

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080724\
 Data File : VU060339.D
 Acq On : 07 Aug 2024 16:25
 Operator : MD/SY
 Sample : P3390-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 08 05:59:12 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	6.113	96	28342	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	9689	1.003	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	11447	1.091	ug/l	0.00
Spiked Amount 1.000			Recovery	=	109.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	5705	0.523	ug/l	99
3) Chloromethane	1.518	50	6507	0.522	ug/l	94
4) Vinyl Chloride	1.602	62	6645	0.533	ug/l	90
5) Bromomethane	1.856	94	5148	0.672	ug/l	94
6) Chloroethane	1.930	64	4377	0.580	ug/l	95
7) Trichlorofluoromethane	2.136	101	8517	0.567	ug/l	94
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	5302	0.648	ug/l	97
9) 1,1-Dichloroethene	2.576	96	5009	0.591	ug/l	78
10) Iodomethane	2.718	142	6486	0.516	ug/l	99
11) Allyl Chloride	2.920	41	5270	0.454	ug/l	97
12) Acrylonitrile	3.364	53	912	0.412	ug/l #	84
13) Acetone	2.666	43	4156	1.546	ug/l #	85
14) Carbon Disulfide	2.788	76	15274	0.532	ug/l	97
15) Methylene Chloride	3.039	84	7063	0.666	ug/l	95
16) trans-1,2-Dichloroethene	3.351	96	4816	0.530	ug/l	92
17) 1,1-Dichloroethane	3.869	63	8994	0.515	ug/l	99
18) 2-Butanone	4.756	43	2238	0.720	ug/l	92
19) Cyclohexane	5.380	56	5508	0.366	ug/l #	85
20) Methylcyclohexane	6.759	83	5397	0.452	ug/l	94
21) 2,2-Dichloropropane	4.653	77	7256	0.534	ug/l	92
22) cis-1,2-Dichloroethene	4.669	96	4922	0.506	ug/l	93
23) Diethyl Ether	2.373	59	3736	0.543	ug/l	97
24) tert-Butyl Alcohol	3.226	59	213	0.248	ug/l #	83
25) Methyl tert-Butyl Ether	3.361	73	10116	0.486	ug/l	95
26) Bromochloromethane	4.971	128	2327	0.565	ug/l	87
27) Chloroform	5.081	83	10014	0.586	ug/l	96
28) 1,1,1-Trichloroethane	5.309	97	7891	0.556	ug/l	97
29) 1,1-Dichloropropene	5.521	75	5656	0.498	ug/l	100
30) Carbon Tetrachloride	5.521	117	6548	0.566	ug/l	100
31) Isopropyl Ether	3.988	45	10408	0.408	ug/l	89
32) Ethyl-t-butyl ether	4.496	59	10896	0.442	ug/l	99
33) Tert-Amyl methyl ether	5.936	73	8998	0.514	ug/l	99
34) Propionitrile	4.836	54	365	0.411	ug/l #	50
35) Benzene	5.772	78	19294	0.551	ug/l	98
36) 1,2-Dichloroethane	5.791	62	5200	0.534	ug/l #	93
37) Trichloroethene	6.541	130	5331	0.615	ug/l	89
38) 1,2-Dichloropropane	6.788	63	5246	0.554	ug/l	98
41) Tetrahydrofuran	5.087	42	1031	0.589	ug/l #	77
42) 1-Chlorobutane	5.460	56	7560	0.482	ug/l	93
43) Dibromomethane	6.923	93	2454	0.512	ug/l	88
44) Bromodichloromethane	7.100	83	6835	0.594	ug/l	97
45) 4-Methyl-2-Pentanone	7.795	43	10314	2.291	ug/l	94
46) t-1,4-Dichloro-2-butene	10.820	75	5201	2.062	ug/l #	51

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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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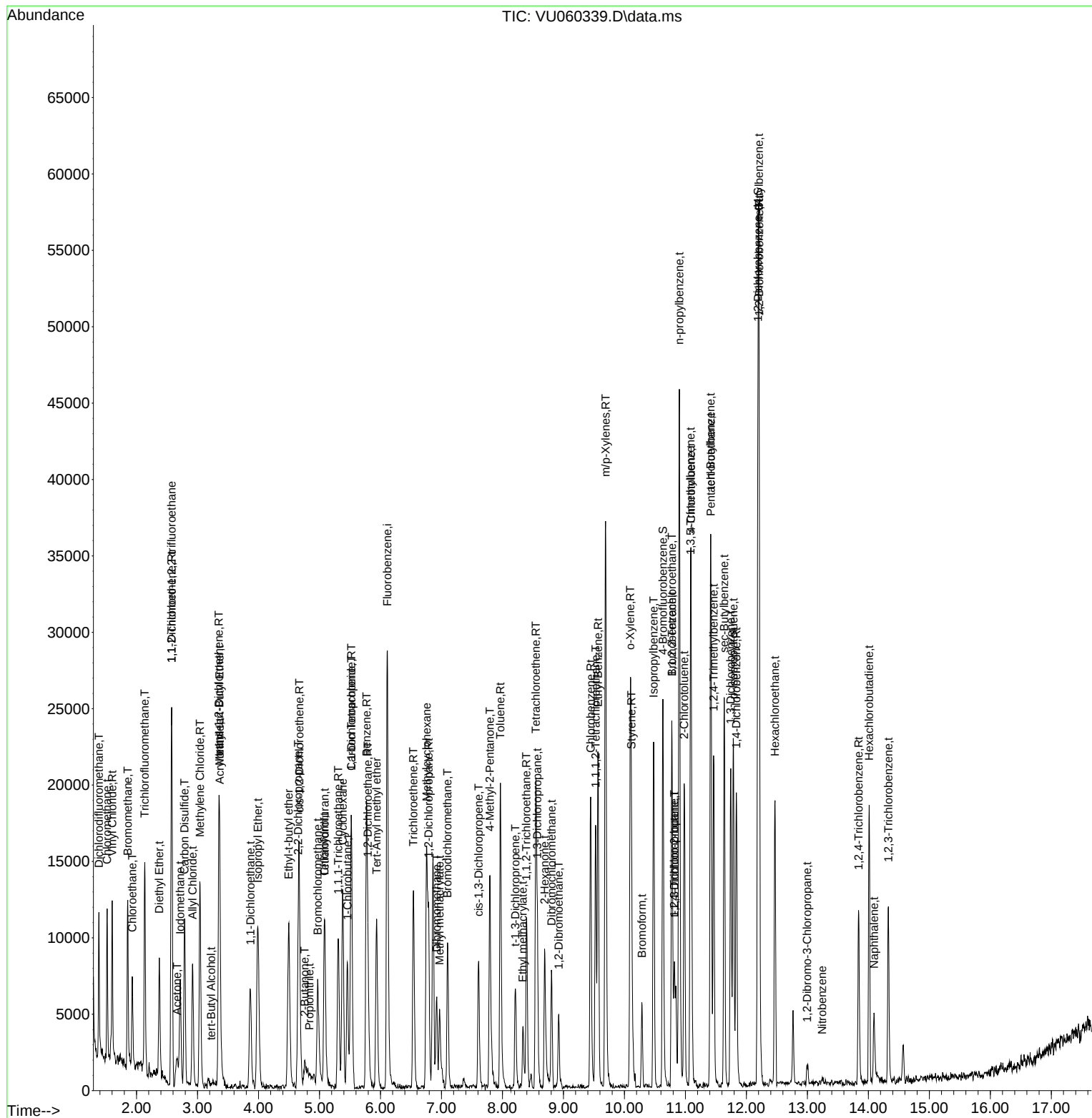
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Methyl methacrylate	6.968	69	3350	0.861	ug/l	93
48) Ethyl methacrylate	8.335	69	2791	0.423	ug/l	98
49) Toluene	7.965	92	9579	0.493	ug/l	96
50) t-1,3-Dichloropropene	8.209	75	4982	0.524	ug/l	94
51) cis-1,3-Dichloropropene	7.611	75	6138	0.537	ug/l #	91
52) 1,1,2-Trichloroethane	8.393	97	3885	0.552	ug/l	97
53) 1,3-Dichloropropane	8.573	76	5975	0.532	ug/l	98
54) 2-Hexanone	8.692	43	7767	2.226	ug/l	88
55) Dibromochloromethane	8.804	129	4320	0.560	ug/l	99
56) 1,2-Dibromoethane	8.923	107	3524	0.558	ug/l	100
58) Tetrachloroethene	8.550	164	4441	0.573	ug/l	94
59) Chlorobenzene	9.447	112	12327	0.586	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.531	131	4922	0.594	ug/l	96
61) Pentachloroethane	11.418	117	3978	0.562	ug/l	100
62) Hexachloroethane	12.470	117	3897	0.570	ug/l	99
63) Ethyl Benzene	9.566	91	16260	0.880	ug/l	91
64) m/p-Xylenes	9.692	106	11872	1.595	ug/l	99
65) o-Xylene	10.097	106	6120	0.824	ug/l	95
66) Styrene	10.116	104	9797	0.825	ug/l	99
67) Bromoform	10.286	173	2458	0.544	ug/l #	93
69) Isopropylbenzene	10.479	105	15701	0.852	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.778	83	5026	0.537	ug/l	96
71) 1,2,3-Trichloropropane	10.820	75	5201	0.750	ug/l #	57
72) Bromobenzene	10.778	156	4730	0.548	ug/l	85
73) n-propylbenzene	10.900	120	7899	1.148	ug/l	97
74) 2-Chlorotoluene	10.981	126	4306	0.730	ug/l	100
75) 1,3,5-Trimethylbenzene	11.084	105	12611	0.797	ug/l	92
76) 4-Chlorotoluene	11.093	126	4446	0.744	ug/l	88
77) tert-Butylbenzene	11.415	119	13548	0.833	ug/l	99
78) 1,2,4-Trimethylbenzene	11.463	105	12569	0.820	ug/l	99
79) sec-Butylbenzene	11.637	105	17517	0.817	ug/l	100
80) Nitrobenzene	13.241	77	200	0.486	ug/l #	39
81) p-Isopropyltoluene	11.788	119	13355	0.852	ug/l	99
82) 1,3-Dichlorobenzene	11.743	146	10120	0.562	ug/l	98
83) 1,4-Dichlorobenzene	11.836	146	9803	0.548	ug/l	98
84) n-Butylbenzene	12.206	91	12962	0.845	ug/l	96
85) 1,2-Dichlorobenzene	12.209	146	9878	0.567	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.994	75	623	0.459	ug/l	94
87) 1,2,4-Trichlorobenzene	13.842	180	4677	0.469	ug/l	97
88) Hexachlorobutadiene	14.013	225	3729	0.579	ug/l	98
89) Naphthalene	14.093	128	6210	0.352	ug/l #	91
90) 1,2,3-Trichlorobenzene	14.328	180	4979	0.512	ug/l	97

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

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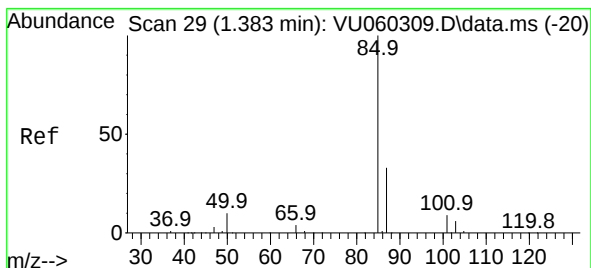
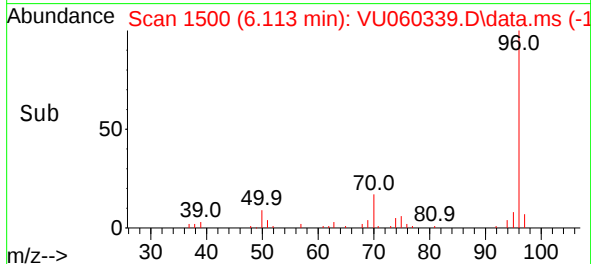
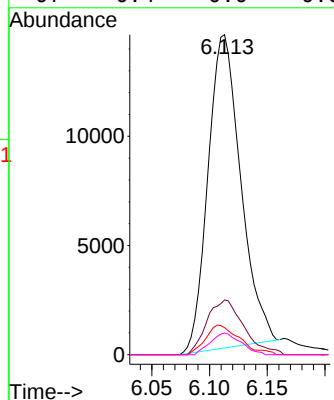
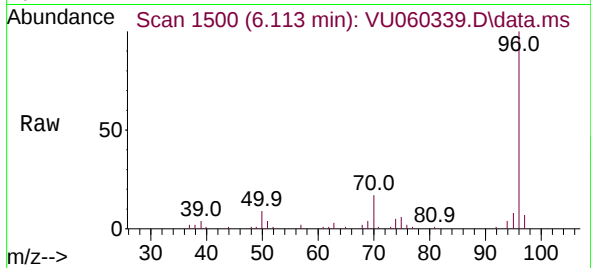




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1498
Delta R.T. 0.006 min
Lab File: VU060339.D
Acq: 07 Aug 2024 16:25

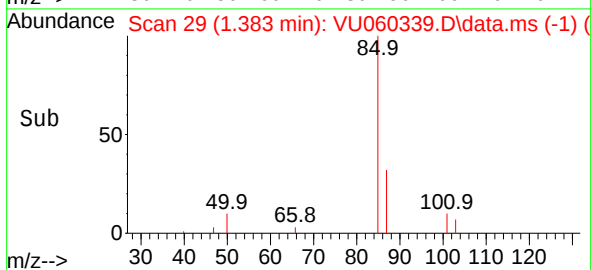
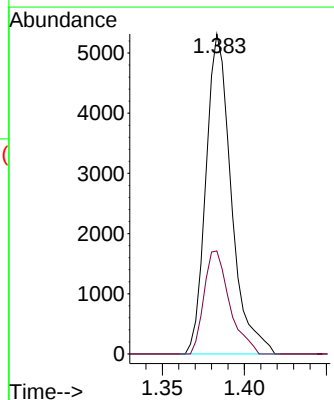
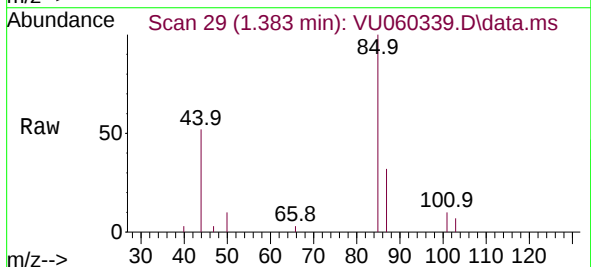
Instrument :
MSVOA_U
ClientSampleId :

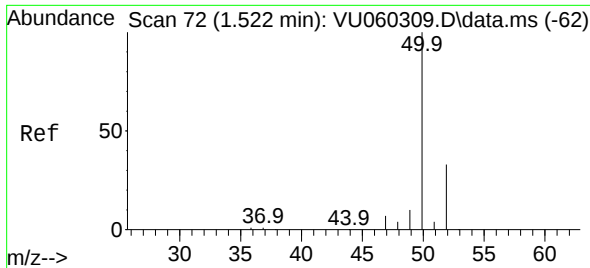
Tgt Ion:	96	Resp:	28342
Ion Ratio	Lower	Upper	
96	100		
70	19.6	17.2	25.8
95	9.8	7.9	11.9
97	6.4	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 0.523 ug/l
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU060339.D
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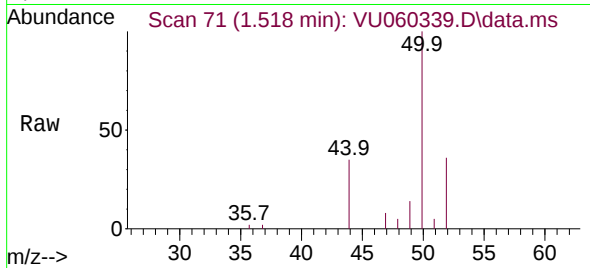
Tgt Ion:	85	Resp:	5705
Ion Ratio	Lower	Upper	
85	100		
87	32.2	16.3	48.9



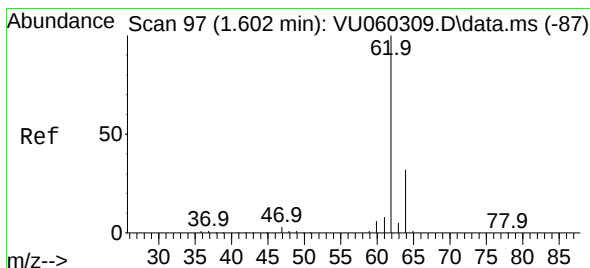
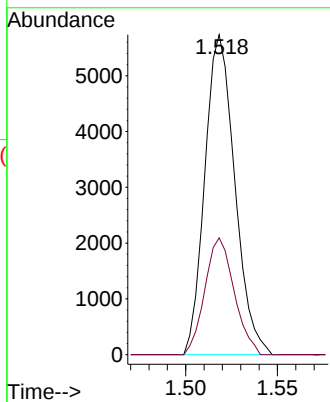
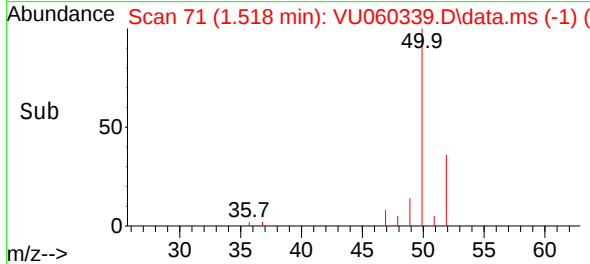


#3
Chloromethane
Concen: 0.522 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU060339.D
Acq: 07 Aug 2024 16:25

Instrument :
MSVOA_U
ClientSampleId :

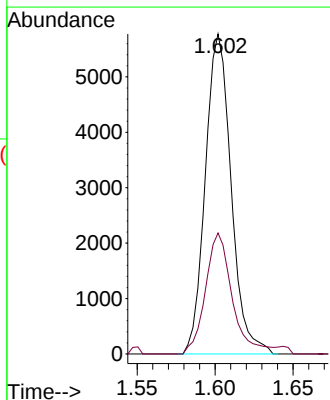
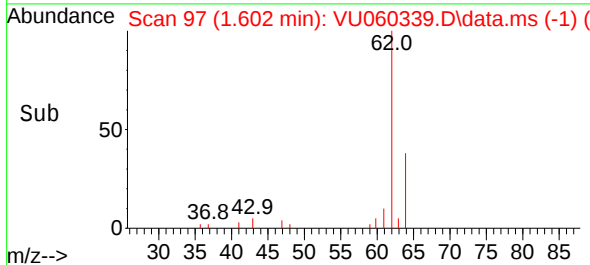
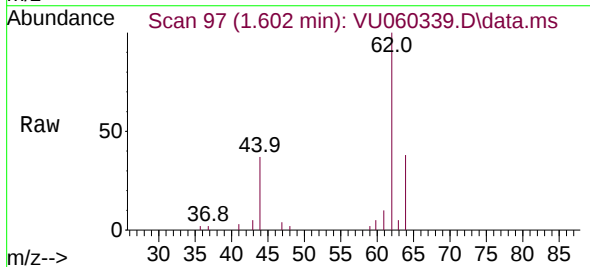


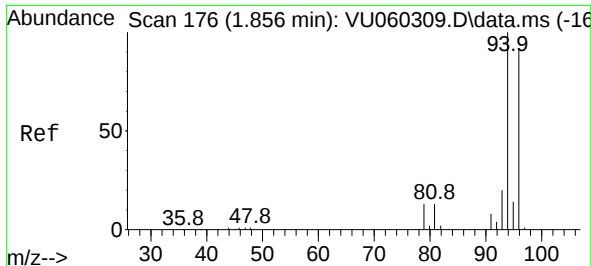
Tgt Ion: 50 Resp: 6507
Ion Ratio Lower Upper
50 100
52 36.5 26.5 39.7



#4
Vinyl Chloride
Concen: 0.533 ug/l
RT: 1.602 min Scan# 97
Delta R.T. -0.000 min
Lab File: VU060339.D
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Tgt Ion: 62 Resp: 6645
Ion Ratio Lower Upper
62 100
64 37.8 25.8 38.6

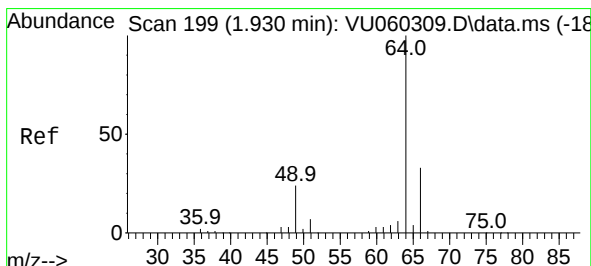
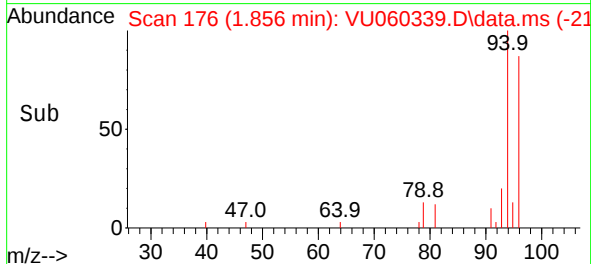
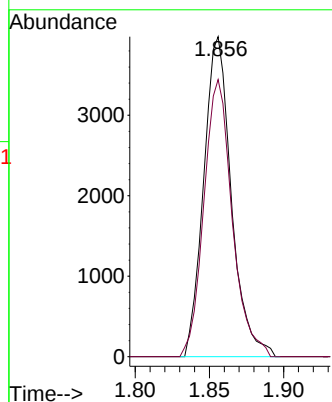
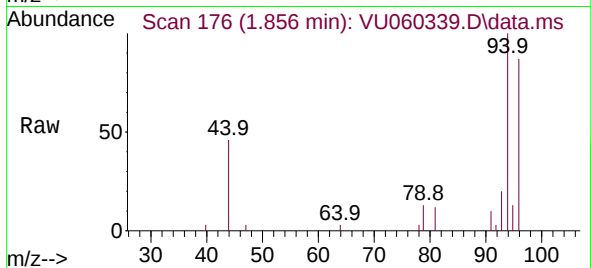




#5
Bromomethane
Concen: 0.672 ug/l
RT: 1.856 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU060339.D
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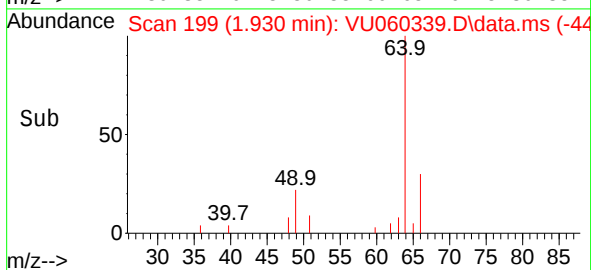
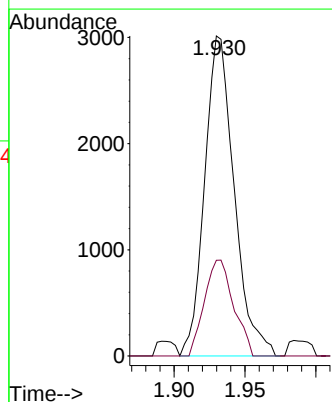
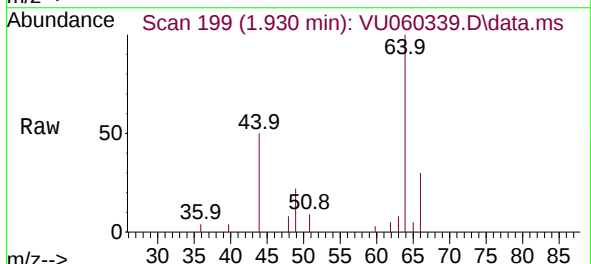
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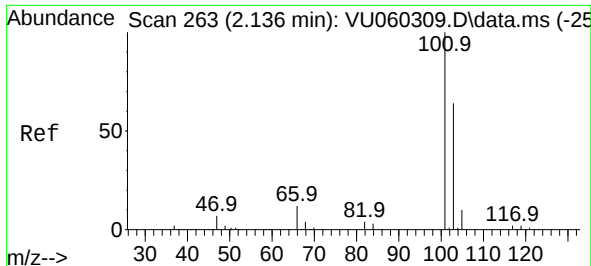
Tgt Ion: 94 Resp: 5148
Ion Ratio Lower Upper
94 100
96 86.6 73.8 110.8



#6
Chloroethane
Concen: 0.580 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 4377
Ion Ratio Lower Upper
64 100
66 29.9 26.3 39.5

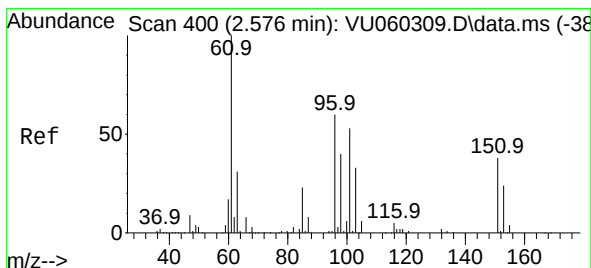
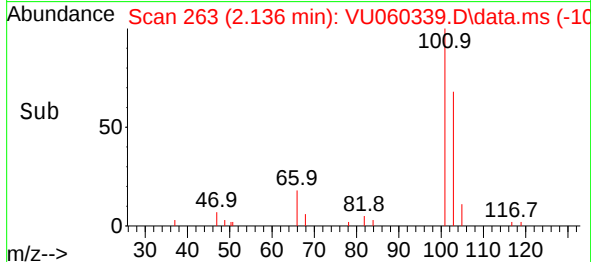
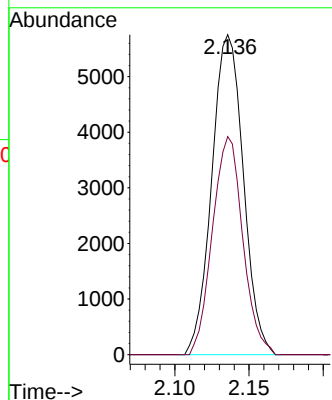
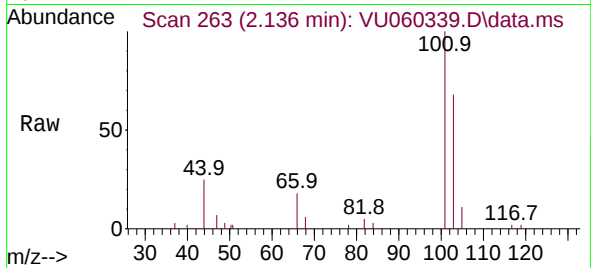




