

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080524\
 Data File : VU060309.D
 Acq On : 05 Aug 2024 12:54
 Operator : MD/SY
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 06 05:34:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U080524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Aug 06 05:30:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.107	96	34771	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	13258	1.119	ug/l	0.00
Spiked Amount 1.000			Recovery	=	112.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	13681	1.063	ug/l	0.00
Spiked Amount 1.000			Recovery	=	106.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	138460	10.353	ug/l	100
3) Chloromethane	1.522	50	150126	9.818	ug/l	100
4) Vinyl Chloride	1.602	62	156672	10.249	ug/l	100
5) Bromomethane	1.856	94	95427	10.159	ug/l	100
6) Chloroethane	1.930	64	94628	10.228	ug/l	100
7) Trichlorofluoromethane	2.136	101	190598	10.335	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	103111	10.275	ug/l	100
9) 1,1-Dichloroethene	2.573	96	104350	10.038	ug/l	100
10) Iodomethane	2.715	142	158361	10.407	ug/l	100
11) Allyl Chloride	2.917	41	145966	10.242	ug/l	100
12) Acrylonitrile	3.319	53	51577	18.990	ug/l	100
13) Acetone	2.641	43	125080	47.468	ug/l	100
14) Carbon Disulfide	2.785	76	358157	10.161	ug/l	100
15) Methylene Chloride	3.036	84	126928	9.754	ug/l	100
16) trans-1,2-Dichloroethene	3.341	96	114601	10.289	ug/l	100
17) 1,1-Dichloroethane	3.859	63	215960	10.085	ug/l	100
18) 2-Butanone	4.724	43	165611	43.455	ug/l	100
19) Cyclohexane	5.370	56	177806	9.632	ug/l	93
20) Methylcyclohexane	6.753	83	172365	11.766	ug/l	100
21) 2,2-Dichloropropane	4.653	77	165768	9.940	ug/l	100
22) cis-1,2-Dichloroethene	4.657	96	122609	10.275	ug/l	100
23) Diethyl Ether	2.374	59	83678	9.905	ug/l	100
24) tert-Butyl Alcohol	3.232	59	80558	72.784	ug/l	97
25) Methyl tert-Butyl Ether	3.361	73	253755	9.944	ug/l	100
26) Bromochloromethane	4.965	128	51075	10.109	ug/l	100
27) Chloroform	5.078	83	209111	9.979	ug/l	100
28) 1,1,1-Trichloroethane	5.303	97	175090	10.059	ug/l	100
29) 1,1-Dichloropropene	5.512	75	142831	10.241	ug/l	100
30) Carbon Tetrachloride	5.509	117	145807	10.279	ug/l	100
31) Isopropyl Ether	3.994	45	318032	10.159	ug/l	100
32) Ethyl-t-butyl ether	4.505	59	305924	10.111	ug/l	100
33) Tert-Amyl methyl ether	5.946	73	229452	10.683	ug/l	100
34) Propionitrile	4.798	54	49097	45.778	ug/l	100
35) Benzene	5.763	78	453786	10.559	ug/l	100
36) 1,2-Dichloroethane	5.788	62	119822	10.033	ug/l	100
37) Trichloroethene	6.534	130	111376	10.468	ug/l	100
38) 1,2-Dichloropropane	6.785	63	122578	10.544	ug/l	100
39) Methacrylonitrile	4.978	41	36143	9.168	ug/l	100
40) Methyl acrylate	4.849	55	63175	9.152	ug/l	100
41) Tetrahydrofuran	5.068	42	36743	17.117	ug/l	100
42) 1-Chlorobutane	5.444	56	198325	10.313	ug/l	100
43) Dibromomethane	6.914	93	59511	10.119	ug/l	100
44) Bromodichloromethane	7.100	83	144978	10.267	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.795	43	291501	52.785	ug/l	100
46) t-1,4-Dichloro-2-butene	10.823	75	139609	46.184	ug/l #	60
47) Methyl methacrylate	6.965	69	106847	22.389	ug/l	100
48) Ethyl methacrylate	8.335	69	93056	11.484	ug/l	100
49) Toluene	7.962	92	277193	11.632	ug/l	100
50) t-1,3-Dichloropropene	8.206	75	128358	11.010	ug/l	100
51) cis-1,3-Dichloropropene	7.602	75	152010	10.839	ug/l	100
52) 1,1,2-Trichloroethane	8.396	97	86742	10.047	ug/l	100
53) 1,3-Dichloropropane	8.570	76	143841	10.442	ug/l	100
54) 2-Hexanone	8.689	43	223200	52.148	ug/l	100
55) Dibromochloromethane	8.804	129	98473	10.399	ug/l	100
56) 1,2-Dibromoethane	8.920	107	80029	10.337	ug/l	100
58) Tetrachloroethene	8.547	164	100867	10.608	ug/l	100
59) Chlorobenzene	9.441	112	286483	11.103	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.528	131	105456	10.374	ug/l	100
61) Pentachloroethane	11.422	117	92113	10.609	ug/l	100
62) Hexachloroethane	12.470	117	90408	10.772	ug/l	100
63) Ethyl Benzene	9.566	91	498635	10.225	ug/l	100
64) m/p-Xylenes	9.688	106	408989	20.468	ug/l	100
65) o-Xylene	10.094	106	190076	10.085	ug/l	100
66) Styrene	10.110	104	330668	10.210	ug/l	100
67) Bromoform	10.283	173	55945	10.087	ug/l	100
69) Isopropylbenzene	10.479	105	491347	10.097	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.775	83	115667	10.068	ug/l	100
71) 1,2,3-Trichloropropane	10.823	75	139609	17.016	ug/l	75
72) Bromobenzene	10.775	156	120085	11.334	ug/l	100
73) n-propylbenzene	10.901	120	143582	10.267	ug/l	100
74) 2-Chlorotoluene	10.981	126	128017	10.368	ug/l	100
75) 1,3,5-Trimethylbenzene	11.084	105	445465	10.251	ug/l	100
76) 4-Chlorotoluene	11.090	126	134652	10.387	ug/l	100
77) tert-Butylbenzene	11.415	119	412838	10.067	ug/l	100
78) 1,2,4-Trimethylbenzene	11.460	105	461401	10.188	ug/l	100
79) sec-Butylbenzene	11.637	105	574882	10.218	ug/l	100
80) Nitrobenzene	13.203	77	25345	49.226	ug/l	97
81) p-Isopropyltoluene	11.788	119	478836	10.234	ug/l	100
82) 1,3-Dichlorobenzene	11.740	146	253098	11.450	ug/l	100
83) 1,4-Dichlorobenzene	11.830	146	256300	11.680	ug/l	100
84) n-Butylbenzene	12.203	91	464008	10.338	ug/l	100
85) 1,2-Dichlorobenzene	12.206	146	240867	11.266	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.991	75	16908	10.151	ug/l	100
87) 1,2,4-Trichlorobenzene	13.836	180	142384	11.644	ug/l	100
88) Hexachlorobutadiene	14.016	225	89309	11.295	ug/l	100
89) Naphthalene	14.081	128	243413	9.997	ug/l	100
90) 1,2,3-Trichlorobenzene	14.325	180	140179	11.742	ug/l	100

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

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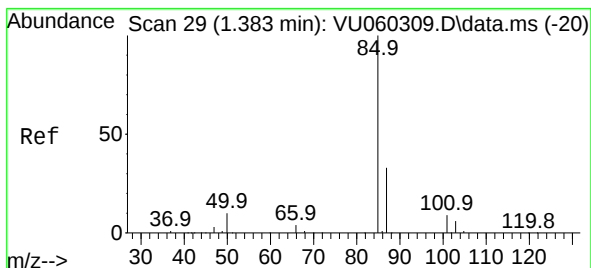
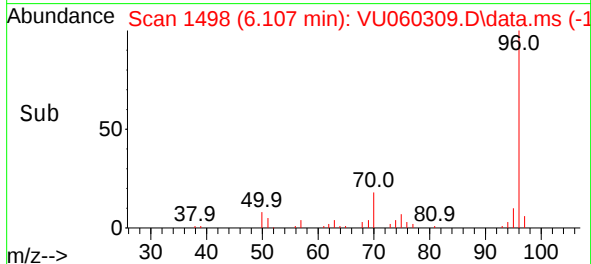
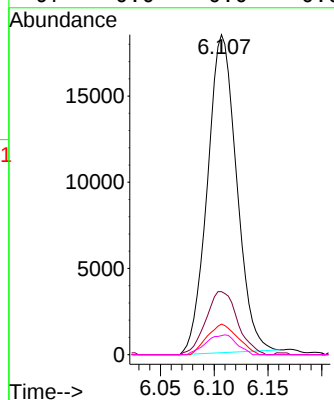
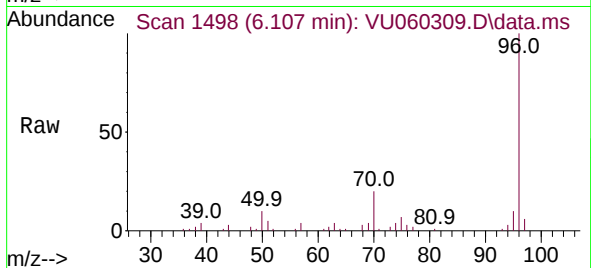




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.107 min Scan# 1498
Delta R.T. -0.000 min
Lab File: VU060309.D
Acq: 05 Aug 2024 12:54

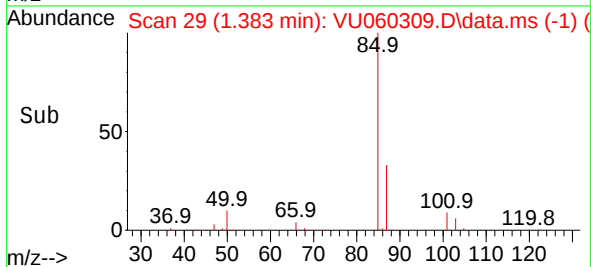
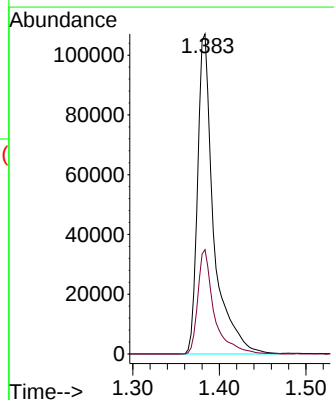
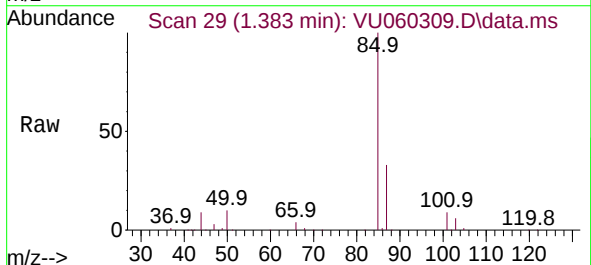
Instrument :
MSVOA_U
ClientSampleId :

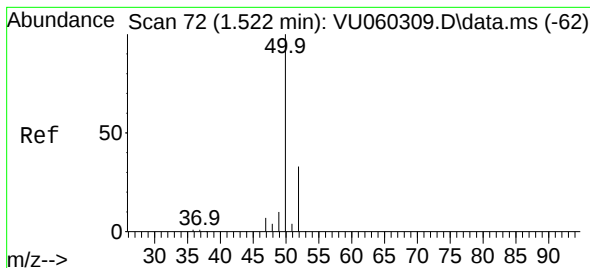
Tgt Ion: 96	Resp: 34771
Ion Ratio	Lower Upper
96 100	
70 21.5	17.2 25.8
95 9.9	7.9 11.9
97 0.0	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 10.353 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU060309.D
Acq: 05 Aug 2024 12:54

Tgt Ion: 85	Resp: 138460
Ion Ratio	Lower Upper
85 100	
87 32.6	16.3 48.9





#3

Chloromethane

Concen: 9.818 ug/l

RT: 1.522 min Scan# 72

Delta R.T. 0.000 min

Lab File: VU060309.D

Acq: 05 Aug 2024 12:54

Instrument :

MSVOA_U

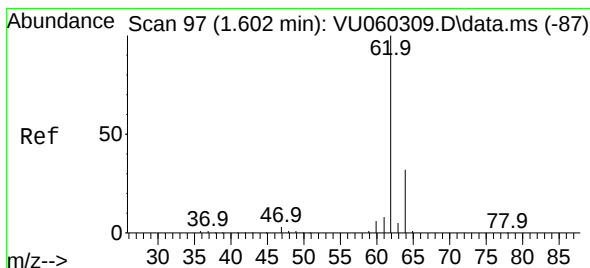
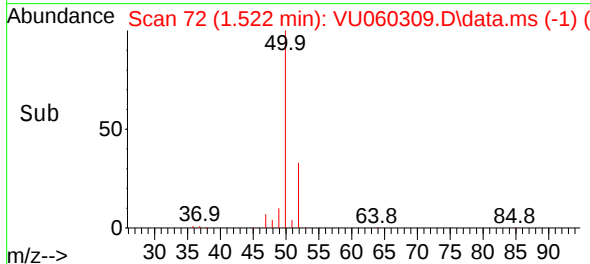
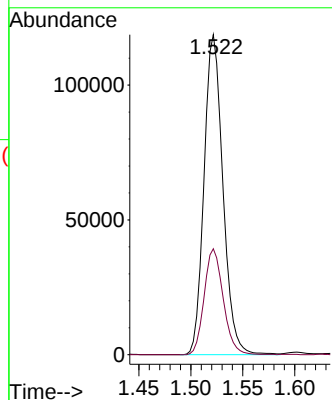
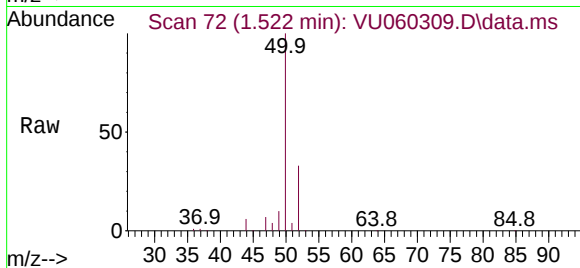
ClientSampleId :

Tgt Ion: 50 Resp: 150126

Ion Ratio Lower Upper

50 100

52 33.1 26.5 39.7



#4

Vinyl Chloride

Concen: 10.249 ug/l

RT: 1.602 min Scan# 97

Delta R.T. 0.000 min

Lab File: VU060309.D

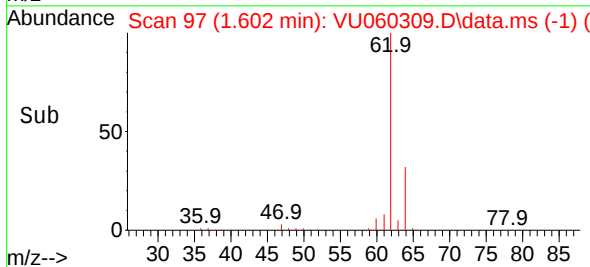
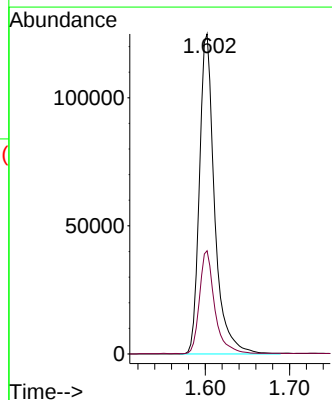
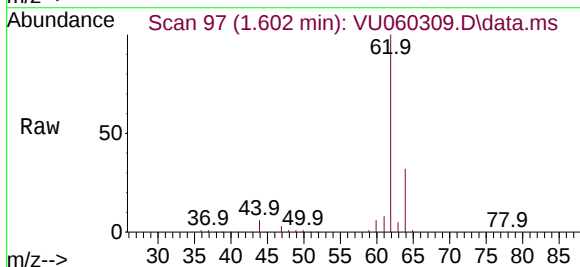
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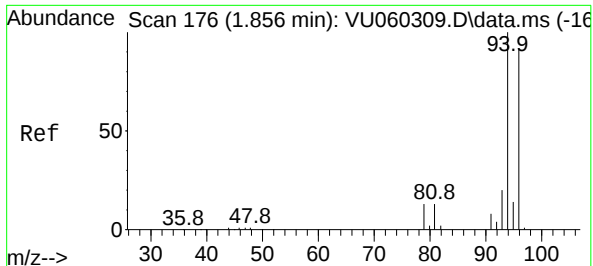
Tgt Ion: 62 Resp: 156672

Ion Ratio Lower Upper

62 100

64 32.2 25.8 38.6

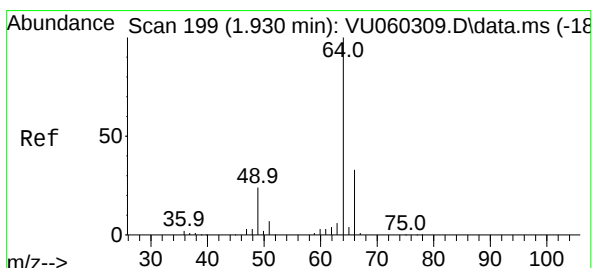
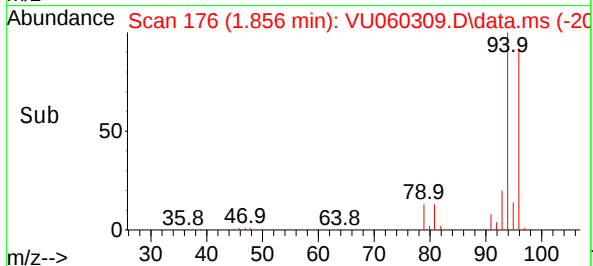
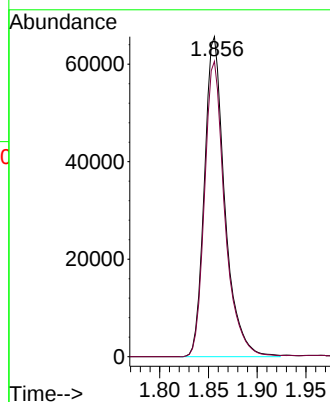
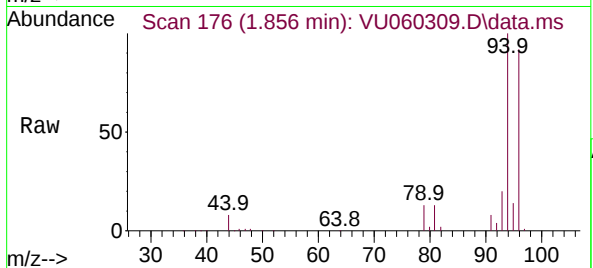




#5
Bromomethane
Concen: 10.159 ug/l
RT: 1.856 min Scan# 176
Delta R.T. 0.000 min
Lab File: VU060309.D
Acq: 05 Aug 2024 12:54

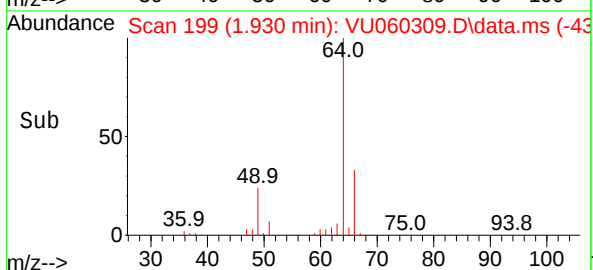
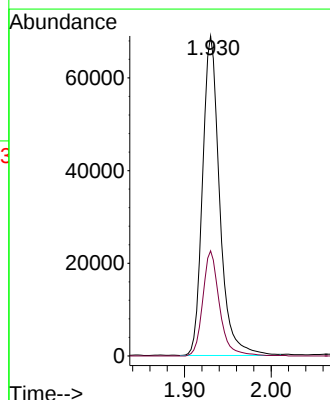
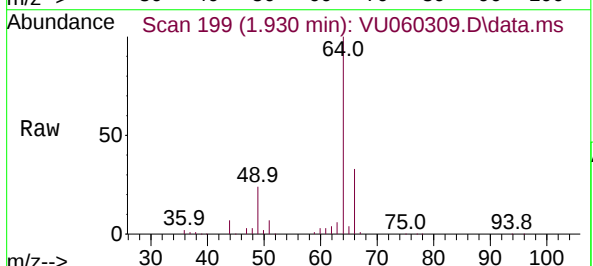
Instrument :
MSVOA_U
ClientSampleId :

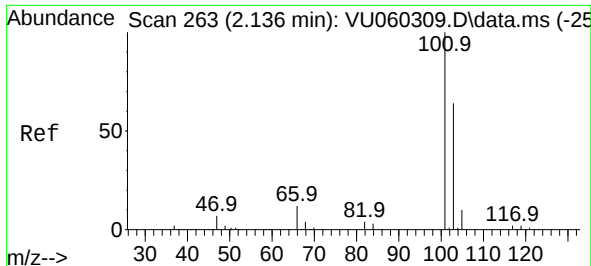
Tgt Ion: 94 Resp: 95427
Ion Ratio Lower Upper
94 100
96 92.3 73.8 110.8



#6
Chloroethane
Concen: 10.228 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU060309.D
Acq: 05 Aug 2024 12:54

Tgt Ion: 64 Resp: 94628
Ion Ratio Lower Upper
64 100
66 32.9 26.3 39.5

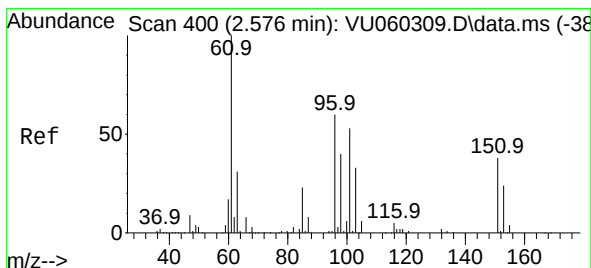
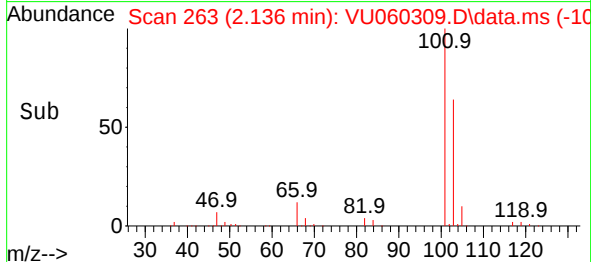
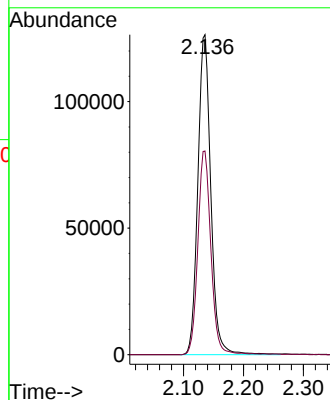
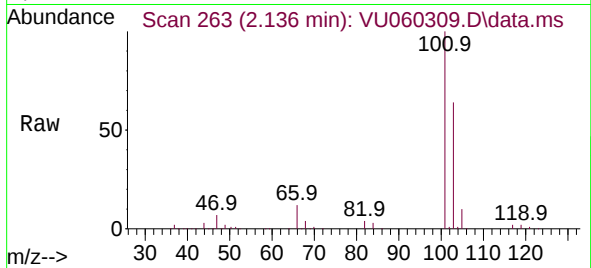




#7
 Trichlorofluoromethane
 Concen: 10.335 ug/l
 RT: 2.136 min Scan# 2
 Delta R.T. 0.000 min
 Lab File: VU060309.D
 Acq: 05 Aug 2024 12:54

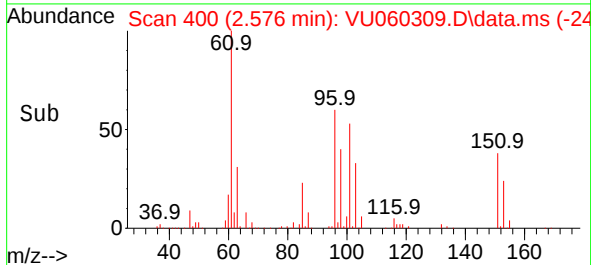
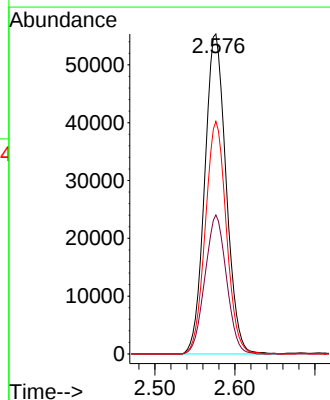
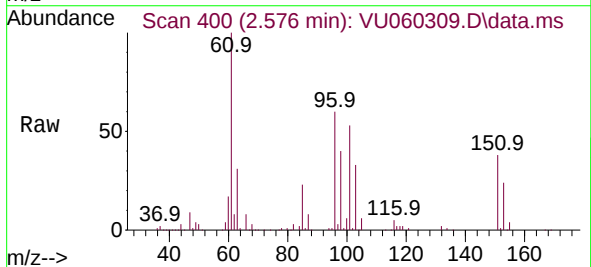
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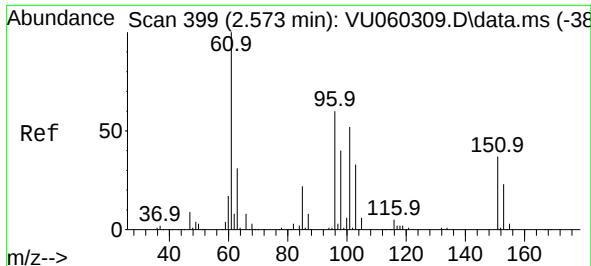
Tgt Ion:101 Resp: 190598
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.0 76.4



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.275 ug/l
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU060309.D
 Acq: 05 Aug 2024 12:54

Tgt Ion:101 Resp: 103111
 Ion Ratio Lower Upper
 101 100
 85 43.6 34.9 52.3
 151 71.5 57.2 85.8

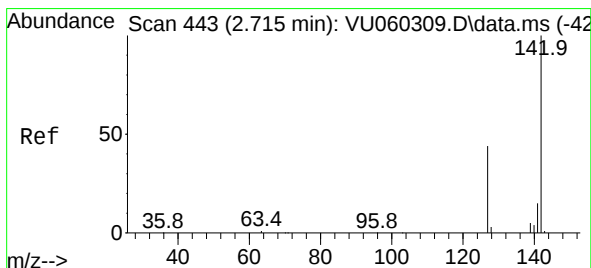
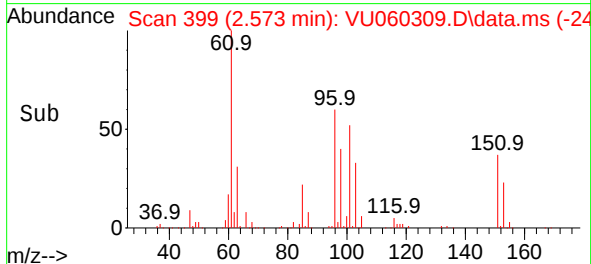
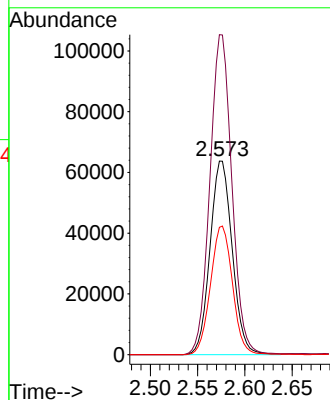
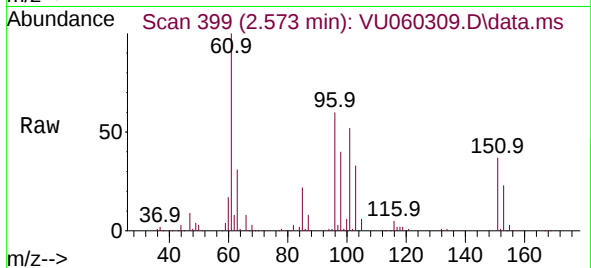




