

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080524\
 Data File : VU060318.D
 Acq On : 05 Aug 2024 19:46
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.2mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 06 06:12:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U080524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Aug 06 05:58:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	38383	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	13395	1.024	ug/l	0.00
Spiked Amount	1.000		Recovery	=	102.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	14775	1.040	ug/l	0.00
Spiked Amount	1.000		Recovery	=	104.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	126896	8.596	ug/l	99
3) Chloromethane	1.518	50	139492	8.264	ug/l	100
4) Vinyl Chloride	1.599	62	149458	8.857	ug/l	99
5) Bromomethane	1.853	94	92595	8.930	ug/l	97
6) Chloroethane	1.927	64	89141	8.728	ug/l	98
7) Trichlorofluoromethane	2.132	101	182268	8.953	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	98973	8.935	ug/l	97
9) 1,1-Dichloroethene	2.573	96	99622	8.681	ug/l	92
10) Iodomethane	2.714	142	155489	9.256	ug/l	99
11) Allyl Chloride	2.914	41	118649	7.542	ug/l	100
12) Acrylonitrile	3.322	53	43111	14.379	ug/l	98
13) Acetone	2.644	43	73747	20.880	ug/l	99
14) Carbon Disulfide	2.785	76	333858	8.580	ug/l	99
15) Methylene Chloride	3.036	84	123221	8.578	ug/l	94
16) trans-1,2-Dichloroethene	3.345	96	111874	9.099	ug/l	95
17) 1,1-Dichloroethane	3.859	63	201818	8.537	ug/l	98
18) 2-Butanone	4.711	43	119440	28.391	ug/l	99
19) Cyclohexane	5.380	56	146779	7.203	ug/l	85
20) Methylcyclohexane	6.756	83	168918	10.445	ug/l	100
21) 2,2-Dichloropropane	4.653	77	141980	7.712	ug/l	98
22) cis-1,2-Dichloroethene	4.656	96	120152	9.122	ug/l	93
23) Diethyl Ether	2.370	59	80643	8.647	ug/l	99
24) tert-Butyl Alcohol	3.232	59	57356	46.946	ug/l	100
25) Methyl tert-Butyl Ether	3.357	73	220527	7.828	ug/l	98
26) Bromochloromethane	4.968	128	53954	9.674	ug/l	91
27) Chloroform	5.078	83	209940	9.076	ug/l	99
28) 1,1,1-Trichloroethane	5.306	97	174832	9.099	ug/l	98
29) 1,1-Dichloropropene	5.518	75	148018	9.614	ug/l	99
30) Carbon Tetrachloride	5.518	117	149550	9.551	ug/l	99
31) Isopropyl Ether	3.984	45	256112	7.411	ug/l	95
32) Ethyl-t-butyl ether	4.492	59	252681	7.565	ug/l	97
33) Tert-Amyl methyl ether	5.933	73	238765	10.071	ug/l	98
34) Propionitrile	4.788	54	41002	34.100	ug/l	# 93
35) Benzene	5.766	78	473871	9.988	ug/l	99
36) 1,2-Dichloroethane	5.785	62	121547	9.219	ug/l	99
37) Trichloroethene	6.534	130	113857	9.694	ug/l	99
38) 1,2-Dichloropropane	6.782	63	127524	9.937	ug/l	99
39) Methacrylonitrile	4.968	41	28172	6.474	ug/l	93
40) Methyl acrylate	4.843	55	53709	7.048	ug/l	# 96
41) Tetrahydrofuran	5.062	42	30535	12.886	ug/l	96
42) 1-Chlorobutane	5.451	56	206625	9.734	ug/l	99
43) Dibromomethane	6.910	93	60038	9.248	ug/l	98
44) Bromodichloromethane	7.100	83	150964	9.685	ug/l	100

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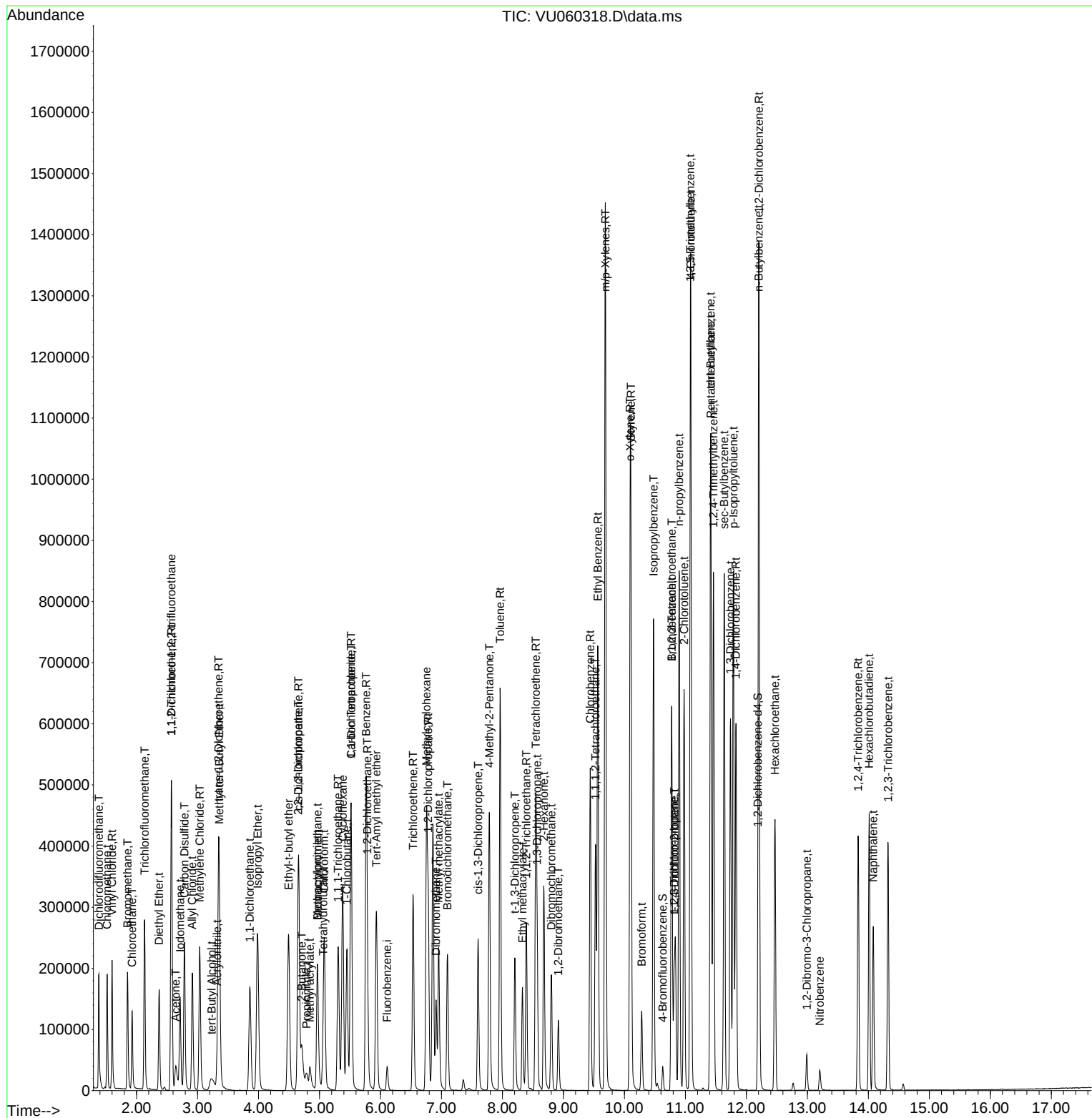
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.785	43	289009	47.409	ug/l	100
46) t-1,4-Dichloro-2-butene	10.820	75	137637	40.292	ug/l #	59
47) Methyl methacrylate	6.955	69	107428	20.392	ug/l	98
48) Ethyl methacrylate	8.328	69	94695	10.587	ug/l	98
49) Toluene	7.962	92	286811	10.903	ug/l	99
50) t-1,3-Dichloropropene	8.203	75	128327	9.972	ug/l	99
51) cis-1,3-Dichloropropene	7.602	75	154781	9.998	ug/l	98
52) 1,1,2-Trichloroethane	8.393	97	87912	9.224	ug/l	99
53) 1,3-Dichloropropane	8.569	76	145039	9.538	ug/l	99
54) 2-Hexanone	8.679	43	201913	42.735	ug/l	98
55) Dibromochloromethane	8.801	129	102150	9.772	ug/l	99
56) 1,2-Dibromoethane	8.917	107	79390	9.290	ug/l	98
58) Tetrachloroethene	8.547	164	105390	10.041	ug/l	99
59) Chlorobenzene	9.441	112	297589	10.448	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.528	131	108737	9.690	ug/l	99
61) Pentachloroethane	11.418	117	91838	9.582	ug/l	100
62) Hexachloroethane	12.470	117	92049	9.936	ug/l	100
63) Ethyl Benzene	9.563	91	509832	9.550	ug/l	99
64) m/p-Xylenes	9.688	106	417854	19.011	ug/l	99
65) o-Xylene	10.094	106	194498	9.380	ug/l	100
66) Styrene	10.106	104	335444	9.421	ug/l	100
67) Bromoform	10.283	173	60107	9.817	ug/l	96
69) Isopropylbenzene	10.479	105	498548	9.319	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.775	83	112668	8.884	ug/l	99
71) 1,2,3-Trichloropropane	10.820	75	137637	14.653	ug/l #	53
72) Bromobenzene	10.775	156	122901	10.508	ug/l	98
73) n-propylbenzene	10.897	120	145843	9.487	ug/l	98
74) 2-Chlorotoluene	10.978	126	128814	9.479	ug/l	98
75) 1,3,5-Trimethylbenzene	11.081	105	452971	9.479	ug/l	100
76) 4-Chlorotoluene	11.090	126	134507	9.431	ug/l	98
77) tert-Butylbenzene	11.415	119	416781	9.245	ug/l	100
78) 1,2,4-Trimethylbenzene	11.460	105	471327	9.465	ug/l	100
79) sec-Butylbenzene	11.637	105	573112	9.272	ug/l	100
80) Nitrobenzene	13.203	77	20938	37.598	ug/l #	94
81) p-Isopropyltoluene	11.788	119	470744	9.171	ug/l	100
82) 1,3-Dichlorobenzene	11.740	146	253126	10.374	ug/l	100
83) 1,4-Dichlorobenzene	11.830	146	253921	10.483	ug/l	99
84) n-Butylbenzene	12.203	91	447551	9.121	ug/l	100
85) 1,2-Dichlorobenzene	12.206	146	240037	10.171	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.991	75	15928	8.663	ug/l	97
87) 1,2,4-Trichlorobenzene	13.833	180	133903	9.920	ug/l	100
88) Hexachlorobutadiene	14.013	225	83403	9.555	ug/l	99
89) Naphthalene	14.081	128	223016	8.559	ug/l	100
90) 1,2,3-Trichlorobenzene	14.325	180	132474	10.053	ug/l	100

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

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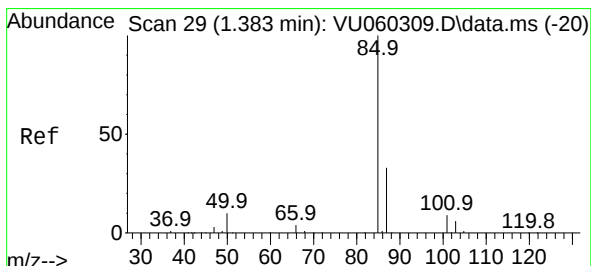
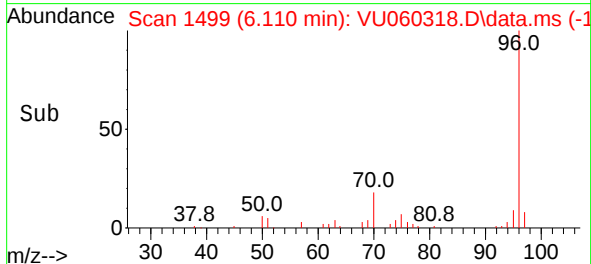
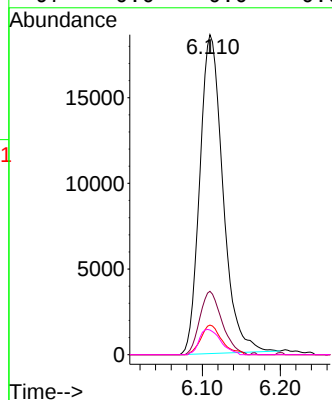
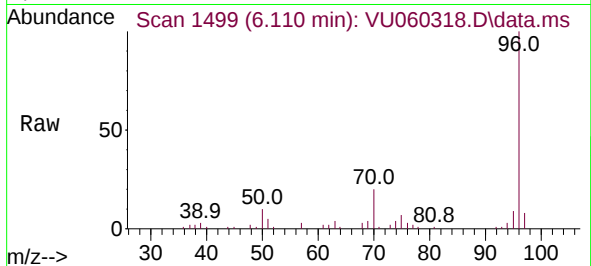




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1498
Delta R.T. 0.003 min
Lab File: VU060318.D
Acq: 05 Aug 2024 19:46

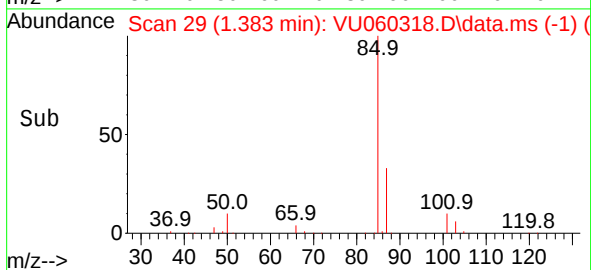
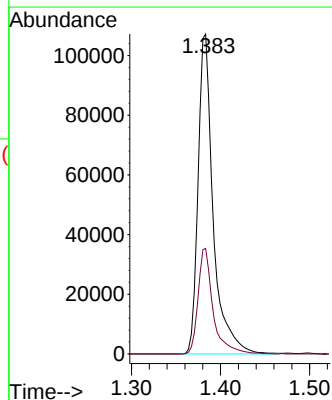
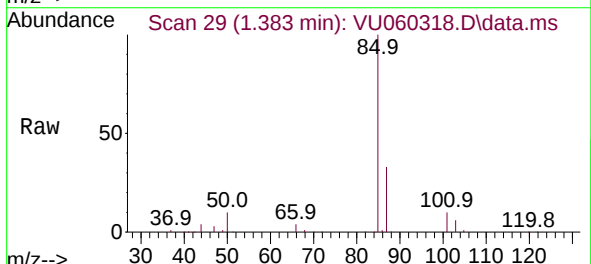
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MSVOA_U
ClientSampleId :

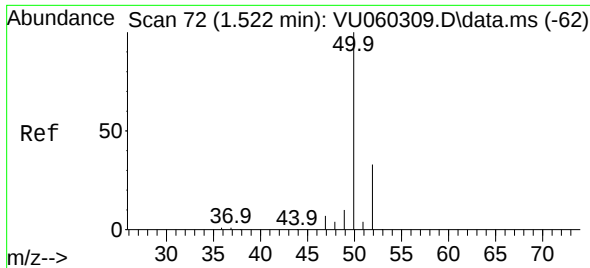
Tgt Ion: 96	Resp: 38383
Ion Ratio	Lower Upper
96 100	
70 19.0	17.2 25.8
95 8.5	7.9 11.9
97 0.0	0.0 0.0



#2
Dichlorodifluoromethane
Concen: 8.596 ug/l
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU060318.D
Acq: 05 Aug 2024 19:46

Tgt Ion: 85	Resp: 126896
Ion Ratio	Lower Upper
85 100	
87 33.0	16.3 48.9

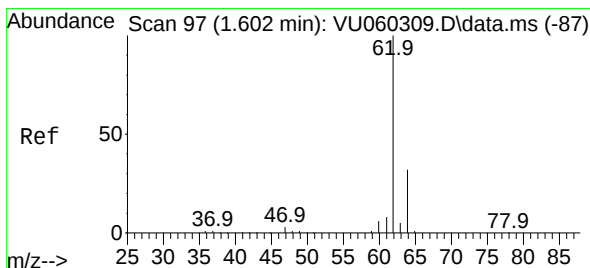
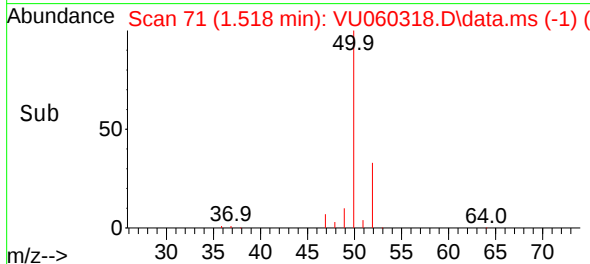
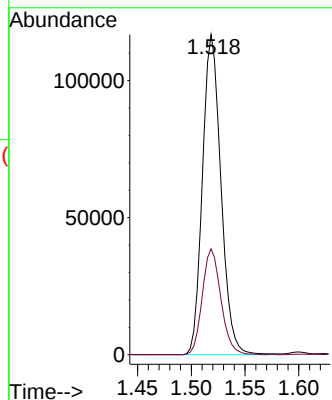
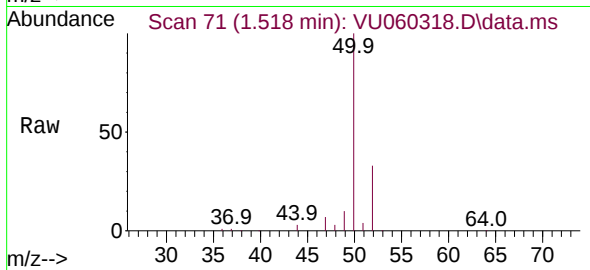




#3
Chloromethane
Concen: 8.264 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU060318.D
Acq: 05 Aug 2024 19:46

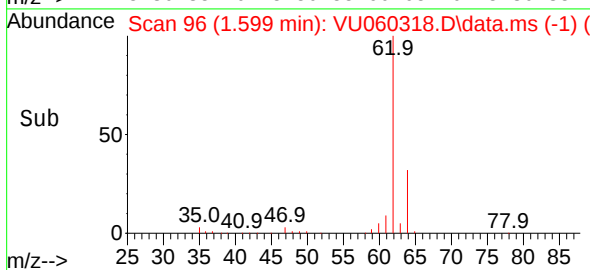
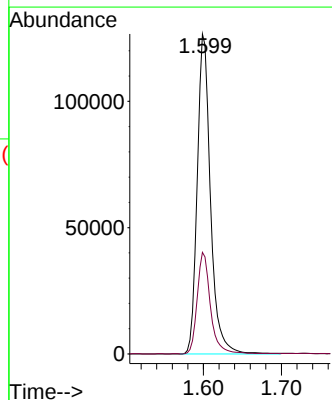
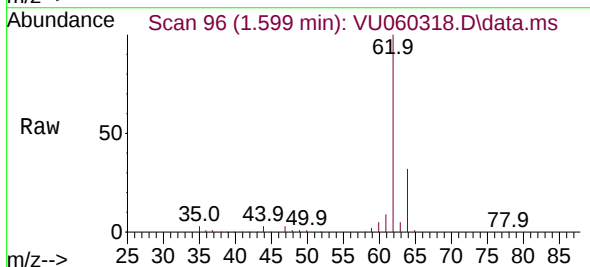
Instrument :
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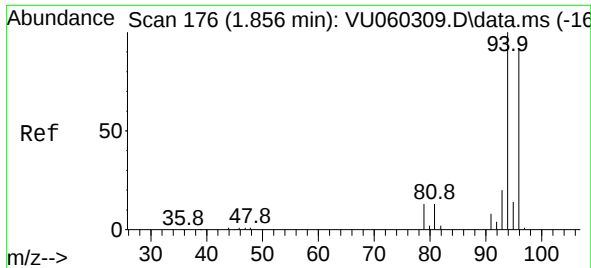
Tgt Ion: 50 Resp: 139492
Ion Ratio Lower Upper
50 100
52 33.1 26.5 39.7



#4
Vinyl Chloride
Concen: 8.857 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.003 min
Lab File: VU060318.D
Acq: 05 Aug 2024 19:46

Tgt Ion: 62 Resp: 149458
Ion Ratio Lower Upper
62 100
64 31.8 25.8 38.6

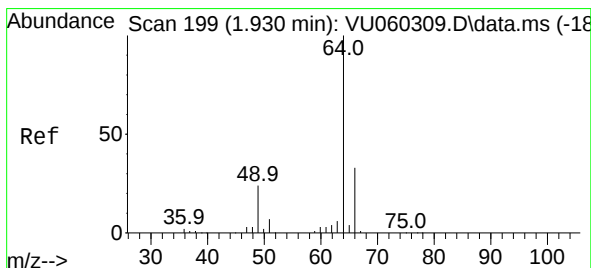
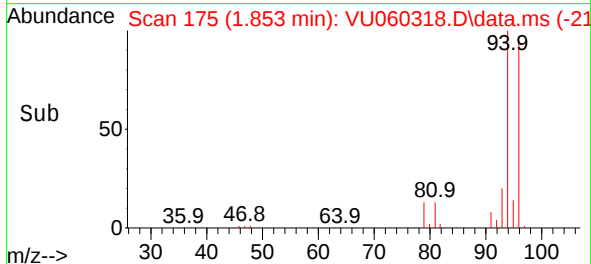
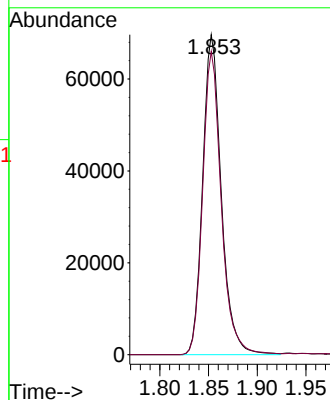
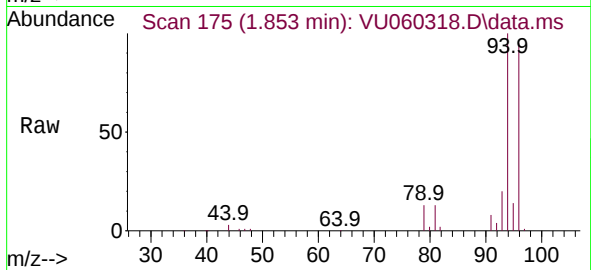




#5
Bromomethane
Concen: 8.930 ug/l
RT: 1.853 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU060318.D
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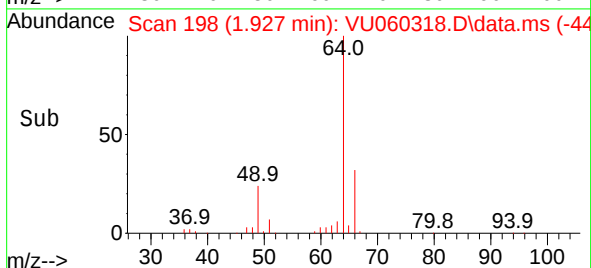
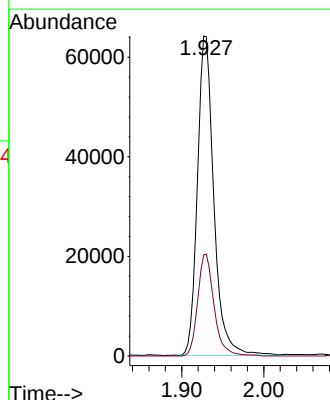
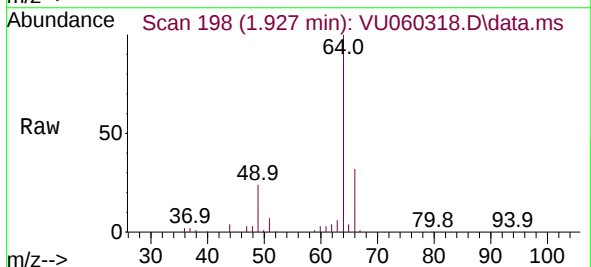
Instrument :
MSVOA_U
ClientSampleId :

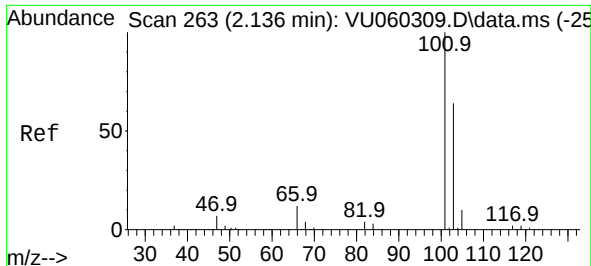
Tgt Ion: 94 Resp: 92595
Ion Ratio Lower Upper
94 100
96 94.8 73.8 110.8



#6
Chloroethane
Concen: 8.728 ug/l
RT: 1.927 min Scan# 198
Delta R.T. -0.003 min
Lab File: VU060318.D
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Tgt Ion: 64 Resp: 89141
Ion Ratio Lower Upper
64 100
66 31.6 26.3 39.5

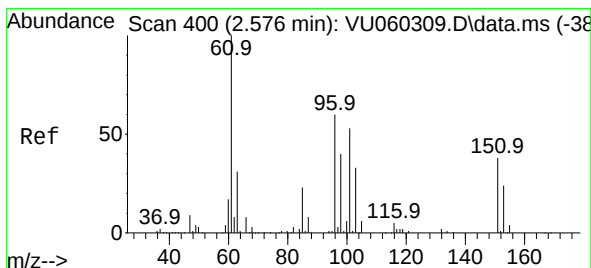
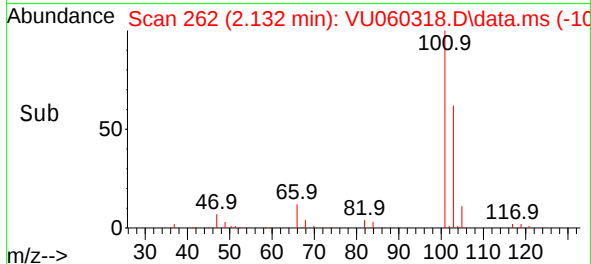
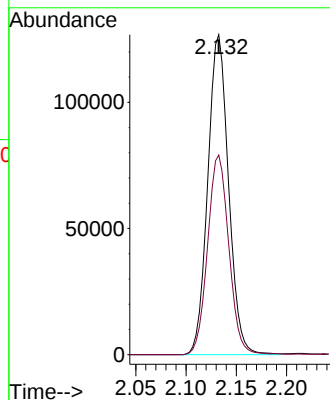
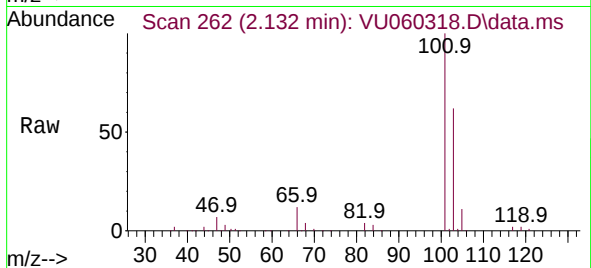