#7
Trichlorofluoromethane
Concen: 0.567 ug/l
RT: 2.136 min Scan# 20
Delta R.T. -0.000 min
Lab File: VU060339.D
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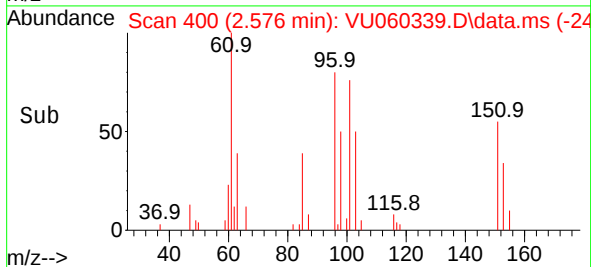
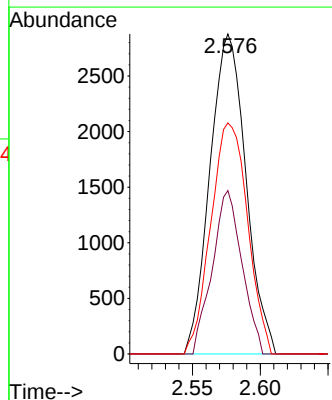
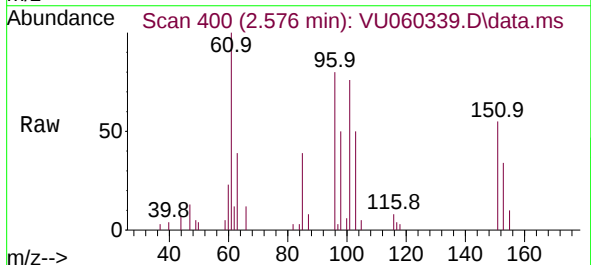
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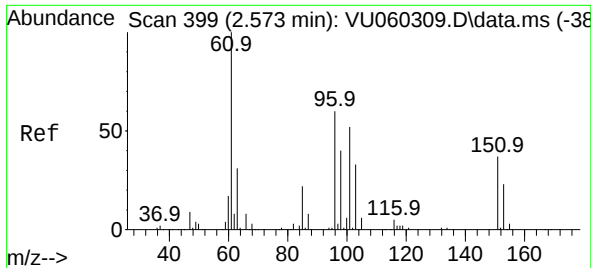
Tgt Ion:101 Resp: 8517
Ion Ratio Lower Upper
101 100
103 68.1 51.0 76.4



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.648 ug/l
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU060339.D
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Tgt Ion:101 Resp: 5302
Ion Ratio Lower Upper
101 100
85 42.2 34.9 52.3
151 73.9 57.2 85.8

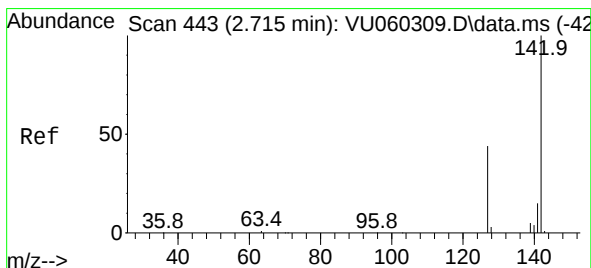
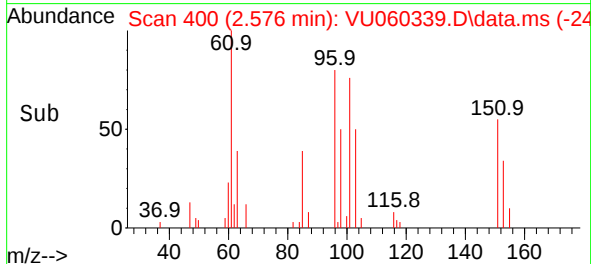
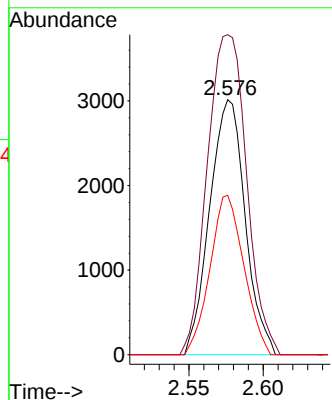
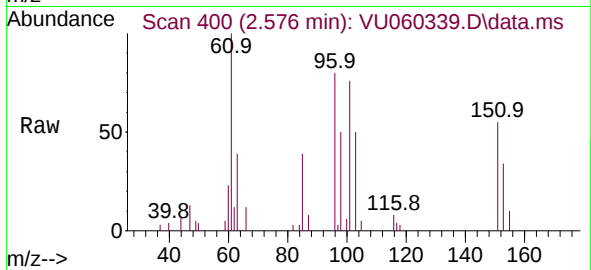




#9
1,1-Dichloroethene
Concen: 0.591 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
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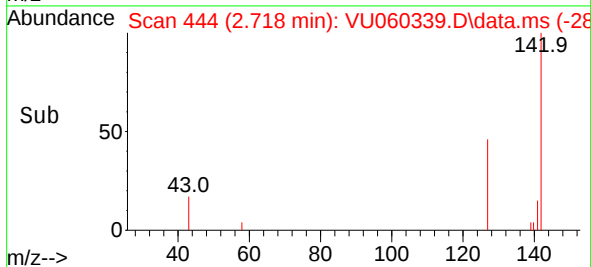
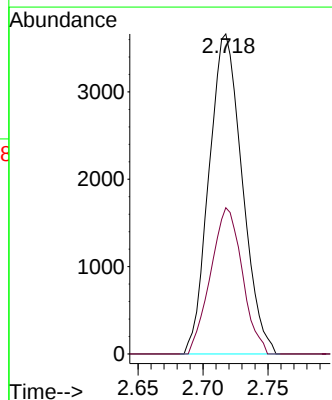
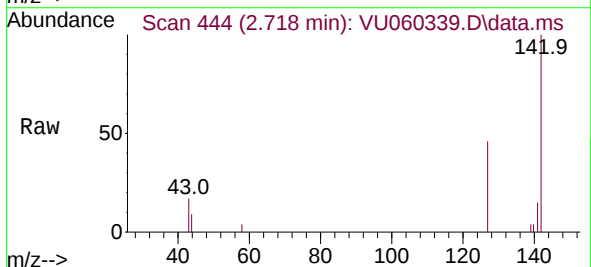
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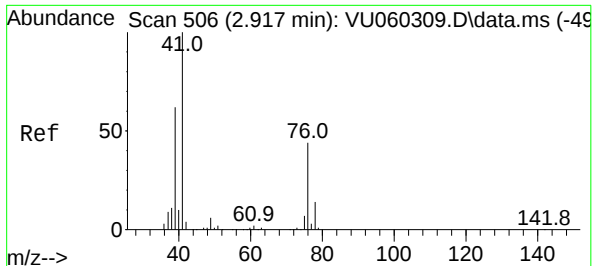
Tgt Ion: 96 Resp: 5009
Ion Ratio Lower Upper
96 100
61 125.5 0.0 495.9
98 62.5 0.0 131.6



#10
Iodomethane
Concen: 0.516 ug/l
RT: 2.718 min Scan# 444
Delta R.T. 0.003 min
Lab File: VU060339.D
Acq: 07 Aug 2024 16:25

Tgt Ion: 142 Resp: 6486
Ion Ratio Lower Upper
142 100
127 43.6 35.5 53.3





#11

Allyl Chloride

Concen: 0.454 ug/l

RT: 2.920 min Scan# 506

Delta R.T. 0.003 min

Lab File: VU060339.D

Acq: 07 Aug 2024 16:25

Instrument :

MSVOA_U

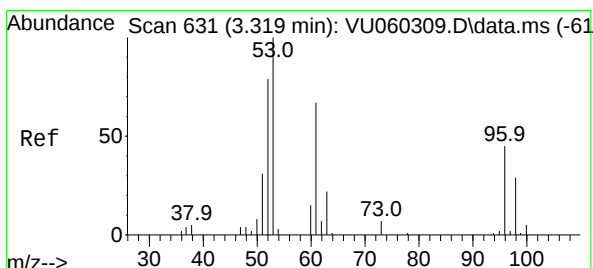
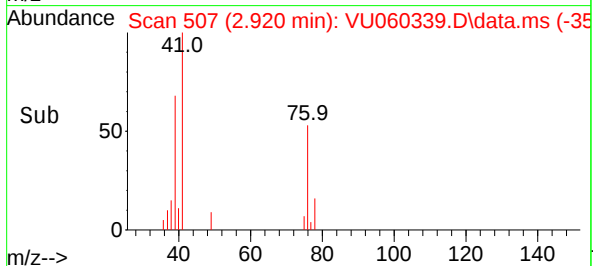
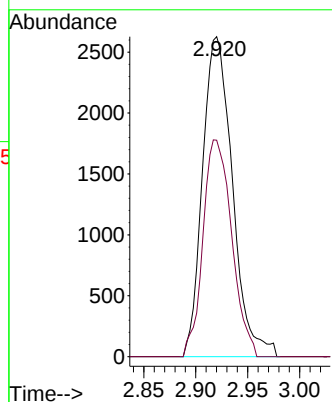
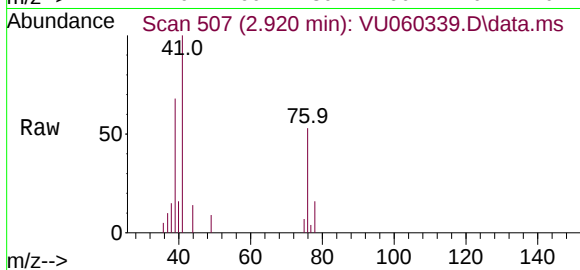
ClientSampleId :

Tgt Ion: 41 Resp: 5270

Ion Ratio Lower Upper

41 100

39 65.0 50.0 75.0



#12

Acrylonitrile

Concen: 0.412 ug/l

RT: 3.364 min Scan# 645

Delta R.T. 0.045 min

Lab File: VU060339.D

Acq: 07 Aug 2024 16:25

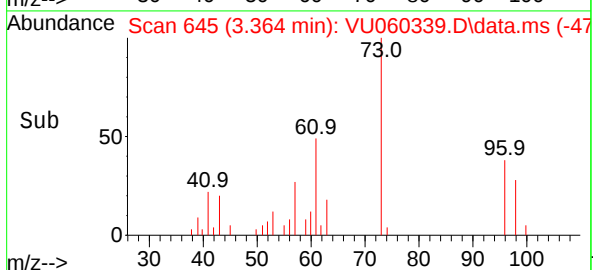
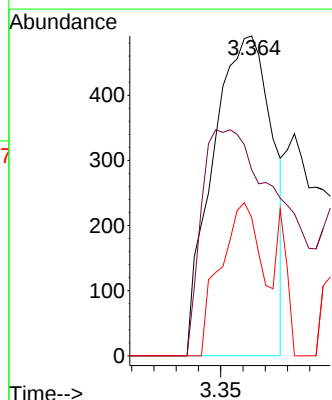
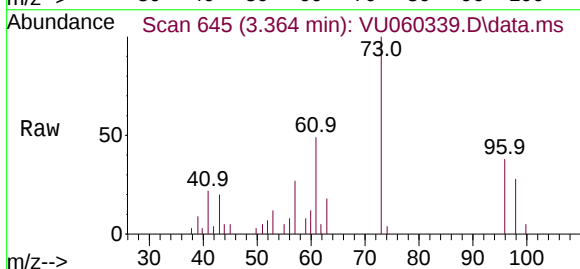
Tgt Ion: 53 Resp: 912

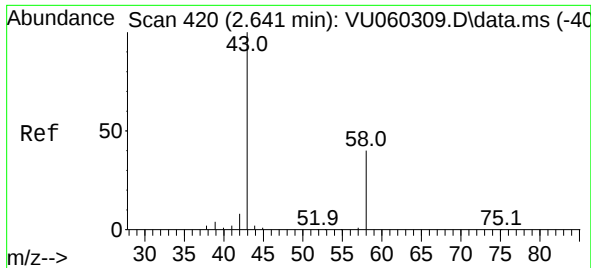
Ion Ratio Lower Upper

53 100

52 98.4 63.7 95.5#

51 33.8 28.2 42.4





#13

Acetone

Concen: 1.546 ug/l

RT: 2.666 min Scan# 41

Delta R.T. 0.025 min

Lab File: VU060339.D

Acq: 07 Aug 2024 16:25

Instrument :

MSVOA_U

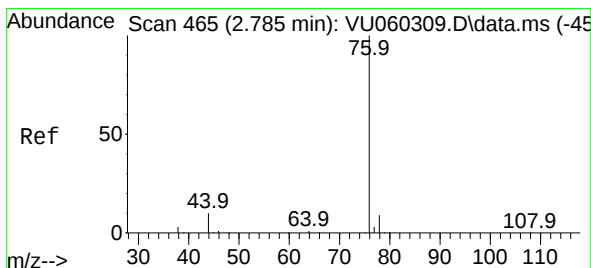
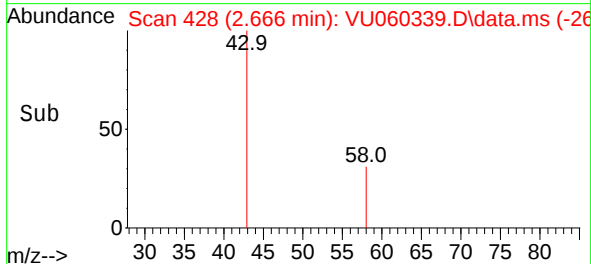
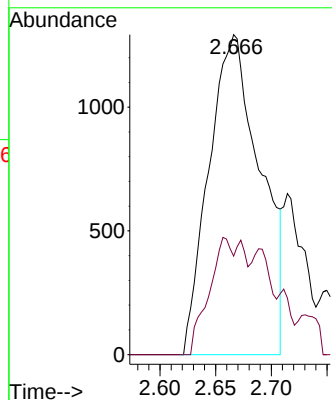
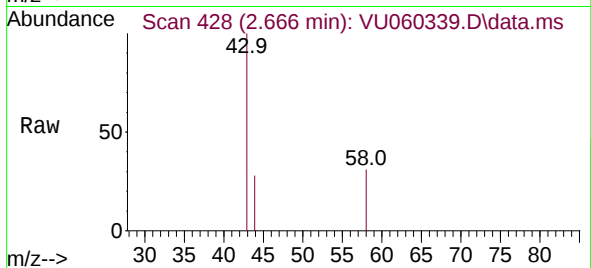
ClientSampleId :

Tgt Ion: 43 Resp: 4156

Ion Ratio Lower Upper

43 100

58 30.8 31.8 47.8#



#14

Carbon Disulfide

Concen: 0.532 ug/l

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU060339.D

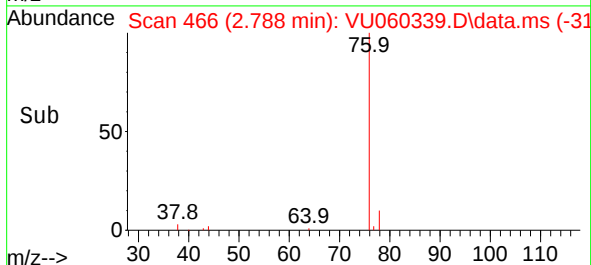
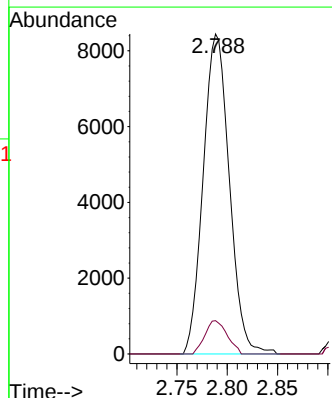
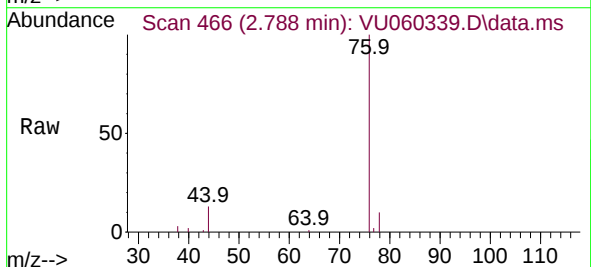
Acq: 07 Aug 2024 16:25

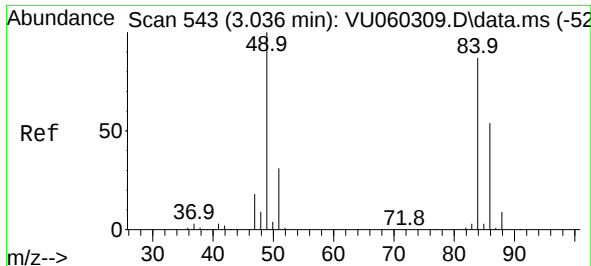
Tgt Ion: 76 Resp: 15274

Ion Ratio Lower Upper

76 100

78 10.4 7.4 11.0





#15

Methylene Chloride

Concen: 0.666 ug/l

RT: 3.039 min Scan# 54

Delta R.T. 0.003 min

Lab File: VU060339.D

Acq: 07 Aug 2024 16:25

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 84 Resp: 7063

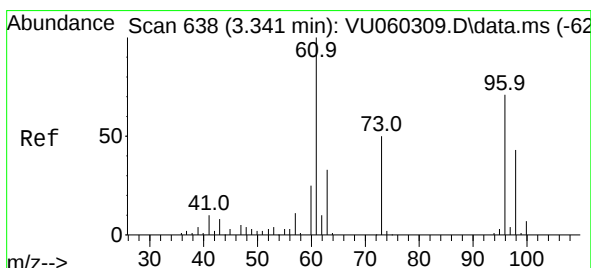
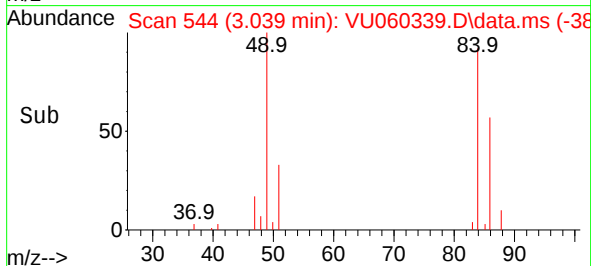
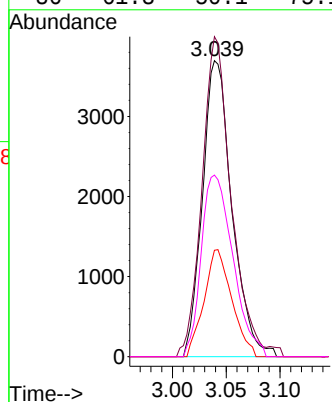
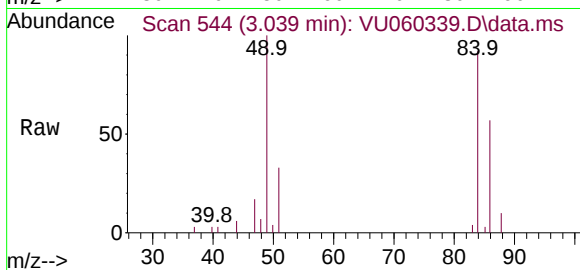
Ion Ratio Lower Upper

84 100

49 105.2 92.1 138.1

51 36.0 0.0 72.4

86 61.3 50.1 75.1



#16

trans-1,2-Dichloroethene

Concen: 0.530 ug/l

RT: 3.351 min Scan# 641

Delta R.T. 0.009 min

Lab File: VU060339.D

Acq: 07 Aug 2024 16:25

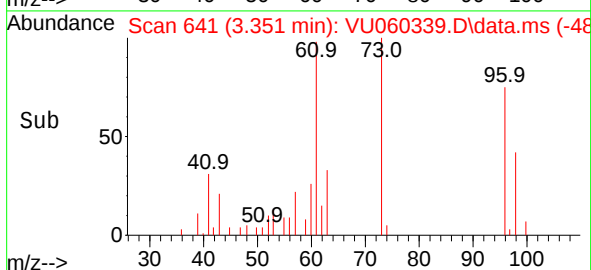
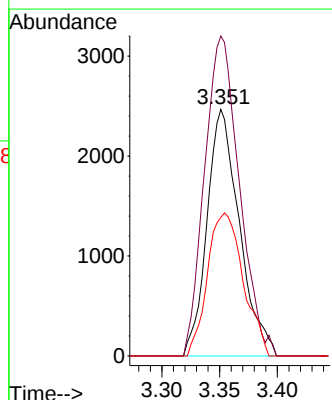
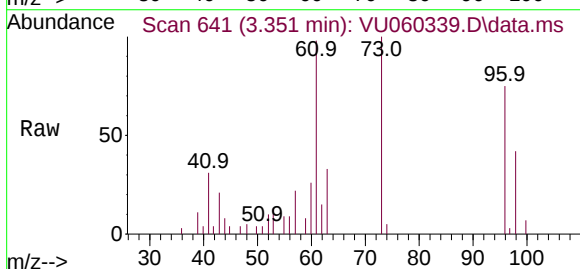
Tgt Ion: 96 Resp: 4816

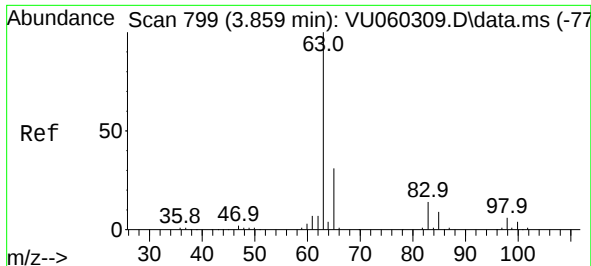
Ion Ratio Lower Upper

96 100

61 129.7 112.8 169.2

98 56.2 48.7 73.1

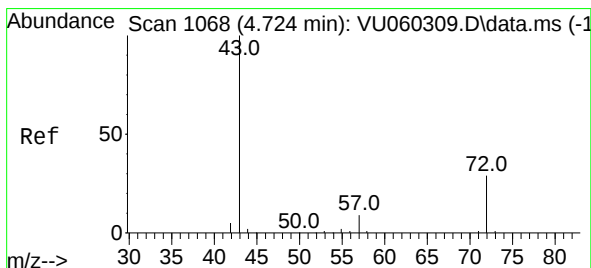
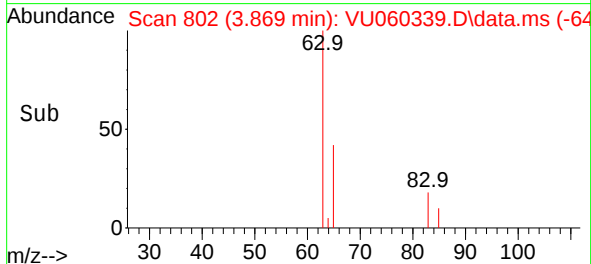
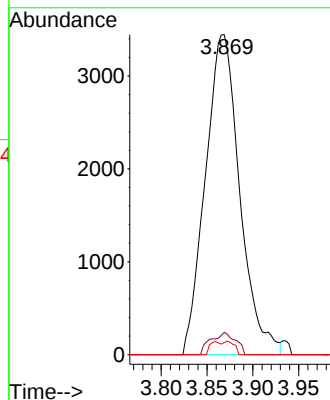
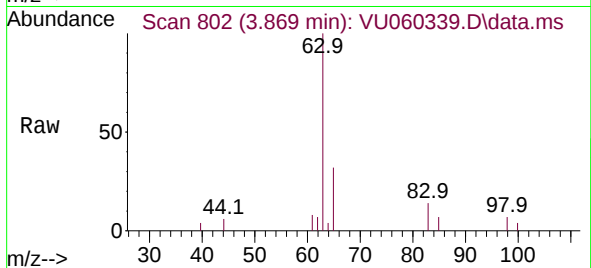




#17
1,1-Dichloroethane
Concen: 0.515 ug/l
RT: 3.869 min Scan# 802
Delta R.T. 0.009 min
Lab File: VU060339.D
Acq: 07 Aug 2024 16:25

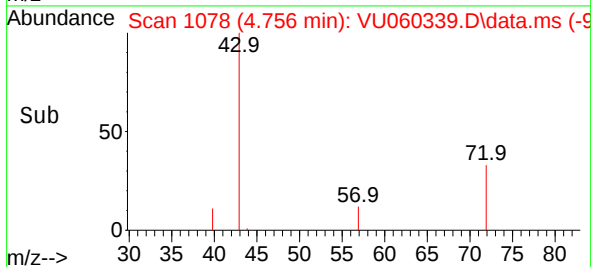
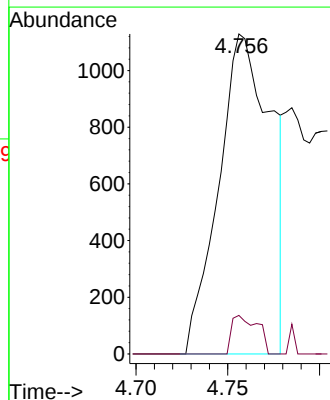
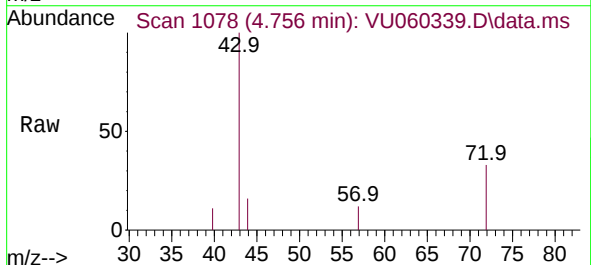
Instrument :
MSVOA_U
ClientSampleId :

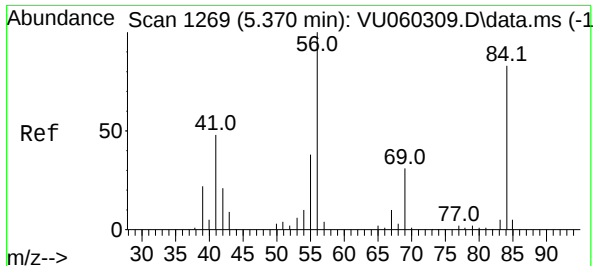
Tgt Ion: 63 Resp: 8994
Ion Ratio Lower Upper
63 100
98 6.9 3.1 9.4
100 3.8 2.0 5.8



#18
2-Butanone
Concen: 0.720 ug/l
RT: 4.756 min Scan# 1078
Delta R.T. 0.032 min
Lab File: VU060339.D
Acq: 07 Aug 2024 16:25

Tgt Ion: 43 Resp: 2238
Ion Ratio Lower Upper
43 100
57 12.0 0.0 18.4





#19

Cyclohexane

Concen: 0.366 ug/l

RT: 5.380 min Scan# 1701

Delta R.T. 0.009 min

Lab File: VU060339.D

Acq: 07 Aug 2024 16:25

Instrument :

