

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090324\
 Data File : VU060583.D
 Acq On : 03 Sep 2024 13:17
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 04 05:37:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U080524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Aug 06 11:07:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	37710	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	15761	1.227	ug/l	0.00
Spiked Amount 1.000			Recovery	=	123.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	14856	1.064	ug/l	0.00
Spiked Amount 1.000			Recovery	=	106.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	150732	10.392	ug/l	99
3) Chloromethane	1.515	50	158349	9.549	ug/l	99
4) Vinyl Chloride	1.602	62	160113	9.658	ug/l	98
5) Bromomethane	1.856	94	92636	9.094	ug/l	95
6) Chloroethane	1.930	64	91554	9.124	ug/l	100
7) Trichlorofluoromethane	2.133	101	220286	11.013	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	104059	9.561	ug/l	97
9) 1,1-Dichloroethene	2.573	96	104568	9.275	ug/l	98
10) Iodomethane	2.718	142	141782	8.483	ug/l	93
11) Allyl Chloride	2.917	41	144874	9.373	ug/l	97
12) Acrylonitrile	3.325	53	51267	17.404	ug/l	98
13) Acetone	2.647	43	181627	50.764	ug/l	93
14) Carbon Disulfide	2.788	76	336402	8.800	ug/l	99
15) Methylene Chloride	3.039	84	123237	8.732	ug/l	94
16) trans-1,2-Dichloroethene	3.348	96	114363	9.467	ug/l	98
17) 1,1-Dichloroethane	3.859	63	224616	9.671	ug/l	99
18) 2-Butanone	4.711	43	214870	51.987	ug/l	97
19) Cyclohexane	5.380	56	162535	8.118	ug/l #	84
20) Methylcyclohexane	6.756	83	192868	12.139	ug/l	98
21) 2,2-Dichloropropane	4.653	77	178789	9.885	ug/l	99
22) cis-1,2-Dichloroethene	4.657	96	125612	9.707	ug/l	97
23) Diethyl Ether	2.374	59	83047	9.064	ug/l	97
24) tert-Butyl Alcohol	3.264	59	23742	20.745	ug/l #	1
25) Methyl tert-Butyl Ether	3.358	73	250858	9.064	ug/l	99
26) Bromochloromethane	4.965	128	55270	10.087	ug/l	99
27) Chloroform	5.078	83	230237	10.131	ug/l	99
28) 1,1,1-Trichloroethane	5.309	97	199513	10.569	ug/l	98
29) 1,1-Dichloropropene	5.518	75	167009	11.041	ug/l	98
30) Carbon Tetrachloride	5.518	117	177117	11.513	ug/l	99
31) Isopropyl Ether	3.985	45	314925	9.276	ug/l	96
32) Ethyl-t-butyl ether	4.493	59	294266	8.968	ug/l	100
33) Tert-Amyl methyl ether	5.933	73	261528	11.228	ug/l	99
34) Propionitrile	4.798	54	48244	40.839	ug/l #	87
35) Benzene	5.766	78	489064	10.492	ug/l	100
36) 1,2-Dichloroethane	5.785	62	145407	11.226	ug/l	97
37) Trichloroethene	6.534	130	124441	10.785	ug/l	99
38) 1,2-Dichloropropane	6.782	63	135956	10.783	ug/l	99
39) Methacrylonitrile	4.972	41	34352	8.035	ug/l	98
40) Methyl acrylate	4.843	55	64385	8.600	ug/l #	95
41) Tetrahydrofuran	5.058	42	39833	17.110	ug/l	95
42) 1-Chlorobutane	5.451	56	231204	11.086	ug/l	98
43) Dibromomethane	6.910	93	62956	9.870	ug/l	99
44) Bromodichloromethane	7.097	83	167764	10.955	ug/l	98

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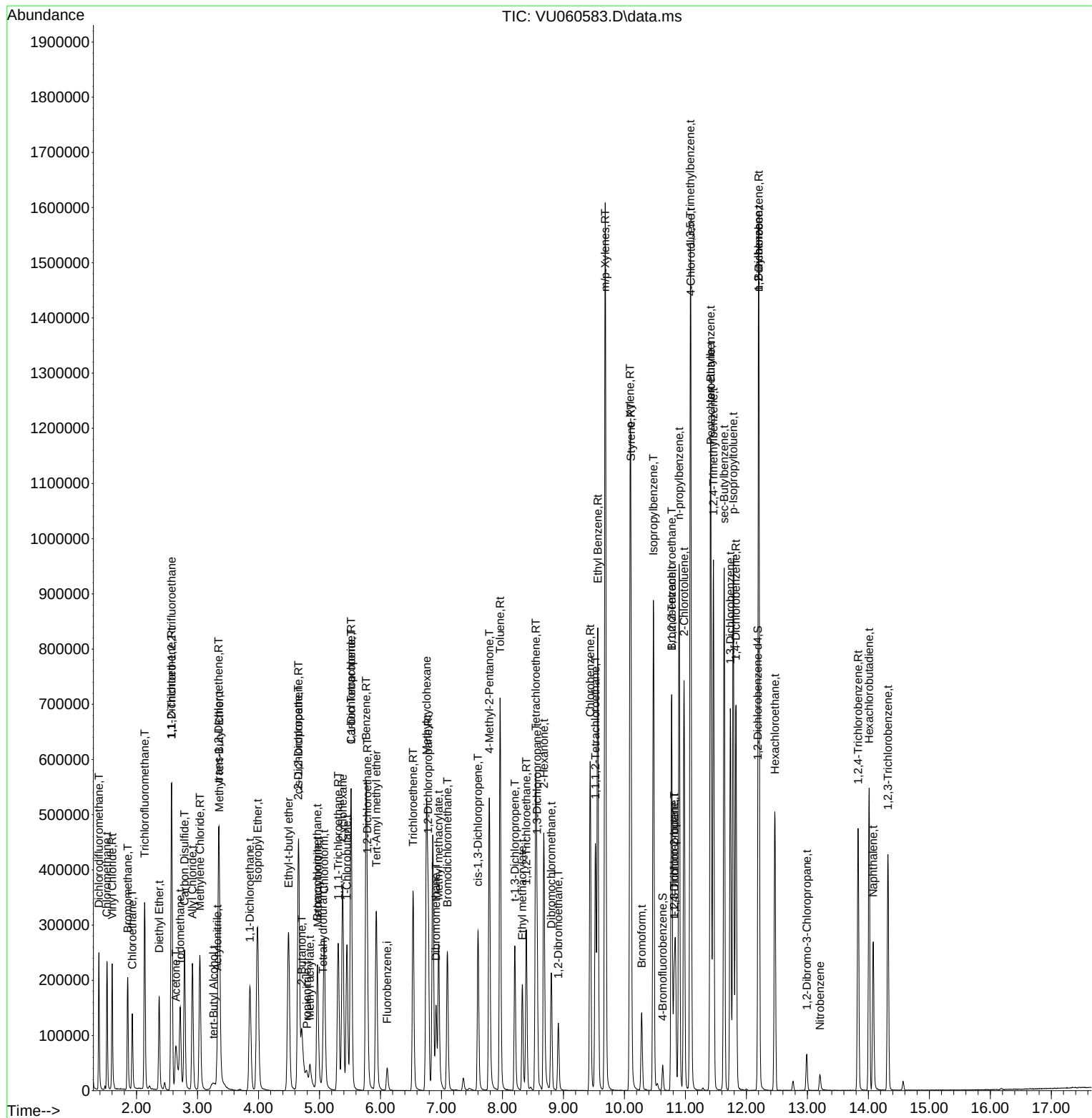
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.785	43	364357	60.836	ug/l	96
46) t-1,4-Dichloro-2-butene	10.817	75	154199	45.946	ug/l #	59
47) Methyl methacrylate	6.955	69	118818	22.957	ug/l	94
48) Ethyl methacrylate	8.325	69	107503	12.233	ug/l	94
49) Toluene	7.962	92	300683	11.634	ug/l	100
50) t-1,3-Dichloropropene	8.203	75	153043	12.105	ug/l	98
51) cis-1,3-Dichloropropene	7.599	75	179383	11.794	ug/l	97
52) 1,1,2-Trichloroethane	8.393	97	90928	9.711	ug/l	98
53) 1,3-Dichloropropane	8.566	76	160830	10.765	ug/l	100
54) 2-Hexanone	8.679	43	316210	68.121	ug/l	97
55) Dibromochloromethane	8.801	129	111591	10.865	ug/l	98
56) 1,2-Dibromoethane	8.917	107	82669	9.846	ug/l	99
58) Tetrachloroethene	8.547	164	119317	11.570	ug/l	99
59) Chlorobenzene	9.441	112	325343	11.627	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.525	131	119654	10.853	ug/l	99
61) Pentachloroethane	11.418	117	92050	9.776	ug/l	97
62) Hexachloroethane	12.470	117	100342	11.024	ug/l	99
63) Ethyl Benzene	9.563	91	571049	10.554	ug/l	98
64) m/p-Xylenes	9.685	106	454578	20.954	ug/l	100
65) o-Xylene	10.094	106	216499	10.569	ug/l	99
66) Styrene	10.106	104	360543	10.262	ug/l	99
67) Bromoform	10.283	173	62598	10.407	ug/l	99
69) Isopropylbenzene	10.476	105	565610	10.688	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.775	83	118574	9.517	ug/l	98
71) 1,2,3-Trichloropropane	10.817	75	154409	16.732	ug/l #	52
72) Bromobenzene	10.775	156	134597	11.714	ug/l	98
73) n-propylbenzene	10.897	120	159021	10.475	ug/l	99
74) 2-Chlorotoluene	10.978	126	137832	10.295	ug/l	94
75) 1,3,5-Trimethylbenzene	11.081	105	509832	10.793	ug/l	98
76) 4-Chlorotoluene	11.090	126	147466	10.485	ug/l	98
77) tert-Butylbenzene	11.412	119	466668	10.474	ug/l	98
78) 1,2,4-Trimethylbenzene	11.460	105	520393	10.575	ug/l	99
79) sec-Butylbenzene	11.637	105	632662	10.362	ug/l	100
80) Nitrobenzene	13.206	77	18236	33.330	ug/l	96
81) p-Isopropyltoluene	11.785	119	535062	10.528	ug/l	99
82) 1,3-Dichlorobenzene	11.737	146	277433	11.573	ug/l	99
83) 1,4-Dichlorobenzene	11.830	146	279632	11.750	ug/l	99
84) n-Butylbenzene	12.200	91	503569	10.278	ug/l	99
85) 1,2-Dichlorobenzene	12.203	146	260588	11.238	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.991	75	17953	9.938	ug/l	94
87) 1,2,4-Trichlorobenzene	13.833	180	149554	11.277	ug/l	99
88) Hexachlorobutadiene	14.013	225	98560	11.494	ug/l	98
89) Naphthalene	14.081	128	222321	9.475	ug/l	100
90) 1,2,3-Trichlorobenzene	14.322	180	134381	10.379	ug/l	98

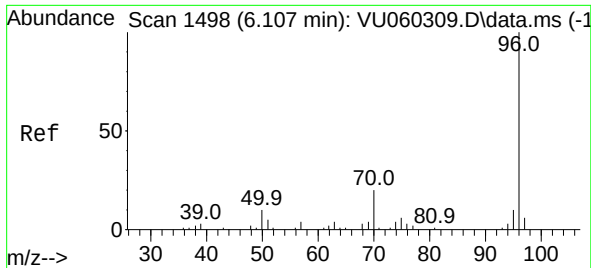
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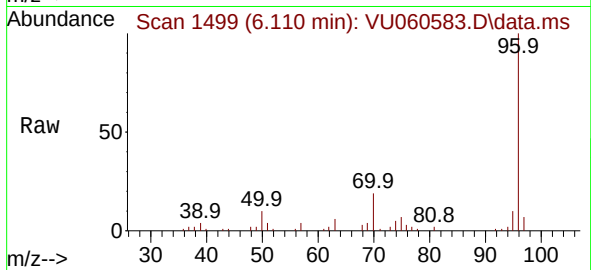
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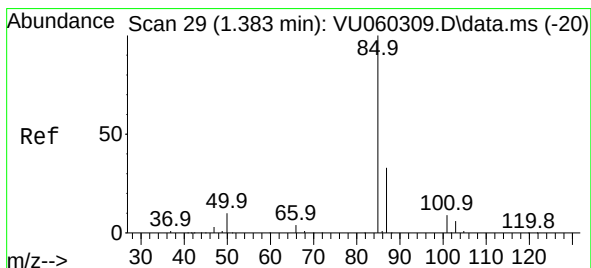
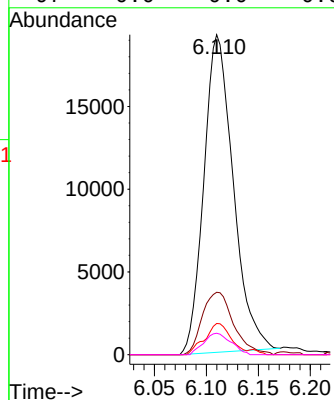
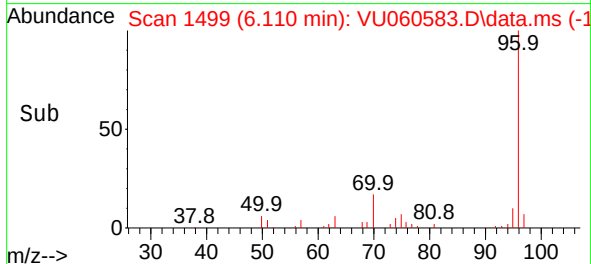


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU060583.D
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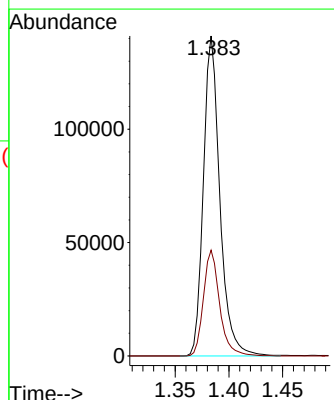
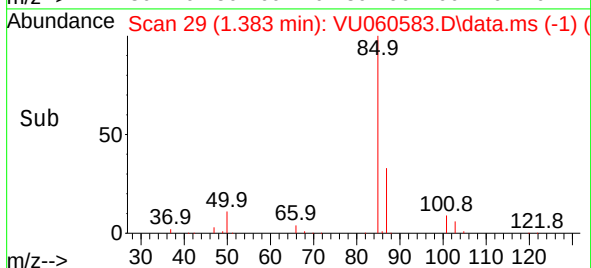
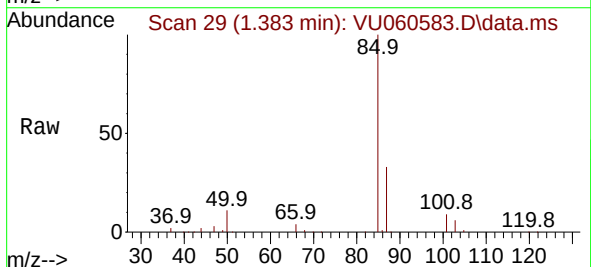


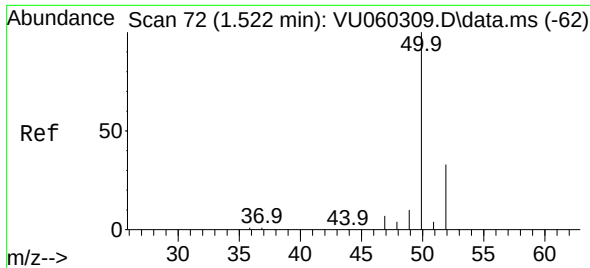
Tgt Ion: 96 Resp: 37710
Ion Ratio Lower Upper
96 100
70 21.0 17.2 25.8
95 7.7 7.9 11.9#
97 0.0 0.0 0.0



#2
Dichlorodifluoromethane
Concen: 10.392 ug/l
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU060583.D
Acq: 03 Sep 2024 13:17

Tgt Ion: 85 Resp: 150732
Ion Ratio Lower Upper
85 100
87 33.0 16.3 48.9

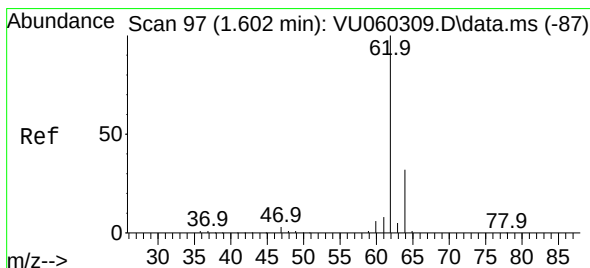
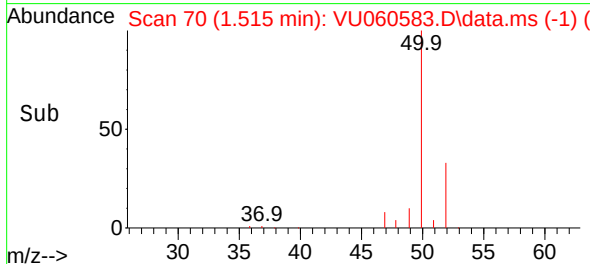
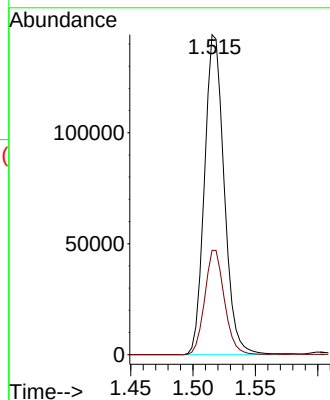
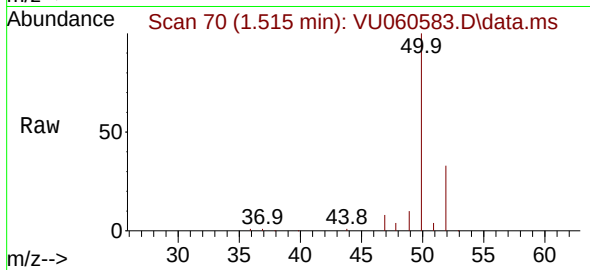




#3
Chloromethane
Concen: 9.549 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.006 min
Lab File: VU060583.D
Acq: 03 Sep 2024 13:17

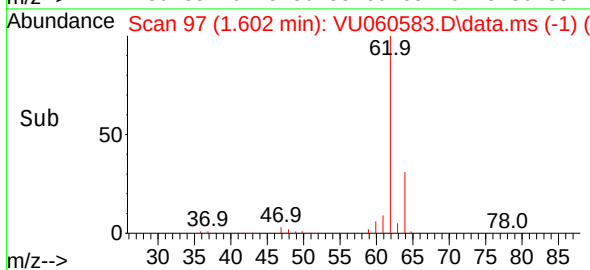
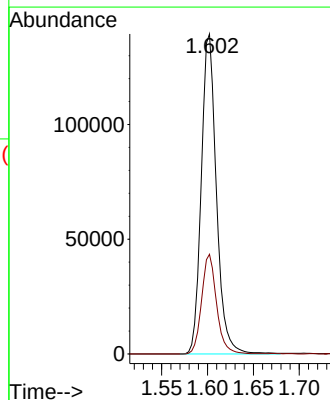
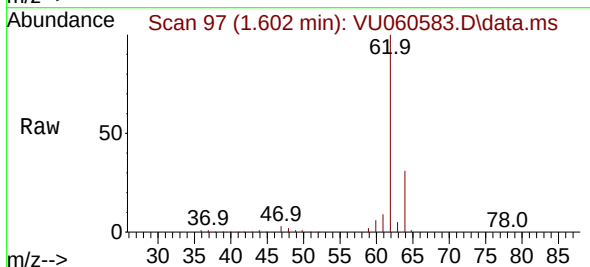
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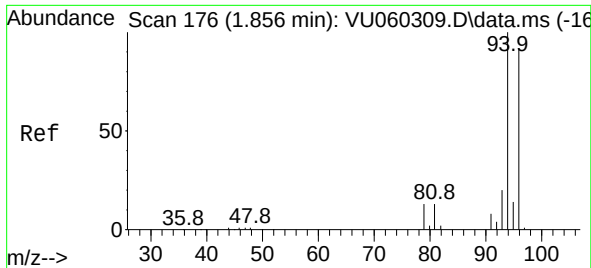
Tgt Ion: 50 Resp: 158349
Ion Ratio Lower Upper
50 100
52 32.6 26.5 39.7



#4
Vinyl Chloride
Concen: 9.658 ug/l
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU060583.D
Acq: 03 Sep 2024 13:17

Tgt Ion: 62 Resp: 160113
Ion Ratio Lower Upper
62 100
64 31.1 25.8 38.6

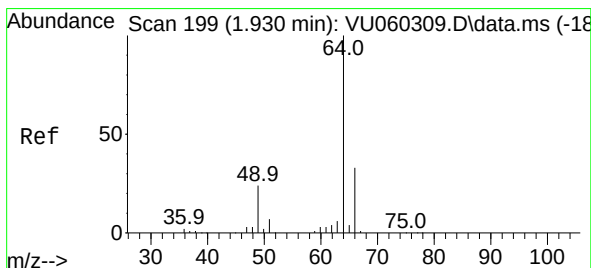
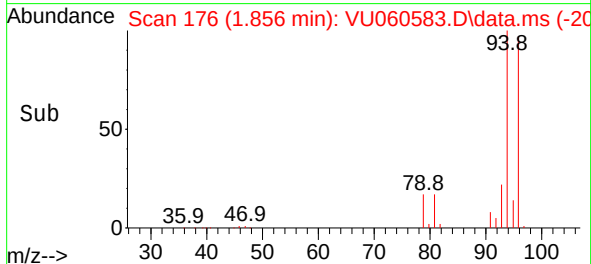
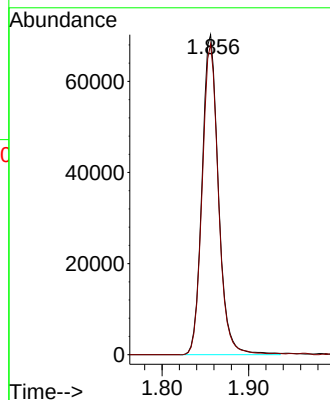
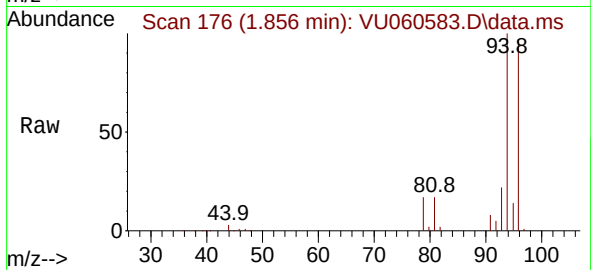




#5
Bromomethane
Concen: 9.094 ug/l
RT: 1.856 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU060583.D
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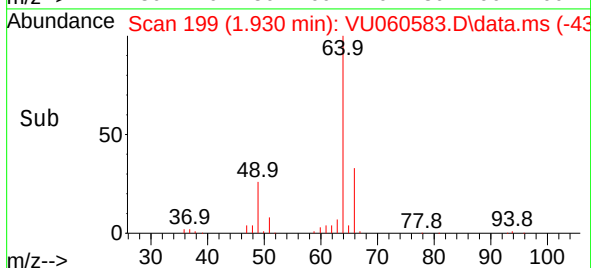
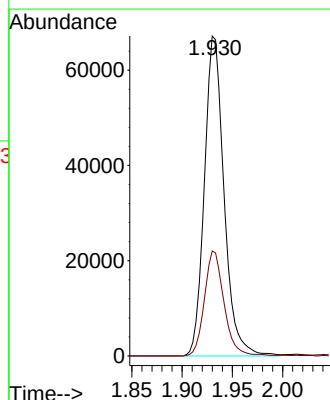
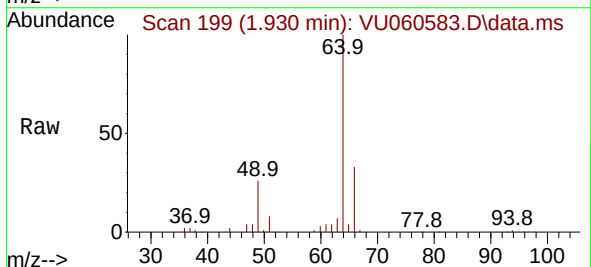
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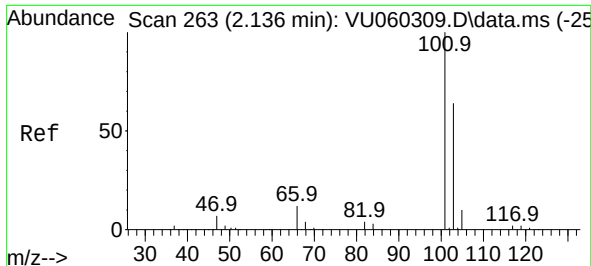
Tgt Ion: 94 Resp: 92636
Ion Ratio Lower Upper
94 100
96 97.1 73.8 110.8



#6
Chloroethane
Concen: 9.124 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU060583.D
Acq: 03 Sep 2024 13:17

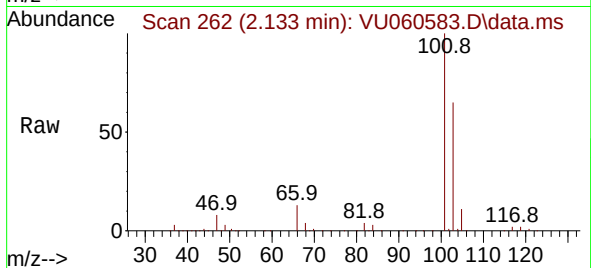
Tgt Ion: 64 Resp: 91554
Ion Ratio Lower Upper
64 100
66 32.8 26.3 39.5



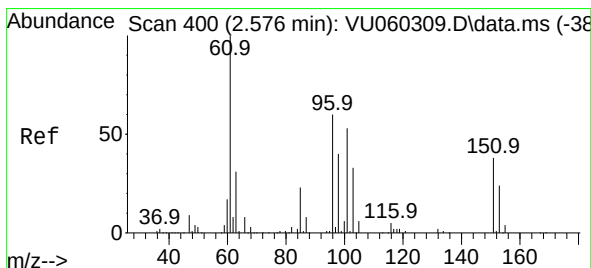
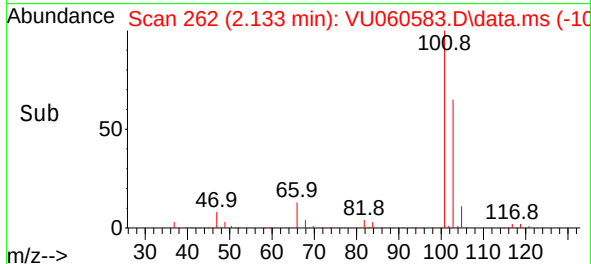
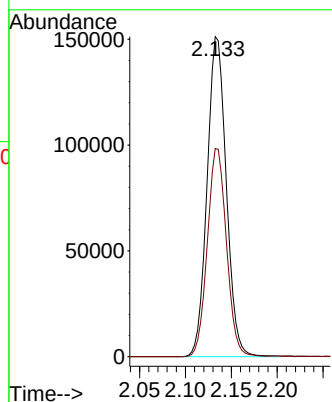


#7
Trichlorofluoromethane
Concen: 11.013 ug/l
RT: 2.133 min Scan# 20
Delta R.T. -0.003 min
Lab File: VU060583.D
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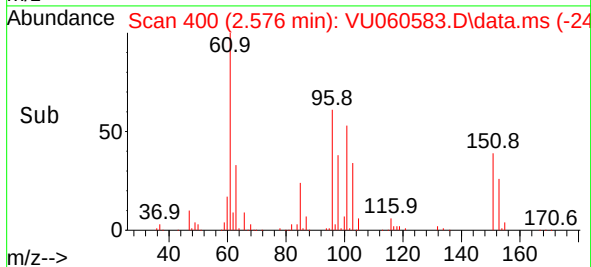
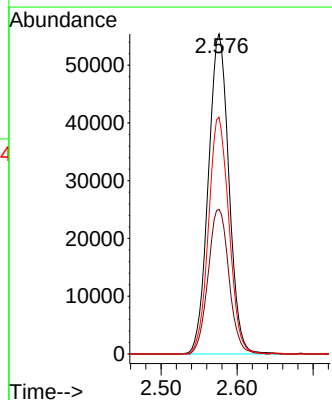
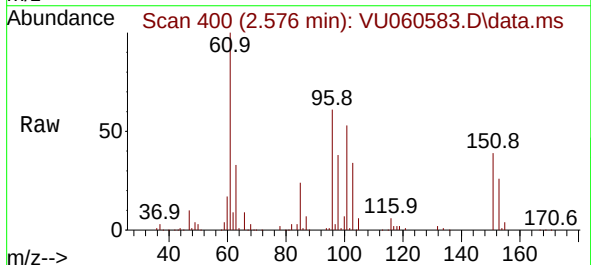