#7
Trichlorofluoromethane
Concen: 8.953 ug/l
RT: 2.132 min Scan# 210
Delta R.T. -0.003 min
Lab File: VU060318.D
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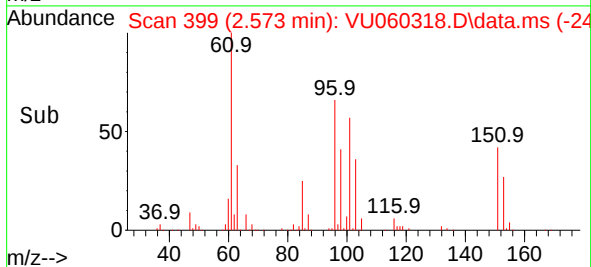
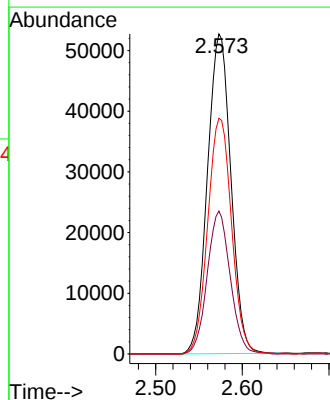
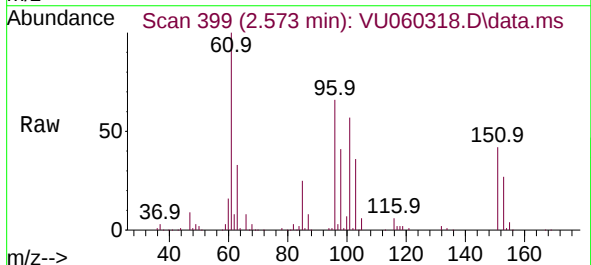
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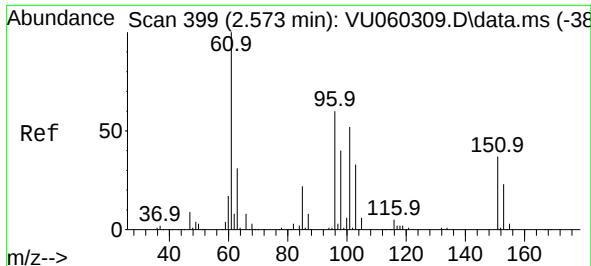
Tgt Ion:101 Resp: 182268
Ion Ratio Lower Upper
101 100
103 62.4 51.0 76.4



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 8.935 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
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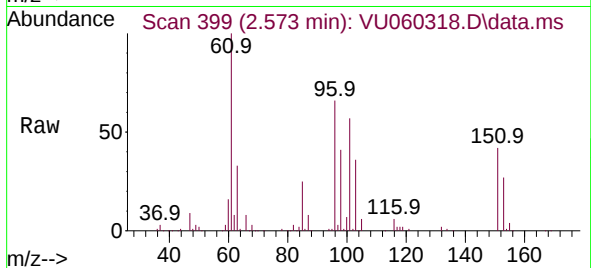
Tgt Ion:101 Resp: 98973
Ion Ratio Lower Upper
101 100
85 43.9 34.9 52.3
151 75.1 57.2 85.8



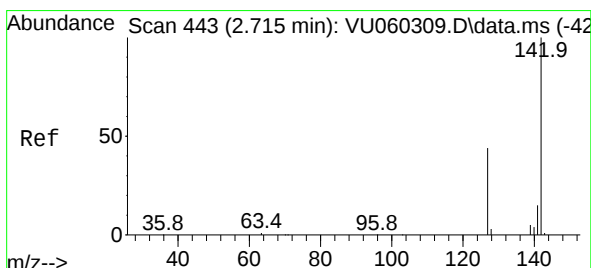
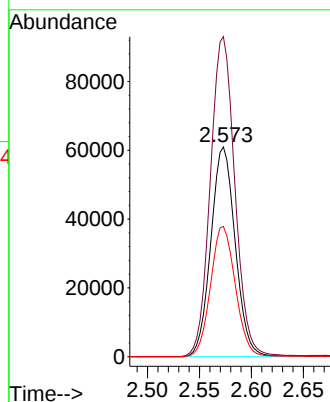
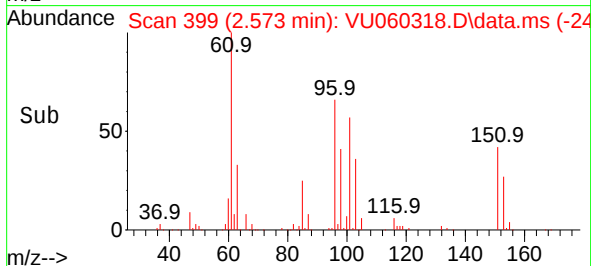


#9
1,1-Dichloroethene
Concen: 8.681 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
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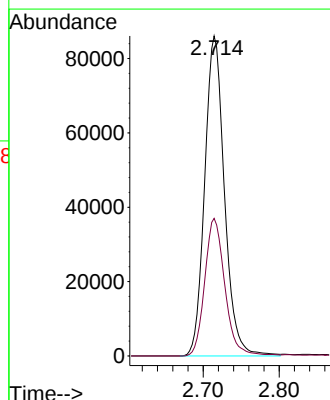
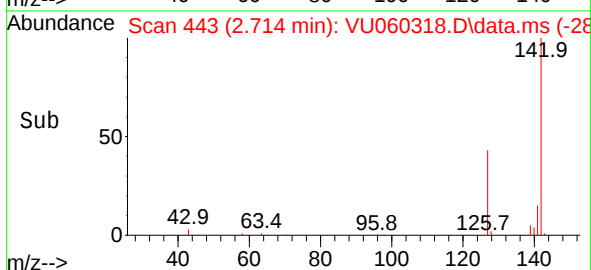
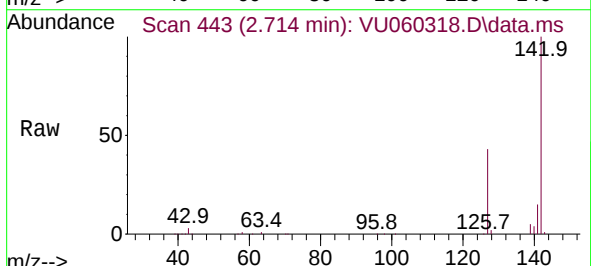


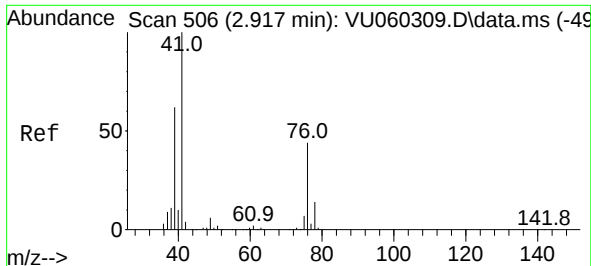
Tgt Ion: 96 Resp: 99622
Ion Ratio Lower Upper
96 100
61 152.5 0.0 495.9
98 62.0 0.0 131.6



#10
Iodomethane
Concen: 9.256 ug/l
RT: 2.714 min Scan# 443
Delta R.T. -0.000 min
Lab File: VU060318.D
Acq: 05 Aug 2024 19:46

Tgt Ion: 142 Resp: 155489
Ion Ratio Lower Upper
142 100
127 43.8 35.5 53.3





#11

Allyl Chloride

Concen: 7.542 ug/l

RT: 2.914 min Scan# 506

Delta R.T. -0.003 min

Lab File: VU060318.D

Acq: 05 Aug 2024 19:46

Instrument :

MSVOA_U

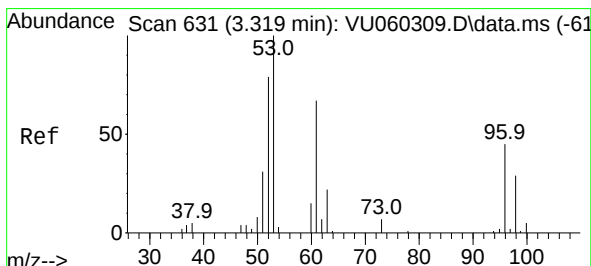
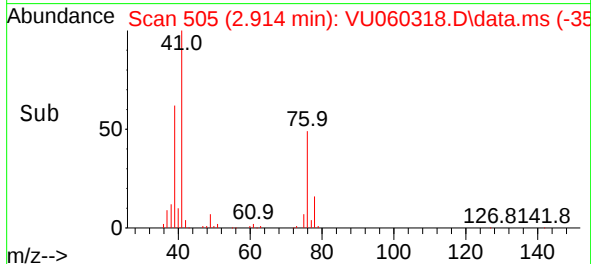
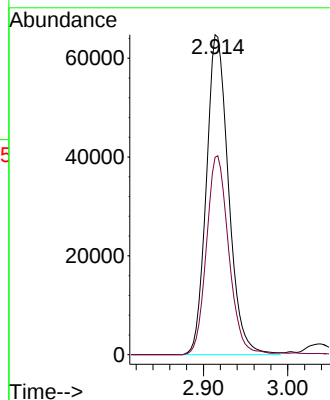
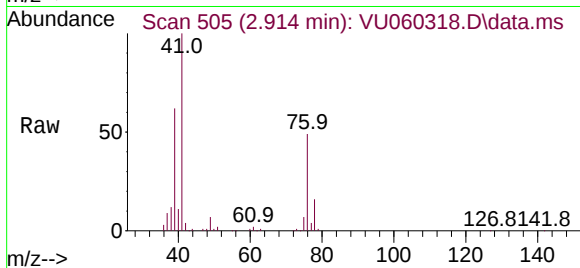
ClientSampleId :

Tgt Ion: 41 Resp: 118649

Ion Ratio Lower Upper

41 100

39 62.4 50.0 75.0



#12

Acrylonitrile

Concen: 14.379 ug/l

RT: 3.322 min Scan# 632

Delta R.T. 0.003 min

Lab File: VU060318.D

Acq: 05 Aug 2024 19:46

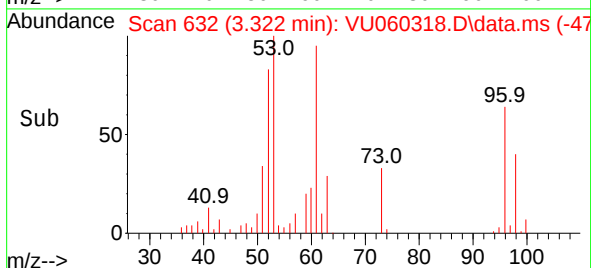
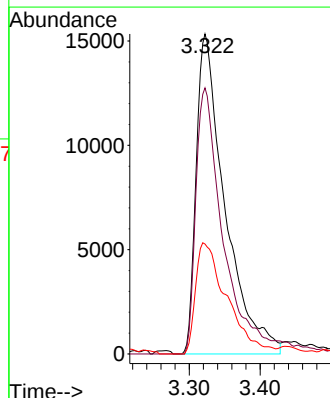
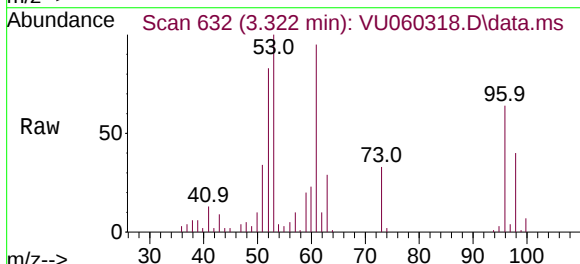
Tgt Ion: 53 Resp: 43111

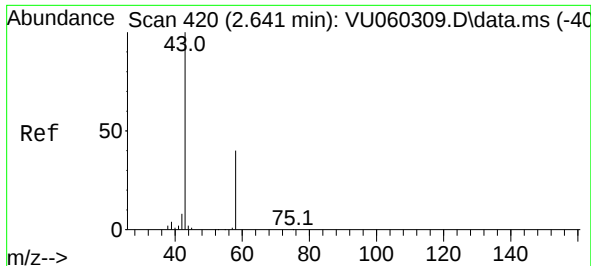
Ion Ratio Lower Upper

53 100

52 80.0 63.7 95.5

51 38.0 28.2 42.4





#13

Acetone

Concen: 20.880 ug/l

RT: 2.644 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU060318.D

Acq: 05 Aug 2024 19:46

Instrument :

MSVOA_U

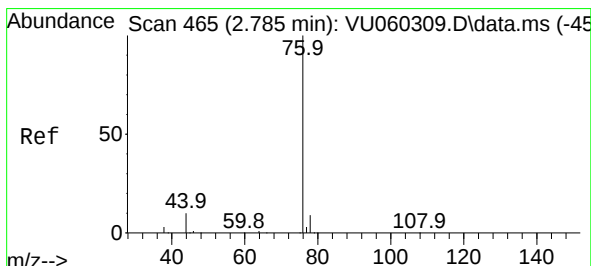
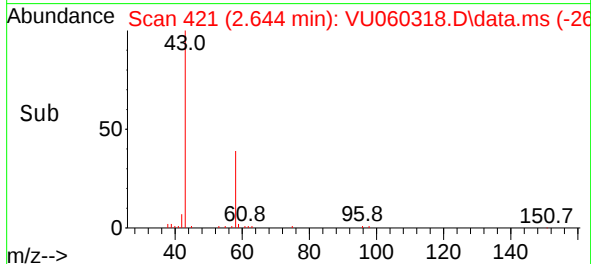
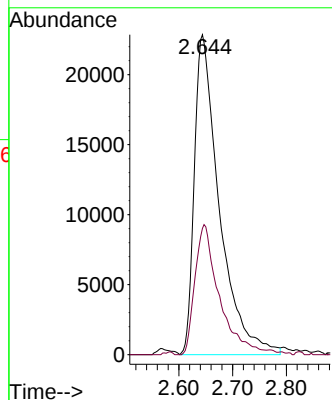
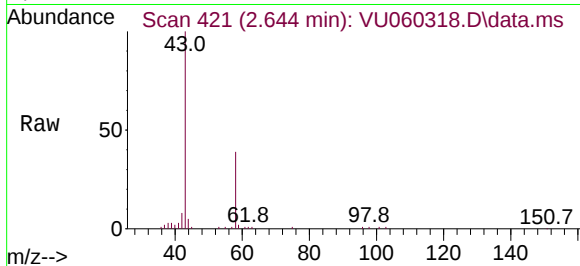
ClientSampleId :

Tgt Ion: 43 Resp: 73747

Ion Ratio Lower Upper

43 100

58 39.5 31.8 47.8



#14

Carbon Disulfide

Concen: 8.580 ug/l

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU060318.D

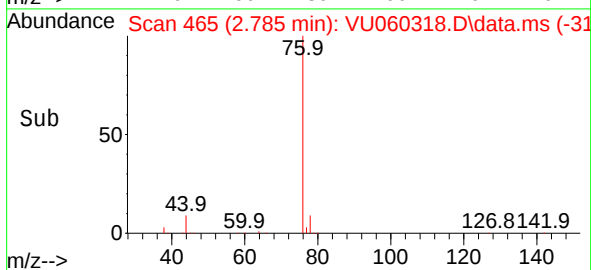
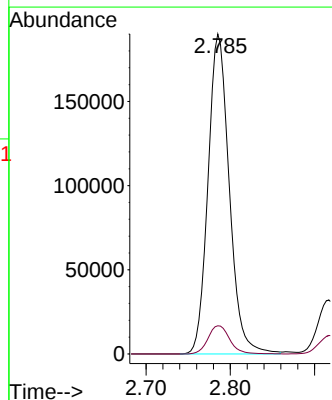
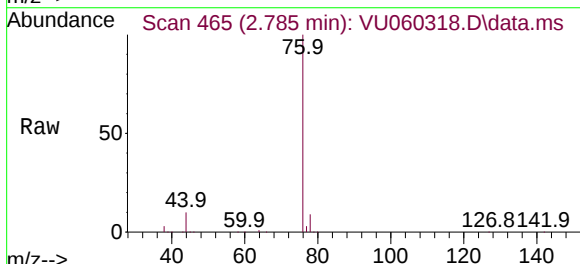
Acq: 05 Aug 2024 19:46

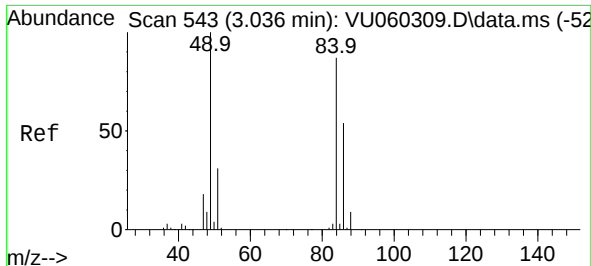
Tgt Ion: 76 Resp: 333858

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.0





#15

Methylene Chloride

Concen: 8.578 ug/l

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

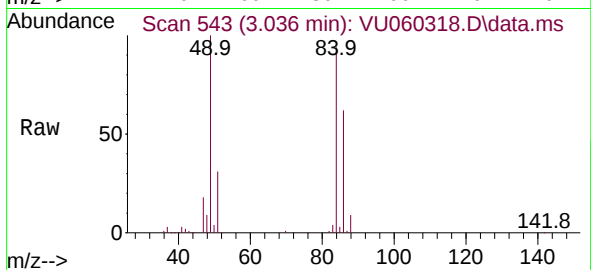
Lab File: VU060318.D

Acq: 05 Aug 2024 19:46

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 84 Resp: 123221

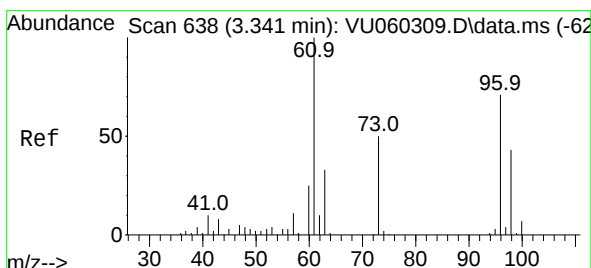
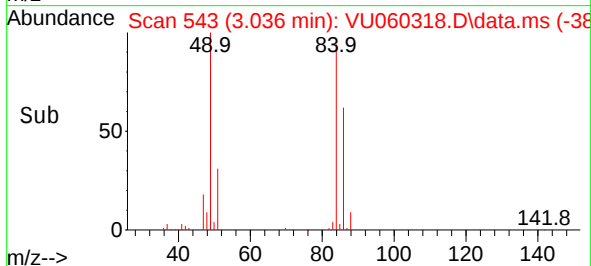
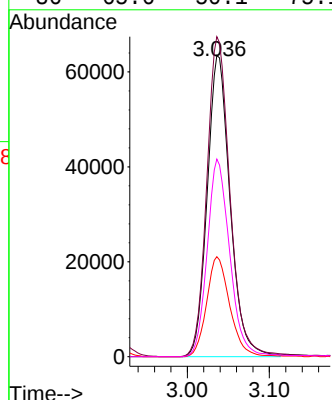
Ion Ratio Lower Upper

84 100

49 106.2 92.1 138.1

51 33.2 0.0 72.4

86 65.6 50.1 75.1



#16

trans-1,2-Dichloroethene

Concen: 9.099 ug/l

RT: 3.345 min Scan# 639

Delta R.T. 0.003 min

Lab File: VU060318.D

Acq: 05 Aug 2024 19:46

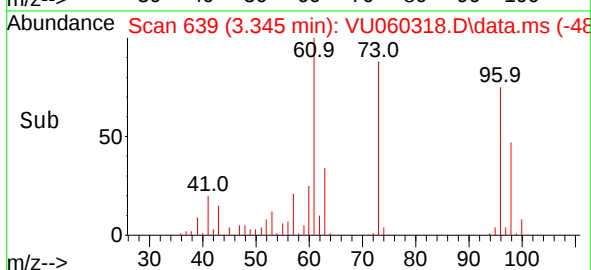
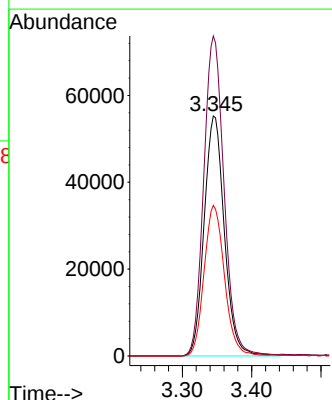
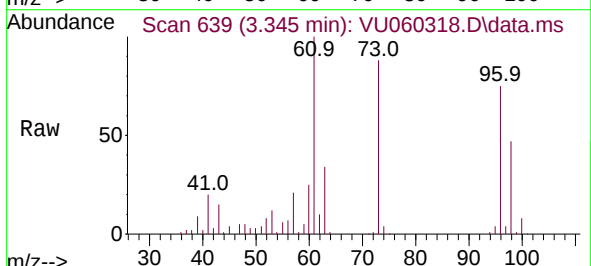
Tgt Ion: 96 Resp: 111874

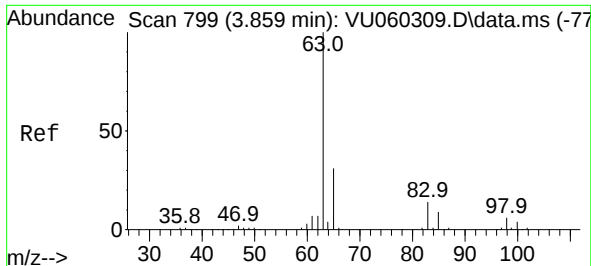
Ion Ratio Lower Upper

96 100

61 133.4 112.8 169.2

98 62.8 48.7 73.1

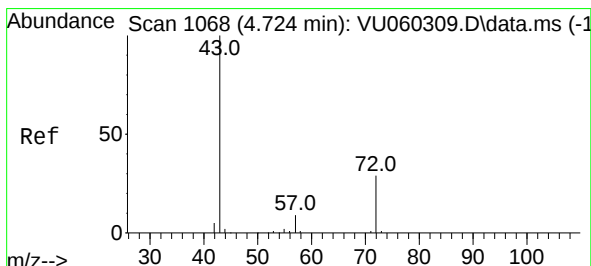
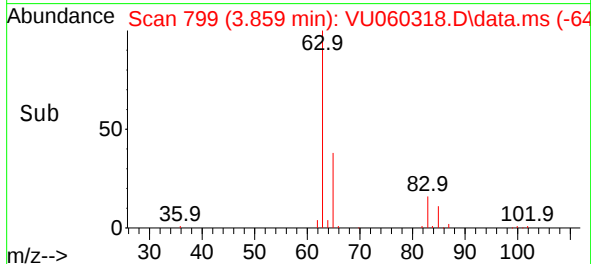
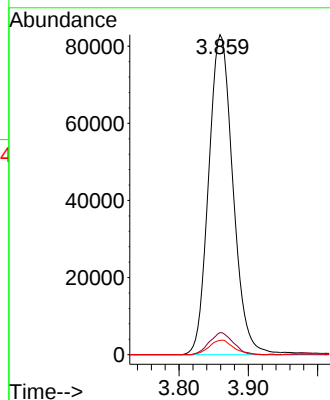
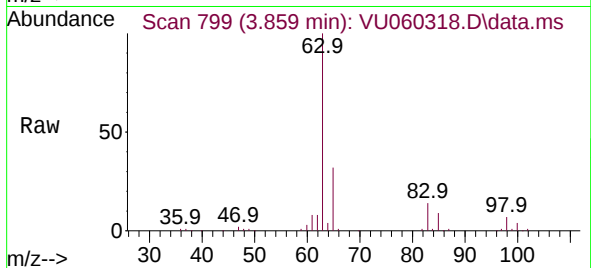




#17
 1,1-Dichloroethane
 Concen: 8.537 ug/l
 RT: 3.859 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VU060318.D
 Acq: 05 Aug 2024 19:46

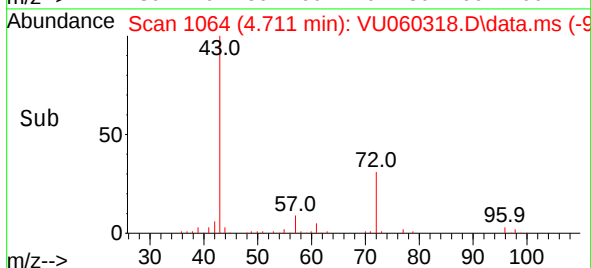
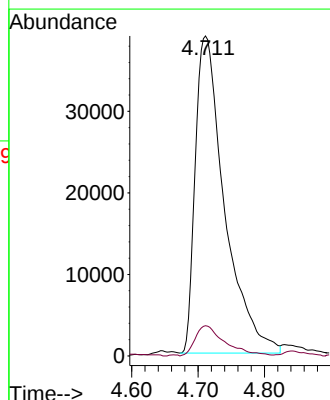
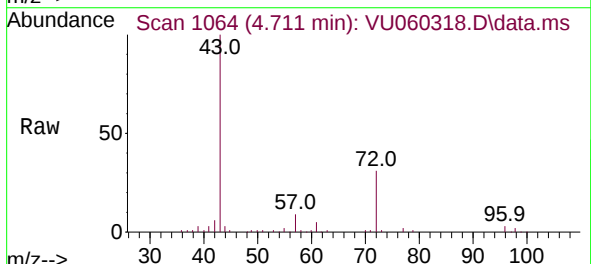
Instrument :
 MSVOA_U
 ClientSampleId :

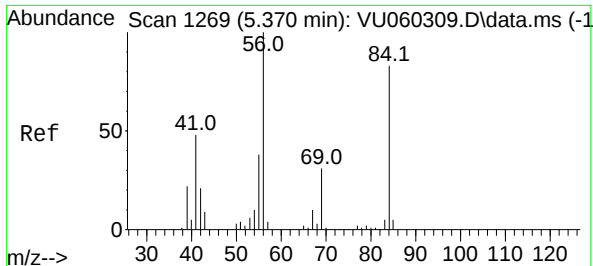
Tgt Ion: 63 Resp: 201818
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.1 9.4
 100 4.5 2.0 5.8



#18
 2-Butanone
 Concen: 28.391 ug/l
 RT: 4.711 min Scan# 1064
 Delta R.T. -0.013 min
 Lab File: VU060318.D
 Acq: 05 Aug 2024 19:46

Tgt Ion: 43 Resp: 119440
 Ion Ratio Lower Upper
 43 100
 57 9.5 0.0 18.4





#19

Cyclohexane

Concen: 7.203 ug/l

RT: 5.380 min Scan# 1

Delta R.T. 0.010 min

Lab File: VU060318.D

Acq: 05 Aug 2024 19:46

Instrument :

MSVOA_U

ClientSampleId :

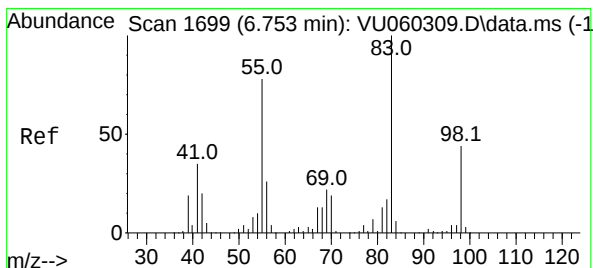
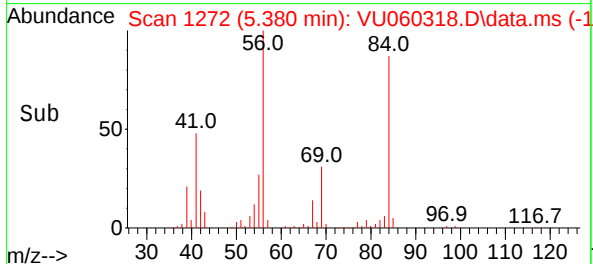
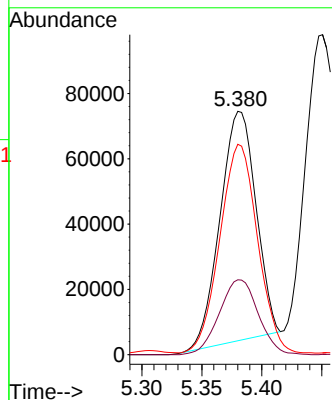
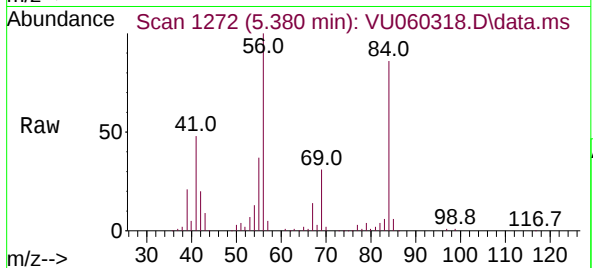
Tgt Ion: 56 Resp: 146779