MSVOA_U

ClientSampleId :

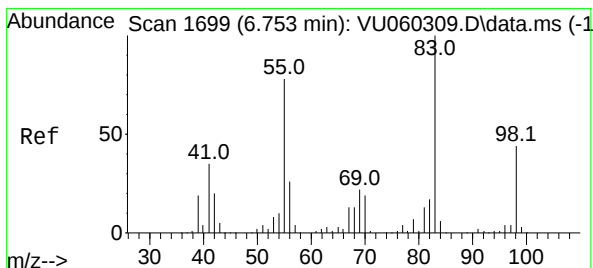
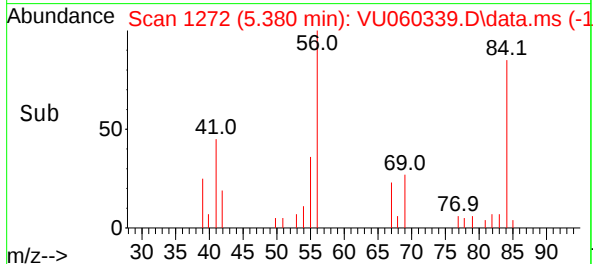
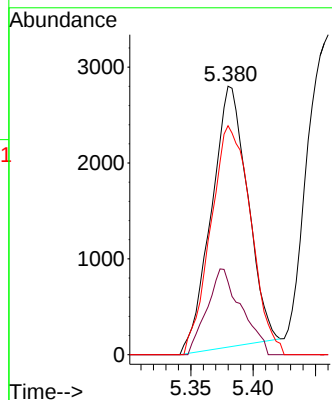
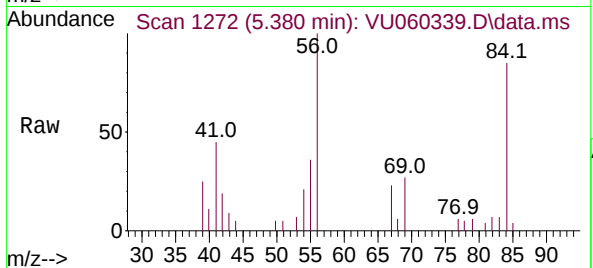
Tgt Ion: 56 Resp: 5508

Ion Ratio Lower Upper

56 100

69 31.3 24.2 36.2

84 97.3 63.9 95.9#



#20

Methylcyclohexane

Concen: 0.452 ug/l

RT: 6.759 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VU060339.D

Acq: 07 Aug 2024 16:25

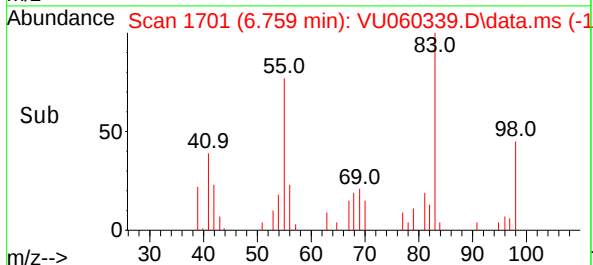
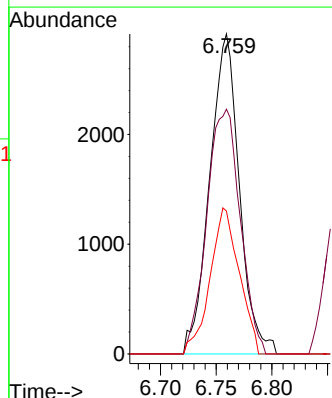
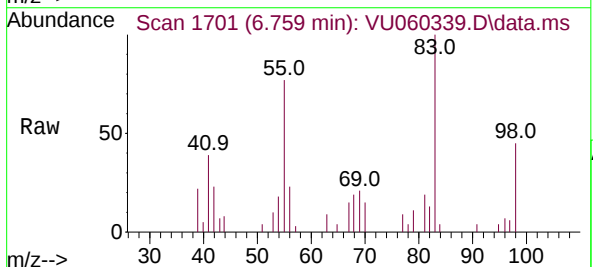
Tgt Ion: 83 Resp: 5397

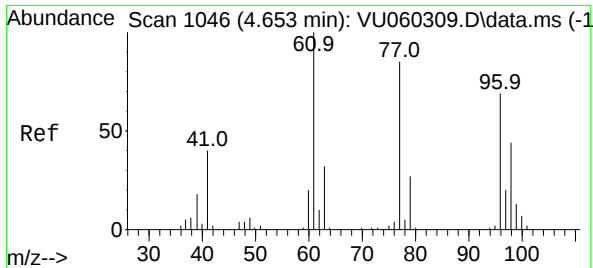
Ion Ratio Lower Upper

83 100

55 86.3 62.2 93.2

98 44.9 36.1 54.1

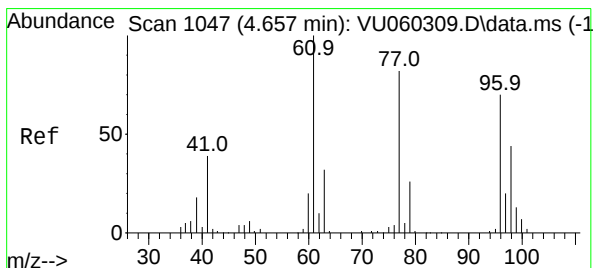
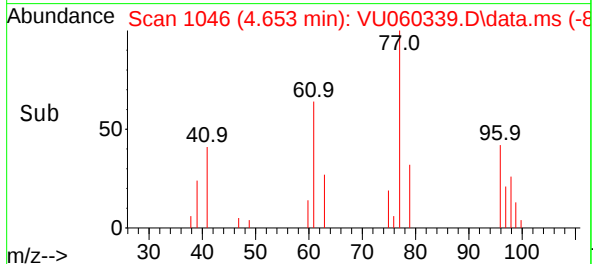
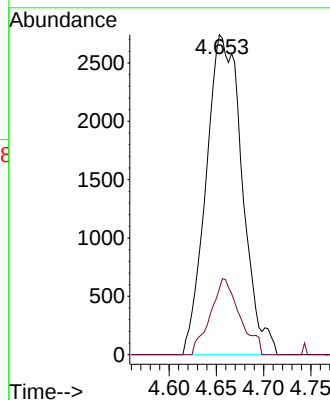
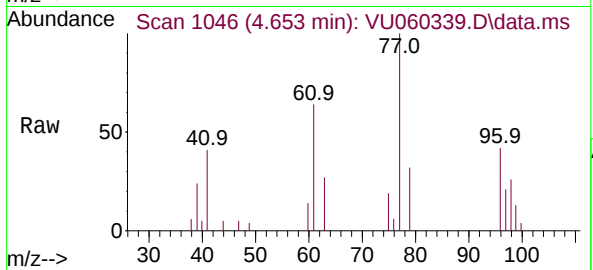




#21
2,2-Dichloropropane
Concen: 0.534 ug/l
RT: 4.653 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VU060339.D
Acq: 07 Aug 2024 16:25

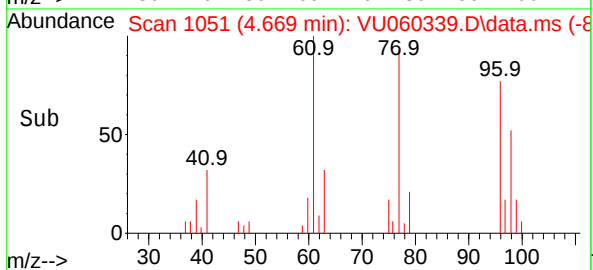
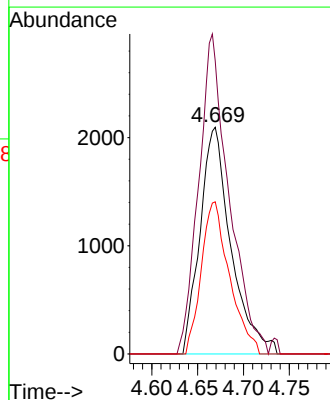
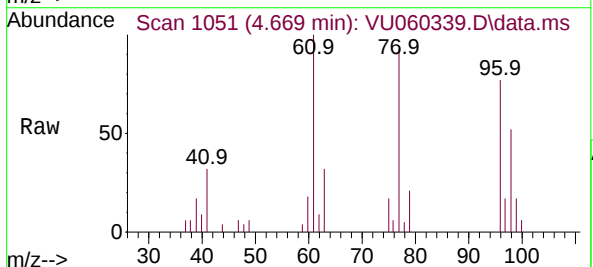
Instrument :
MSVOA_U
ClientSampleId :

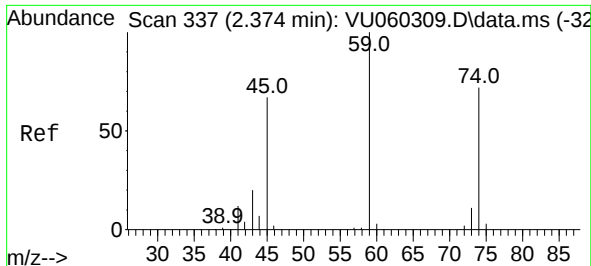
Tgt Ion: 77 Resp: 7256
Ion Ratio Lower Upper
77 100
97 19.4 18.6 27.8



#22
cis-1,2-Dichloroethene
Concen: 0.506 ug/l
RT: 4.669 min Scan# 1051
Delta R.T. 0.013 min
Lab File: VU060339.D
Acq: 07 Aug 2024 16:25

Tgt Ion: 96 Resp: 4922
Ion Ratio Lower Upper
96 100
61 137.9 0.0 372.8
98 61.1 31.8 95.4





#23

Diethyl Ether

Concen: 0.543 ug/l

RT: 2.373 min Scan# 337

Delta R.T. -0.000 min

Lab File: VU060339.D

Acq: 07 Aug 2024 16:25

Instrument :

MSVOA_U

ClientSampleId :

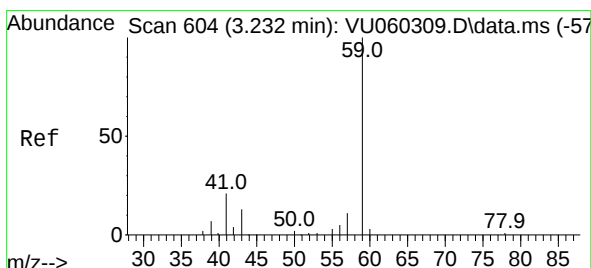
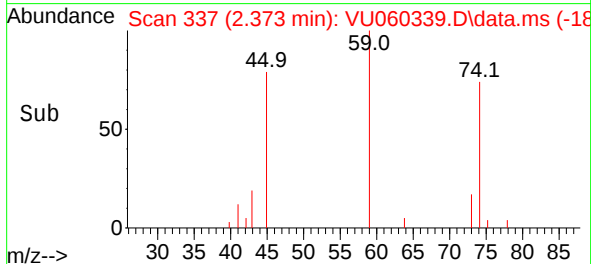
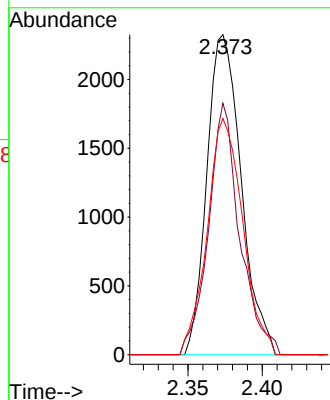
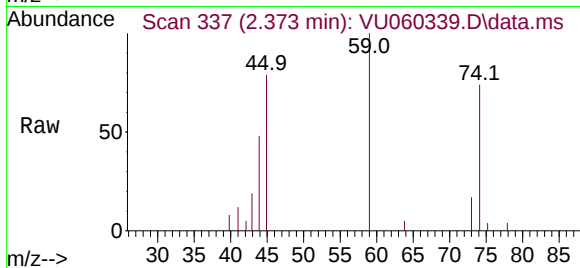
Tgt Ion: 59 Resp: 3736

Ion Ratio Lower Upper

59 100

45 71.6 55.8 83.6

74 76.5 59.2 88.8



#24

tert-Butyl Alcohol

Concen: 0.248 ug/l

RT: 3.226 min Scan# 602

Delta R.T. -0.006 min

Lab File: VU060339.D

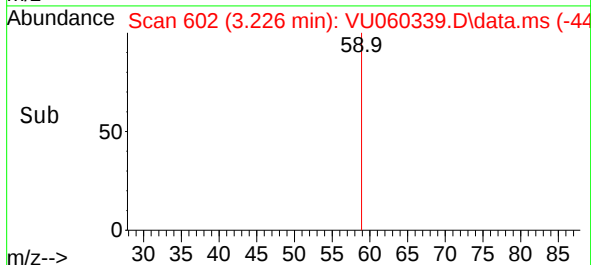
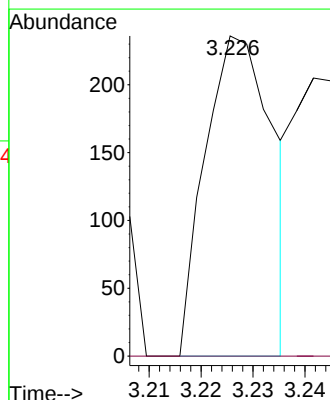
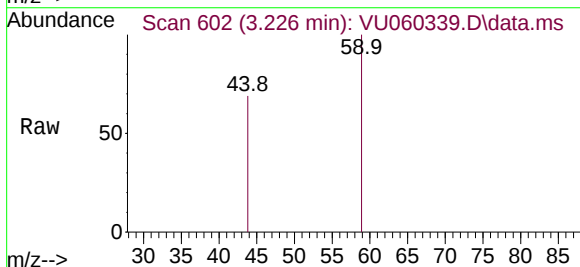
Acq: 07 Aug 2024 16:25

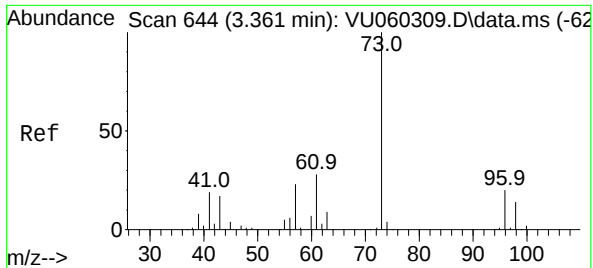
Tgt Ion: 59 Resp: 213

Ion Ratio Lower Upper

59 100

57 0.0 4.5 6.7#

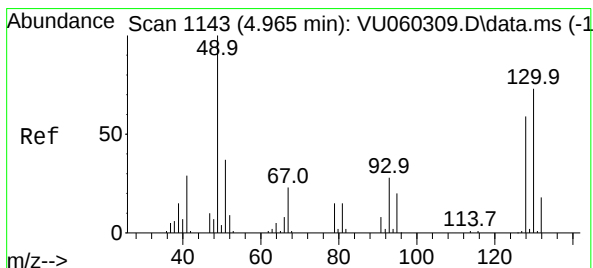
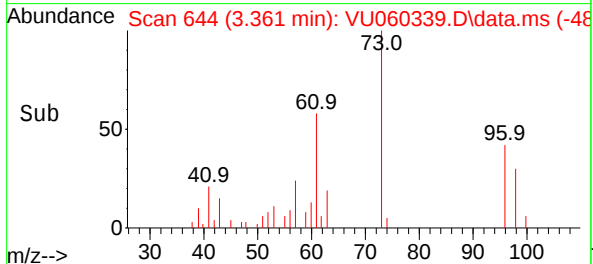
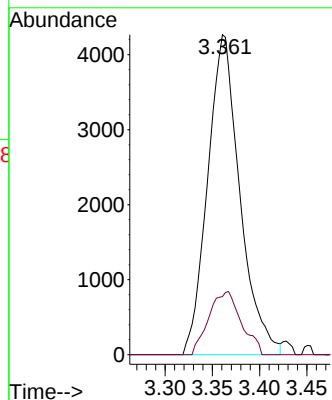
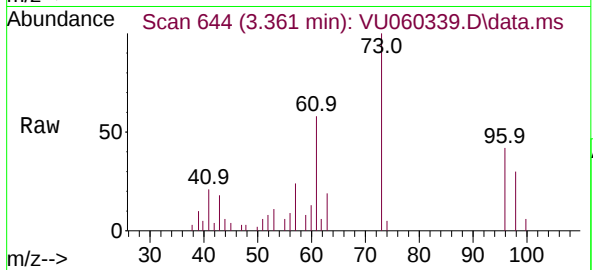




#25
Methyl tert-Butyl Ether
Concen: 0.486 ug/l
RT: 3.361 min Scan# 644
Delta R.T. -0.000 min
Lab File: VU060339.D
Acq: 07 Aug 2024 16:25

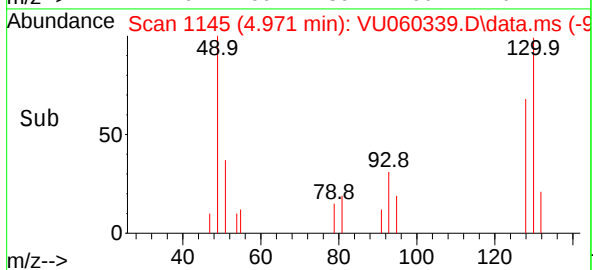
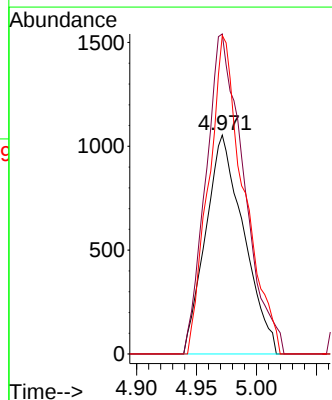
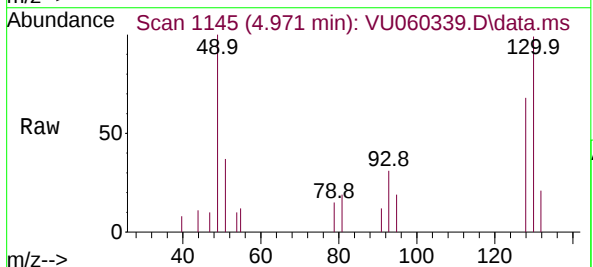
Instrument :
MSVOA_U
ClientSampleId :

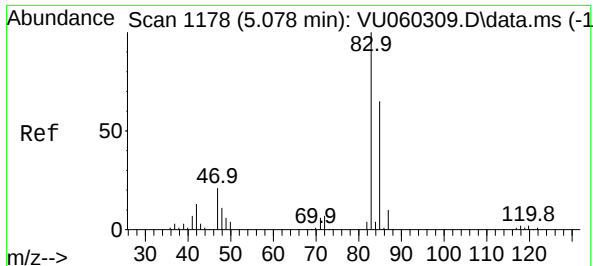
Tgt Ion: 73 Resp: 10116
Ion Ratio Lower Upper
73 100
43 19.9 14.1 21.1



#26
Bromochloromethane
Concen: 0.565 ug/l
RT: 4.971 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VU060339.D
Acq: 07 Aug 2024 16:25

Tgt Ion:128 Resp: 2327
Ion Ratio Lower Upper
128 100
49 146.4 0.0 340.8
130 134.9 102.1 153.1





#27

Chloroform

Concen: 0.586 ug/l

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU060339.D

Acq: 07 Aug 2024 16:25

Instrument :

MSVOA_U

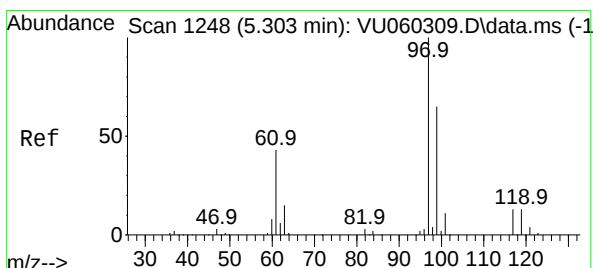
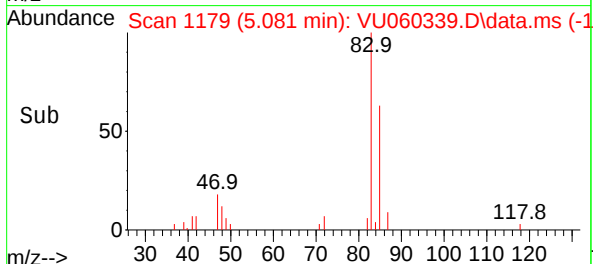
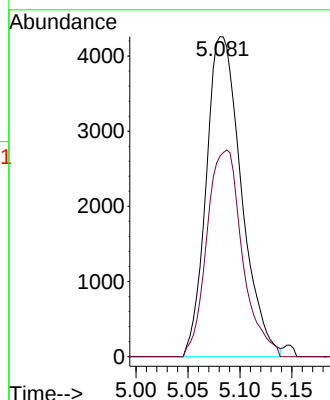
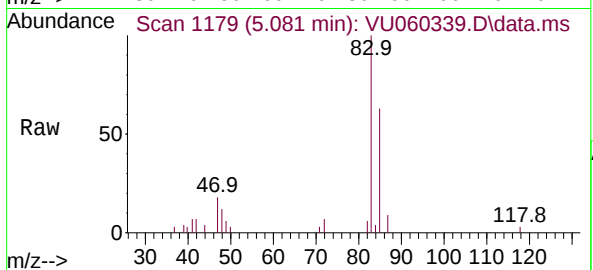
ClientSampleId :

Tgt Ion: 83 Resp: 10014

Ion Ratio Lower Upper

83 100

85 62.7 0.0 131.0



#28

1,1,1-Trichloroethane

Concen: 0.556 ug/l

RT: 5.309 min Scan# 1250

Delta R.T. 0.006 min

Lab File: VU060339.D

Acq: 07 Aug 2024 16:25

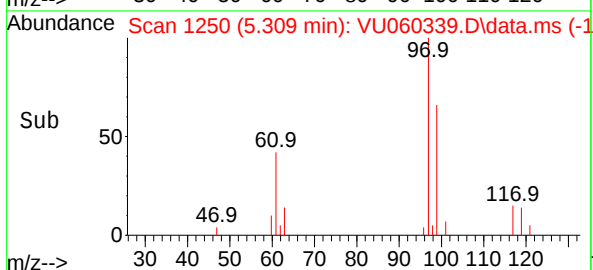
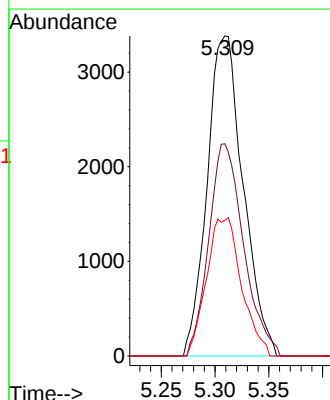
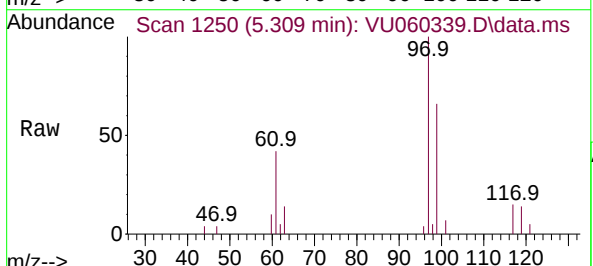
Tgt Ion: 97 Resp: 7891

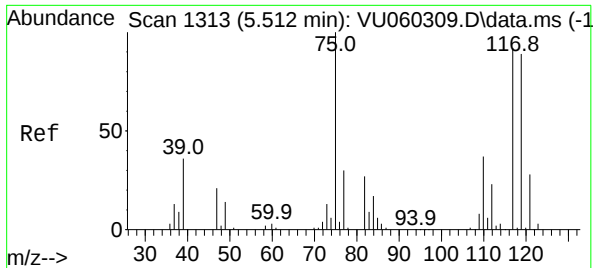
Ion Ratio Lower Upper

97 100

99 64.1 32.8 98.4

61 41.9 22.3 66.9

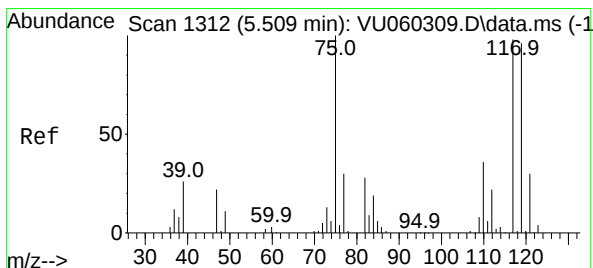
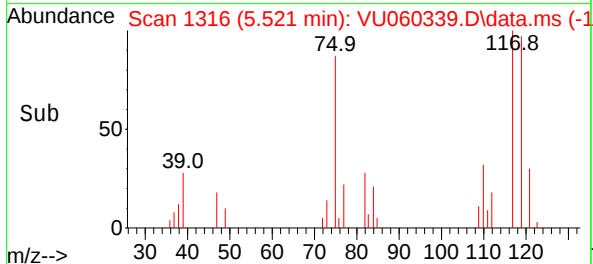
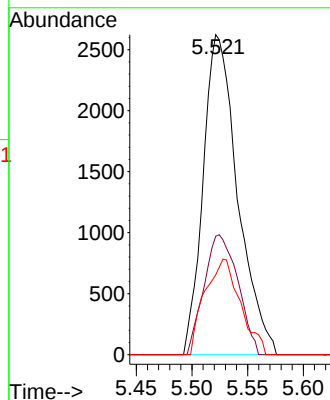
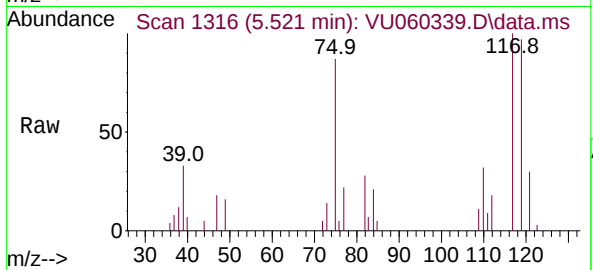




#29
1,1-Dichloropropene
Concen: 0.498 ug/l
RT: 5.521 min Scan# 1316
Delta R.T. 0.009 min
Lab File: VU060339.D
Acq: 07 Aug 2024 16:25