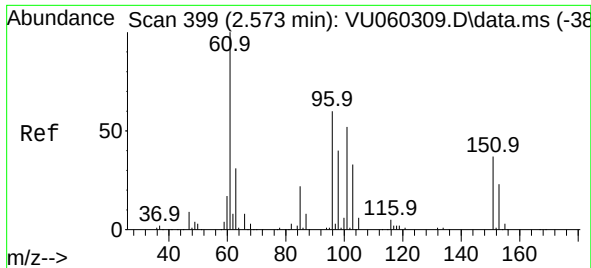
Tgt Ion:101 Resp: 220286
Ion Ratio Lower Upper
101 100
103 65.1 51.0 76.4



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.561 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU060583.D
Acq: 03 Sep 2024 13:17

Tgt Ion:101 Resp: 104059
Ion Ratio Lower Upper
101 100
85 45.7 34.9 52.3
151 73.4 57.2 85.8

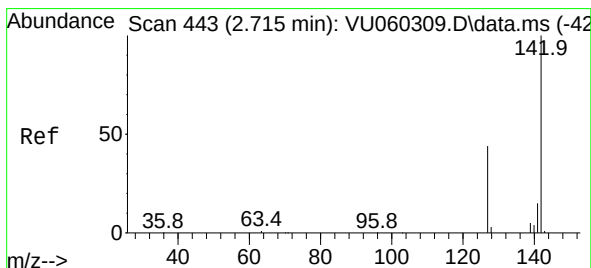
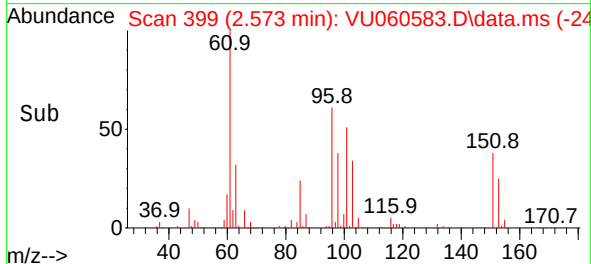
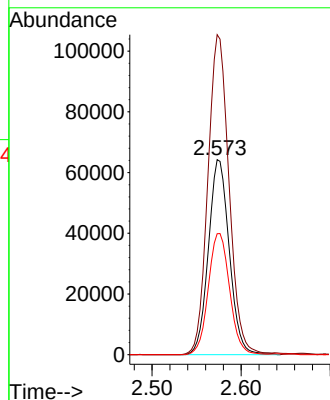
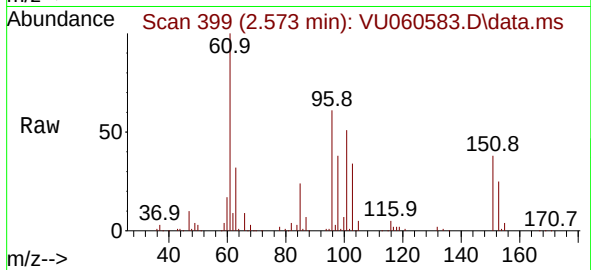




#9
1,1-Dichloroethene
Concen: 9.275 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU060583.D
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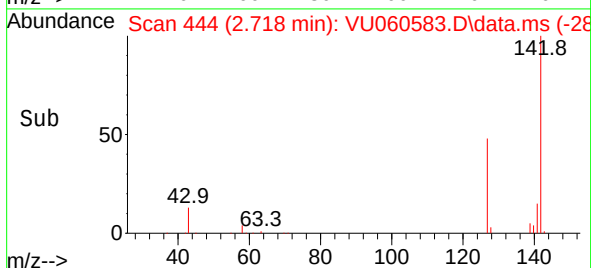
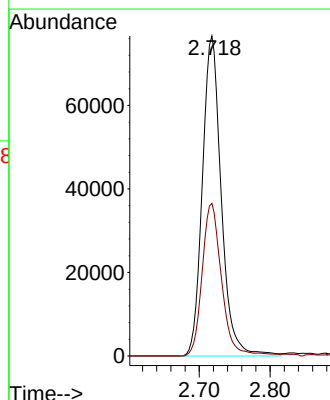
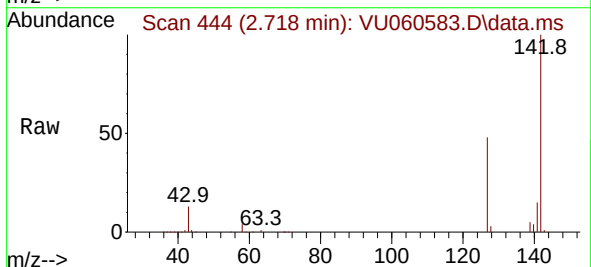
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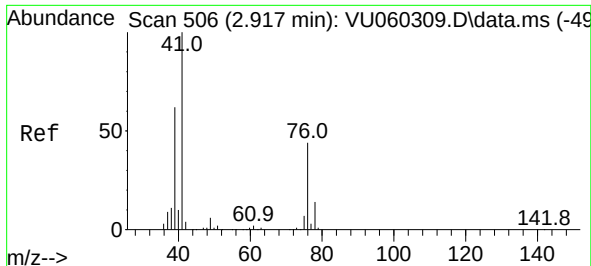
Tgt Ion: 96 Resp: 104568
Ion Ratio Lower Upper
96 100
61 164.1 0.0 495.9
98 62.0 0.0 131.6



#10
Iodomethane
Concen: 8.483 ug/l
RT: 2.718 min Scan# 444
Delta R.T. 0.003 min
Lab File: VU060583.D
Acq: 03 Sep 2024 13:17

Tgt Ion:142 Resp: 141782
Ion Ratio Lower Upper
142 100
127 49.0 35.5 53.3

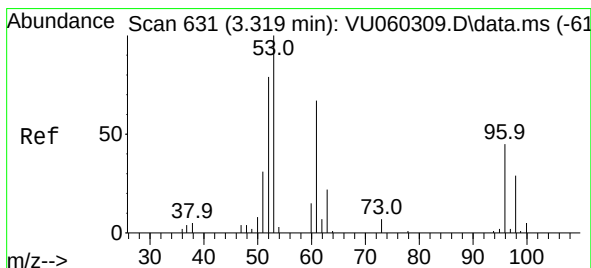
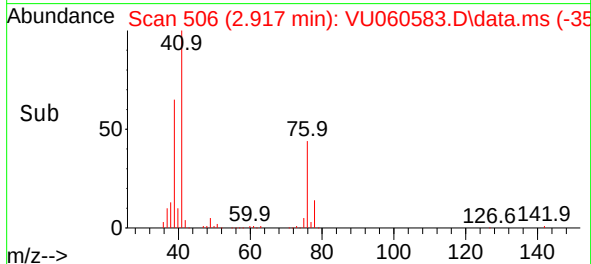
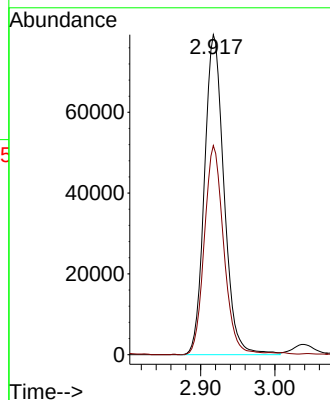
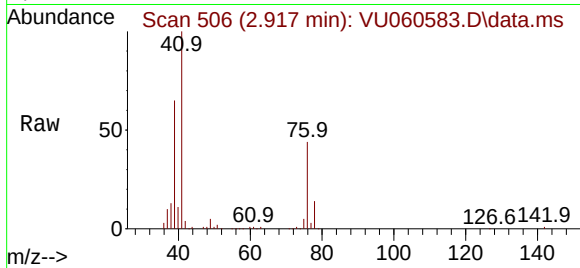




#11
Allyl Chloride
Concen: 9.373 ug/l
RT: 2.917 min Scan# 506
Delta R.T. -0.000 min
Lab File: VU060583.D
Acq: 03 Sep 2024 13:17

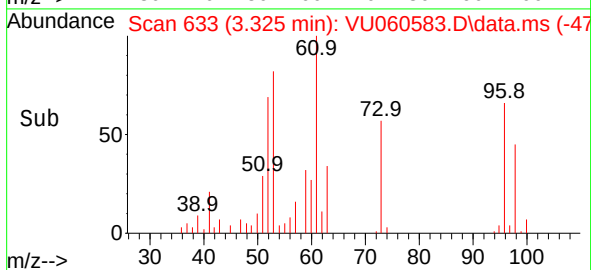
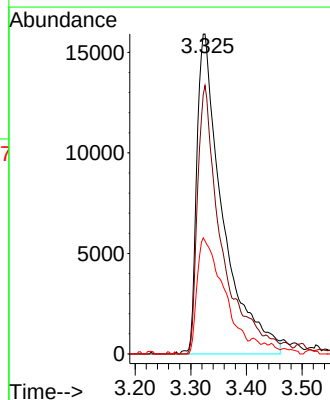
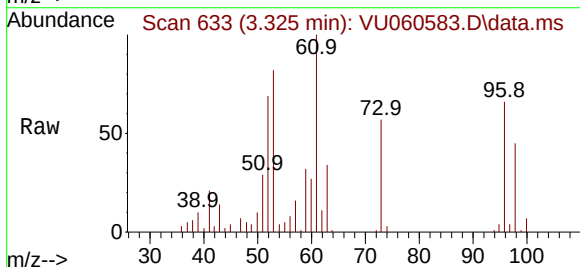
Instrument :
MSVOA_U
ClientSampleId :

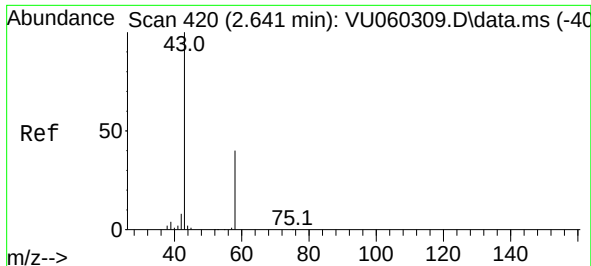
Tgt Ion: 41 Resp: 144874
Ion Ratio Lower Upper
41 100
39 64.7 50.0 75.0



#12
Acrylonitrile
Concen: 17.404 ug/l
RT: 3.325 min Scan# 633
Delta R.T. 0.006 min
Lab File: VU060583.D
Acq: 03 Sep 2024 13:17

Tgt Ion: 53 Resp: 51267
Ion Ratio Lower Upper
53 100
52 78.2 63.7 95.5
51 37.2 28.2 42.4

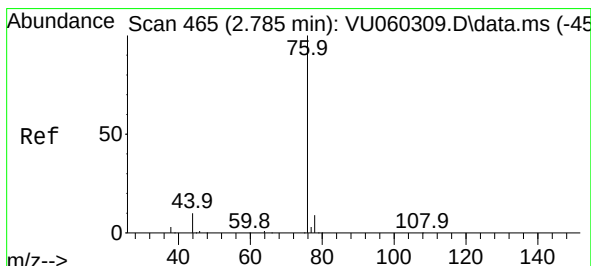
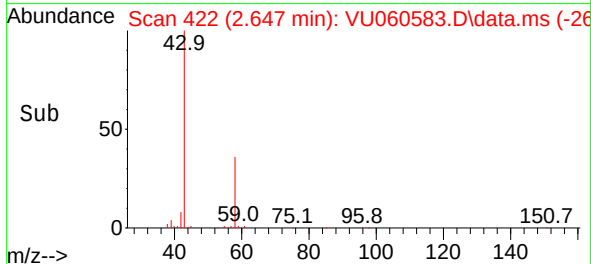
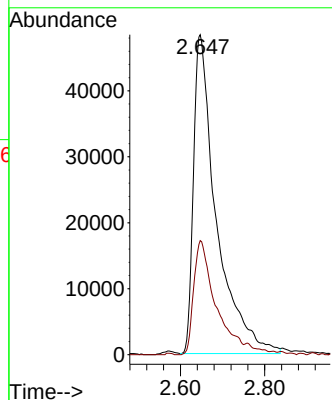
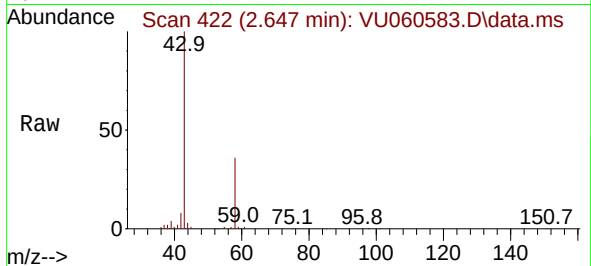




#13
Acetone
Concen: 50.764 ug/l
RT: 2.647 min Scan# 41
Delta R.T. 0.006 min
Lab File: VU060583.D
Acq: 03 Sep 2024 13:17

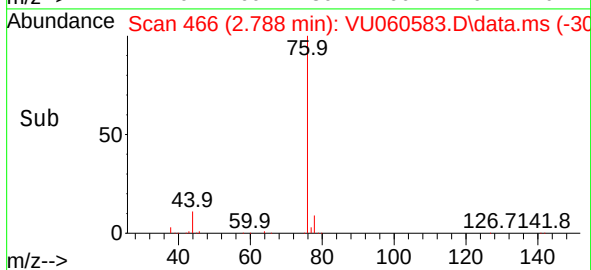
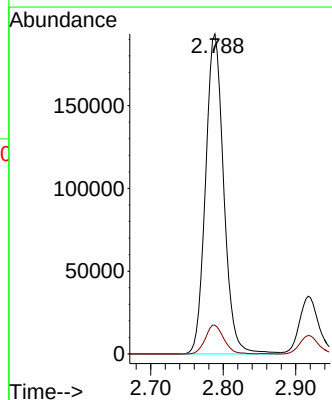
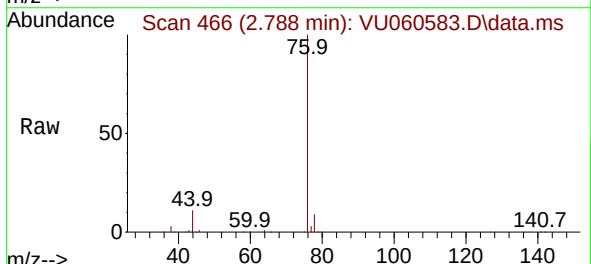
Instrument :
MSVOA_U
ClientSampleId :

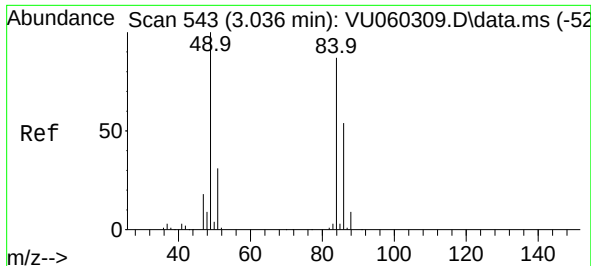
Tgt Ion: 43 Resp: 181627
Ion Ratio Lower Upper
43 100
58 35.8 31.8 47.8



#14
Carbon Disulfide
Concen: 8.800 ug/l
RT: 2.788 min Scan# 466
Delta R.T. 0.003 min
Lab File: VU060583.D
Acq: 03 Sep 2024 13:17

Tgt Ion: 76 Resp: 336402
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0





#15

Methylene Chloride

Concen: 8.732 ug/l

RT: 3.039 min Scan# 54

Delta R.T. 0.003 min

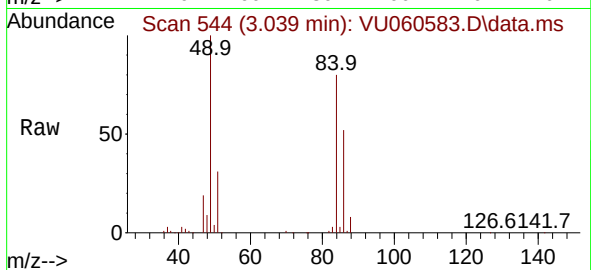
Lab File: VU060583.D

Acq: 03 Sep 2024 13:17

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 84 Resp: 123237

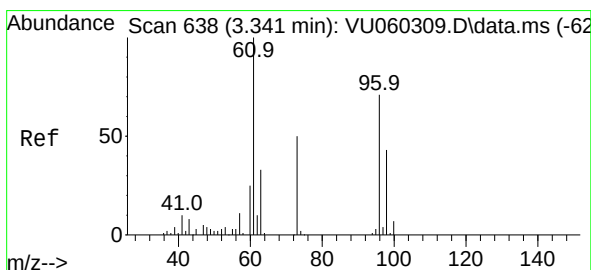
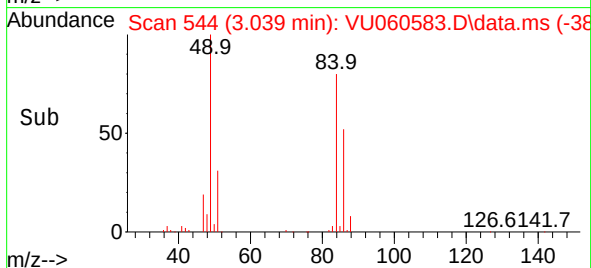
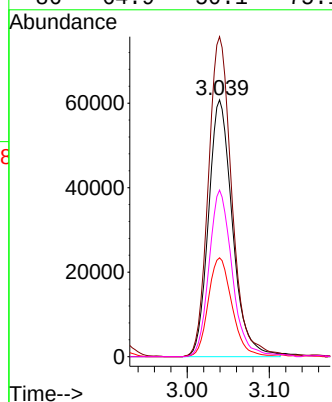
Ion Ratio Lower Upper

84 100

49 124.6 92.1 138.1

51 38.5 0.0 72.4

86 64.9 50.1 75.1



#16

trans-1,2-Dichloroethene

Concen: 9.467 ug/l

RT: 3.348 min Scan# 640

Delta R.T. 0.006 min

Lab File: VU060583.D

Acq: 03 Sep 2024 13:17

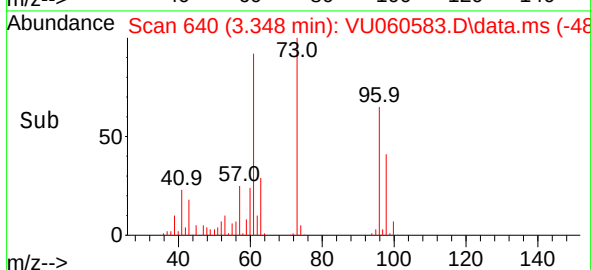
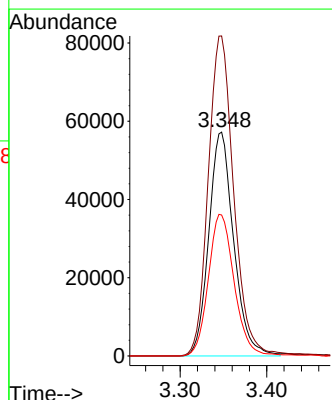
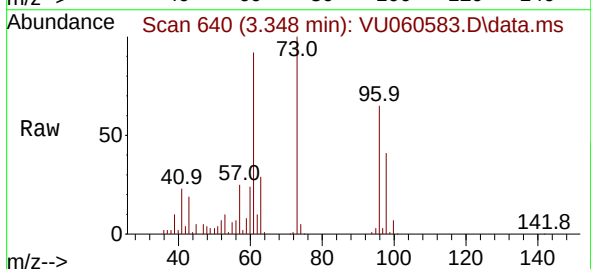
Tgt Ion: 96 Resp: 114363

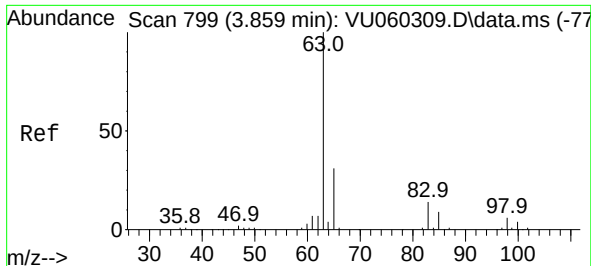
Ion Ratio Lower Upper

96 100

61 143.0 112.8 169.2

98 63.0 48.7 73.1

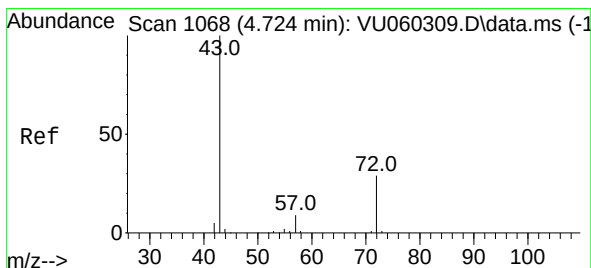
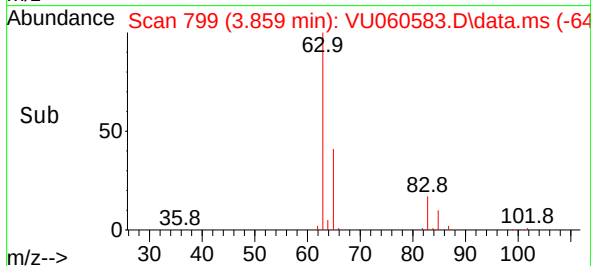
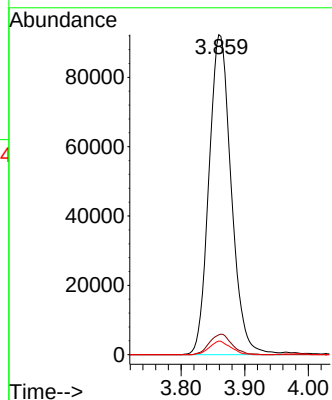
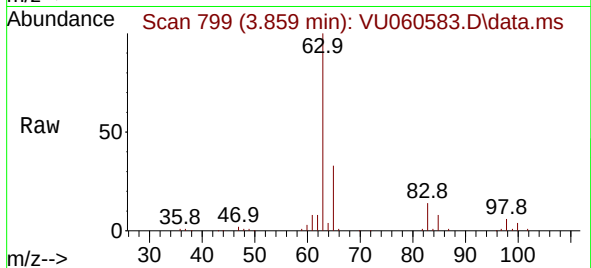




#17
1,1-Dichloroethane
Concen: 9.671 ug/l
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU060583.D
Acq: 03 Sep 2024 13:17

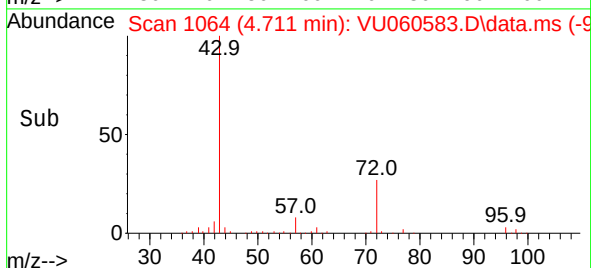
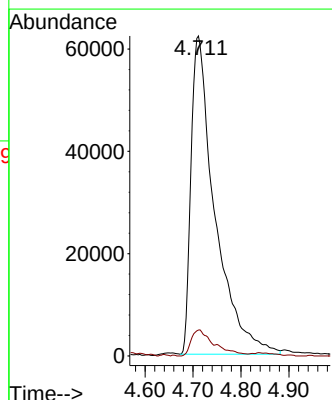
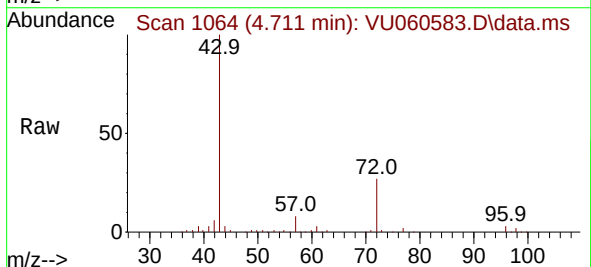
Instrument :
MSVOA_U
ClientSampleId :

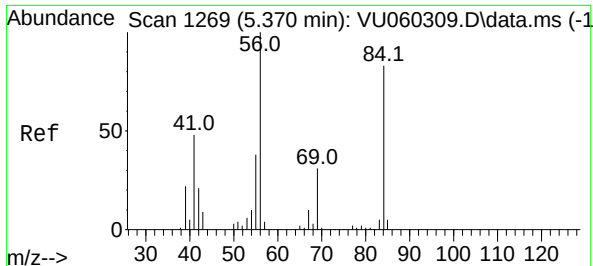
Tgt Ion: 63 Resp: 224616
Ion Ratio Lower Upper
63 100
98 6.2 3.1 9.4
100 4.3 2.0 5.8



#18
2-Butanone
Concen: 51.987 ug/l
RT: 4.711 min Scan# 1064
Delta R.T. -0.013 min
Lab File: VU060583.D
Acq: 03 Sep 2024 13:17

Tgt Ion: 43 Resp: 214870
Ion Ratio Lower Upper
43 100
57 8.1 0.0 18.4





#19

Cyclohexane

Concen: 8.118 ug/l

RT: 5.380 min Scan# 1

Delta R.T. 0.010 min

Lab File: VU060583.D

Acq: 03 Sep 2024 13:17

Instrument :

MSVOA_U

ClientSampleId :

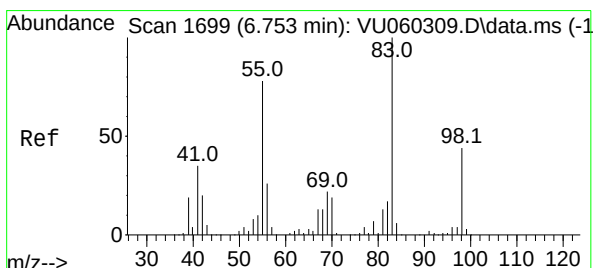
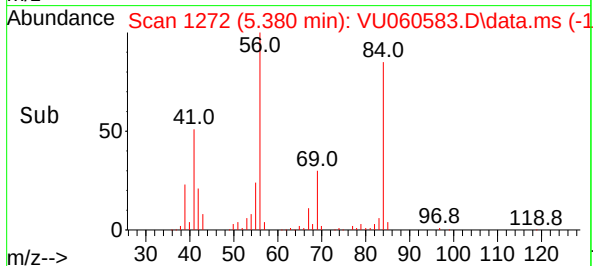
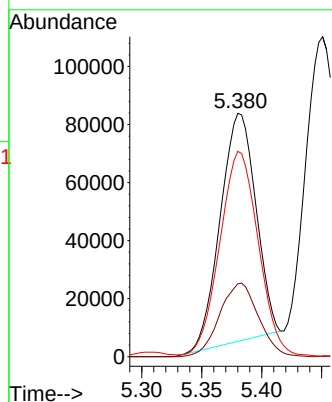
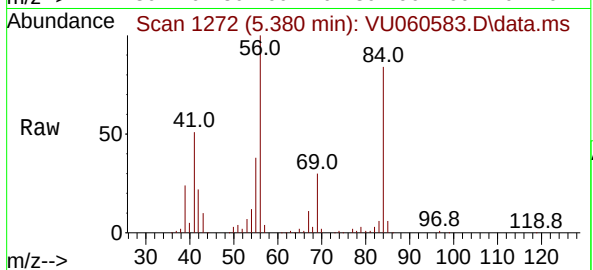
Tgt Ion: 56 Resp: 162535

