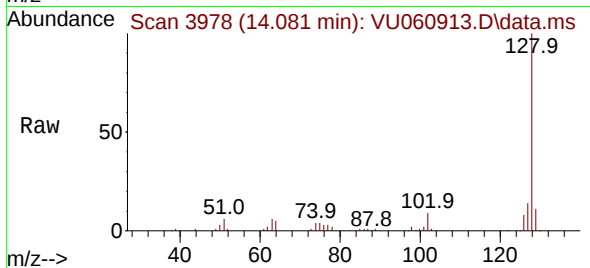
145 27.8 22.9 34.3



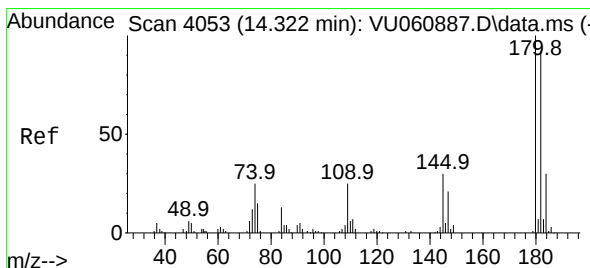
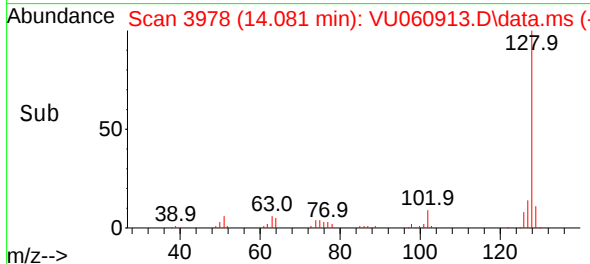
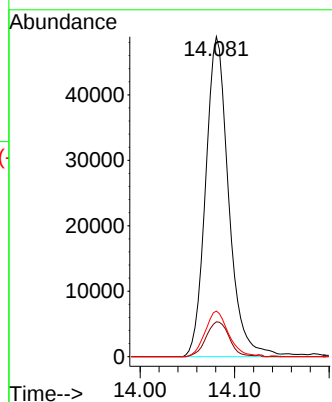


#71
Naphthalene
Concen: 5.389 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU060913.D
Acq: 19 Sep 2024 21:09

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 82659
Ion Ratio Lower Upper
128 100
129 10.9 8.3 12.5
127 14.5 10.7 16.1



#72
1,2,3-Trichlorobenzene
Concen: 5.644 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU060913.D
Acq: 19 Sep 2024 21:09

Tgt Ion:180 Resp: 56708
Ion Ratio Lower Upper
180 100
182 99.4 75.7 113.5
145 30.6 23.5 35.3