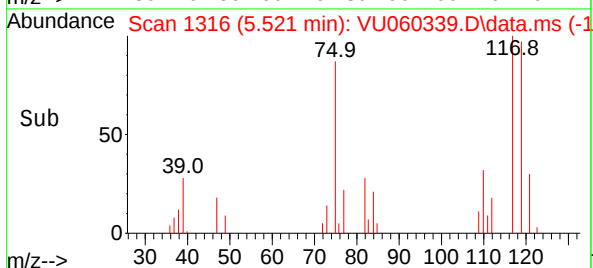
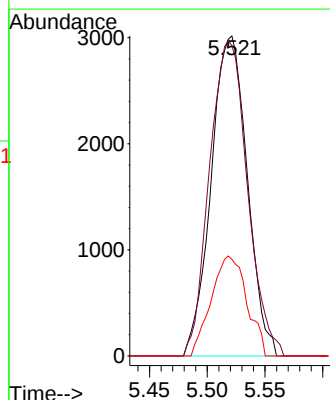
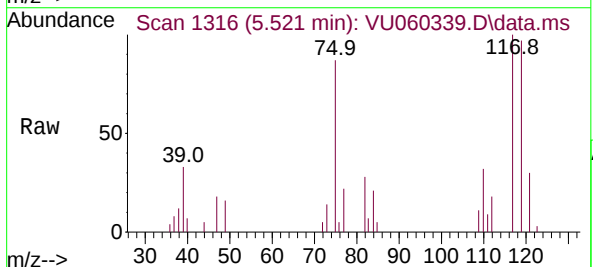
Instrument :
MSVOA_U
ClientSampleId :

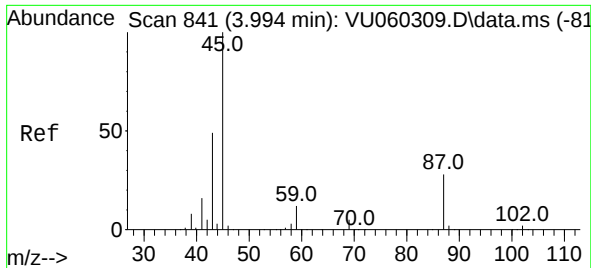
Tgt Ion: 75 Resp: 5656
Ion Ratio Lower Upper
75 100
110 36.7 18.4 55.2
77 30.6 24.8 37.2



#30
Carbon Tetrachloride
Concen: 0.566 ug/l
RT: 5.521 min Scan# 1316
Delta R.T. 0.013 min
Lab File: VU060339.D
Acq: 07 Aug 2024 16:25

Tgt Ion: 117 Resp: 6548
Ion Ratio Lower Upper
117 100
119 97.0 77.8 116.6
121 30.2 24.2 36.2

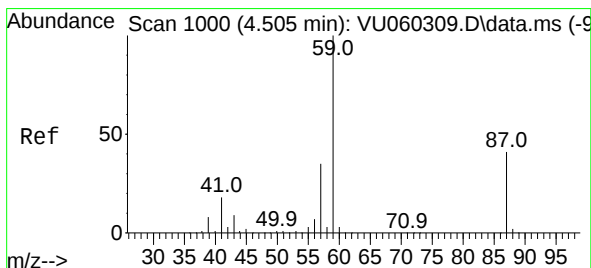
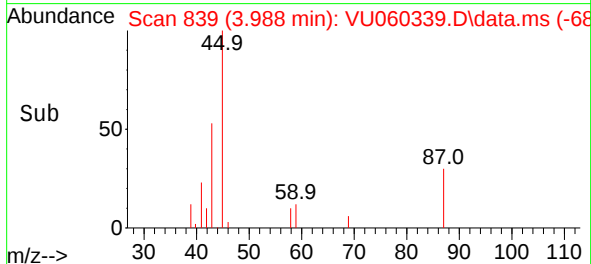
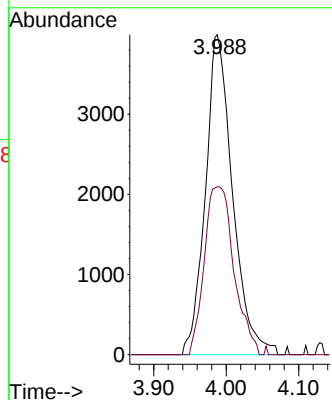
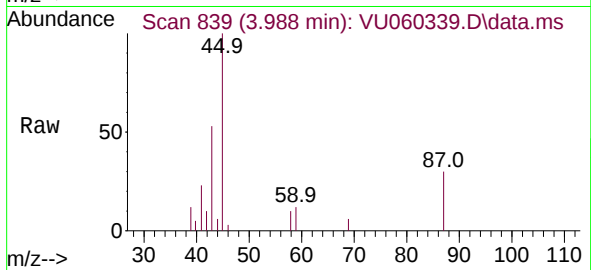




#31
Isopropyl Ether
Concen: 0.408 ug/l
RT: 3.988 min Scan# 841
Delta R.T. -0.007 min
Lab File: VU060339.D
Acq: 07 Aug 2024 16:25

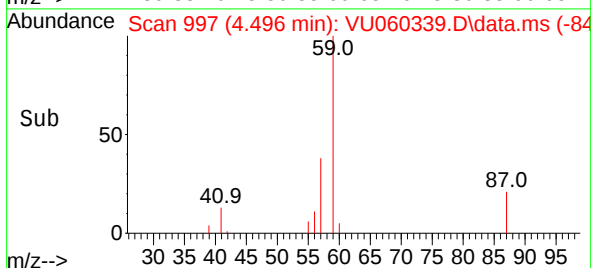
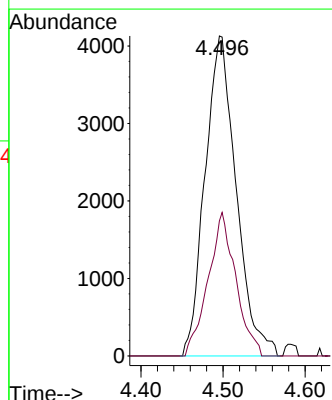
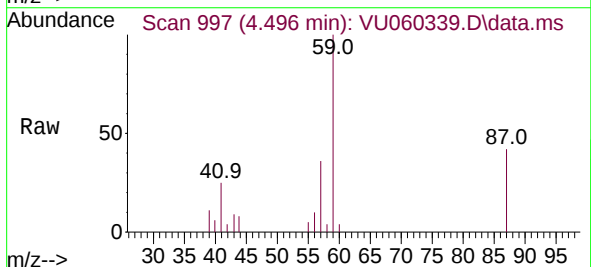
Instrument :
MSVOA_U
ClientSampleId :

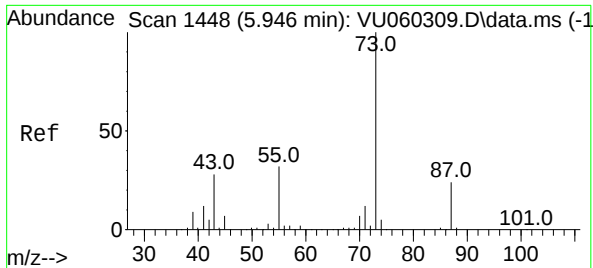
Tgt Ion: 45 Resp: 10408
Ion Ratio Lower Upper
45 100
43 57.2 24.7 74.1



#32
Ethyl-t-butyl ether
Concen: 0.442 ug/l
RT: 4.496 min Scan# 997
Delta R.T. -0.010 min
Lab File: VU060339.D
Acq: 07 Aug 2024 16:25

Tgt Ion: 59 Resp: 10896
Ion Ratio Lower Upper
59 100
87 39.9 32.6 49.0

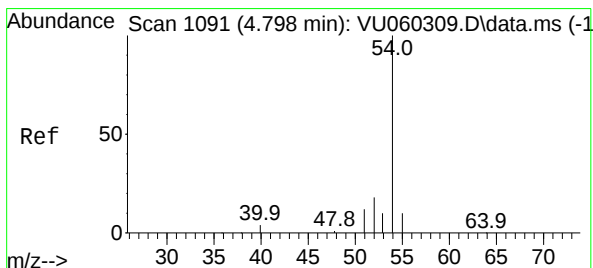
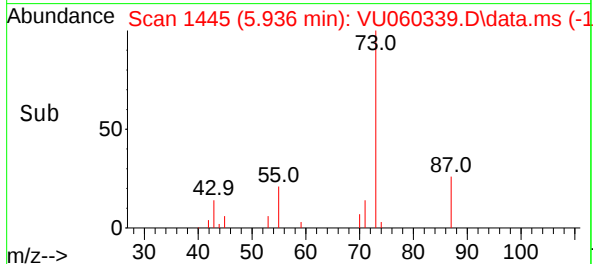
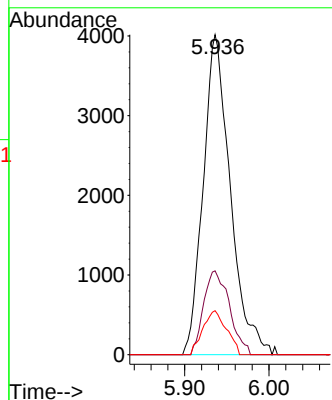
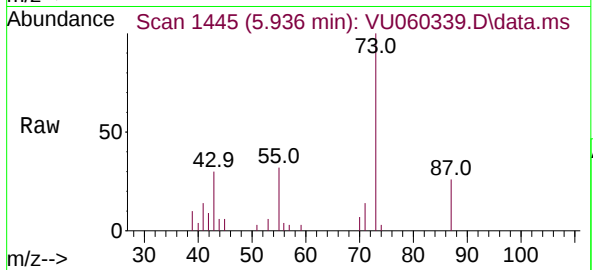




#33
Tert-Amyl methyl ether
Concen: 0.514 ug/l
RT: 5.936 min Scan# 1103
Delta R.T. -0.010 min
Lab File: VU060339.D
Acq: 07 Aug 2024 16:25

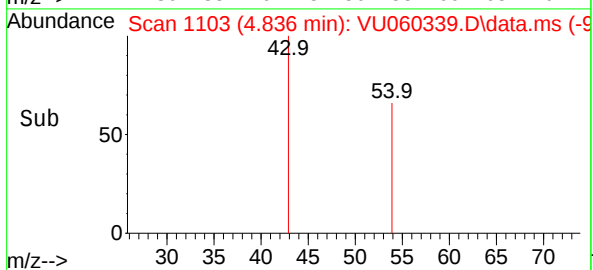
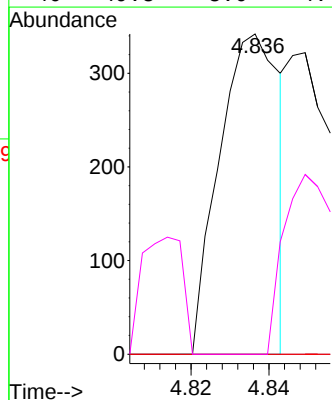
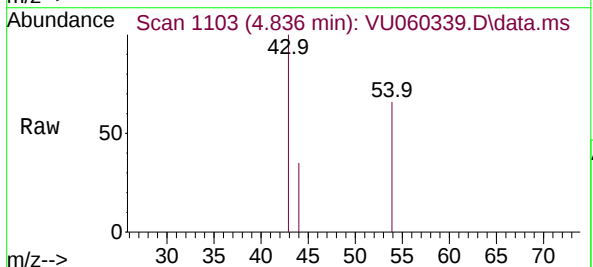
Instrument :
MSVOA_U
ClientSampleId :

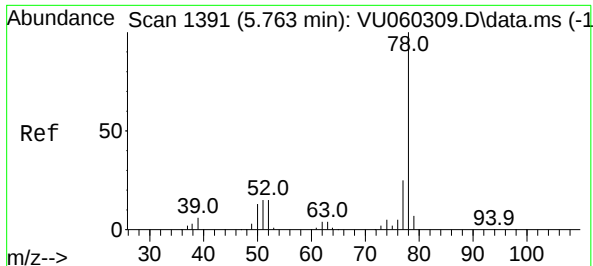
Tgt Ion: 73	Resp:	8998
Ion	Ratio	Lower Upper
73	100	
87	24.9	19.6 29.4
71	11.9	9.5 14.3



#34
Propionitrile
Concen: 0.411 ug/l
RT: 4.836 min Scan# 1103
Delta R.T. 0.038 min
Lab File: VU060339.D
Acq: 07 Aug 2024 16:25

Tgt Ion: 54	Resp:	365
Ion	Ratio	Lower Upper
54	100	
52	0.0	16.4 24.6#
55	0.0	5.2 7.8#
40	49.3	3.0 4.4#





#35

Benzene

Concen: 0.551 ug/l

RT: 5.772 min Scan# 1400

Delta R.T. 0.009 min

Lab File: VU060339.D

Acq: 07 Aug 2024 16:25

Instrument :

MSVOA_U

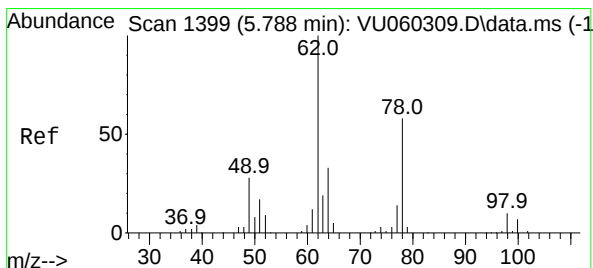
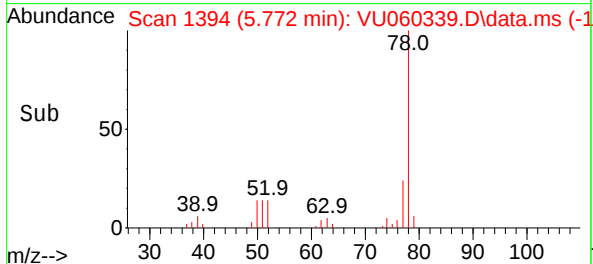
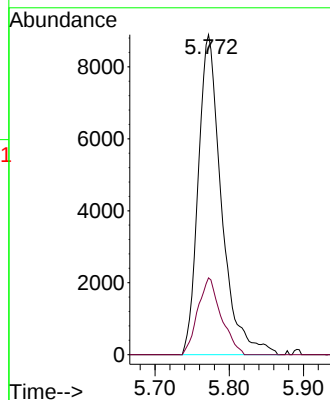
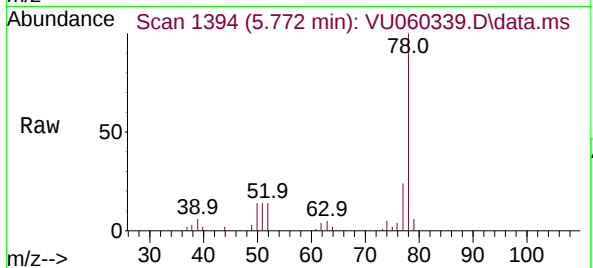
ClientSampleId :

Tgt Ion: 78 Resp: 19294

Ion Ratio Lower Upper

78 100

77 24.0 20.2 30.2



#36

1,2-Dichloroethane

Concen: 0.534 ug/l

RT: 5.791 min Scan# 1400

Delta R.T. 0.003 min

Lab File: VU060339.D

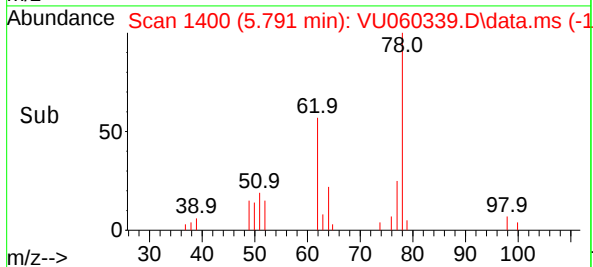
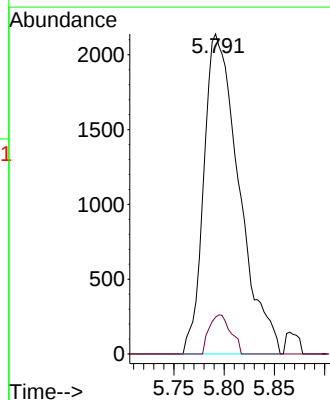
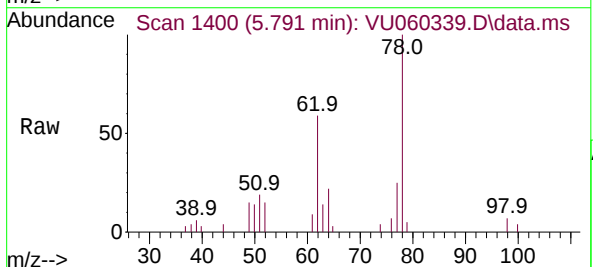
Acq: 07 Aug 2024 16:25

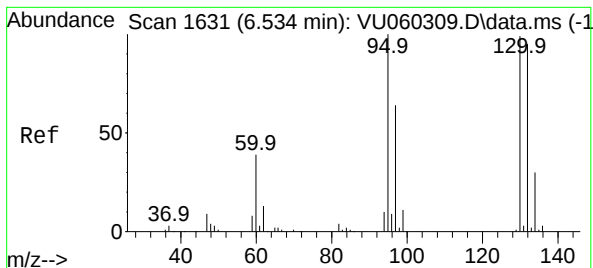
Tgt Ion: 62 Resp: 5200

Ion Ratio Lower Upper

62 100

98 7.5 8.1 12.1#





#37

Trichloroethene

Concen: 0.615 ug/l

RT: 6.541 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU060339.D

Acq: 07 Aug 2024 16:25

Instrument :

MSVOA_U

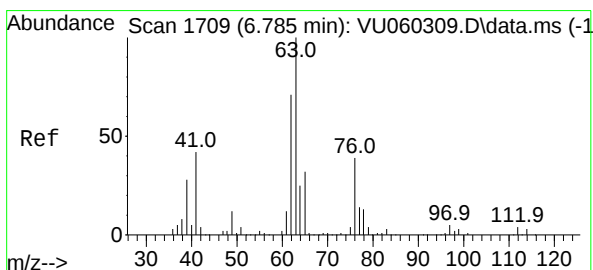
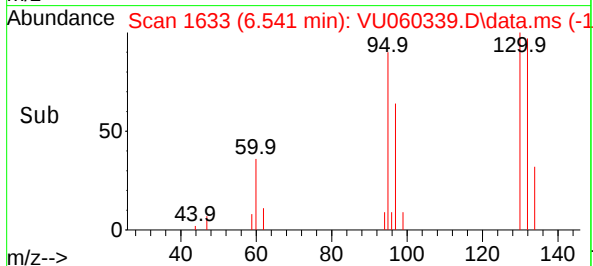
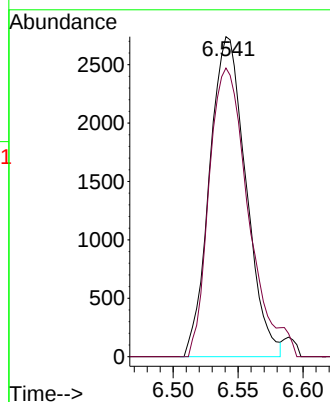
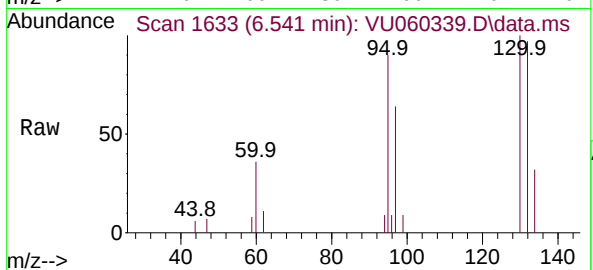
ClientSampleId :

Tgt Ion:130 Resp: 5331

Ion Ratio Lower Upper

130 100

95 90.2 80.6 121.0



#38

1,2-Dichloropropane

Concen: 0.554 ug/l

RT: 6.788 min Scan# 1710

Delta R.T. 0.003 min

Lab File: VU060339.D

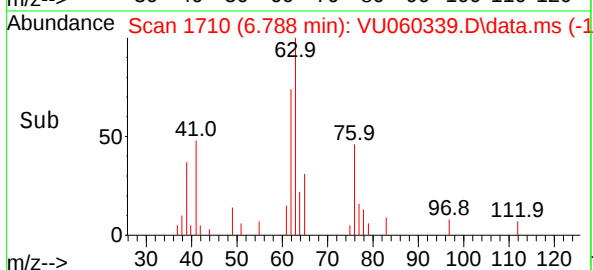
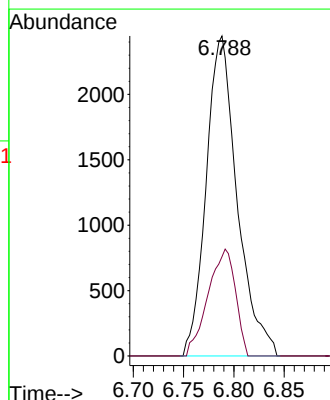
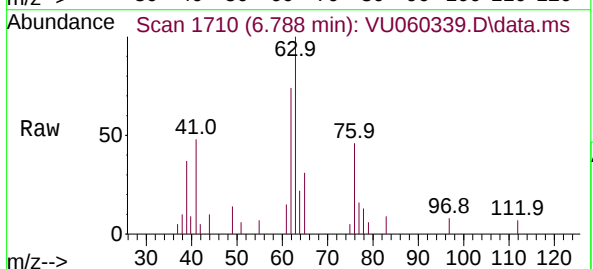
Acq: 07 Aug 2024 16:25

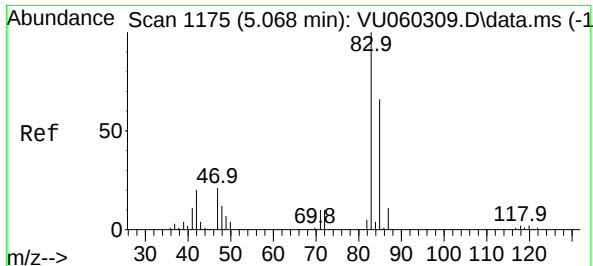
Tgt Ion: 63 Resp: 5246

Ion Ratio Lower Upper

63 100

65 31.0 25.6 38.4





#41

Tetrahydrofuran

Concen: 0.589 ug/l

RT: 5.087 min Scan# 1175

Delta R.T. 0.019 min

Lab File: VU060339.D

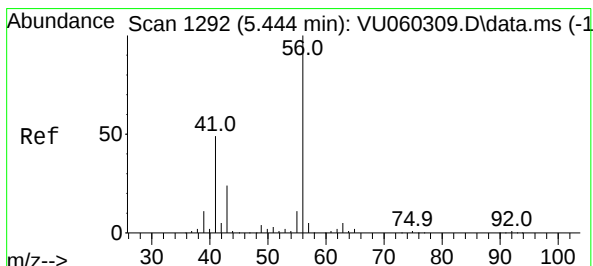
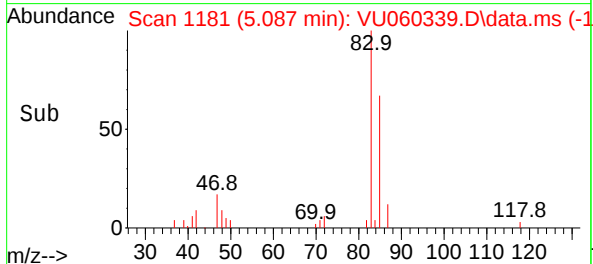
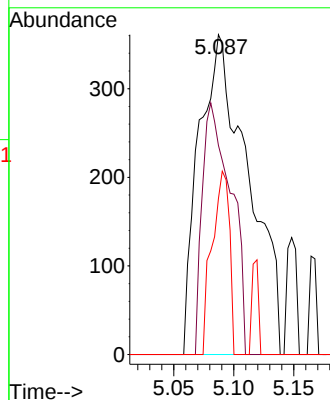
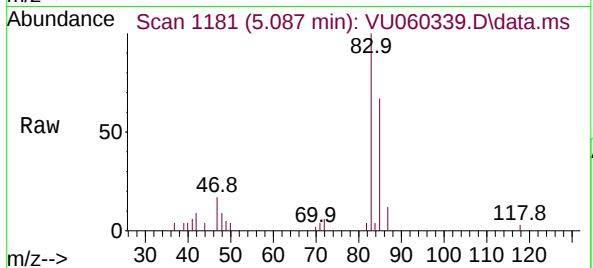
Acq: 07 Aug 2024 16:25

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	42	Resp:	1031
Ion Ratio	Lower	Upper	
42	100		
72	45.8	40.6	60.8
71	20.2	38.0	57.0#



#42

1-Chlorobutane

Concen: 0.482 ug/l

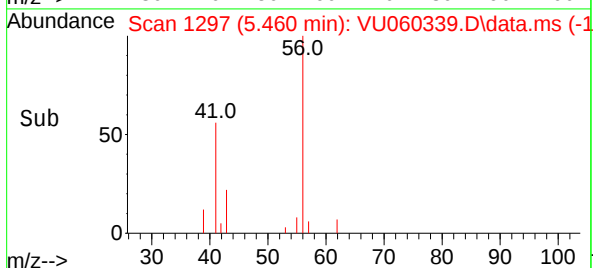
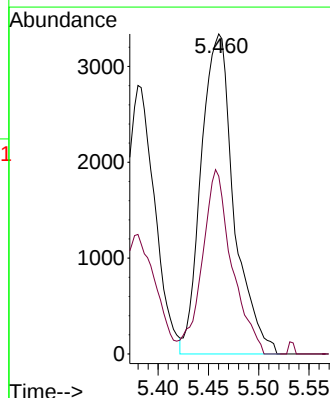
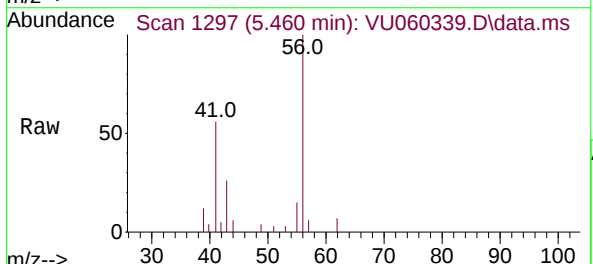
RT: 5.460 min Scan# 1297

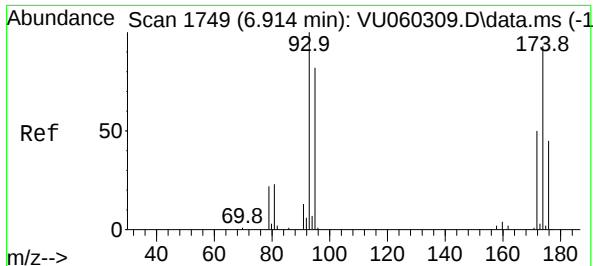
Delta R.T. 0.016 min

Lab File: VU060339.D

Acq: 07 Aug 2024 16:25

Tgt Ion:	56	Resp:	7560
Ion Ratio	Lower	Upper	
56	100		
41	52.3	23.8	71.5





#43

Dibromomethane

Concen: 0.512 ug/l

RT: 6.923 min Scan# 1

Delta R.T. 0.009 min

Lab File: VU060339.D

Acq: 07 Aug 2024 16:25

Instrument :