#9
1,1-Dichloroethene
Concen: 10.038 ug/l
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU060309.D
Acq: 05 Aug 2024 12:54

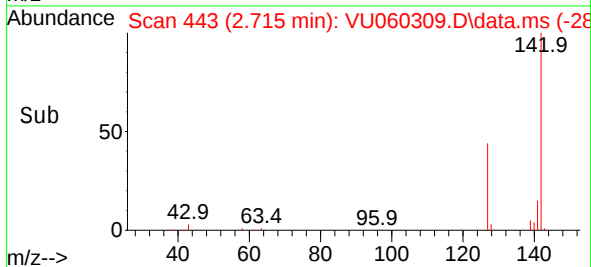
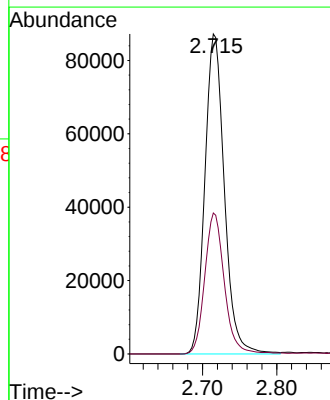
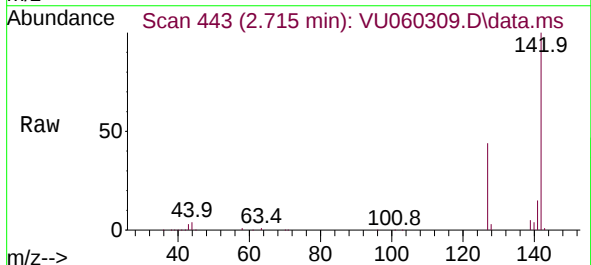
Instrument :
MSVOA_U
ClientSampleId :

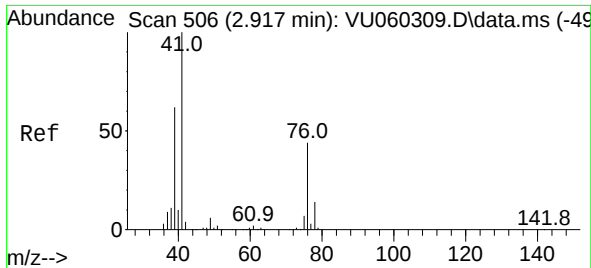
Tgt Ion: 96 Resp: 104350
Ion Ratio Lower Upper
96 100
61 165.3 0.0 495.9
98 65.8 0.0 131.6



#10
Iodomethane
Concen: 10.407 ug/l
RT: 2.715 min Scan# 443
Delta R.T. 0.000 min
Lab File: VU060309.D
Acq: 05 Aug 2024 12:54

Tgt Ion:142 Resp: 158361
Ion Ratio Lower Upper
142 100
127 44.4 35.5 53.3

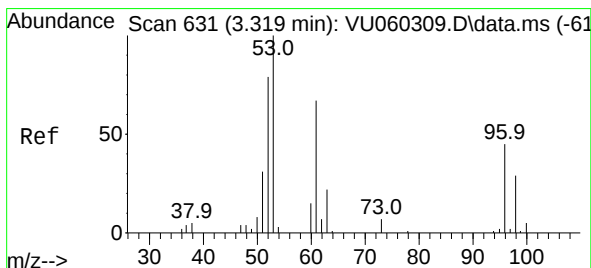
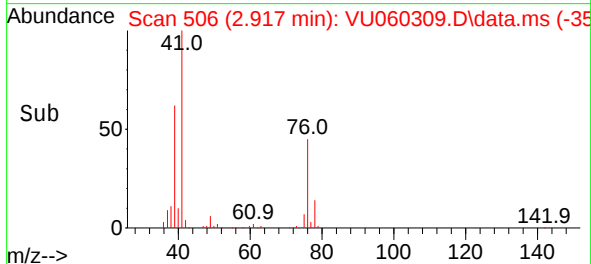
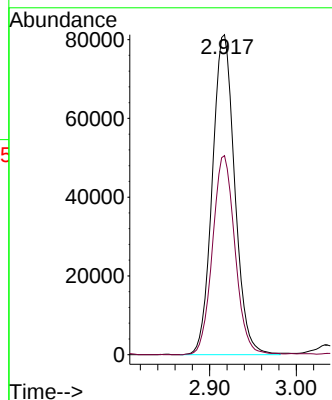
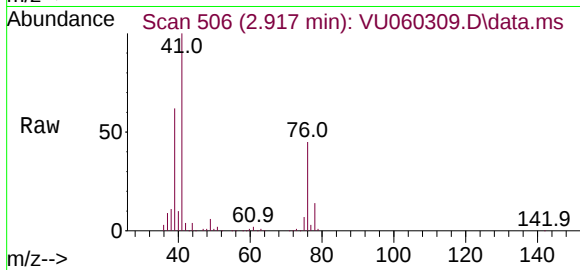




#11
 Allyl Chloride
 Concen: 10.242 ug/l
 RT: 2.917 min Scan# 506
 Delta R.T. 0.000 min
 Lab File: VU060309.D
 Acq: 05 Aug 2024 12:54

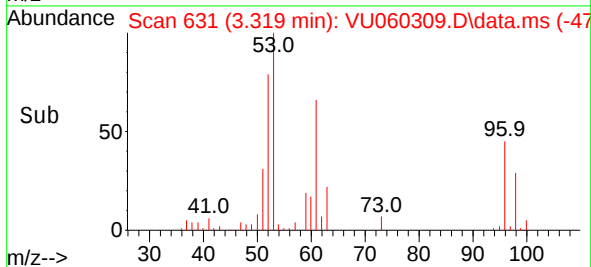
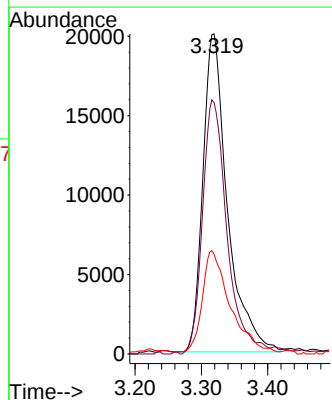
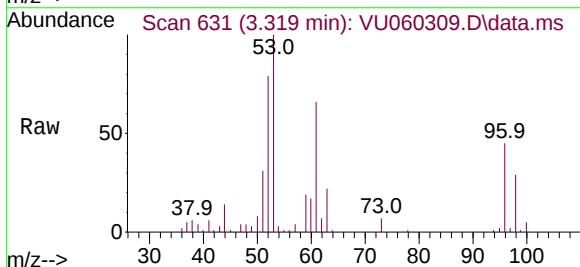
Instrument :
 MSVOA_U
 ClientSampleId :

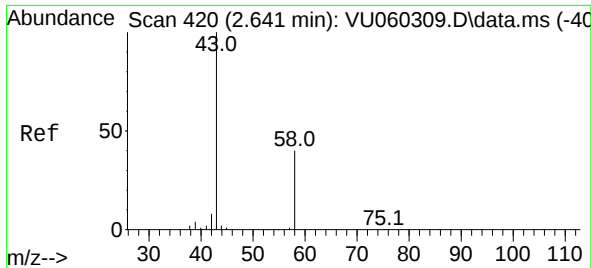
Tgt Ion: 41 Resp: 145966
 Ion Ratio Lower Upper
 41 100
 39 62.5 50.0 75.0



#12
 Acrylonitrile
 Concen: 18.990 ug/l
 RT: 3.319 min Scan# 631
 Delta R.T. 0.000 min
 Lab File: VU060309.D
 Acq: 05 Aug 2024 12:54

Tgt Ion: 53 Resp: 51577
 Ion Ratio Lower Upper
 53 100
 52 79.6 63.7 95.5
 51 35.3 28.2 42.4





#13

Acetone

Concen: 47.468 ug/l

RT: 2.641 min Scan# 41

Delta R.T. 0.000 min

Lab File: VU060309.D

Acq: 05 Aug 2024 12:54

Instrument :

MSVOA_U

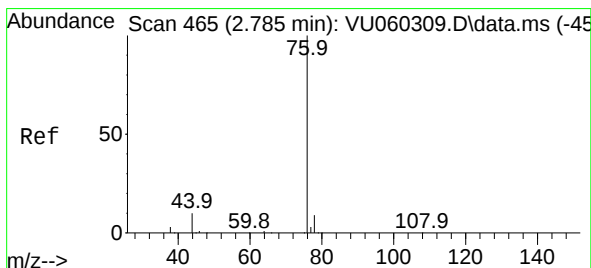
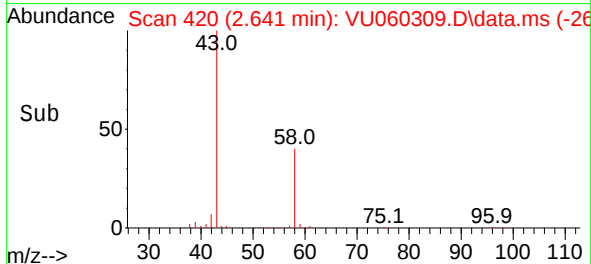
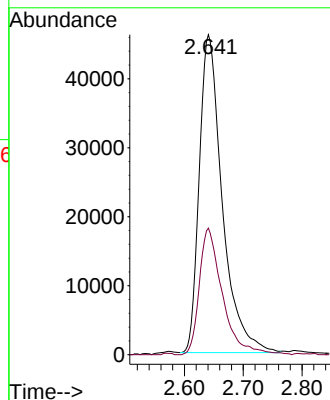
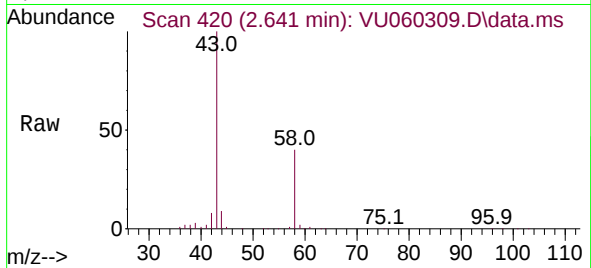
ClientSampleId :

Tgt Ion: 43 Resp: 125080

Ion Ratio Lower Upper

43 100

58 39.8 31.8 47.8



#14

Carbon Disulfide

Concen: 10.161 ug/l

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU060309.D

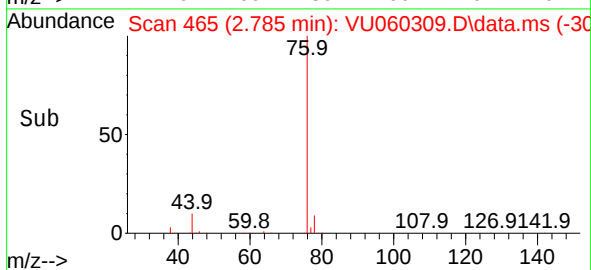
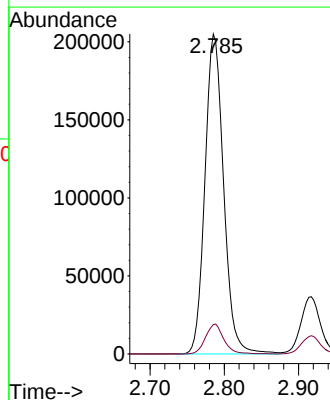
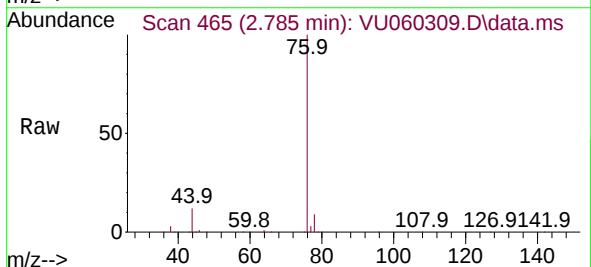
Acq: 05 Aug 2024 12:54

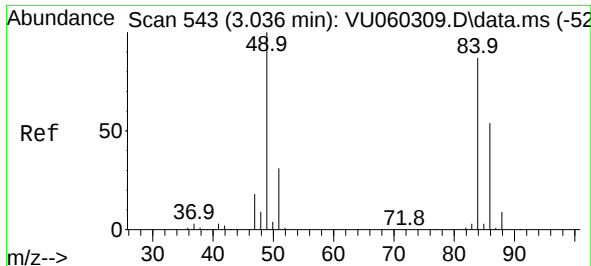
Tgt Ion: 76 Resp: 358157

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0





#15

Methylene Chloride

Concen: 9.754 ug/l

RT: 3.036 min Scan# 543

Delta R.T. 0.000 min

Lab File: VU060309.D

Acq: 05 Aug 2024 12:54

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 84 Resp: 126928

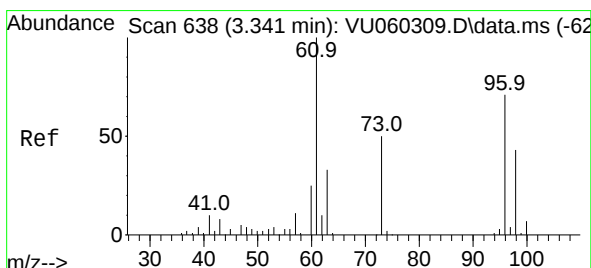
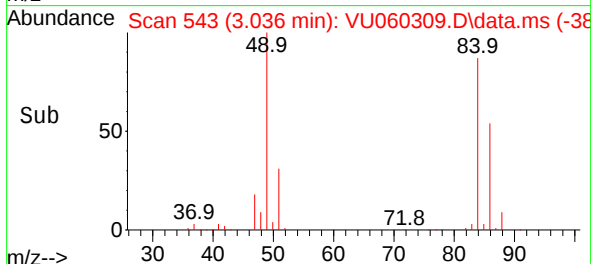
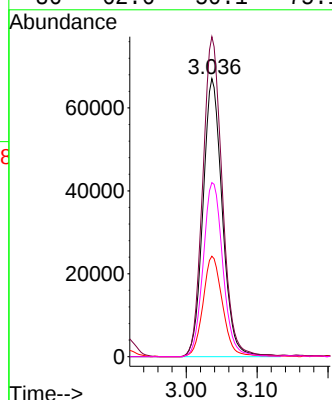
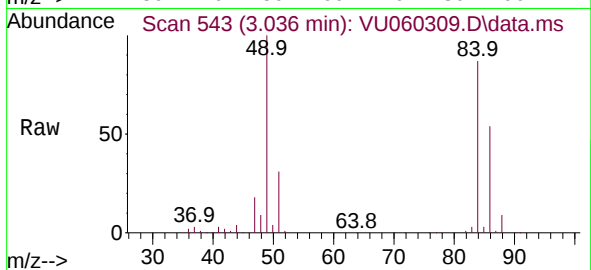
Ion Ratio Lower Upper

84 100

49 115.1 92.1 138.1

51 36.2 0.0 72.4

86 62.6 50.1 75.1



#16

trans-1,2-Dichloroethene

Concen: 10.289 ug/l

RT: 3.341 min Scan# 638

Delta R.T. 0.000 min

Lab File: VU060309.D

Acq: 05 Aug 2024 12:54

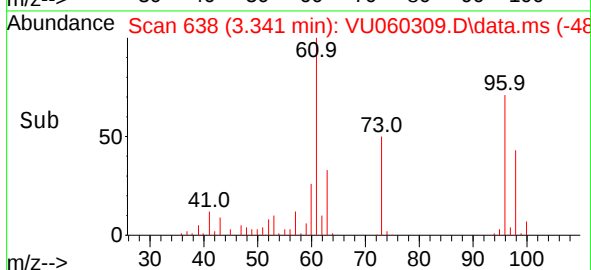
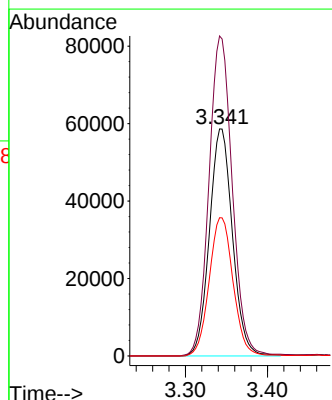
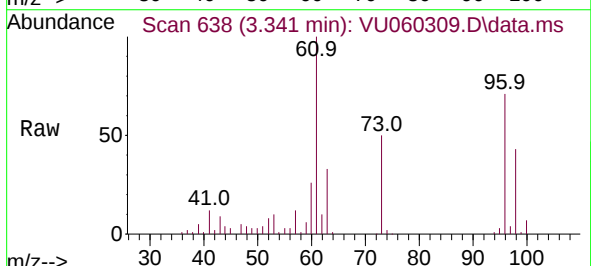
Tgt Ion: 96 Resp: 114601

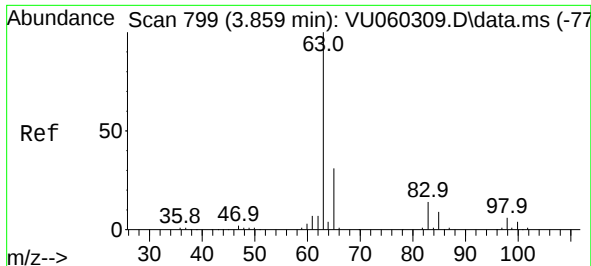
Ion Ratio Lower Upper

96 100

61 141.0 112.8 169.2

98 60.9 48.7 73.1

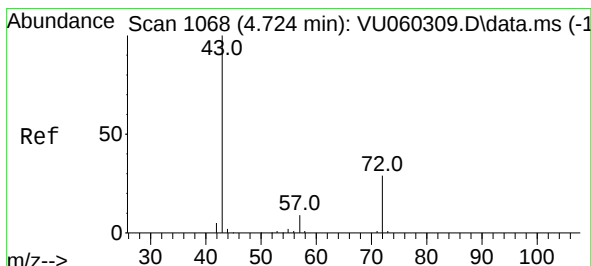
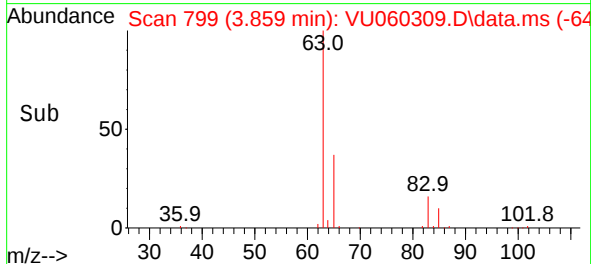
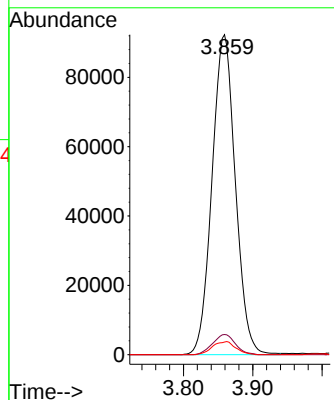
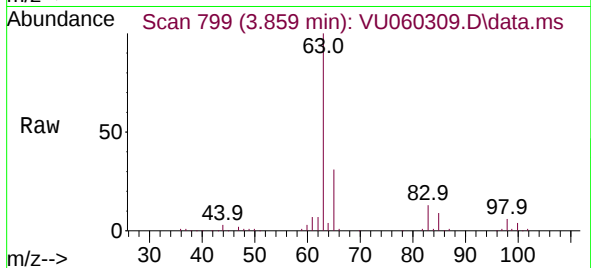




#17
1,1-Dichloroethane
Concen: 10.085 ug/l
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU060309.D
Acq: 05 Aug 2024 12:54

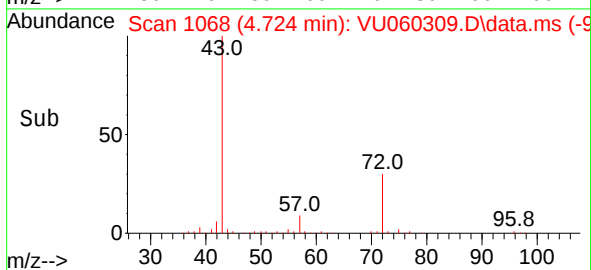
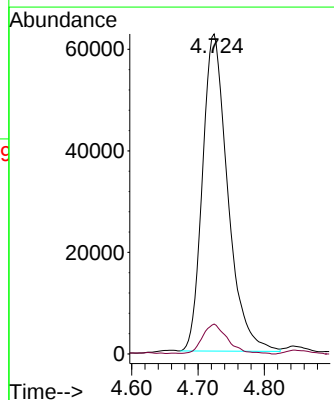
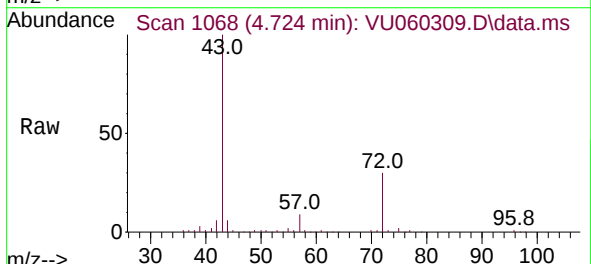
Instrument :
MSVOA_U
ClientSampleId :

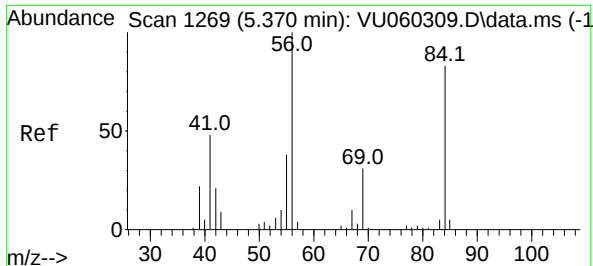
Tgt Ion: 63 Resp: 215960
Ion Ratio Lower Upper
63 100
98 6.3 3.1 9.4
100 3.9 2.0 5.8



#18
2-Butanone
Concen: 43.455 ug/l
RT: 4.724 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VU060309.D
Acq: 05 Aug 2024 12:54

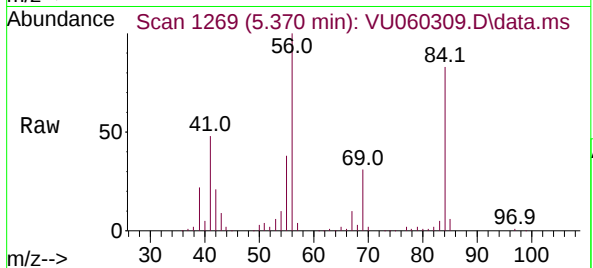
Tgt Ion: 43 Resp: 165611
Ion Ratio Lower Upper
43 100
57 9.2 0.0 18.4



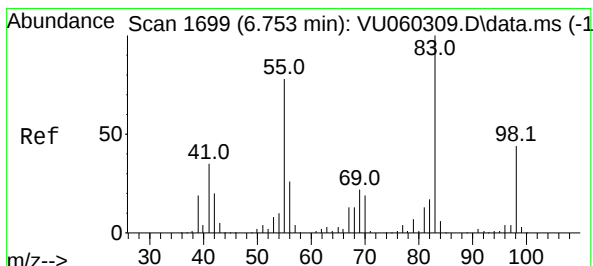
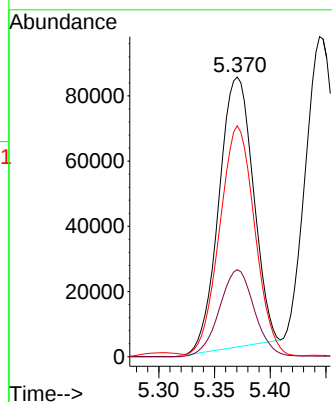
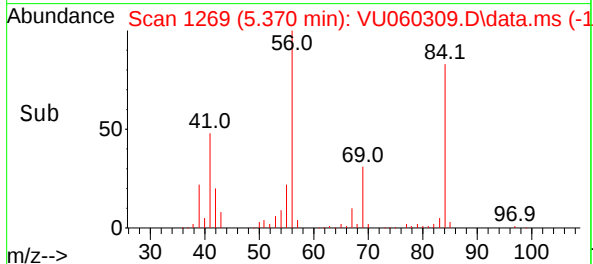


#19
Cyclohexane
Concen: 9.632 ug/l
RT: 5.370 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VU060309.D
Acq: 05 Aug 2024 12:54

Instrument :
MSVOA_U
ClientSampleId :

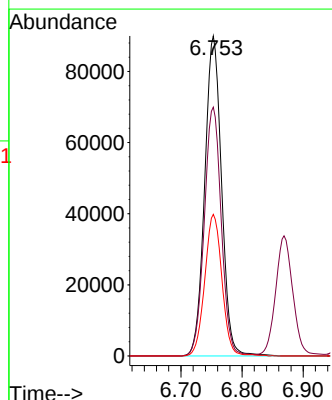
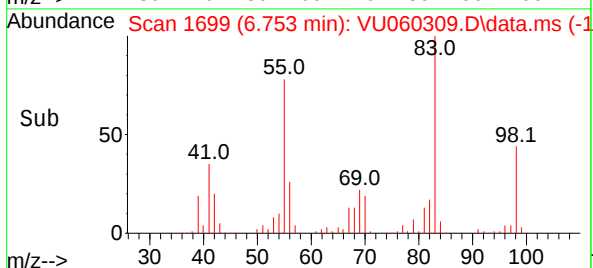
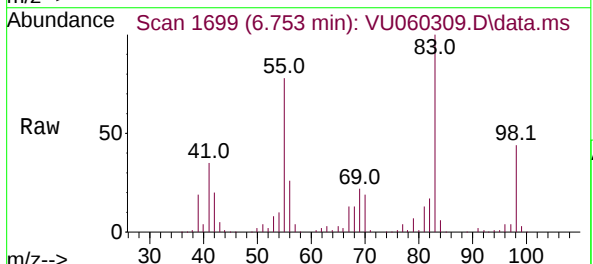


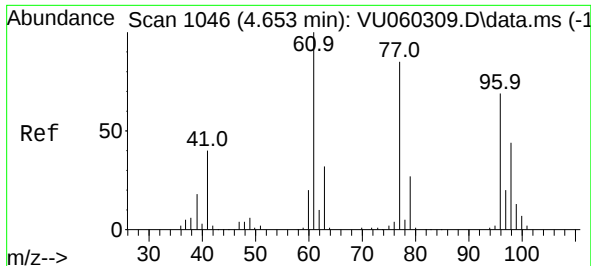
Tgt Ion: 56 Resp: 177806
Ion Ratio Lower Upper
56 100
69 32.7 24.2 36.2
84 86.4 63.9 95.9



#20
Methylcyclohexane
Concen: 11.766 ug/l
RT: 6.753 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VU060309.D
Acq: 05 Aug 2024 12:54

Tgt Ion: 83 Resp: 172365
Ion Ratio Lower Upper
83 100
55 77.7 62.2 93.2
98 45.1 36.1 54.1