Ion Ratio Lower Upper

56 100

69 35.3 24.2 36.2

84 95.3 63.9 95.9



#20

Methylcyclohexane

Concen: 10.445 ug/l

RT: 6.756 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VU060318.D

Acq: 05 Aug 2024 19:46

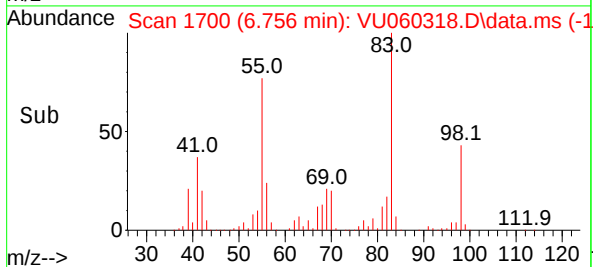
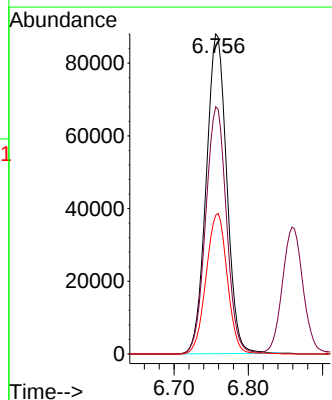
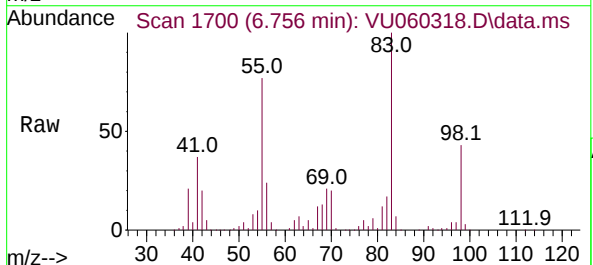
Tgt Ion: 83 Resp: 168918

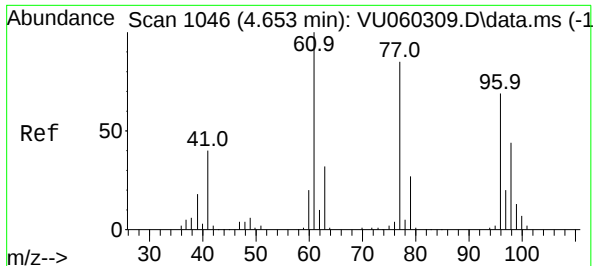
Ion Ratio Lower Upper

83 100

55 77.7 62.2 93.2

98 44.7 36.1 54.1

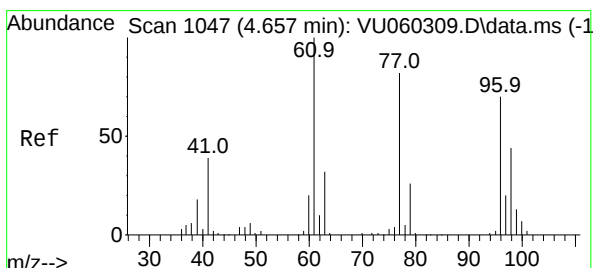
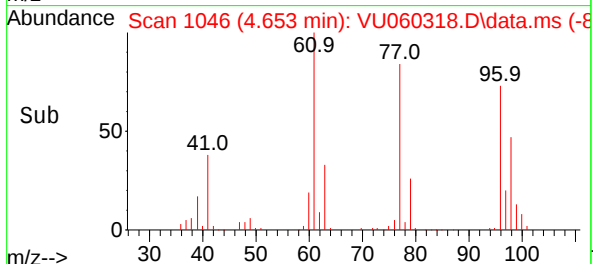
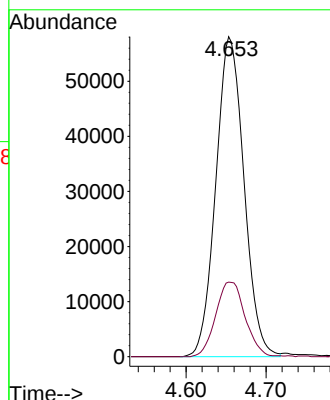
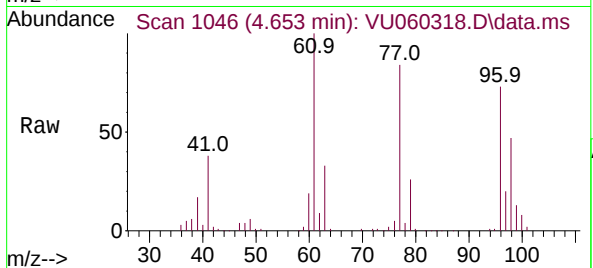




#21
2,2-Dichloropropane
Concen: 7.712 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. -0.000 min
Lab File: VU060318.D
Acq: 05 Aug 2024 19:46

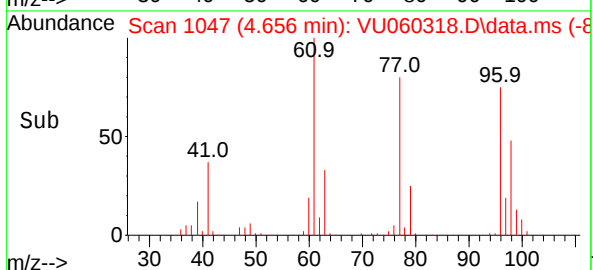
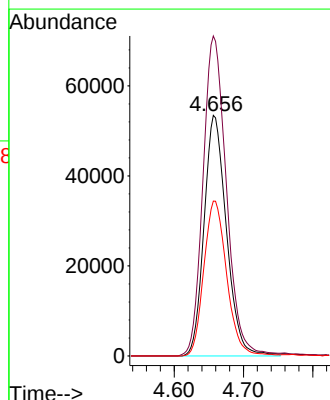
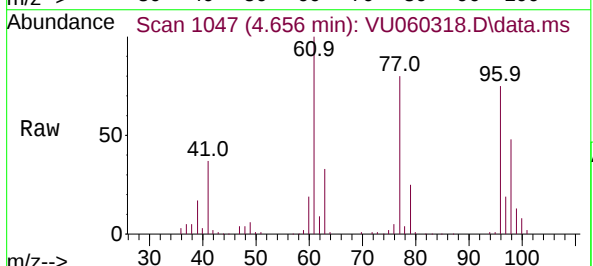
Instrument :
MSVOA_U
ClientSampleId :

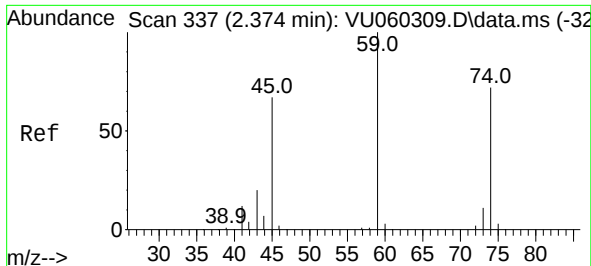
Tgt Ion: 77 Resp: 141980
Ion Ratio Lower Upper
77 100
97 24.4 18.6 27.8



#22
cis-1,2-Dichloroethene
Concen: 9.122 ug/l
RT: 4.656 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU060318.D
Acq: 05 Aug 2024 19:46

Tgt Ion: 96 Resp: 120152
Ion Ratio Lower Upper
96 100
61 138.7 0.0 372.8
98 65.7 31.8 95.4





#23

Diethyl Ether

Concen: 8.647 ug/l

RT: 2.370 min Scan# 337

Delta R.T. -0.003 min

Lab File: VU060318.D

Acq: 05 Aug 2024 19:46

Instrument :

MSVOA_U

ClientSampleId :

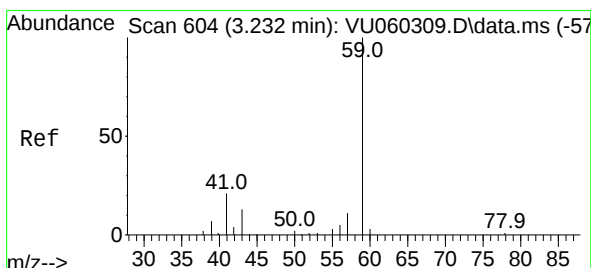
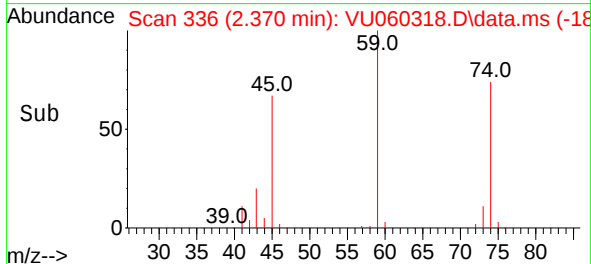
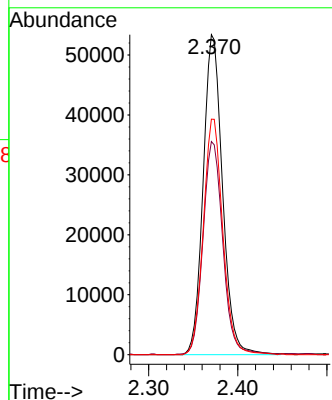
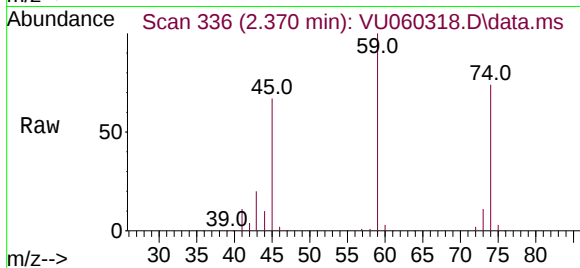
Tgt Ion: 59 Resp: 80643

Ion Ratio Lower Upper

59 100

45 68.0 55.8 83.6

74 74.2 59.2 88.8



#24

tert-Butyl Alcohol

Concen: 46.946 ug/l

RT: 3.232 min Scan# 604

Delta R.T. -0.000 min

Lab File: VU060318.D

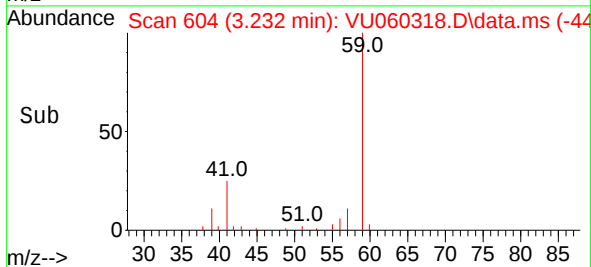
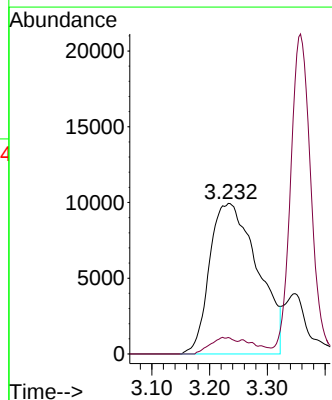
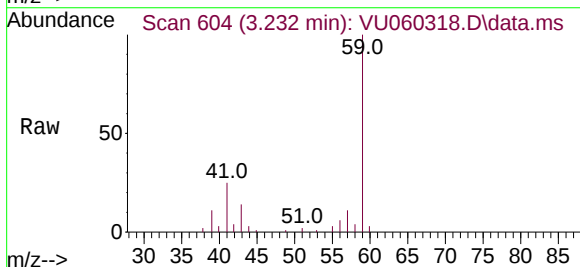
Acq: 05 Aug 2024 19:46

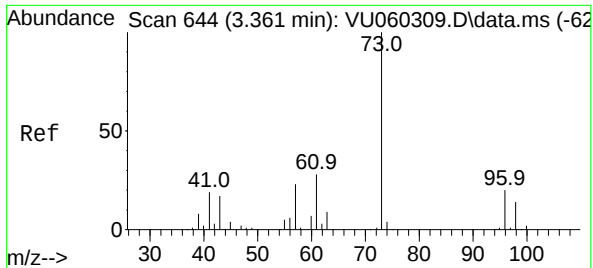
Tgt Ion: 59 Resp: 57356

Ion Ratio Lower Upper

59 100

57 5.7 4.5 6.7

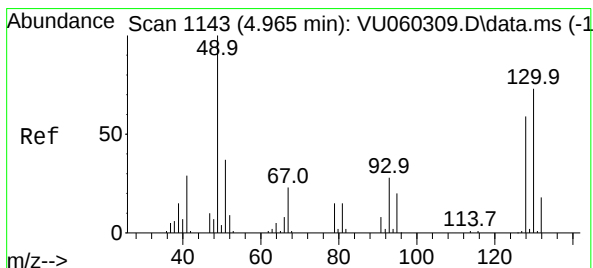
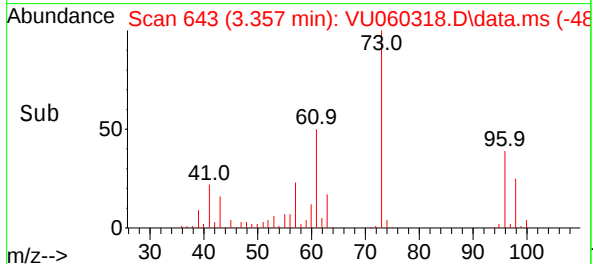
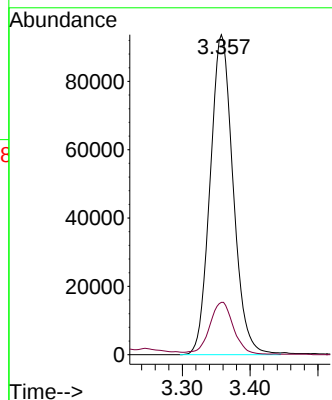
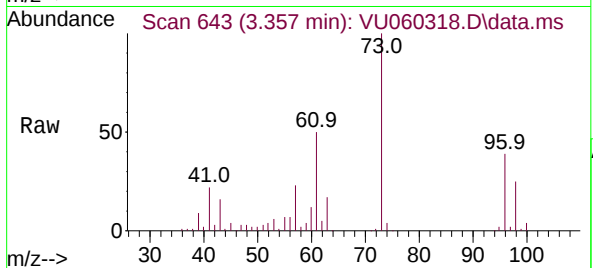




#25
Methyl tert-Butyl Ether
Concen: 7.828 ug/l
RT: 3.357 min Scan# 644
Delta R.T. -0.003 min
Lab File: VU060318.D
Acq: 05 Aug 2024 19:46

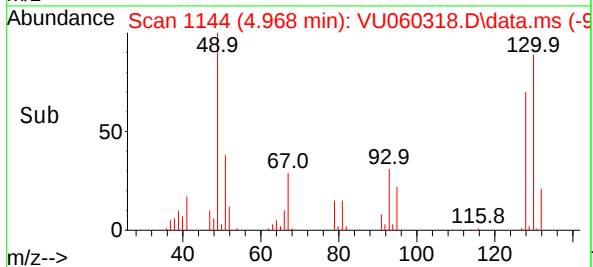
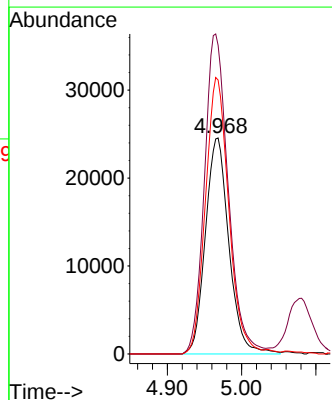
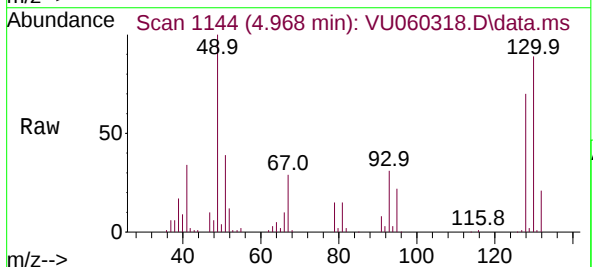
Instrument :
MSVOA_U
ClientSampleId :

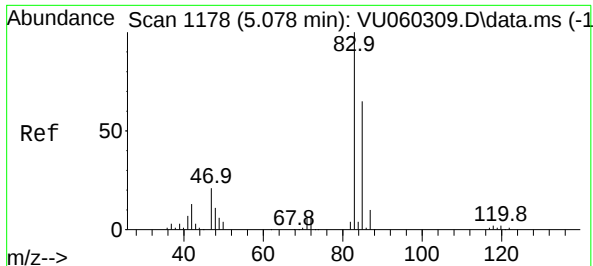
Tgt Ion: 73 Resp: 220527
Ion Ratio Lower Upper
73 100
43 16.8 14.1 21.1



#26
Bromochloromethane
Concen: 9.674 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. 0.003 min
Lab File: VU060318.D
Acq: 05 Aug 2024 19:46

Tgt Ion: 128 Resp: 53954
Ion Ratio Lower Upper
128 100
49 149.8 0.0 340.8
130 127.1 102.1 153.1

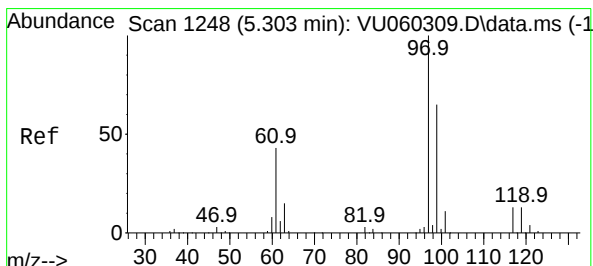
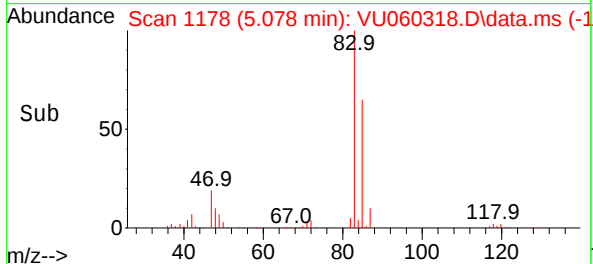
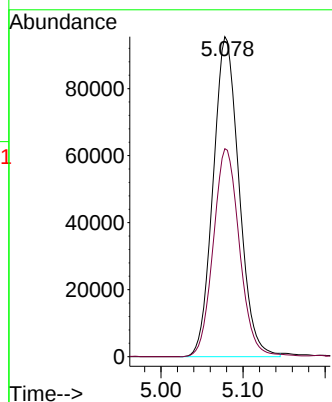
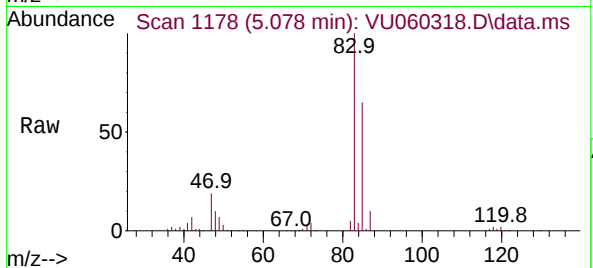




#27
Chloroform
Concen: 9.076 ug/l
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU060318.D
Acq: 05 Aug 2024 19:46

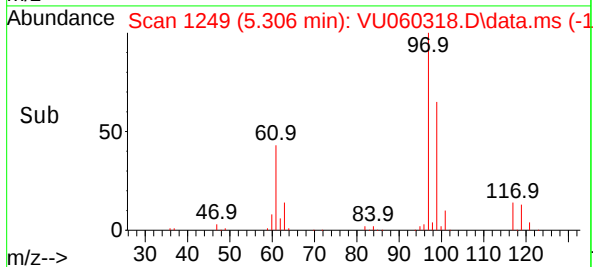
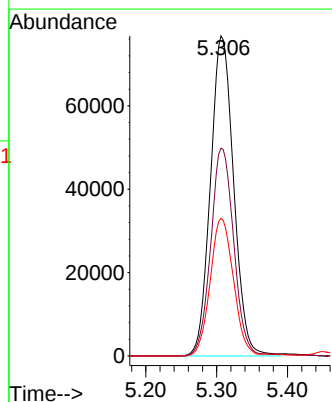
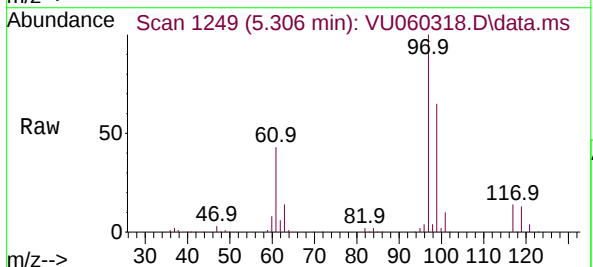
Instrument :
MSVOA_U
ClientSampleId :

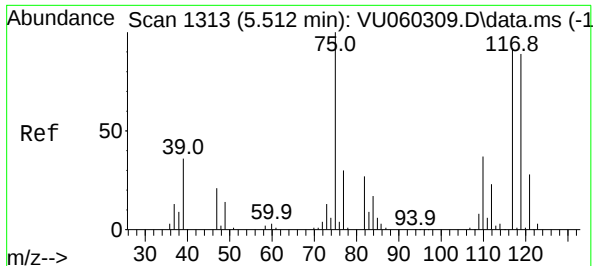
Tgt Ion: 83 Resp: 209940
Ion Ratio Lower Upper
83 100
85 65.0 0.0 131.0



#28
1,1,1-Trichloroethane
Concen: 9.099 ug/l
RT: 5.306 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VU060318.D
Acq: 05 Aug 2024 19:46

Tgt Ion: 97 Resp: 174832
Ion Ratio Lower Upper
97 100
99 64.4 32.8 98.4
61 43.1 22.3 66.9





#29

1,1-Dichloropropene

Concen: 9.614 ug/l

RT: 5.518 min Scan# 1315

Delta R.T. 0.006 min

Lab File: VU060318.D

Acq: 05 Aug 2024 19:46

Instrument :

MSVOA_U

ClientSampleId :

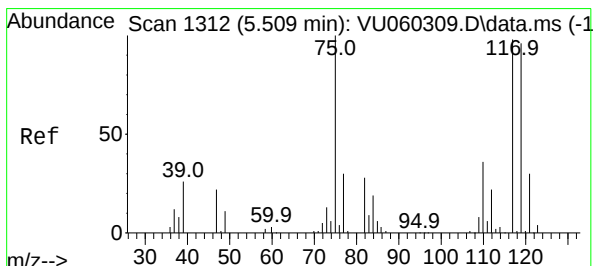
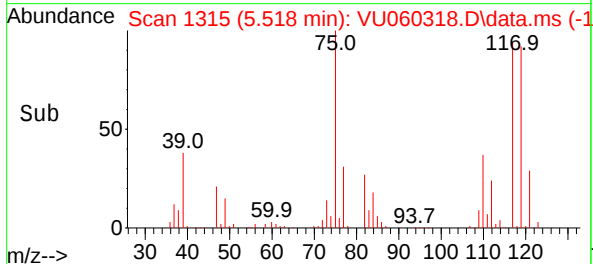
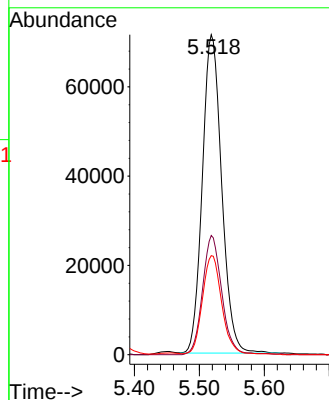
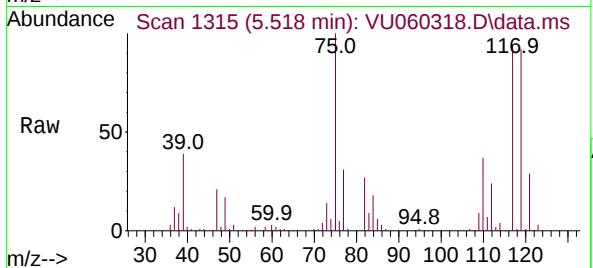
Tgt Ion: 75 Resp: 148018

Ion Ratio Lower Upper

75 100

110 37.1 18.4 55.2

77 30.3 24.8 37.2



#30

Carbon Tetrachloride

Concen: 9.551 ug/l

RT: 5.518 min Scan# 1315

Delta R.T. 0.010 min

Lab File: VU060318.D

Acq: 05 Aug 2024 19:46

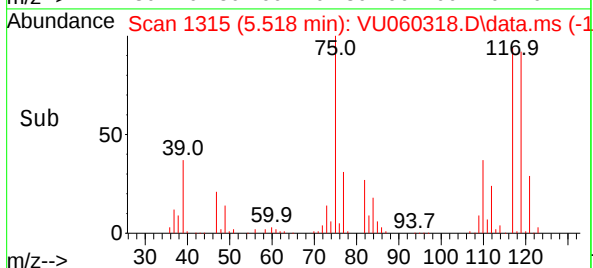
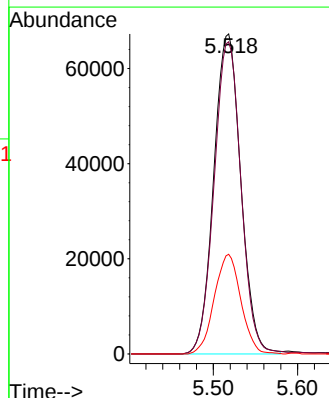
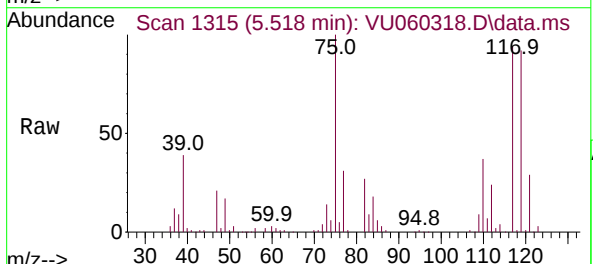
Tgt Ion: 117 Resp: 149550

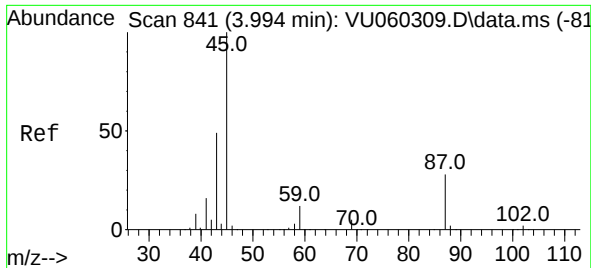
Ion Ratio Lower Upper

117 100

119 97.6 77.8 116.6

121 31.2 24.2 36.2

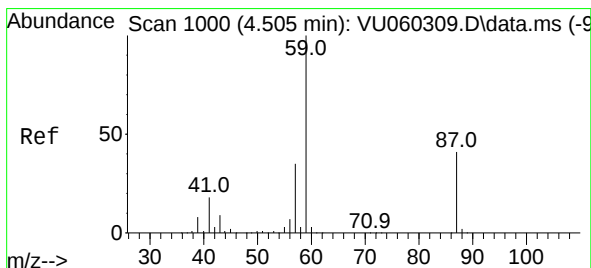
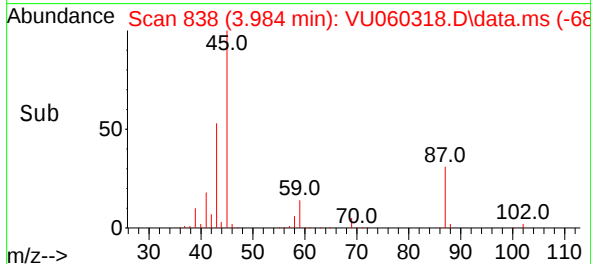
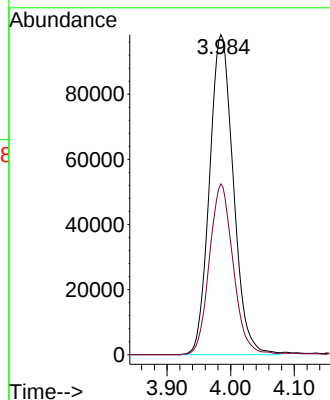
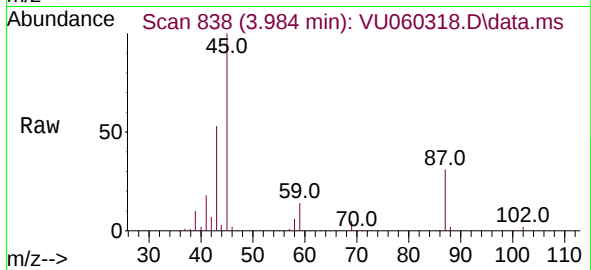




#31
Isopropyl Ether
Concen: 7.411 ug/l
RT: 3.984 min Scan# 841
Delta R.T. -0.010 min
Lab File: VU060318.D
Acq: 05 Aug 2024 19:46