MSVOA_U

ClientSampleId :

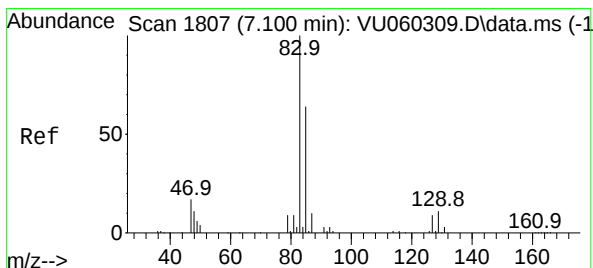
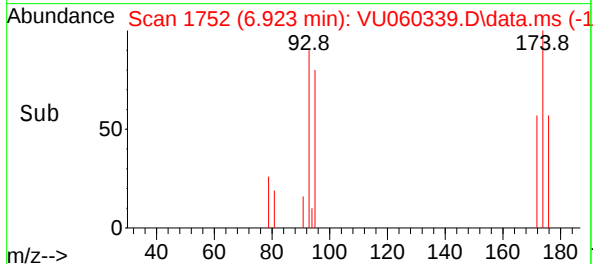
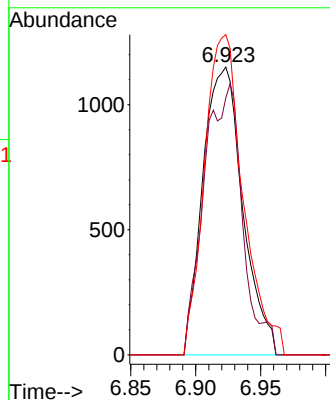
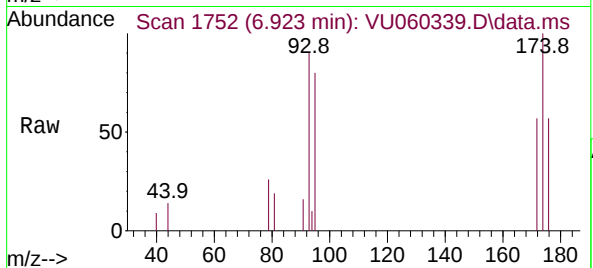
Tgt Ion: 93 Resp: 2454

Ion Ratio Lower Upper

93 100

95 90.7 66.4 99.6

174 108.2 75.2 112.8



#44

Bromodichloromethane

Concen: 0.594 ug/l

RT: 7.100 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VU060339.D

Acq: 07 Aug 2024 16:25

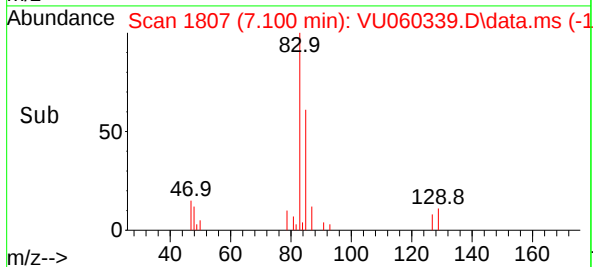
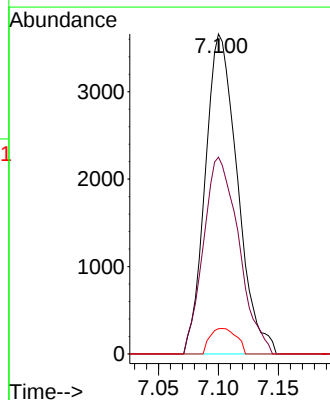
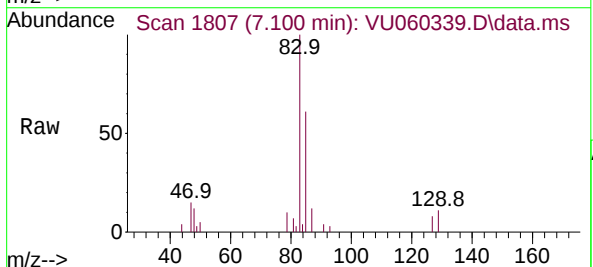
Tgt Ion: 83 Resp: 6835

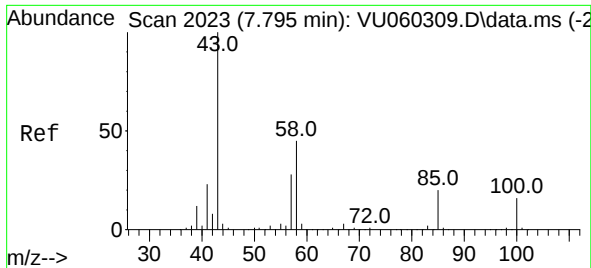
Ion Ratio Lower Upper

83 100

85 61.5 51.3 76.9

127 7.9 6.8 10.2

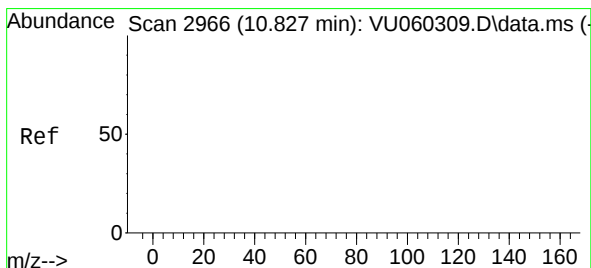
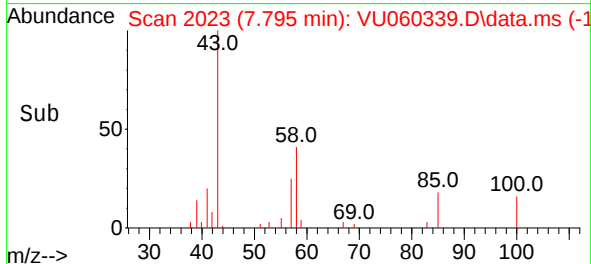
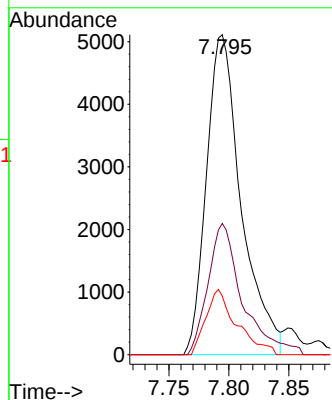
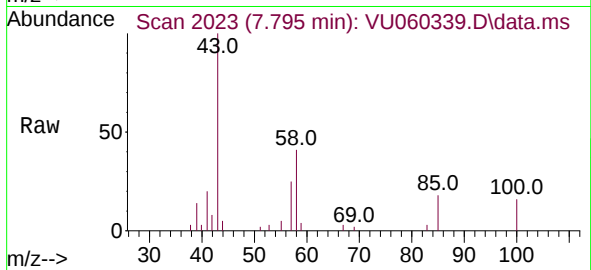




#45
4-Methyl-2-Pentanone
Concen: 2.291 ug/l
RT: 7.795 min Scan# 2023
Delta R.T. -0.000 min
Lab File: VU060339.D
Acq: 07 Aug 2024 16:25

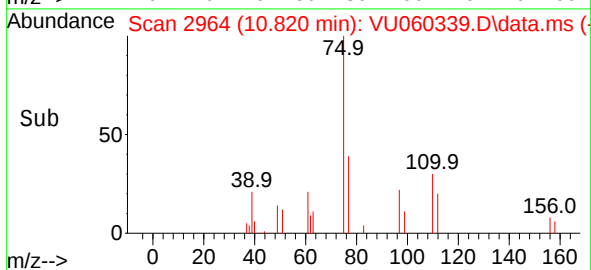
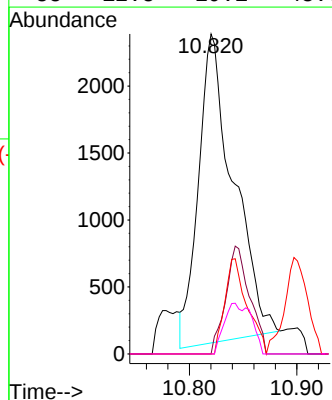
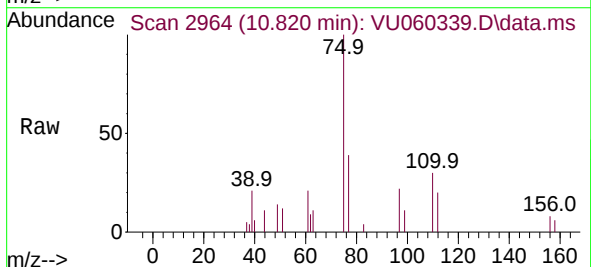
Instrument :
MSVOA_U
ClientSampleId :

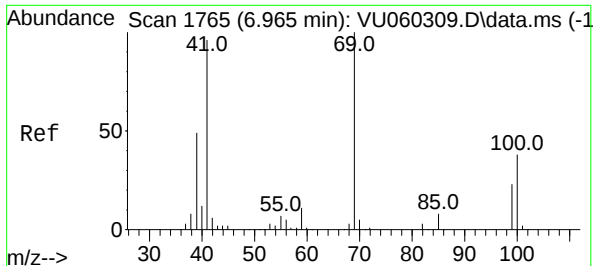
Tgt Ion:	43	Resp:	10314
Ion	Ratio	Lower	Upper
43	100		
58	40.5	22.3	66.9
85	18.2	16.0	24.0



#46
t-1,4-Dichloro-2-butene
Concen: 2.062 ug/l
RT: 10.820 min Scan# 2964
Delta R.T. -0.007 min
Lab File: VU060339.D
Acq: 07 Aug 2024 16:25

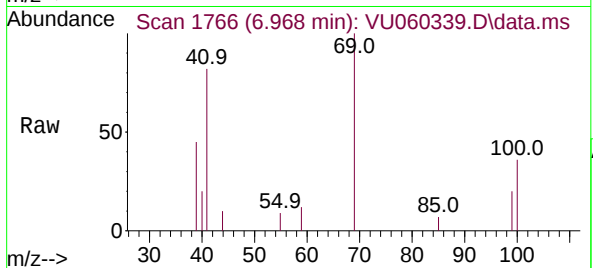
Tgt Ion:	75	Resp:	5201
Ion	Ratio	Lower	Upper
75	100		
53	23.9	57.2	85.8#
89	19.7	40.4	60.6#
88	12.8	29.1	43.7#



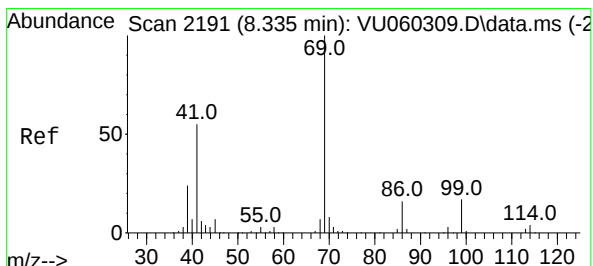
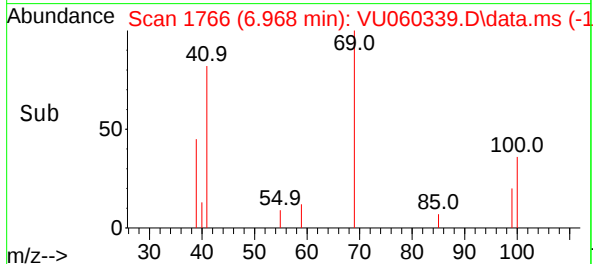
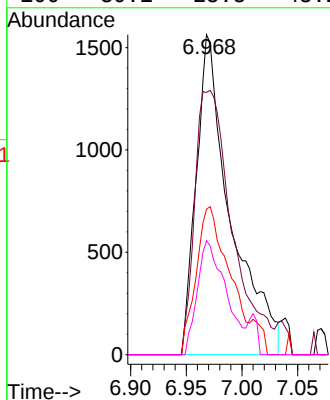


#47
Methyl methacrylate
Concen: 0.861 ug/l
RT: 6.968 min Scan# 1766
Delta R.T. 0.003 min
Lab File: VU060339.D
Acq: 07 Aug 2024 16:25

Instrument :
MSVOA_U
ClientSampleId :

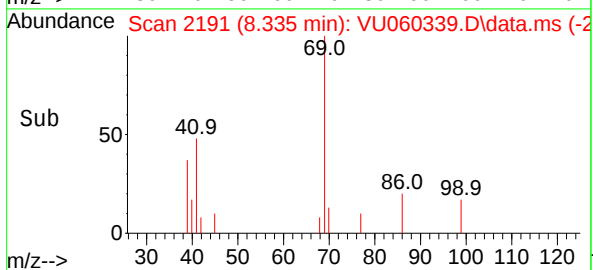
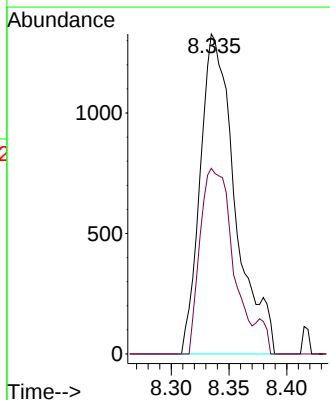
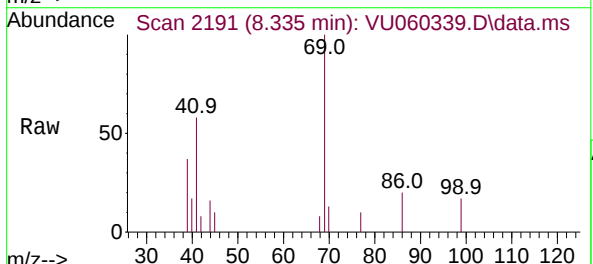


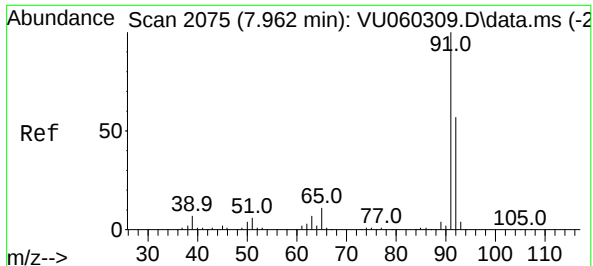
Tgt Ion:	69	Resp:	3350
Ion Ratio	100	Lower	Upper
69	100		
41	90.7	0.0	194.0
39	44.7	38.0	57.0
100	30.1	28.8	43.2



#48
Ethyl methacrylate
Concen: 0.423 ug/l
RT: 8.335 min Scan# 2191
Delta R.T. -0.000 min
Lab File: VU060339.D
Acq: 07 Aug 2024 16:25

Tgt Ion:	69	Resp:	2791
Ion Ratio	100	Lower	Upper
69	100		
41	53.8	27.5	82.5





#49

Toluene

Concen: 0.493 ug/l

RT: 7.965 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU060339.D

Acq: 07 Aug 2024 16:25

Instrument :

MSVOA_U

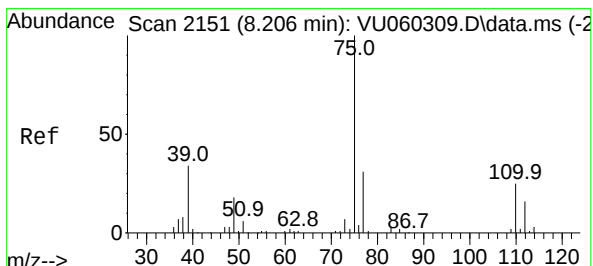
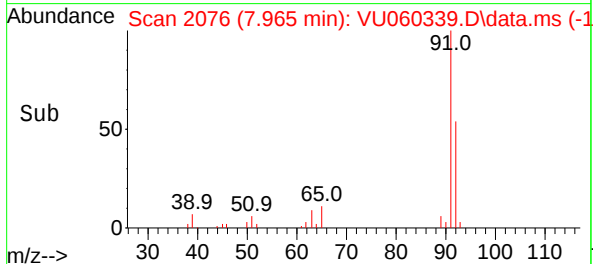
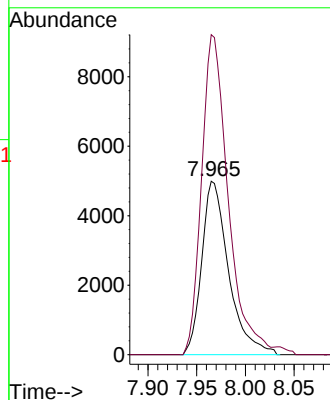
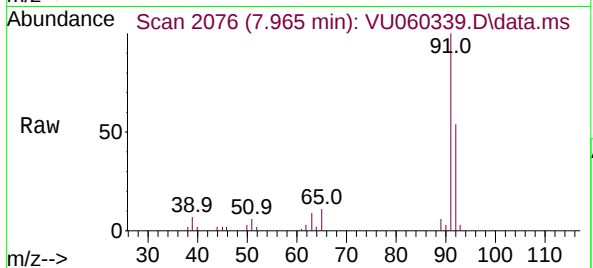
ClientSampleId :

Tgt Ion: 92 Resp: 9579

Ion Ratio Lower Upper

92 100

91 182.4 141.0 211.4



#50

t-1,3-Dichloropropene

Concen: 0.524 ug/l

RT: 8.209 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU060339.D

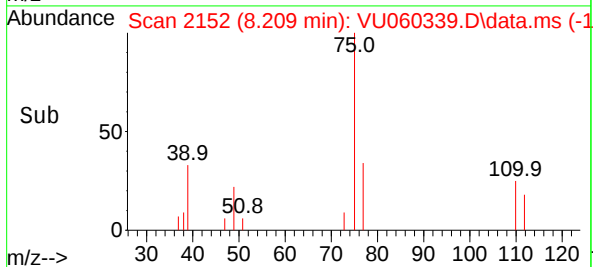
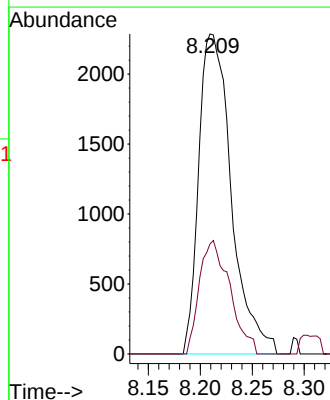
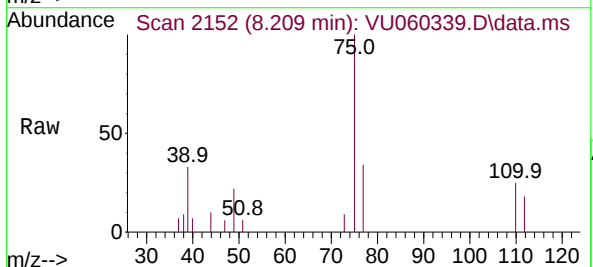
Acq: 07 Aug 2024 16:25

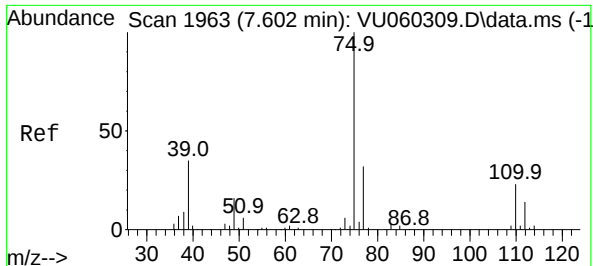
Tgt Ion: 75 Resp: 4982

Ion Ratio Lower Upper

75 100

77 34.3 24.6 37.0

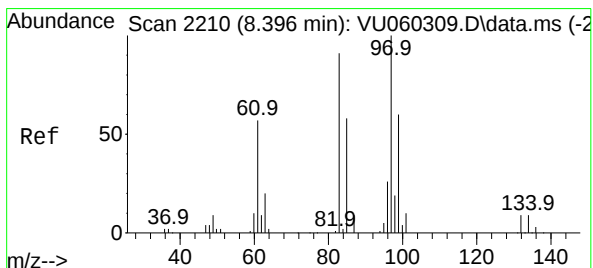
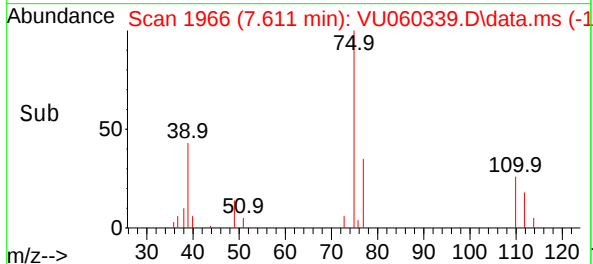
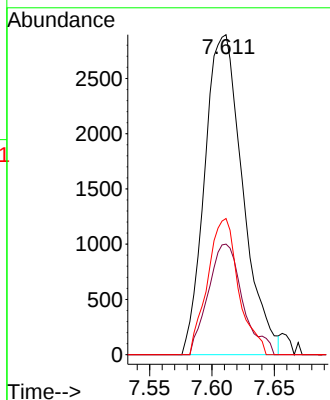
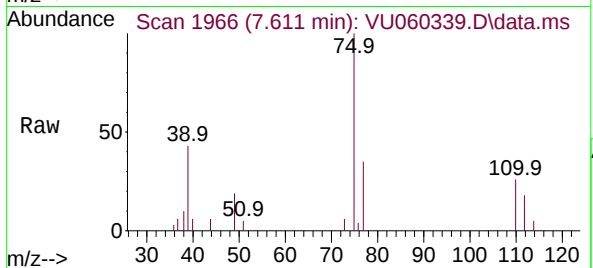




#51
cis-1,3-Dichloropropene
Concen: 0.537 ug/l
RT: 7.611 min Scan# 1966
Delta R.T. 0.009 min
Lab File: VU060339.D
Acq: 07 Aug 2024 16:25

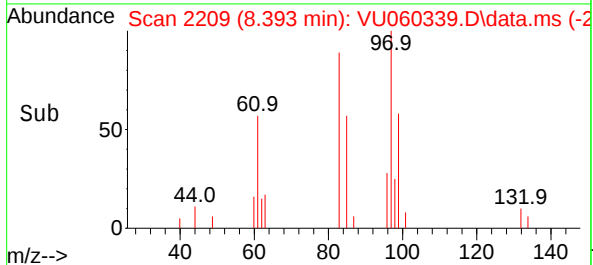
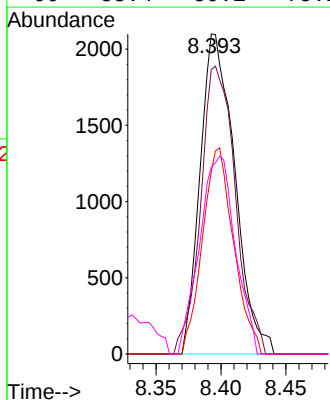
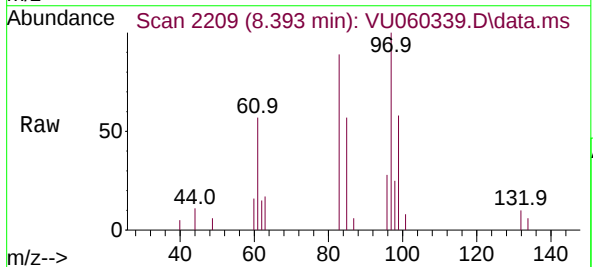
Instrument :
MSVOA_U
ClientSampleId :

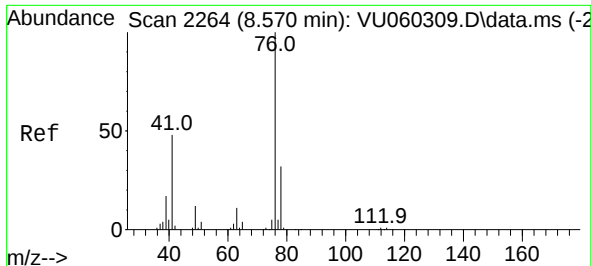
Tgt Ion: 75 Resp: 6138
Ion Ratio Lower Upper
75 100
77 34.5 25.4 38.0
39 42.5 28.0 42.0#



#52
1,1,2-Trichloroethane
Concen: 0.552 ug/l
RT: 8.393 min Scan# 2209
Delta R.T. -0.003 min
Lab File: VU060339.D
Acq: 07 Aug 2024 16:25

Tgt Ion: 97 Resp: 3885
Ion Ratio Lower Upper
97 100
83 88.9 73.0 109.4
85 57.0 46.2 69.4
99 58.4 50.1 75.1

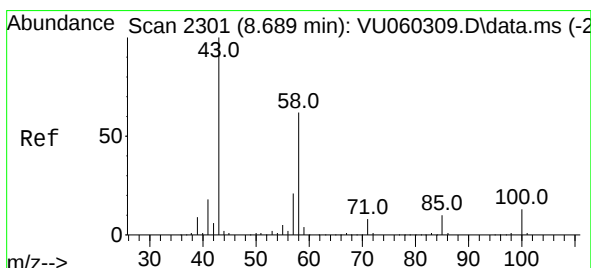
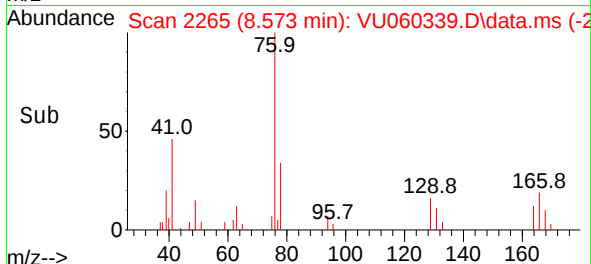
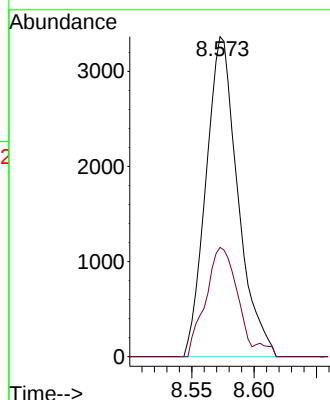
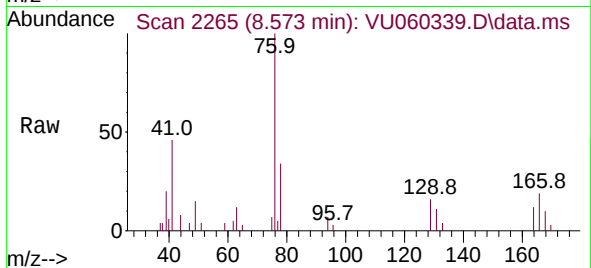