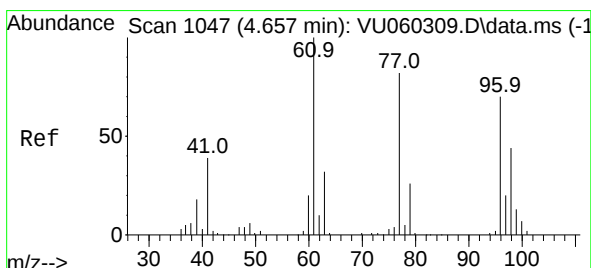
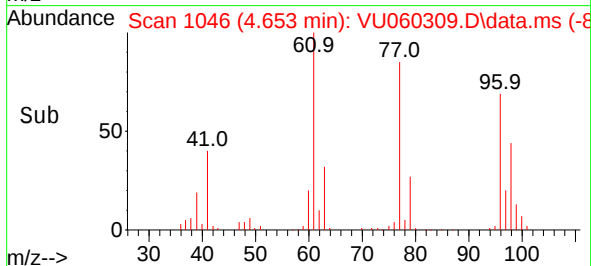
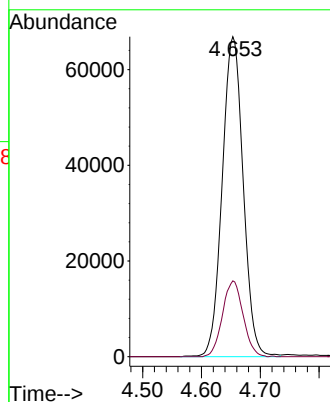
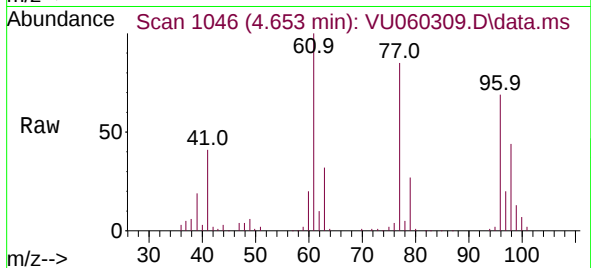




#21
2,2-Dichloropropane
Concen: 9.940 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. 0.000 min
Lab File: VU060309.D
Acq: 05 Aug 2024 12:54

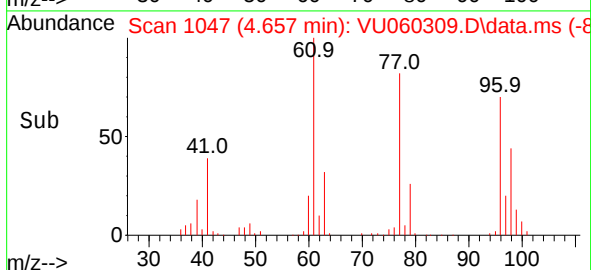
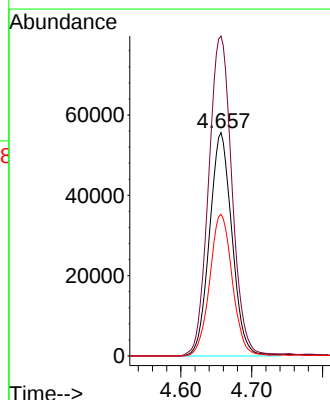
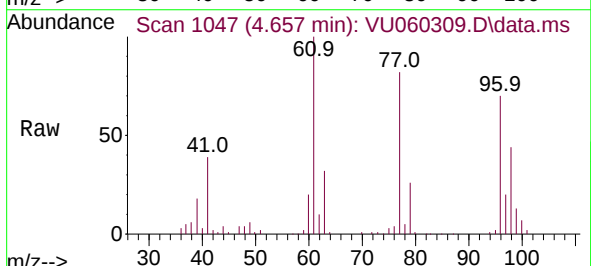
Instrument :
MSVOA_U
ClientSampleId :

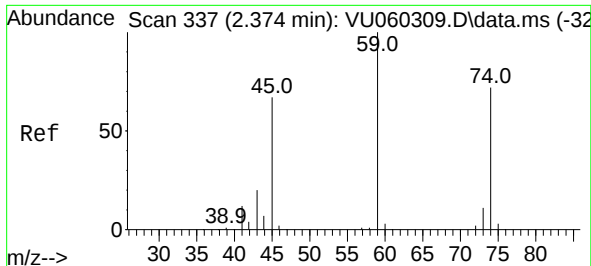
Tgt Ion: 77 Resp: 165768
Ion Ratio Lower Upper
77 100
97 23.2 18.6 27.8



#22
cis-1,2-Dichloroethene
Concen: 10.275 ug/l
RT: 4.657 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU060309.D
Acq: 05 Aug 2024 12:54

Tgt Ion: 96 Resp: 122609
Ion Ratio Lower Upper
96 100
61 149.1 0.0 372.8
98 63.6 31.8 95.4





#23

Diethyl Ether

Concen: 9.905 ug/l

RT: 2.374 min Scan# 337

Delta R.T. 0.000 min

Lab File: VU060309.D

Acq: 05 Aug 2024 12:54

Instrument :

MSVOA_U

ClientSampleId :

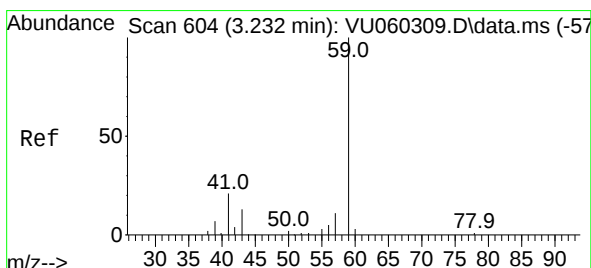
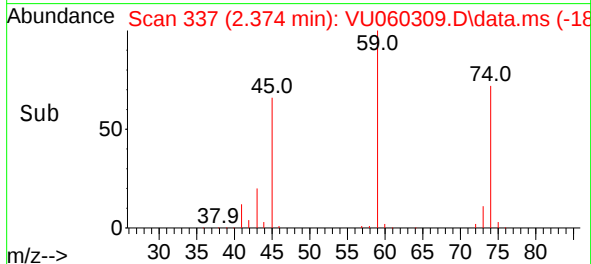
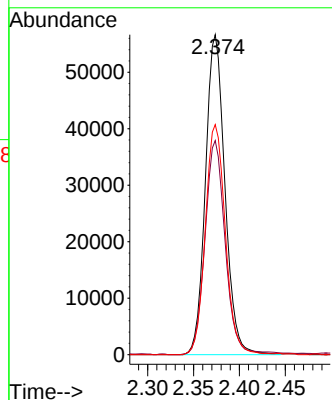
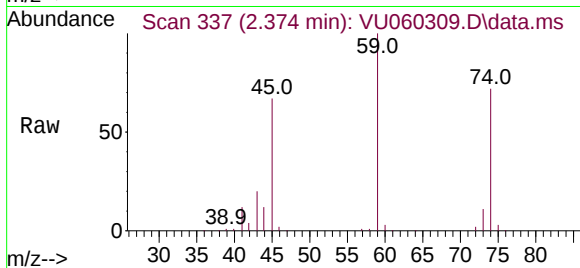
Tgt Ion: 59 Resp: 83678

Ion Ratio Lower Upper

59 100

45 69.7 55.8 83.6

74 74.0 59.2 88.8



#24

tert-Butyl Alcohol

Concen: 72.784 ug/l

RT: 3.232 min Scan# 604

Delta R.T. 0.000 min

Lab File: VU060309.D

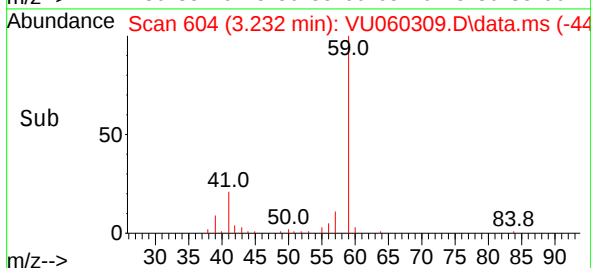
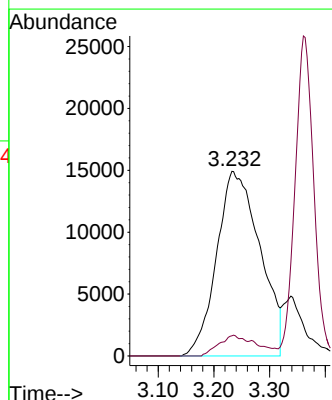
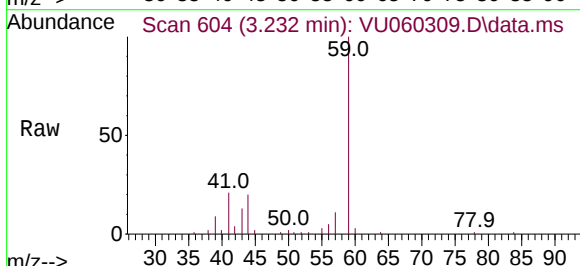
Acq: 05 Aug 2024 12:54

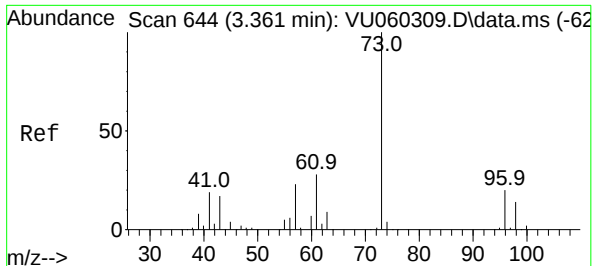
Tgt Ion: 59 Resp: 80558

Ion Ratio Lower Upper

59 100

57 6.6 4.5 6.7





#25

Methyl tert-Butyl Ether

Concen: 9.944 ug/l

RT: 3.361 min Scan# 644

Delta R.T. 0.000 min

Lab File: VU060309.D

Acq: 05 Aug 2024 12:54

Instrument :

MSVOA_U

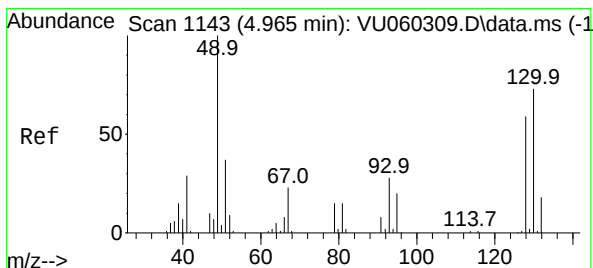
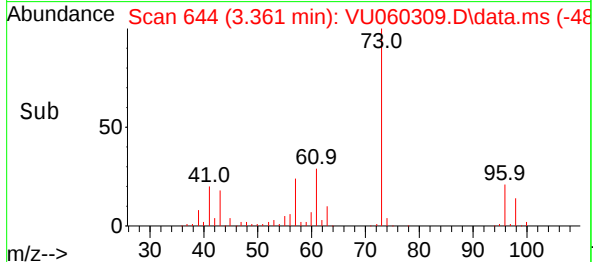
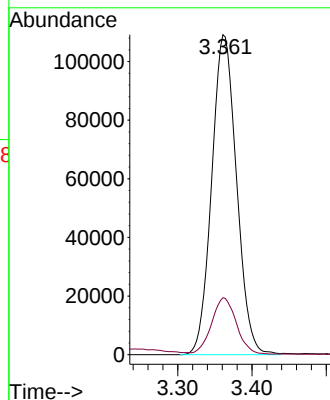
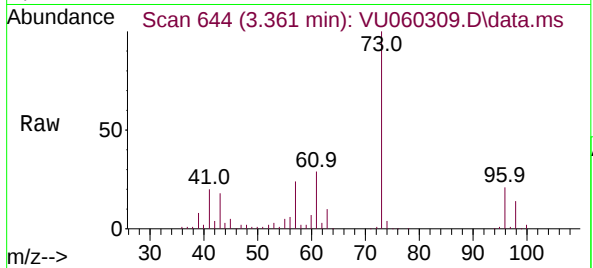
ClientSampleId :

Tgt Ion: 73 Resp: 253755

Ion Ratio Lower Upper

73 100

43 17.6 14.1 21.1



#26

Bromochloromethane

Concen: 10.109 ug/l

RT: 4.965 min Scan# 1143

Delta R.T. 0.000 min

Lab File: VU060309.D

Acq: 05 Aug 2024 12:54

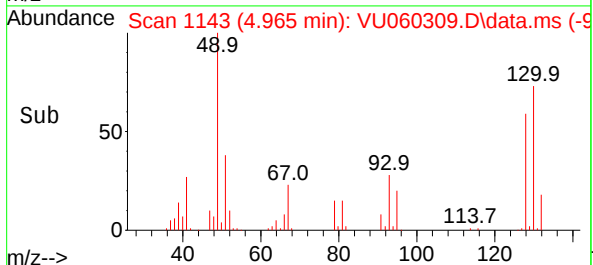
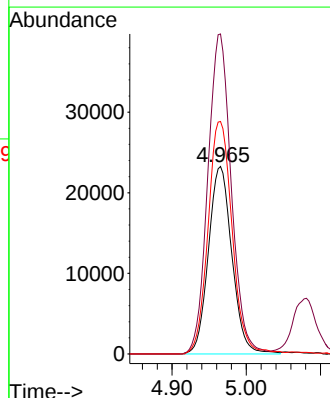
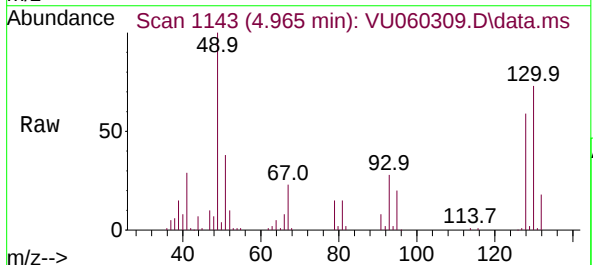
Tgt Ion: 128 Resp: 51075

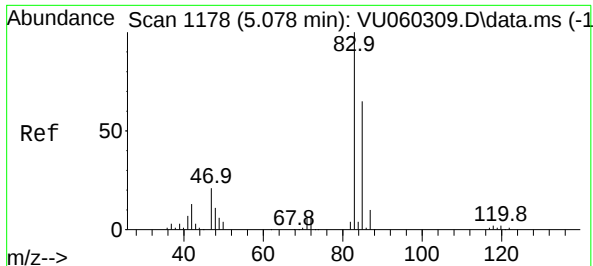
Ion Ratio Lower Upper

128 100

49 170.4 0.0 340.8

130 127.6 102.1 153.1

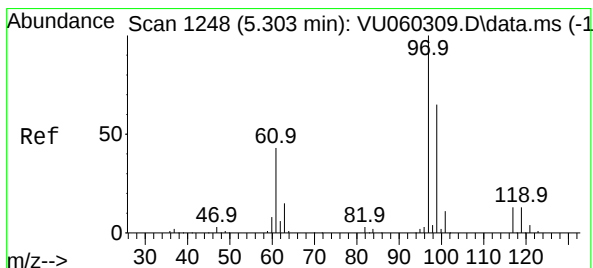
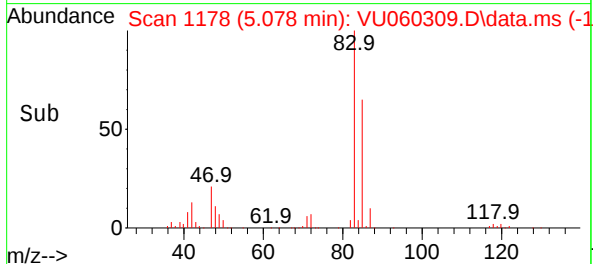
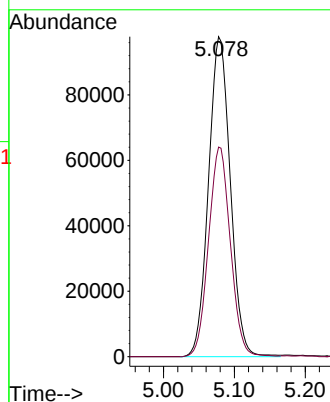
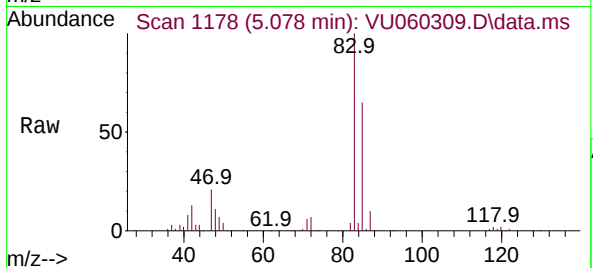




#27
Chloroform
Concen: 9.979 ug/l
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU060309.D
Acq: 05 Aug 2024 12:54

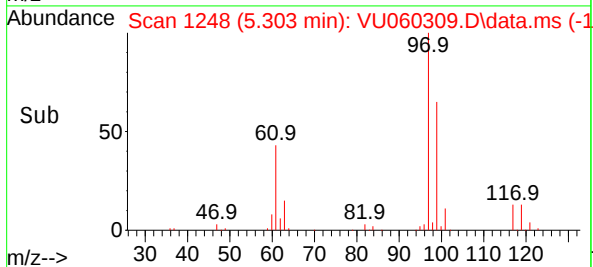
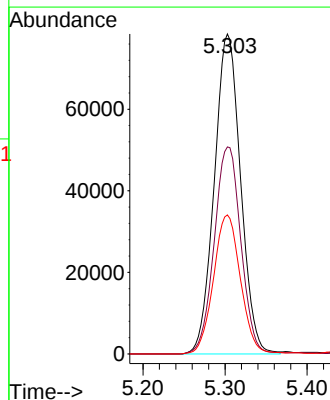
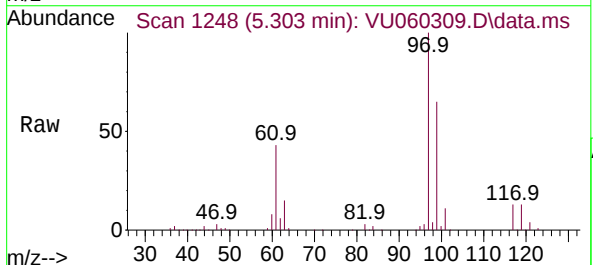
Instrument :
MSVOA_U
ClientSampleId :

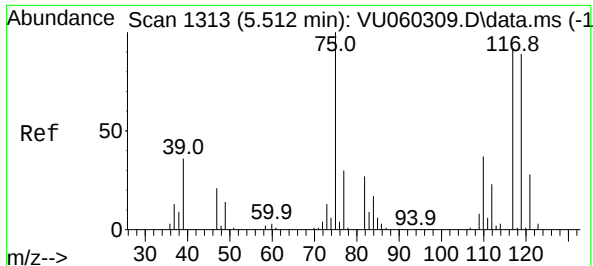
Tgt Ion: 83 Resp: 209111
Ion Ratio Lower Upper
83 100
85 65.5 0.0 131.0



#28
1,1,1-Trichloroethane
Concen: 10.059 ug/l
RT: 5.303 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VU060309.D
Acq: 05 Aug 2024 12:54

Tgt Ion: 97 Resp: 175090
Ion Ratio Lower Upper
97 100
99 65.6 32.8 98.4
61 44.6 22.3 66.9

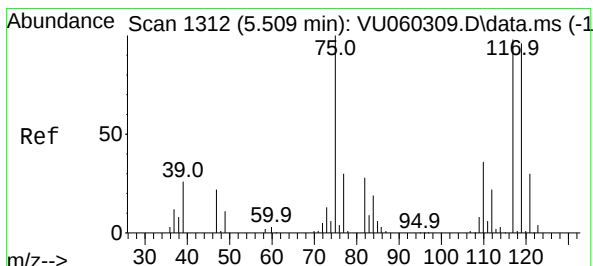
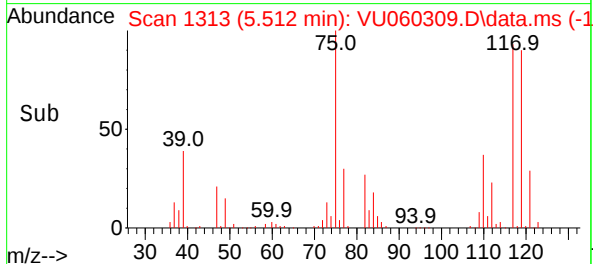
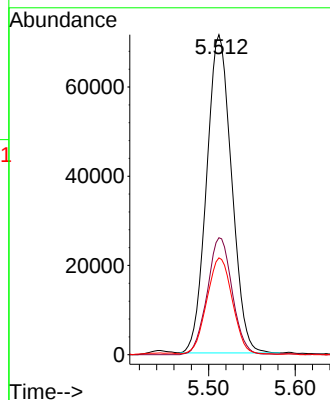
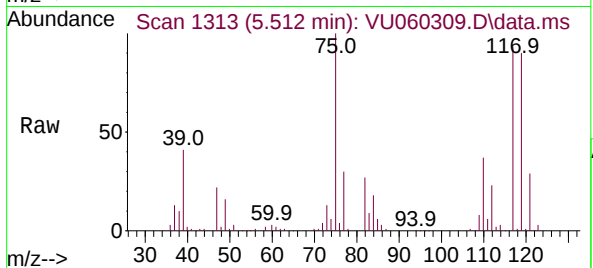




#29
1,1-Dichloropropene
Concen: 10.241 ug/l
RT: 5.512 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VU060309.D
Acq: 05 Aug 2024 12:54

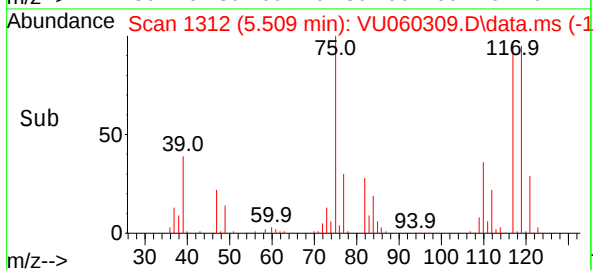
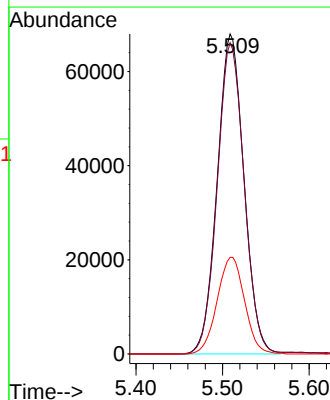
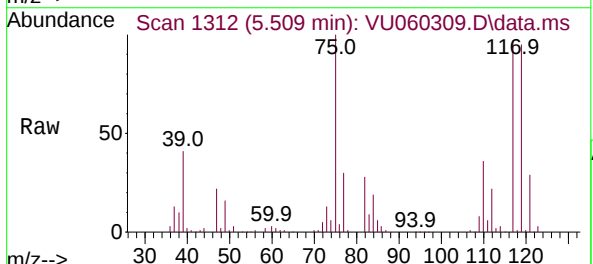
Instrument :
MSVOA_U
ClientSampleId :

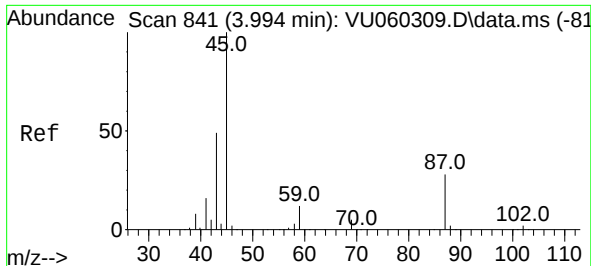
Tgt Ion: 75 Resp: 142831
Ion Ratio Lower Upper
75 100
110 36.8 18.4 55.2
77 31.0 24.8 37.2



#30
Carbon Tetrachloride
Concen: 10.279 ug/l
RT: 5.509 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VU060309.D
Acq: 05 Aug 2024 12:54

Tgt Ion: 117 Resp: 145807
Ion Ratio Lower Upper
117 100
119 97.2 77.8 116.6
121 30.2 24.2 36.2

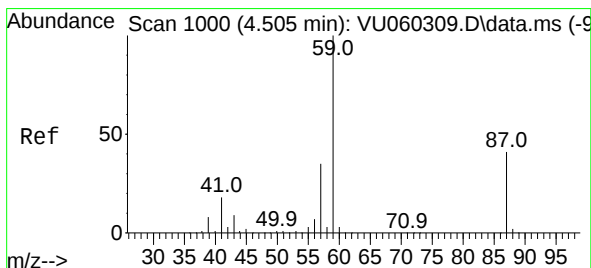
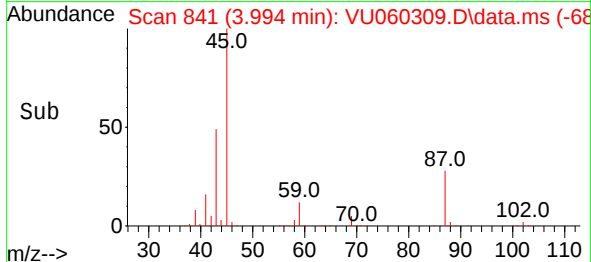
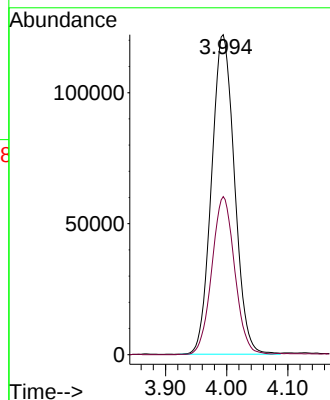
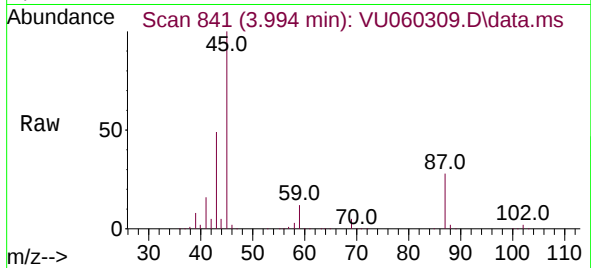




#31
Isopropyl Ether
Concen: 10.159 ug/l
RT: 3.994 min Scan# 841
Delta R.T. 0.000 min
Lab File: VU060309.D
Acq: 05 Aug 2024 12:54

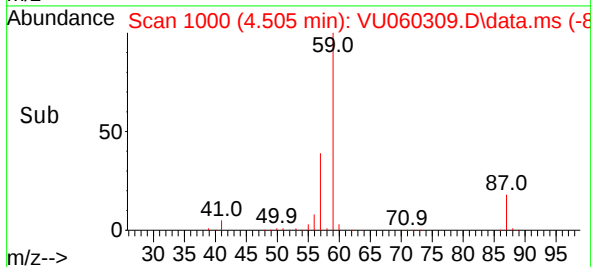
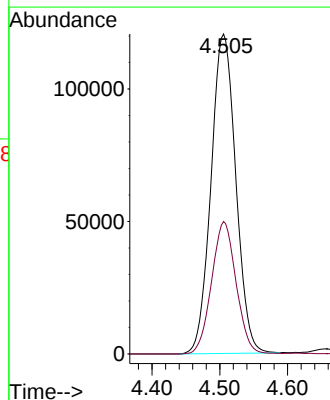
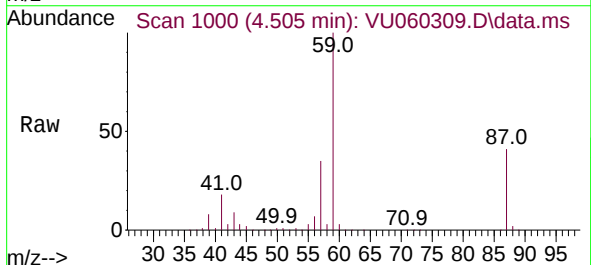
Instrument :
MSVOA_U
ClientSampleId :