Ion Ratio Lower Upper

56 100

69 35.1 24.2 36.2

84 96.3 63.9 95.9#



#20

Methylcyclohexane

Concen: 12.139 ug/l

RT: 6.756 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VU060583.D

Acq: 03 Sep 2024 13:17

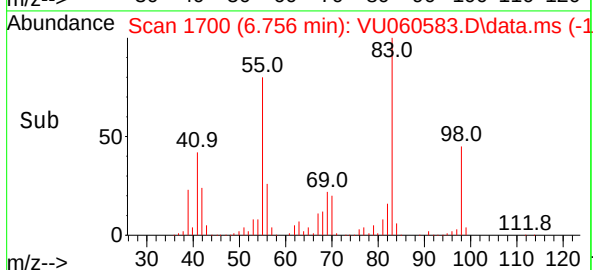
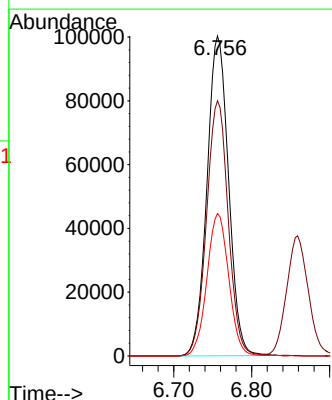
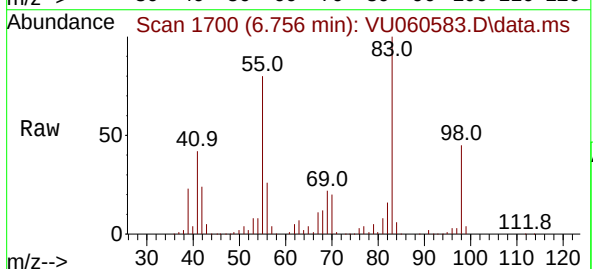
Tgt Ion: 83 Resp: 192868

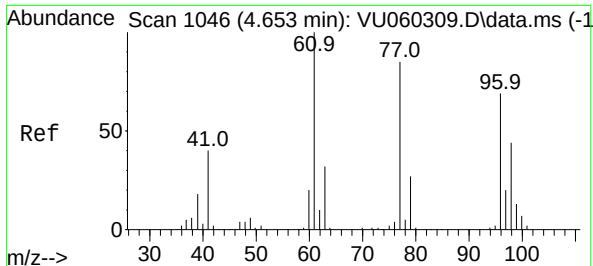
Ion Ratio Lower Upper

83 100

55 79.6 62.2 93.2

98 44.8 36.1 54.1

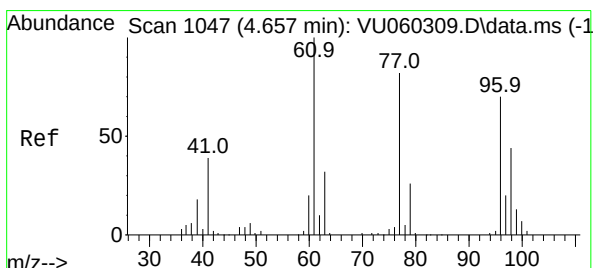
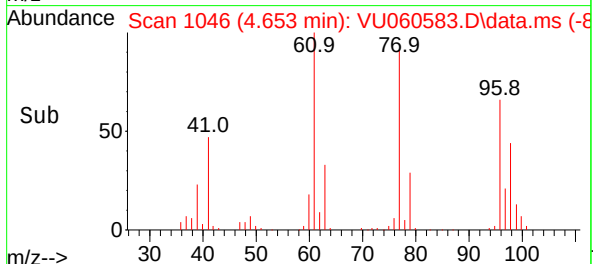
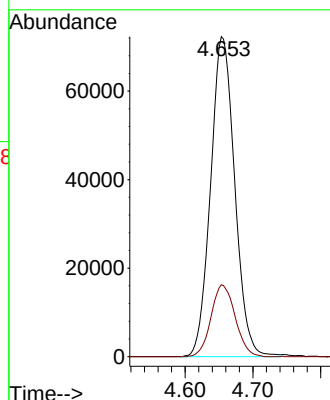
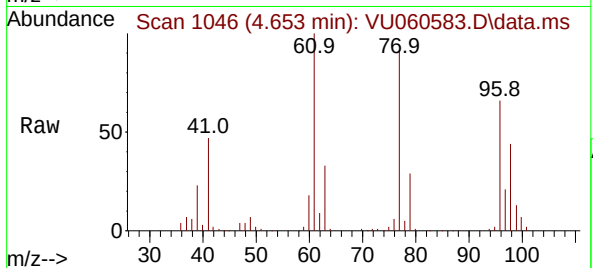




#21
2,2-Dichloropropane
Concen: 9.885 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. -0.000 min
Lab File: VU060583.D
Acq: 03 Sep 2024 13:17

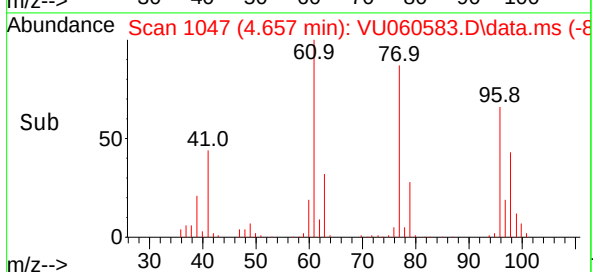
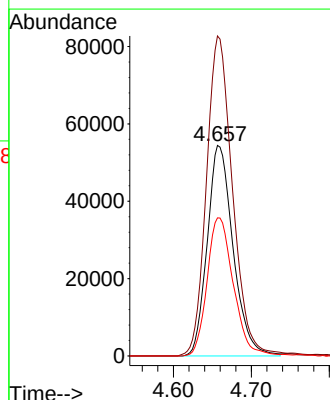
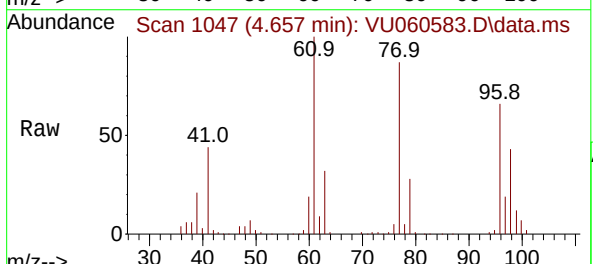
Instrument :
MSVOA_U
ClientSampleId :

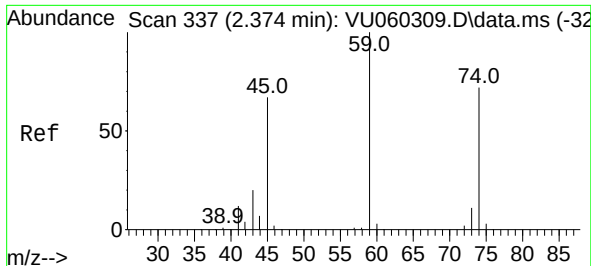
Tgt Ion: 77 Resp: 178789
Ion Ratio Lower Upper
77 100
97 22.5 18.6 27.8



#22
cis-1,2-Dichloroethene
Concen: 9.707 ug/l
RT: 4.657 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU060583.D
Acq: 03 Sep 2024 13:17

Tgt Ion: 96 Resp: 125612
Ion Ratio Lower Upper
96 100
61 153.2 0.0 372.8
98 66.6 31.8 95.4





#23

Diethyl Ether

Concen: 9.064 ug/l

RT: 2.374 min Scan# 337

Delta R.T. -0.000 min

Lab File: VU060583.D

Acq: 03 Sep 2024 13:17

Instrument :

MSVOA_U

ClientSampleId :

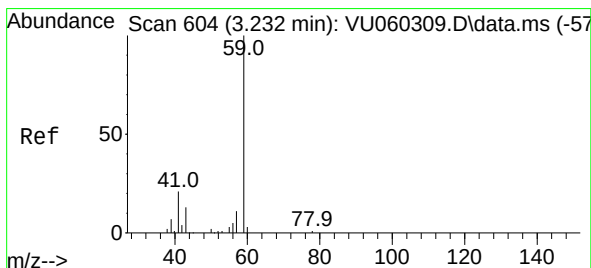
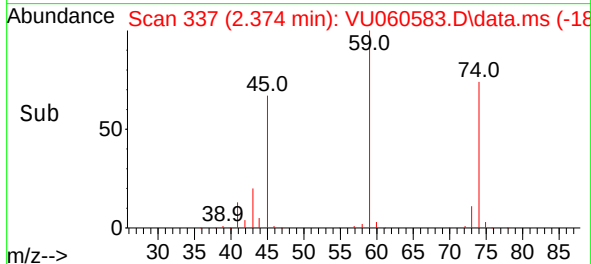
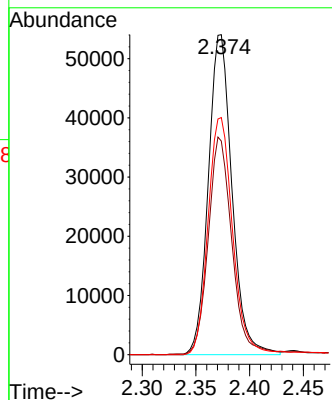
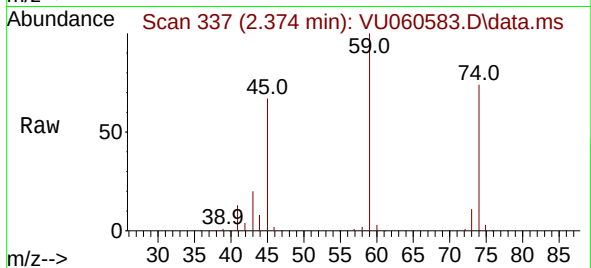
Tgt Ion: 59 Resp: 83047

Ion Ratio Lower Upper

59 100

45 67.8 55.8 83.6

74 77.2 59.2 88.8



#24

tert-Butyl Alcohol

Concen: 20.745 ug/l

RT: 3.264 min Scan# 614

Delta R.T. 0.032 min

Lab File: VU060583.D

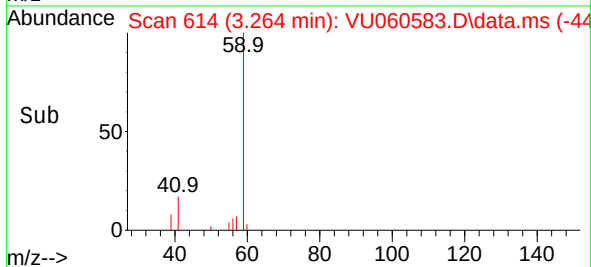
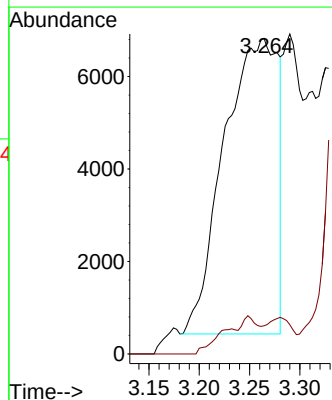
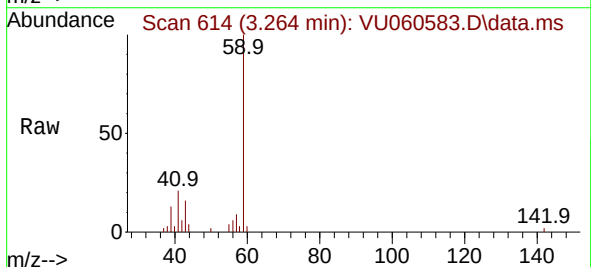
Acq: 03 Sep 2024 13:17

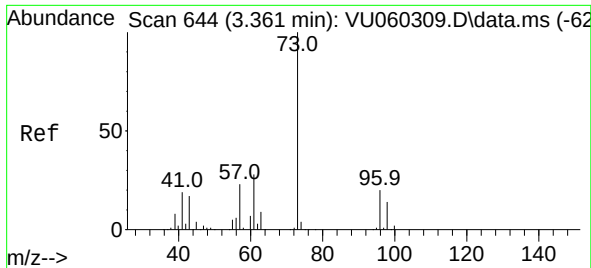
Tgt Ion: 59 Resp: 23742

Ion Ratio Lower Upper

59 100

57 236.0 4.5 6.7#

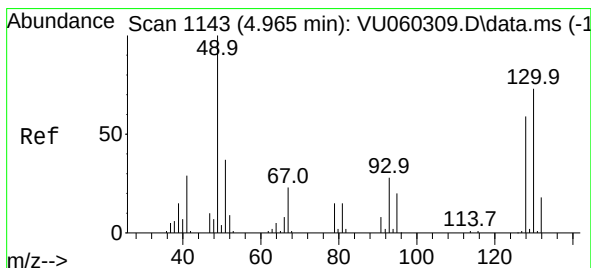
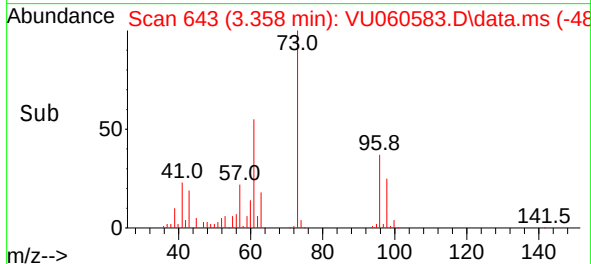
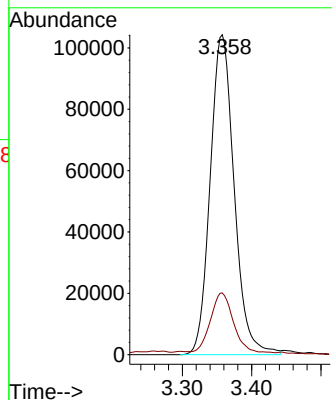
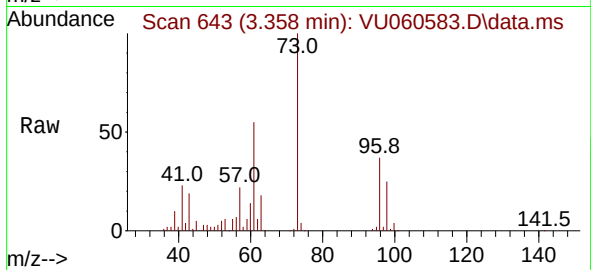




#25
Methyl tert-Butyl Ether
Concen: 9.064 ug/l
RT: 3.358 min Scan# 644
Delta R.T. -0.003 min
Lab File: VU060583.D
Acq: 03 Sep 2024 13:17

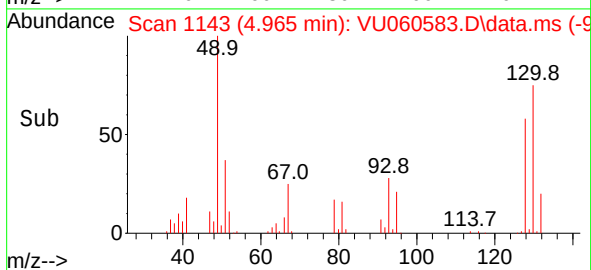
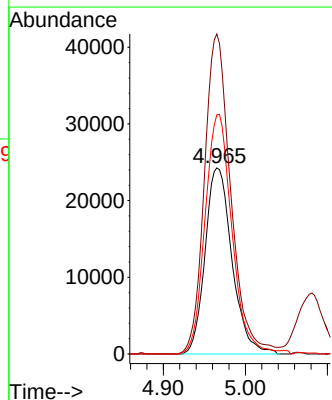
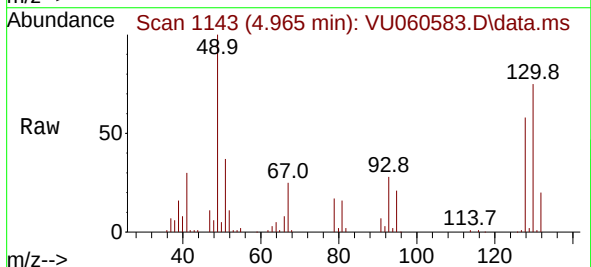
Instrument :
MSVOA_U
ClientSampleId :

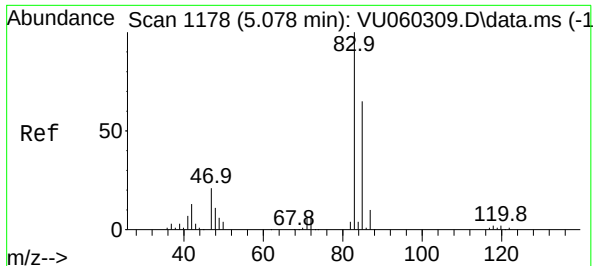
Tgt Ion: 73 Resp: 250858
Ion Ratio Lower Upper
73 100
43 18.1 14.1 21.1



#26
Bromochloromethane
Concen: 10.087 ug/l
RT: 4.965 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VU060583.D
Acq: 03 Sep 2024 13:17

Tgt Ion: 128 Resp: 55270
Ion Ratio Lower Upper
128 100
49 168.2 0.0 340.8
130 128.6 102.1 153.1





#27

Chloroform

Concen: 10.131 ug/l

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU060583.D

Acq: 03 Sep 2024 13:17

Instrument :

MSVOA_U

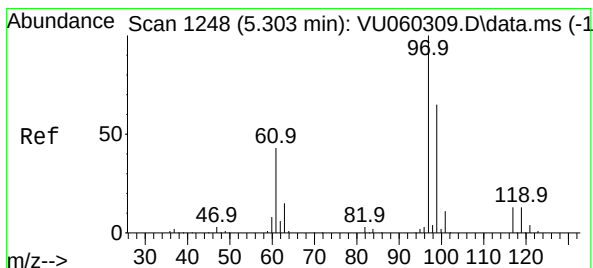
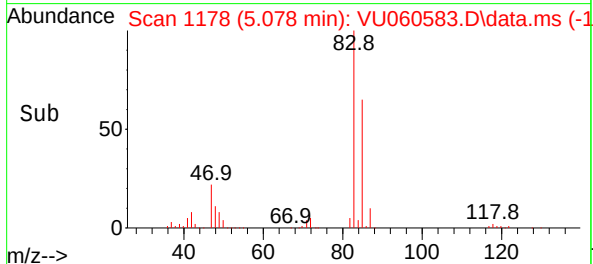
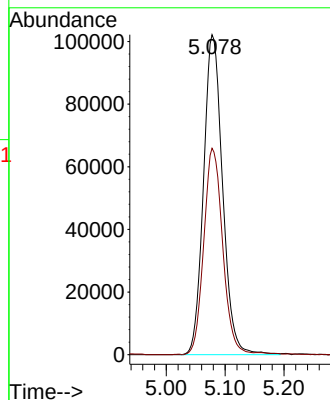
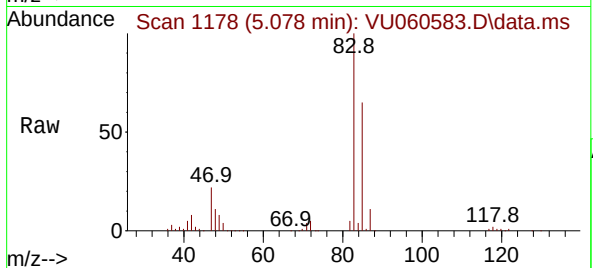
ClientSampleId :

Tgt Ion: 83 Resp: 230237

Ion Ratio Lower Upper

83 100

85 64.4 0.0 131.0



#28

1,1,1-Trichloroethane

Concen: 10.569 ug/l

RT: 5.309 min Scan# 1250

Delta R.T. 0.006 min

Lab File: VU060583.D

Acq: 03 Sep 2024 13:17

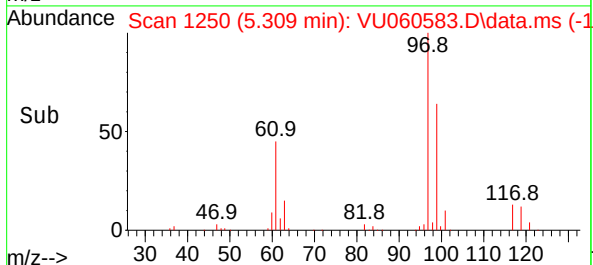
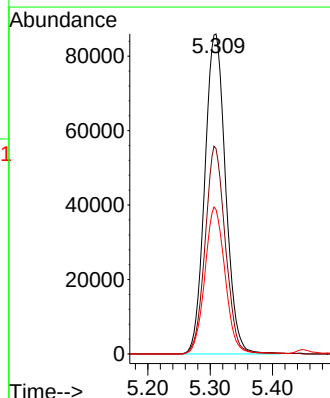
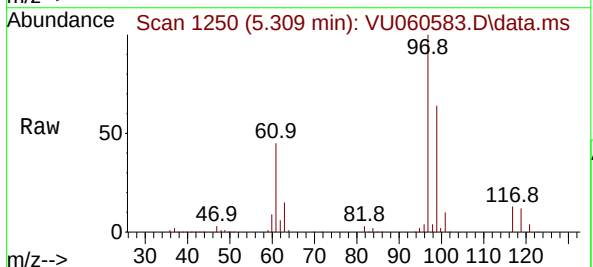
Tgt Ion: 97 Resp: 199513

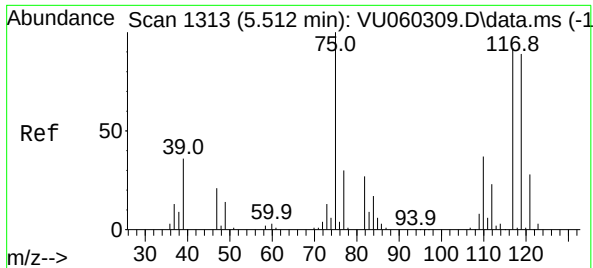
Ion Ratio Lower Upper

97 100

99 62.9 32.8 98.4

61 44.7 22.3 66.9

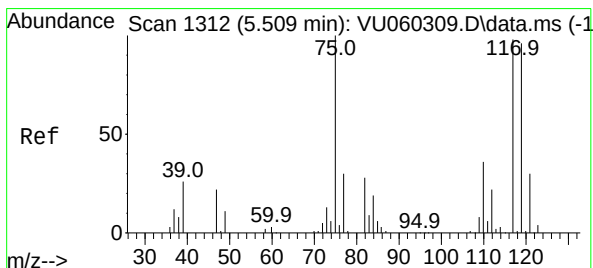
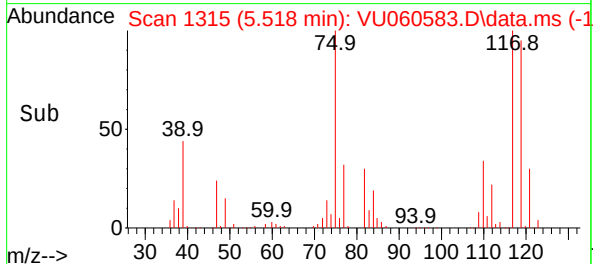
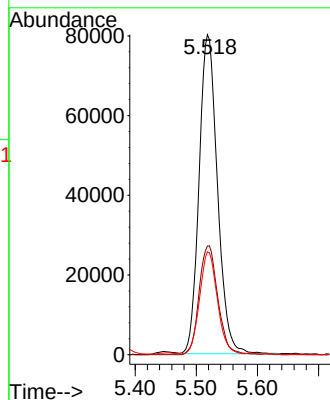
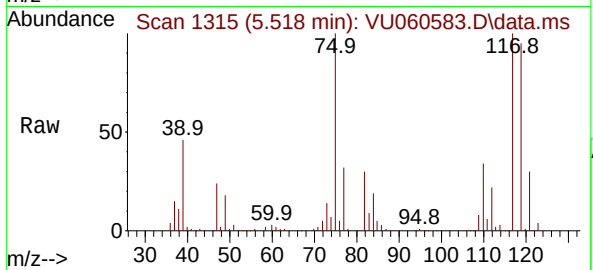




#29
1,1-Dichloropropene
Concen: 11.041 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VU060583.D
Acq: 03 Sep 2024 13:17

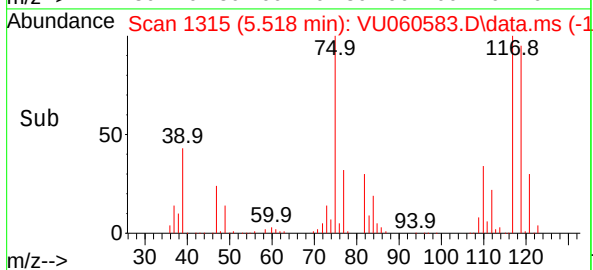
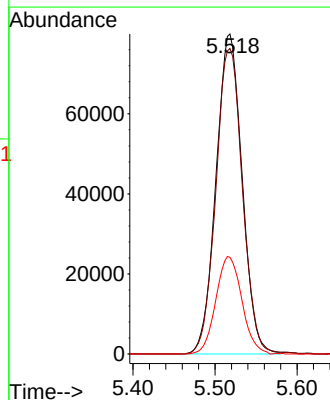
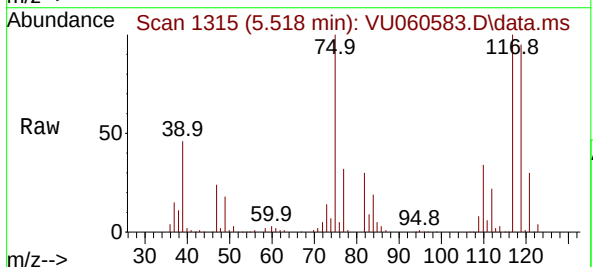
Instrument :
MSVOA_U
ClientSampleId :

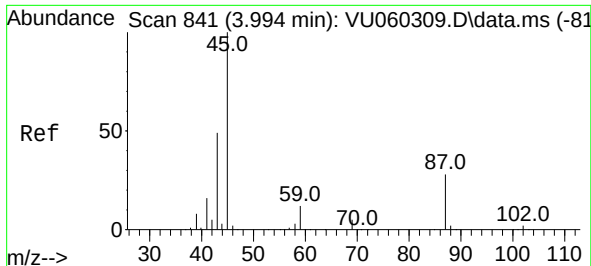
Tgt Ion: 75 Resp: 167009
Ion Ratio Lower Upper
75 100
110 34.9 18.4 55.2
77 30.8 24.8 37.2



#30
Carbon Tetrachloride
Concen: 11.513 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. 0.010 min
Lab File: VU060583.D
Acq: 03 Sep 2024 13:17

Tgt Ion:117 Resp: 177117
Ion Ratio Lower Upper
117 100
119 95.4 77.8 116.6
121 30.2 24.2 36.2

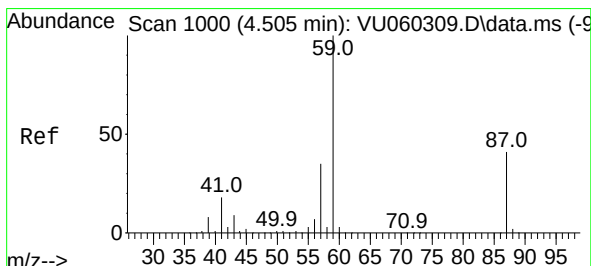
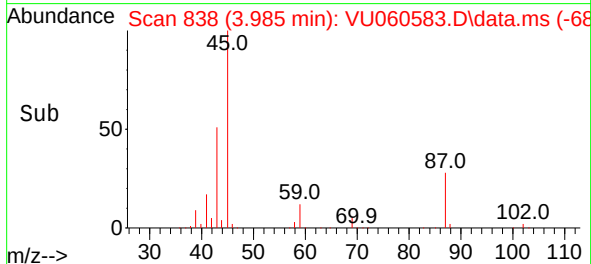
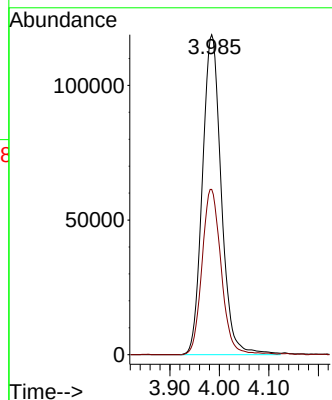
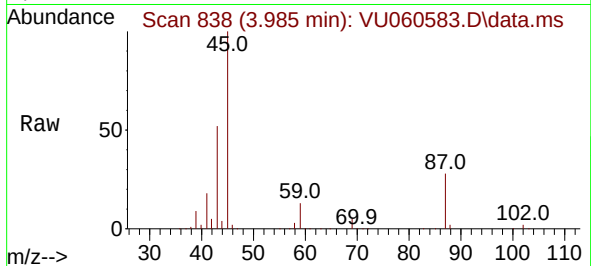