#53
1,3-Dichloropropane
Concen: 0.532 ug/l
RT: 8.573 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060339.D
Acq: 07 Aug 2024 16:25

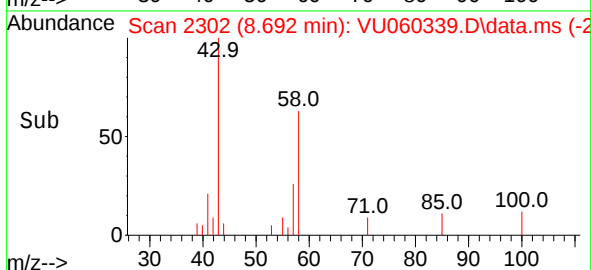
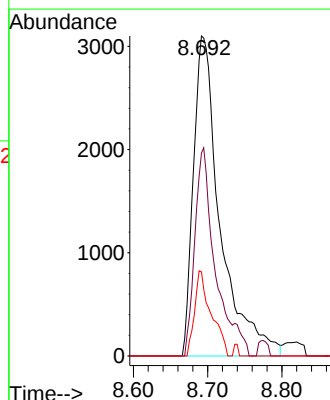
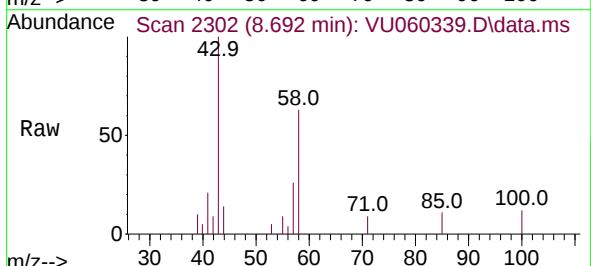
Instrument :
MSVOA_U
ClientSampleId :

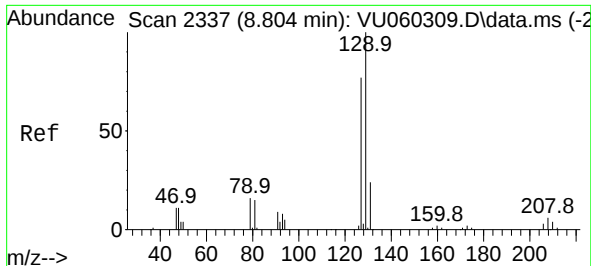
Tgt Ion: 76 Resp: 5975
Ion Ratio Lower Upper
76 100
78 33.7 26.2 39.2



#54
2-Hexanone
Concen: 2.226 ug/l
RT: 8.692 min Scan# 2302
Delta R.T. 0.003 min
Lab File: VU060339.D
Acq: 07 Aug 2024 16:25

Tgt Ion: 43 Resp: 7767
Ion Ratio Lower Upper
43 100
58 49.7 40.1 80.1
57 16.5 0.3 40.3





#55

Dibromochloromethane

Concen: 0.560 ug/l

RT: 8.804 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VU060339.D

Acq: 07 Aug 2024 16:25

Instrument :

MSVOA_U

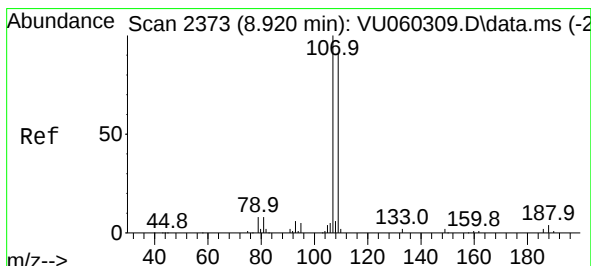
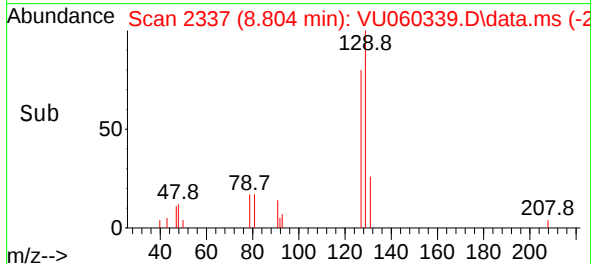
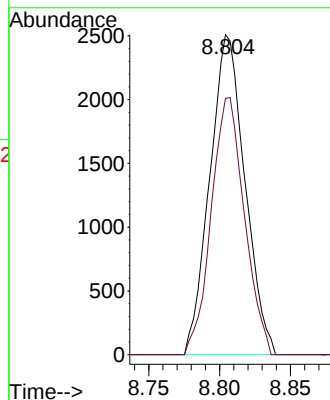
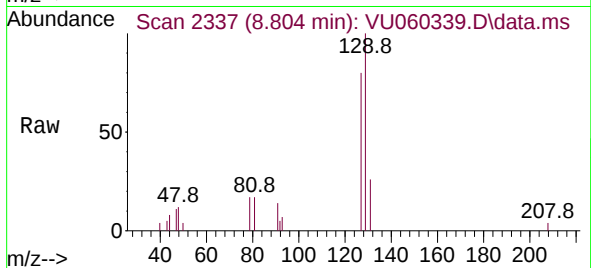
ClientSampleId :

Tgt Ion:129 Resp: 4320

Ion Ratio Lower Upper

129 100

127 76.0 61.6 92.4



#56

1,2-Dibromoethane

Concen: 0.558 ug/l

RT: 8.923 min Scan# 2374

Delta R.T. 0.003 min

Lab File: VU060339.D

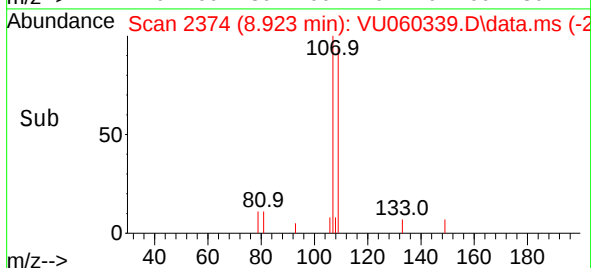
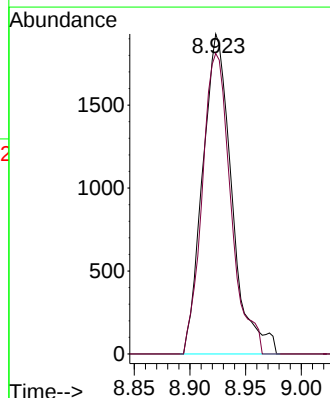
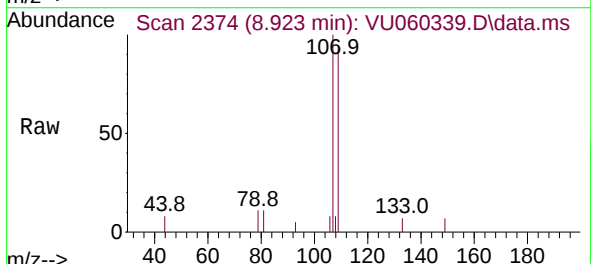
Acq: 07 Aug 2024 16:25

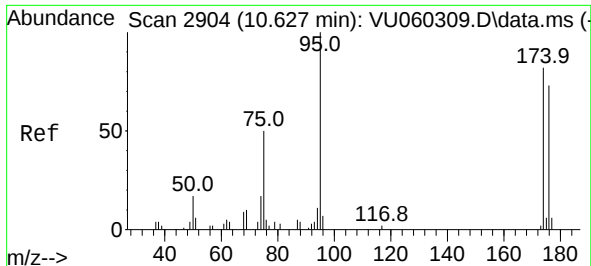
Tgt Ion:107 Resp: 3524

Ion Ratio Lower Upper

107 100

109 91.6 0.0 184.0





#57

4-Bromofluorobenzene

Concen: 1.003 ug/l

RT: 10.630 min Scan# 2905

Delta R.T. 0.003 min

Lab File: VU060339.D

Acq: 07 Aug 2024 16:25

Instrument :

MSVOA_U

ClientSampleId :

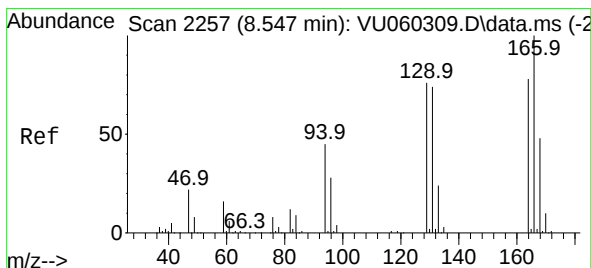
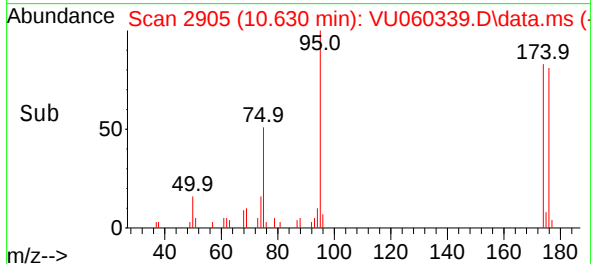
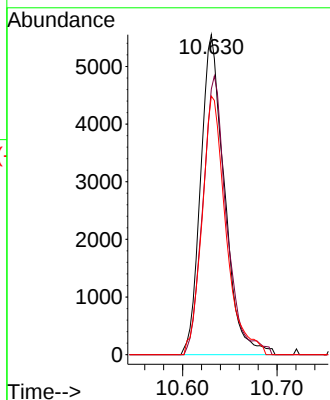
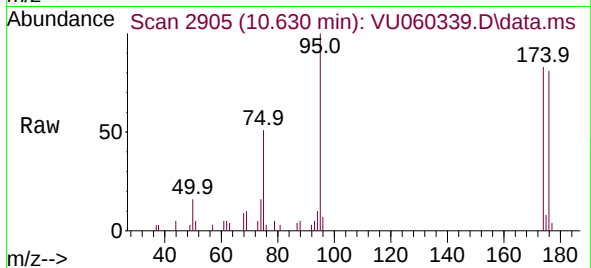
Tgt Ion: 95 Resp: 9689

Ion Ratio Lower Upper

95 100

174 87.2 65.6 98.4

176 81.2 60.4 90.6



#58

Tetrachloroethene

Concen: 0.573 ug/l

RT: 8.550 min Scan# 2258

Delta R.T. 0.003 min

Lab File: VU060339.D

Acq: 07 Aug 2024 16:25

Tgt Ion: 164 Resp: 4441

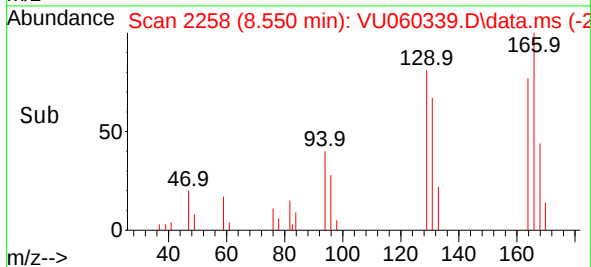
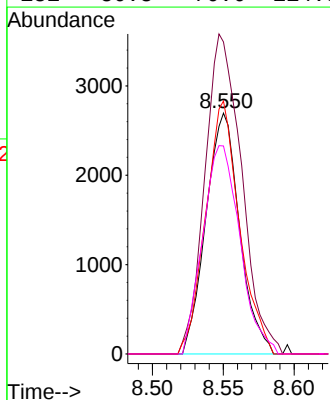
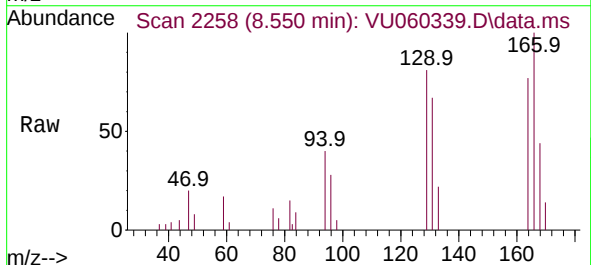
Ion Ratio Lower Upper

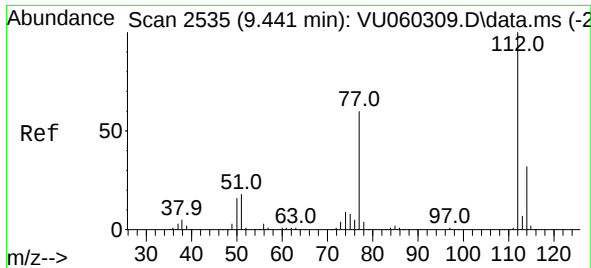
164 100

166 129.6 102.9 154.3

129 105.0 78.0 117.0

131 86.3 76.6 114.8

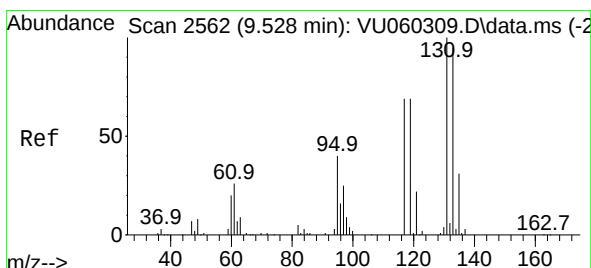
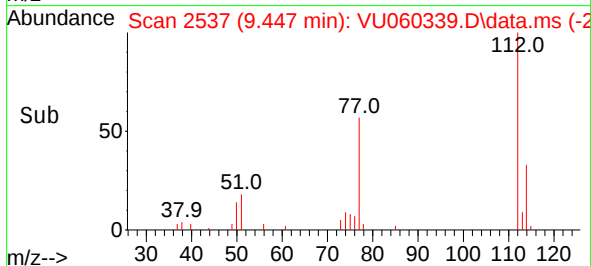
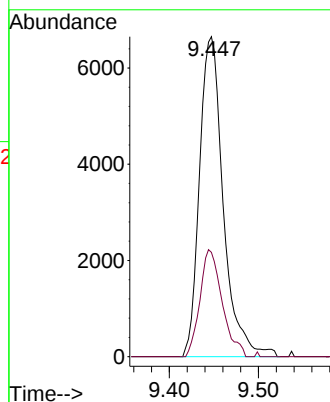
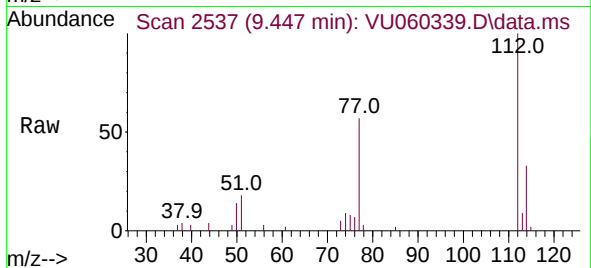




#59
Chlorobenzene
Concen: 0.586 ug/l
RT: 9.447 min Scan# 2537
Delta R.T. 0.006 min
Lab File: VU060339.D
Acq: 07 Aug 2024 16:25

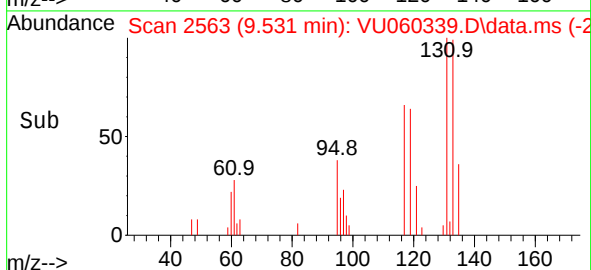
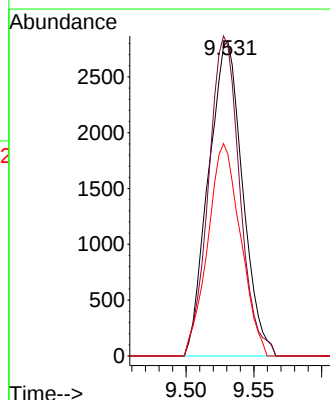
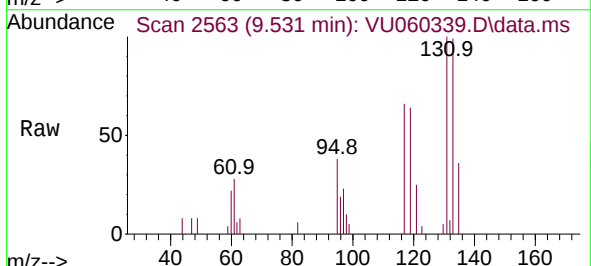
Instrument :
MSVOA_U
ClientSampleId :

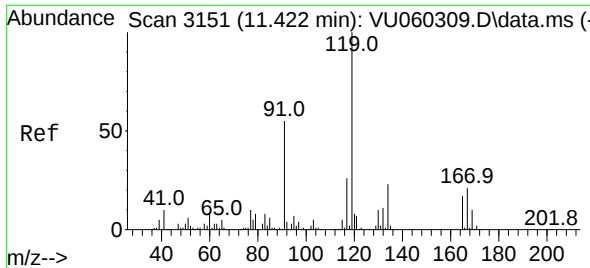
Tgt Ion:112 Resp: 12327
Ion Ratio Lower Upper
112 100
114 32.6 25.3 37.9



#60
1,1,1,2-Tetrachloroethane
Concen: 0.594 ug/l
RT: 9.531 min Scan# 2563
Delta R.T. 0.003 min
Lab File: VU060339.D
Acq: 07 Aug 2024 16:25

Tgt Ion:131 Resp: 4922
Ion Ratio Lower Upper
131 100
133 93.0 77.2 115.8
119 65.0 55.4 83.2

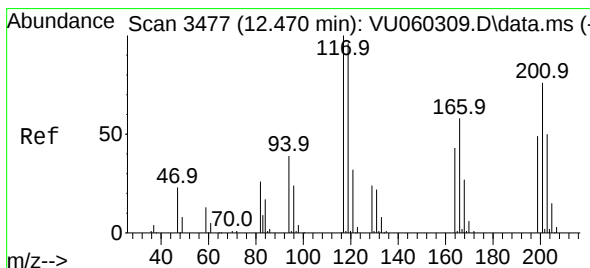
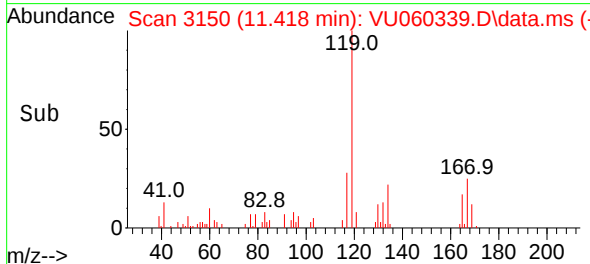
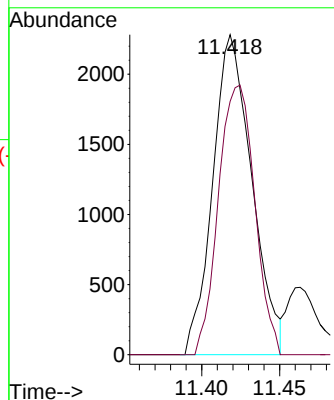
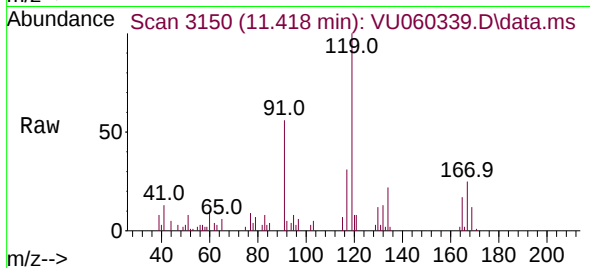




#61
Pentachloroethane
Concen: 0.562 ug/l
RT: 11.418 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU060339.D
Acq: 07 Aug 2024 16:25

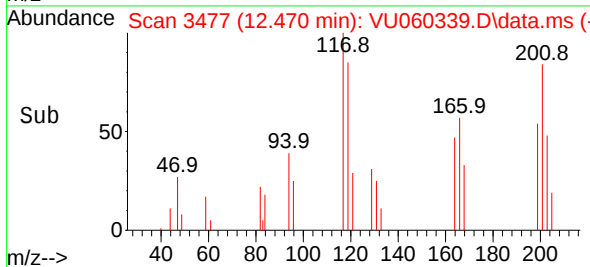
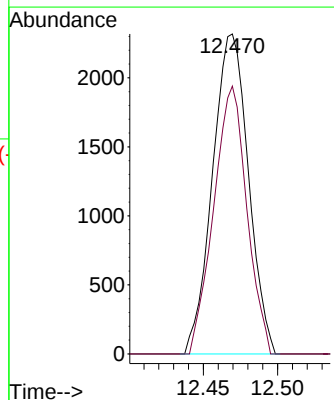
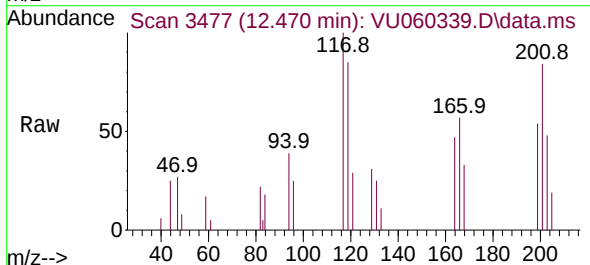
Instrument :
MSVOA_U
ClientSampleId :

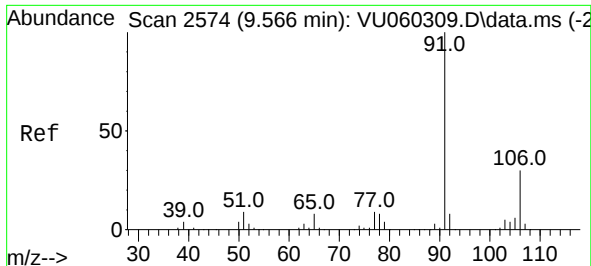
Tgt Ion:117 Resp: 3978
Ion Ratio Lower Upper
117 100
167 78.1 62.2 93.4



#62
Hexachloroethane
Concen: 0.570 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. -0.000 min
Lab File: VU060339.D
Acq: 07 Aug 2024 16:25

Tgt Ion:117 Resp: 3897
Ion Ratio Lower Upper
117 100
201 77.2 62.7 94.1





#63

Ethyl Benzene

Concen: 0.880 ug/l

RT: 9.566 min Scan# 2574

Delta R.T. 0.000 min

Lab File: VU060339.D

Acq: 07 Aug 2024 16:25

Instrument :

MSVOA_U

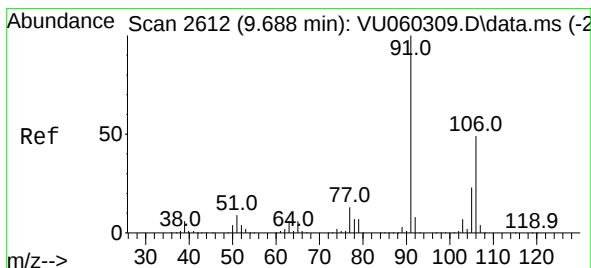
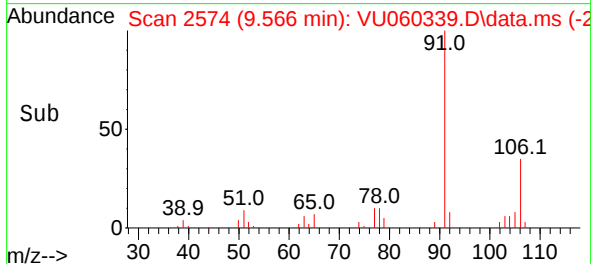
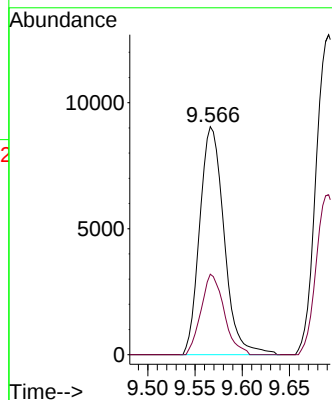
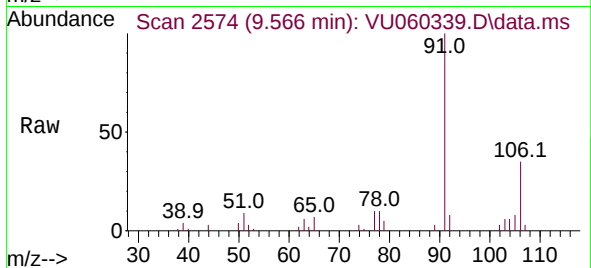
ClientSampleId :

Tgt Ion: 91 Resp: 16260

Ion Ratio Lower Upper

91 100

106 35.3 24.4 36.6



#64

m/p-Xylenes

Concen: 1.595 ug/l

RT: 9.692 min Scan# 2613

Delta R.T. 0.004 min

Lab File: VU060339.D

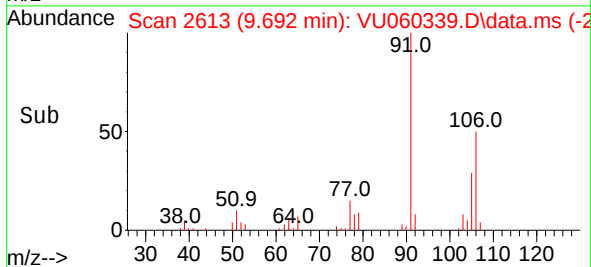
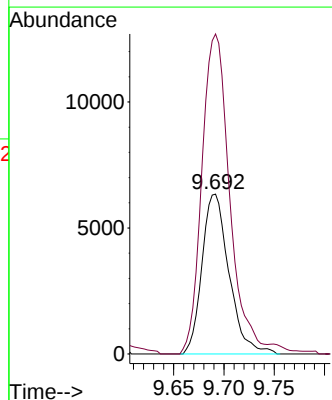
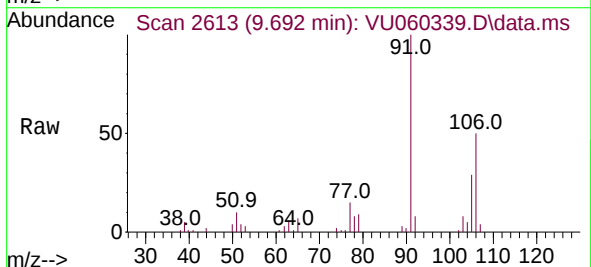
Acq: 07 Aug 2024 16:25