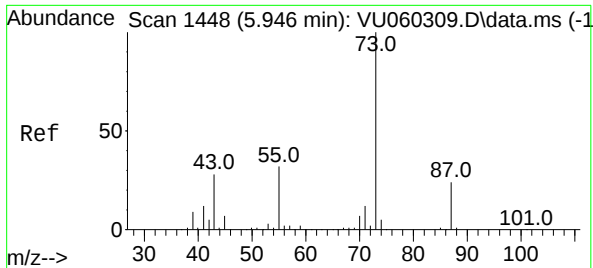
Tgt Ion: 45 Resp: 318032
Ion Ratio Lower Upper
45 100
43 49.4 24.7 74.1



#32
Ethyl-t-butyl ether
Concen: 10.111 ug/l
RT: 4.505 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VU060309.D
Acq: 05 Aug 2024 12:54

Tgt Ion: 59 Resp: 305924
Ion Ratio Lower Upper
59 100
87 40.8 32.6 49.0

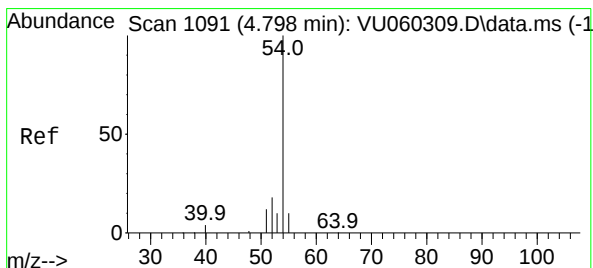
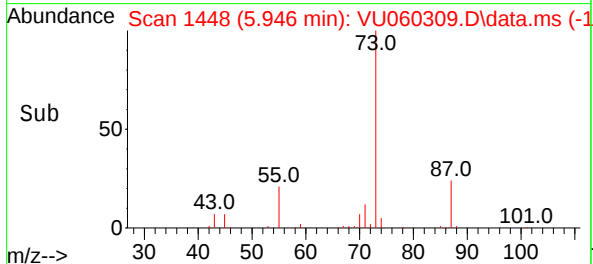
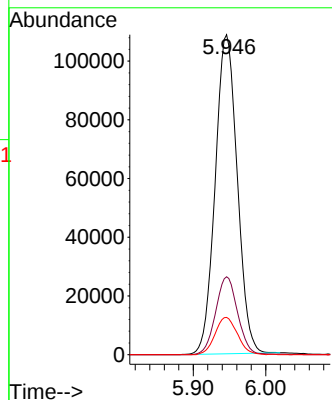
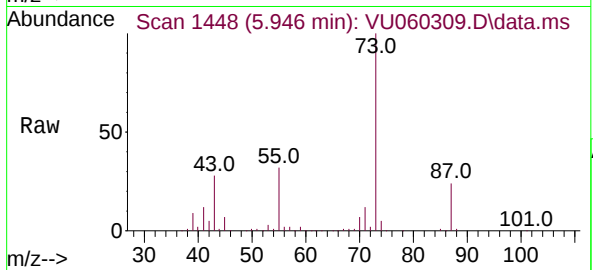




#33
Tert-Amyl methyl ether
Concen: 10.683 ug/l
RT: 5.946 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VU060309.D
Acq: 05 Aug 2024 12:54

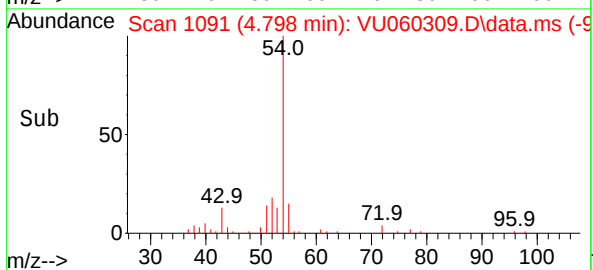
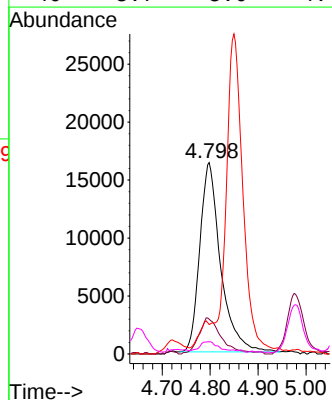
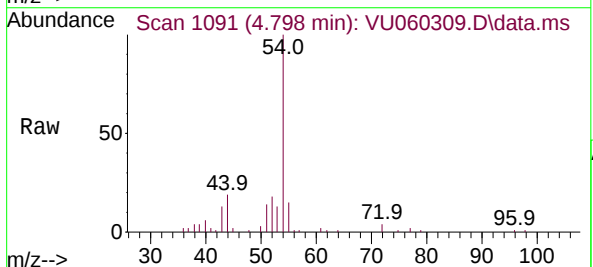
Instrument :
MSVOA_U
ClientSampleId :

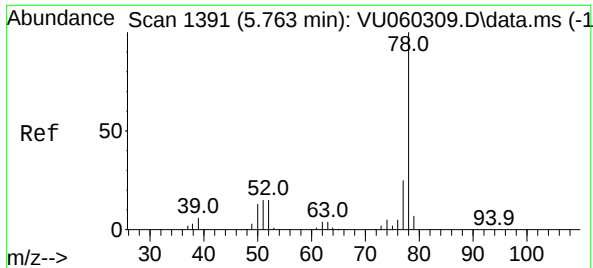
Tgt Ion: 73 Resp: 229452
Ion Ratio Lower Upper
73 100
87 24.5 19.6 29.4
71 11.9 9.5 14.3



#34
Propionitrile
Concen: 45.778 ug/l
RT: 4.798 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VU060309.D
Acq: 05 Aug 2024 12:54

Tgt Ion: 54 Resp: 49097
Ion Ratio Lower Upper
54 100
52 20.5 16.4 24.6
55 6.5 5.2 7.8
40 3.7 3.0 4.4

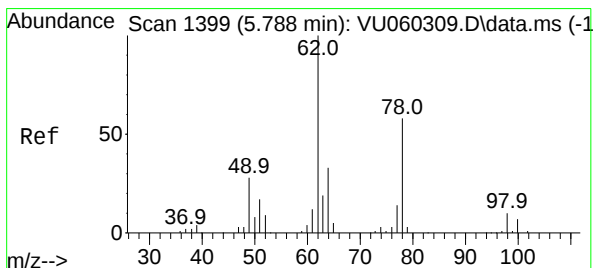
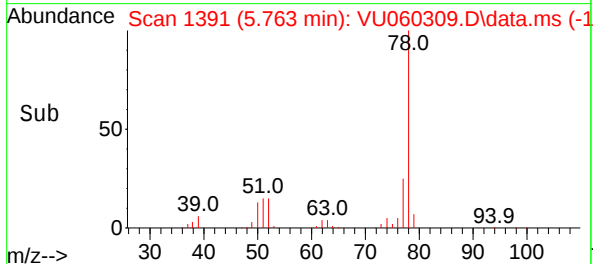
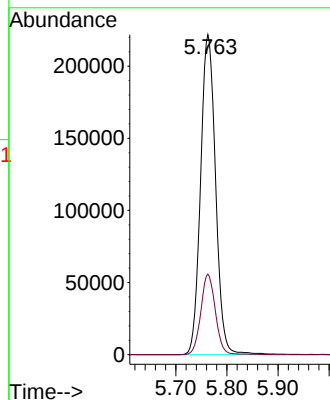
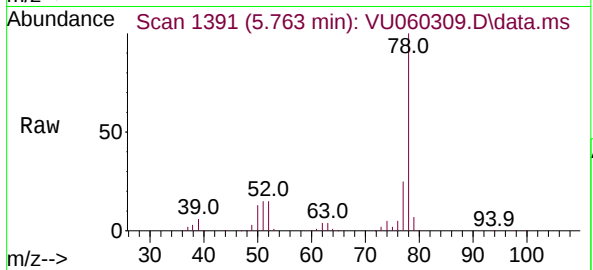




#35
Benzene
Concen: 10.559 ug/l
RT: 5.763 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VU060309.D
Acq: 05 Aug 2024 12:54

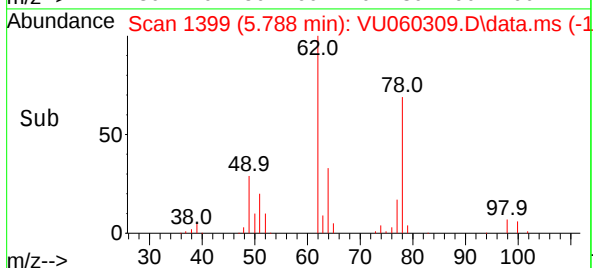
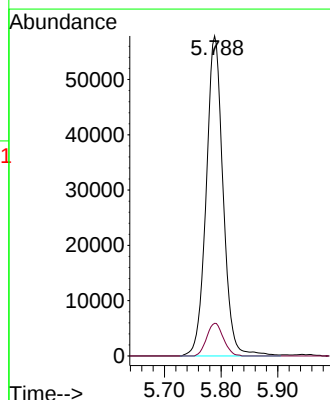
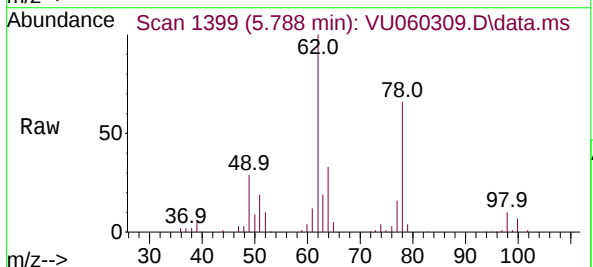
Instrument :
MSVOA_U
ClientSampleId :

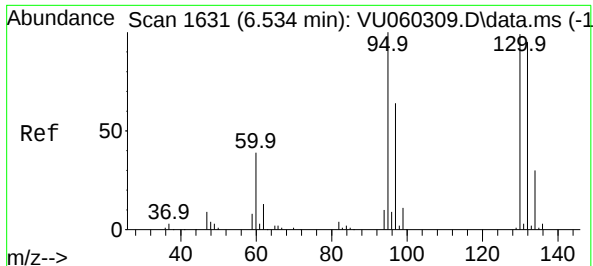
Tgt Ion: 78 Resp: 453786
Ion Ratio Lower Upper
78 100
77 25.2 20.2 30.2



#36
1,2-Dichloroethane
Concen: 10.033 ug/l
RT: 5.788 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VU060309.D
Acq: 05 Aug 2024 12:54

Tgt Ion: 62 Resp: 119822
Ion Ratio Lower Upper
62 100
98 10.1 8.1 12.1





#37

Trichloroethene

Concen: 10.468 ug/l

RT: 6.534 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU060309.D

Acq: 05 Aug 2024 12:54

Instrument :

MSVOA_U

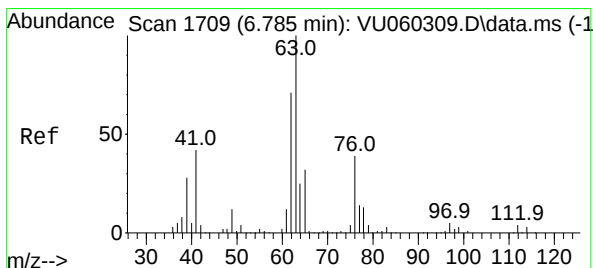
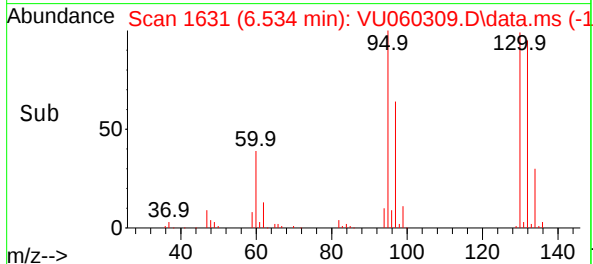
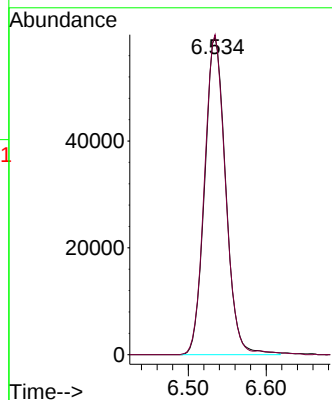
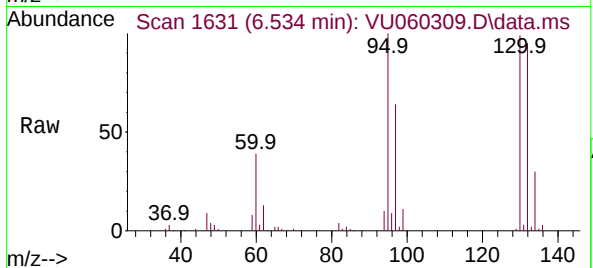
ClientSampleId :

Tgt Ion:130 Resp: 111376

Ion Ratio Lower Upper

130 100

95 100.8 80.6 121.0



#38

1,2-Dichloropropane

Concen: 10.544 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. 0.000 min

Lab File: VU060309.D

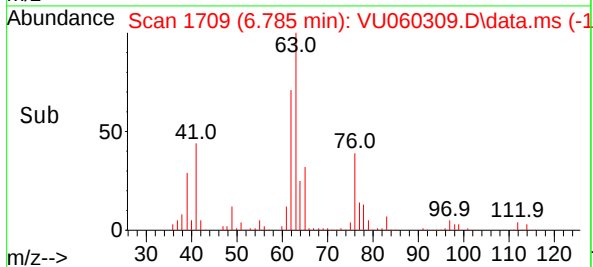
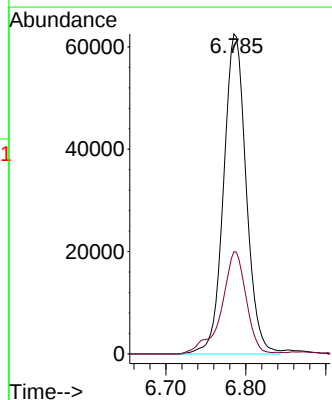
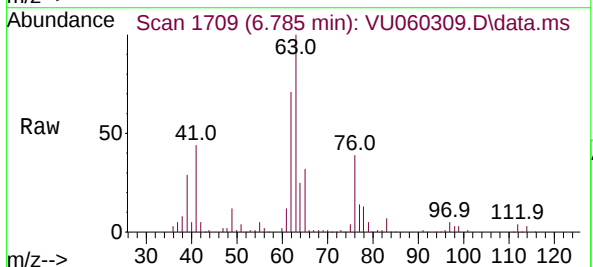
Acq: 05 Aug 2024 12:54

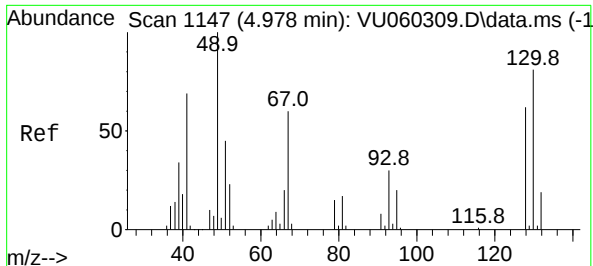
Tgt Ion: 63 Resp: 122578

Ion Ratio Lower Upper

63 100

65 32.0 25.6 38.4



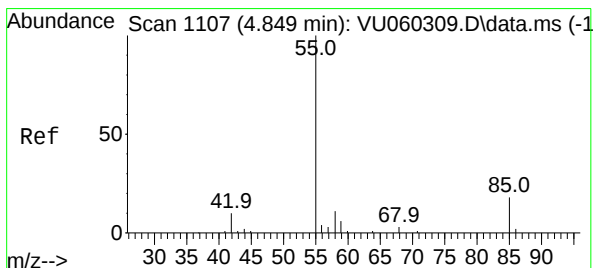
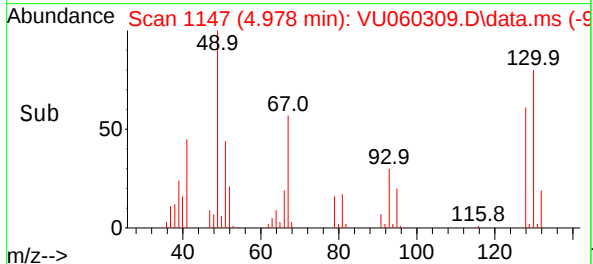
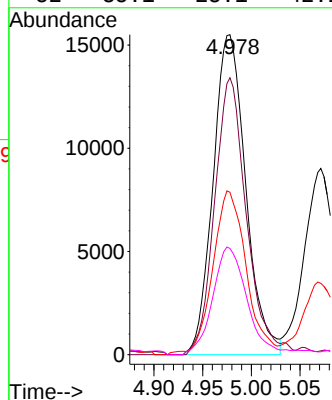
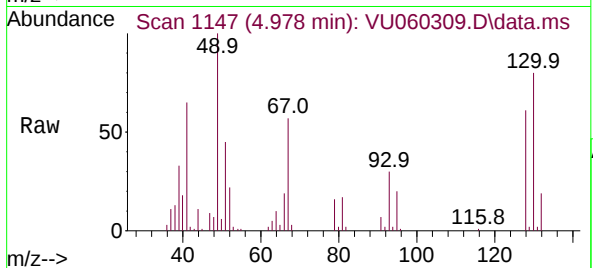


#39
Methacrylonitrile
Concen: 9.168 ug/l
RT: 4.978 min Scan# 1147
Delta R.T. 0.000 min
Lab File: VU060309.D
Acq: 05 Aug 2024 12:54

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 41 Resp: 36143

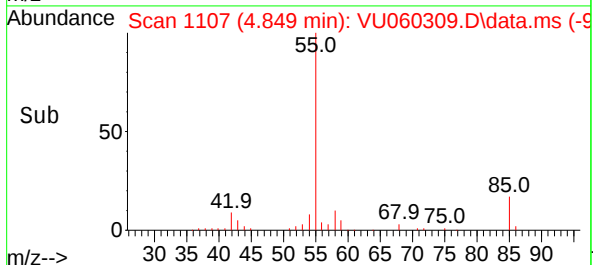
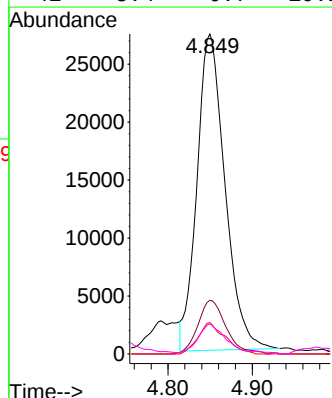
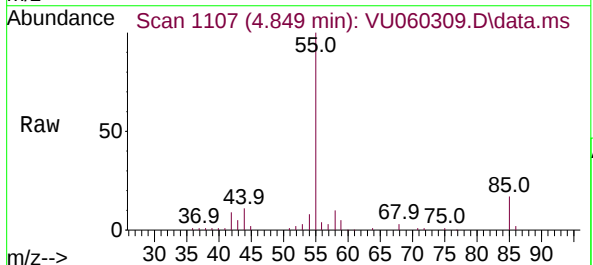
Ion	Ratio	Lower	Upper
41	100		
67	84.2	67.4	101.0
39	52.1	41.7	62.5
52	35.1	28.1	42.1

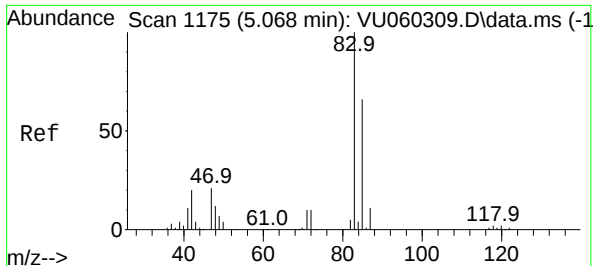


#40
Methyl acrylate
Concen: 9.152 ug/l
RT: 4.849 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VU060309.D
Acq: 05 Aug 2024 12:54

Tgt Ion: 55 Resp: 63175

Ion	Ratio	Lower	Upper
55	100		
85	17.0	13.6	20.4
58	9.5	7.6	11.4
42	8.4	6.7	10.1

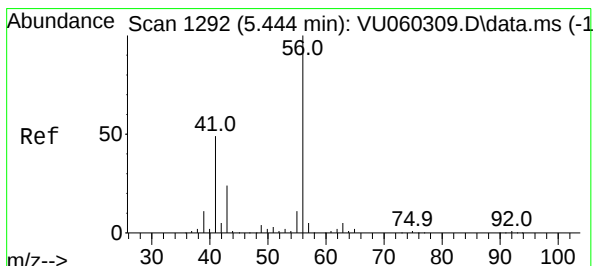
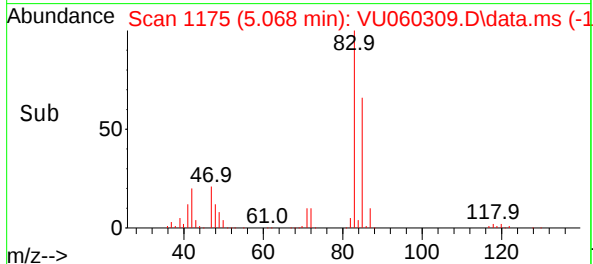
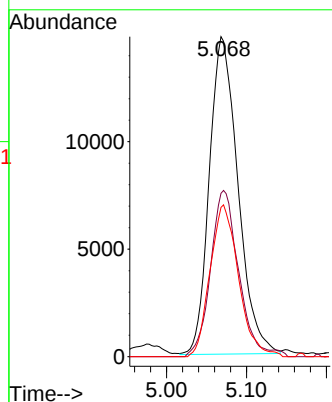
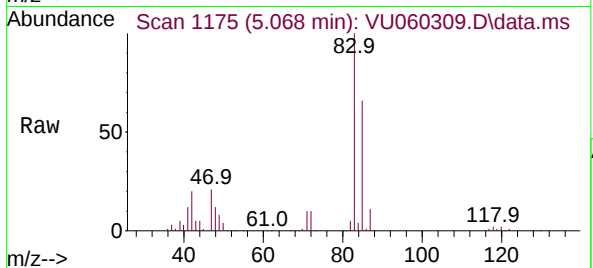




#41
Tetrahydrofuran
Concen: 17.117 ug/l
RT: 5.068 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VU060309.D
Acq: 05 Aug 2024 12:54

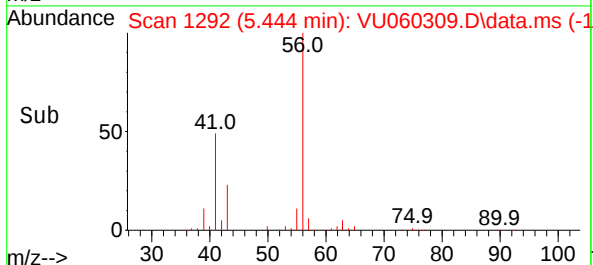
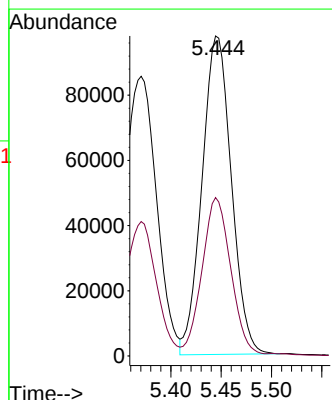
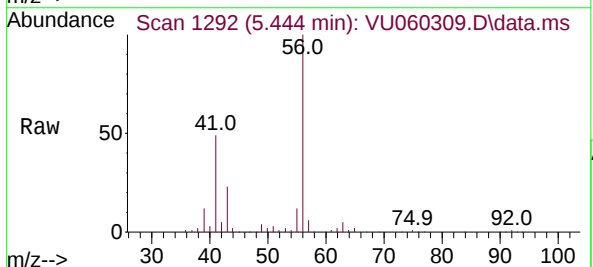
Instrument :
MSVOA_U
ClientSampleId :

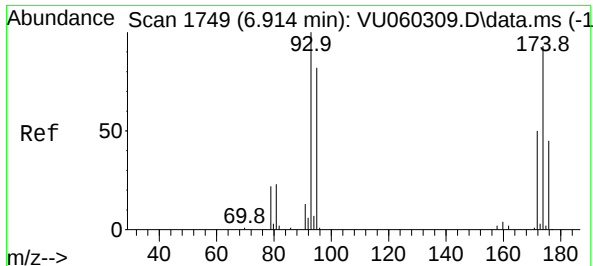
Tgt Ion: 42 Resp: 36743
Ion Ratio Lower Upper
42 100
72 50.7 40.6 60.8
71 47.5 38.0 57.0



#42
1-Chlorobutane
Concen: 10.313 ug/l
RT: 5.444 min Scan# 1292
Delta R.T. 0.000 min
Lab File: VU060309.D
Acq: 05 Aug 2024 12:54

Tgt Ion: 56 Resp: 198325
Ion Ratio Lower Upper
56 100
41 47.7 23.8 71.5





#43

Dibromomethane

Concen: 10.119 ug/l

RT: 6.914 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VU060309.D

Acq: 05 Aug 2024 12:54

Instrument :

MSVOA_U

ClientSampleId :

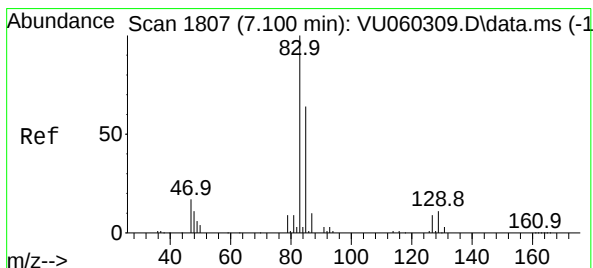
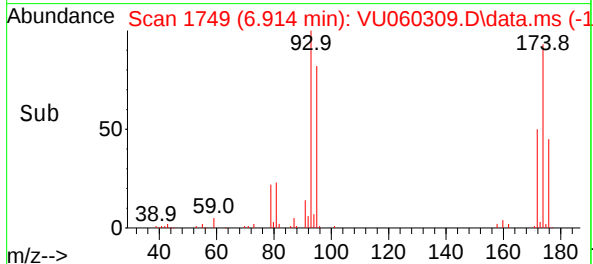
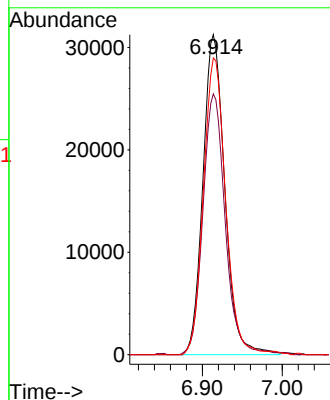
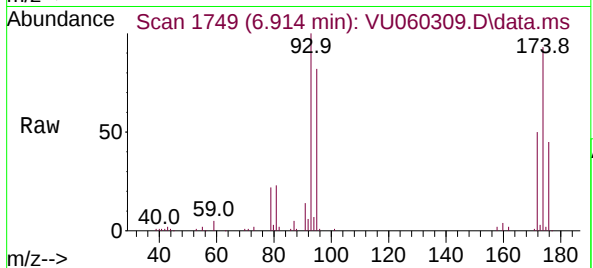
Tgt Ion: 93 Resp: 59511