#31
Isopropyl Ether
Concen: 9.276 ug/l
RT: 3.985 min Scan# 841
Delta R.T. -0.010 min
Lab File: VU060583.D
Acq: 03 Sep 2024 13:17

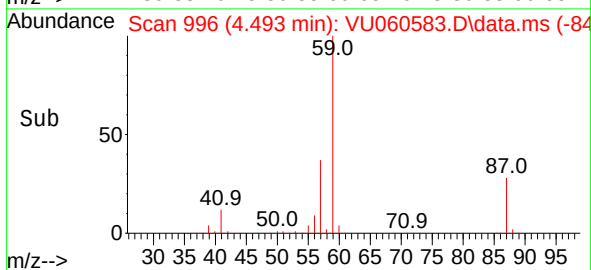
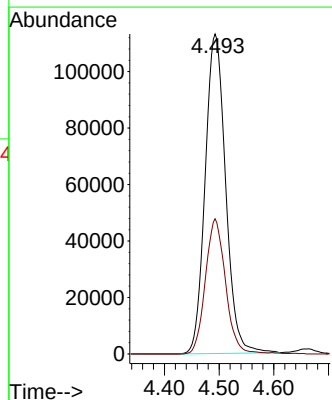
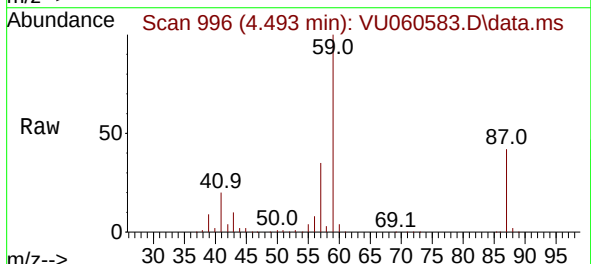
Instrument :
MSVOA_U
ClientSampleId :

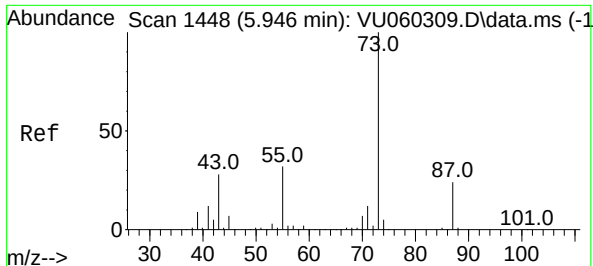
Tgt Ion: 45 Resp: 314925
Ion Ratio Lower Upper
45 100
43 52.3 24.7 74.1



#32
Ethyl-t-butyl ether
Concen: 8.968 ug/l
RT: 4.493 min Scan# 996
Delta R.T. -0.013 min
Lab File: VU060583.D
Acq: 03 Sep 2024 13:17

Tgt Ion: 59 Resp: 294266
Ion Ratio Lower Upper
59 100
87 41.0 32.6 49.0





#33

Tert-Amyl methyl ether

Concen: 11.228 ug/l

RT: 5.933 min Scan# 1444

Delta R.T. -0.013 min

Lab File: VU060583.D

Acq: 03 Sep 2024 13:17

Instrument :

MSVOA_U

ClientSampleId :

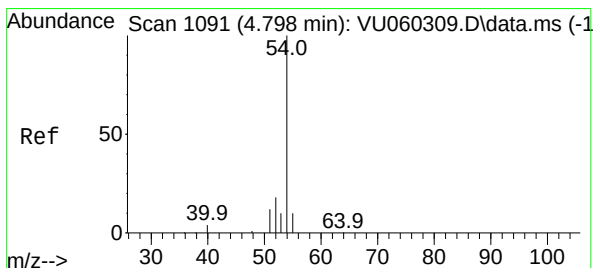
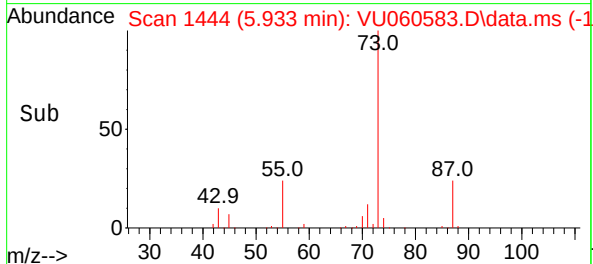
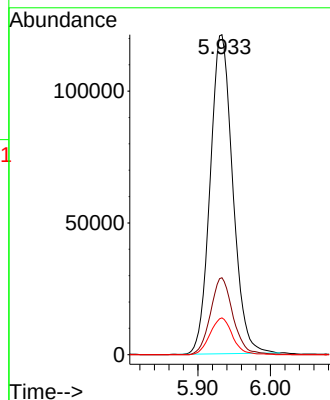
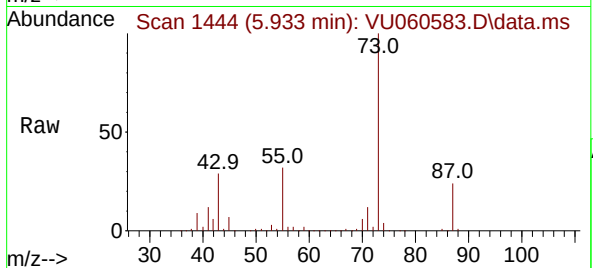
Tgt Ion: 73 Resp: 261528

Ion Ratio Lower Upper

73 100

87 23.9 19.6 29.4

71 11.5 9.5 14.3



#34

Propionitrile

Concen: 40.839 ug/l

RT: 4.798 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VU060583.D

Acq: 03 Sep 2024 13:17

Tgt Ion: 54 Resp: 48244

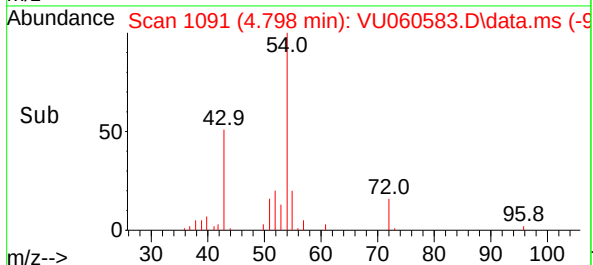
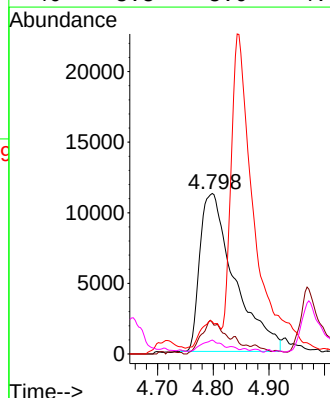
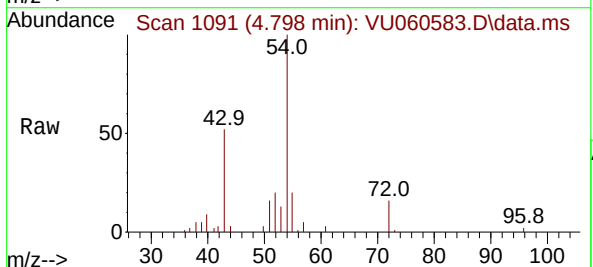
Ion Ratio Lower Upper

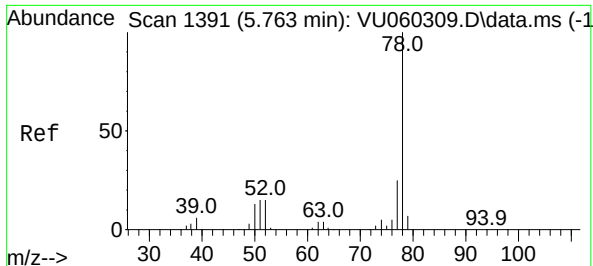
54 100

52 13.3 16.4 24.6#

55 11.1 5.2 7.8#

40 3.8 3.0 4.4





#35

Benzene

Concen: 10.492 ug/l

RT: 5.766 min Scan# 1391

Delta R.T. 0.003 min

Lab File: VU060583.D

Acq: 03 Sep 2024 13:17

Instrument :

MSVOA_U

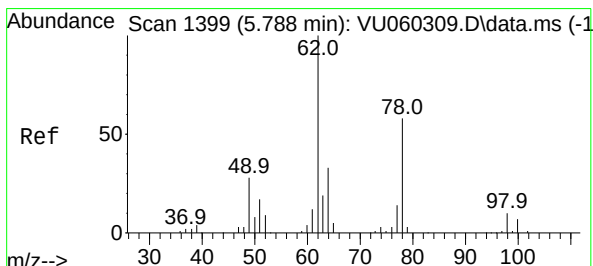
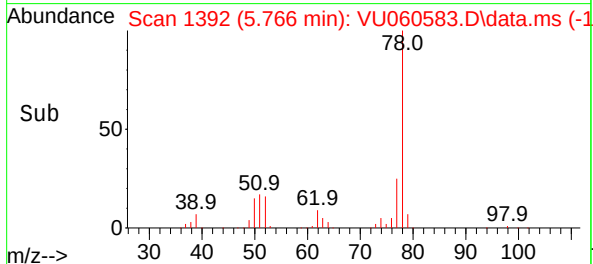
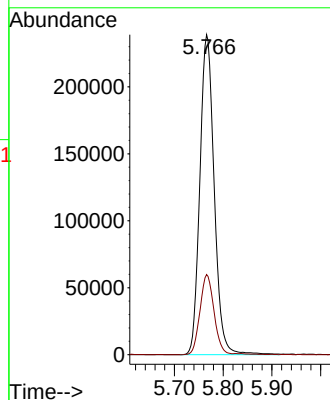
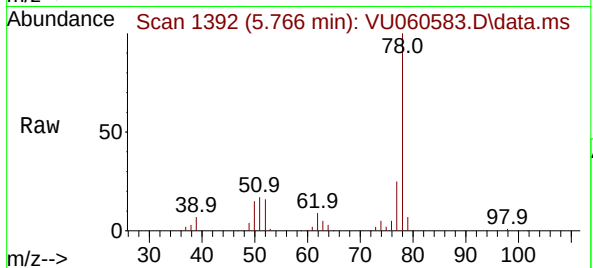
ClientSampleId :

Tgt Ion: 78 Resp: 489064

Ion Ratio Lower Upper

78 100

77 25.0 20.2 30.2



#36

1,2-Dichloroethane

Concen: 11.226 ug/l

RT: 5.785 min Scan# 1398

Delta R.T. -0.003 min

Lab File: VU060583.D

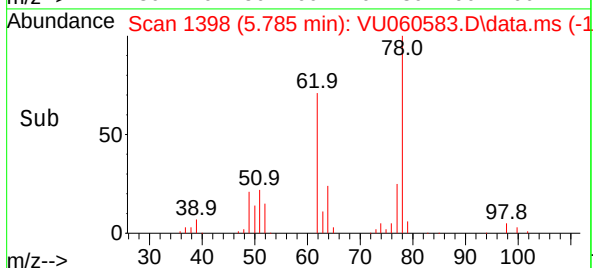
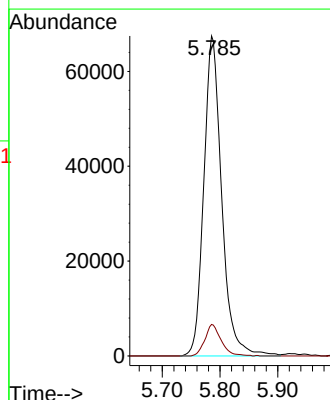
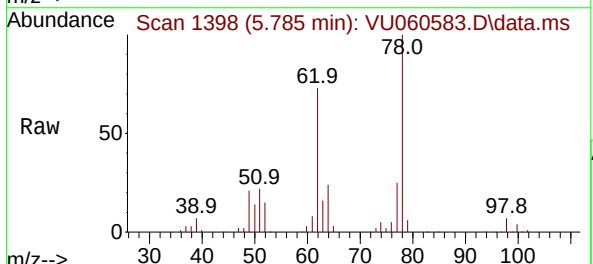
Acq: 03 Sep 2024 13:17

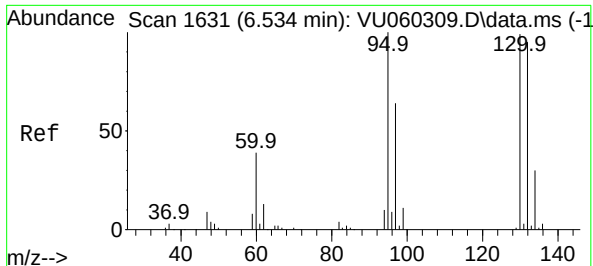
Tgt Ion: 62 Resp: 145407

Ion Ratio Lower Upper

62 100

98 8.9 8.1 12.1

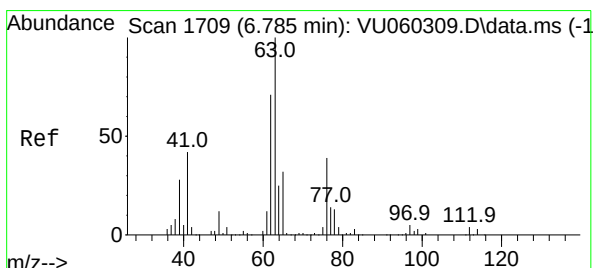
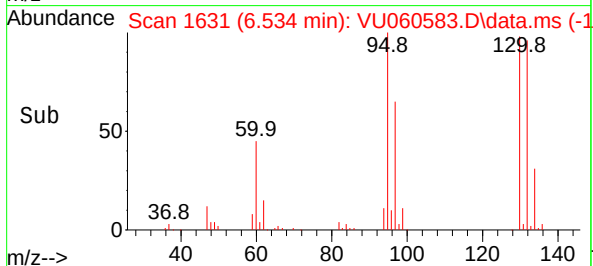
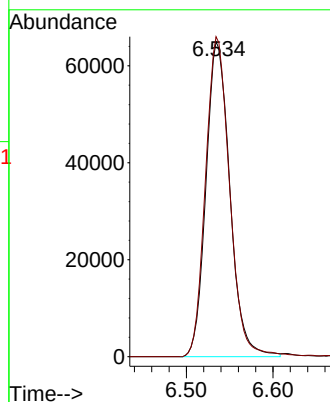
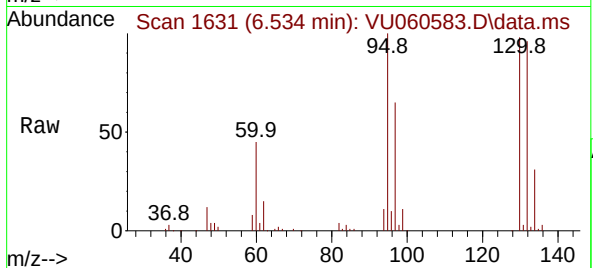




#37
Trichloroethene
Concen: 10.785 ug/l
RT: 6.534 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU060583.D
Acq: 03 Sep 2024 13:17

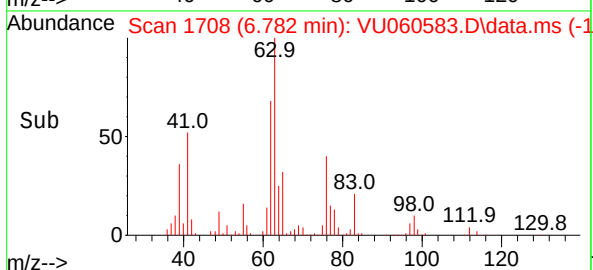
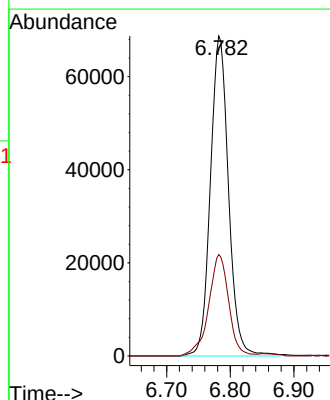
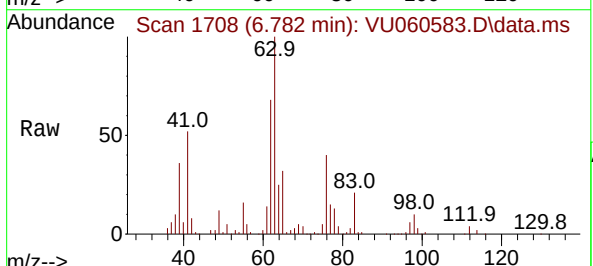
Instrument :
MSVOA_U
ClientSampleId :

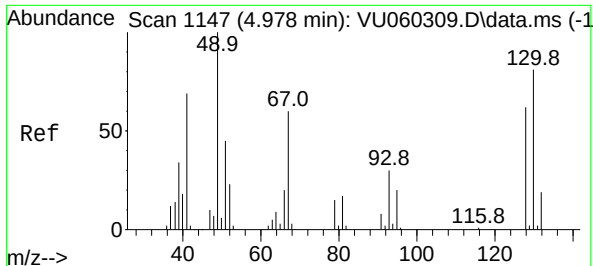
Tgt Ion:130 Resp: 124441
Ion Ratio Lower Upper
130 100
95 101.6 80.6 121.0



#38
1,2-Dichloropropane
Concen: 10.783 ug/l
RT: 6.782 min Scan# 1708
Delta R.T. -0.003 min
Lab File: VU060583.D
Acq: 03 Sep 2024 13:17

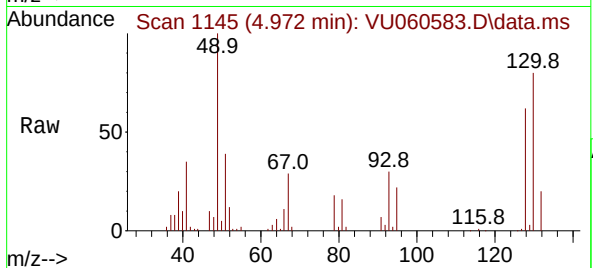
Tgt Ion: 63 Resp: 135956
Ion Ratio Lower Upper
63 100
65 31.7 25.6 38.4





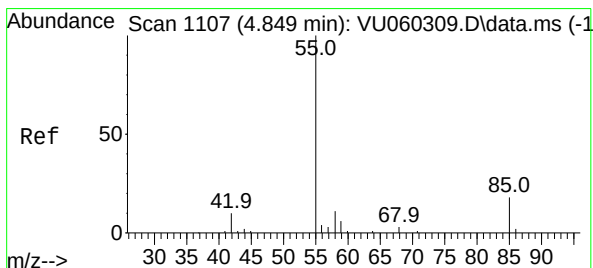
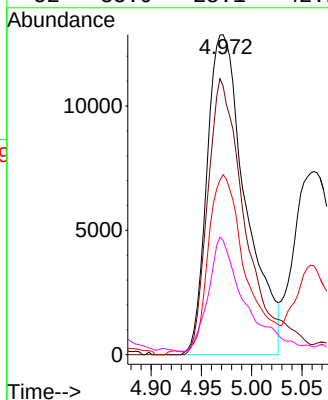
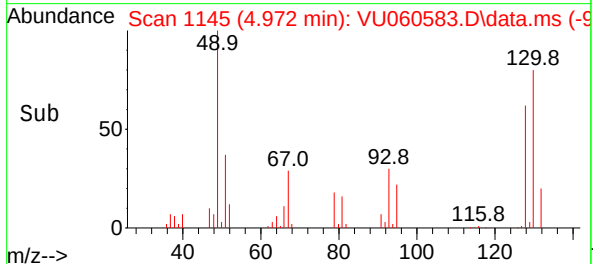
#39
Methacrylonitrile
Concen: 8.035 ug/l
RT: 4.972 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VU060583.D
Acq: 03 Sep 2024 13:17

Instrument :
MSVOA_U
ClientSampleId :

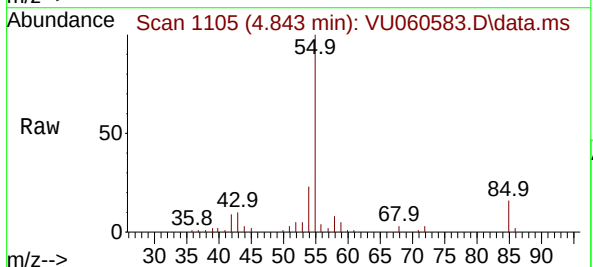


Tgt Ion: 41 Resp: 34352

Ion	Ratio	Lower	Upper
41	100		
67	86.0	67.4	101.0
39	53.0	41.7	62.5
52	33.9	28.1	42.1

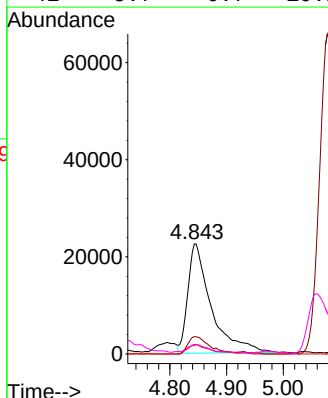
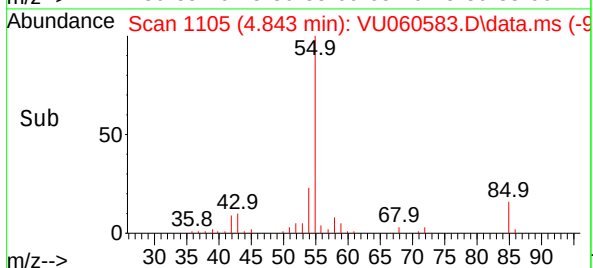


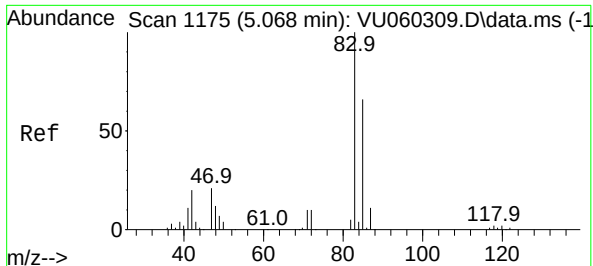
#40
Methyl acrylate
Concen: 8.600 ug/l
RT: 4.843 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VU060583.D
Acq: 03 Sep 2024 13:17



Tgt Ion: 55 Resp: 64385

Ion	Ratio	Lower	Upper
55	100		
85	14.7	13.6	20.4
58	8.2	7.6	11.4
42	5.7	6.7	10.1

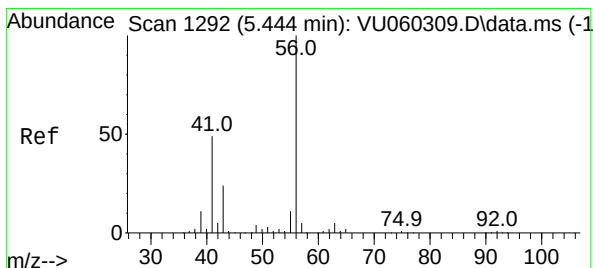
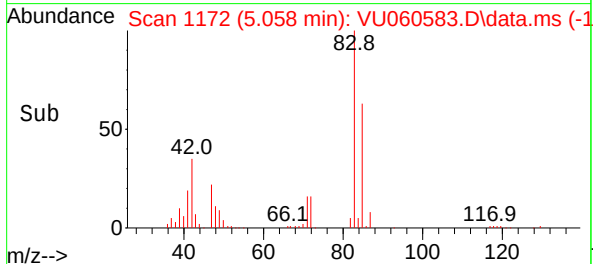
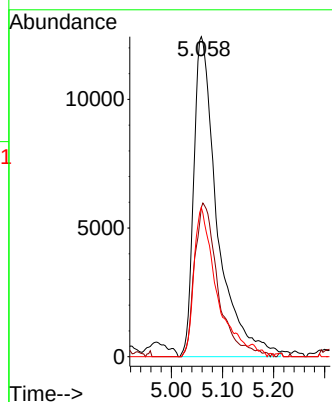
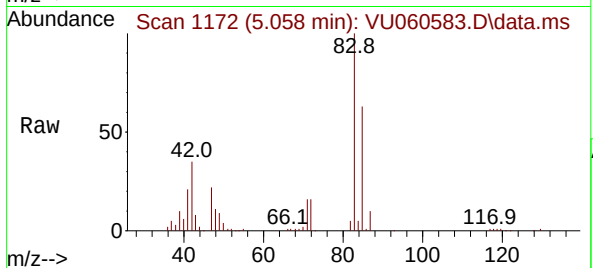




#41
Tetrahydrofuran
Concen: 17.110 ug/l
RT: 5.058 min Scan# 1175
Delta R.T. -0.010 min
Lab File: VU060583.D
Acq: 03 Sep 2024 13:17

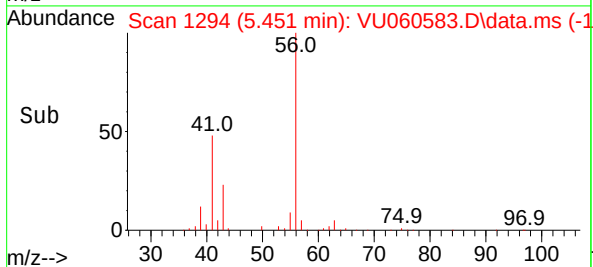
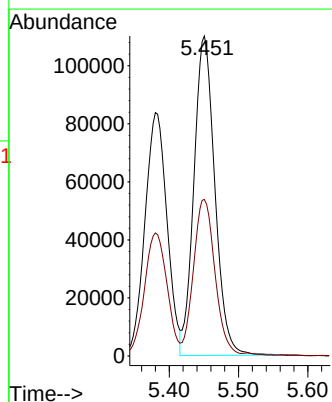
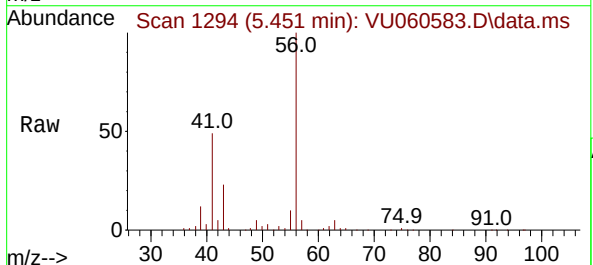
Instrument :
MSVOA_U
ClientSampleId :

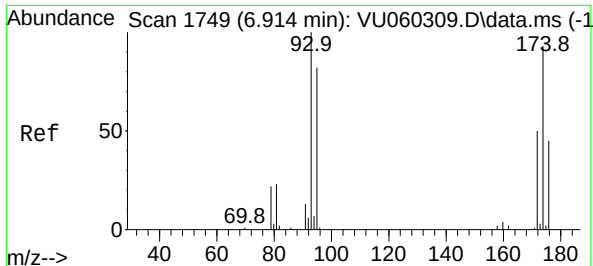
Tgt Ion: 42 Resp: 39833
Ion Ratio Lower Upper
42 100
72 47.3 40.6 60.8
71 44.1 38.0 57.0



#42
1-Chlorobutane
Concen: 11.086 ug/l
RT: 5.451 min Scan# 1294
Delta R.T. 0.006 min
Lab File: VU060583.D
Acq: 03 Sep 2024 13:17

Tgt Ion: 56 Resp: 231204
Ion Ratio Lower Upper
56 100
41 49.0 23.8 71.5





#43

Dibromomethane

Concen: 9.870 ug/l

RT: 6.910 min Scan# 1

Delta R.T. -0.003 min

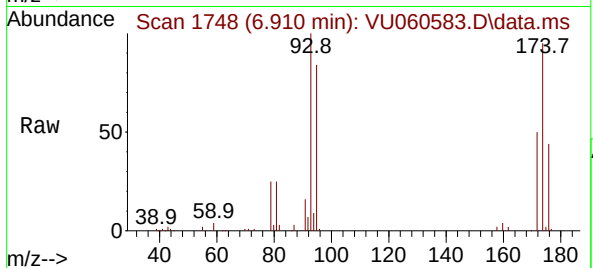
Lab File: VU060583.D

Acq: 03 Sep 2024 13:17

Instrument :