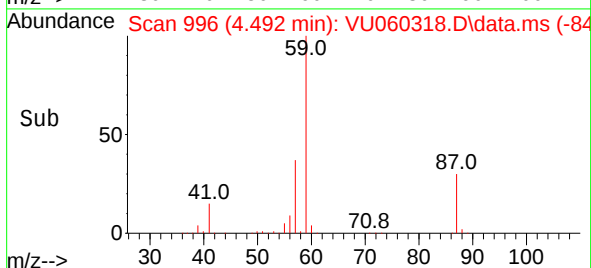
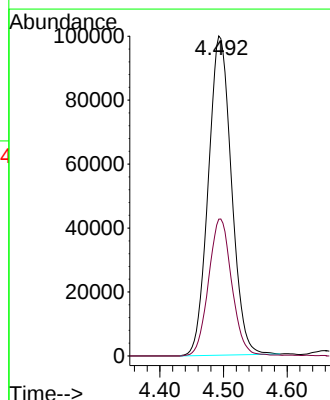
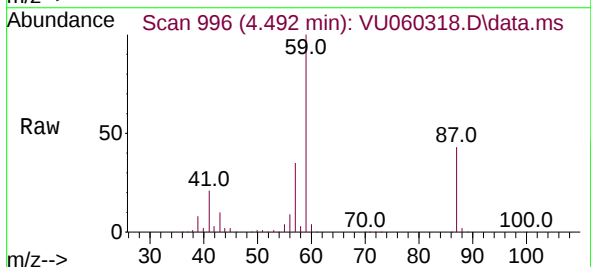
Instrument :
MSVOA_U
ClientSampleId :

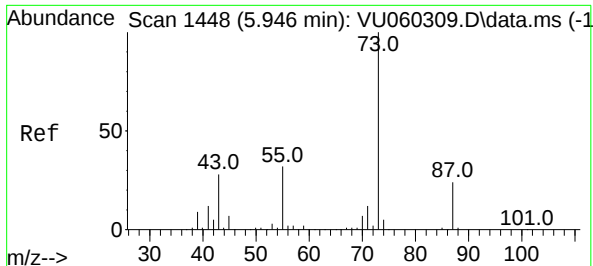
Tgt Ion: 45 Resp: 256112
Ion Ratio Lower Upper
45 100
43 53.1 24.7 74.1



#32
Ethyl-t-butyl ether
Concen: 7.565 ug/l
RT: 4.492 min Scan# 996
Delta R.T. -0.013 min
Lab File: VU060318.D
Acq: 05 Aug 2024 19:46

Tgt Ion: 59 Resp: 252681
Ion Ratio Lower Upper
59 100
87 42.7 32.6 49.0

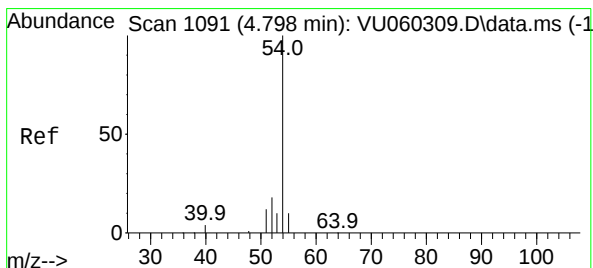
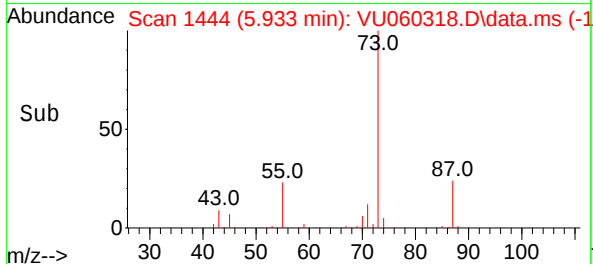
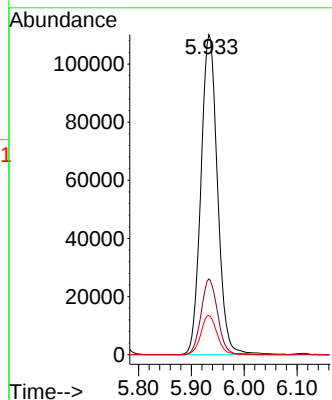
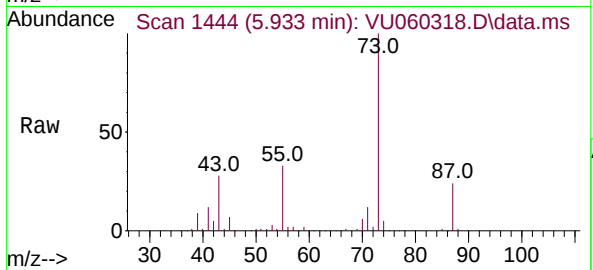




#33
Tert-Amyl methyl ether
Concen: 10.071 ug/l
RT: 5.933 min Scan# 1444
Delta R.T. -0.013 min
Lab File: VU060318.D
Acq: 05 Aug 2024 19:46

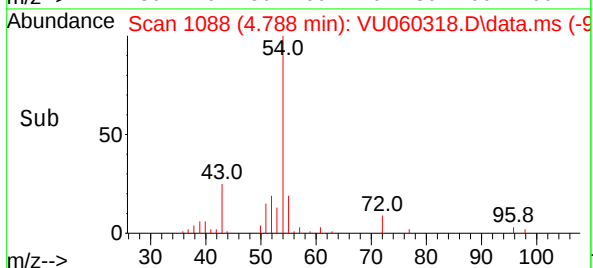
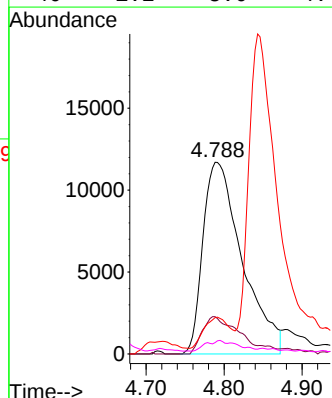
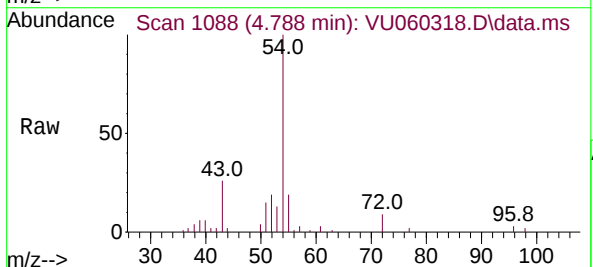
Instrument :
MSVOA_U
ClientSampleId :

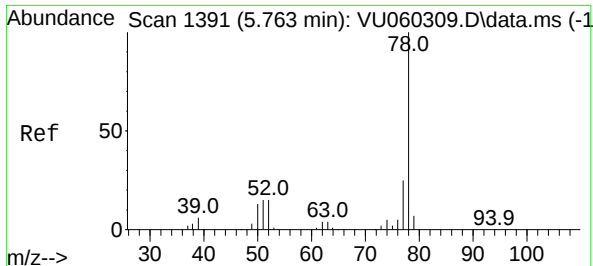
Tgt Ion: 73 Resp: 238765
Ion Ratio Lower Upper
73 100
87 23.3 19.6 29.4
71 12.1 9.5 14.3



#34
Propionitrile
Concen: 34.100 ug/l
RT: 4.788 min Scan# 1088
Delta R.T. -0.010 min
Lab File: VU060318.D
Acq: 05 Aug 2024 19:46

Tgt Ion: 54 Resp: 41002
Ion Ratio Lower Upper
54 100
52 19.1 16.4 24.6
55 12.8 5.2 7.8#
40 1.2 3.0 4.4#





#35

Benzene

Concen: 9.988 ug/l

RT: 5.766 min Scan# 1391

Delta R.T. 0.003 min

Lab File: VU060318.D

Acq: 05 Aug 2024 19:46

Instrument :

MSVOA_U

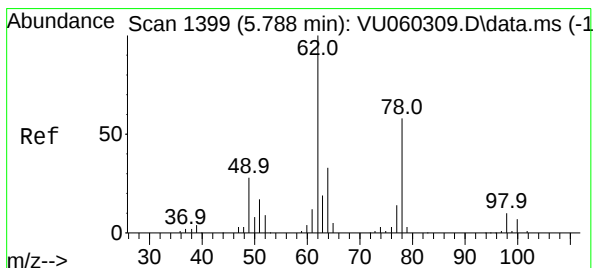
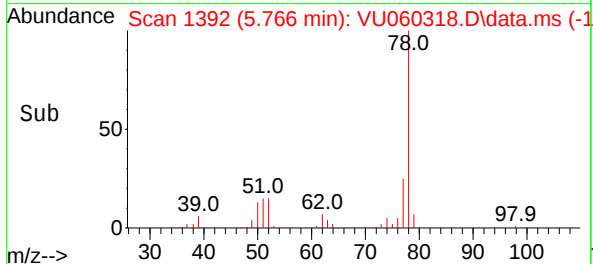
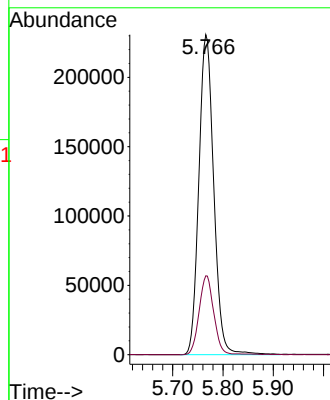
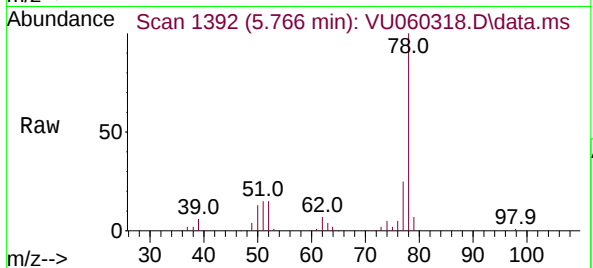
ClientSampleId :

Tgt Ion: 78 Resp: 473871

Ion Ratio Lower Upper

78 100

77 24.7 20.2 30.2



#36

1,2-Dichloroethane

Concen: 9.219 ug/l

RT: 5.785 min Scan# 1398

Delta R.T. -0.003 min

Lab File: VU060318.D

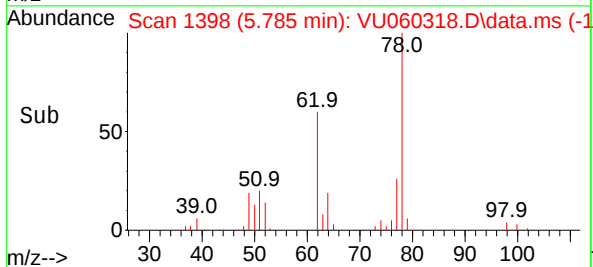
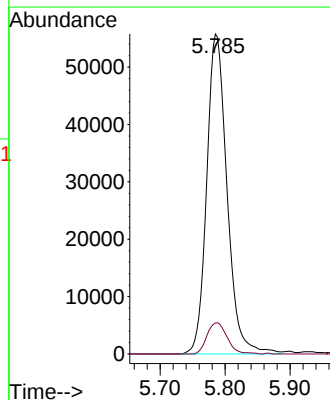
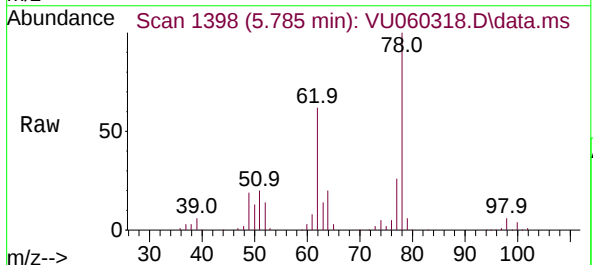
Acq: 05 Aug 2024 19:46

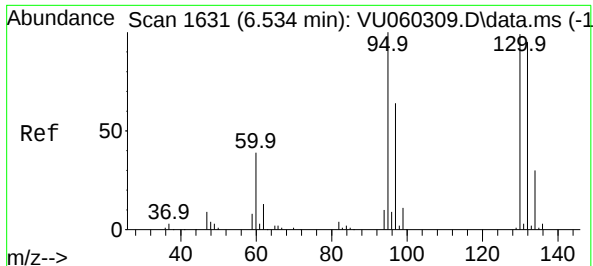
Tgt Ion: 62 Resp: 121547

Ion Ratio Lower Upper

62 100

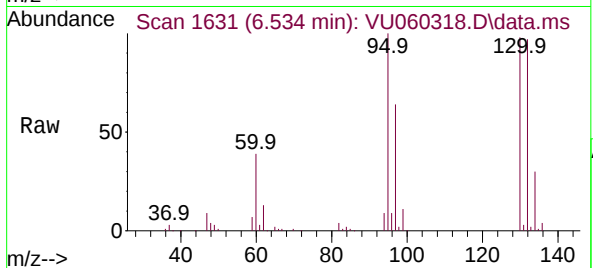
98 9.6 8.1 12.1



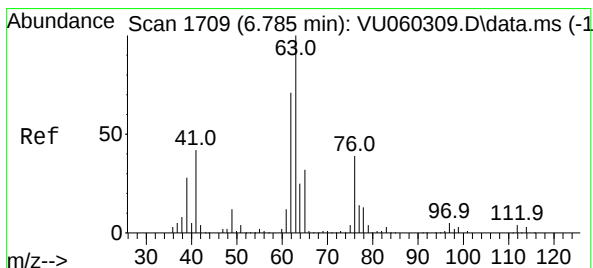
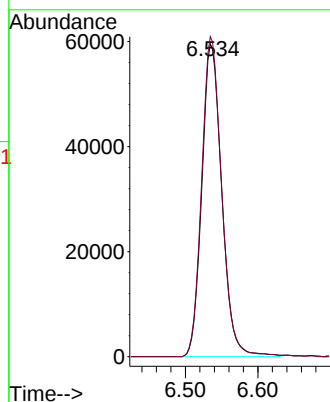
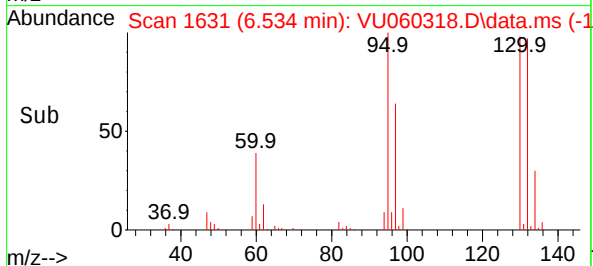


#37
Trichloroethene
Concen: 9.694 ug/l
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU060318.D
Acq: 05 Aug 2024 19:46

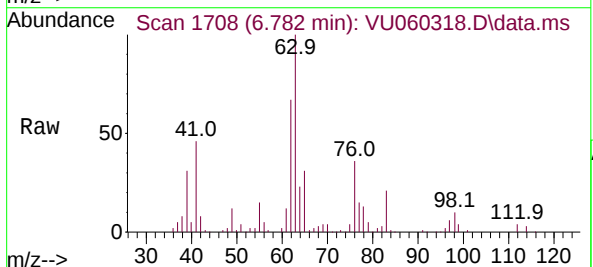
Instrument :
MSVOA_U
ClientSampleId :



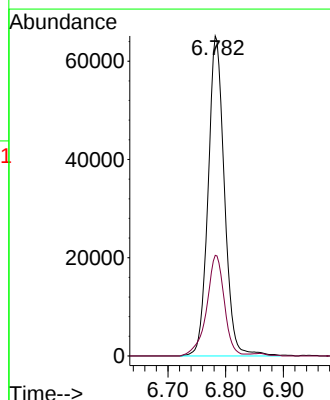
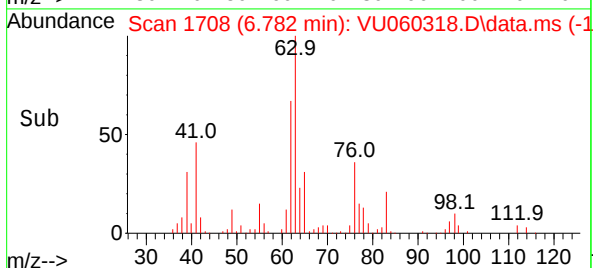
Tgt Ion:130 Resp: 113857
Ion Ratio Lower Upper
130 100
95 102.3 80.6 121.0

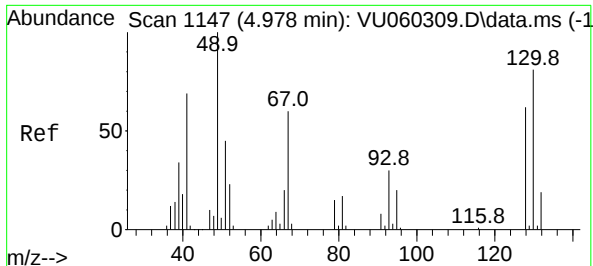


#38
1,2-Dichloropropane
Concen: 9.937 ug/l
RT: 6.782 min Scan# 1708
Delta R.T. -0.003 min
Lab File: VU060318.D
Acq: 05 Aug 2024 19:46



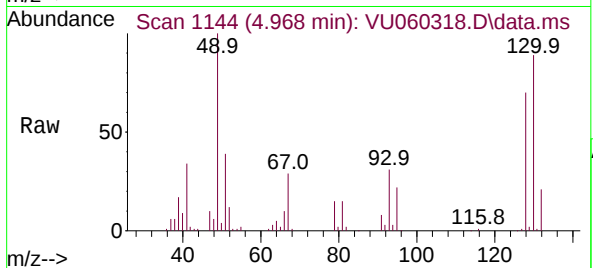
Tgt Ion: 63 Resp: 127524
Ion Ratio Lower Upper
63 100
65 31.5 25.6 38.4





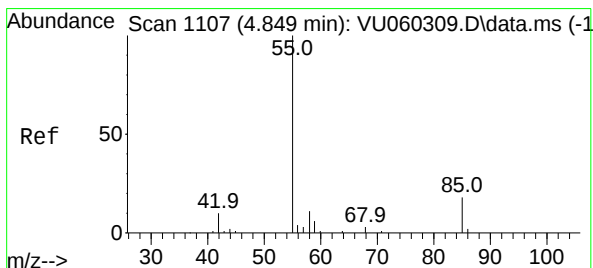
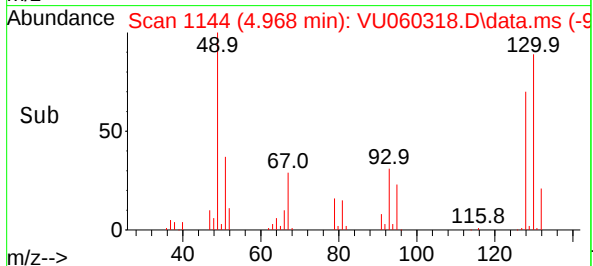
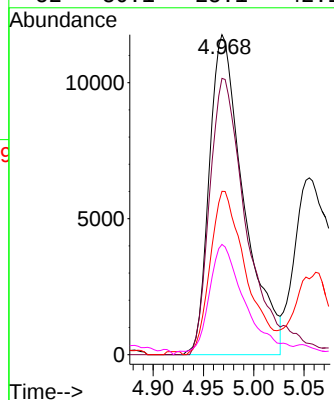
#39
Methacrylonitrile
Concen: 6.474 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. -0.010 min
Lab File: VU060318.D
Acq: 05 Aug 2024 19:46

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 41 Resp: 28172

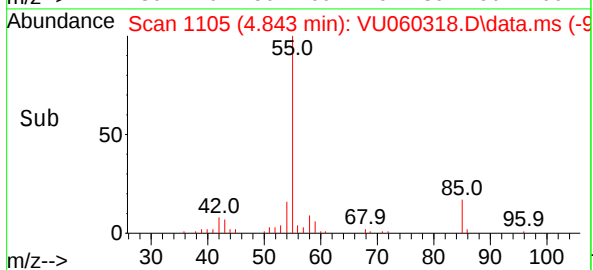
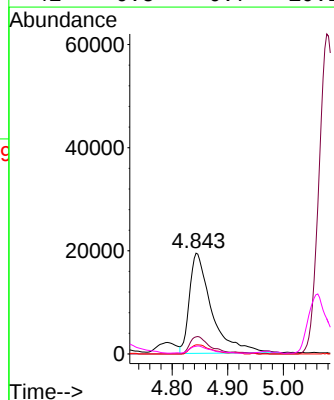
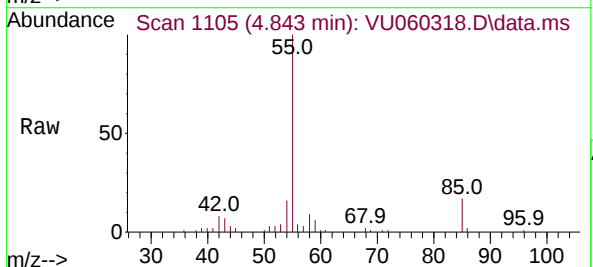
Ion	Ratio	Lower	Upper
41	100		
67	94.9	67.4	101.0
39	53.0	41.7	62.5
52	36.1	28.1	42.1

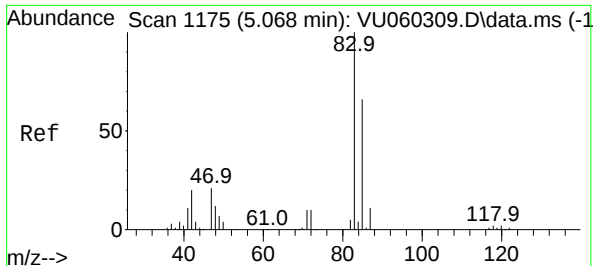


#40
Methyl acrylate
Concen: 7.048 ug/l
RT: 4.843 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VU060318.D
Acq: 05 Aug 2024 19:46

Tgt Ion: 55 Resp: 53709

Ion	Ratio	Lower	Upper
55	100		
85	15.5	13.6	20.4
58	8.4	7.6	11.4
42	6.5	6.7	10.1





#41

Tetrahydrofuran

Concen: 12.886 ug/l

RT: 5.062 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VU060318.D

Acq: 05 Aug 2024 19:46

Instrument :

MSVOA_U

ClientSampleId :

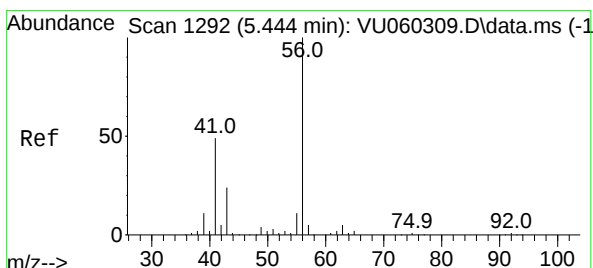
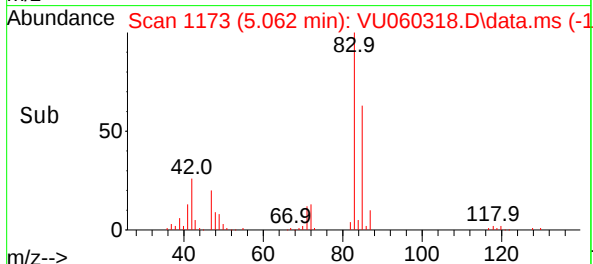
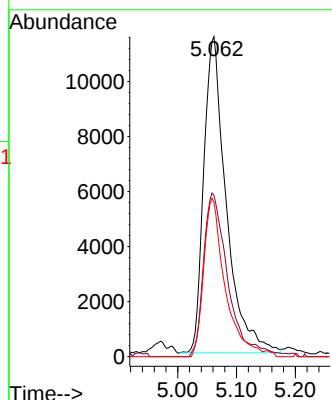
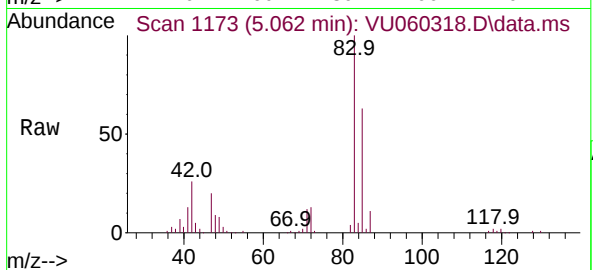
Tgt Ion: 42 Resp: 30535

Ion Ratio Lower Upper

42 100

72 56.1 40.6 60.8

71 47.3 38.0 57.0



#42

1-Chlorobutane

Concen: 9.734 ug/l

RT: 5.451 min Scan# 1294

Delta R.T. 0.006 min

Lab File: VU060318.D

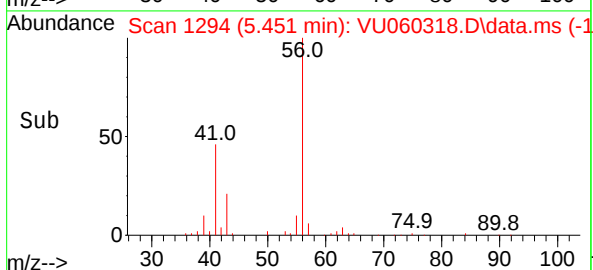
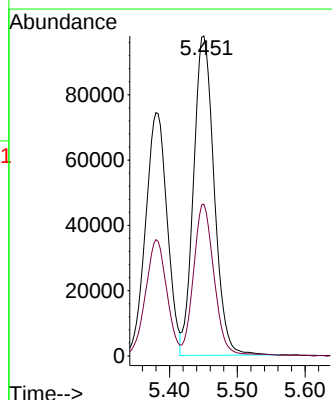
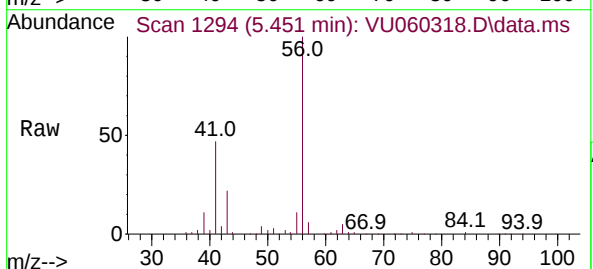
Acq: 05 Aug 2024 19:46

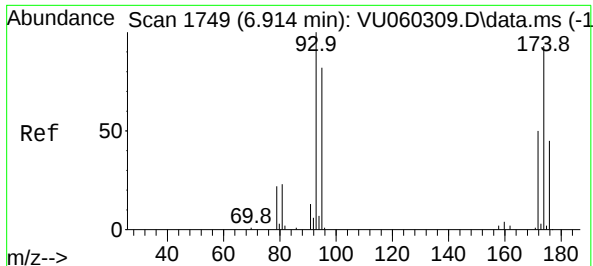
Tgt Ion: 56 Resp: 206625

Ion Ratio Lower Upper

56 100

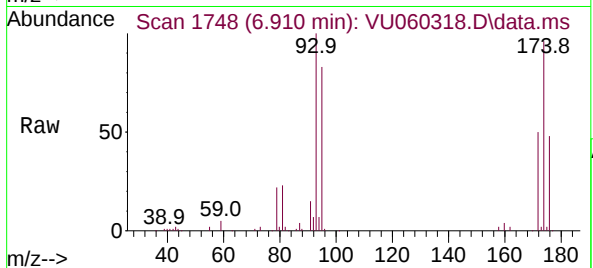
41 47.3 23.8 71.5



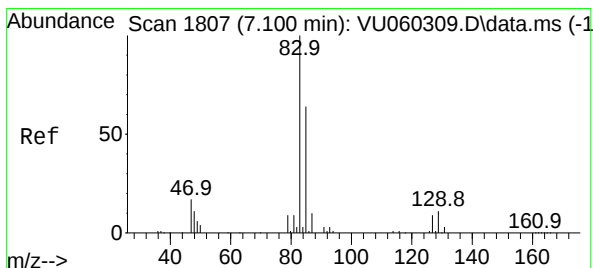
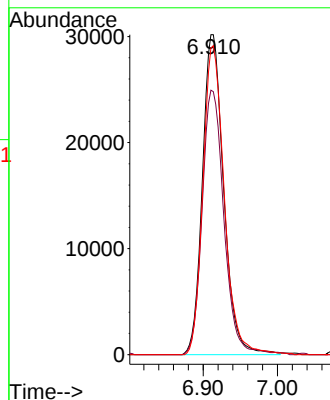
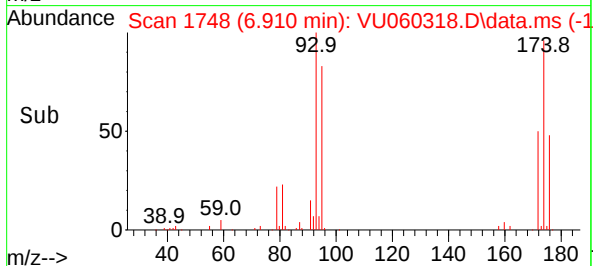