Ion Ratio Lower Upper

93 100

95 83.0 66.4 99.6

174 94.0 75.2 112.8



#44

Bromodichloromethane

Concen: 10.267 ug/l

RT: 7.100 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VU060309.D

Acq: 05 Aug 2024 12:54

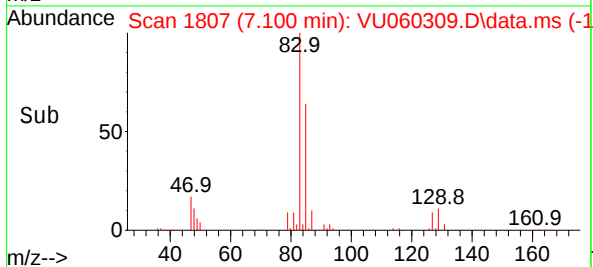
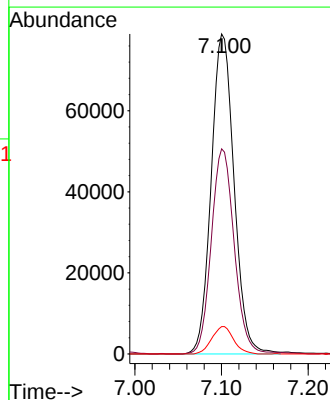
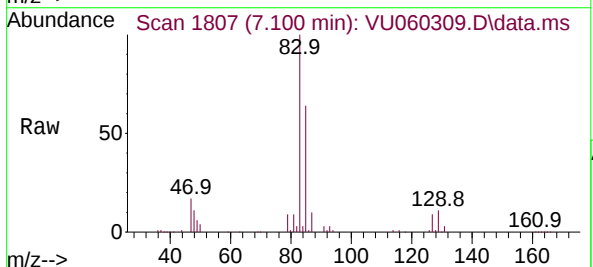
Tgt Ion: 83 Resp: 144978

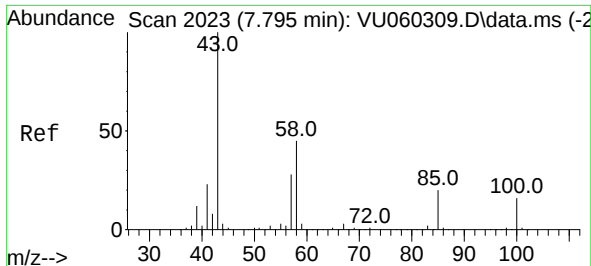
Ion Ratio Lower Upper

83 100

85 64.1 51.3 76.9

127 8.5 6.8 10.2





#45

4-Methyl-2-Pentanone

Concen: 52.785 ug/l

RT: 7.795 min Scan# 2023

Delta R.T. 0.000 min

Lab File: VU060309.D

Acq: 05 Aug 2024 12:54

Instrument :

MSVOA_U

ClientSampleId :

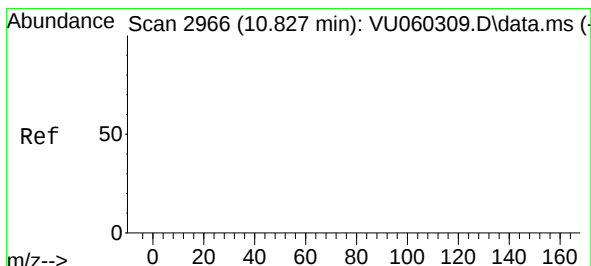
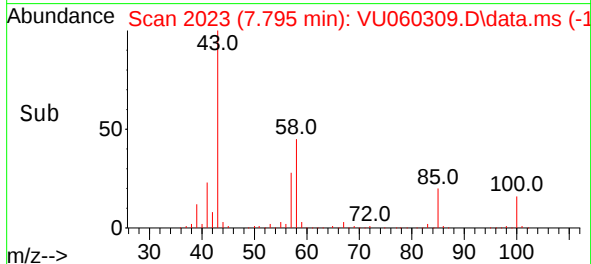
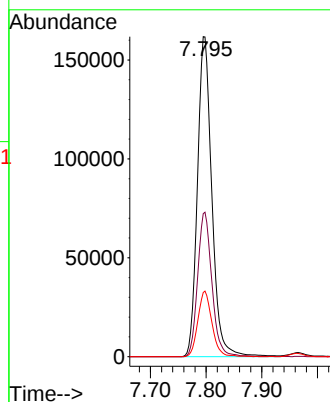
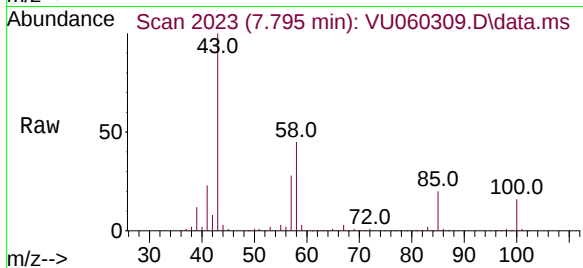
Tgt Ion: 43 Resp: 291501

Ion Ratio Lower Upper

43 100

58 44.6 22.3 66.9

85 20.0 16.0 24.0



#46

t-1,4-Dichloro-2-butene

Concen: 46.184 ug/l

RT: 10.823 min Scan# 2965

Delta R.T. -0.003 min

Lab File: VU060309.D

Acq: 05 Aug 2024 12:54

Tgt Ion: 75 Resp: 139609

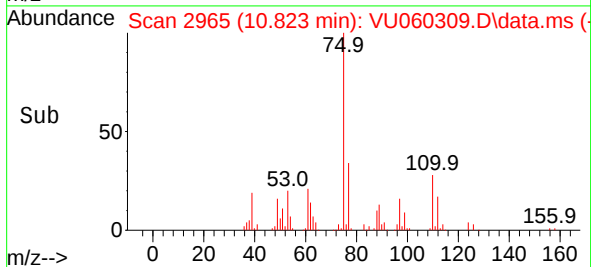
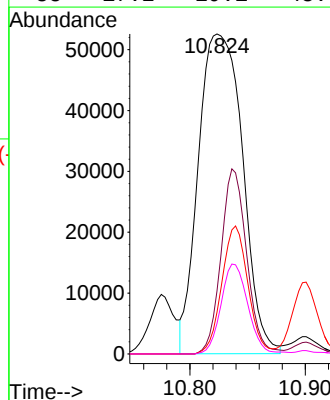
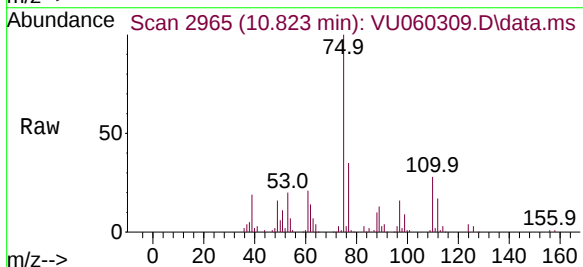
Ion Ratio Lower Upper

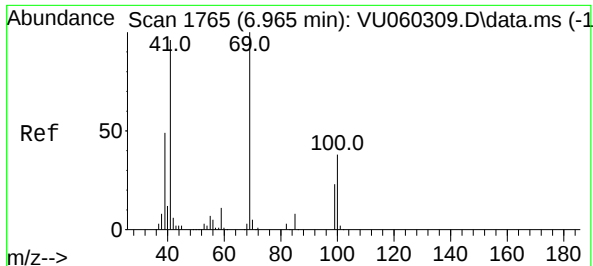
75 100

53 33.7 57.2 85.8#

89 23.8 40.4 60.6#

88 17.2 29.1 43.7#





#47

Methyl methacrylate

Concen: 22.389 ug/l

RT: 6.965 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU060309.D

Acq: 05 Aug 2024 12:54

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 69 Resp: 106847

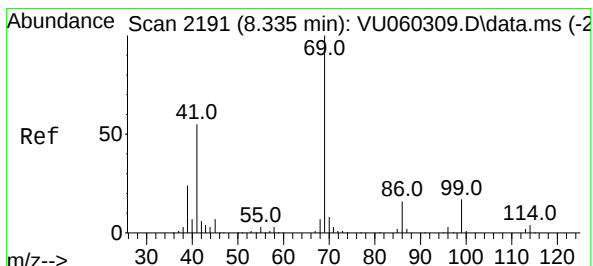
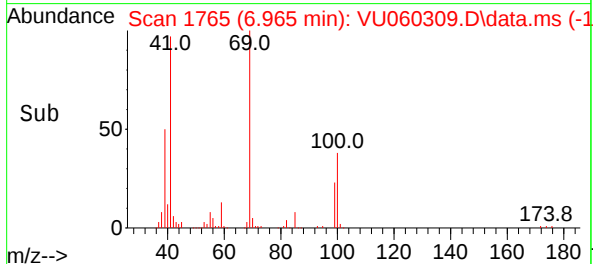
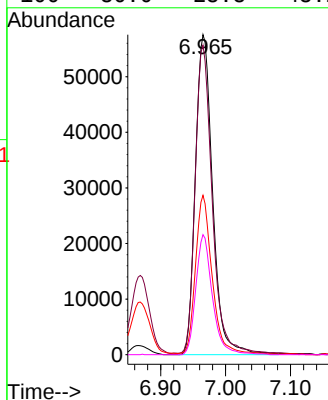
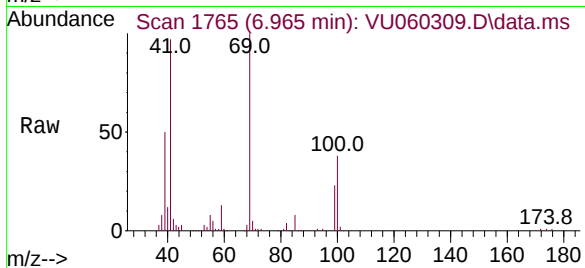
Ion Ratio Lower Upper

69 100

41 97.0 0.0 194.0

39 47.5 38.0 57.0

100 36.0 28.8 43.2



#48

Ethyl methacrylate

Concen: 11.484 ug/l

RT: 8.335 min Scan# 2191

Delta R.T. 0.000 min

Lab File: VU060309.D

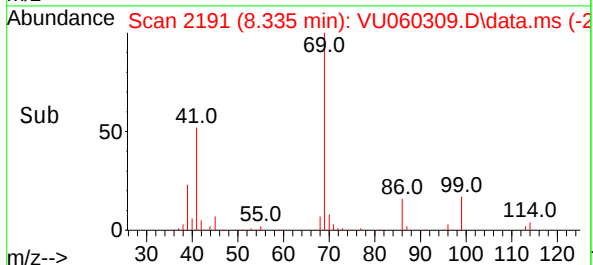
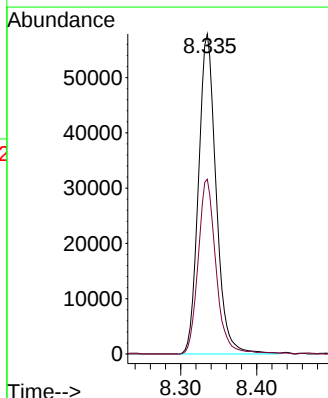
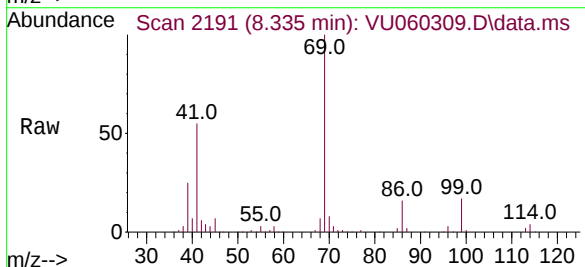
Acq: 05 Aug 2024 12:54

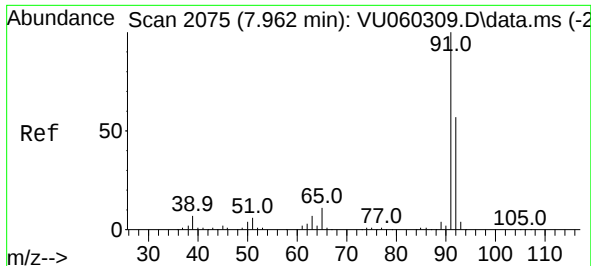
Tgt Ion: 69 Resp: 93056

Ion Ratio Lower Upper

69 100

41 55.0 27.5 82.5





#49

Toluene

Concen: 11.632 ug/l

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU060309.D

Acq: 05 Aug 2024 12:54

Instrument :

MSVOA_U

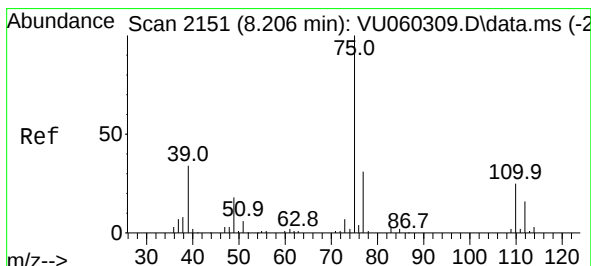
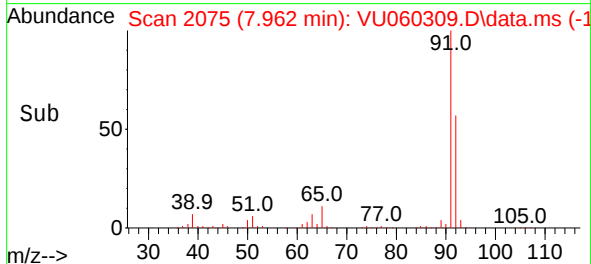
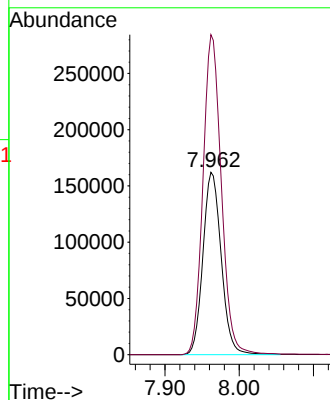
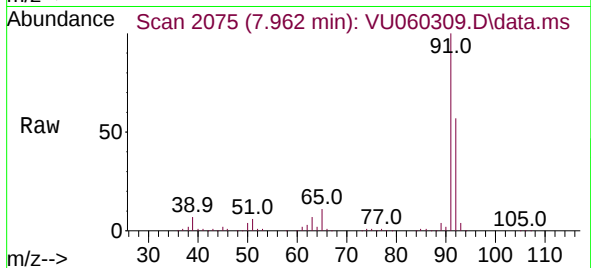
ClientSampleId :

Tgt Ion: 92 Resp: 277193

Ion Ratio Lower Upper

92 100

91 176.2 141.0 211.4



#50

t-1,3-Dichloropropene

Concen: 11.010 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU060309.D

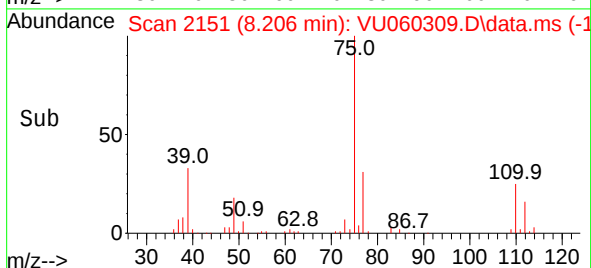
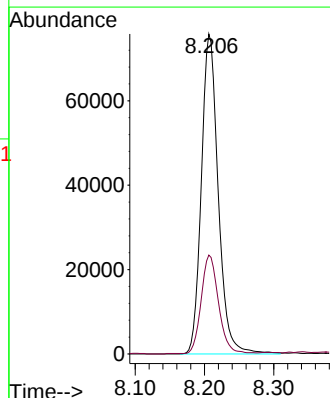
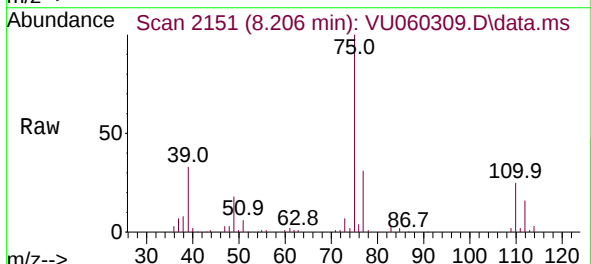
Acq: 05 Aug 2024 12:54

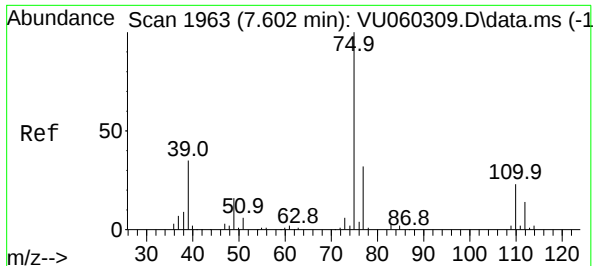
Tgt Ion: 75 Resp: 128358

Ion Ratio Lower Upper

75 100

77 30.8 24.6 37.0

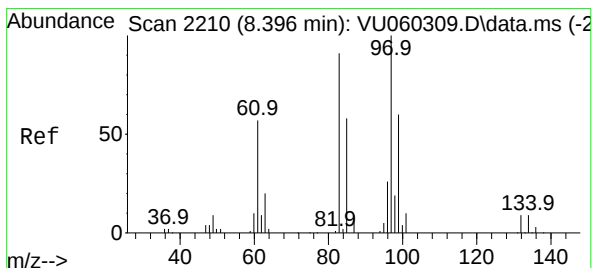
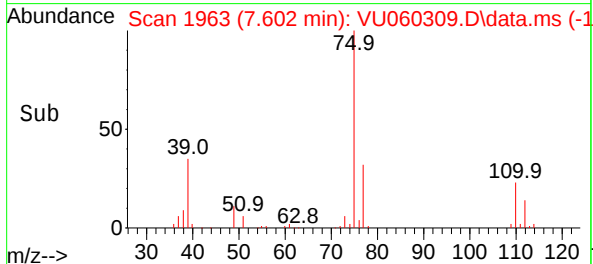
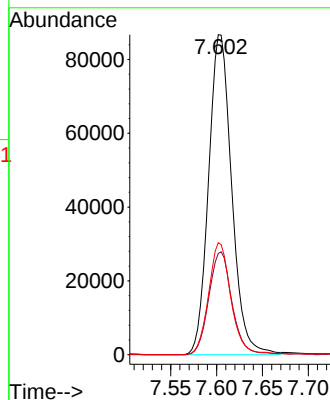
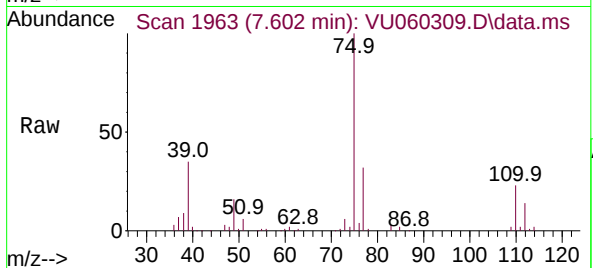




#51
 cis-1,3-Dichloropropene
 Concen: 10.839 ug/l
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU060309.D
 Acq: 05 Aug 2024 12:54

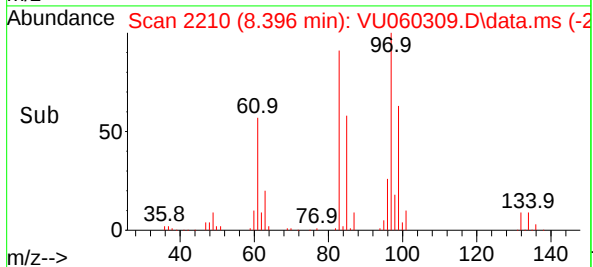
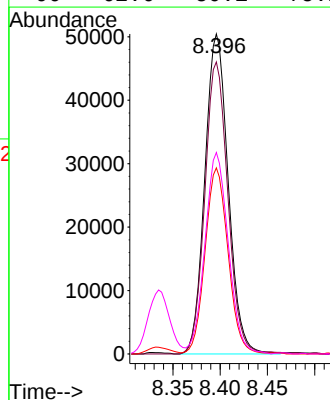
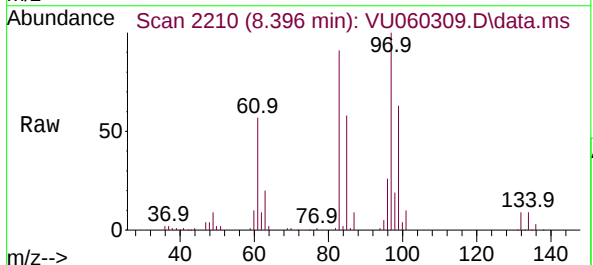
Instrument :
 MSVOA_U
 ClientSampleId :

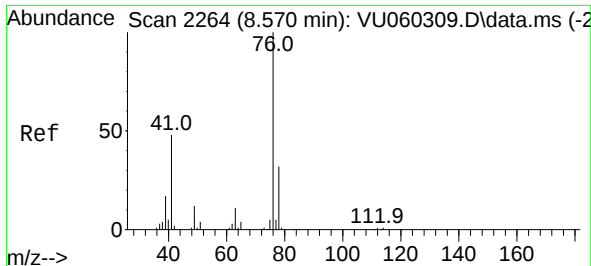
Tgt Ion: 75 Resp: 152010
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0
 39 35.0 28.0 42.0



#52
 1,1,2-Trichloroethane
 Concen: 10.047 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.000 min
 Lab File: VU060309.D
 Acq: 05 Aug 2024 12:54

Tgt Ion: 97 Resp: 86742
 Ion Ratio Lower Upper
 97 100
 83 91.2 73.0 109.4
 85 57.8 46.2 69.4
 99 62.6 50.1 75.1

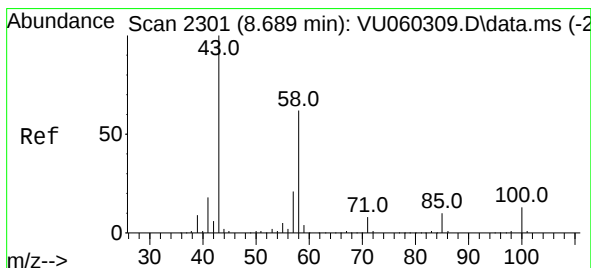
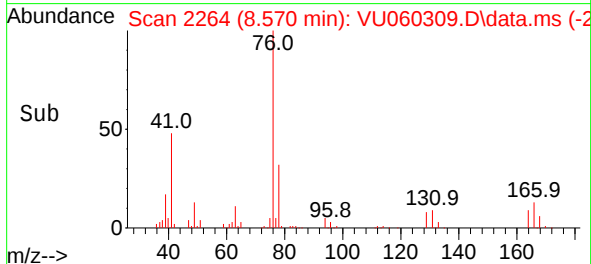
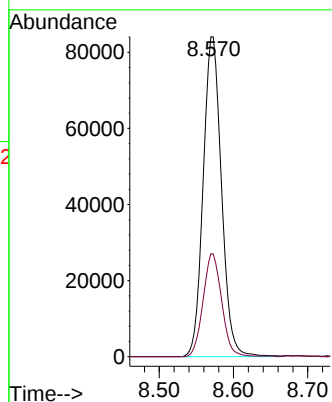
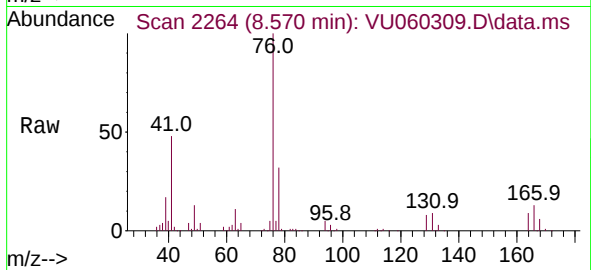




#53
1,3-Dichloropropane
Concen: 10.442 ug/l
RT: 8.570 min Scan# 2264
Delta R.T. 0.000 min
Lab File: VU060309.D
Acq: 05 Aug 2024 12:54

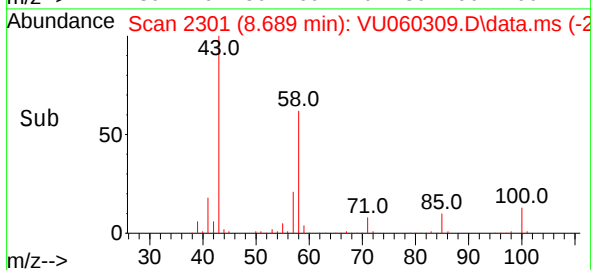
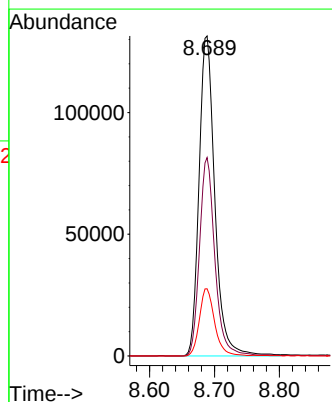
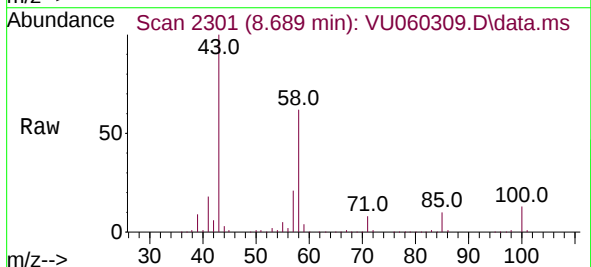
Instrument :
MSVOA_U
ClientSampleId :

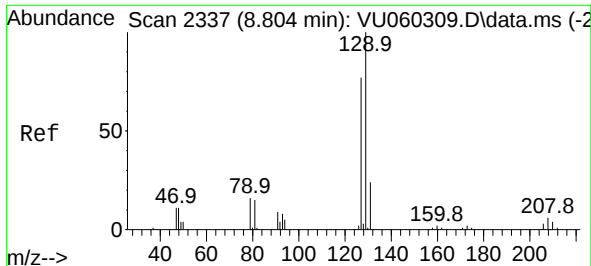
Tgt Ion: 76 Resp: 143841
Ion Ratio Lower Upper
76 100
78 32.7 26.2 39.2



#54
2-Hexanone
Concen: 52.148 ug/l
RT: 8.689 min Scan# 2301
Delta R.T. 0.000 min
Lab File: VU060309.D
Acq: 05 Aug 2024 12:54

Tgt Ion: 43 Resp: 223200
Ion Ratio Lower Upper
43 100
58 60.1 40.1 80.1
57 20.3 0.3 40.3





#55

Dibromochloromethane

Concen: 10.399 ug/l

RT: 8.804 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VU060309.D

Acq: 05 Aug 2024 12:54

Instrument :

MSVOA_U

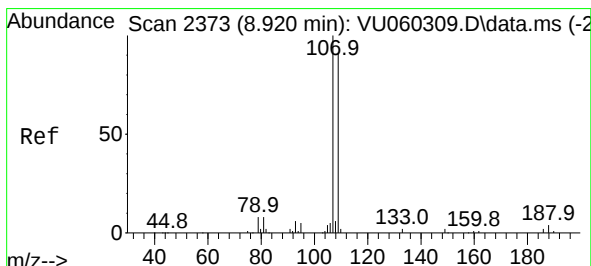
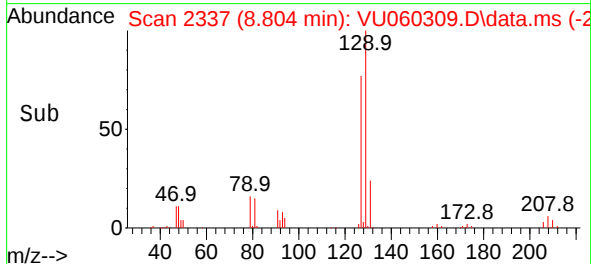
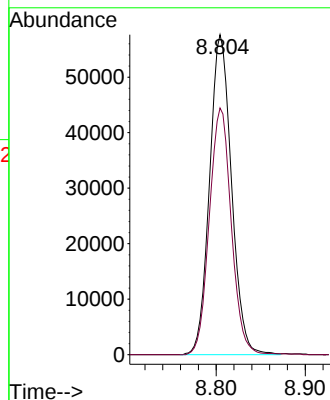
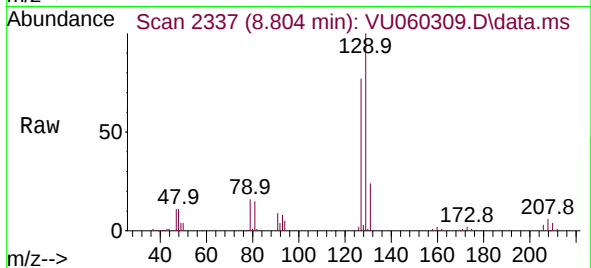
ClientSampleId :