MSVOA_U

ClientSampleId :



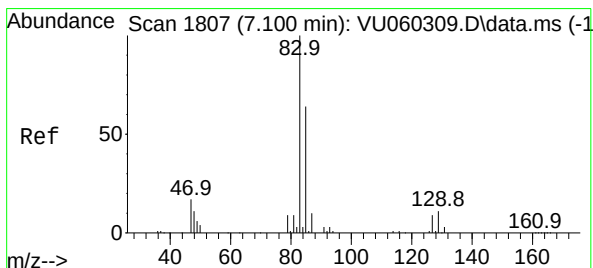
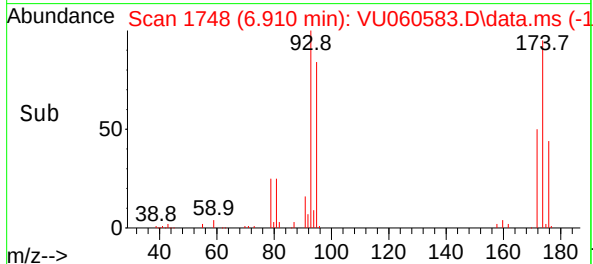
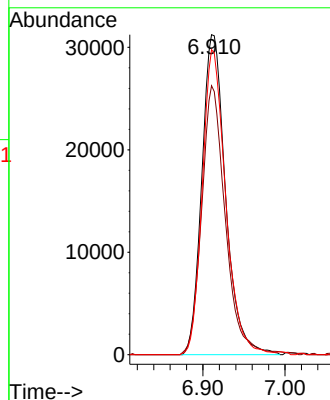
Tgt Ion: 93 Resp: 62956

Ion Ratio Lower Upper

93 100

95 83.7 66.4 99.6

174 93.8 75.2 112.8



#44

Bromodichloromethane

Concen: 10.955 ug/l

RT: 7.097 min Scan# 1806

Delta R.T. -0.003 min

Lab File: VU060583.D

Acq: 03 Sep 2024 13:17

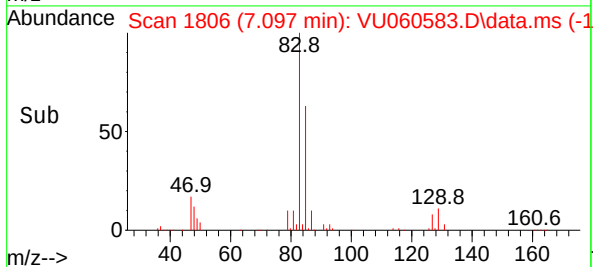
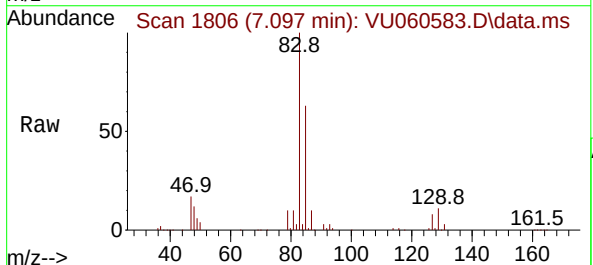
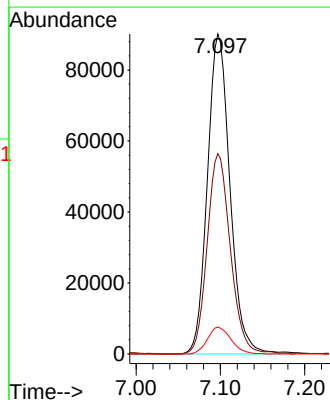
Tgt Ion: 83 Resp: 167764

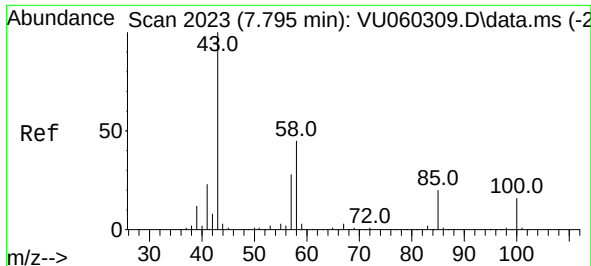
Ion Ratio Lower Upper

83 100

85 62.6 51.3 76.9

127 9.5 6.8 10.2

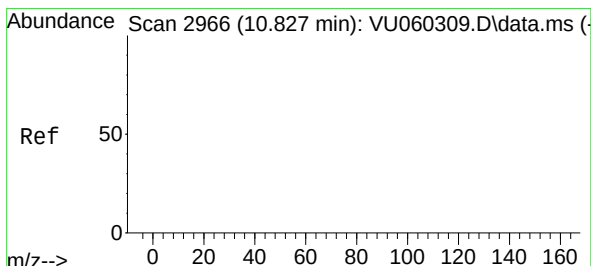
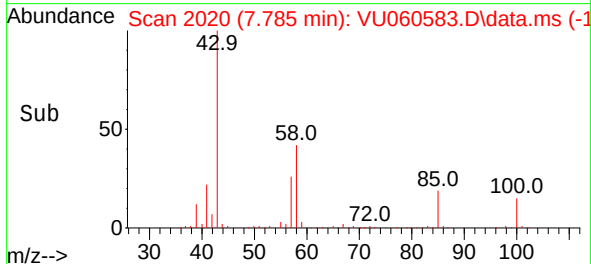
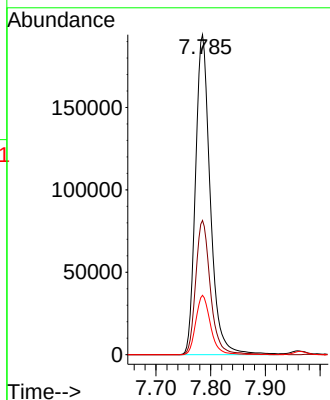
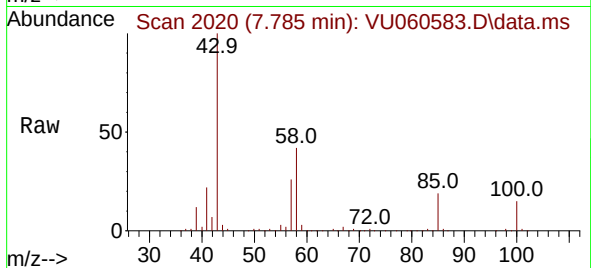




#45
4-Methyl-2-Pentanone
Concen: 60.836 ug/l
RT: 7.785 min Scan# 20
Delta R.T. -0.010 min
Lab File: VU060583.D
Acq: 03 Sep 2024 13:17

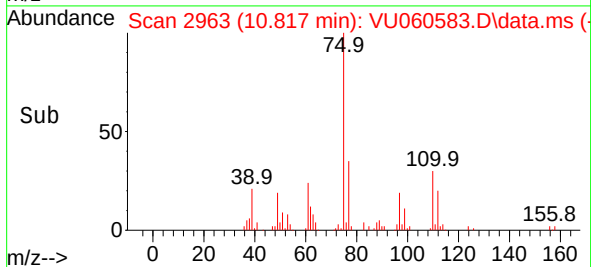
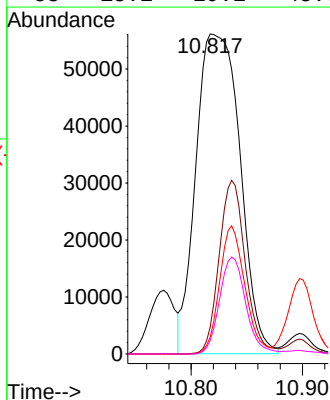
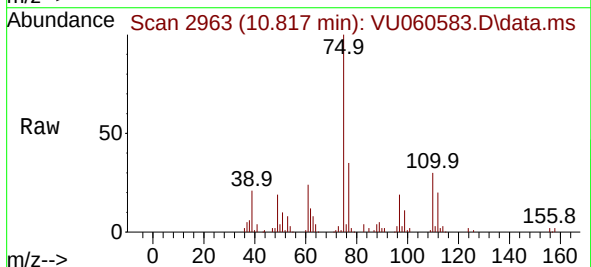
Instrument :
MSVOA_U
ClientSampleId :

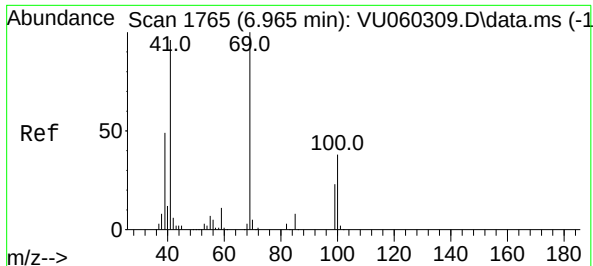
Tgt Ion: 43 Resp: 364357
Ion Ratio Lower Upper
43 100
58 41.8 22.3 66.9
85 18.4 16.0 24.0



#46
t-1,4-Dichloro-2-butene
Concen: 45.946 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. -0.010 min
Lab File: VU060583.D
Acq: 03 Sep 2024 13:17

Tgt Ion: 75 Resp: 154199
Ion Ratio Lower Upper
75 100
53 32.4 57.2 85.8#
89 23.2 40.4 60.6#
88 18.1 29.1 43.7#





#47

Methyl methacrylate

Concen: 22.957 ug/l

RT: 6.955 min Scan# 1

Delta R.T. -0.010 min

Lab File: VU060583.D

Acq: 03 Sep 2024 13:17

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 69 Resp: 118818

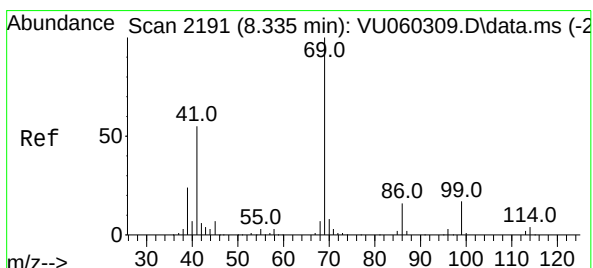
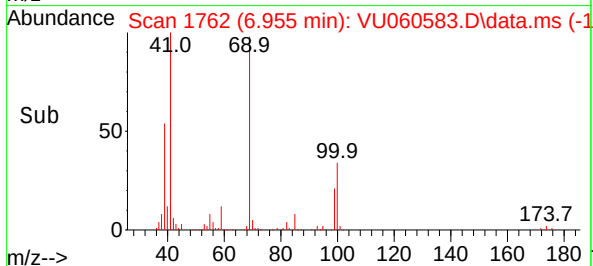
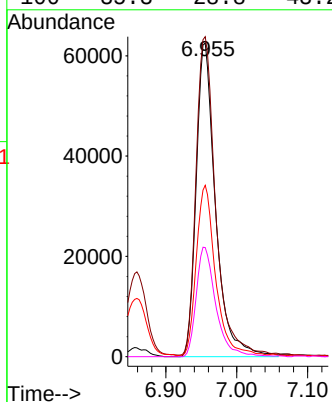
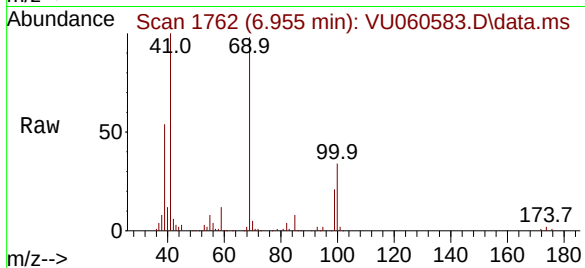
Ion Ratio Lower Upper

69 100

41 102.3 0.0 194.0

39 53.6 38.0 57.0

100 35.3 28.8 43.2



#48

Ethyl methacrylate

Concen: 12.233 ug/l

RT: 8.325 min Scan# 2188

Delta R.T. -0.010 min

Lab File: VU060583.D

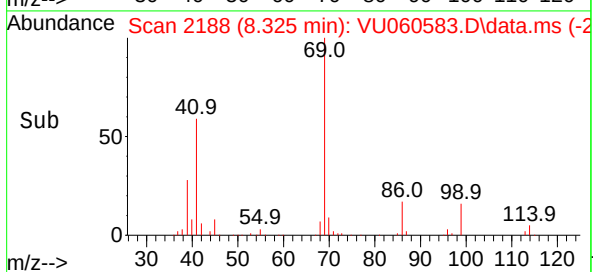
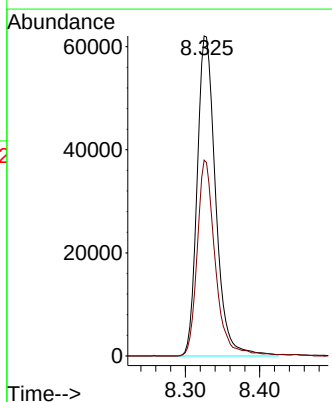
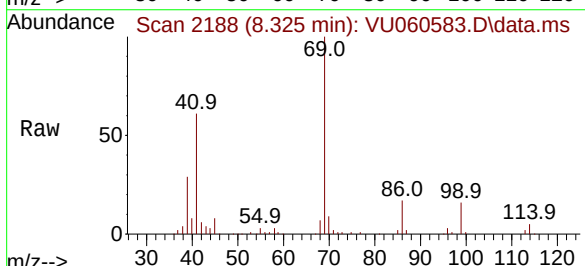
Acq: 03 Sep 2024 13:17

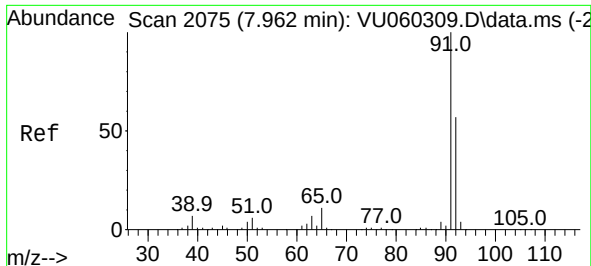
Tgt Ion: 69 Resp: 107503

Ion Ratio Lower Upper

69 100

41 59.6 27.5 82.5





#49

Toluene

Concen: 11.634 ug/l

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU060583.D

Acq: 03 Sep 2024 13:17

Instrument :

MSVOA_U

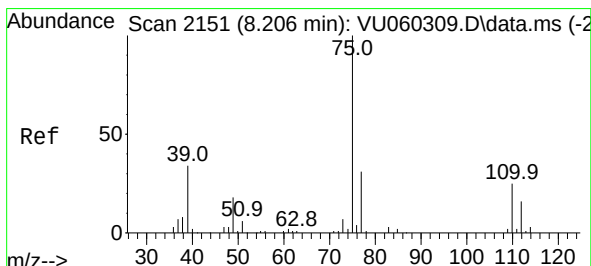
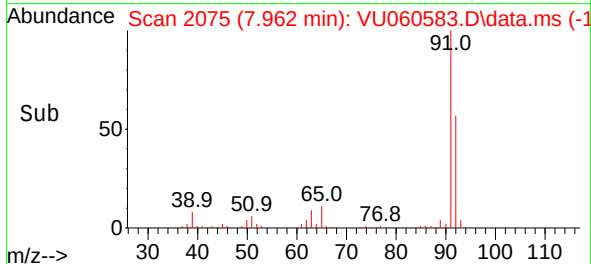
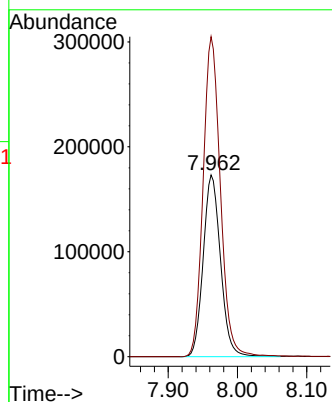
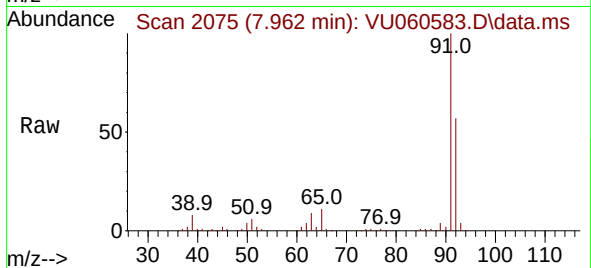
ClientSampleId :

Tgt Ion: 92 Resp: 300683

Ion Ratio Lower Upper

92 100

91 175.8 141.0 211.4



#50

t-1,3-Dichloropropene

Concen: 12.105 ug/l

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU060583.D

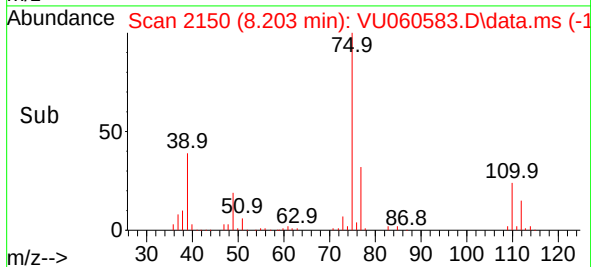
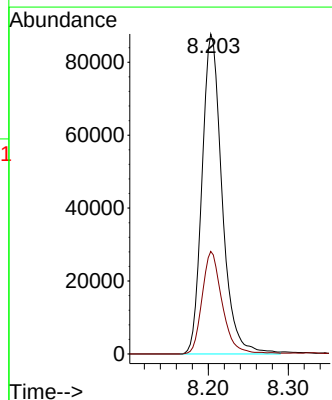
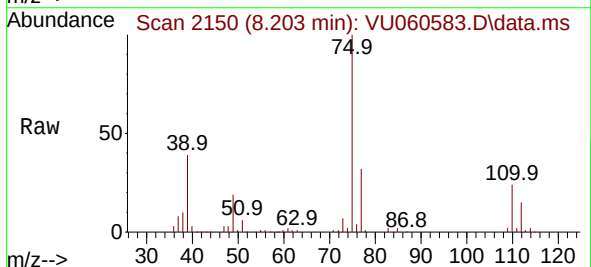
Acq: 03 Sep 2024 13:17

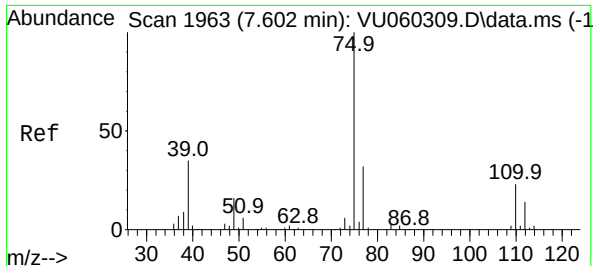
Tgt Ion: 75 Resp: 153043

Ion Ratio Lower Upper

75 100

77 32.1 24.6 37.0





#51

cis-1,3-Dichloropropene

Concen: 11.794 ug/l

RT: 7.599 min Scan# 1962

Delta R.T. -0.003 min

Lab File: VU060583.D

Acq: 03 Sep 2024 13:17

Instrument :

MSVOA_U

ClientSampleId :

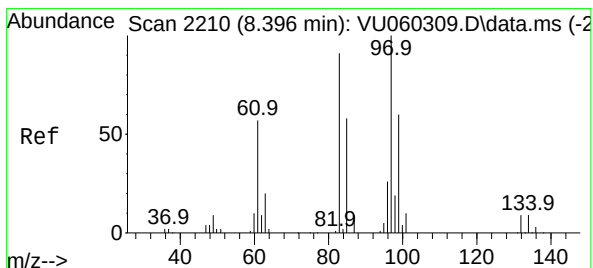
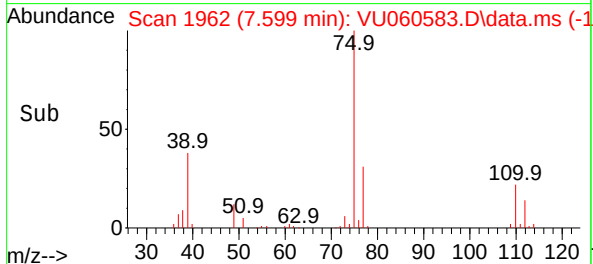
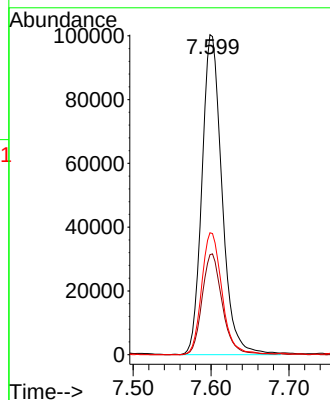
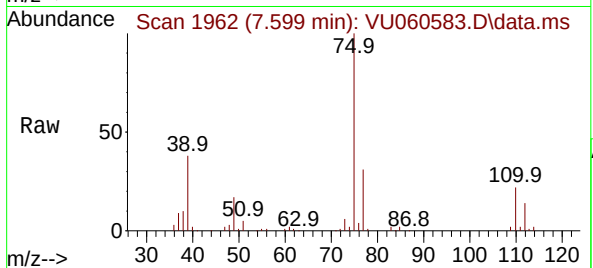
Tgt Ion: 75 Resp: 179383

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.0

39 38.1 28.0 42.0



#52

1,1,2-Trichloroethane

Concen: 9.711 ug/l

RT: 8.393 min Scan# 2209

Delta R.T. -0.003 min

Lab File: VU060583.D

Acq: 03 Sep 2024 13:17

Tgt Ion: 97 Resp: 90928

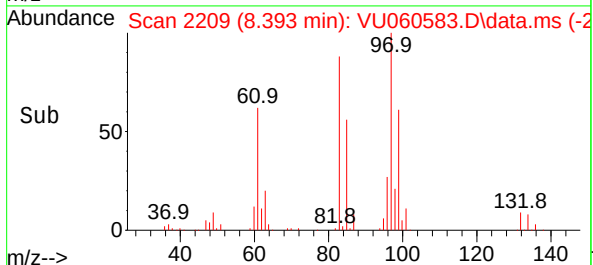
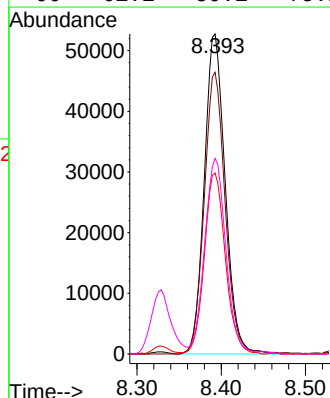
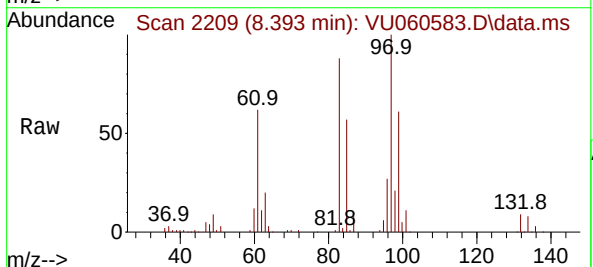
Ion Ratio Lower Upper

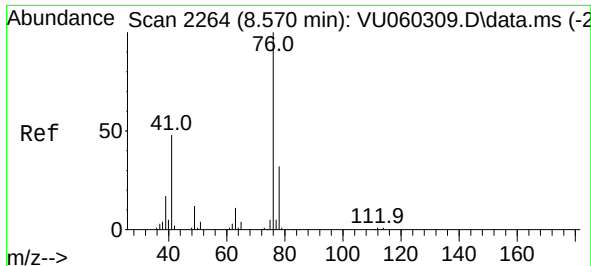
97 100

83 88.0 73.0 109.4

85 56.5 46.2 69.4

99 61.1 50.1 75.1





#53

1,3-Dichloropropane

Concen: 10.765 ug/l

RT: 8.566 min Scan# 2263

Delta R.T. -0.003 min

Lab File: VU060583.D

Acq: 03 Sep 2024 13:17

Instrument :

MSVOA_U

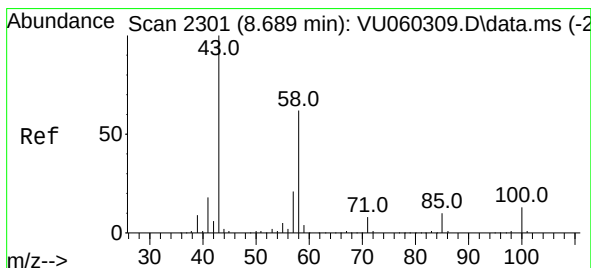
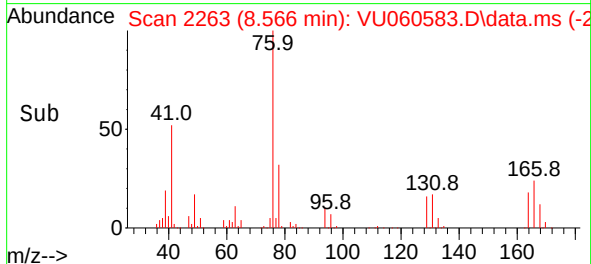
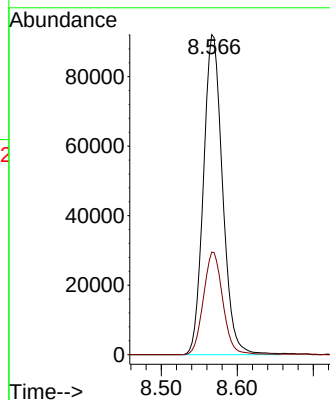
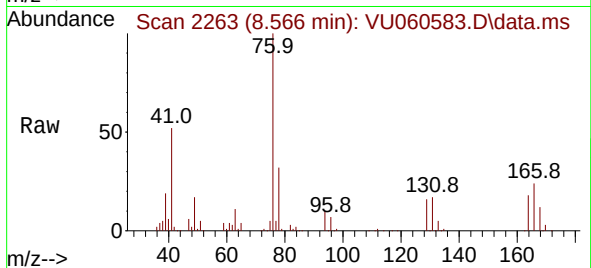
ClientSampleId :

Tgt Ion: 76 Resp: 160830

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.2



#54

2-Hexanone

Concen: 68.121 ug/l

RT: 8.679 min Scan# 2298

Delta R.T. -0.010 min

Lab File: VU060583.D

Acq: 03 Sep 2024 13:17

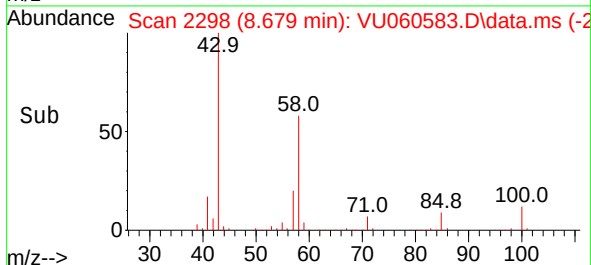
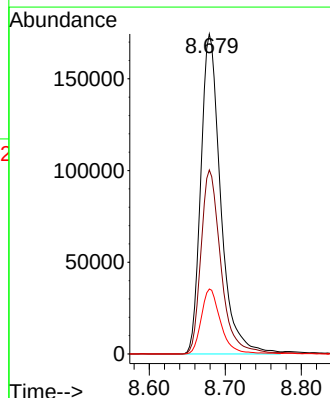
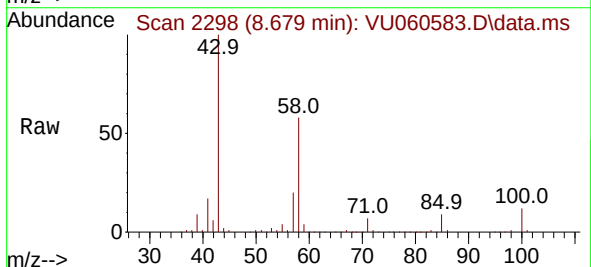
Tgt Ion: 43 Resp: 316210