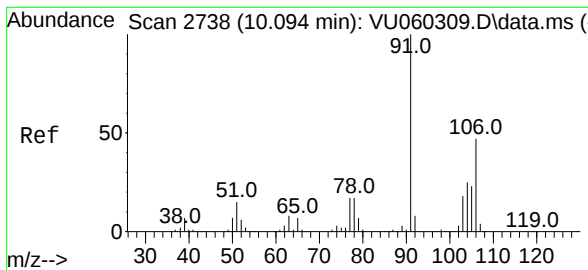
Tgt Ion:106 Resp: 11872

Ion Ratio Lower Upper

106 100

91 204.9 165.0 247.4

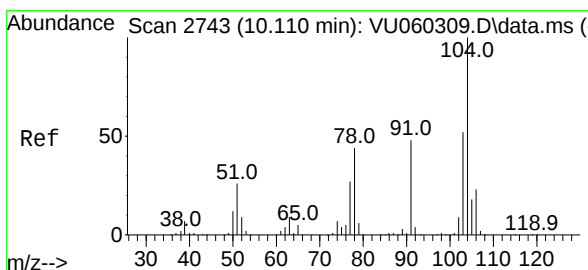
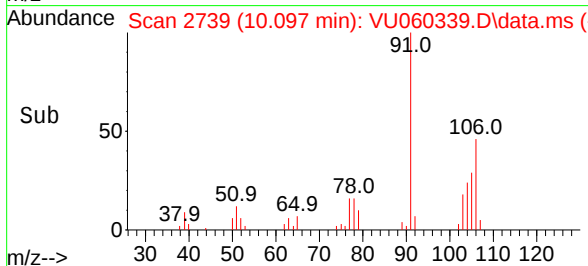
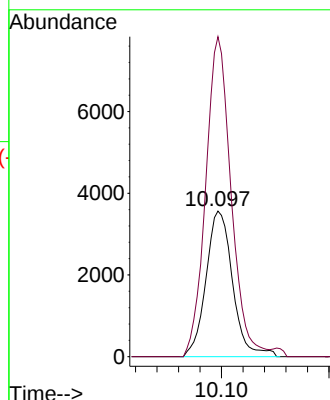
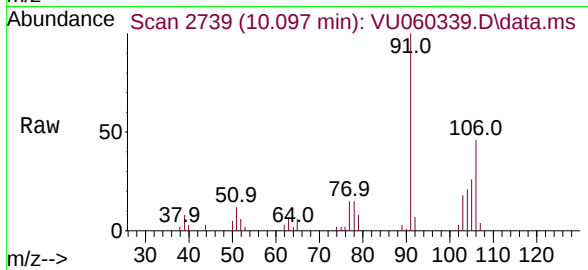




#65
o-Xylene
Concen: 0.824 ug/l
RT: 10.097 min Scan# 2738
Delta R.T. 0.003 min
Lab File: VU060339.D
Acq: 07 Aug 2024 16:25

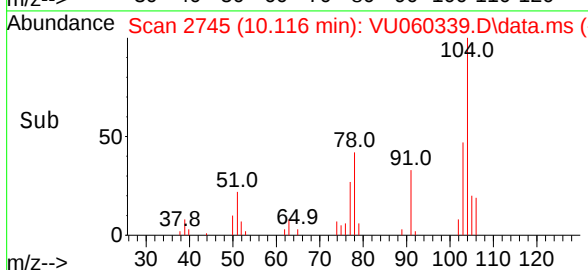
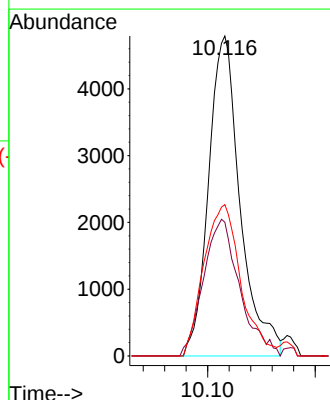
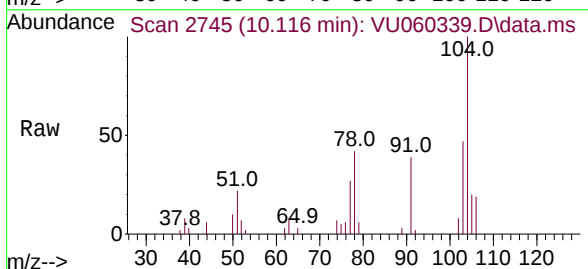
Instrument :
MSVOA_U
ClientSampleId :

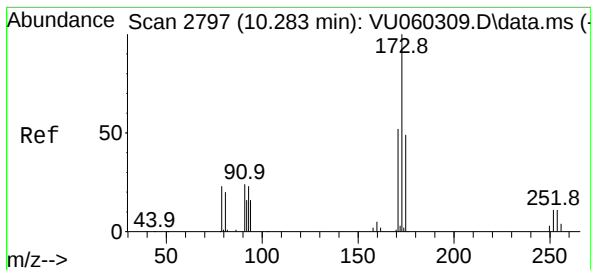
Tgt Ion:106 Resp: 6120
Ion Ratio Lower Upper
106 100
91 209.9 108.8 326.4



#66
Styrene
Concen: 0.825 ug/l
RT: 10.116 min Scan# 2745
Delta R.T. 0.006 min
Lab File: VU060339.D
Acq: 07 Aug 2024 16:25

Tgt Ion:104 Resp: 9797
Ion Ratio Lower Upper
104 100
78 48.8 39.0 58.6
103 55.2 45.0 67.6





#67

Bromoform

Concen: 0.544 ug/l

RT: 10.286 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU060339.D

Acq: 07 Aug 2024 16:25

Instrument :

MSVOA_U

ClientSampleId :

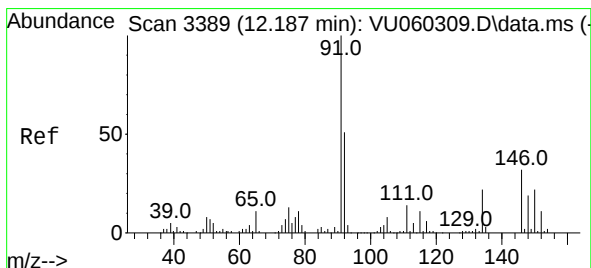
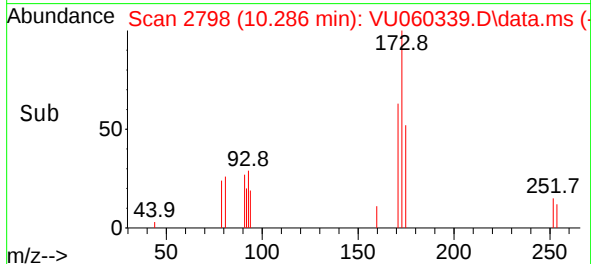
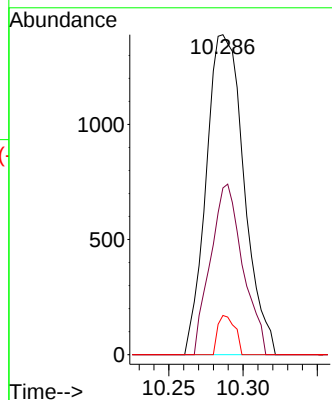
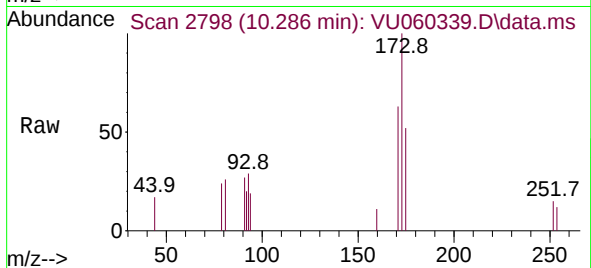
Tgt Ion:173 Resp: 2458

Ion Ratio Lower Upper

173 100

175 45.5 39.7 59.5

254 5.5 8.2 12.4#



#68

1,2-Dichlorobenzene-d4

Concen: 1.091 ug/l

RT: 12.190 min Scan# 3390

Delta R.T. 0.003 min

Lab File: VU060339.D

Acq: 07 Aug 2024 16:25

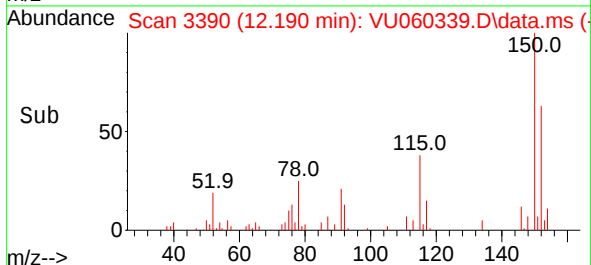
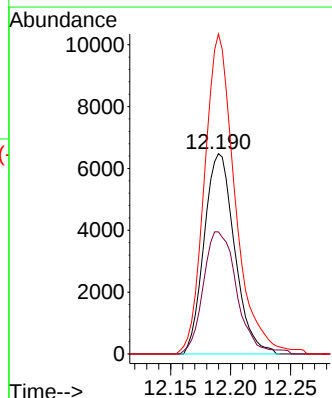
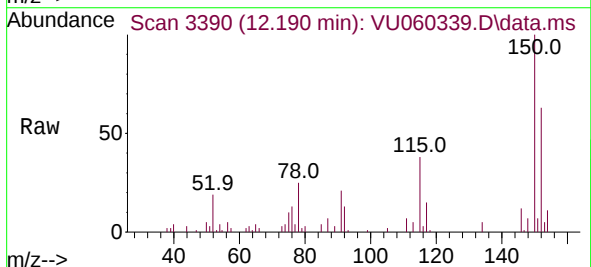
Tgt Ion:152 Resp: 11447

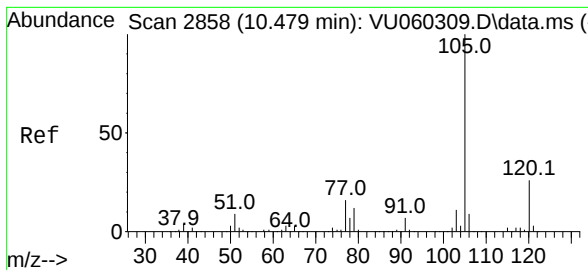
Ion Ratio Lower Upper

152 100

115 67.0 0.0 325.2

150 160.8 0.0 684.2





#69

Isopropylbenzene

Concen: 0.852 ug/l

RT: 10.479 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU060339.D

Acq: 07 Aug 2024 16:25

Instrument :

MSVOA_U

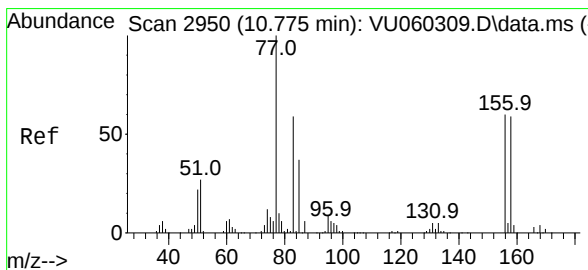
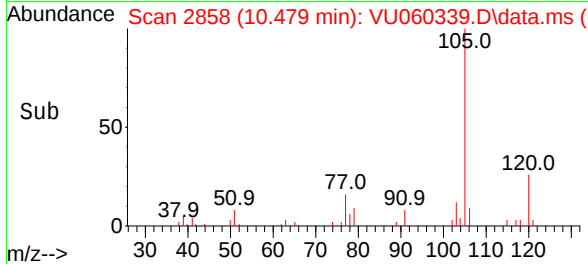
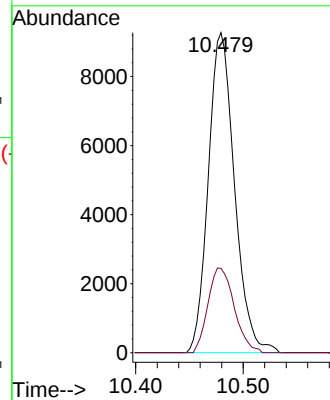
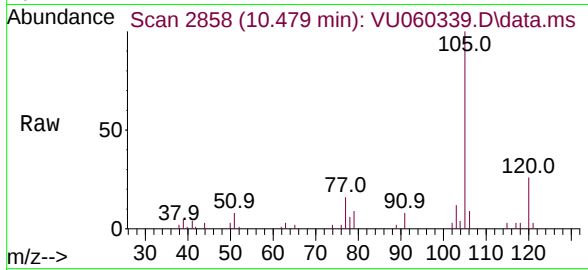
ClientSampleId :

Tgt Ion:105 Resp: 15701

Ion Ratio Lower Upper

105 100

120 26.5 13.0 39.0



#70

1,1,2,2-Tetrachloroethane

Concen: 0.537 ug/l

RT: 10.778 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VU060339.D

Acq: 07 Aug 2024 16:25

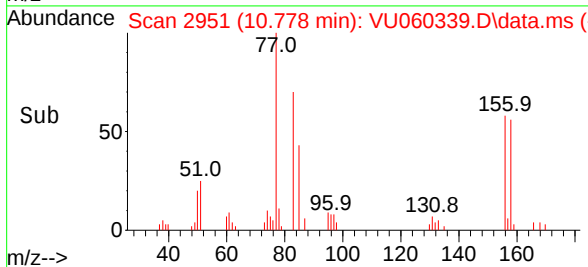
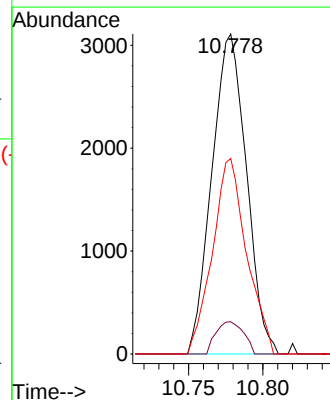
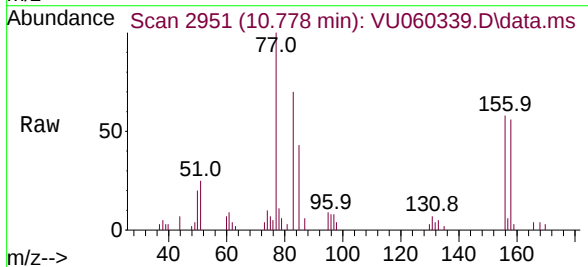
Tgt Ion: 83 Resp: 5026

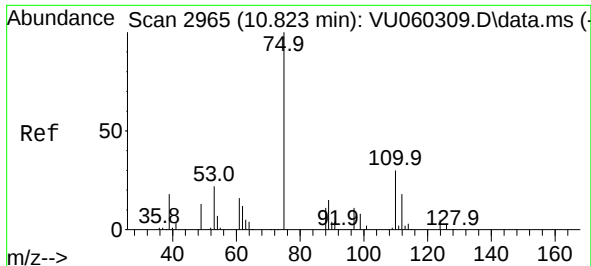
Ion Ratio Lower Upper

83 100

131 8.0 7.1 10.7

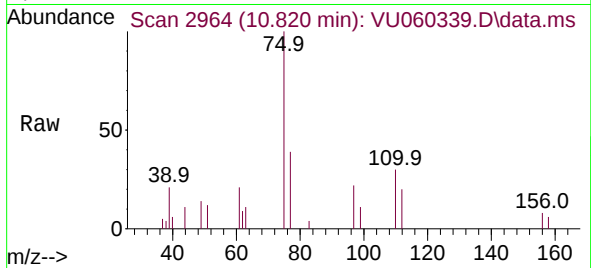
85 60.4 50.9 76.3



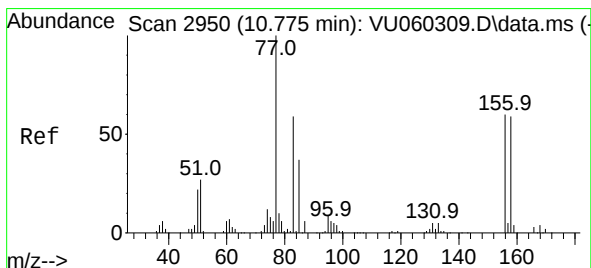
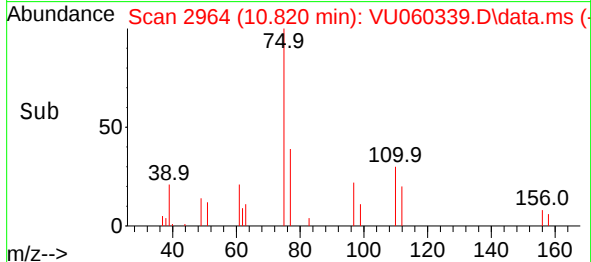
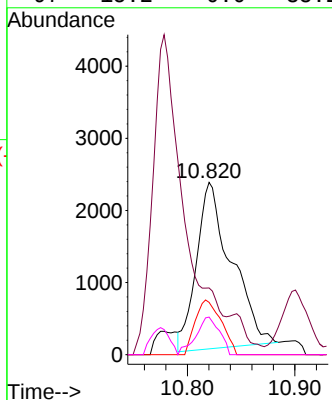


#71
1,2,3-Trichloropropane
Concen: 0.750 ug/l
RT: 10.820 min Scan# 2964
Delta R.T. -0.003 min
Lab File: VU060339.D
Acq: 07 Aug 2024 16:25

Instrument :
MSVOA_U
ClientSampleId :

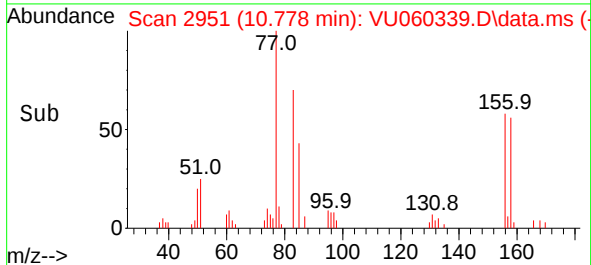
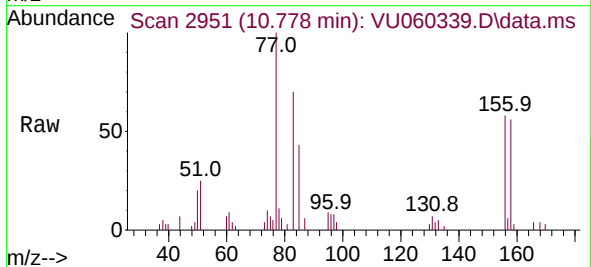
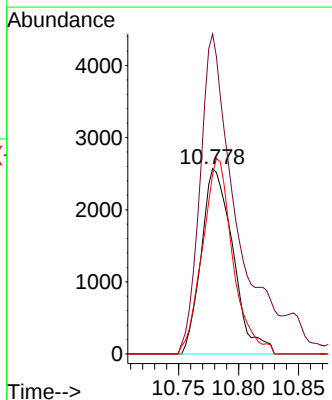


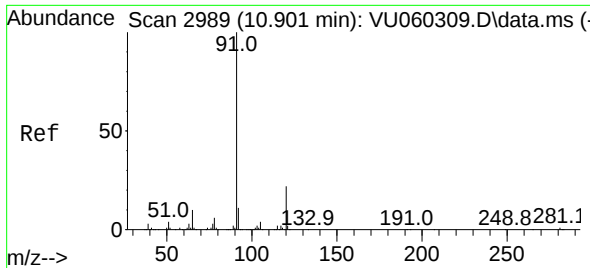
Tgt Ion: 75	Resp: 5201
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 102.2
110 24.5	0.0 67.4
97 15.2	0.0 38.2



#72
Bromobenzene
Concen: 0.548 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU060339.D
Acq: 07 Aug 2024 16:25

Tgt	Ion:156	Resp:	4730
Ion	Ratio	Lower	Upper
156	100		
77	192.9	0.0	327.2
158	101.0	0.0	193.8

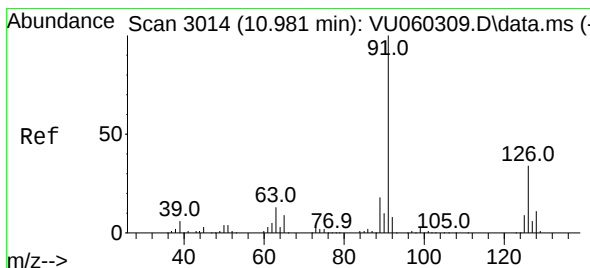
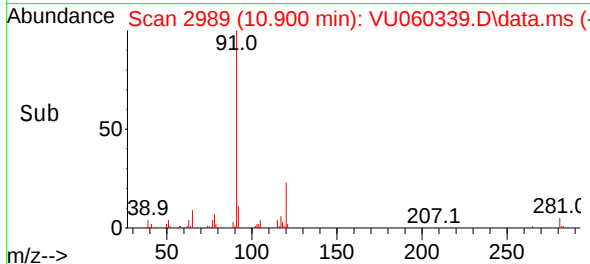
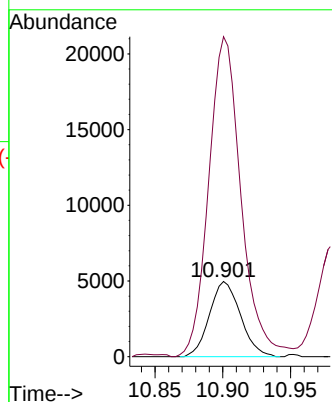
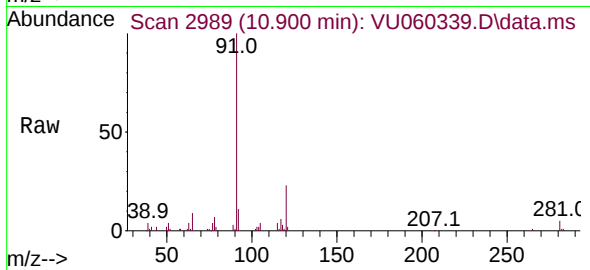




#73
n-propylbenzene
Concen: 1.148 ug/l
RT: 10.900 min Scan# 2989
Delta R.T. -0.001 min
Lab File: VU060339.D
Acq: 07 Aug 2024 16:25

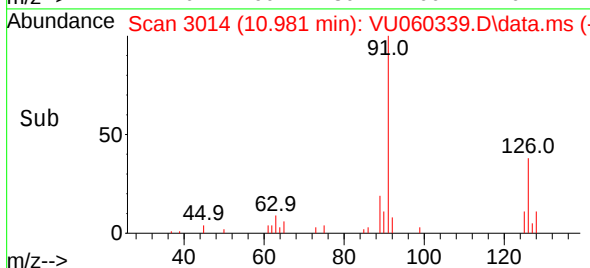
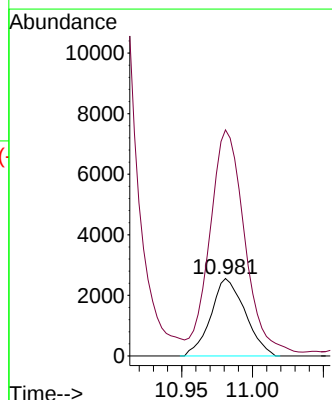
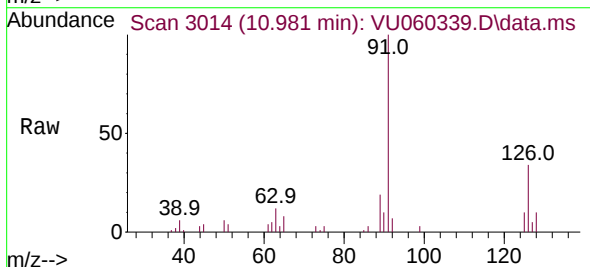
Instrument :
MSVOA_U
ClientSampleId :

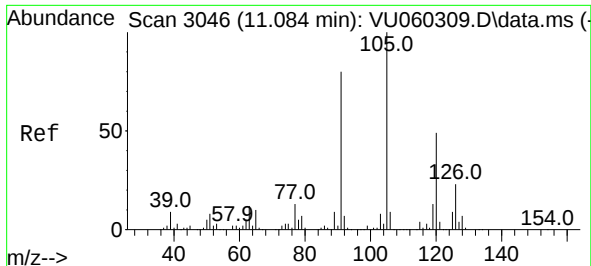
Tgt Ion:120 Resp: 7899
Ion Ratio Lower Upper
120 100
91 443.9 362.2 543.2



#74
2-Chlorotoluene
Concen: 0.730 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. -0.000 min
Lab File: VU060339.D
Acq: 07 Aug 2024 16:25

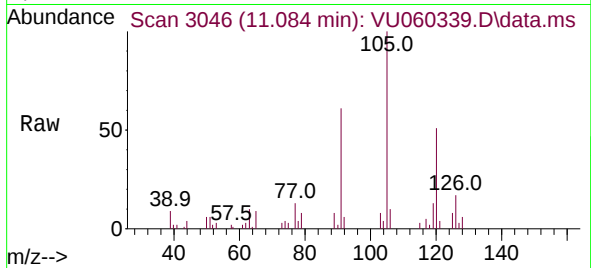
Tgt Ion:126 Resp: 4306
Ion Ratio Lower Upper
126 100
91 292.8 0.0 585.6



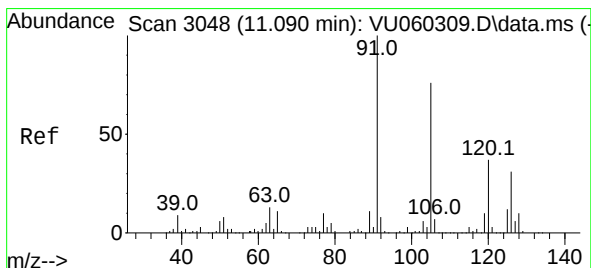
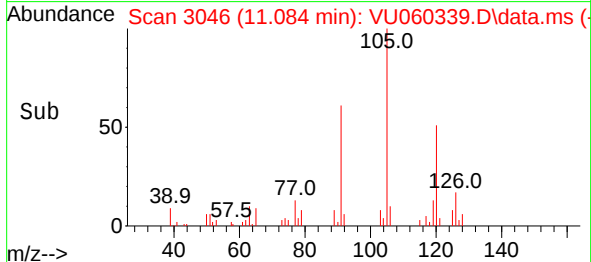
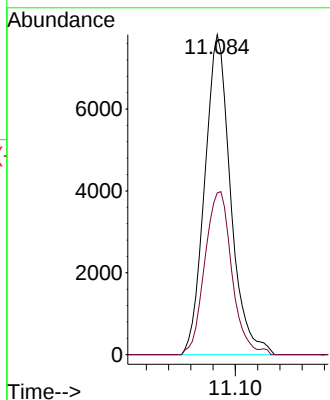


#75
1,3,5-Trimethylbenzene
Concen: 0.797 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU060339.D
Acq: 07 Aug 2024 16:25

Instrument :
MSVOA_U
ClientSampleId :