Tgt Ion:129 Resp: 98473

Ion Ratio Lower Upper

129 100

127 77.0 61.6 92.4



#56

1,2-Dibromoethane

Concen: 10.337 ug/l

RT: 8.920 min Scan# 2373

Delta R.T. 0.000 min

Lab File: VU060309.D

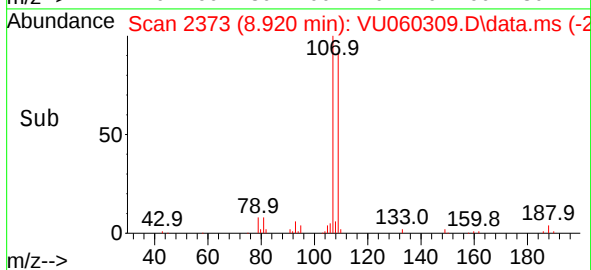
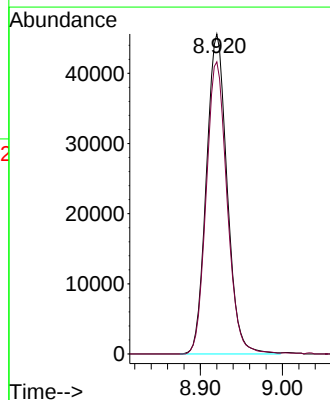
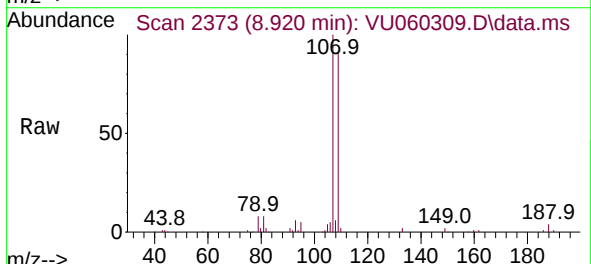
Acq: 05 Aug 2024 12:54

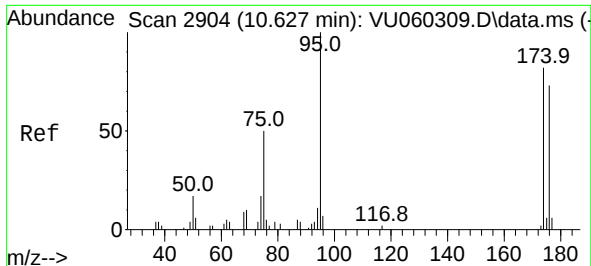
Tgt Ion:107 Resp: 80029

Ion Ratio Lower Upper

107 100

109 92.0 0.0 184.0





#57

4-Bromofluorobenzene

Concen: 1.119 ug/l

RT: 10.627 min Scan# 2904

Delta R.T. 0.000 min

Lab File: VU060309.D

Acq: 05 Aug 2024 12:54

Instrument :

MSVOA_U

ClientSampleId :

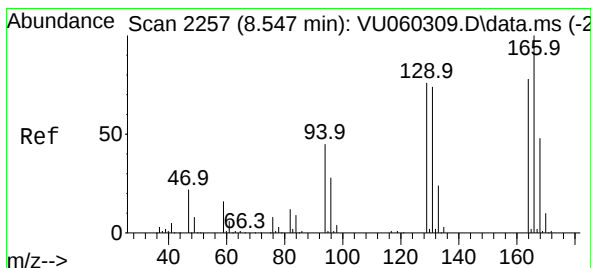
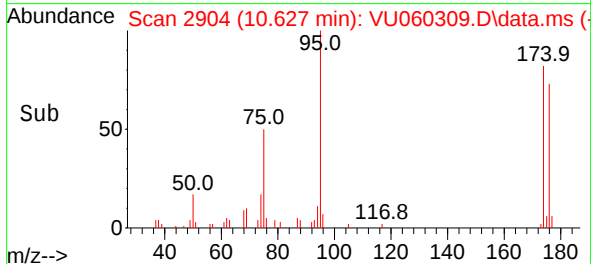
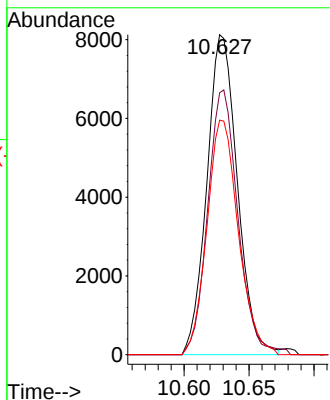
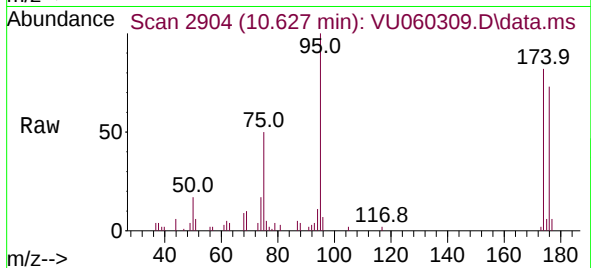
Tgt Ion: 95 Resp: 13258

Ion Ratio Lower Upper

95 100

174 82.0 65.6 98.4

176 75.5 60.4 90.6



#58

Tetrachloroethene

Concen: 10.608 ug/l

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU060309.D

Acq: 05 Aug 2024 12:54

Tgt Ion: 164 Resp: 100867

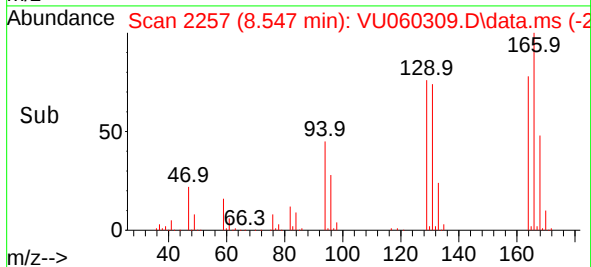
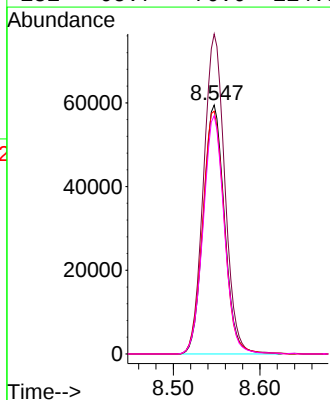
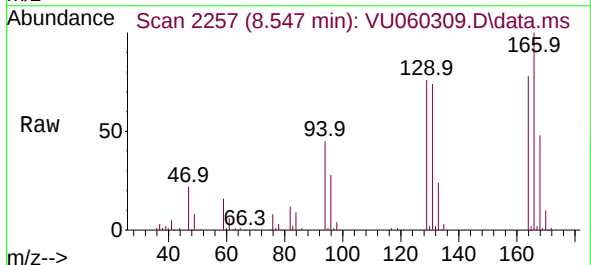
Ion Ratio Lower Upper

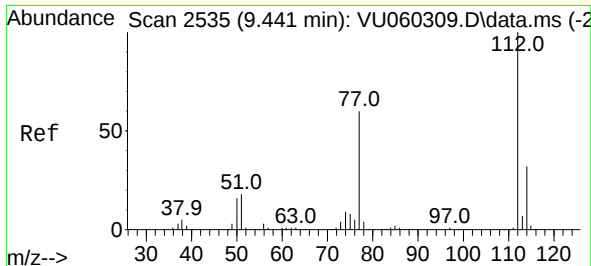
164 100

166 128.6 102.9 154.3

129 97.5 78.0 117.0

131 95.7 76.6 114.8





#59

Chlorobenzene

Concen: 11.103 ug/l

RT: 9.441 min Scan# 2535

Delta R.T. 0.000 min

Lab File: VU060309.D

Acq: 05 Aug 2024 12:54

Instrument :

MSVOA_U

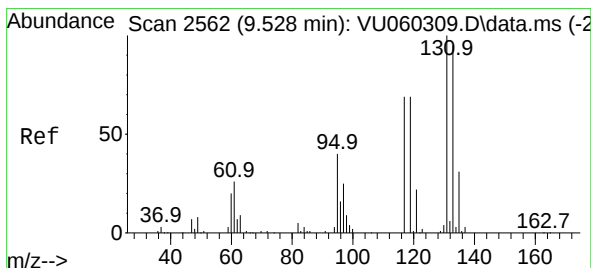
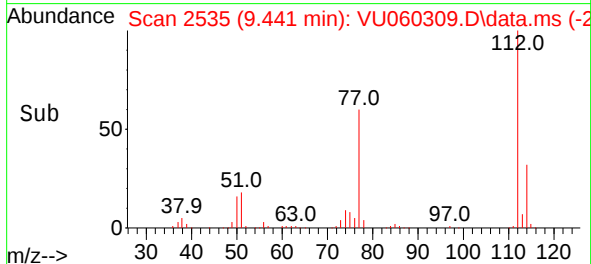
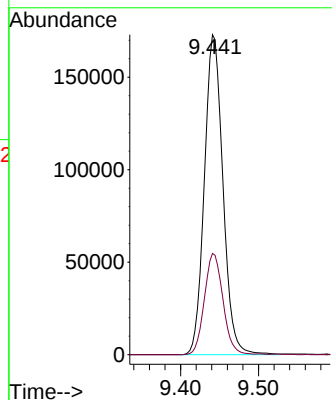
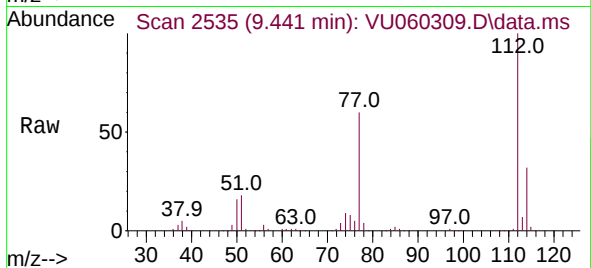
ClientSampleId :

Tgt Ion:112 Resp: 286483

Ion Ratio Lower Upper

112 100

114 31.6 25.3 37.9



#60

1,1,1,2-Tetrachloroethane

Concen: 10.374 ug/l

RT: 9.528 min Scan# 2562

Delta R.T. 0.000 min

Lab File: VU060309.D

Acq: 05 Aug 2024 12:54

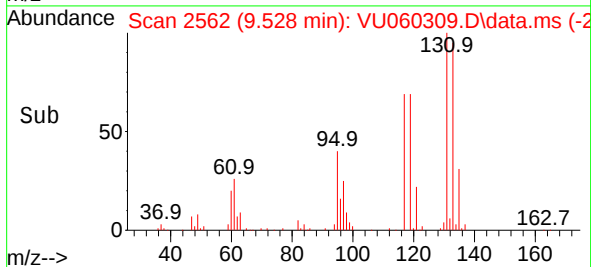
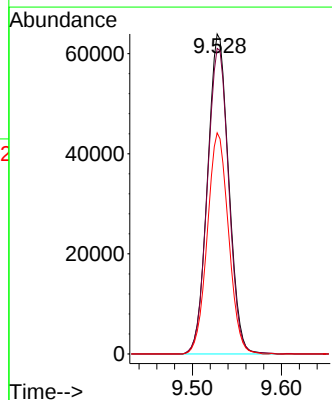
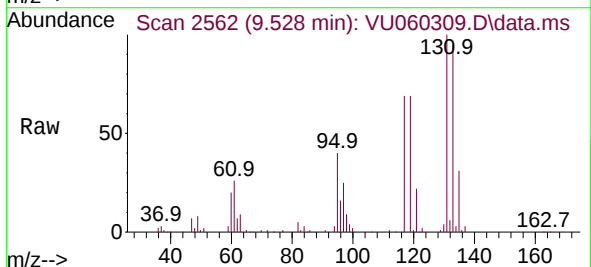
Tgt Ion:131 Resp: 105456

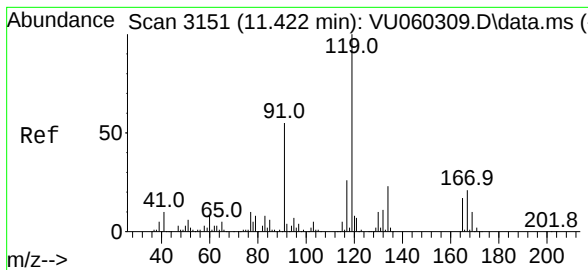
Ion Ratio Lower Upper

131 100

133 96.5 77.2 115.8

119 69.3 55.4 83.2

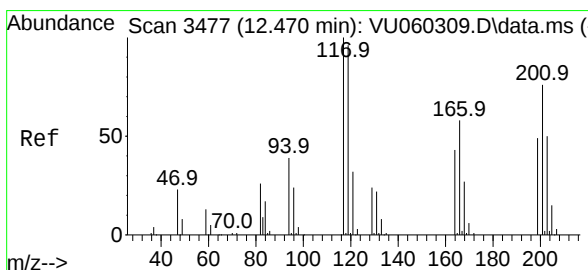
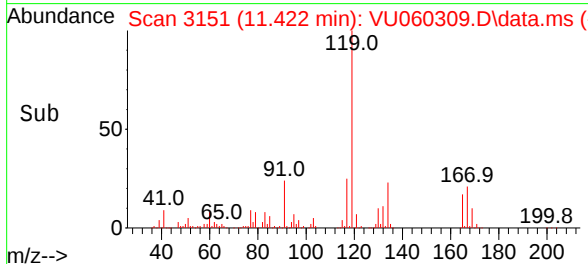
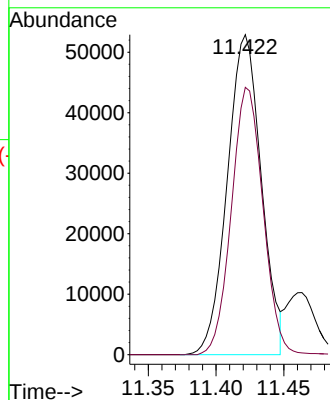
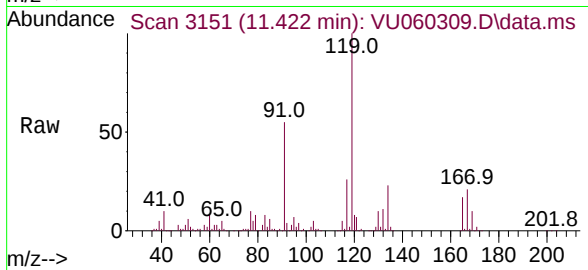




#61
Pentachloroethane
Concen: 10.609 ug/l
RT: 11.422 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU060309.D
Acq: 05 Aug 2024 12:54

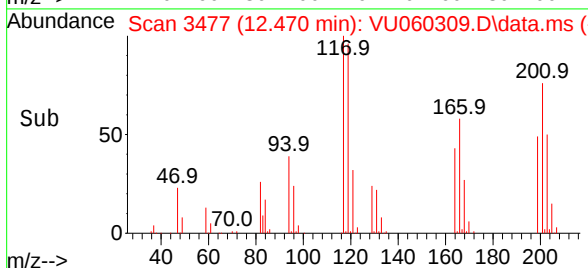
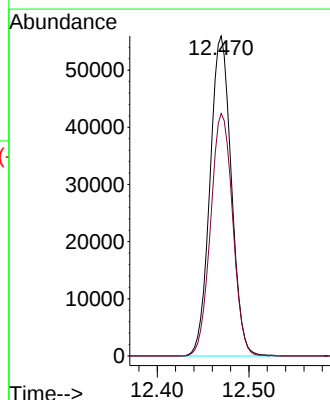
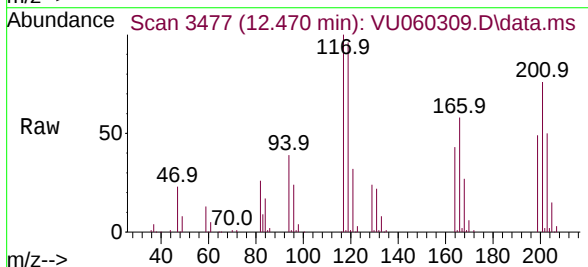
Instrument :
MSVOA_U
ClientSampleId :

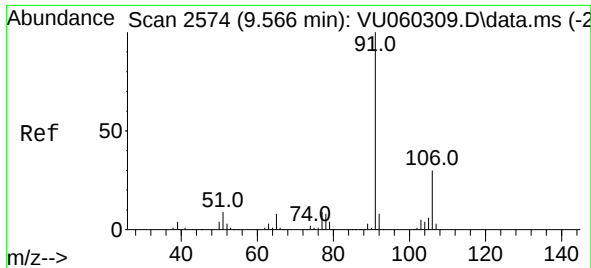
Tgt Ion:117 Resp: 92113
Ion Ratio Lower Upper
117 100
167 77.8 62.2 93.4



#62
Hexachloroethane
Concen: 10.772 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. 0.000 min
Lab File: VU060309.D
Acq: 05 Aug 2024 12:54

Tgt Ion:117 Resp: 90408
Ion Ratio Lower Upper
117 100
201 78.4 62.7 94.1

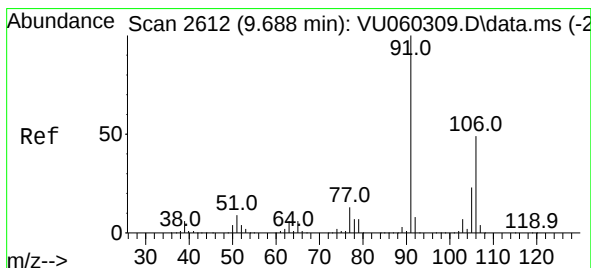
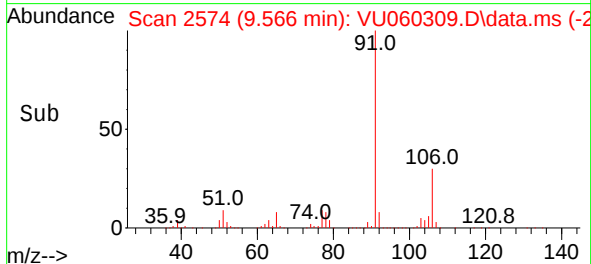
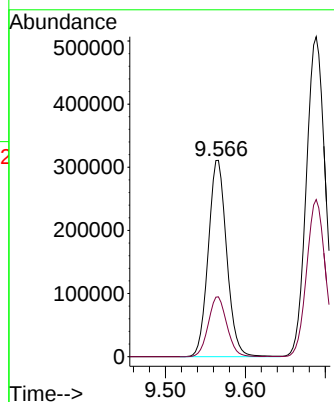
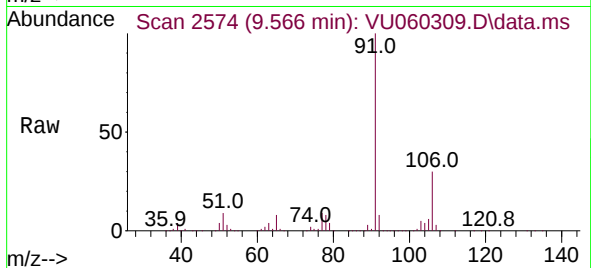




#63
Ethyl Benzene
Concen: 10.225 ug/l
RT: 9.566 min Scan# 2574
Delta R.T. 0.000 min
Lab File: VU060309.D
Acq: 05 Aug 2024 12:54

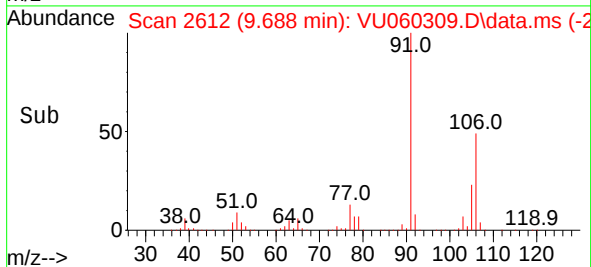
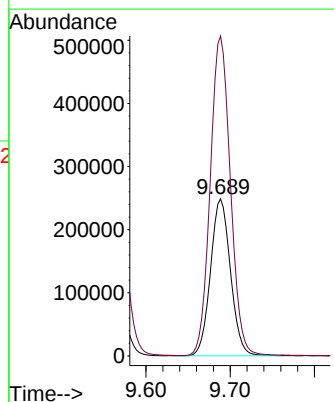
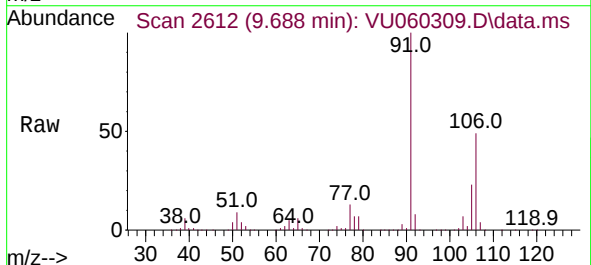
Instrument :
MSVOA_U
ClientSampleId :

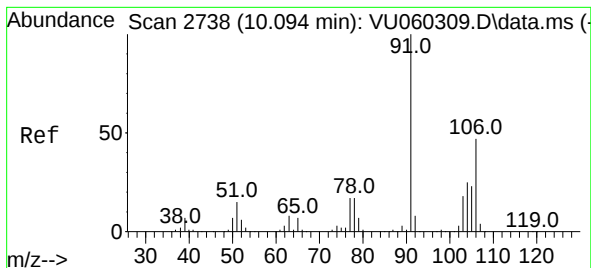
Tgt Ion: 91 Resp: 498635
Ion Ratio Lower Upper
91 100
106 30.5 24.4 36.6



#64
m/p-Xylenes
Concen: 20.468 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. 0.000 min
Lab File: VU060309.D
Acq: 05 Aug 2024 12:54

Tgt Ion: 106 Resp: 408989
Ion Ratio Lower Upper
106 100
91 206.2 165.0 247.4





#65

o-Xylene

Concen: 10.085 ug/l

RT: 10.094 min Scan# 2738

Delta R.T. 0.000 min

Lab File: VU060309.D

Acq: 05 Aug 2024 12:54

Instrument :

MSVOA_U

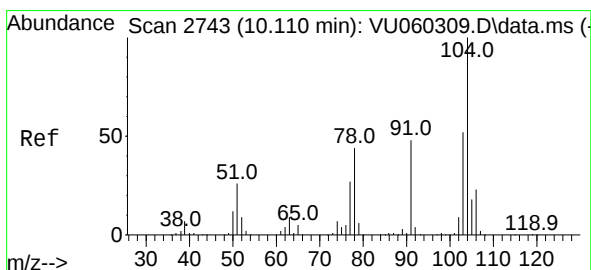
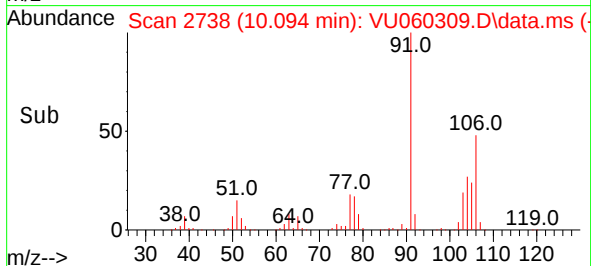
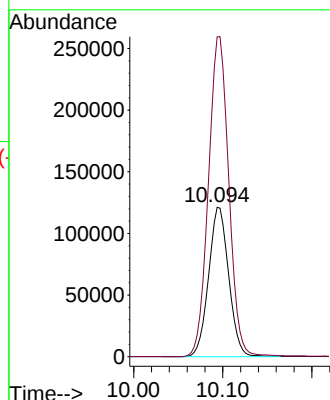
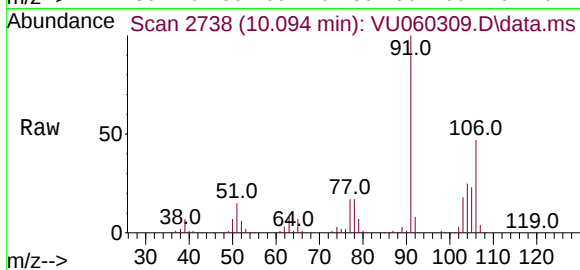
ClientSampleId :

Tgt Ion:106 Resp: 190076

Ion Ratio Lower Upper

106 100

91 217.6 108.8 326.4



#66

Styrene

Concen: 10.210 ug/l

RT: 10.110 min Scan# 2743

Delta R.T. 0.000 min

Lab File: VU060309.D

Acq: 05 Aug 2024 12:54

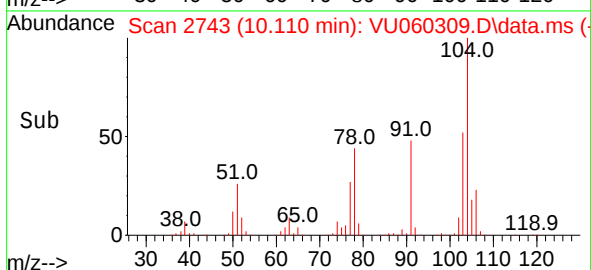
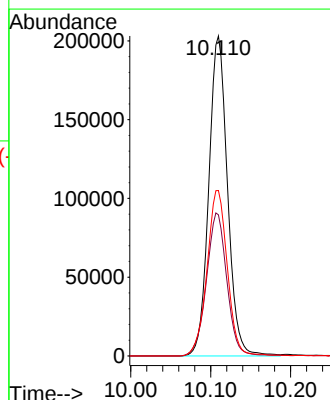
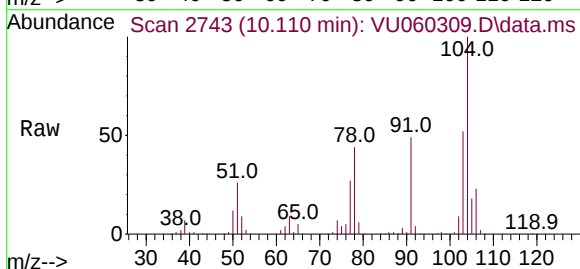
Tgt Ion:104 Resp: 330668