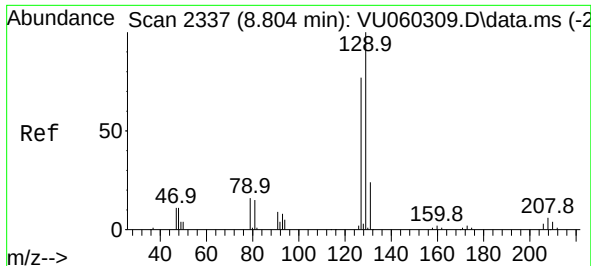
Ion Ratio Lower Upper

43 100

58 57.6 40.1 80.1

57 19.9 0.3 40.3





#55

Dibromochloromethane

Concen: 10.865 ug/l

RT: 8.801 min Scan# 2336

Delta R.T. -0.003 min

Lab File: VU060583.D

Acq: 03 Sep 2024 13:17

Instrument :

MSVOA_U

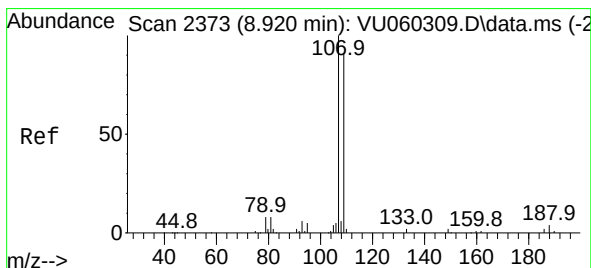
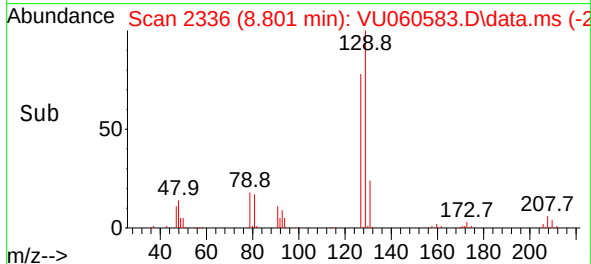
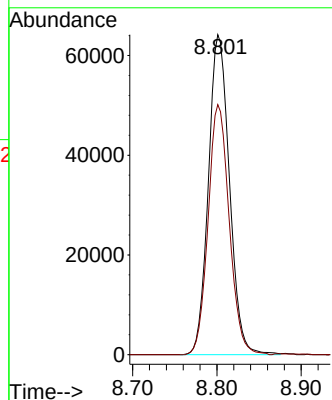
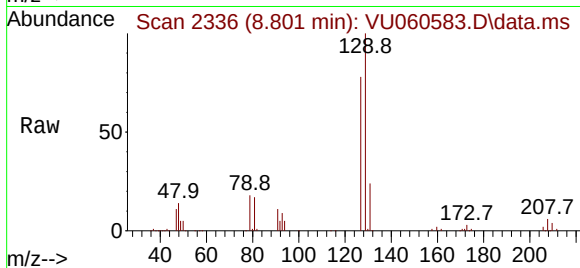
ClientSampleId :

Tgt Ion:129 Resp: 111591

Ion Ratio Lower Upper

129 100

127 78.4 61.6 92.4



#56

1,2-Dibromoethane

Concen: 9.846 ug/l

RT: 8.917 min Scan# 2372

Delta R.T. -0.003 min

Lab File: VU060583.D

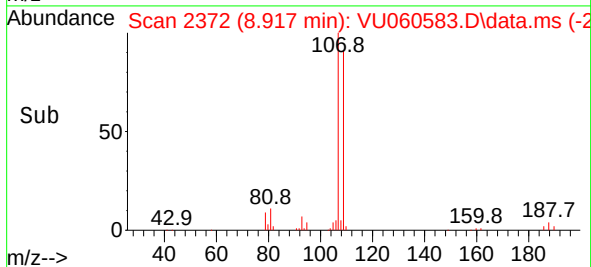
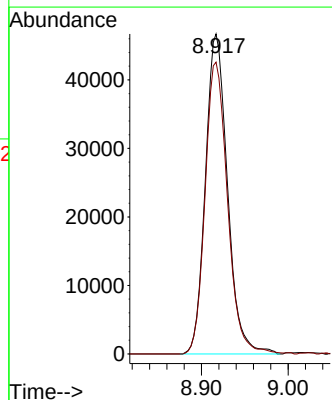
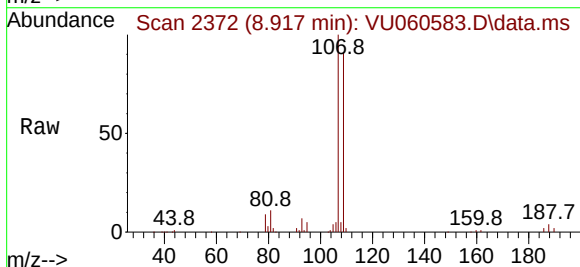
Acq: 03 Sep 2024 13:17

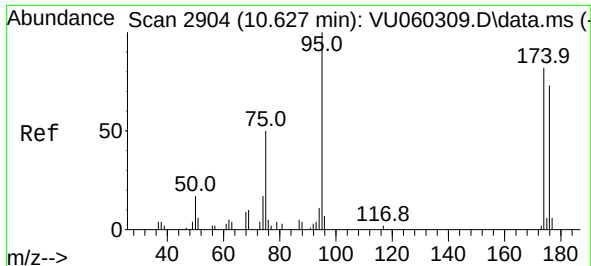
Tgt Ion:107 Resp: 82669

Ion Ratio Lower Upper

107 100

109 92.8 0.0 184.0

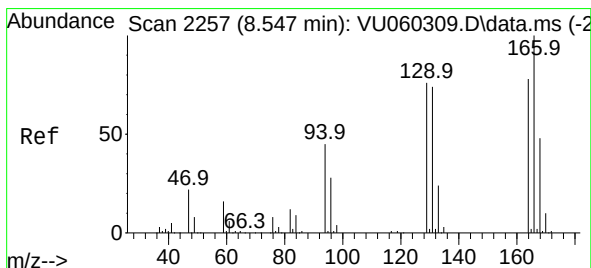
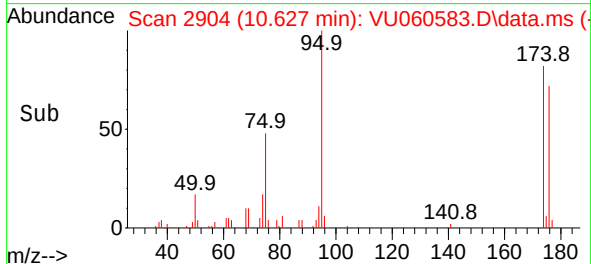
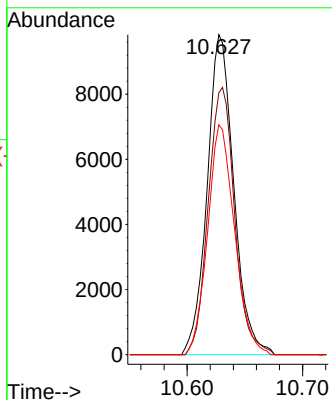
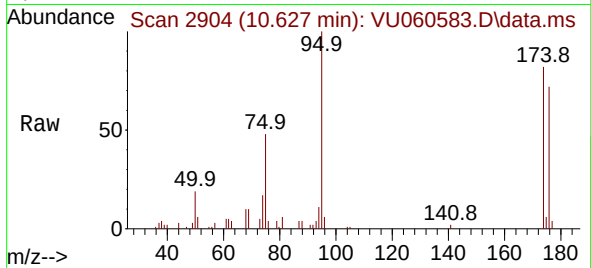




#57
4-Bromofluorobenzene
Concen: 1.227 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. 0.000 min
Lab File: VU060583.D
Acq: 03 Sep 2024 13:17

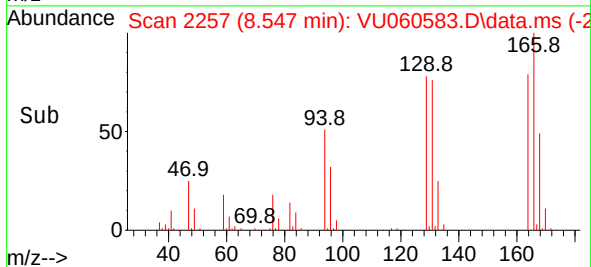
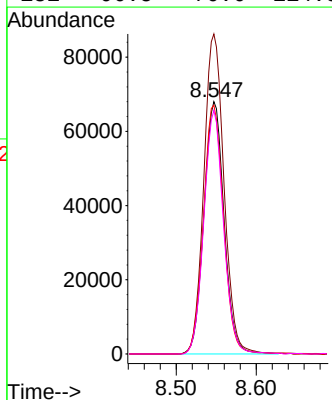
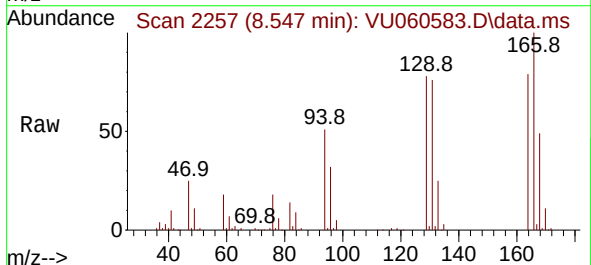
Instrument :
MSVOA_U
ClientSampleId :

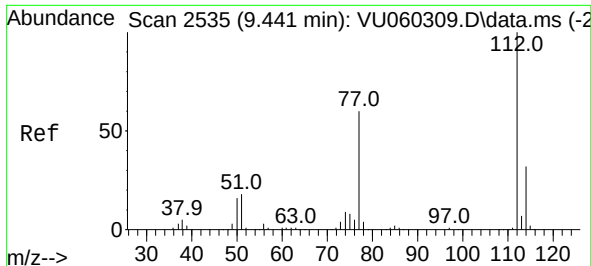
Tgt Ion: 95 Resp: 15761
Ion Ratio Lower Upper
95 100
174 83.0 65.6 98.4
176 72.7 60.4 90.6



#58
Tetrachloroethene
Concen: 11.570 ug/l
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU060583.D
Acq: 03 Sep 2024 13:17

Tgt Ion: 164 Resp: 119317
Ion Ratio Lower Upper
164 100
166 126.8 102.9 154.3
129 98.6 78.0 117.0
131 96.5 76.6 114.8

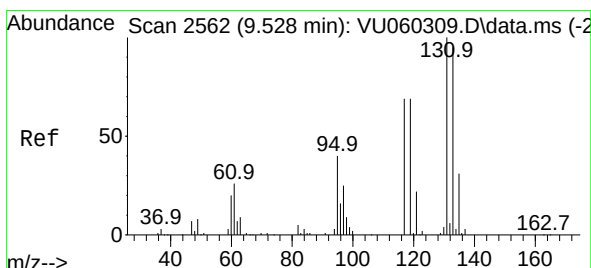
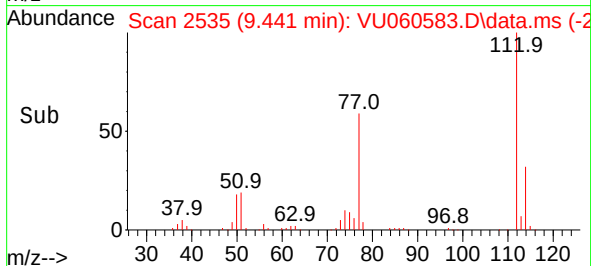
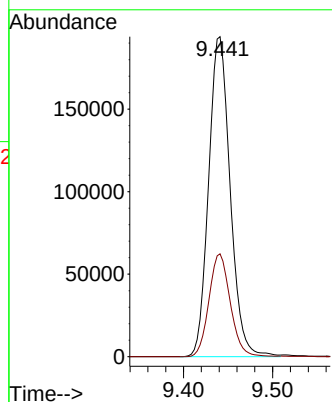
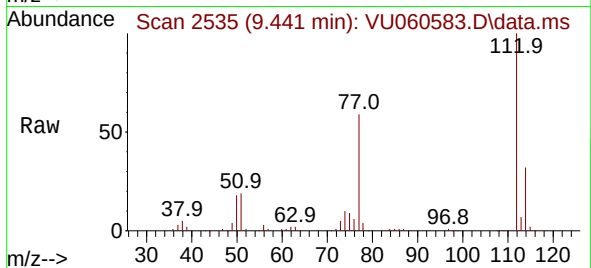




#59
Chlorobenzene
Concen: 11.627 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU060583.D
Acq: 03 Sep 2024 13:17

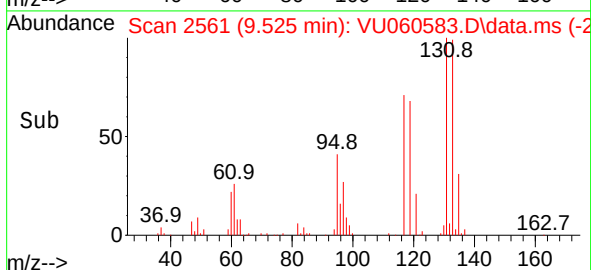
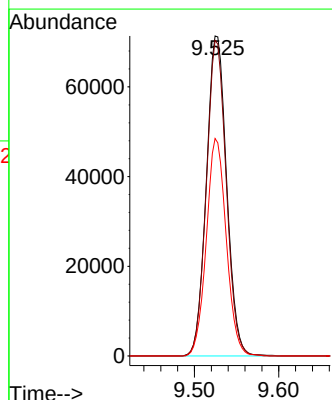
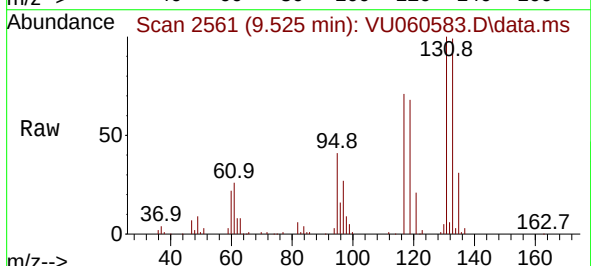
Instrument :
MSVOA_U
ClientSampleId :

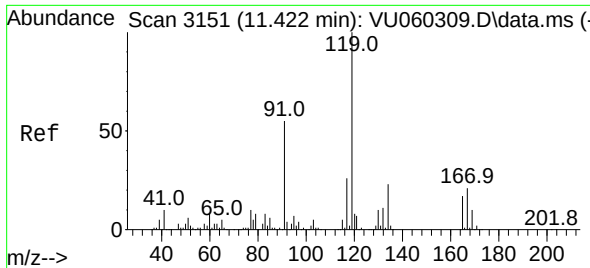
Tgt Ion:112 Resp: 325343
Ion Ratio Lower Upper
112 100
114 32.1 25.3 37.9



#60
1,1,1,2-Tetrachloroethane
Concen: 10.853 ug/l
RT: 9.525 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU060583.D
Acq: 03 Sep 2024 13:17

Tgt Ion:131 Resp: 119654
Ion Ratio Lower Upper
131 100
133 96.5 77.2 115.8
119 66.6 55.4 83.2

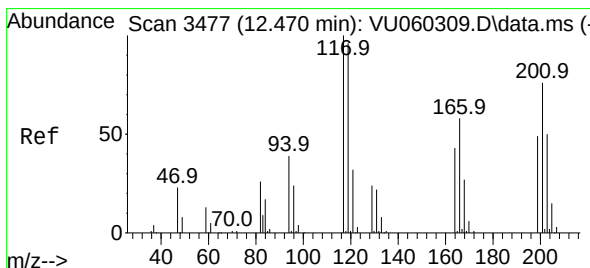
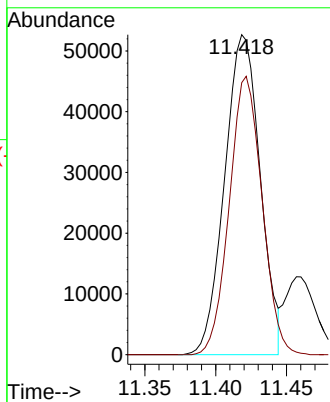
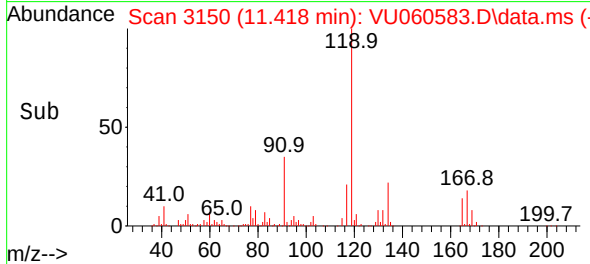
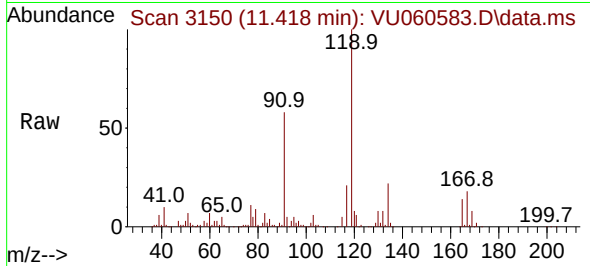




#61
Pentachloroethane
Concen: 9.776 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU060583.D
Acq: 03 Sep 2024 13:17

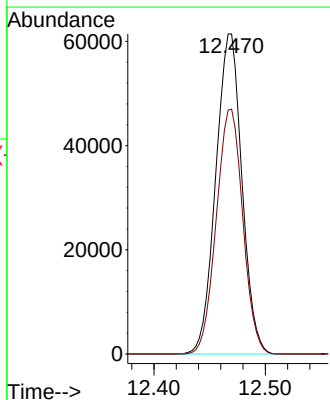
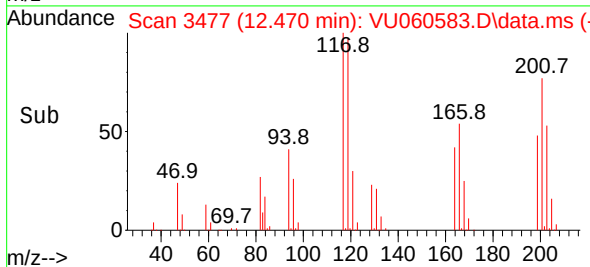
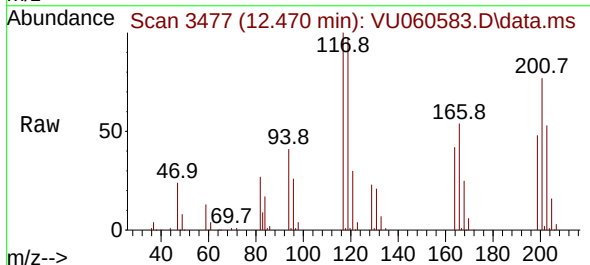
Instrument :
MSVOA_U
ClientSampleId :

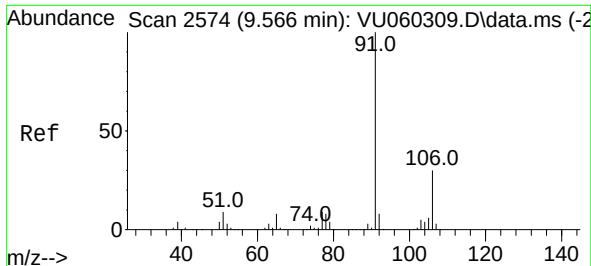
Tgt Ion:117 Resp: 92050
Ion Ratio Lower Upper
117 100
167 80.2 62.2 93.4



#62
Hexachloroethane
Concen: 11.024 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. 0.000 min
Lab File: VU060583.D
Acq: 03 Sep 2024 13:17

Tgt Ion:117 Resp: 100342
Ion Ratio Lower Upper
117 100
201 77.3 62.7 94.1





#63

Ethyl Benzene

Concen: 10.554 ug/l

RT: 9.563 min Scan# 2573

Delta R.T. -0.003 min

Lab File: VU060583.D

Acq: 03 Sep 2024 13:17

Instrument :

MSVOA_U

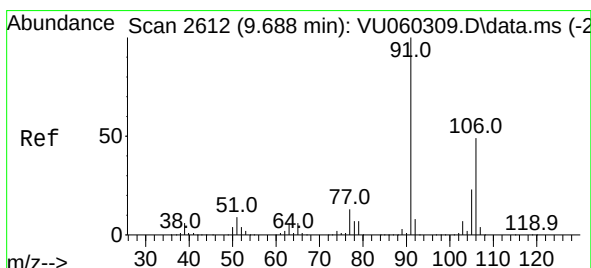
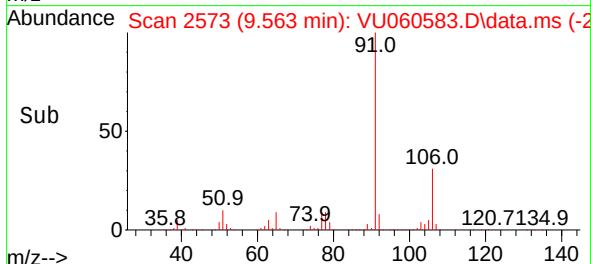
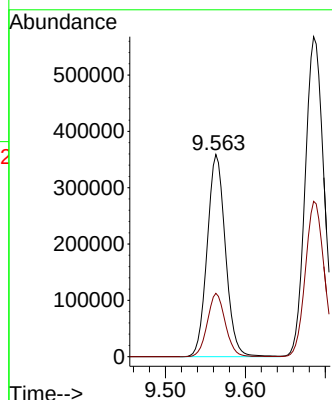
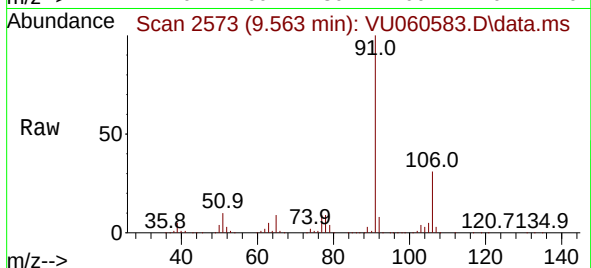
ClientSampleId :

Tgt Ion: 91 Resp: 571049

Ion Ratio Lower Upper

91 100

106 31.3 24.4 36.6



#64

m/p-Xylenes

Concen: 20.954 ug/l

RT: 9.685 min Scan# 2611

Delta R.T. -0.003 min

Lab File: VU060583.D

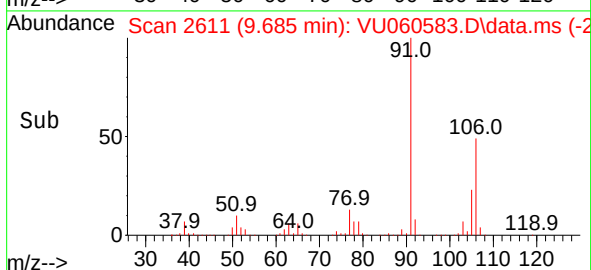
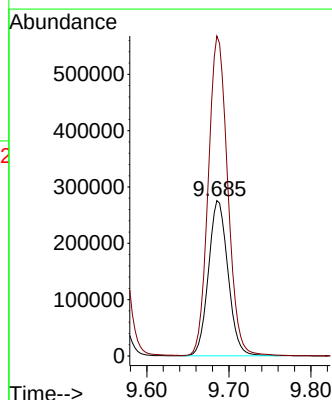
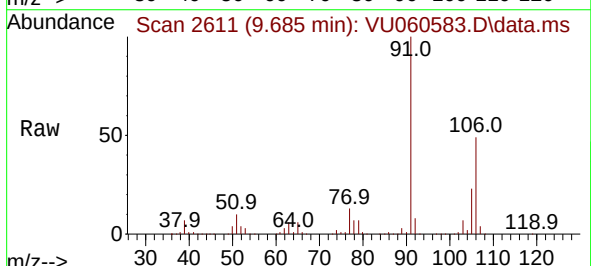
Acq: 03 Sep 2024 13:17

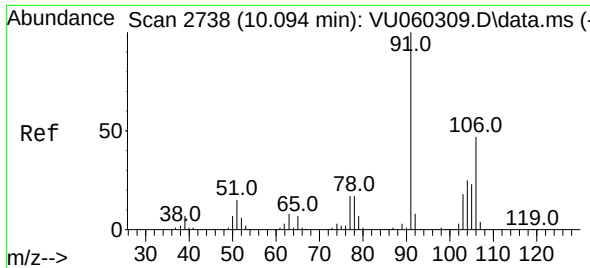
Tgt Ion:106 Resp: 454578

Ion Ratio Lower Upper

106 100

91 205.5 165.0 247.4

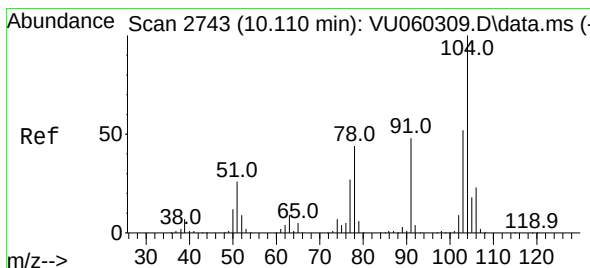
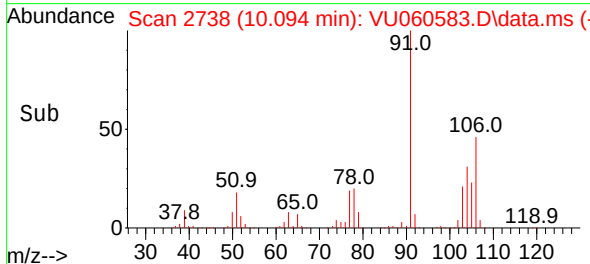
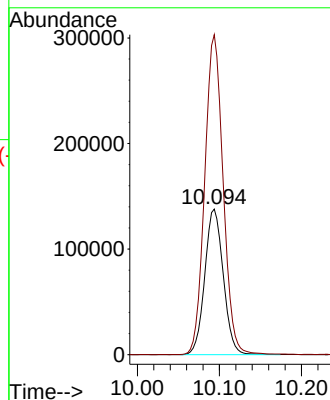
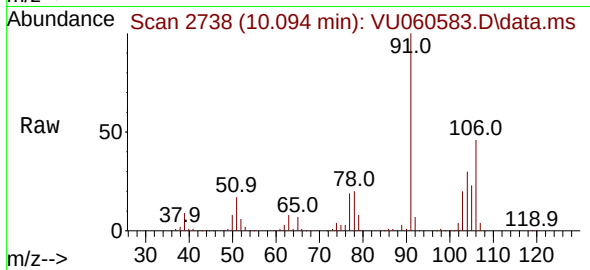




#65
o-Xylene
Concen: 10.569 ug/l
RT: 10.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU060583.D
Acq: 03 Sep 2024 13:17

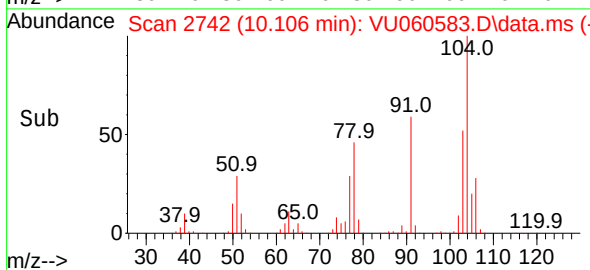
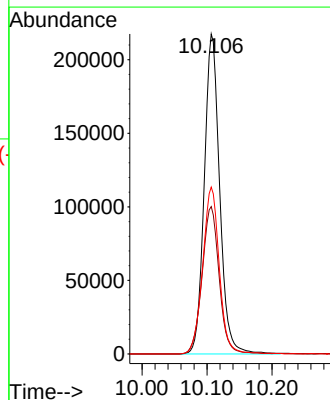
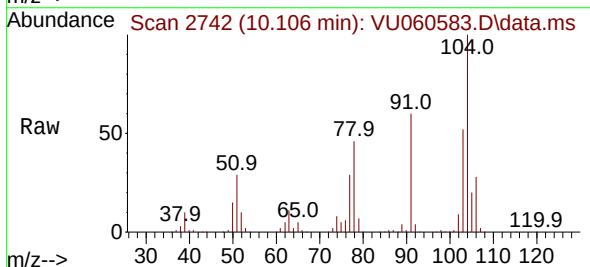
Instrument :
MSVOA_U
ClientSampleId :