#43
Dibromomethane
Concen: 9.248 ug/l
RT: 6.910 min Scan# 1748
Delta R.T. -0.003 min
Lab File: VU060318.D
Acq: 05 Aug 2024 19:46

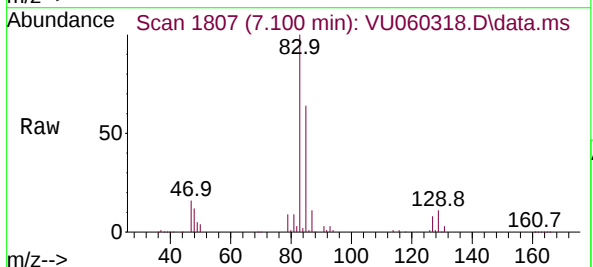
Instrument :
MSVOA_U
ClientSampleId :



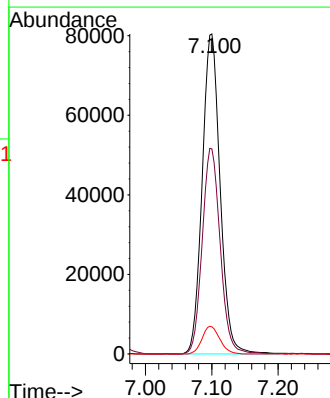
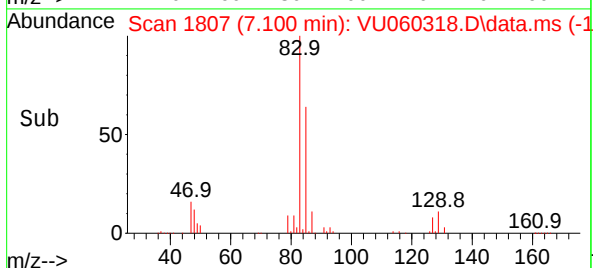
Tgt Ion: 93 Resp: 60038
Ion Ratio Lower Upper
93 100
95 84.2 66.4 99.6
174 97.0 75.2 112.8

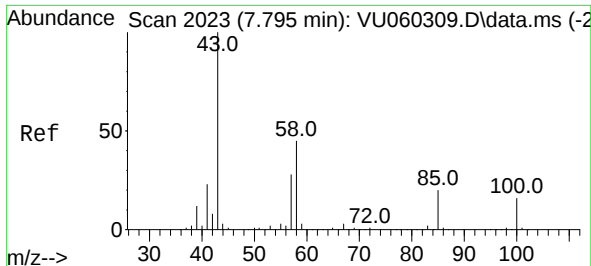


#44
Bromodichloromethane
Concen: 9.685 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU060318.D
Acq: 05 Aug 2024 19:46



Tgt Ion: 83 Resp: 150964
Ion Ratio Lower Upper
83 100
85 64.1 51.3 76.9
127 8.5 6.8 10.2

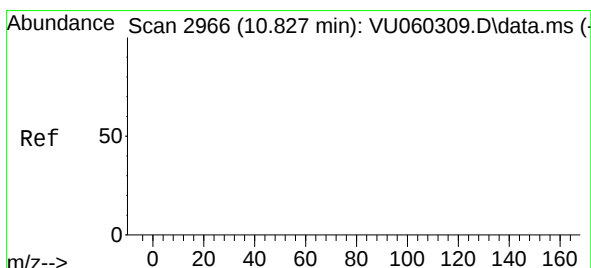
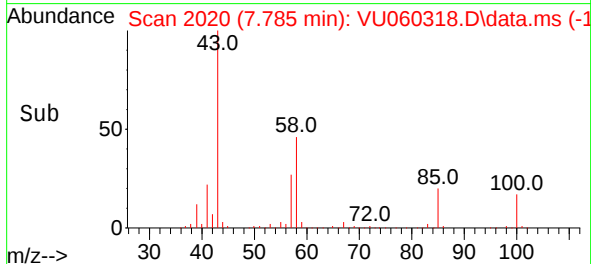
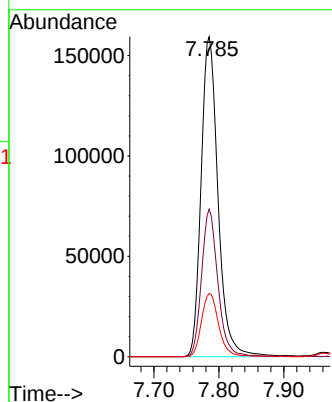
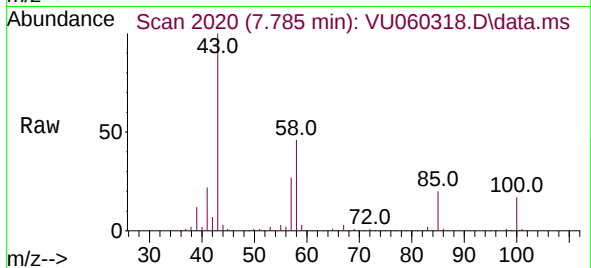




#45
4-Methyl-2-Pentanone
Concen: 47.409 ug/l
RT: 7.785 min Scan# 2020
Delta R.T. -0.010 min
Lab File: VU060318.D
Acq: 05 Aug 2024 19:46

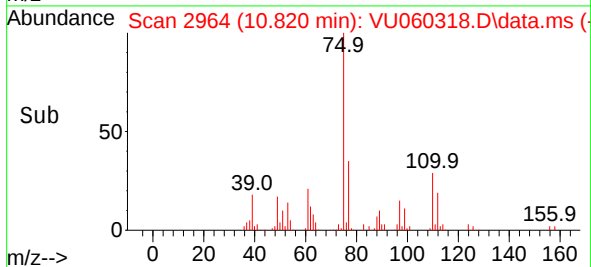
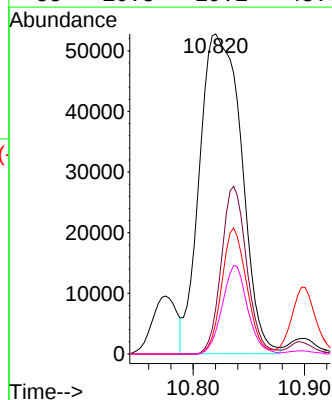
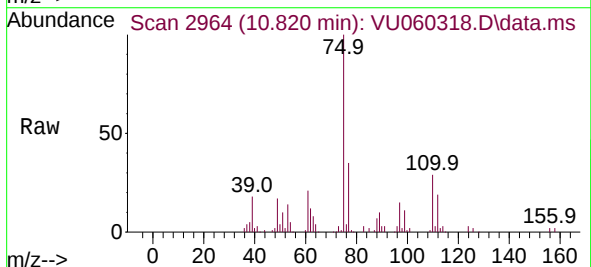
Instrument :
MSVOA_U
ClientSampleId :

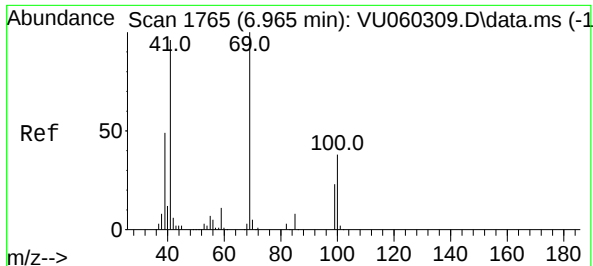
Tgt Ion:	43	Resp:	289009
Ion	Ratio	Lower	Upper
43	100		
58	44.3	22.3	66.9
85	20.1	16.0	24.0



#46
t-1,4-Dichloro-2-butene
Concen: 40.292 ug/l
RT: 10.820 min Scan# 2964
Delta R.T. -0.006 min
Lab File: VU060318.D
Acq: 05 Aug 2024 19:46

Tgt Ion:	75	Resp:	137637
Ion	Ratio	Lower	Upper
75	100		
53	32.0	57.2	85.8#
89	23.6	40.4	60.6#
88	16.8	29.1	43.7#





#47

Methyl methacrylate

Concen: 20.392 ug/l

RT: 6.955 min Scan# 1

Delta R.T. -0.010 min

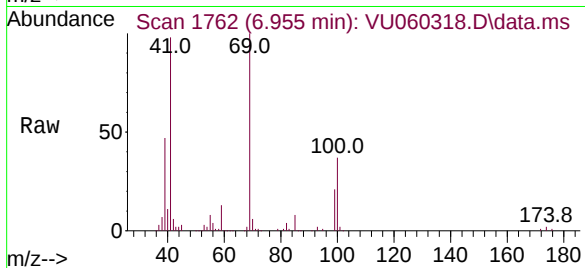
Lab File: VU060318.D

Acq: 05 Aug 2024 19:46

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 69 Resp: 107428

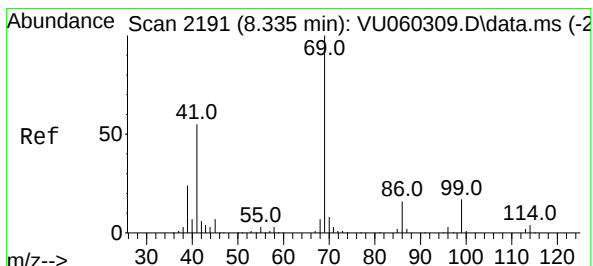
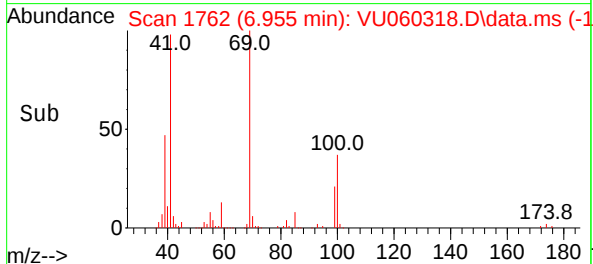
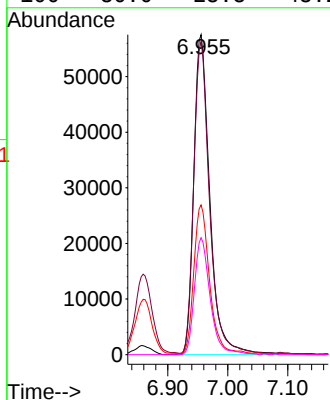
Ion Ratio Lower Upper

69 100

41 95.5 0.0 194.0

39 45.1 38.0 57.0

100 36.0 28.8 43.2



#48

Ethyl methacrylate

Concen: 10.587 ug/l

RT: 8.328 min Scan# 2189

Delta R.T. -0.006 min

Lab File: VU060318.D

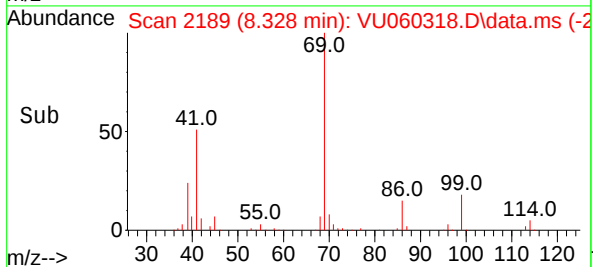
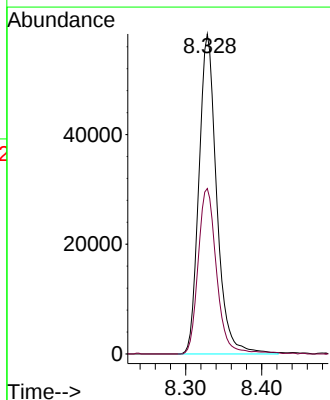
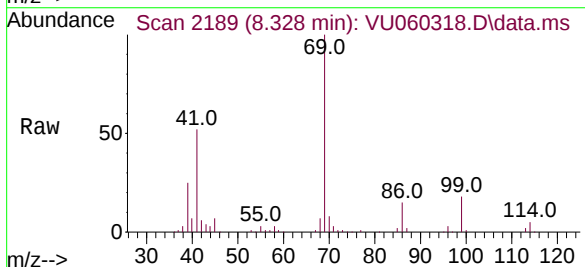
Acq: 05 Aug 2024 19:46

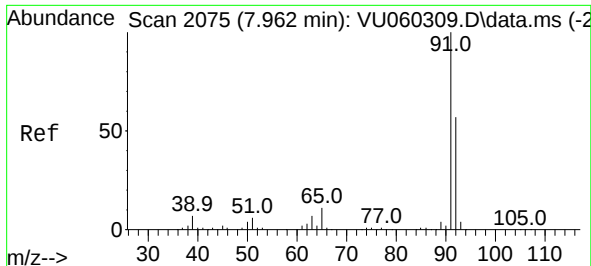
Tgt Ion: 69 Resp: 94695

Ion Ratio Lower Upper

69 100

41 53.6 27.5 82.5





#49

Toluene

Concen: 10.903 ug/l

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU060318.D

Acq: 05 Aug 2024 19:46

Instrument :

MSVOA_U

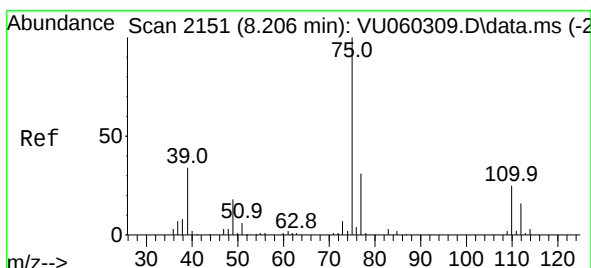
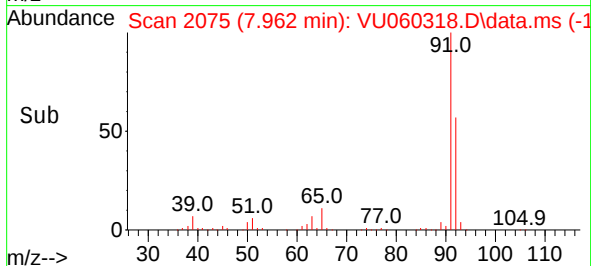
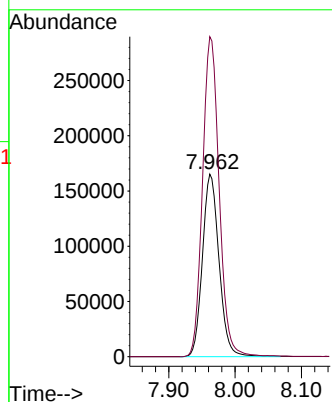
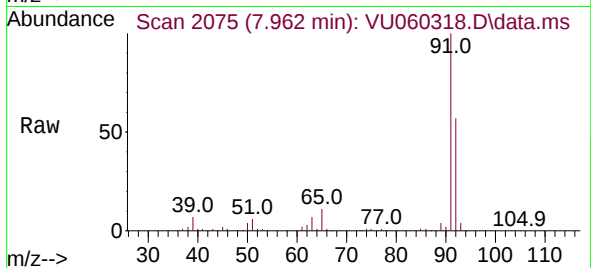
ClientSampleId :

Tgt Ion: 92 Resp: 286811

Ion Ratio Lower Upper

92 100

91 175.4 141.0 211.4



#50

t-1,3-Dichloropropene

Concen: 9.972 ug/l

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU060318.D

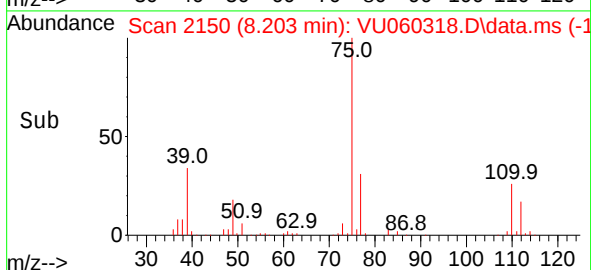
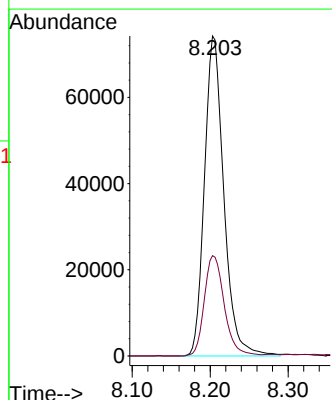
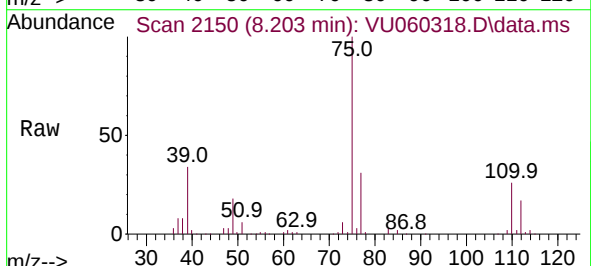
Acq: 05 Aug 2024 19:46

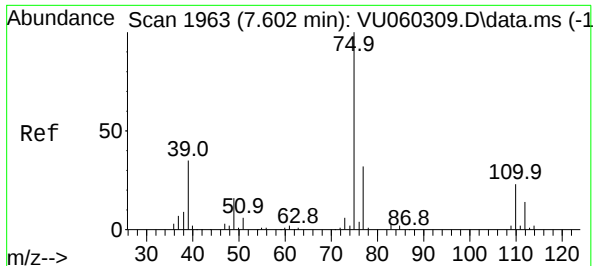
Tgt Ion: 75 Resp: 128327

Ion Ratio Lower Upper

75 100

77 31.4 24.6 37.0





#51

cis-1,3-Dichloropropene

Concen: 9.998 ug/l

RT: 7.602 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VU060318.D

Acq: 05 Aug 2024 19:46

Instrument :

MSVOA_U

ClientSampleId :

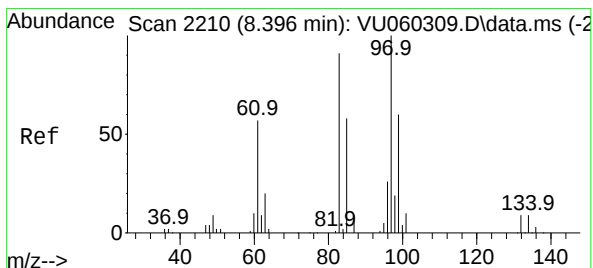
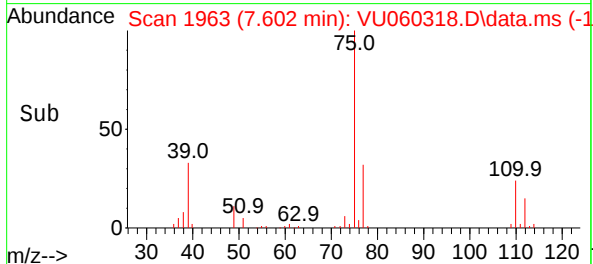
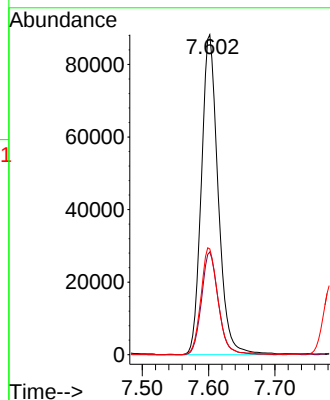
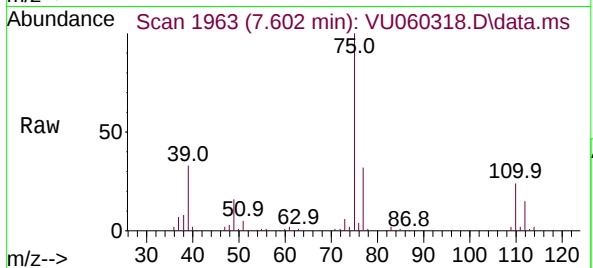
Tgt Ion: 75 Resp: 154781

Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.0

39 33.1 28.0 42.0



#52

1,1,2-Trichloroethane

Concen: 9.224 ug/l

RT: 8.393 min Scan# 2209

Delta R.T. -0.003 min

Lab File: VU060318.D

Acq: 05 Aug 2024 19:46

Tgt Ion: 97 Resp: 87912

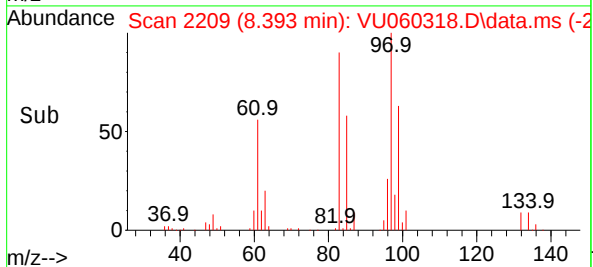
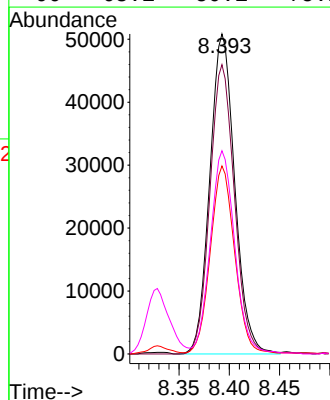
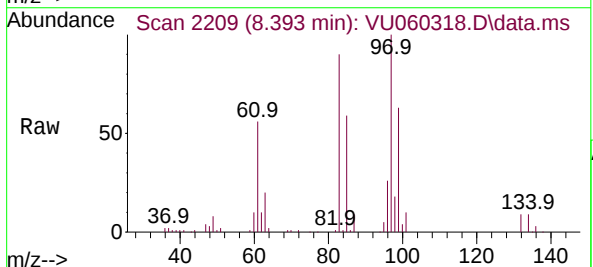
Ion Ratio Lower Upper

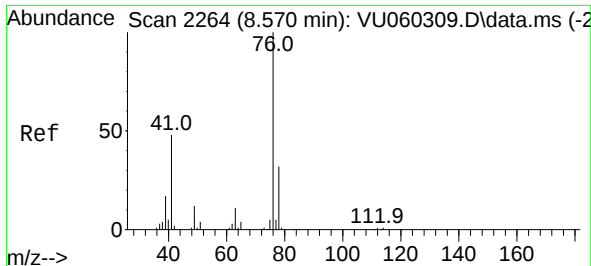
97 100

83 90.4 73.0 109.4

85 58.4 46.2 69.4

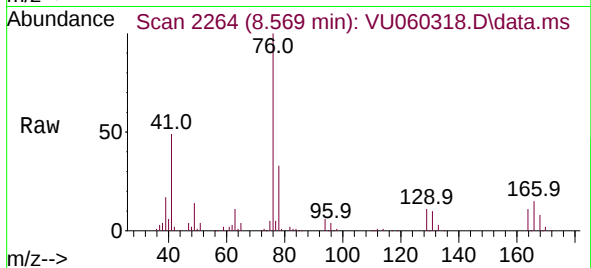
99 63.1 50.1 75.1



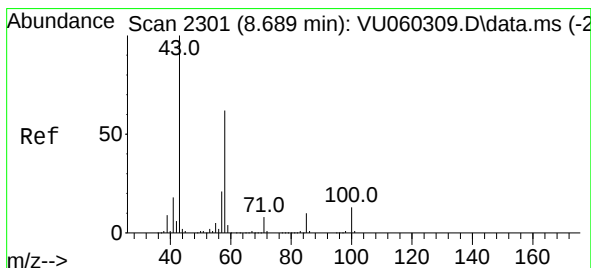
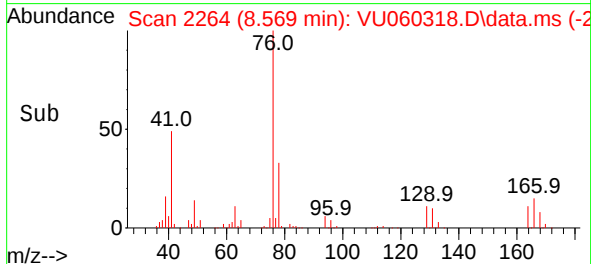
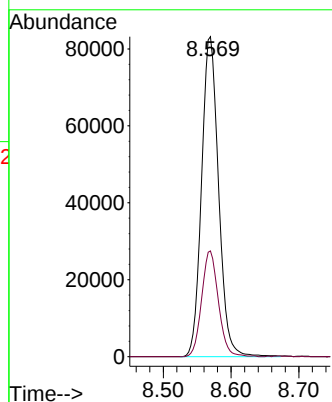


#53
1,3-Dichloropropane
Concen: 9.538 ug/l
RT: 8.569 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU060318.D
Acq: 05 Aug 2024 19:46

Instrument :
MSVOA_U
ClientSampleId :

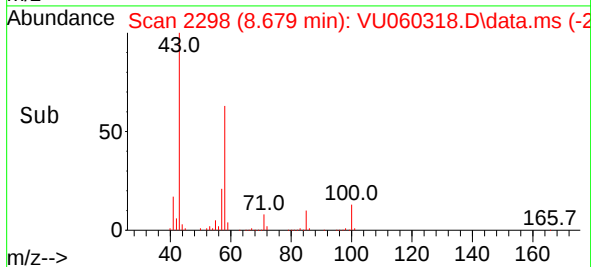
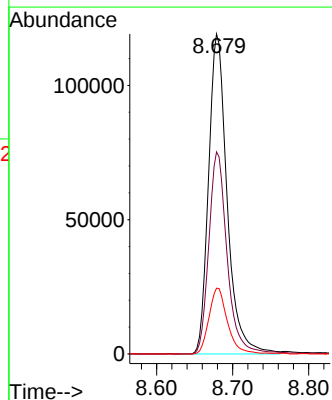
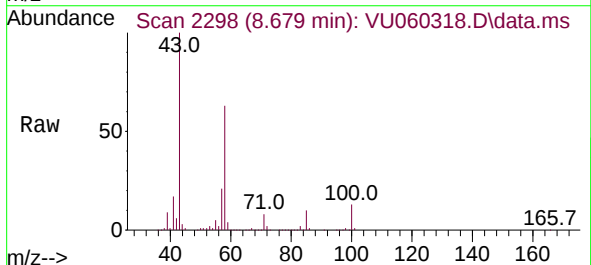


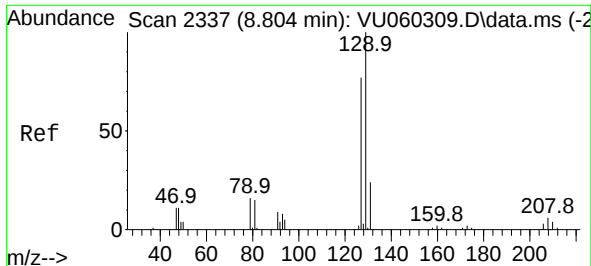
Tgt Ion: 76 Resp: 145039
Ion Ratio Lower Upper
76 100
78 32.4 26.2 39.2



#54
2-Hexanone
Concen: 42.735 ug/l
RT: 8.679 min Scan# 2298
Delta R.T. -0.010 min
Lab File: VU060318.D
Acq: 05 Aug 2024 19:46

Tgt Ion: 43 Resp: 201913
Ion Ratio Lower Upper
43 100
58 62.5 40.1 80.1
57 20.4 0.3 40.3





#55

Dibromochloromethane

Concen: 9.772 ug/l

RT: 8.801 min Scan# 2336

Delta R.T. -0.003 min

Lab File: VU060318.D

Acq: 05 Aug 2024 19:46

Instrument :