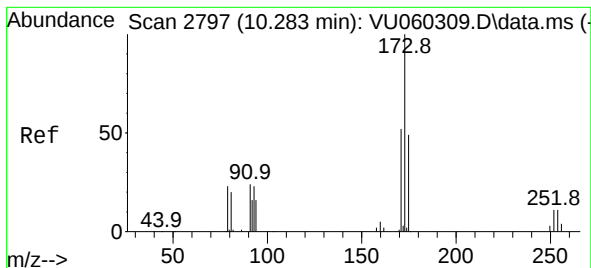
Ion Ratio Lower Upper

104 100

78 48.8 39.0 58.6

103 56.3 45.0 67.6





#67

Bromoform

Concen: 10.087 ug/l

RT: 10.283 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VU060309.D

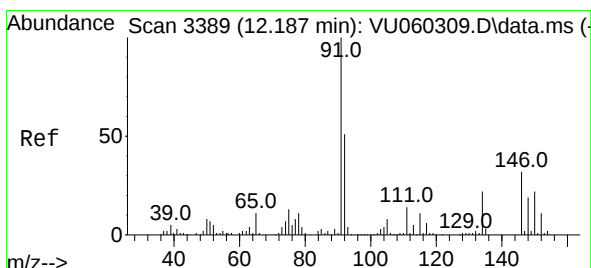
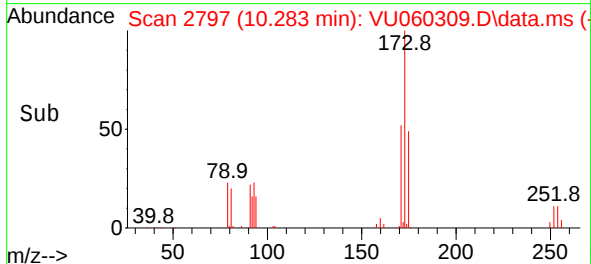
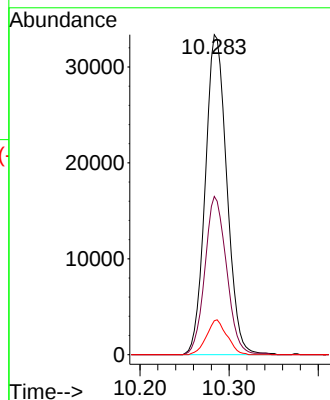
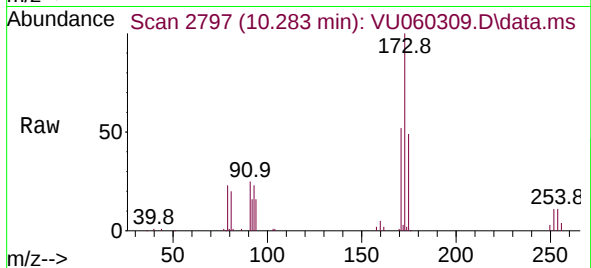
Acq: 05 Aug 2024 12:54

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:173	Resp:	55945
Ion Ratio	Lower	Upper
173	100	
175	49.6	39.7 59.5
254	10.3	8.2 12.4



#68

1,2-Dichlorobenzene-d4

Concen: 1.063 ug/l

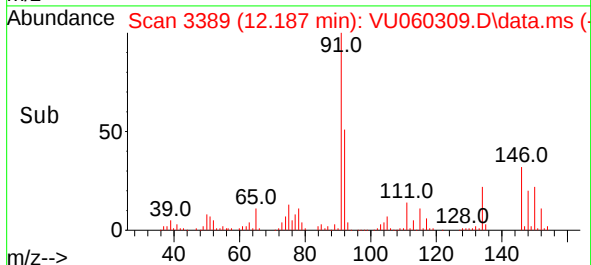
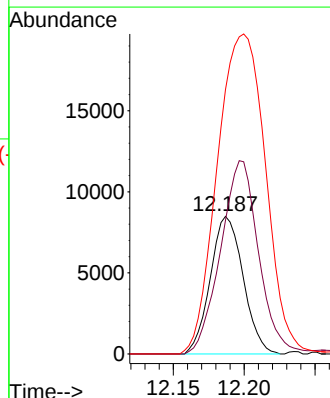
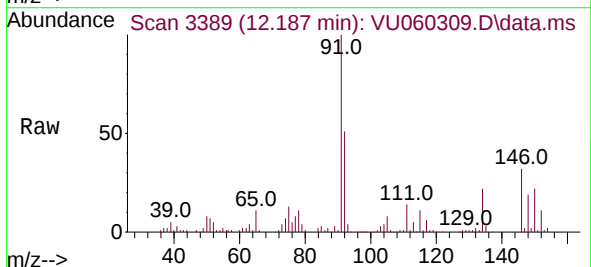
RT: 12.187 min Scan# 3389

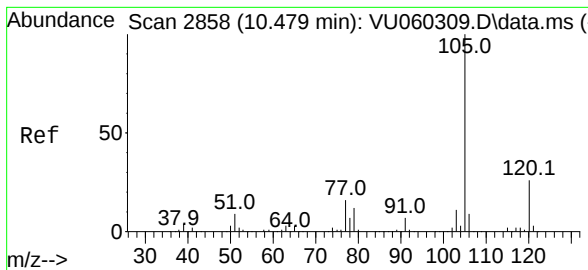
Delta R.T. 0.000 min

Lab File: VU060309.D

Acq: 05 Aug 2024 12:54

Tgt Ion:152	Resp:	13681
Ion Ratio	Lower	Upper
152	100	
115	162.6	0.0 325.2
150	342.1	0.0 684.2





#69

Isopropylbenzene

Concen: 10.097 ug/l

RT: 10.479 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU060309.D

Acq: 05 Aug 2024 12:54

Instrument :

MSVOA_U

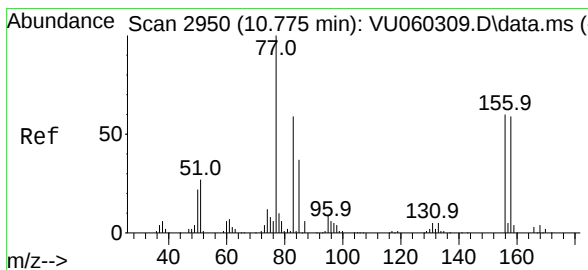
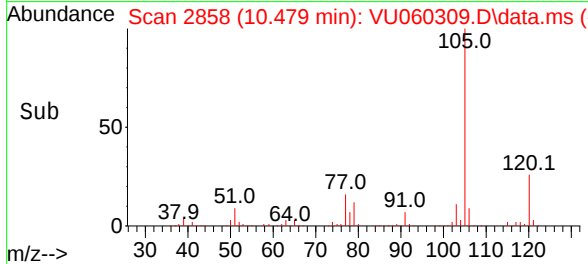
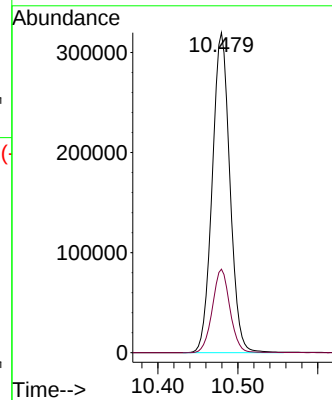
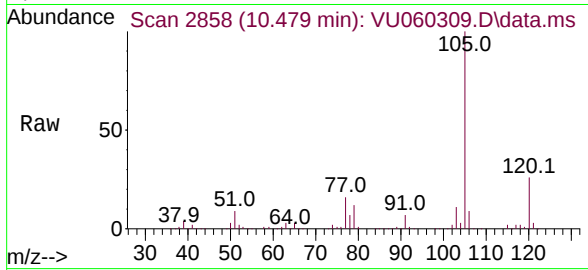
ClientSampleId :

Tgt Ion:105 Resp: 491347

Ion Ratio Lower Upper

105 100

120 26.0 13.0 39.0



#70

1,1,2,2-Tetrachloroethane

Concen: 10.068 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU060309.D

Acq: 05 Aug 2024 12:54

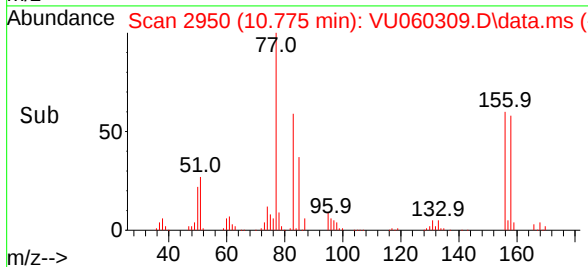
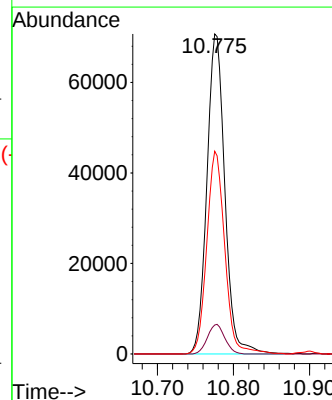
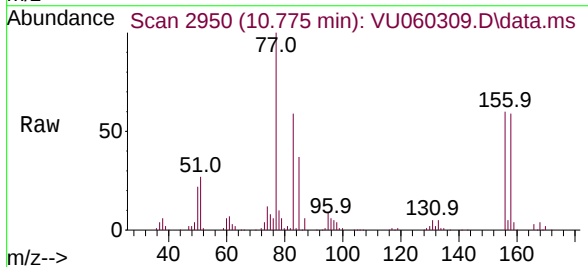
Tgt Ion: 83 Resp: 115667

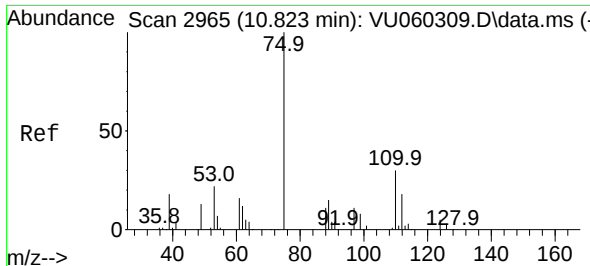
Ion Ratio Lower Upper

83 100

131 8.9 7.1 10.7

85 63.6 50.9 76.3

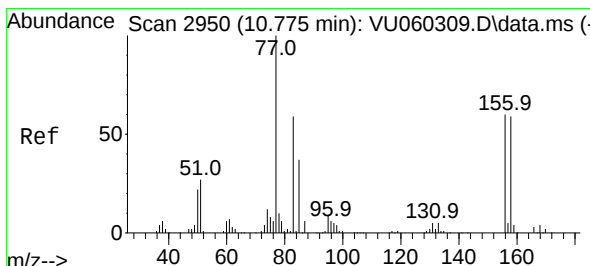
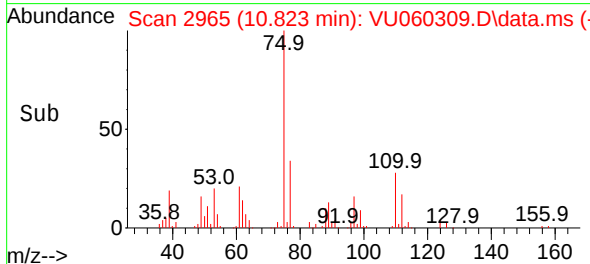
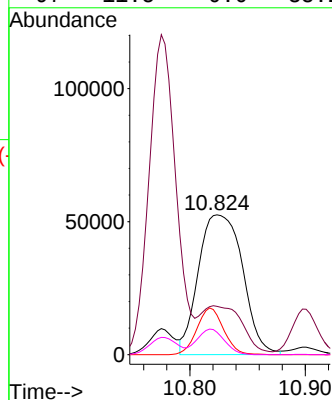
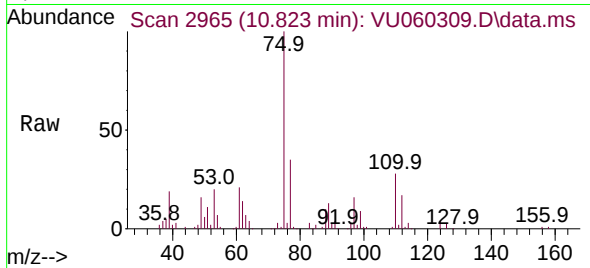




#71
1,2,3-Trichloropropane
Concen: 17.016 ug/l
RT: 10.823 min Scan# 2965
Delta R.T. 0.000 min
Lab File: VU060309.D
Acq: 05 Aug 2024 12:54

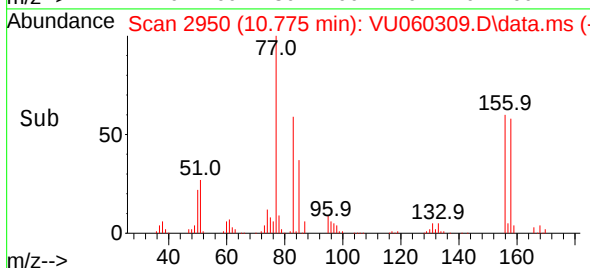
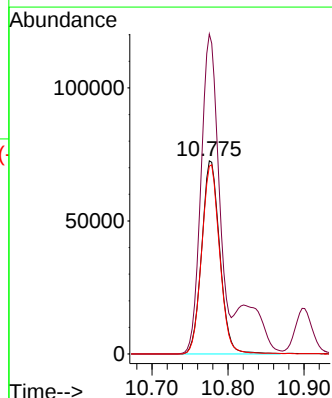
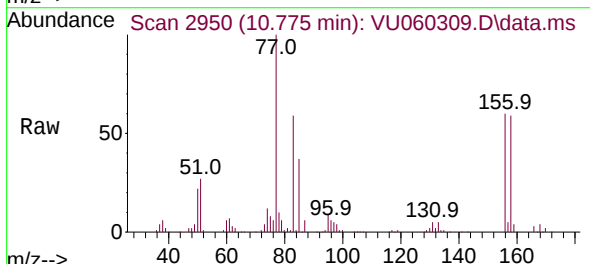
Instrument :
MSVOA_U
ClientSampleId :

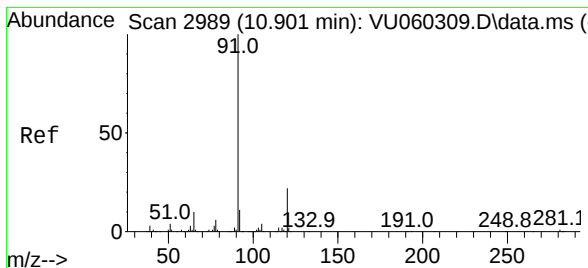
Tgt Ion: 75	Resp: 139609
Ion Ratio	Lower Upper
75 100	
77 30.7	0.0 102.2
110 20.3	0.0 67.4
97 11.5	0.0 38.2



#72
Bromobenzene
Concen: 11.334 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU060309.D
Acq: 05 Aug 2024 12:54

Tgt	Ion:156	Resp:	120085
Ion	Ratio	Lower	Upper
156	100		
77	163.6	0.0	327.2
158	96.9	0.0	193.8





#73

n-propylbenzene

Concen: 10.267 ug/l

RT: 10.901 min Scan# 2989

Delta R.T. 0.000 min

Lab File: VU060309.D

Acq: 05 Aug 2024 12:54

Instrument :

MSVOA_U

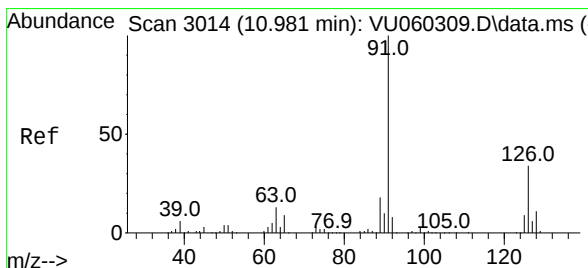
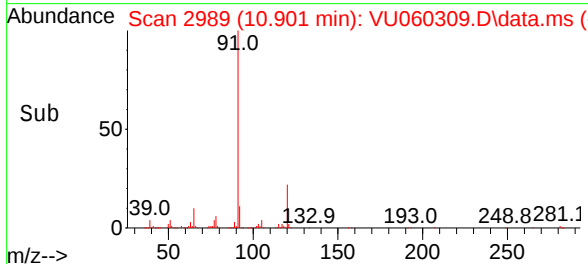
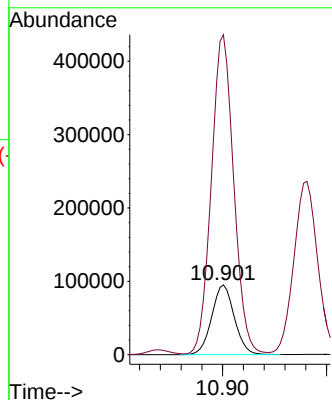
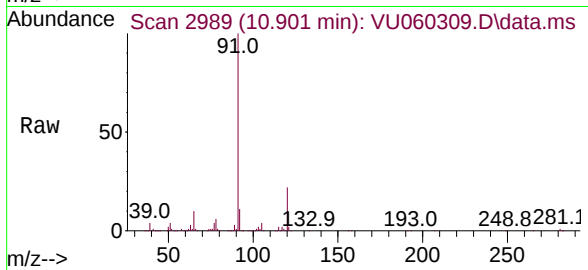
ClientSampleId :

Tgt Ion:120 Resp: 143582

Ion Ratio Lower Upper

120 100

91 452.7 362.2 543.2



#74

2-Chlorotoluene

Concen: 10.368 ug/l

RT: 10.981 min Scan# 3014

Delta R.T. 0.000 min

Lab File: VU060309.D

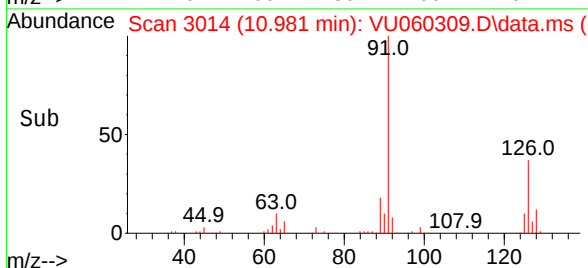
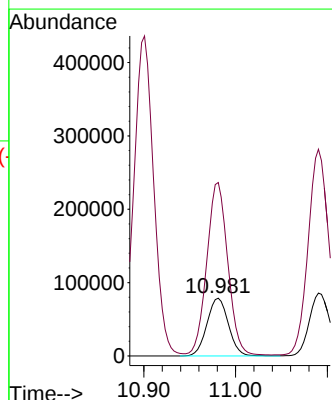
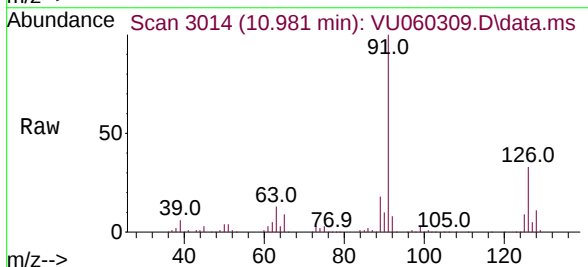
Acq: 05 Aug 2024 12:54

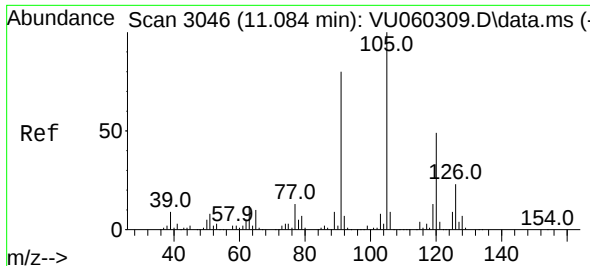
Tgt Ion:126 Resp: 128017

Ion Ratio Lower Upper

126 100

91 292.8 0.0 585.6

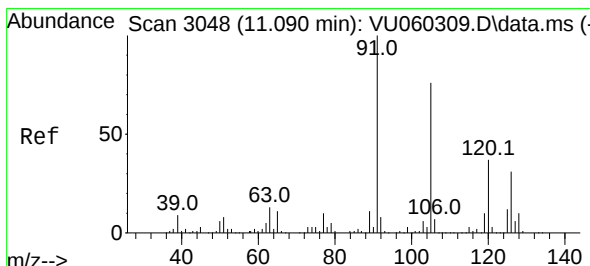
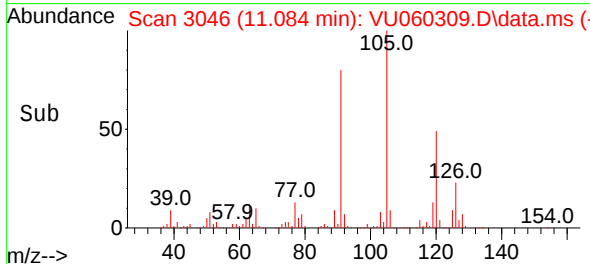
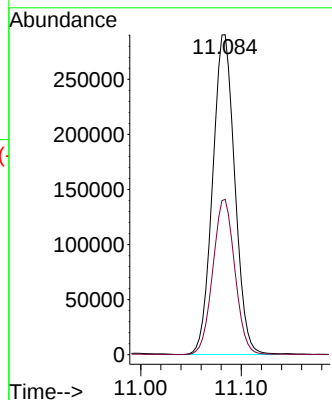
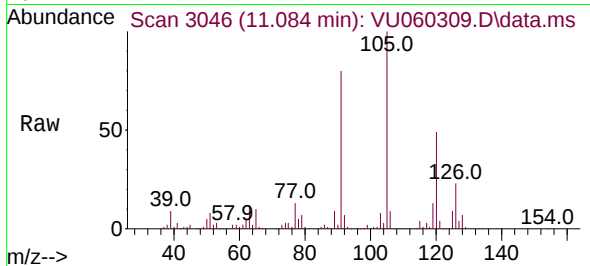




#75
1,3,5-Trimethylbenzene
Concen: 10.251 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU060309.D
Acq: 05 Aug 2024 12:54

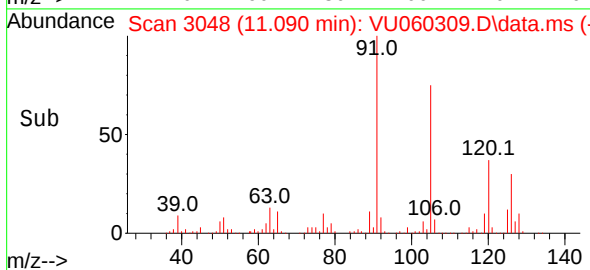
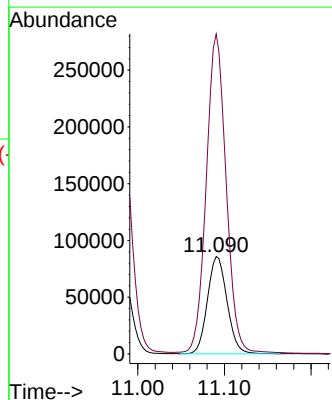
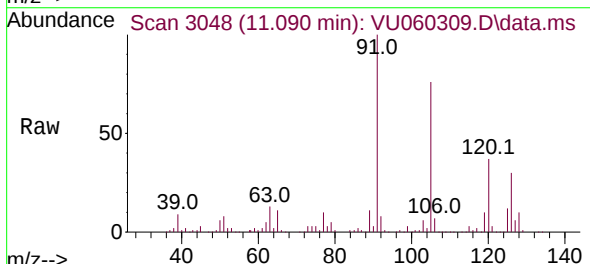
Instrument :
MSVOA_U
ClientSampleId :

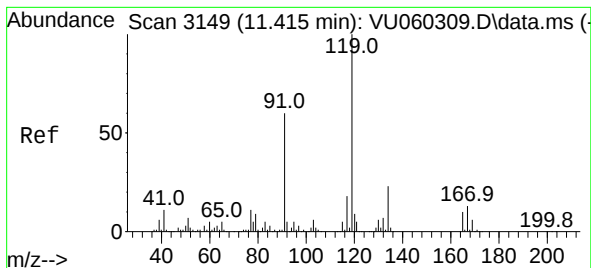
Tgt Ion:105 Resp: 445465
Ion Ratio Lower Upper
105 100
120 48.2 38.6 57.8



#76
4-Chlorotoluene
Concen: 10.387 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. 0.000 min
Lab File: VU060309.D
Acq: 05 Aug 2024 12:54

Tgt Ion:126 Resp: 134652
Ion Ratio Lower Upper
126 100
91 334.7 0.0 669.4





#77

tert-Butylbenzene

Concen: 10.067 ug/l

RT: 11.415 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VU060309.D

Acq: 05 Aug 2024 12:54

Instrument :

MSVOA_U

ClientSampleId :

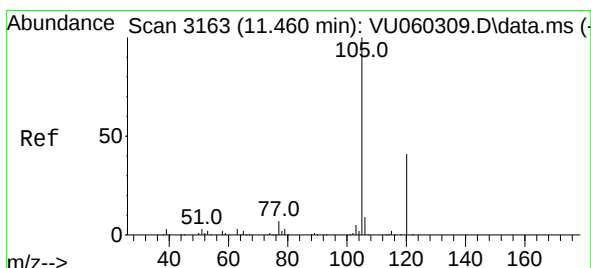
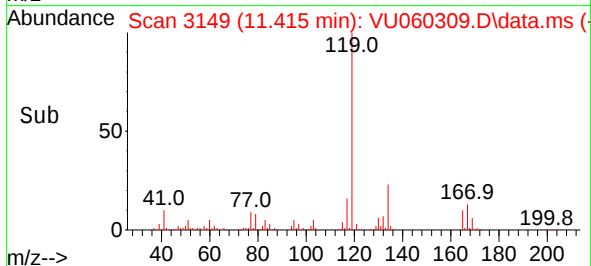
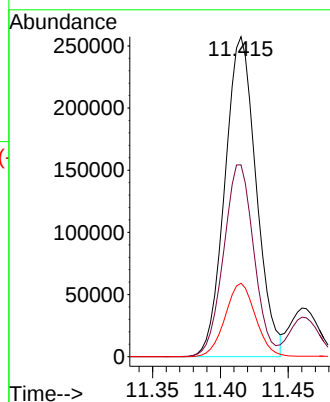
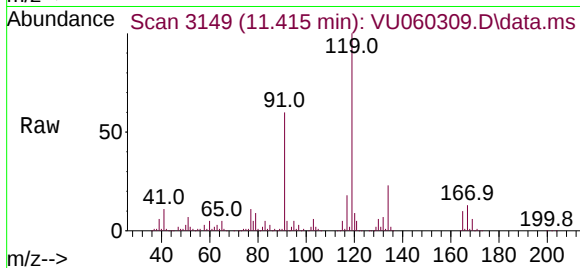
Tgt Ion:119 Resp: 412838

Ion Ratio Lower Upper

119 100

91 58.1 29.0 87.1

134 22.3 17.8 26.8



#78

1,2,4-Trimethylbenzene

Concen: 10.188 ug/l

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU060309.D

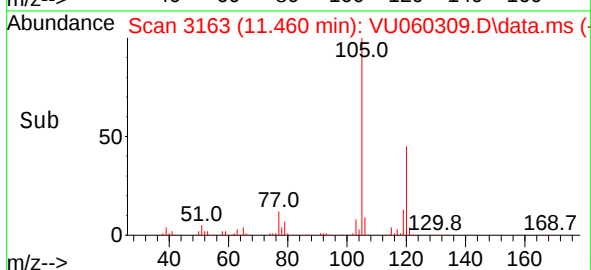
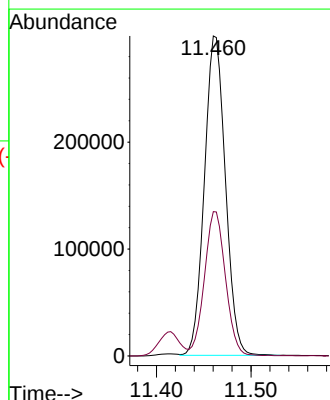
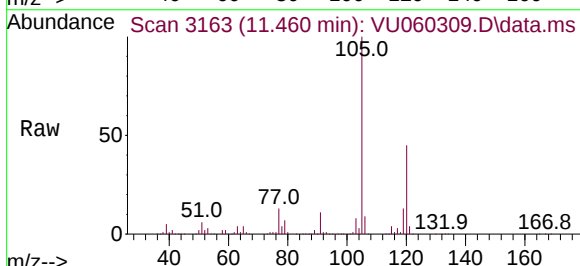
Acq: 05 Aug 2024 12:54