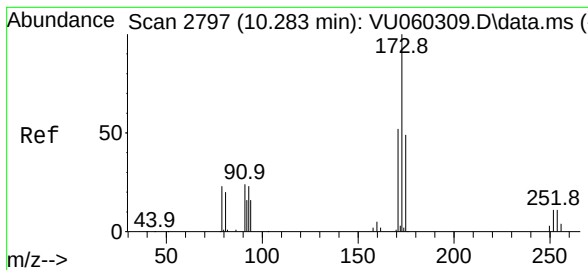
Tgt Ion:106 Resp: 216499
Ion Ratio Lower Upper
106 100
91 218.6 108.8 326.4



#66
Styrene
Concen: 10.262 ug/l
RT: 10.106 min Scan# 2742
Delta R.T. -0.004 min
Lab File: VU060583.D
Acq: 03 Sep 2024 13:17

Tgt Ion:104 Resp: 360543
Ion Ratio Lower Upper
104 100
78 50.9 39.0 58.6
103 56.3 45.0 67.6

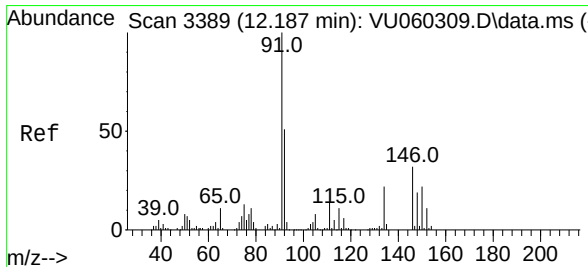
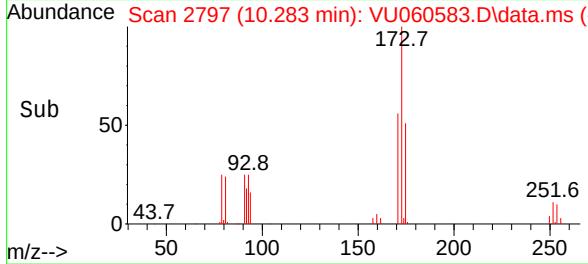
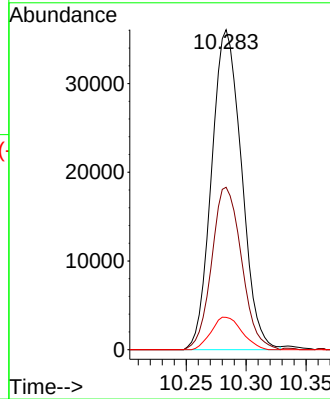
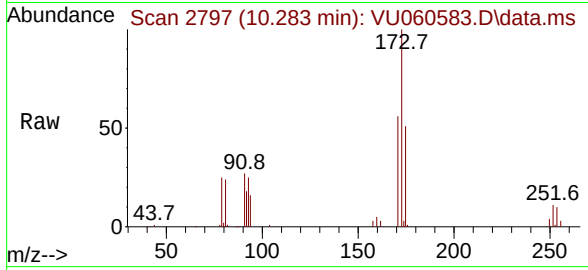




#67
Bromoform
Concen: 10.407 ug/l
RT: 10.283 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU060583.D
Acq: 03 Sep 2024 13:17

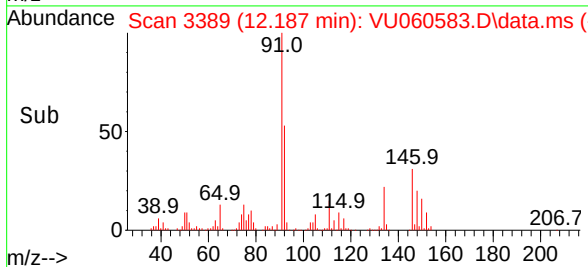
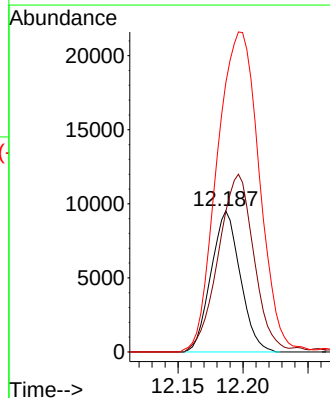
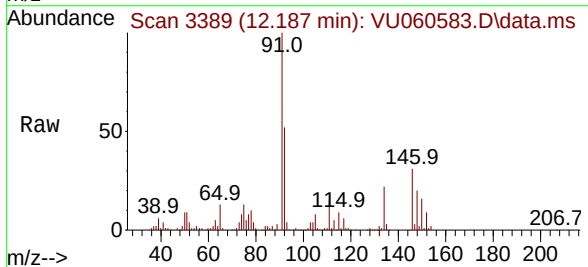
Instrument :
MSVOA_U
ClientSampleId :

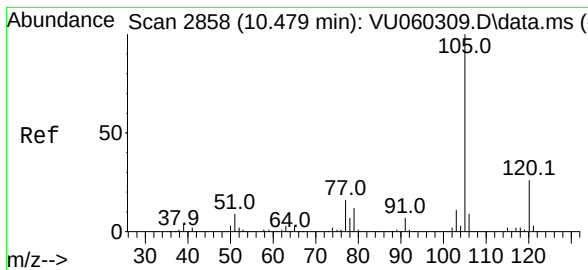
Tgt Ion:	173	Resp:	62598
Ion Ratio	Lower	Upper	
173	100		
175	50.6	39.7	59.5
254	10.4	8.2	12.4



#68
1,2-Dichlorobenzene-d4
Concen: 1.064 ug/l
RT: 12.187 min Scan# 3389
Delta R.T. 0.000 min
Lab File: VU060583.D
Acq: 03 Sep 2024 13:17

Tgt Ion:	152	Resp:	14856
Ion Ratio	Lower	Upper	
152	100		
115	154.8	0.0	325.2
150	328.2	0.0	684.2





#69

Isopropylbenzene

Concen: 10.688 ug/l

RT: 10.476 min Scan# 2858

Delta R.T. -0.003 min

Lab File: VU060583.D

Acq: 03 Sep 2024 13:17

Instrument :

MSVOA_U

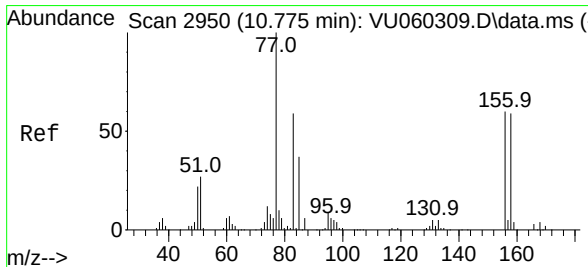
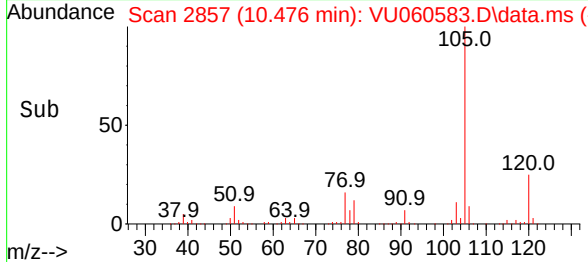
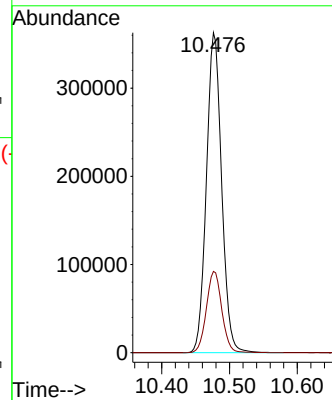
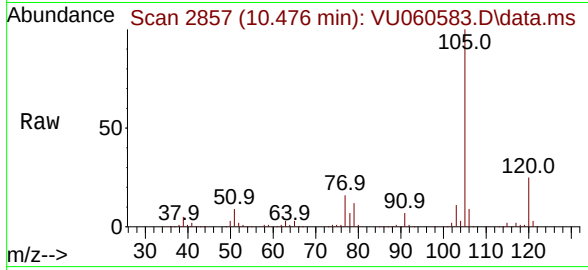
ClientSampleId :

Tgt Ion:105 Resp: 565610

Ion Ratio Lower Upper

105 100

120 25.7 13.0 39.0



#70

1,1,2,2-Tetrachloroethane

Concen: 9.517 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU060583.D

Acq: 03 Sep 2024 13:17

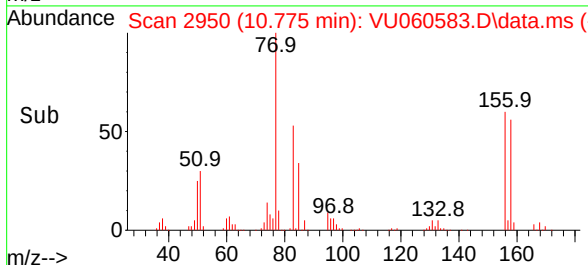
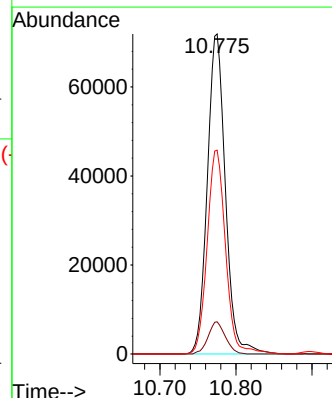
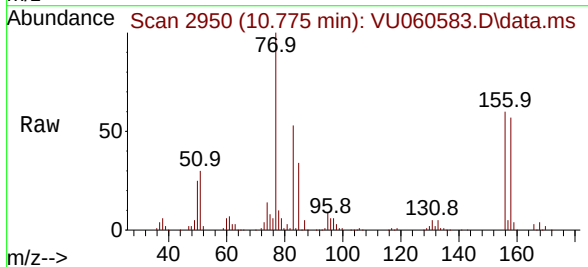
Tgt Ion: 83 Resp: 118574

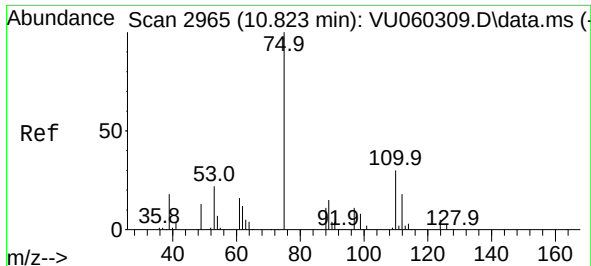
Ion Ratio Lower Upper

83 100

131 9.6 7.1 10.7

85 64.8 50.9 76.3

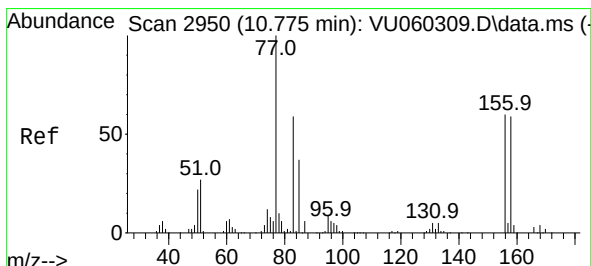
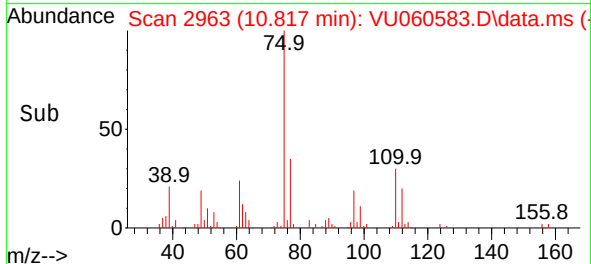
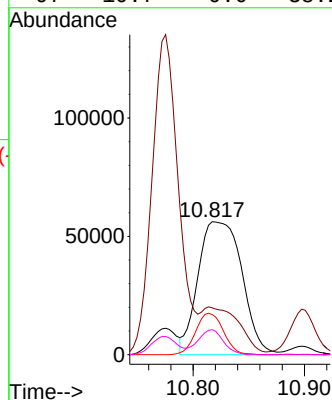
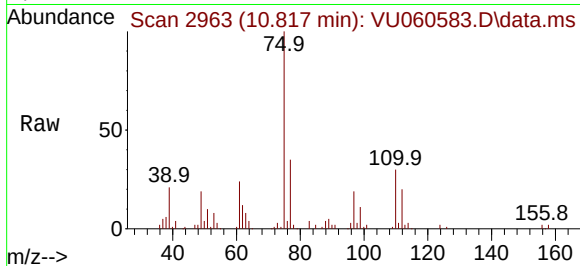




#71
1,2,3-Trichloropropane
Concen: 16.732 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. -0.006 min
Lab File: VU060583.D
Acq: 03 Sep 2024 13:17

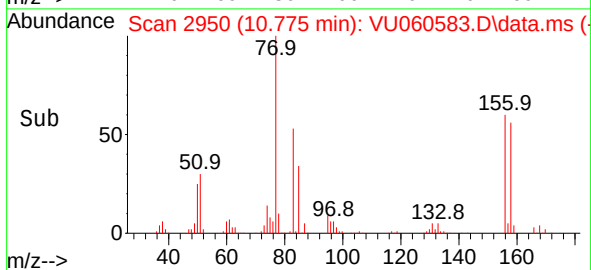
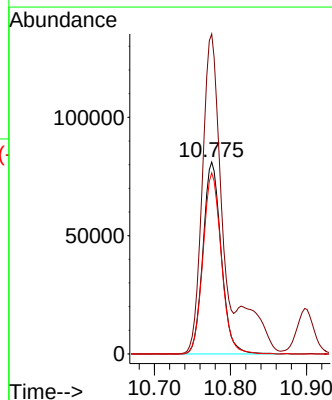
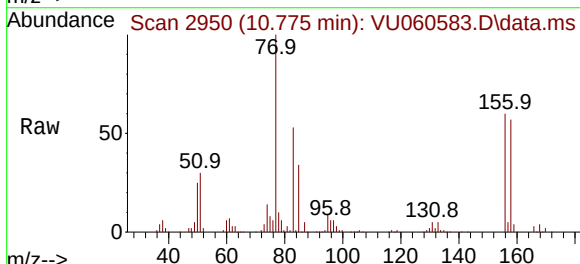
Instrument :
MSVOA_U
ClientSampleId :

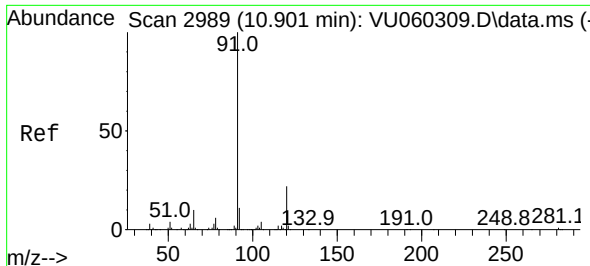
Tgt Ion: 75	Resp: 154409
Ion Ratio	Lower Upper
75	100
77	0.0 0.0 102.2
110	19.6 0.0 67.4
97	10.7 0.0 38.2



#72
Bromobenzene
Concen: 11.714 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU060583.D
Acq: 03 Sep 2024 13:17

Tgt Ion: 156	Resp: 134597
Ion Ratio	Lower Upper
156	100
77	166.6 0.0 327.2
158	94.9 0.0 193.8

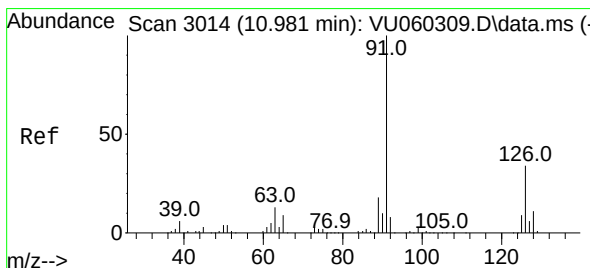
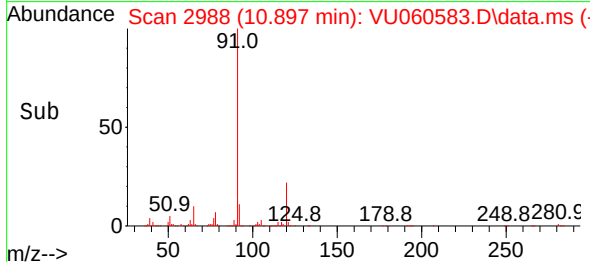
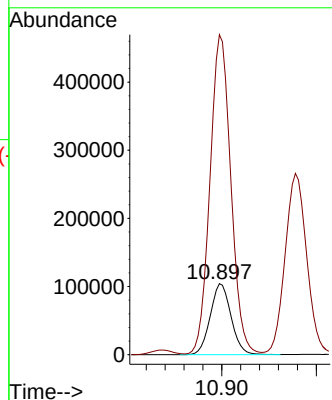
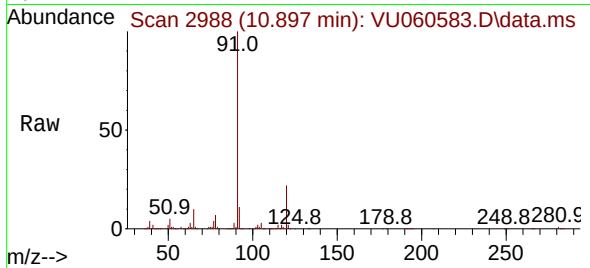




#73
n-propylbenzene
Concen: 10.475 ug/l
RT: 10.897 min Scan# 2989
Delta R.T. -0.004 min
Lab File: VU060583.D
Acq: 03 Sep 2024 13:17

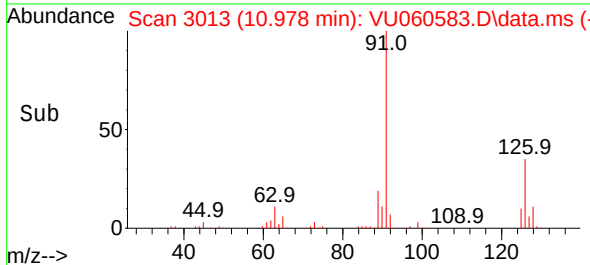
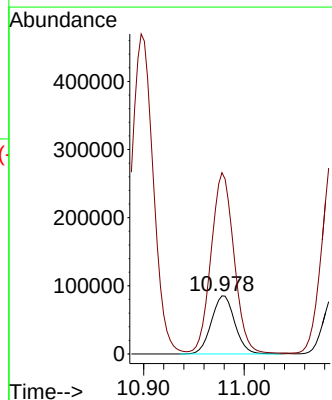
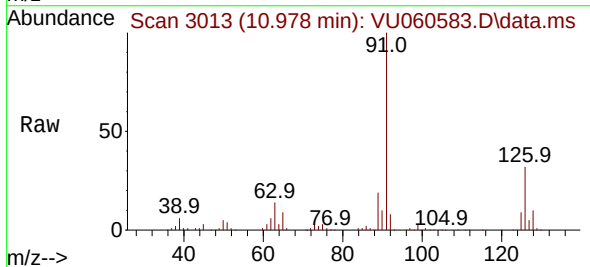
Instrument :
MSVOA_U
ClientSampleId :

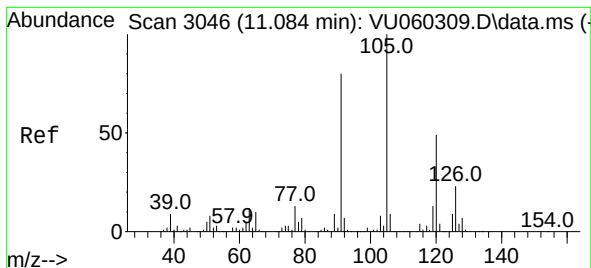
Tgt Ion:120 Resp: 159021
Ion Ratio Lower Upper
120 100
91 450.6 362.2 543.2



#74
2-Chlorotoluene
Concen: 10.295 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. -0.003 min
Lab File: VU060583.D
Acq: 03 Sep 2024 13:17

Tgt Ion:126 Resp: 137832
Ion Ratio Lower Upper
126 100
91 304.6 0.0 585.6





#75

1,3,5-Trimethylbenzene

Concen: 10.793 ug/l

RT: 11.081 min Scan# 3045

Delta R.T. -0.003 min

Lab File: VU060583.D

Acq: 03 Sep 2024 13:17

Instrument :

MSVOA_U

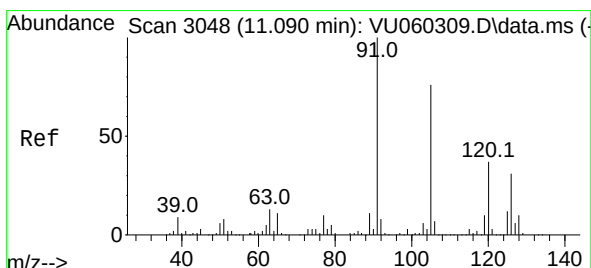
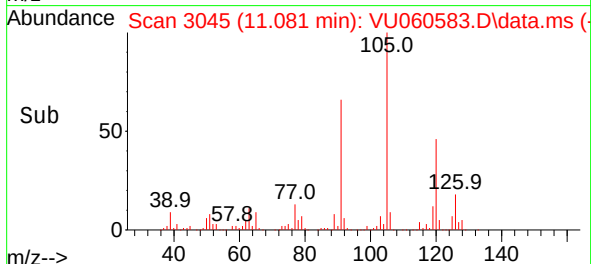
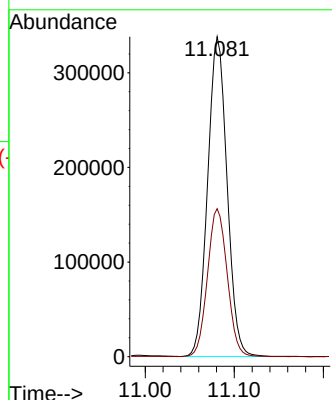
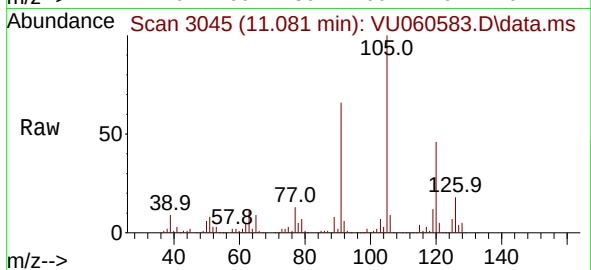
ClientSampleId :

Tgt Ion:105 Resp: 509832

Ion Ratio Lower Upper

105 100

120 47.1 38.6 57.8



#76

4-Chlorotoluene

Concen: 10.485 ug/l

RT: 11.090 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VU060583.D

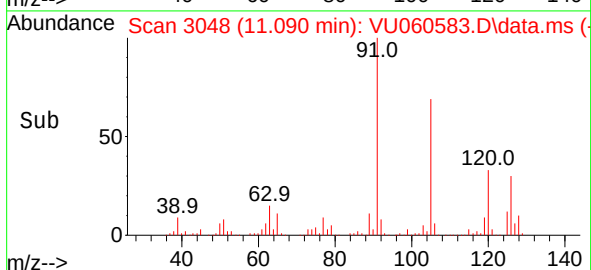
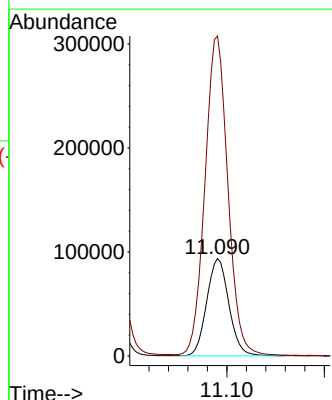
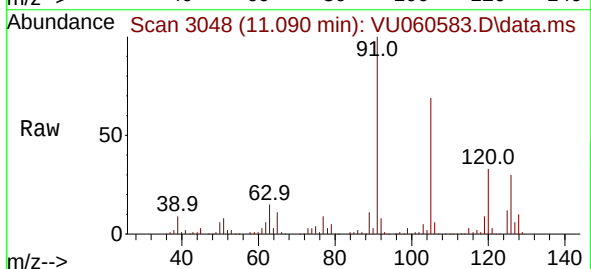
Acq: 03 Sep 2024 13:17

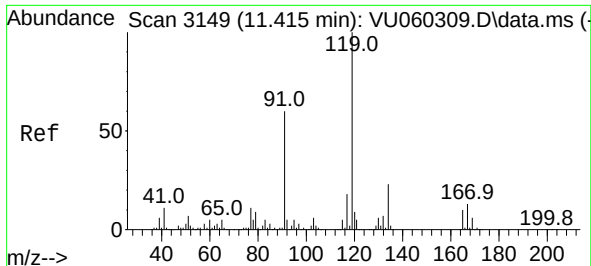
Tgt Ion:126 Resp: 147466

Ion Ratio Lower Upper

126 100

91 339.2 0.0 669.4

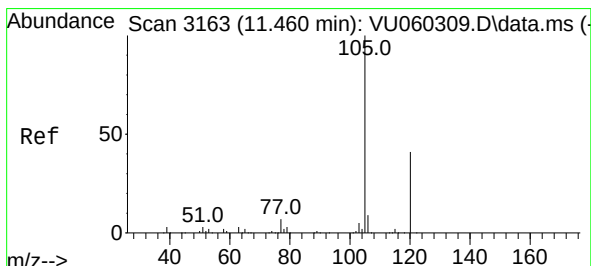
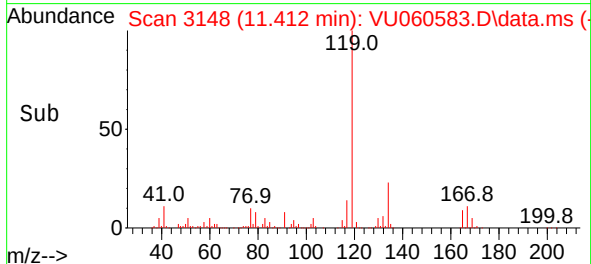
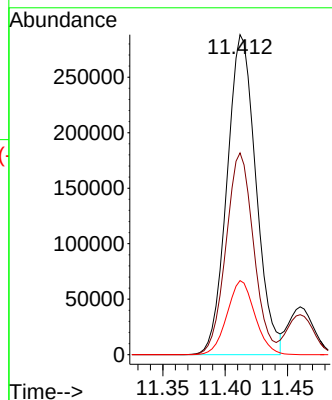
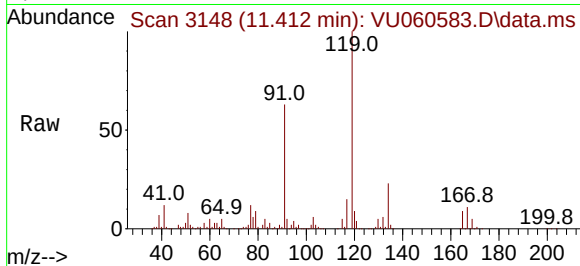




#77
tert-Butylbenzene
Concen: 10.474 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.003 min
Lab File: VU060583.D
Acq: 03 Sep 2024 13:17

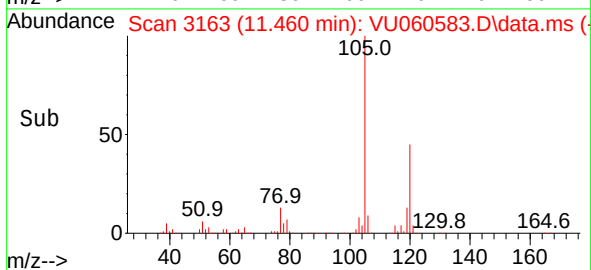
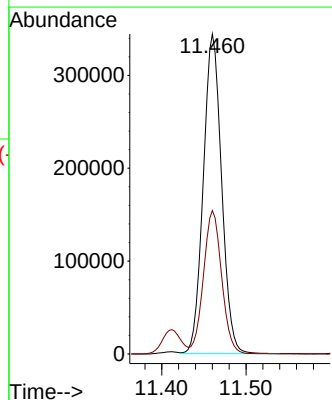
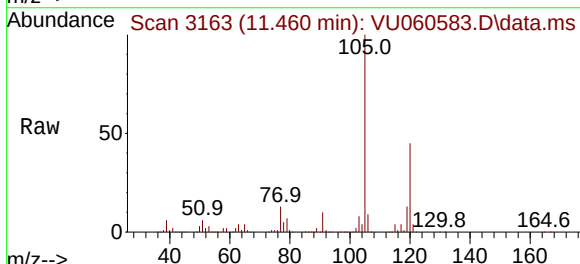
Instrument :
MSVOA_U
ClientSampleId :