MSVOA_U

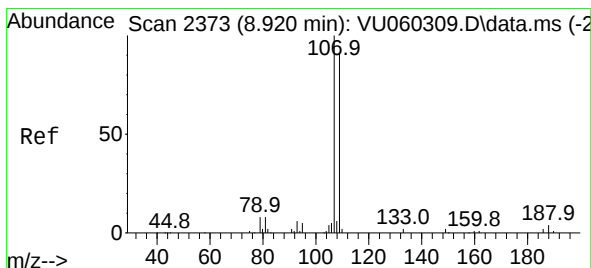
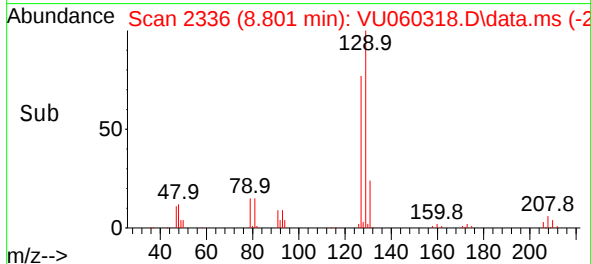
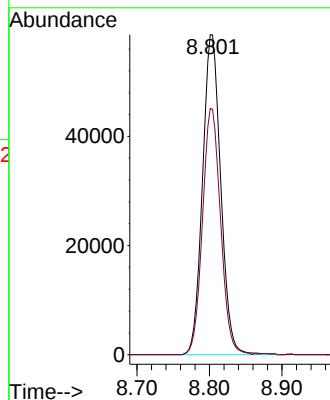
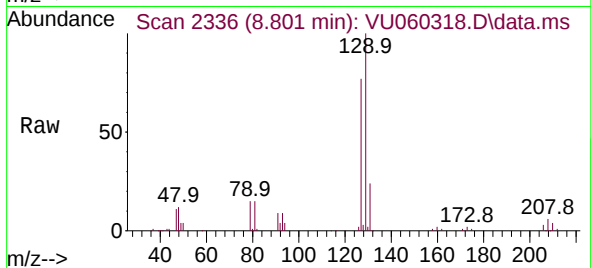
ClientSampleId :

Tgt Ion:129 Resp: 102150

Ion Ratio Lower Upper

129 100

127 76.4 61.6 92.4



#56

1,2-Dibromoethane

Concen: 9.290 ug/l

RT: 8.917 min Scan# 2372

Delta R.T. -0.003 min

Lab File: VU060318.D

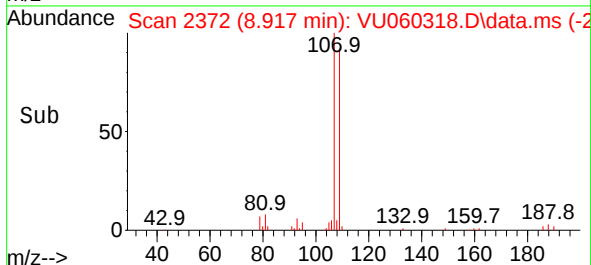
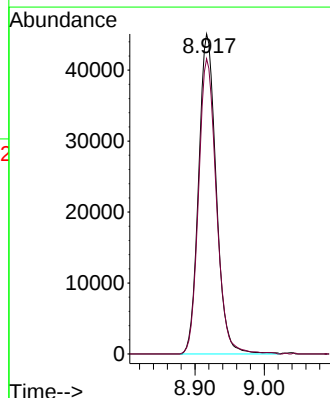
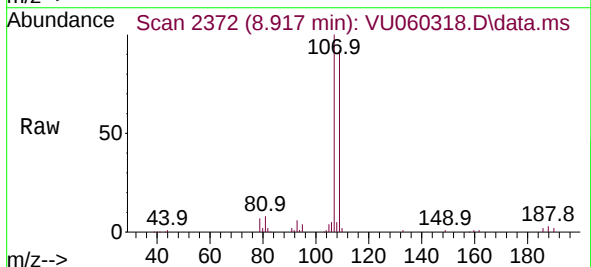
Acq: 05 Aug 2024 19:46

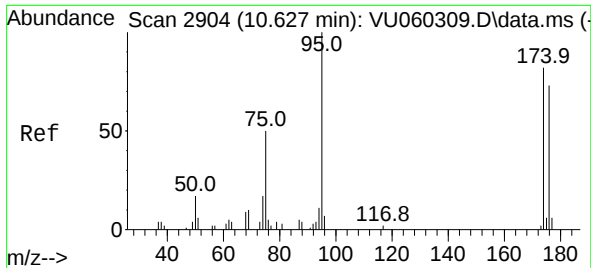
Tgt Ion:107 Resp: 79390

Ion Ratio Lower Upper

107 100

109 93.6 0.0 184.0





#57

4-Bromofluorobenzene

Concen: 1.024 ug/l

RT: 10.627 min Scan# 2904

Delta R.T. -0.000 min

Lab File: VU060318.D

Acq: 05 Aug 2024 19:46

Instrument :

MSVOA_U

ClientSampleId :

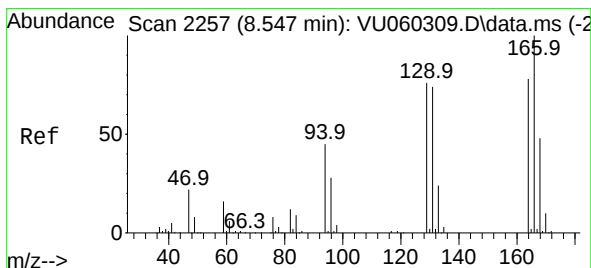
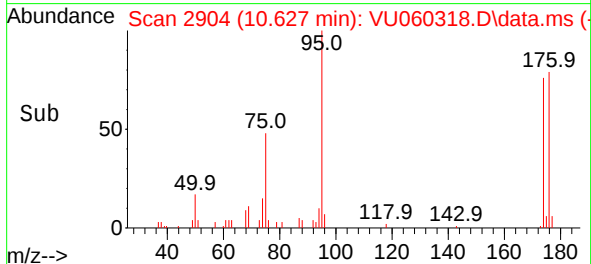
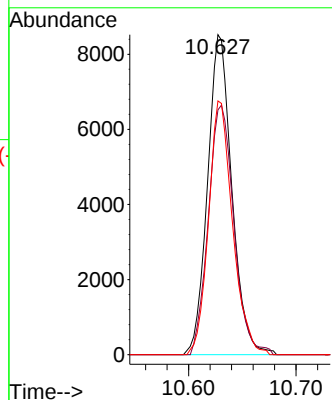
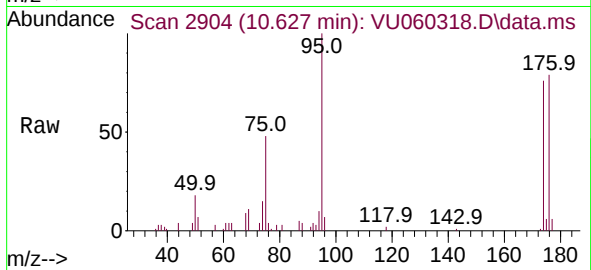
Tgt Ion: 95 Resp: 13395

Ion Ratio Lower Upper

95 100

174 81.7 65.6 98.4

176 78.3 60.4 90.6



#58

Tetrachloroethene

Concen: 10.041 ug/l

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU060318.D

Acq: 05 Aug 2024 19:46

Tgt Ion:164 Resp: 105390

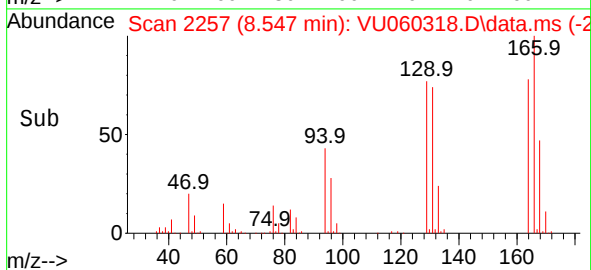
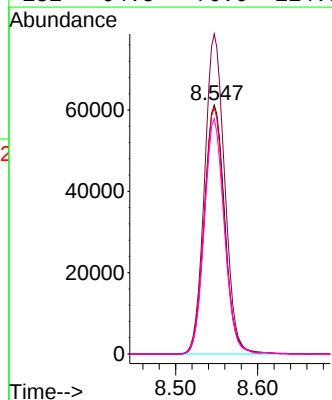
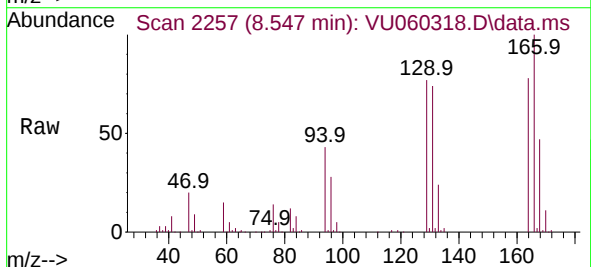
Ion Ratio Lower Upper

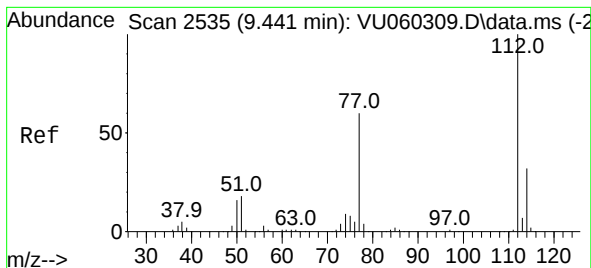
164 100

166 128.5 102.9 154.3

129 98.9 78.0 117.0

131 94.5 76.6 114.8





#59

Chlorobenzene

Concen: 10.448 ug/l

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU060318.D

Acq: 05 Aug 2024 19:46

Instrument :

MSVOA_U

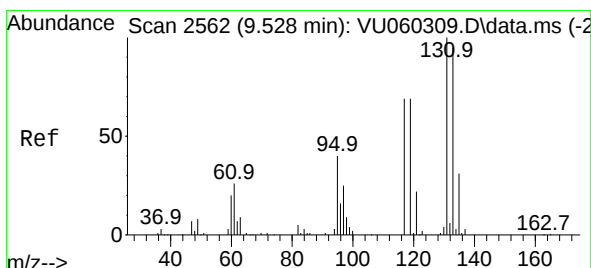
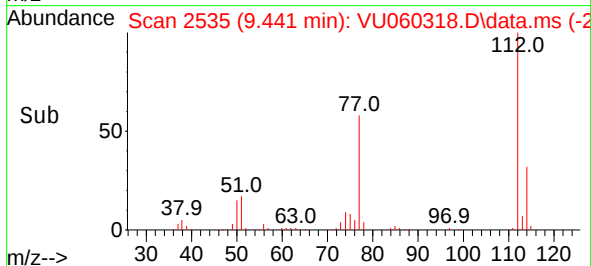
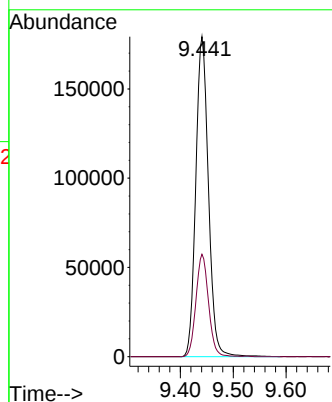
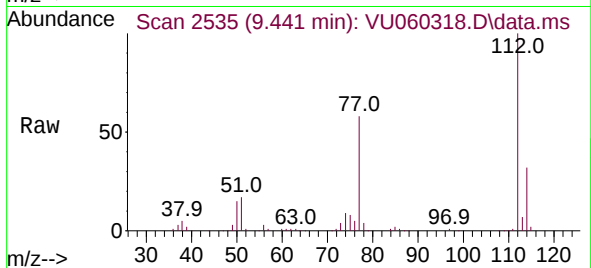
ClientSampleId :

Tgt Ion:112 Resp: 297589

Ion Ratio Lower Upper

112 100

114 32.0 25.3 37.9



#60

1,1,1,2-Tetrachloroethane

Concen: 9.690 ug/l

RT: 9.528 min Scan# 2562

Delta R.T. -0.000 min

Lab File: VU060318.D

Acq: 05 Aug 2024 19:46

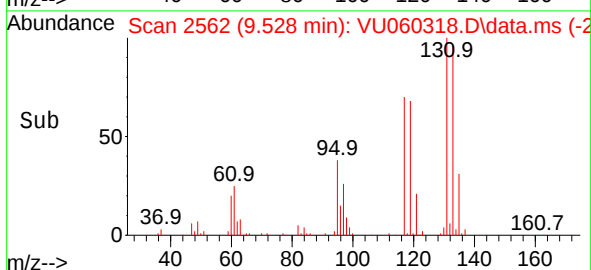
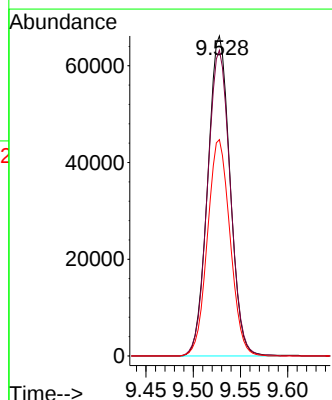
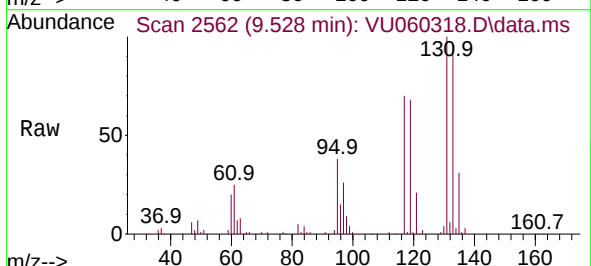
Tgt Ion:131 Resp: 108737

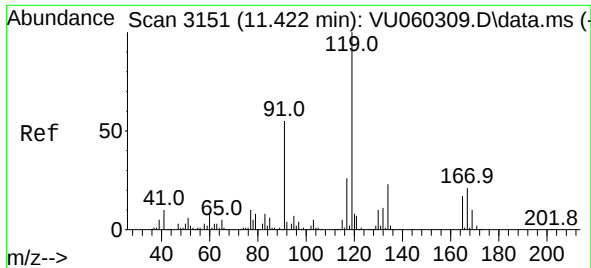
Ion Ratio Lower Upper

131 100

133 97.5 77.2 115.8

119 68.5 55.4 83.2

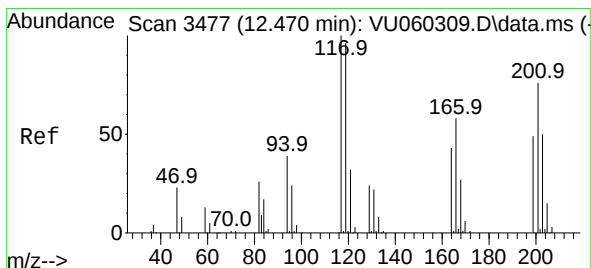
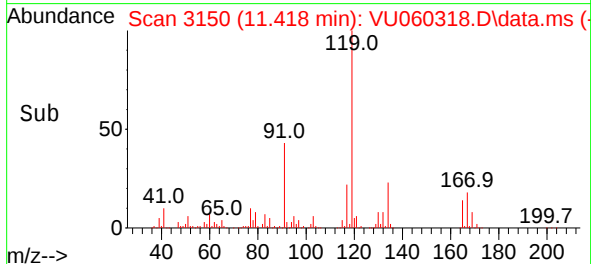
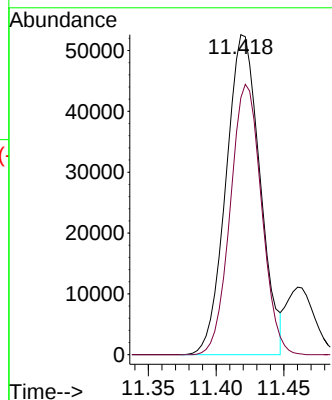
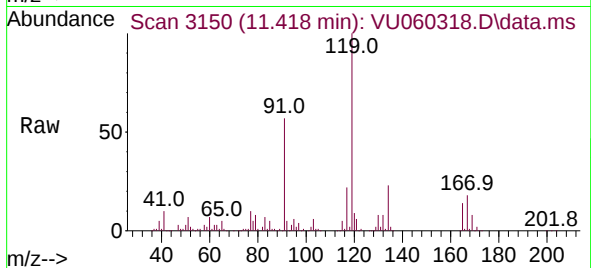




#61
 Pentachloroethane
 Concen: 9.582 ug/l
 RT: 11.418 min Scan# 3150
 Delta R.T. -0.003 min
 Lab File: VU060318.D
 Acq: 05 Aug 2024 19:46

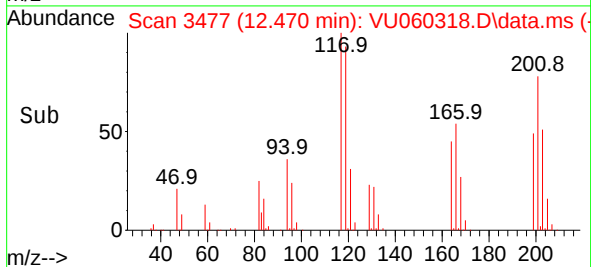
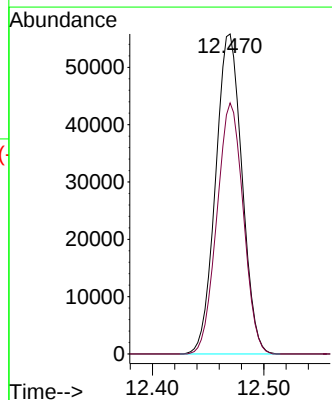
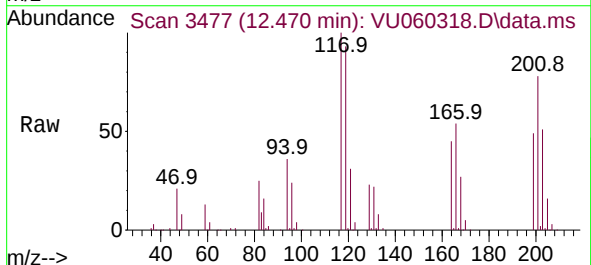
Instrument :
 MSVOA_U
 ClientSampleId :

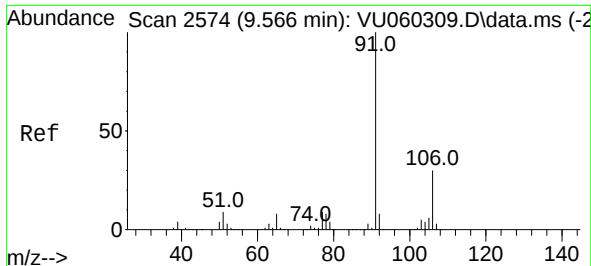
Tgt Ion:117 Resp: 91838
 Ion Ratio Lower Upper
 117 100
 167 77.6 62.2 93.4



#62
 Hexachloroethane
 Concen: 9.936 ug/l
 RT: 12.470 min Scan# 3477
 Delta R.T. -0.000 min
 Lab File: VU060318.D
 Acq: 05 Aug 2024 19:46

Tgt Ion:117 Resp: 92049
 Ion Ratio Lower Upper
 117 100
 201 78.3 62.7 94.1





#63

Ethyl Benzene

Concen: 9.550 ug/l

RT: 9.563 min Scan# 2573

Delta R.T. -0.003 min

Lab File: VU060318.D

Acq: 05 Aug 2024 19:46

Instrument :

MSVOA_U

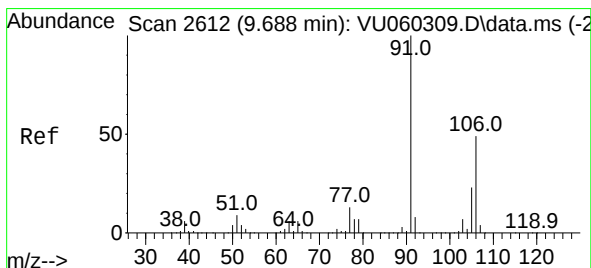
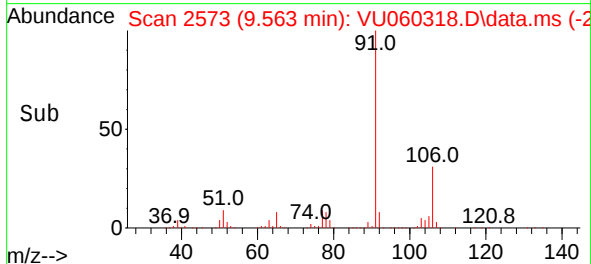
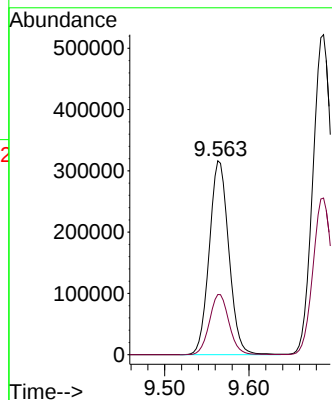
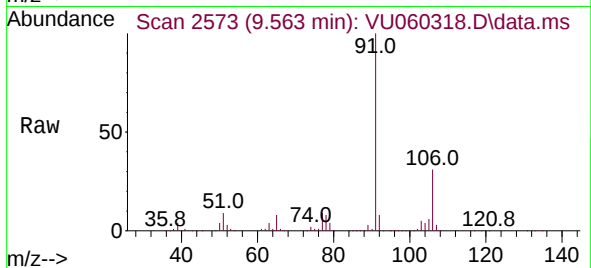
ClientSampleId :

Tgt Ion: 91 Resp: 509832

Ion Ratio Lower Upper

91 100

106 31.1 24.4 36.6



#64

m/p-Xylenes

Concen: 19.011 ug/l

RT: 9.688 min Scan# 2612

Delta R.T. -0.000 min

Lab File: VU060318.D

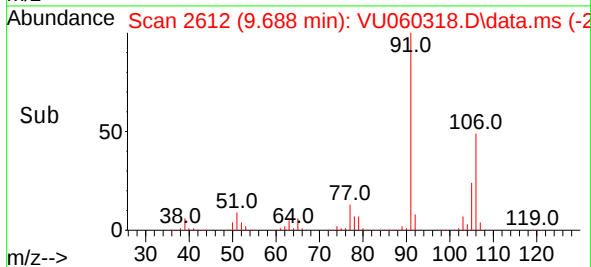
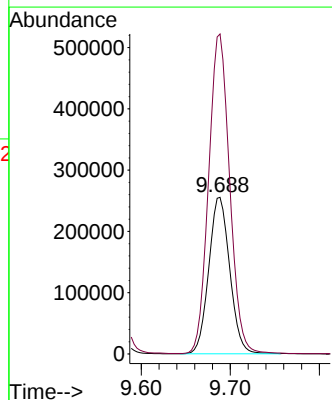
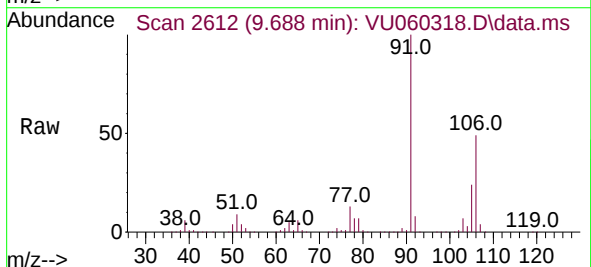
Acq: 05 Aug 2024 19:46

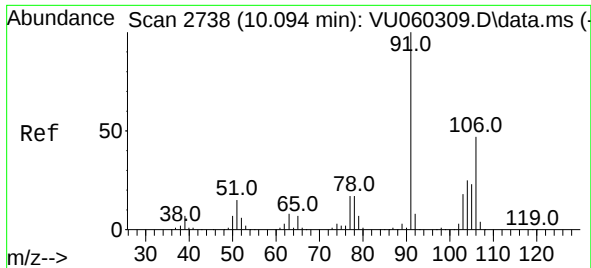
Tgt Ion:106 Resp: 417854

Ion Ratio Lower Upper

106 100

91 205.2 165.0 247.4

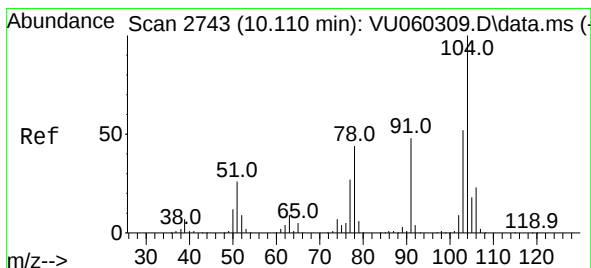
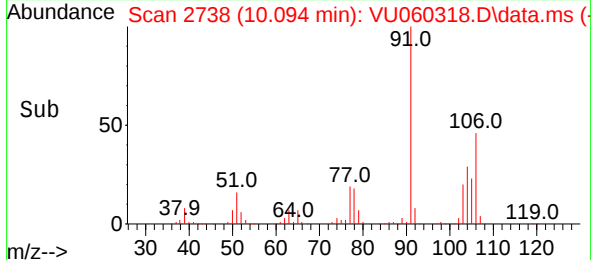
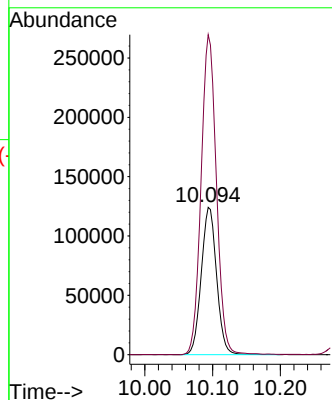
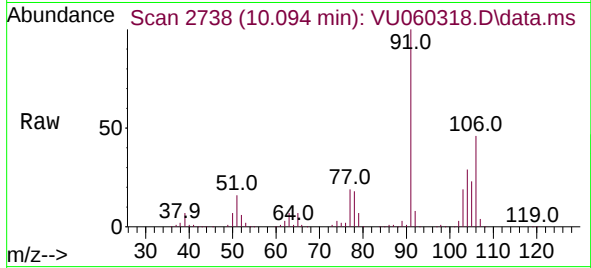




#65
o-Xylene
Concen: 9.380 ug/l
RT: 10.094 min Scan# 2738
Delta R.T. -0.000 min
Lab File: VU060318.D
Acq: 05 Aug 2024 19:46

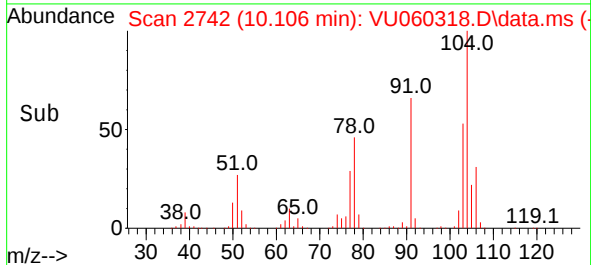
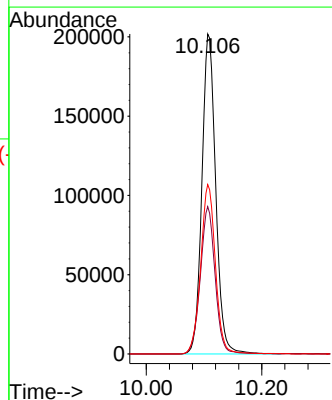
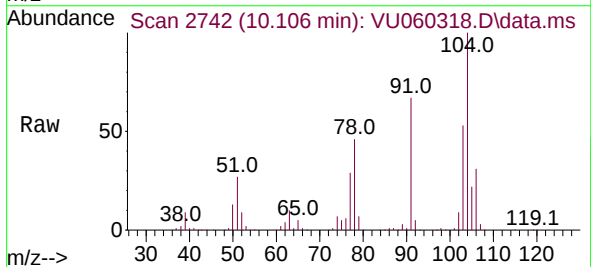
Instrument :
MSVOA_U
ClientSampleId :

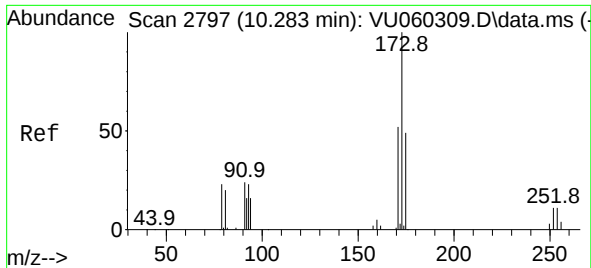
Tgt Ion:106 Resp: 194498
Ion Ratio Lower Upper
106 100
91 217.4 108.8 326.4