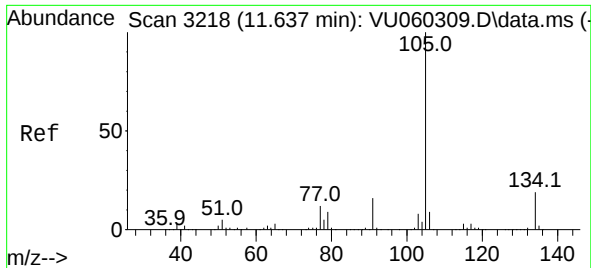
Tgt Ion:105 Resp: 461401

Ion Ratio Lower Upper

105 100

120 45.1 22.6 67.7

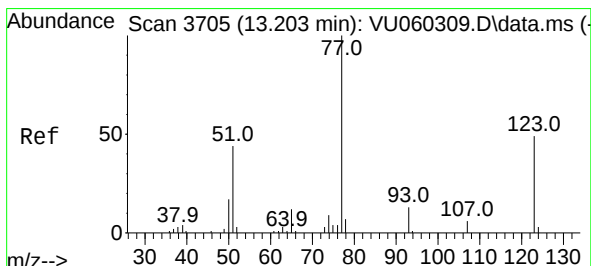
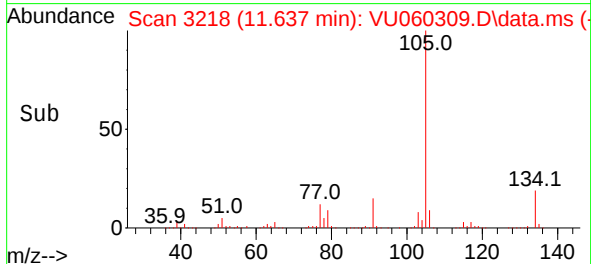
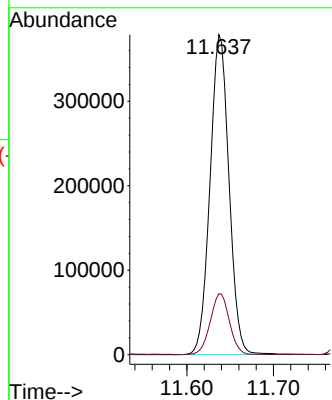
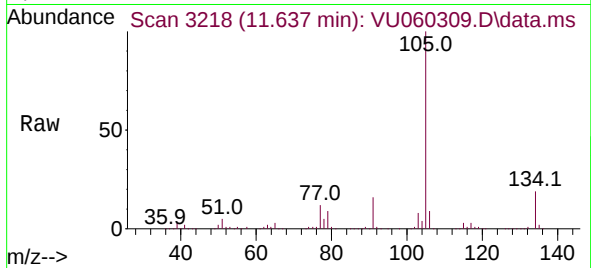




#79
 sec-Butylbenzene
 Concen: 10.218 ug/l
 RT: 11.637 min Scan# 3218
 Delta R.T. 0.000 min
 Lab File: VU060309.D
 Acq: 05 Aug 2024 12:54

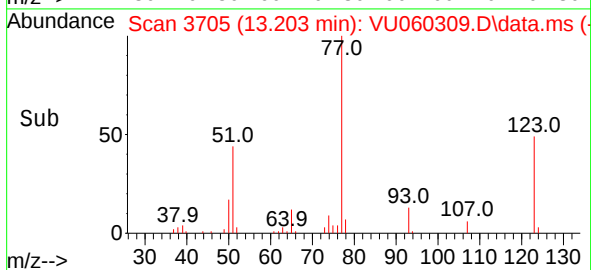
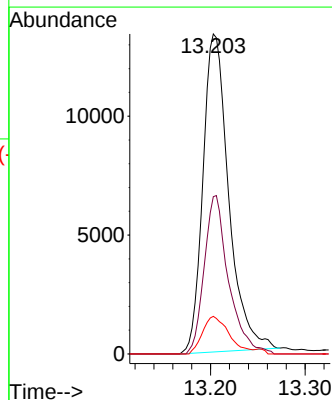
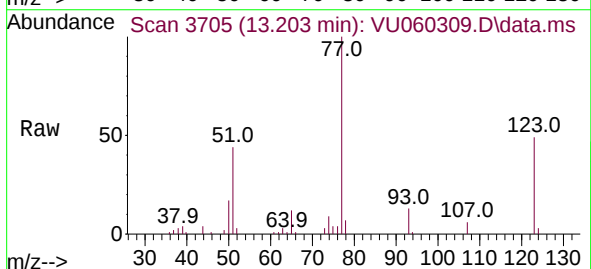
Instrument :
 MSVOA_U
 ClientSampleId :

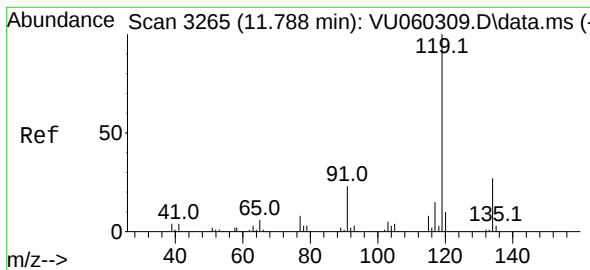
Tgt Ion:105 Resp: 574882
 Ion Ratio Lower Upper
 105 100
 134 19.4 15.5 23.3



#80
 Nitrobenzene
 Concen: 49.226 ug/l
 RT: 13.203 min Scan# 3705
 Delta R.T. 0.000 min
 Lab File: VU060309.D
 Acq: 05 Aug 2024 12:54

Tgt Ion: 77 Resp: 25345
 Ion Ratio Lower Upper
 77 100
 123 47.0 19.6 69.6
 65 10.8 9.0 11.4

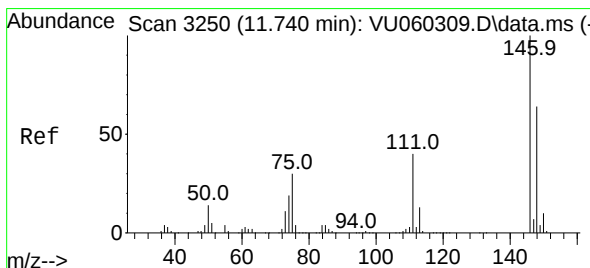
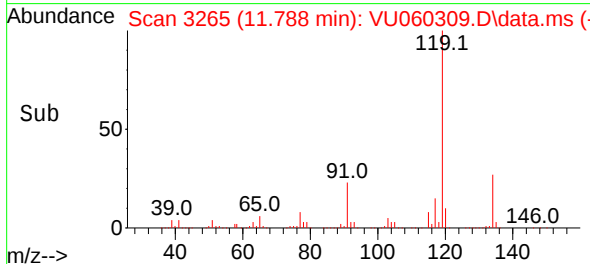
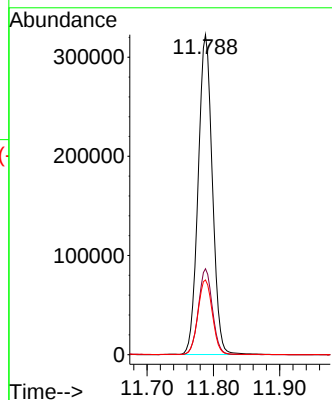
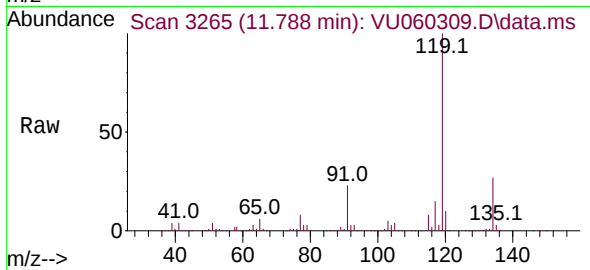




#81
 p-Isopropyltoluene
 Concen: 10.234 ug/l
 RT: 11.788 min Scan# 3265
 Delta R.T. 0.000 min
 Lab File: VU060309.D
 Acq: 05 Aug 2024 12:54

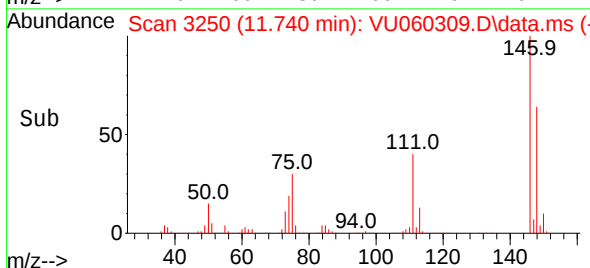
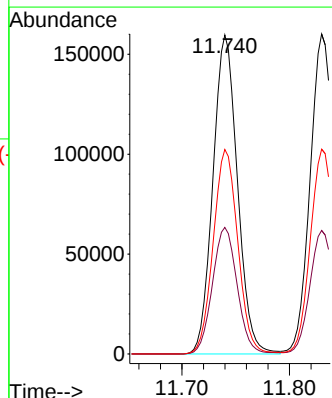
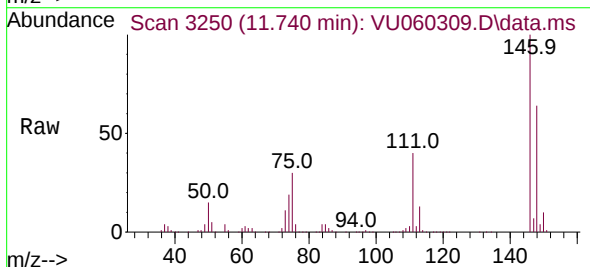
Instrument :
 MSVOA_U
 ClientSampleId :

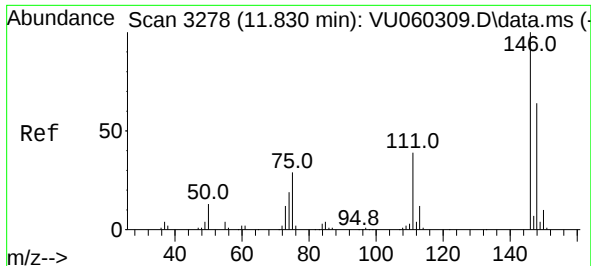
Tgt Ion:119 Resp: 478836
 Ion Ratio Lower Upper
 119 100
 134 26.5 21.2 31.8
 91 23.6 18.9 28.3



#82
 1,3-Dichlorobenzene
 Concen: 11.450 ug/l
 RT: 11.740 min Scan# 3250
 Delta R.T. 0.000 min
 Lab File: VU060309.D
 Acq: 05 Aug 2024 12:54

Tgt Ion:146 Resp: 253098
 Ion Ratio Lower Upper
 146 100
 111 40.0 32.0 48.0
 148 64.2 51.4 77.0





#83

1,4-Dichlorobenzene

Concen: 11.680 ug/l

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU060309.D

Acq: 05 Aug 2024 12:54

Instrument :

MSVOA_U

ClientSampleId :

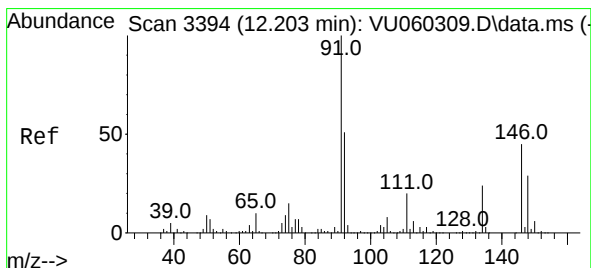
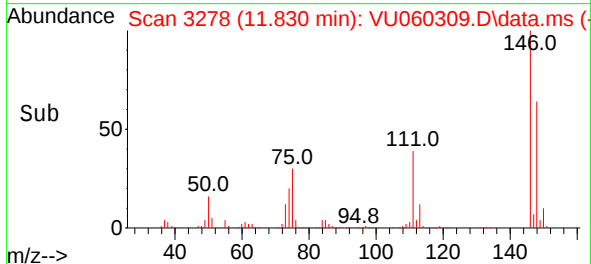
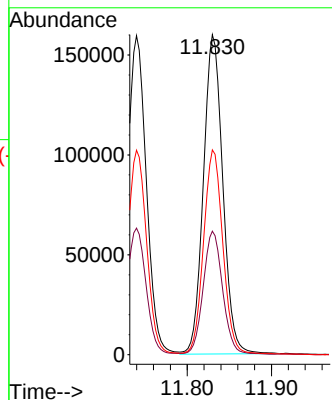
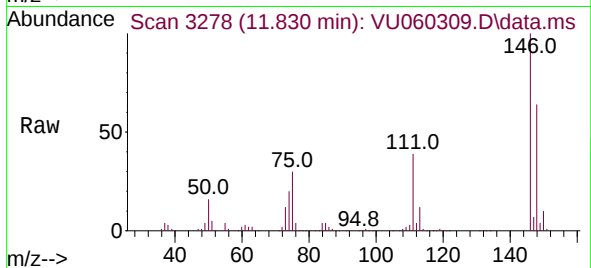
Tgt Ion:146 Resp: 256300

Ion Ratio Lower Upper

146 100

111 38.6 30.9 46.3

148 64.7 51.8 77.6



#84

n-Butylbenzene

Concen: 10.338 ug/l

RT: 12.203 min Scan# 3394

Delta R.T. 0.000 min

Lab File: VU060309.D

Acq: 05 Aug 2024 12:54

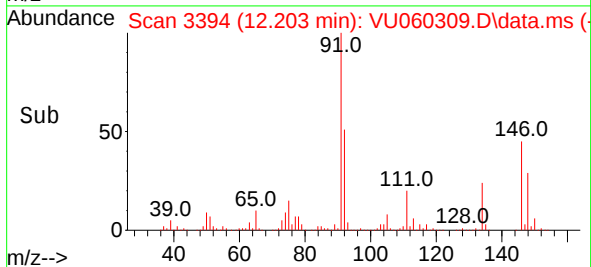
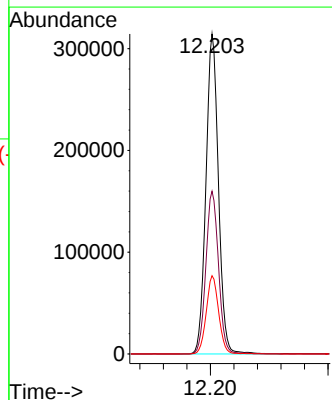
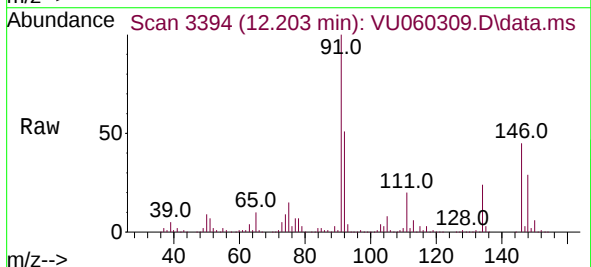
Tgt Ion: 91 Resp: 464008

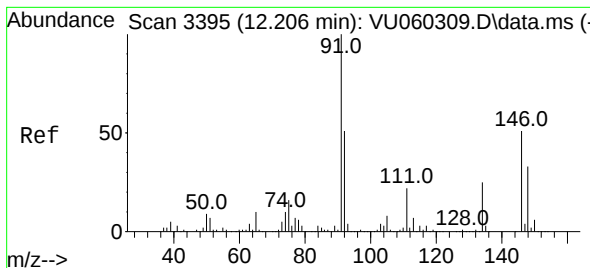
Ion Ratio Lower Upper

91 100

92 51.3 41.0 61.6

134 24.3 19.4 29.2





#85

1,2-Dichlorobenzene

Concen: 11.266 ug/l

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

Lab File: VU060309.D

Acq: 05 Aug 2024 12:54

Instrument :

MSVOA_U

ClientSampleId :

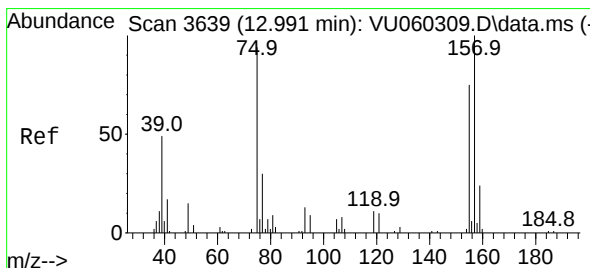
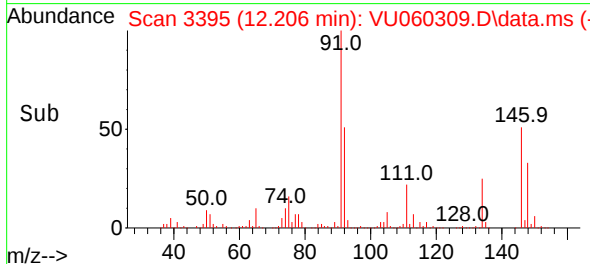
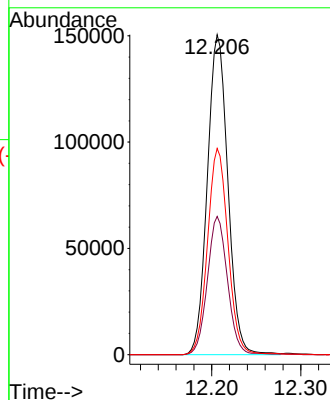
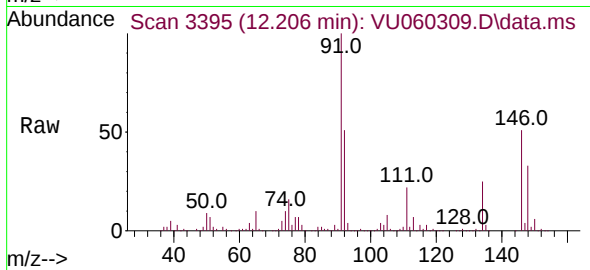
Tgt Ion:146 Resp: 240867

Ion Ratio Lower Upper

146 100

111 42.5 21.3 63.7

148 64.0 32.0 96.0



#86

1,2-Dibromo-3-Chloropropane

Concen: 10.151 ug/l

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU060309.D

Acq: 05 Aug 2024 12:54

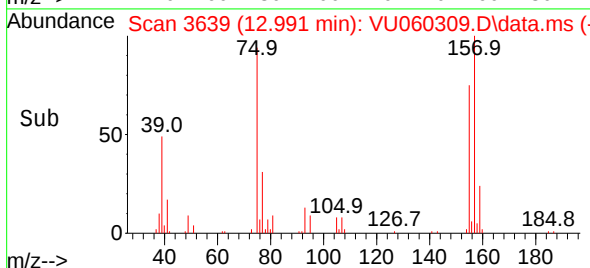
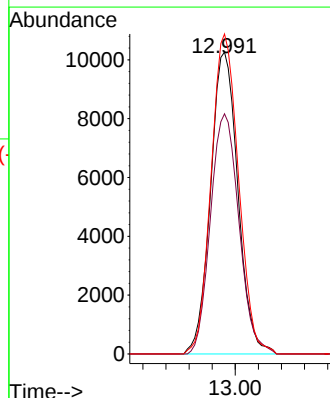
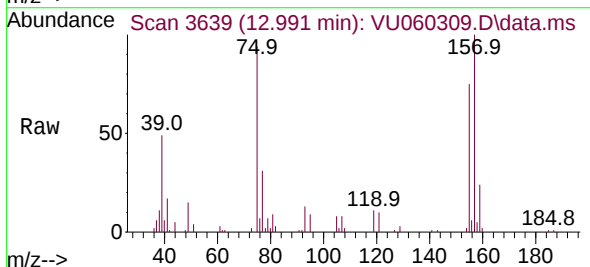
Tgt Ion: 75 Resp: 16908

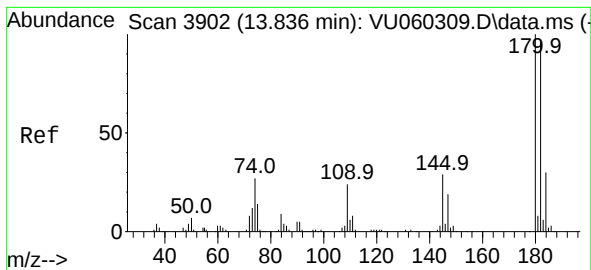
Ion Ratio Lower Upper

75 100

155 82.6 66.1 99.1

157 106.2 85.0 127.4





#87

1,2,4-Trichlorobenzene

Concen: 11.644 ug/l

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU060309.D

Acq: 05 Aug 2024 12:54

Instrument :

MSVOA_U

ClientSampleId :

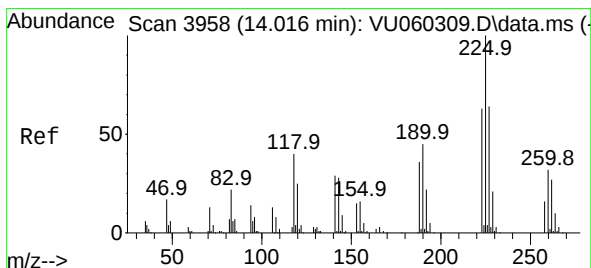
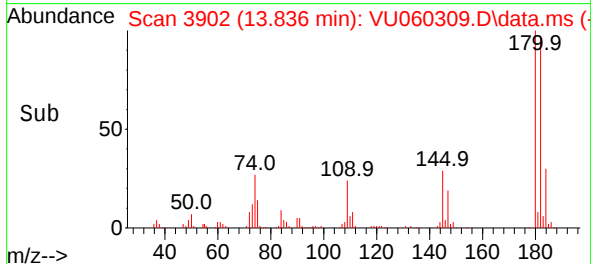
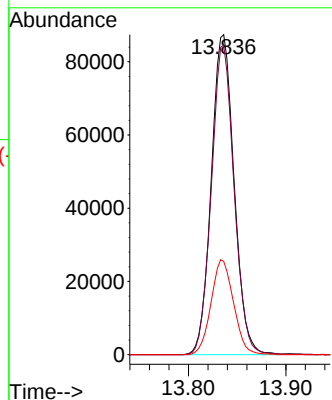
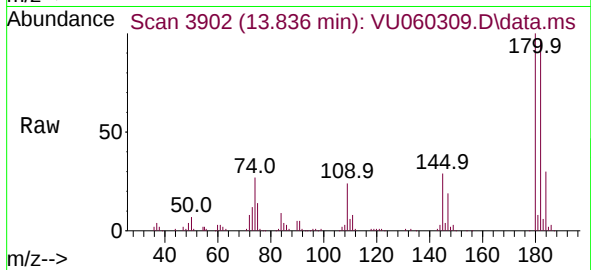
Tgt Ion:180 Resp: 142384

Ion Ratio Lower Upper

180 100

182 96.0 76.8 115.2

145 29.2 23.4 35.0



#88

Hexachlorobutadiene

Concen: 11.295 ug/l

RT: 14.016 min Scan# 3958

Delta R.T. 0.000 min

Lab File: VU060309.D

Acq: 05 Aug 2024 12:54

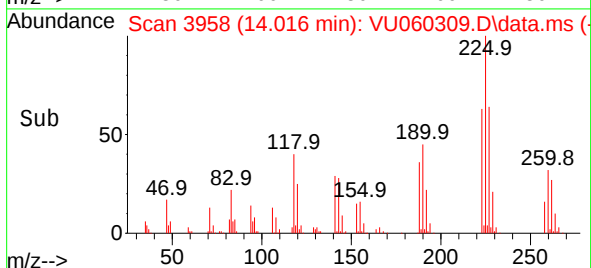
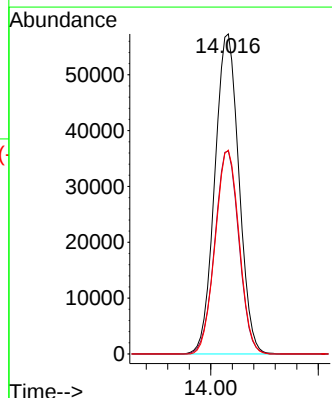
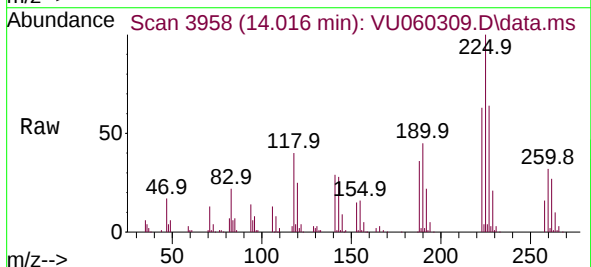
Tgt Ion:225 Resp: 89309

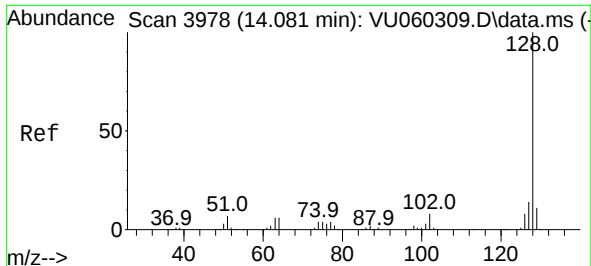
Ion Ratio Lower Upper

225 100

223 63.5 50.8 76.2

227 63.5 50.8 76.2





#89

Naphthalene

Concen: 9.997 ug/l

RT: 14.081 min Scan# 3978

Delta R.T. 0.000 min

Lab File: VU060309.D

Acq: 05 Aug 2024 12:54

Instrument :

MSVOA_U

ClientSampleId :

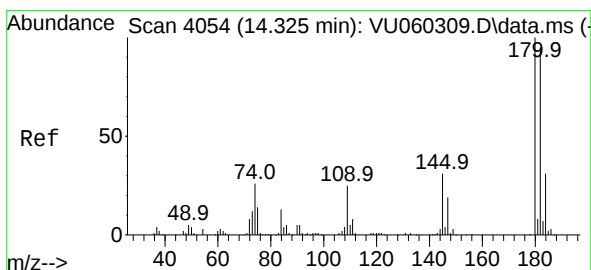
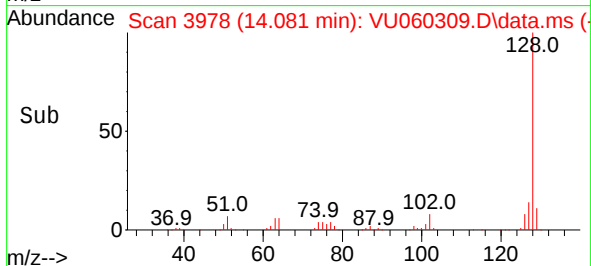
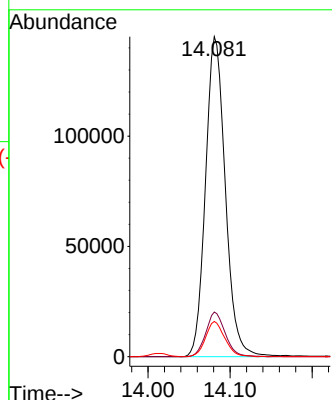
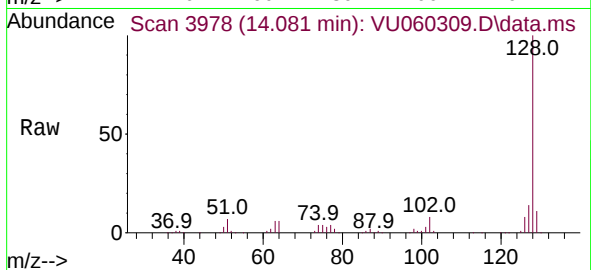
Tgt Ion:128 Resp: 243413

Ion Ratio Lower Upper

128 100

127 13.7 11.0 16.4

129 10.7 8.6 12.8



#90

1,2,3-Trichlorobenzene

Concen: 11.742 ug/l

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU060309.D

Acq: 05 Aug 2024 12:54

Tgt Ion:180 Resp: 140179

Ion Ratio Lower Upper

180 100

182 95.1 76.1 114.1

145 31.3 25.0 37.6