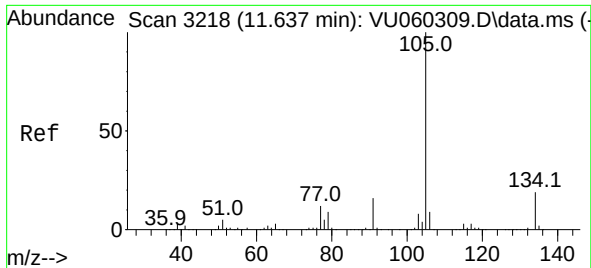
Tgt Ion:119 Resp: 466668
Ion Ratio Lower Upper
119 100
91 60.1 29.0 87.1
134 22.3 17.8 26.8



#78
1,2,4-Trimethylbenzene
Concen: 10.575 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU060583.D
Acq: 03 Sep 2024 13:17

Tgt Ion:105 Resp: 520393
Ion Ratio Lower Upper
105 100
120 44.6 22.6 67.7





#79

sec-Butylbenzene

Concen: 10.362 ug/l

RT: 11.637 min Scan# 3218

Delta R.T. -0.000 min

Lab File: VU060583.D

Acq: 03 Sep 2024 13:17

Instrument :

MSVOA_U

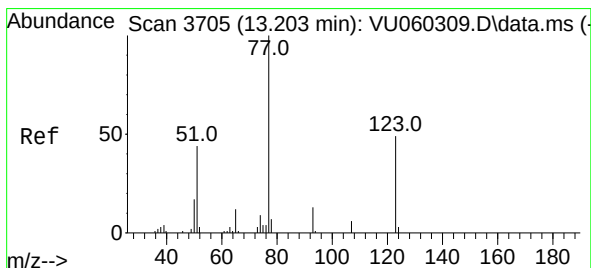
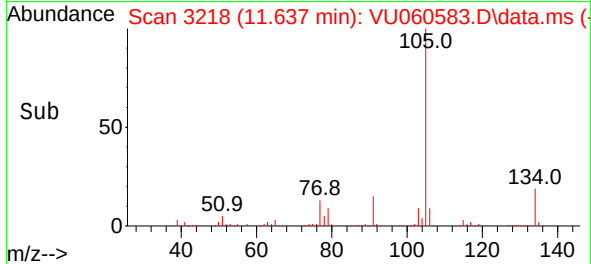
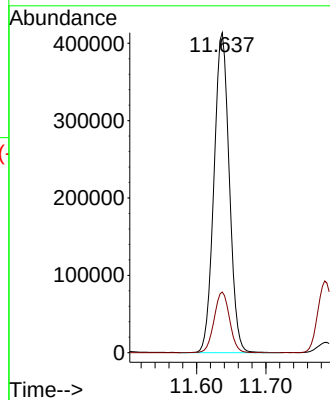
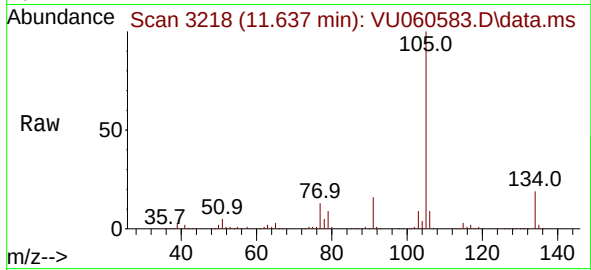
ClientSampleId :

Tgt Ion:105 Resp: 632662

Ion Ratio Lower Upper

105 100

134 19.2 15.5 23.3



#80

Nitrobenzene

Concen: 33.330 ug/l

RT: 13.206 min Scan# 3706

Delta R.T. 0.003 min

Lab File: VU060583.D

Acq: 03 Sep 2024 13:17

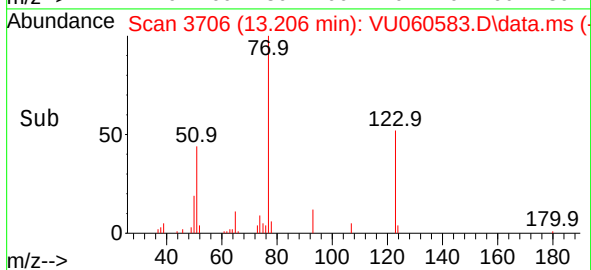
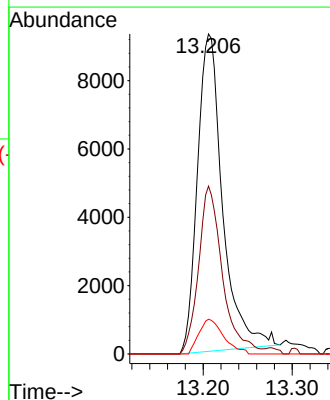
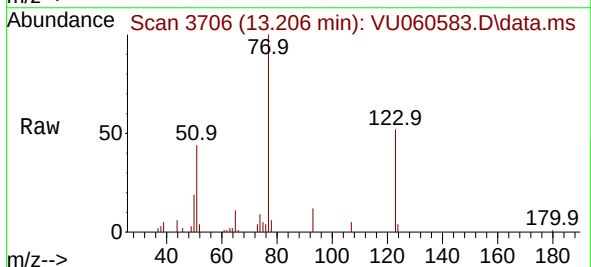
Tgt Ion: 77 Resp: 18236

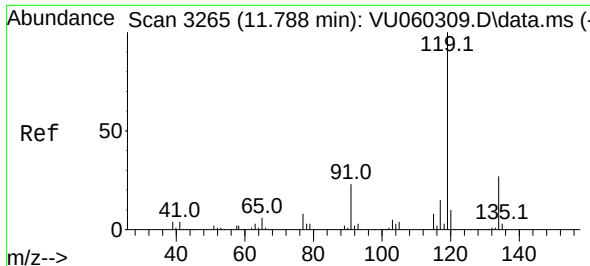
Ion Ratio Lower Upper

77 100

123 47.9 19.6 69.6

65 10.7 9.0 11.4

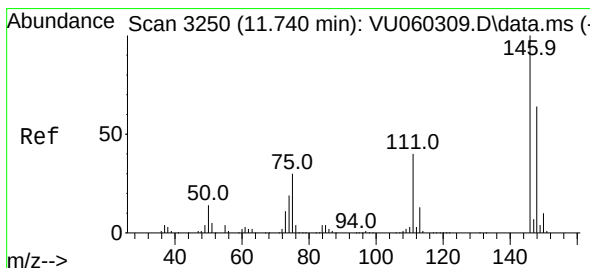
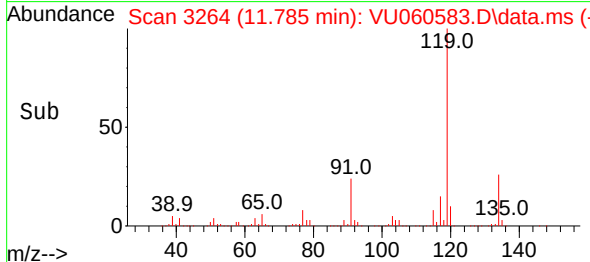
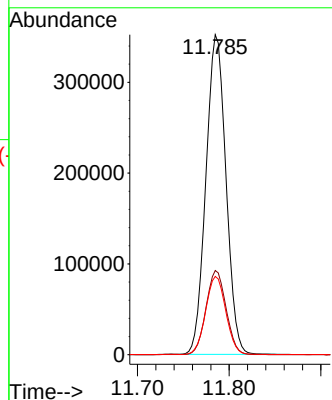
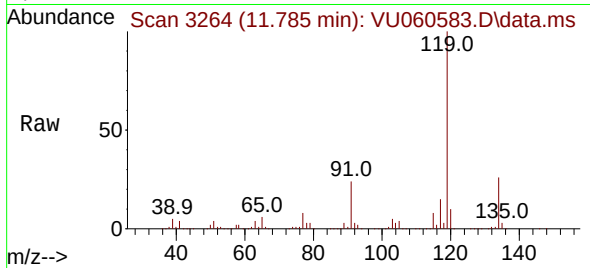




#81
 p-Isopropyltoluene
 Concen: 10.528 ug/l
 RT: 11.785 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU060583.D
 Acq: 03 Sep 2024 13:17

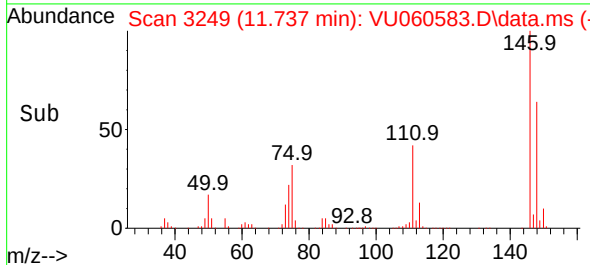
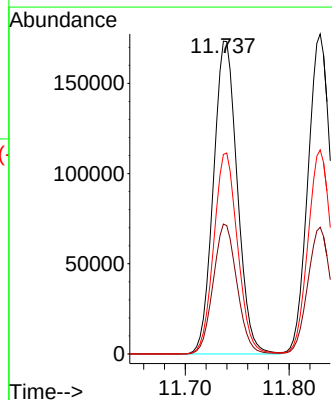
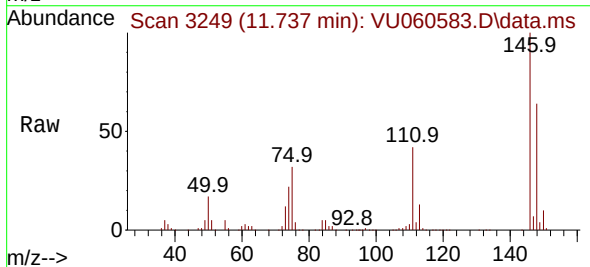
Instrument :
 MSVOA_U
 ClientSampleId :

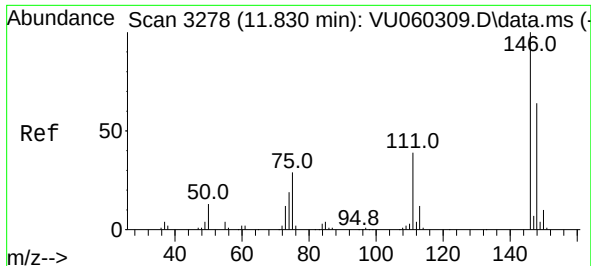
Tgt Ion:119 Resp: 535062
 Ion Ratio Lower Upper
 119 100
 134 26.3 21.2 31.8
 91 24.6 18.9 28.3



#82
 1,3-Dichlorobenzene
 Concen: 11.573 ug/l
 RT: 11.737 min Scan# 3249
 Delta R.T. -0.003 min
 Lab File: VU060583.D
 Acq: 03 Sep 2024 13:17

Tgt Ion:146 Resp: 277433
 Ion Ratio Lower Upper
 146 100
 111 41.3 32.0 48.0
 148 64.2 51.4 77.0





#83

1,4-Dichlorobenzene

Concen: 11.750 ug/l

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

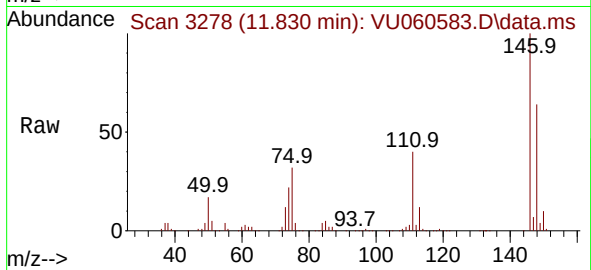
Lab File: VU060583.D

Acq: 03 Sep 2024 13:17

Instrument :

MSVOA_U

ClientSampleId :



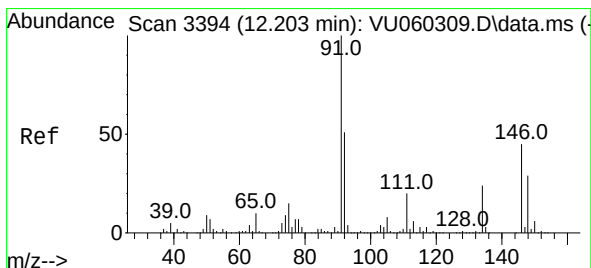
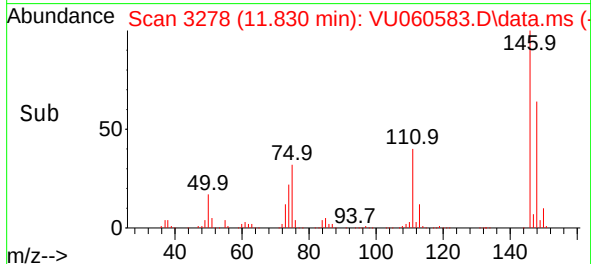
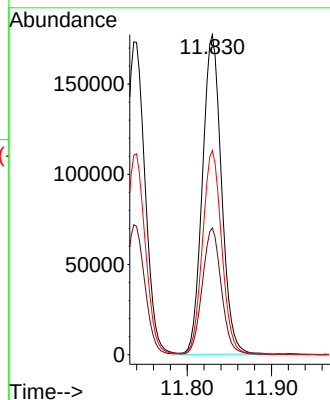
Tgt Ion:146 Resp: 279632

Ion Ratio Lower Upper

146 100

111 39.4 30.9 46.3

148 64.5 51.8 77.6



#84

n-Butylbenzene

Concen: 10.278 ug/l

RT: 12.200 min Scan# 3393

Delta R.T. -0.003 min

Lab File: VU060583.D

Acq: 03 Sep 2024 13:17

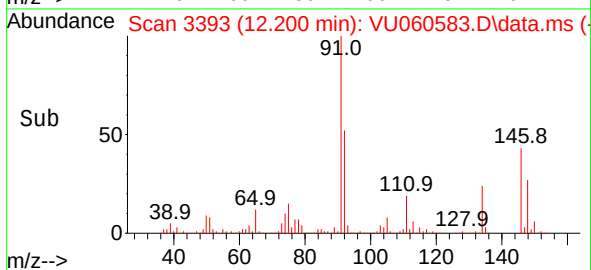
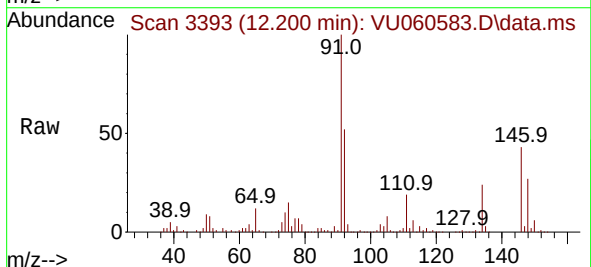
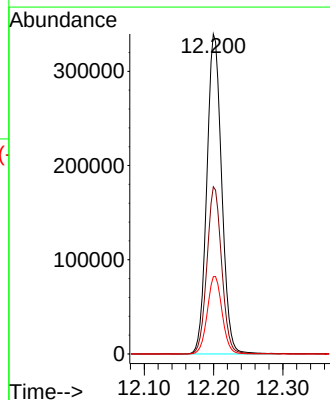
Tgt Ion: 91 Resp: 503569

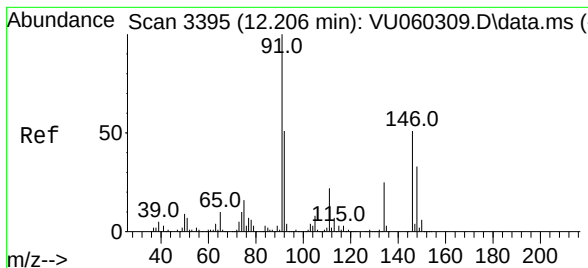
Ion Ratio Lower Upper

91 100

92 51.8 41.0 61.6

134 24.2 19.4 29.2





#85

1,2-Dichlorobenzene

Concen: 11.238 ug/l

RT: 12.203 min Scan# 3394

Delta R.T. -0.003 min

Lab File: VU060583.D

Acq: 03 Sep 2024 13:17

Instrument :

MSVOA_U

ClientSampleId :

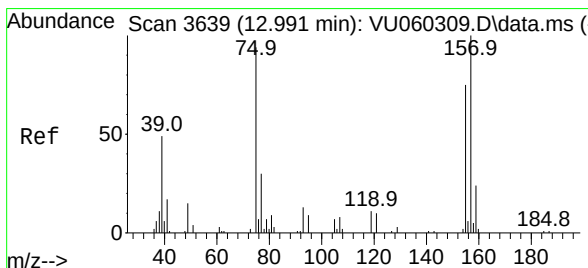
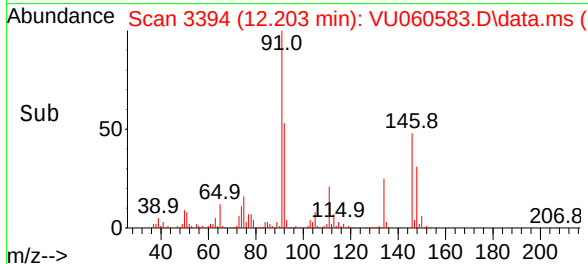
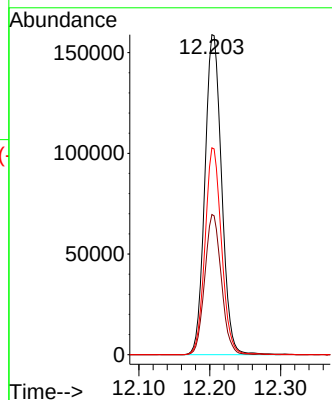
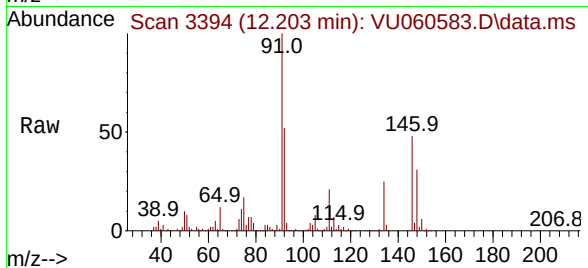
Tgt Ion:146 Resp: 260588

Ion Ratio Lower Upper

146 100

111 43.3 21.3 63.7

148 63.8 32.0 96.0



#86

1,2-Dibromo-3-Chloropropane

Concen: 9.938 ug/l

RT: 12.991 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU060583.D

Acq: 03 Sep 2024 13:17

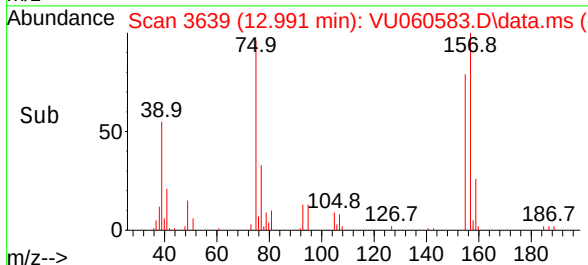
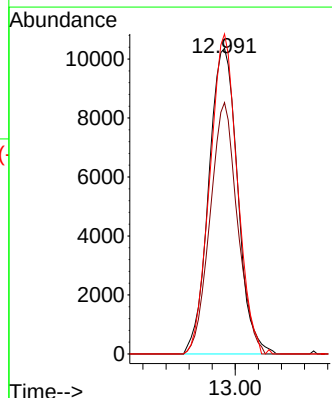
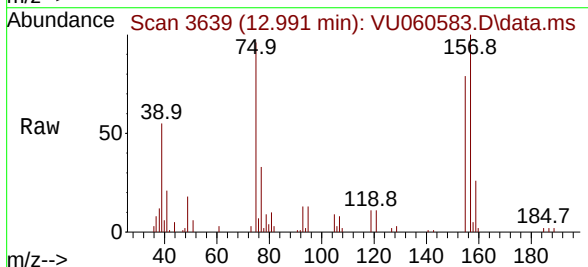
Tgt Ion: 75 Resp: 17953

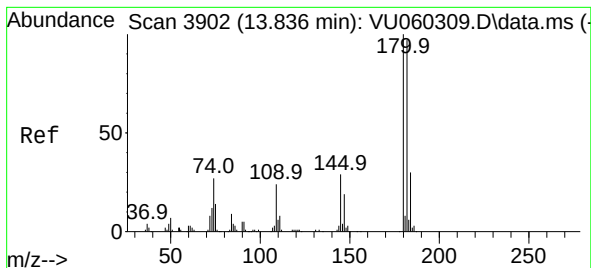
Ion Ratio Lower Upper

75 100

155 78.2 66.1 99.1

157 99.6 85.0 127.4





#87

1,2,4-Trichlorobenzene

Concen: 11.277 ug/l

RT: 13.833 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU060583.D

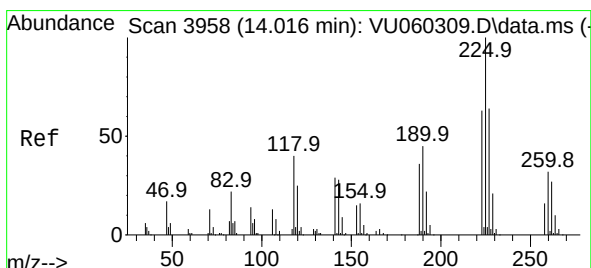
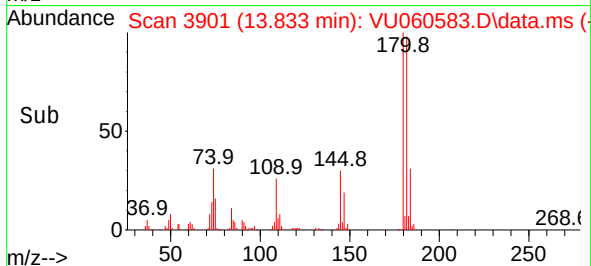
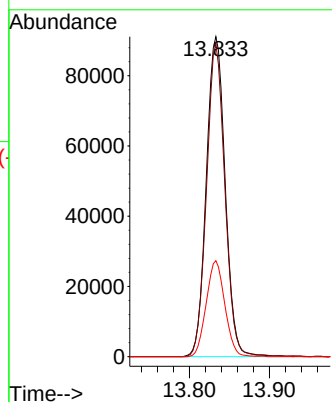
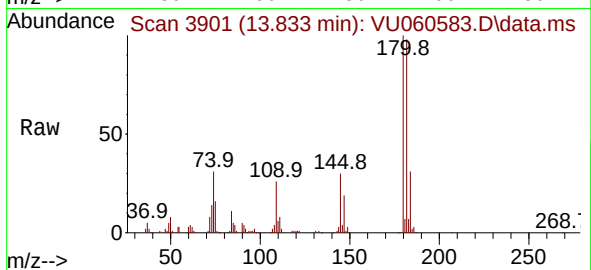
Acq: 03 Sep 2024 13:17

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	180	Resp:	149554
Ion Ratio	Lower	Upper	
180	100		
182	94.5	76.8	115.2
145	29.6	23.4	35.0



#88

Hexachlorobutadiene

Concen: 11.494 ug/l

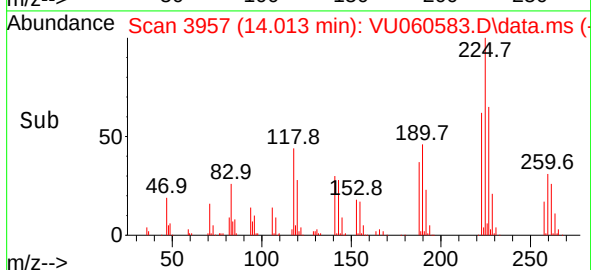
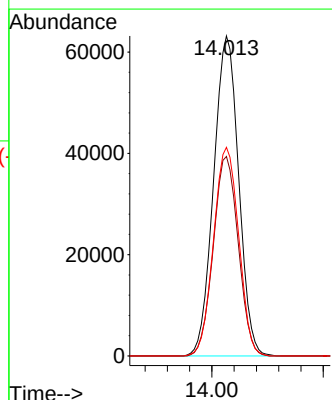
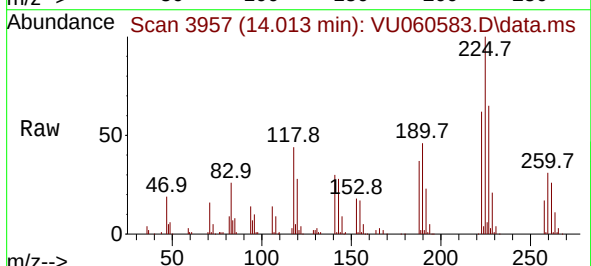
RT: 14.013 min Scan# 3957

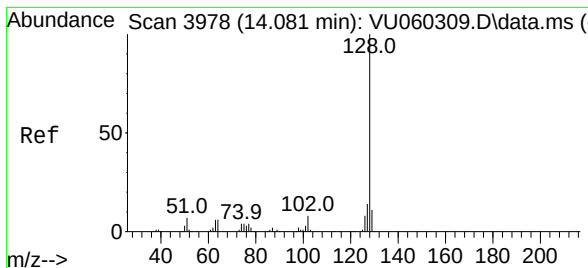
Delta R.T. -0.003 min

Lab File: VU060583.D

Acq: 03 Sep 2024 13:17

Tgt Ion:	225	Resp:	98560
Ion Ratio	Lower	Upper	
225	100		
223	62.2	50.8	76.2
227	65.6	50.8	76.2





#89

Naphthalene

Concen: 9.475 ug/l

RT: 14.081 min Scan# 3978

Delta R.T. -0.000 min

Lab File: VU060583.D

Acq: 03 Sep 2024 13:17

Instrument :

MSVOA_U

ClientSampleId :

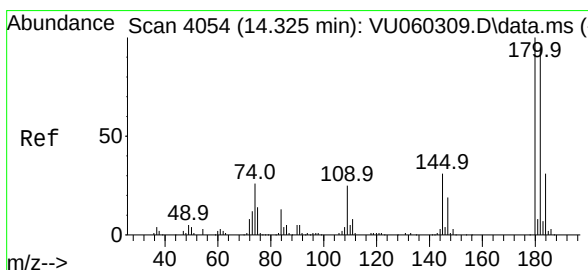
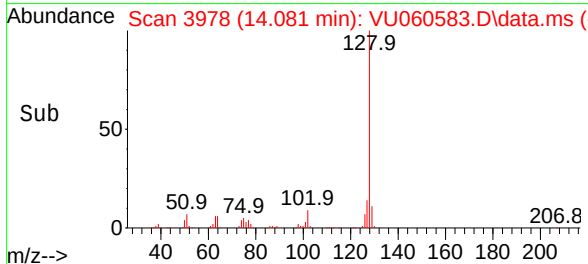
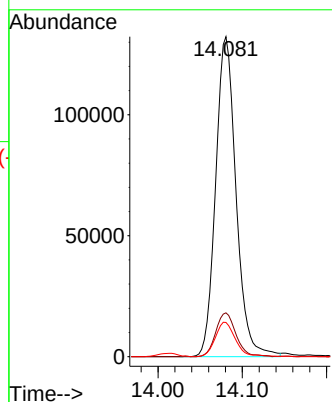
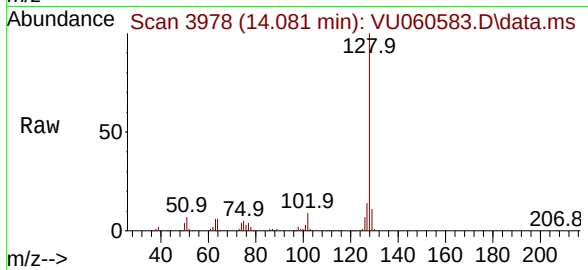
Tgt Ion:128 Resp: 222321

Ion Ratio Lower Upper

128 100

127 13.6 11.0 16.4

129 10.7 8.6 12.8



#90

1,2,3-Trichlorobenzene

Concen: 10.379 ug/l

RT: 14.322 min Scan# 4053

Delta R.T. -0.003 min

Lab File: VU060583.D

Acq: 03 Sep 2024 13:17

Tgt Ion:180 Resp: 134381

Ion Ratio Lower Upper

180 100

182 93.3 76.1 114.1

145 32.2 25.0 37.6