#66
Styrene
Concen: 9.421 ug/l
RT: 10.106 min Scan# 2742
Delta R.T. -0.003 min
Lab File: VU060318.D
Acq: 05 Aug 2024 19:46

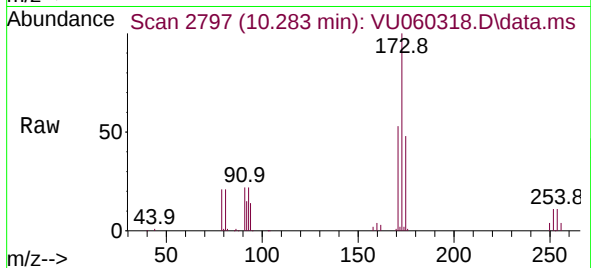
Tgt Ion:104 Resp: 335444
Ion Ratio Lower Upper
104 100
78 49.1 39.0 58.6
103 56.4 45.0 67.6



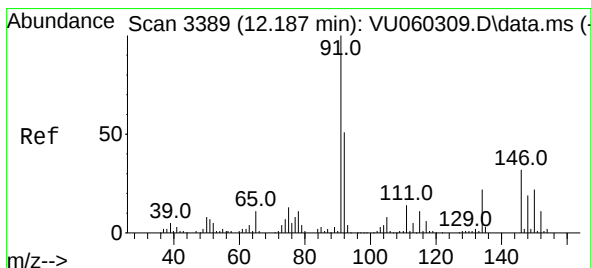
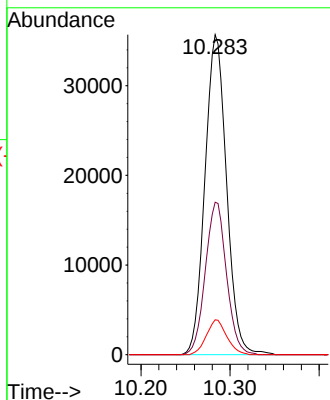
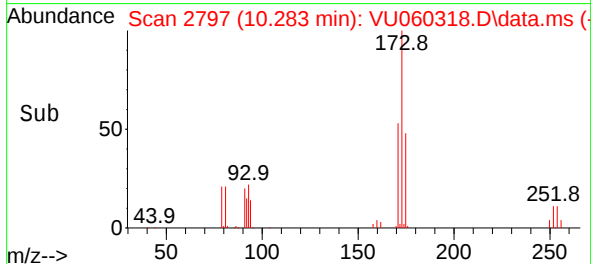


#67
Bromoform
Concen: 9.817 ug/l
RT: 10.283 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU060318.D
Acq: 05 Aug 2024 19:46

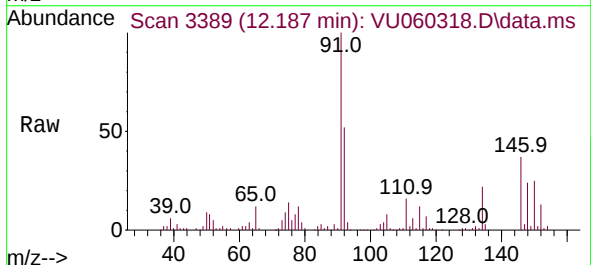
Instrument :
MSVOA_U
ClientSampleId :



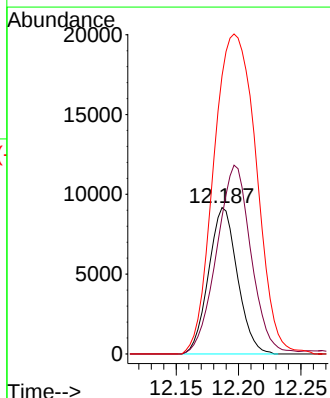
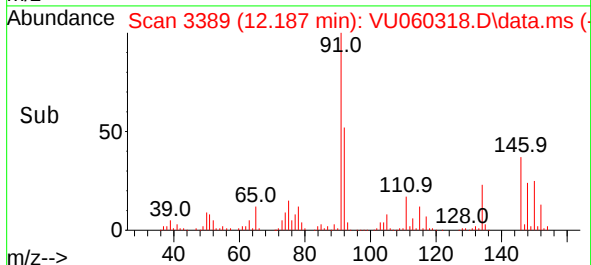
Tgt Ion:173 Resp: 60107
Ion Ratio Lower Upper
173 100
175 46.6 39.7 59.5
254 10.3 8.2 12.4

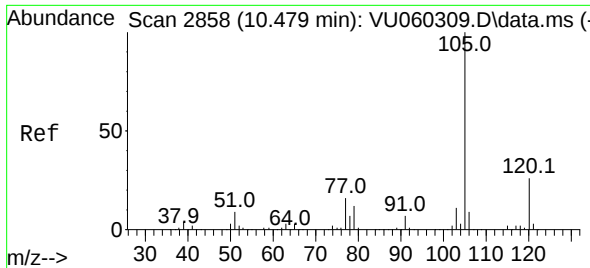


#68
1,2-Dichlorobenzene-d4
Concen: 1.040 ug/l
RT: 12.187 min Scan# 3389
Delta R.T. -0.000 min
Lab File: VU060318.D
Acq: 05 Aug 2024 19:46



Tgt Ion:152 Resp: 14775
Ion Ratio Lower Upper
152 100
115 153.7 0.0 325.2
150 322.4 0.0 684.2

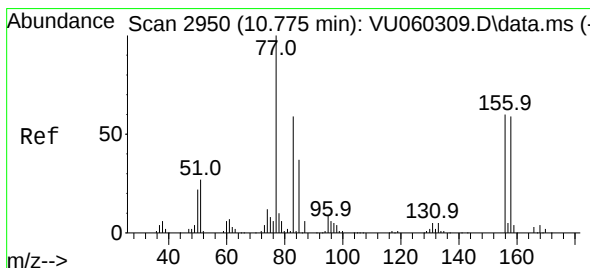
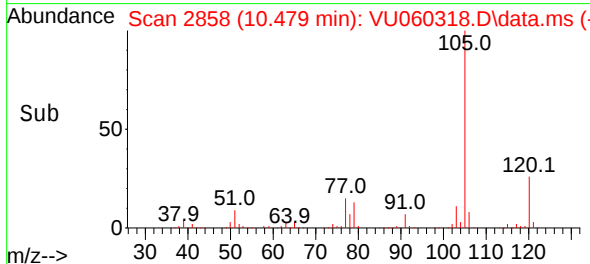
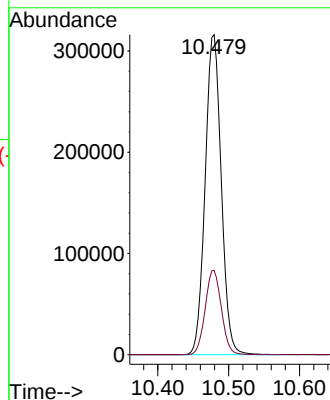
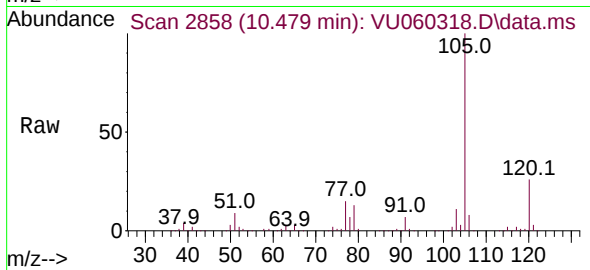




#69
Isopropylbenzene
Concen: 9.319 ug/l
RT: 10.479 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU060318.D
Acq: 05 Aug 2024 19:46

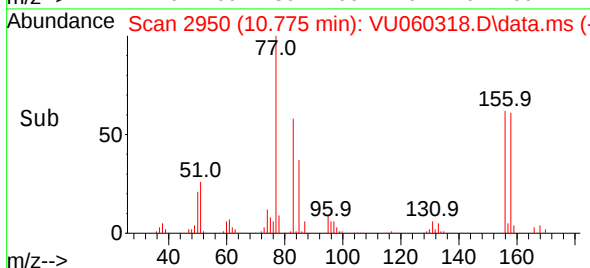
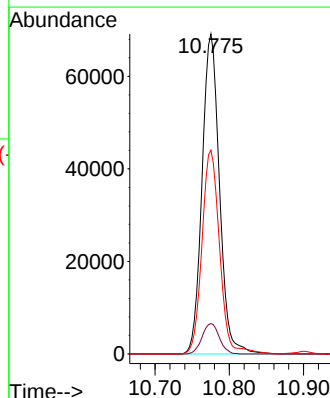
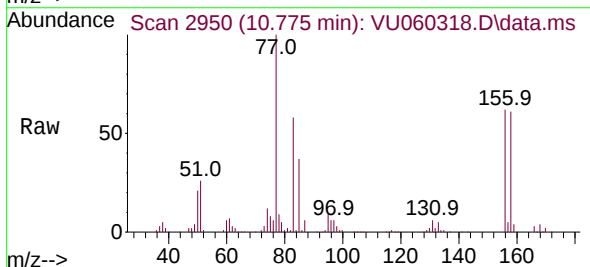
Instrument :
MSVOA_U
ClientSampleId :

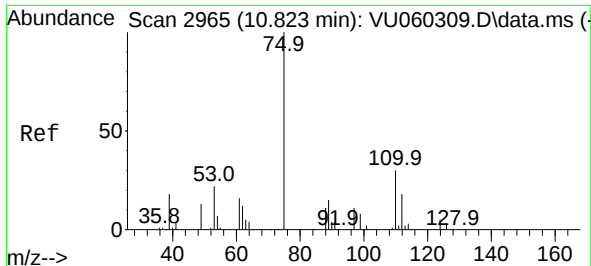
Tgt Ion:105 Resp: 498548
Ion Ratio Lower Upper
105 100
120 26.5 13.0 39.0



#70
1,1,2,2-Tetrachloroethane
Concen: 8.884 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU060318.D
Acq: 05 Aug 2024 19:46

Tgt Ion: 83 Resp: 112668
Ion Ratio Lower Upper
83 100
131 9.4 7.1 10.7
85 64.4 50.9 76.3

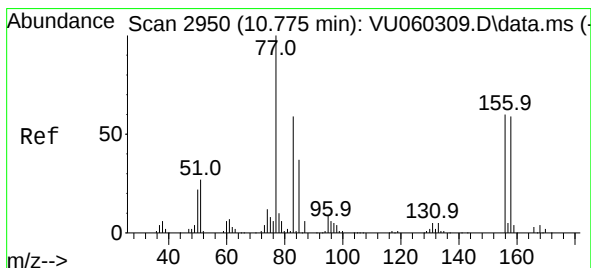
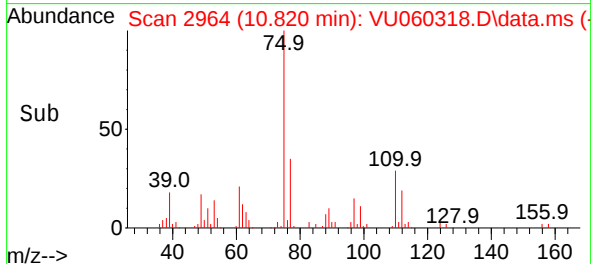
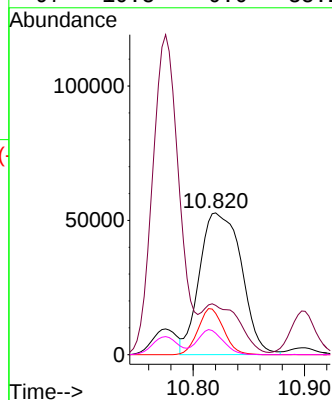
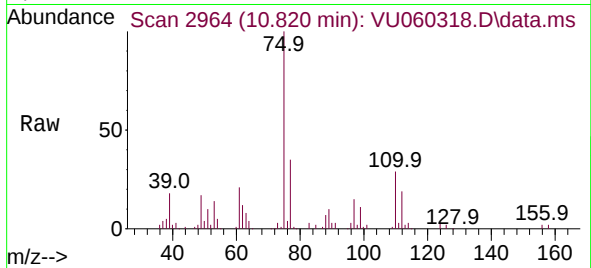




#71
1,2,3-Trichloropropane
Concen: 14.653 ug/l
RT: 10.820 min Scan# 2964
Delta R.T. -0.003 min
Lab File: VU060318.D
Acq: 05 Aug 2024 19:46

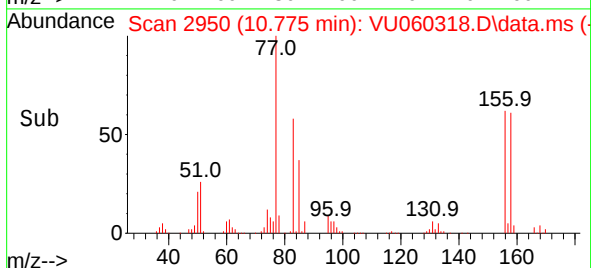
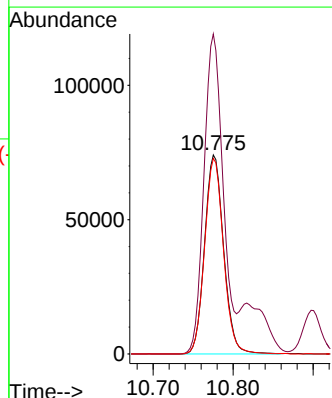
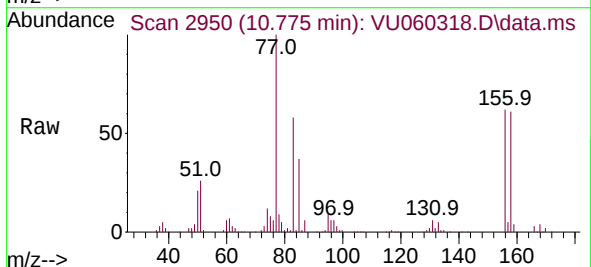
Instrument :
MSVOA_U
ClientSampleId :

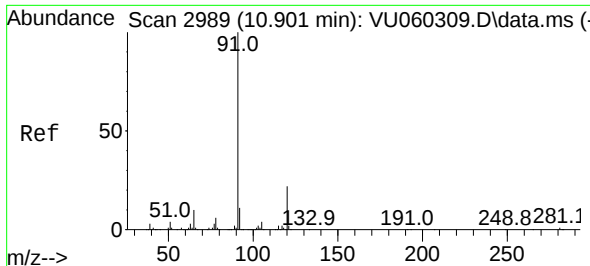
Tgt Ion: 75	Resp: 137637
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 102.2
110 19.9	0.0 67.4
97 10.8	0.0 38.2



#72
Bromobenzene
Concen: 10.508 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU060318.D
Acq: 05 Aug 2024 19:46

Tgt	Ion:156	Resp:	122901
Ion	Ratio	Lower	Upper
156	100		
77	160.8	0.0	327.2
158	97.6	0.0	193.8

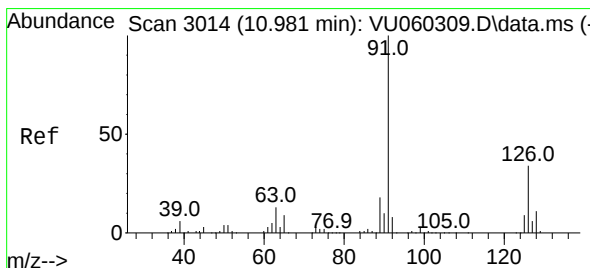
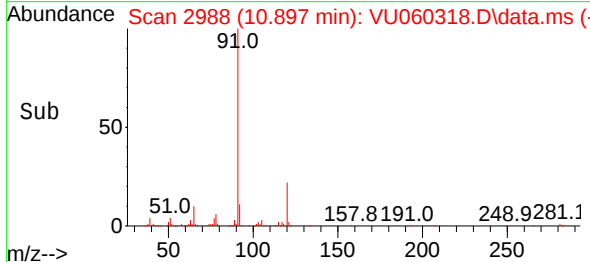
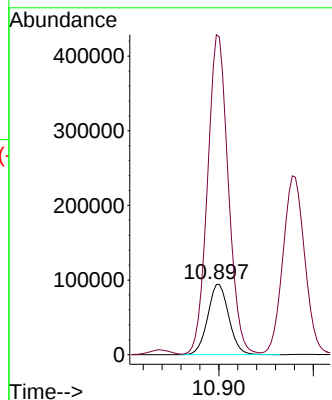
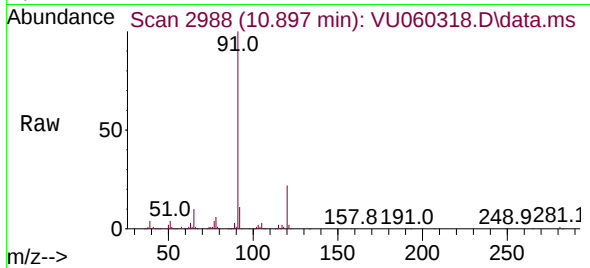




#73
n-propylbenzene
Concen: 9.487 ug/l
RT: 10.897 min Scan# 2989
Delta R.T. -0.003 min
Lab File: VU060318.D
Acq: 05 Aug 2024 19:46

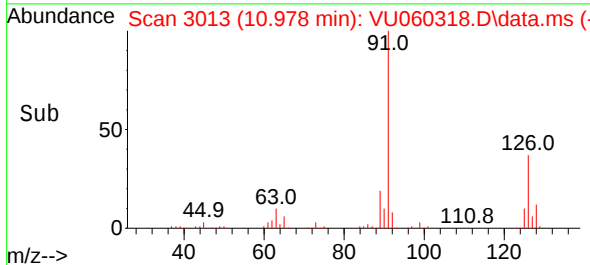
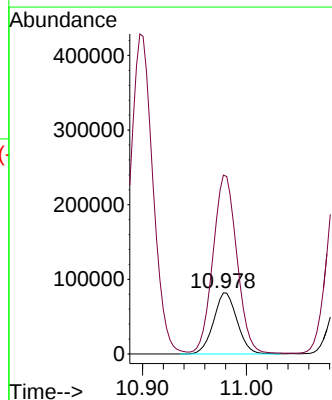
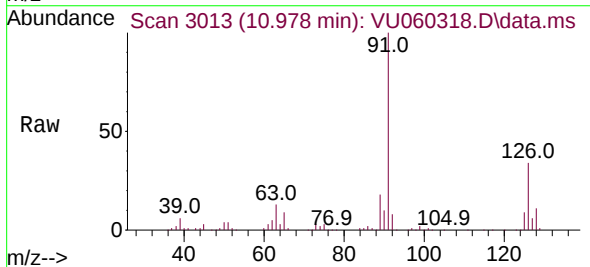
Instrument :
MSVOA_U
ClientSampleId :

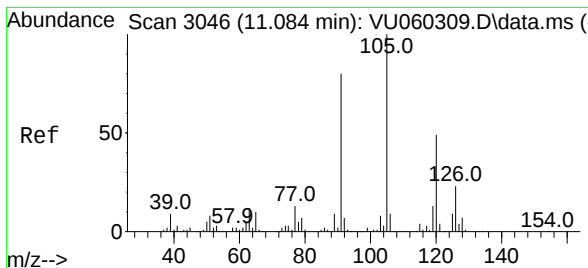
Tgt Ion:120 Resp: 145843
Ion Ratio Lower Upper
120 100
91 447.3 362.2 543.2



#74
2-Chlorotoluene
Concen: 9.479 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. -0.003 min
Lab File: VU060318.D
Acq: 05 Aug 2024 19:46

Tgt Ion:126 Resp: 128814
Ion Ratio Lower Upper
126 100
91 296.5 0.0 585.6

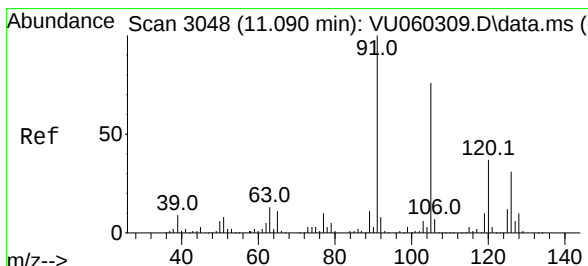
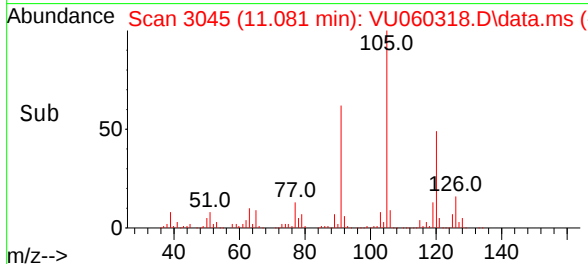
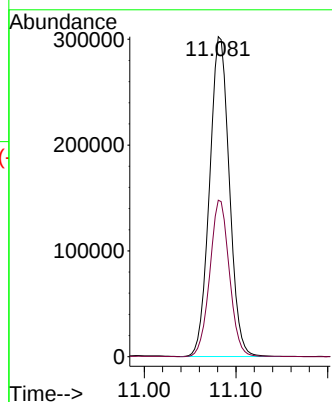
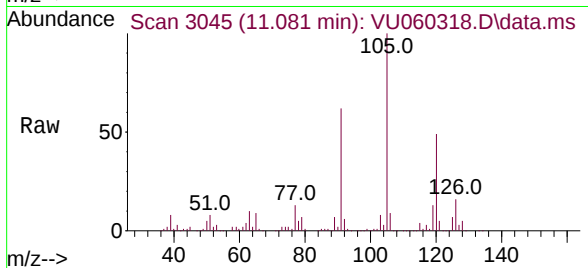




#75
1,3,5-Trimethylbenzene
Concen: 9.479 ug/l
RT: 11.081 min Scan# 3046
Delta R.T. -0.003 min
Lab File: VU060318.D
Acq: 05 Aug 2024 19:46

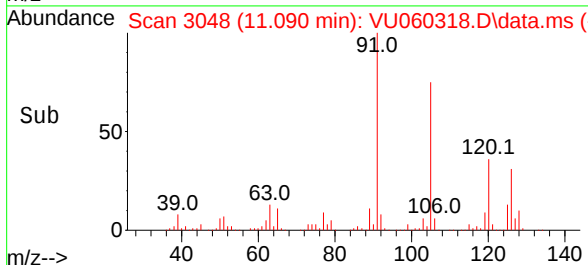
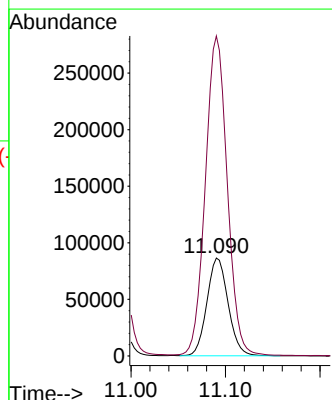
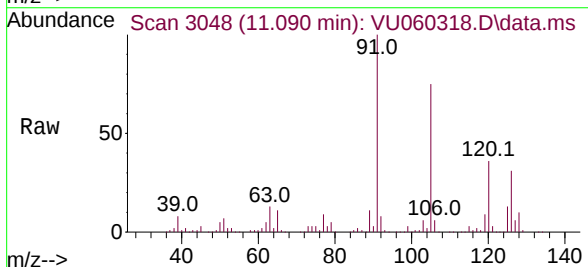
Instrument :
MSVOA_U
ClientSampleId :

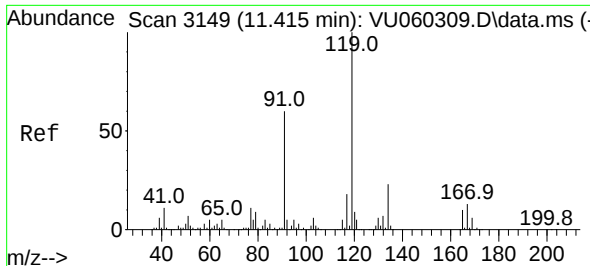
Tgt Ion:105 Resp: 452971
Ion Ratio Lower Upper
105 100
120 48.4 38.6 57.8



#76
4-Chlorotoluene
Concen: 9.431 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. -0.000 min
Lab File: VU060318.D
Acq: 05 Aug 2024 19:46

Tgt Ion:126 Resp: 134507
Ion Ratio Lower Upper
126 100
91 338.5 0.0 669.4

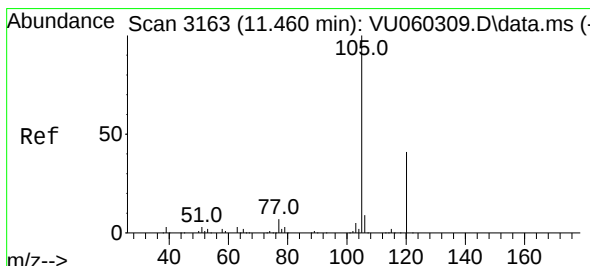
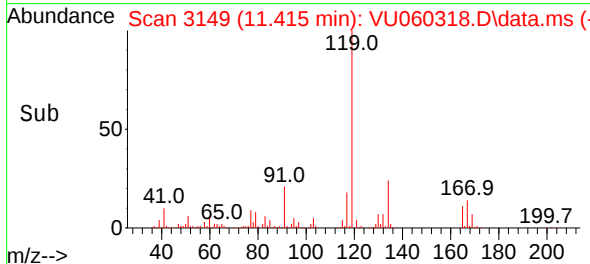
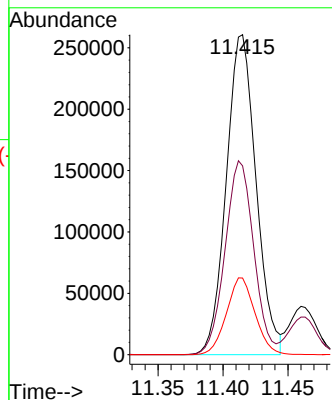
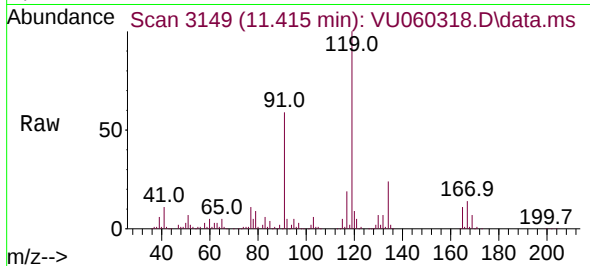




#77
tert-Butylbenzene
Concen: 9.245 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU060318.D
Acq: 05 Aug 2024 19:46

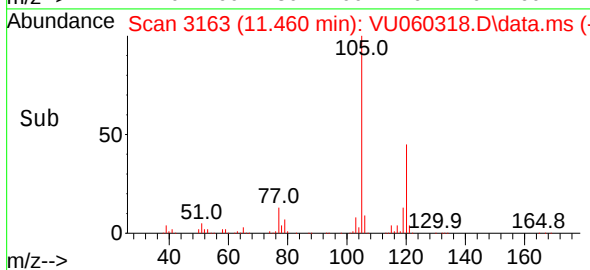
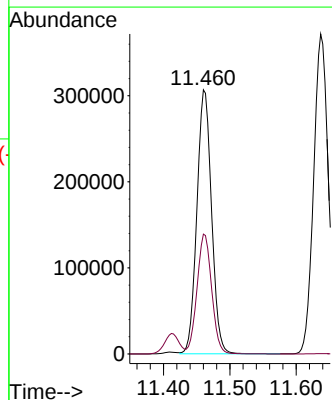
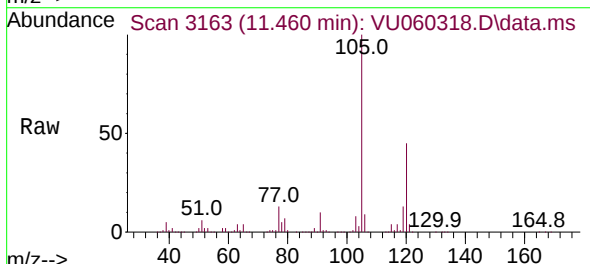
Instrument :
MSVOA_U
ClientSampleId :

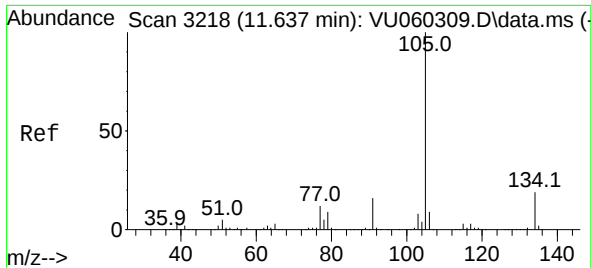
Tgt Ion:119 Resp: 416781
Ion Ratio Lower Upper
119 100
91 58.1 29.0 87.1
134 23.1 17.8 26.8



#78
1,2,4-Trimethylbenzene
Concen: 9.465 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU060318.D
Acq: 05 Aug 2024 19:46

Tgt Ion:105 Resp: 471327
Ion Ratio Lower Upper
105 100
120 45.1 22.6 67.7

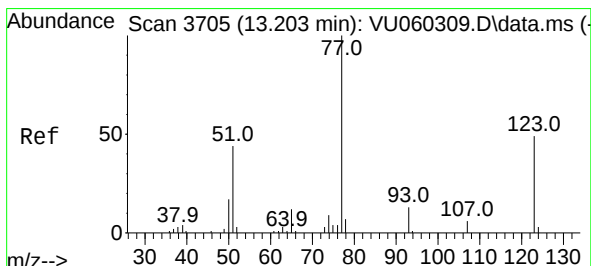
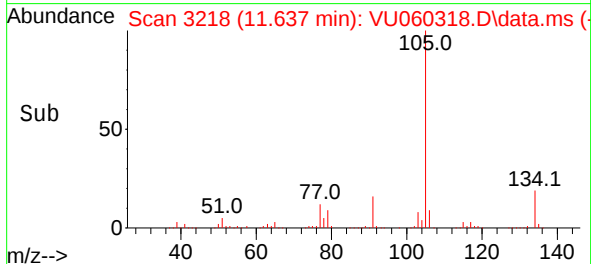
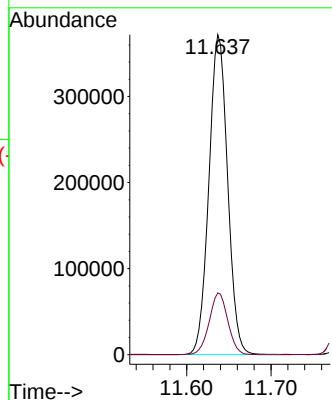
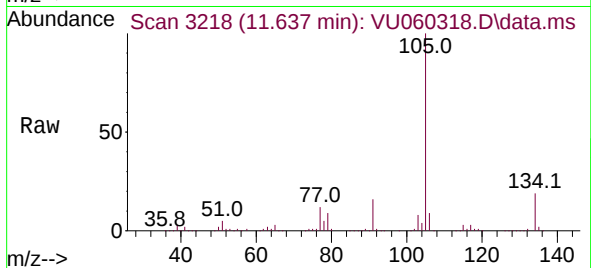




#79
 sec-Butylbenzene
 Concen: 9.272 ug/l
 RT: 11.637 min Scan# 3218
 Delta R.T. -0.000 min
 Lab File: VU060318.D
 Acq: 05 Aug 2024 19:46

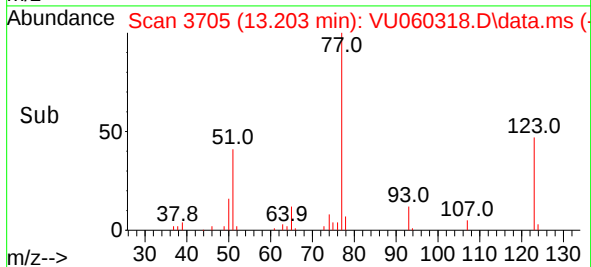
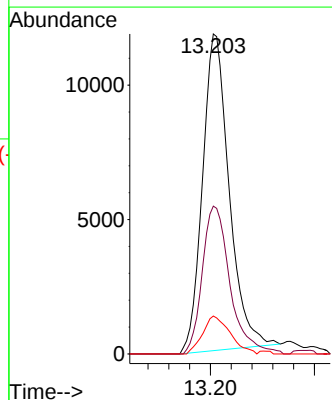
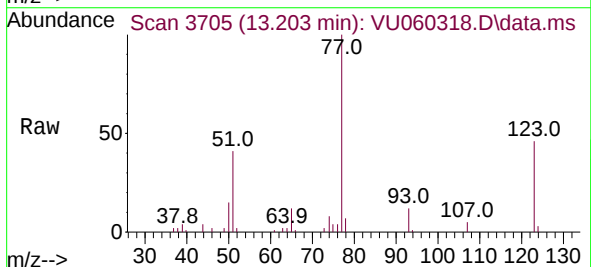
Instrument :
 MSVOA_U
 ClientSampleId :

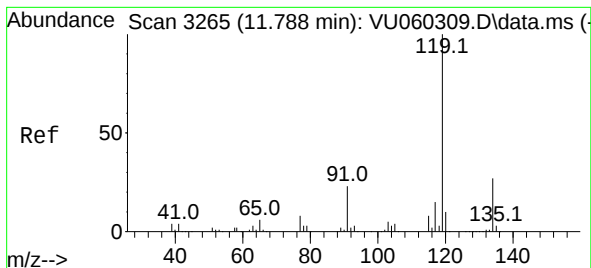
Tgt Ion:105 Resp: 573112
 Ion Ratio Lower Upper
 105 100
 134 19.3 15.5 23.3



#80
 Nitrobenzene
 Concen: 37.598 ug/l
 RT: 13.203 min Scan# 3705
 Delta R.T. -0.000 min
 Lab File: VU060318.D
 Acq: 05 Aug 2024 19:46

Tgt Ion: 77 Resp: 20938
 Ion Ratio Lower Upper
 77 100
 123 48.6 19.6 69.6
 65 12.4 9.0 11.4#





#81

p-Isopropyltoluene

Concen: 9.171 ug/l

RT: 11.788 min Scan# 3265

Delta R.T. -0.000 min

Lab File: VU060318.D

Acq: 05 Aug 2024 19:46

Instrument :

MSVOA_U

ClientSampleId :

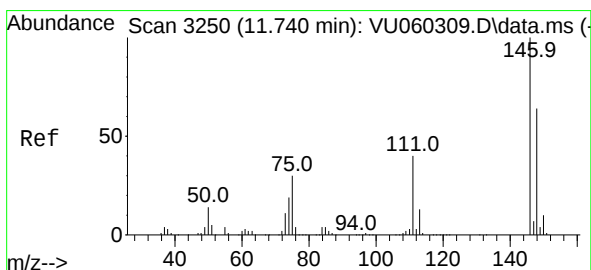
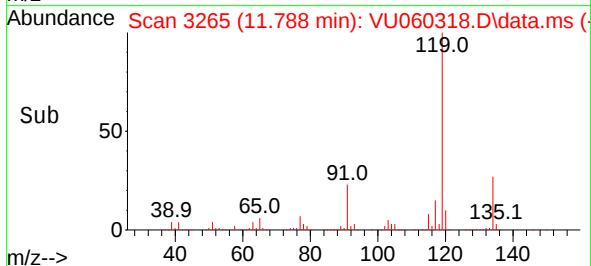
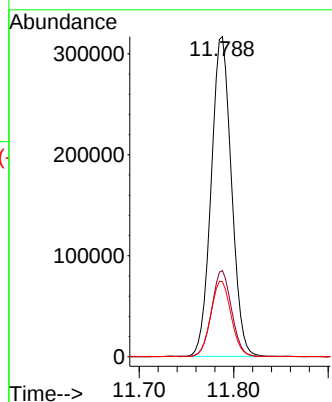
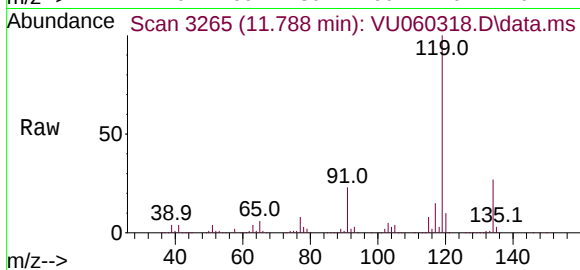
Tgt Ion:119 Resp: 470744

Ion Ratio Lower Upper

119 100

134 26.7 21.2 31.8

91 23.6 18.9 28.3



#82

1,3-Dichlorobenzene

Concen: 10.374 ug/l

RT: 11.740 min Scan# 3250

Delta R.T. -0.000 min

Lab File: VU060318.D

Acq: 05 Aug 2024 19:46

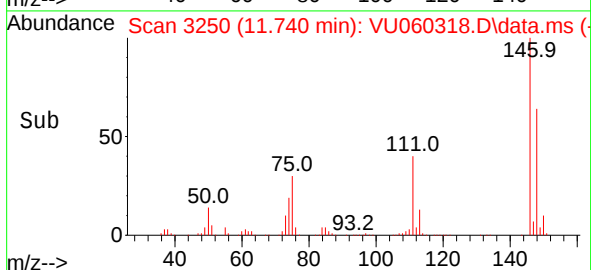
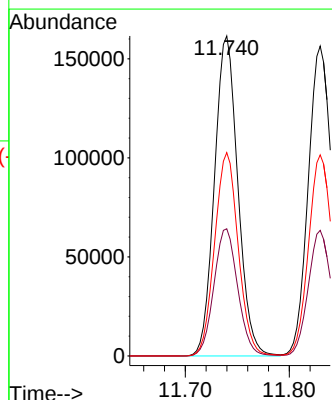
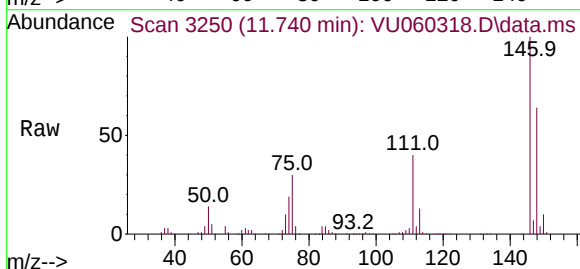
Tgt Ion:146 Resp: 253126

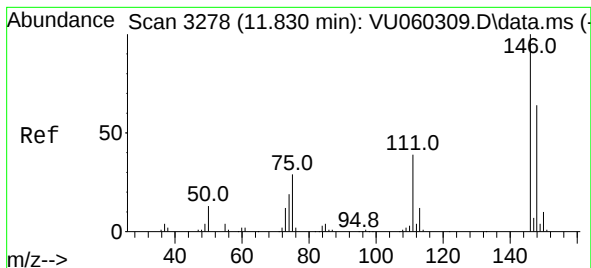
Ion Ratio Lower Upper

146 100

111 40.5 32.0 48.0

148 64.1 51.4 77.0





#83

1,4-Dichlorobenzene

Concen: 10.483 ug/l

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU060318.D

Acq: 05 Aug 2024 19:46

Instrument :

MSVOA_U

ClientSampleId :

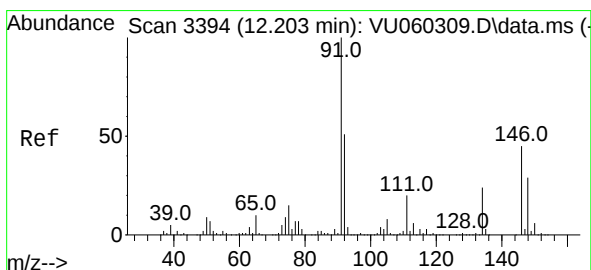
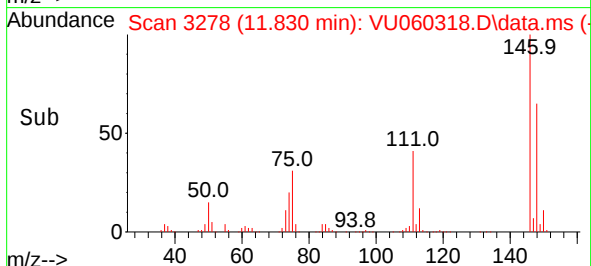
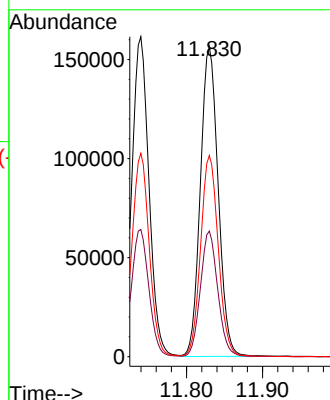
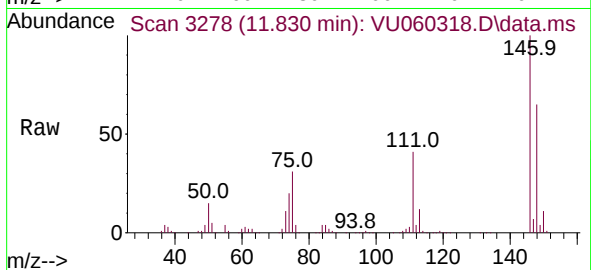
Tgt Ion:146 Resp: 253921

Ion Ratio Lower Upper

146 100

111 39.4 30.9 46.3

148 64.0 51.8 77.6



#84

n-Butylbenzene

Concen: 9.121 ug/l

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU060318.D

Acq: 05 Aug 2024 19:46

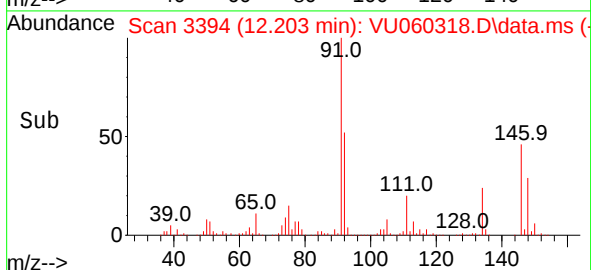
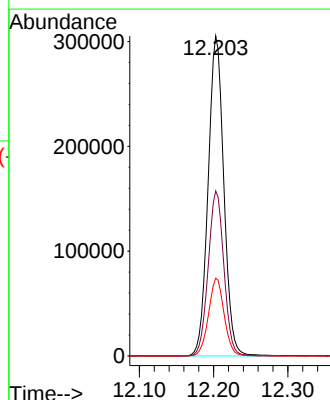
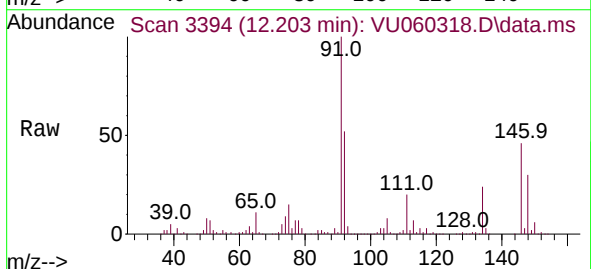
Tgt Ion: 91 Resp: 447551

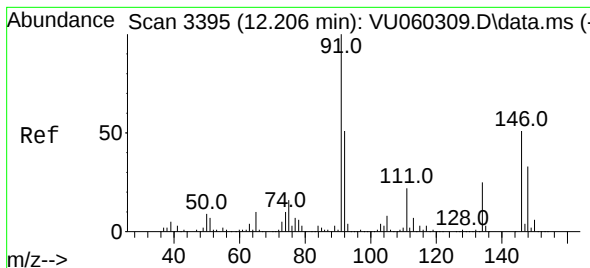
Ion Ratio Lower Upper

91 100

92 51.4 41.0 61.6

134 24.2 19.4 29.2





#85

1,2-Dichlorobenzene

Concen: 10.171 ug/l

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU060318.D

Acq: 05 Aug 2024 19:46

Instrument :

MSVOA_U

ClientSampleId :

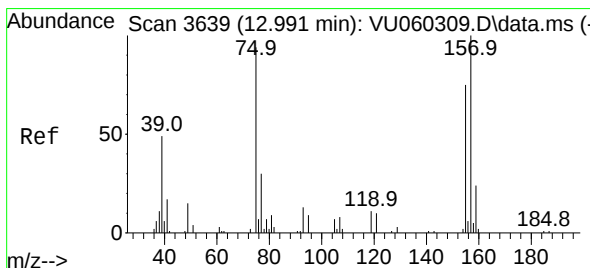
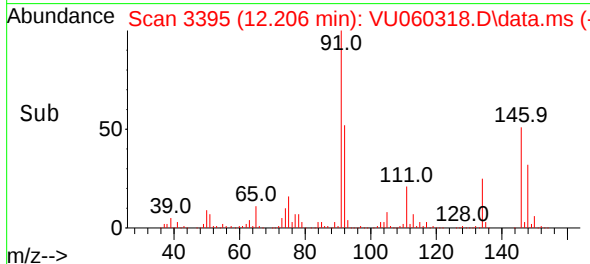
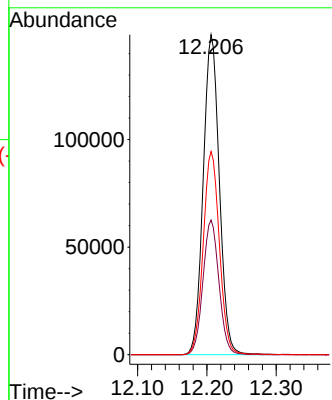
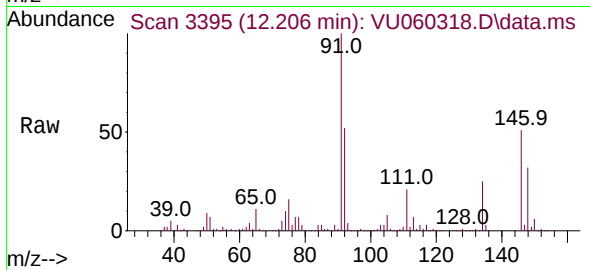
Tgt Ion:146 Resp: 240037

Ion Ratio Lower Upper

146 100

111 41.7 21.3 63.7

148 63.7 32.0 96.0



#86

1,2-Dibromo-3-Chloropropane

Concen: 8.663 ug/l

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU060318.D

Acq: 05 Aug 2024 19:46

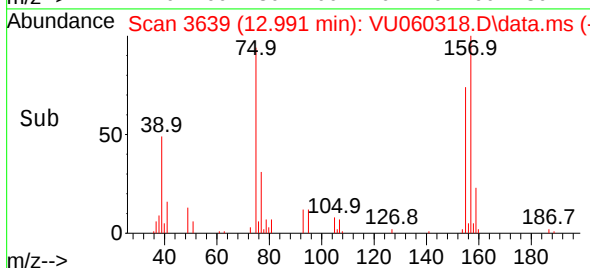
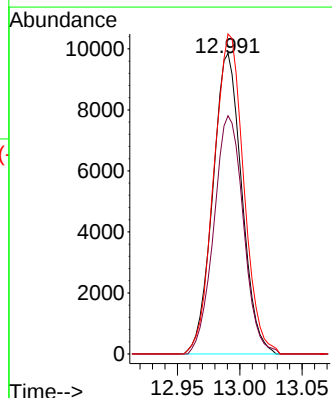
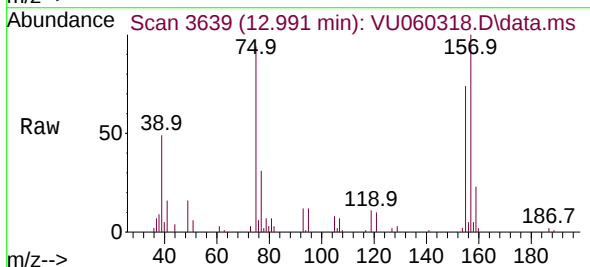
Tgt Ion: 75 Resp: 15928

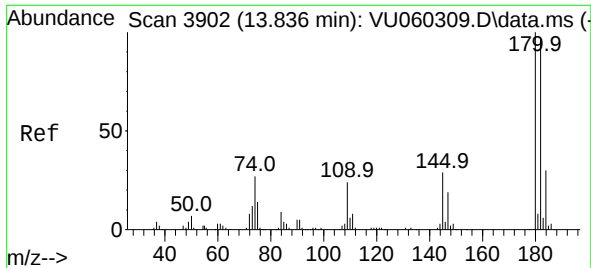
Ion Ratio Lower Upper

75 100

155 80.8 66.1 99.1

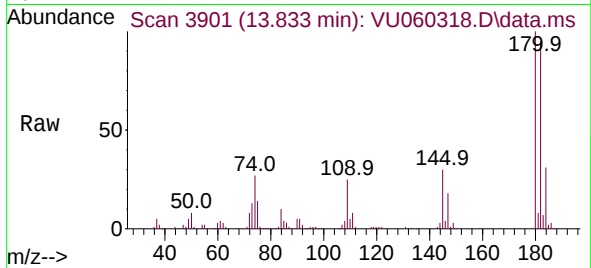
157 109.7 85.0 127.4



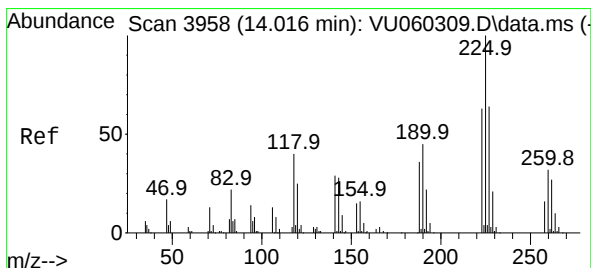
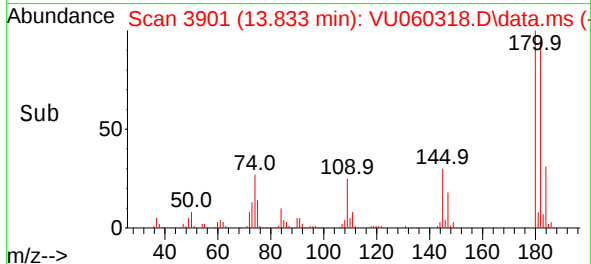
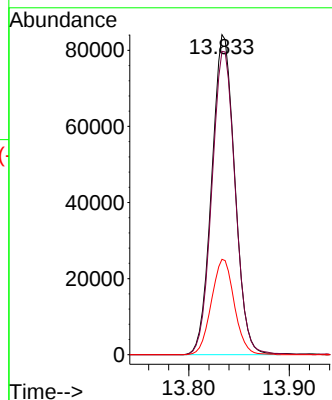


#87
1,2,4-Trichlorobenzene
Concen: 9.920 ug/l
RT: 13.833 min Scan# 3901
Delta R.T. -0.003 min
Lab File: VU060318.D
Acq: 05 Aug 2024 19:46

Instrument :
MSVOA_U
ClientSampleId :

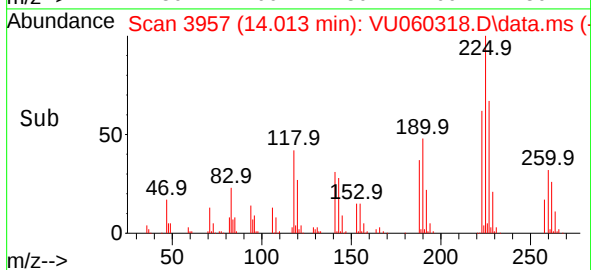
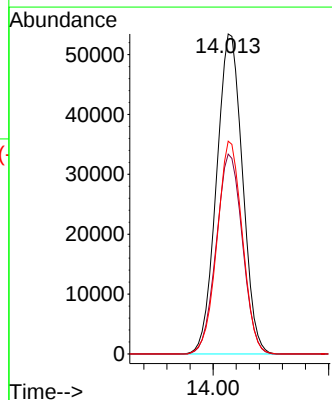
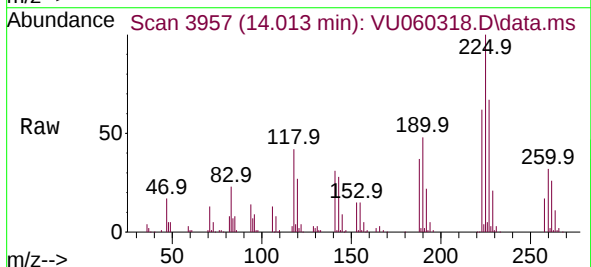


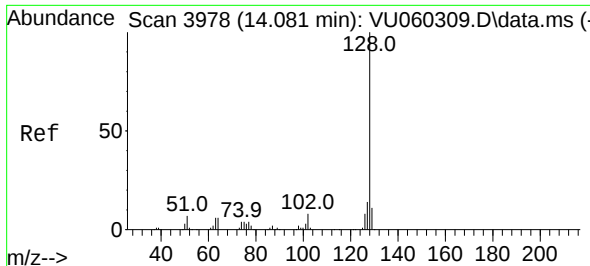
Tgt Ion:180 Resp: 133903
Ion Ratio Lower Upper
180 100
182 96.2 76.8 115.2
145 29.6 23.4 35.0



#88
Hexachlorobutadiene
Concen: 9.555 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. -0.003 min
Lab File: VU060318.D
Acq: 05 Aug 2024 19:46

Tgt Ion:225 Resp: 83403
Ion Ratio Lower Upper
225 100
223 62.9 50.8 76.2
227 64.7 50.8 76.2





#89

Naphthalene

Concen: 8.559 ug/l

RT: 14.081 min Scan# 3978

Delta R.T. -0.000 min

Lab File: VU060318.D

Acq: 05 Aug 2024 19:46

Instrument :

MSVOA_U

ClientSampleId :

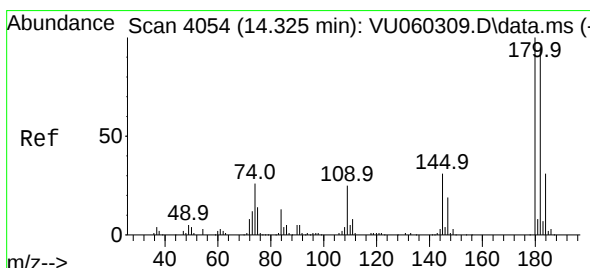
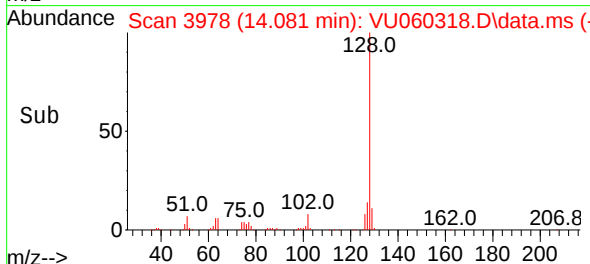
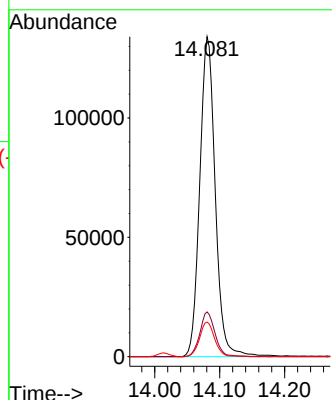
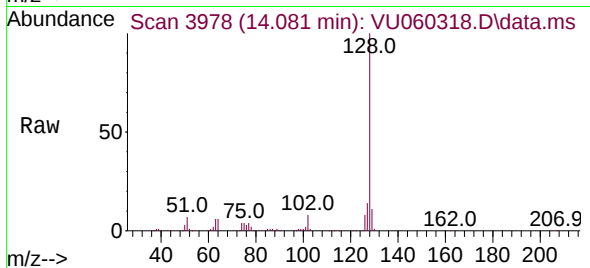
Tgt Ion:128 Resp: 223016

Ion Ratio Lower Upper

128 100

127 13.7 11.0 16.4

129 10.6 8.6 12.8



#90

1,2,3-Trichlorobenzene

Concen: 10.053 ug/l

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU060318.D

Acq: 05 Aug 2024 19:46

Tgt Ion:180 Resp: 132474

Ion Ratio Lower Upper

180 100

182 95.7 76.1 114.1

145 31.3 25.0 37.6