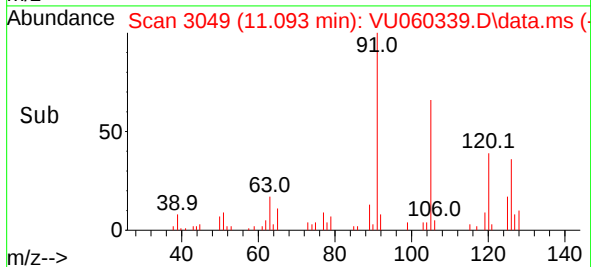
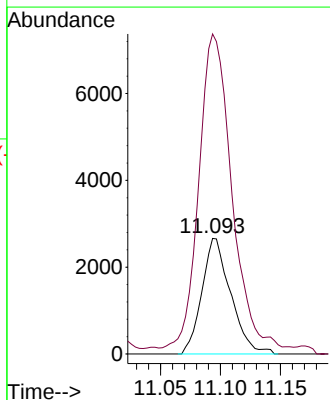
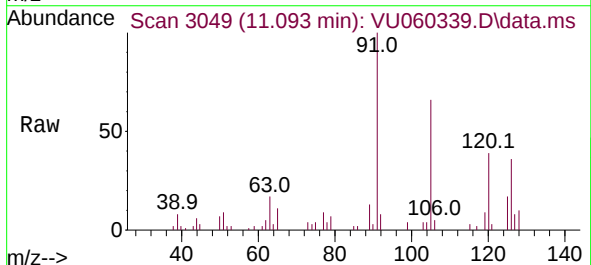


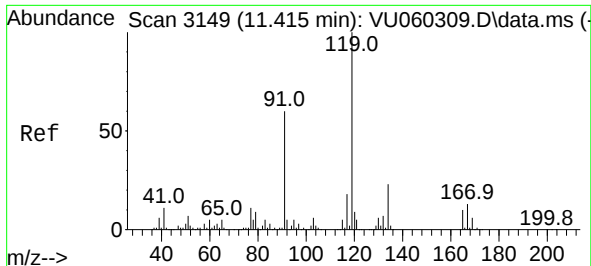
Tgt Ion:105 Resp: 12611
Ion Ratio Lower Upper
105 100
120 53.4 38.6 57.8



#76
4-Chlorotoluene
Concen: 0.744 ug/l
RT: 11.093 min Scan# 3049
Delta R.T. 0.003 min
Lab File: VU060339.D
Acq: 07 Aug 2024 16:25

Tgt Ion:126 Resp: 4446
Ion Ratio Lower Upper
126 100
91 309.5 0.0 669.4

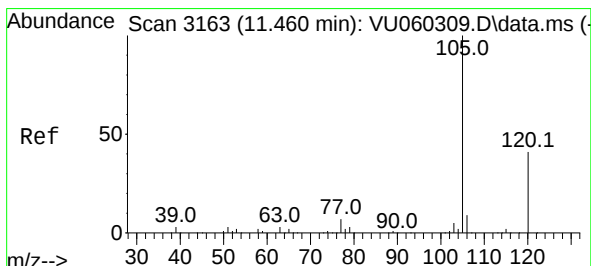
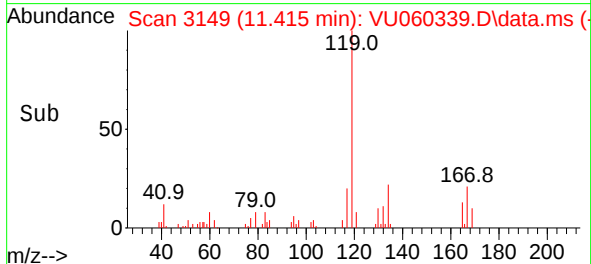
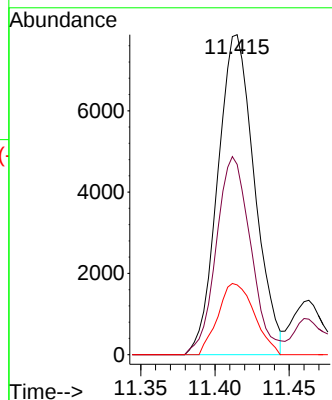
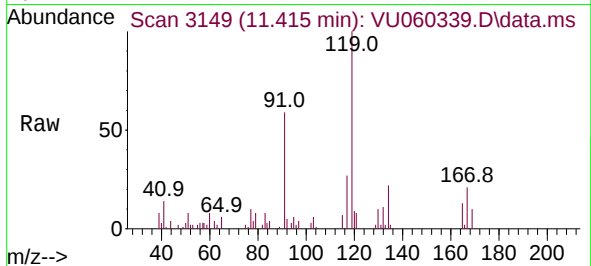




#77
tert-Butylbenzene
Concen: 0.833 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU060339.D
Acq: 07 Aug 2024 16:25

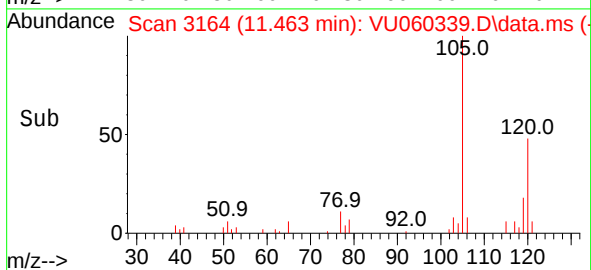
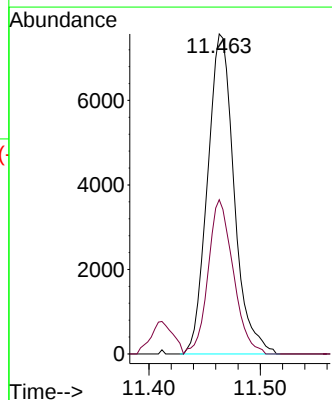
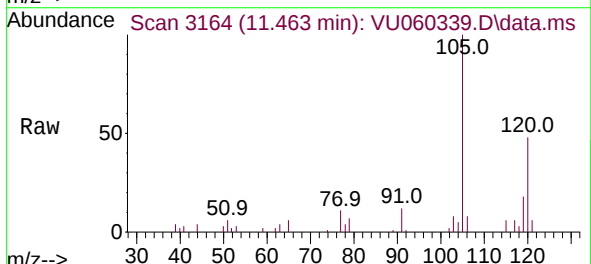
Instrument :
MSVOA_U
ClientSampleId :

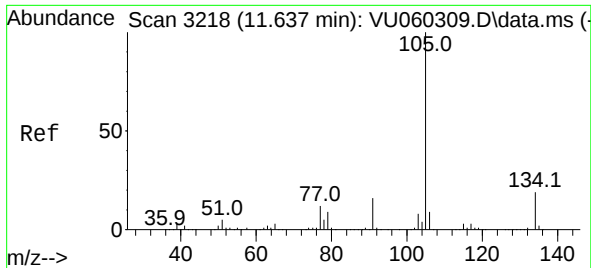
Tgt Ion:119 Resp: 13548
Ion Ratio Lower Upper
119 100
91 58.5 29.0 87.1
134 22.0 17.8 26.8



#78
1,2,4-Trimethylbenzene
Concen: 0.820 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VU060339.D
Acq: 07 Aug 2024 16:25

Tgt Ion:105 Resp: 12569
Ion Ratio Lower Upper
105 100
120 45.5 22.6 67.7

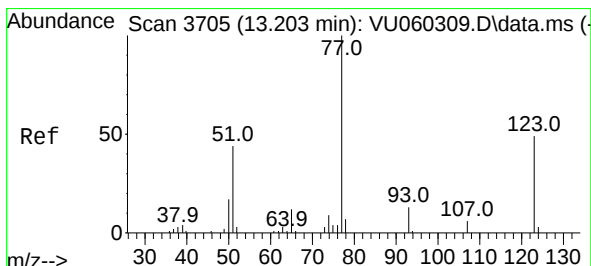
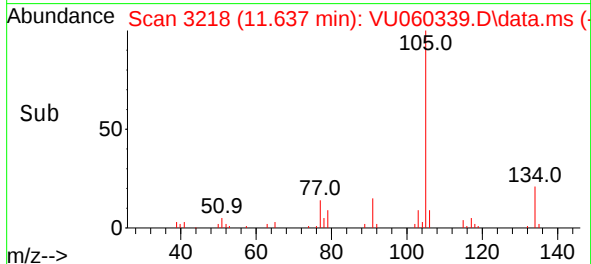
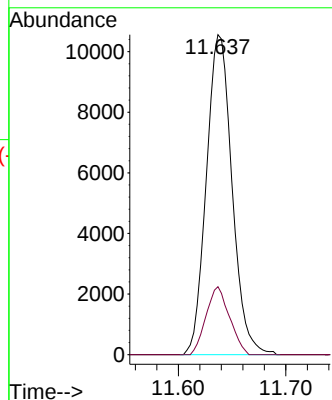
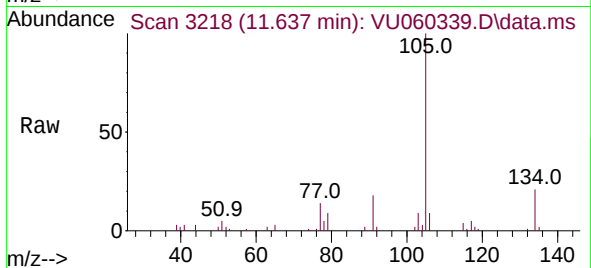




#79
 sec-Butylbenzene
 Concen: 0.817 ug/l
 RT: 11.637 min Scan# 3218
 Delta R.T. -0.000 min
 Lab File: VU060339.D
 Acq: 07 Aug 2024 16:25

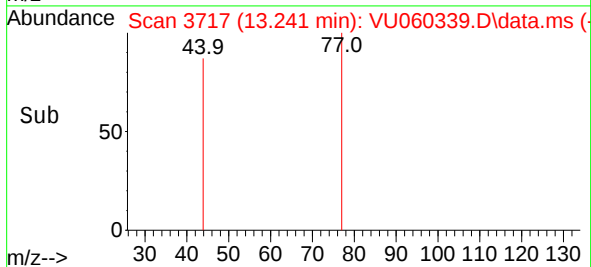
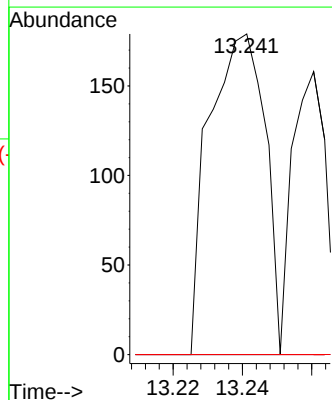
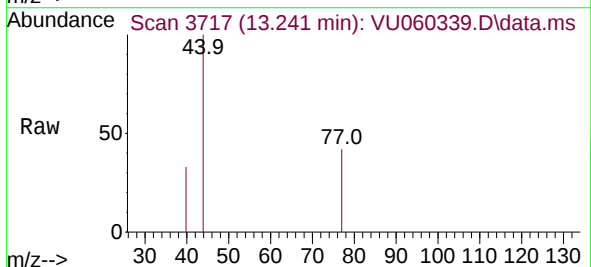
Instrument :
 MSVOA_U
 ClientSampleId :

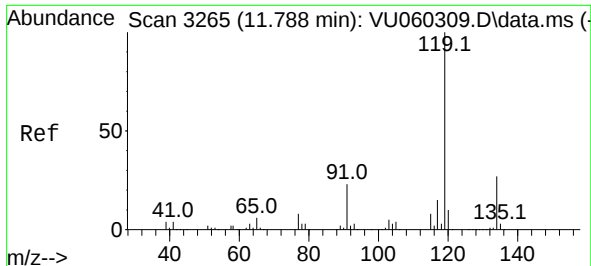
Tgt Ion:105 Resp: 17517
 Ion Ratio Lower Upper
 105 100
 134 19.3 15.5 23.3



#80
 Nitrobenzene
 Concen: 0.486 ug/l
 RT: 13.241 min Scan# 3717
 Delta R.T. 0.038 min
 Lab File: VU060339.D
 Acq: 07 Aug 2024 16:25

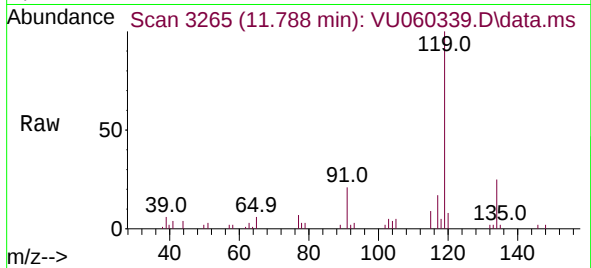
Tgt Ion: 77 Resp: 200
 Ion Ratio Lower Upper
 77 100
 123 0.0 19.6 69.6#
 65 0.0 9.0 11.4#



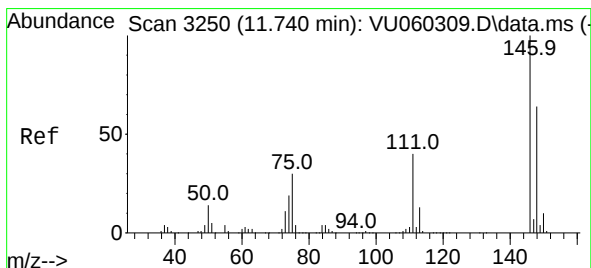
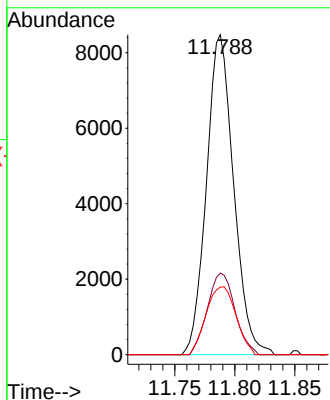
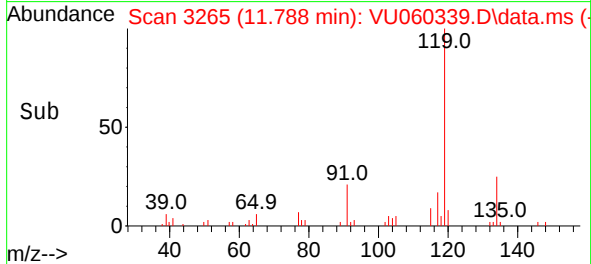


#81
 p-Isopropyltoluene
 Concen: 0.852 ug/l
 RT: 11.788 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU060339.D
 Acq: 07 Aug 2024 16:25

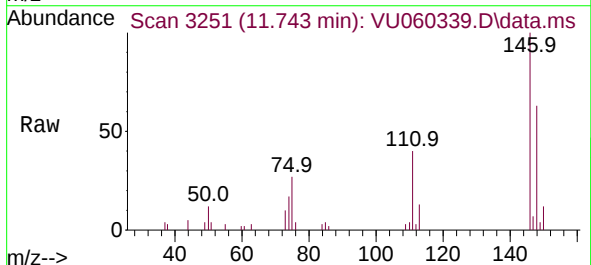
Instrument :
 MSVOA_U
 ClientSampleId :



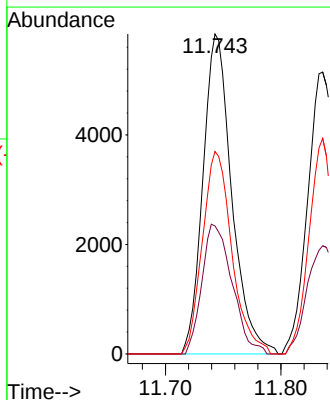
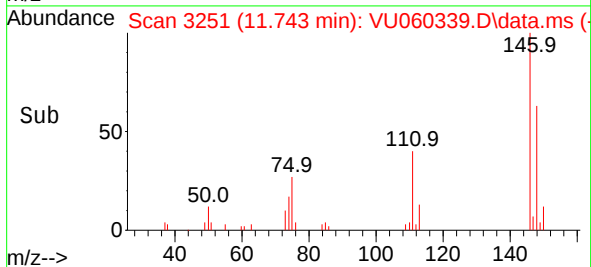
Tgt Ion:119 Resp: 13355
 Ion Ratio Lower Upper
 119 100
 134 25.9 21.2 31.8
 91 23.2 18.9 28.3

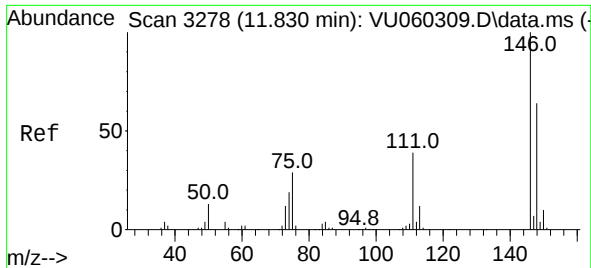


#82
 1,3-Dichlorobenzene
 Concen: 0.562 ug/l
 RT: 11.743 min Scan# 3251
 Delta R.T. 0.003 min
 Lab File: VU060339.D
 Acq: 07 Aug 2024 16:25



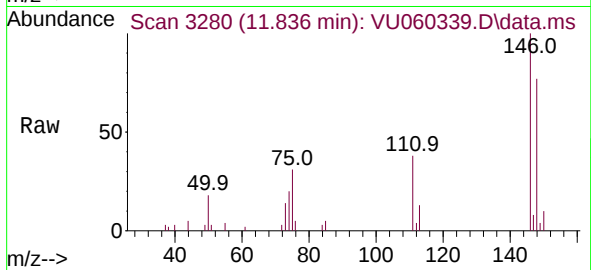
Tgt Ion:146 Resp: 10120
 Ion Ratio Lower Upper
 146 100
 111 42.5 32.0 48.0
 148 64.8 51.4 77.0



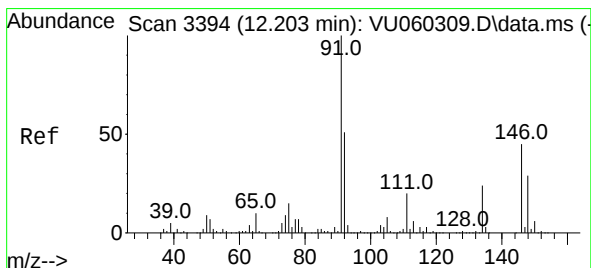
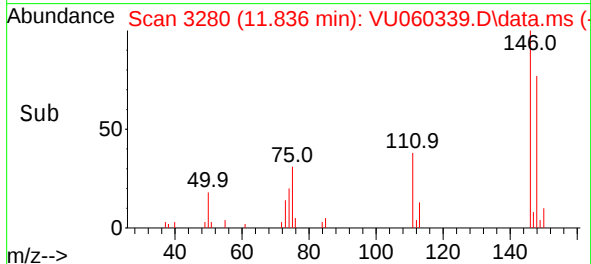
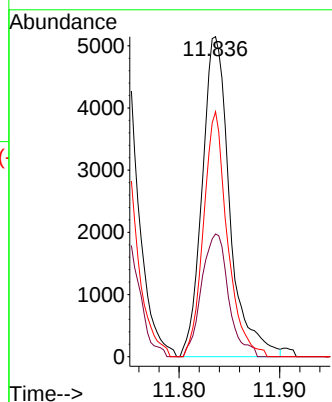


#83
1,4-Dichlorobenzene
Concen: 0.548 ug/l
RT: 11.836 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU060339.D
Acq: 07 Aug 2024 16:25

Instrument :
MSVOA_U
ClientSampleId :

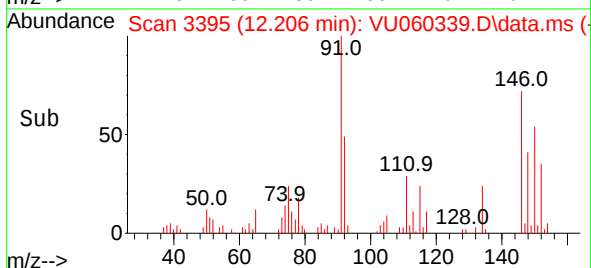
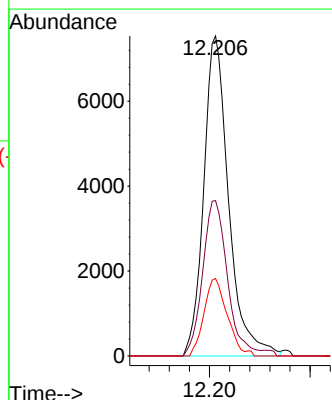
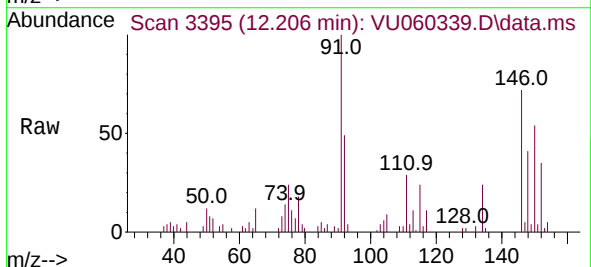


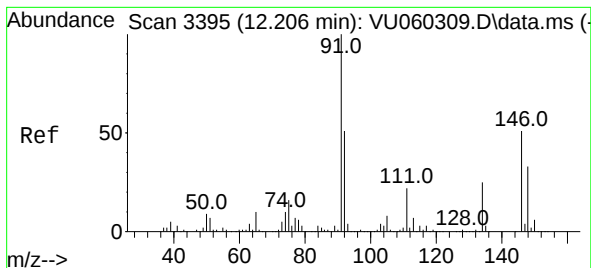
Tgt Ion:146 Resp: 9803
Ion Ratio Lower Upper
146 100
111 37.5 30.9 46.3
148 66.4 51.8 77.6



#84
n-Butylbenzene
Concen: 0.845 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.003 min
Lab File: VU060339.D
Acq: 07 Aug 2024 16:25

Tgt Ion: 91 Resp: 12962
Ion Ratio Lower Upper
91 100
92 48.2 41.0 61.6
134 22.5 19.4 29.2





#85

1,2-Dichlorobenzene

Concen: 0.567 ug/l

RT: 12.209 min Scan# 3395

Delta R.T. 0.003 min

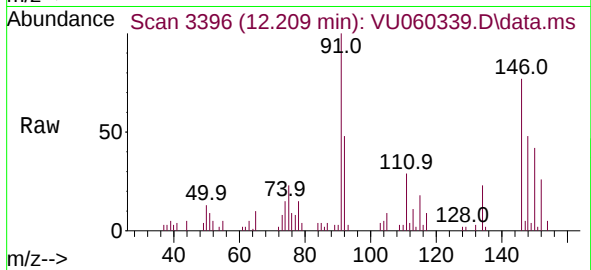
Lab File: VU060339.D

Acq: 07 Aug 2024 16:25

Instrument :

MSVOA_U

ClientSampleId :



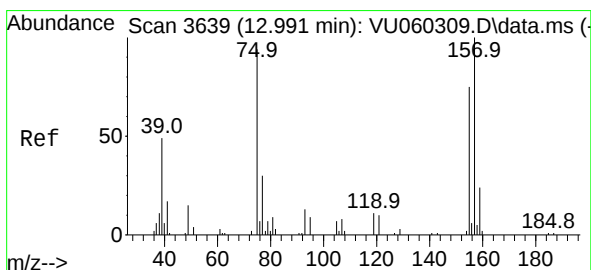
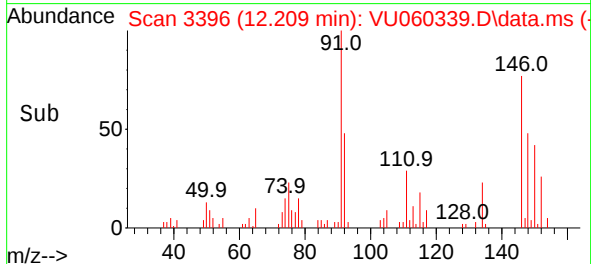
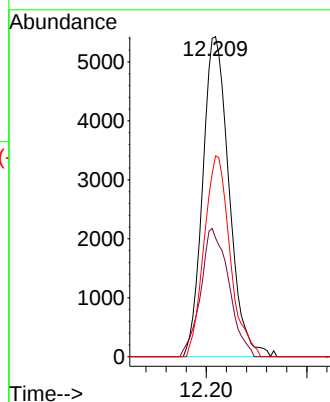
Tgt Ion:146 Resp: 9878

Ion Ratio Lower Upper

146 100

111 42.7 21.3 63.7

148 62.0 32.0 96.0



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.459 ug/l

RT: 12.994 min Scan# 3640

Delta R.T. 0.003 min

Lab File: VU060339.D

Acq: 07 Aug 2024 16:25

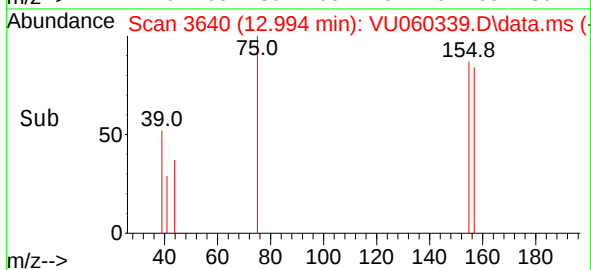
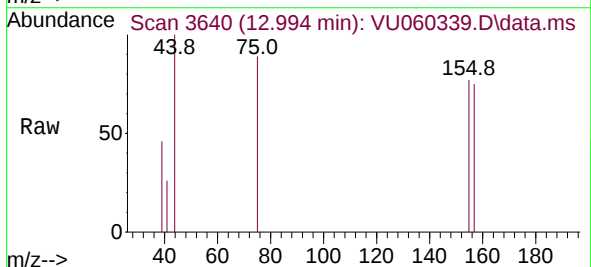
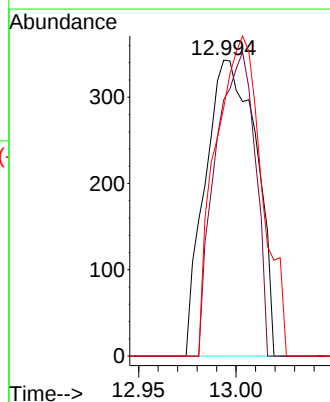
Tgt Ion: 75 Resp: 623

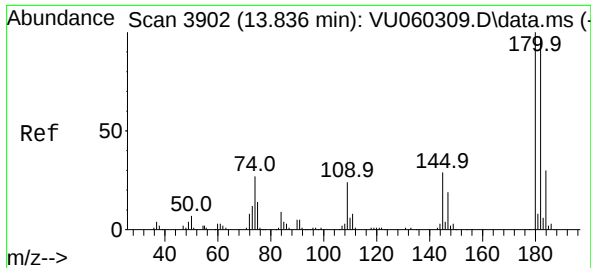
Ion Ratio Lower Upper

75 100

155 79.6 66.1 99.1

157 98.2 85.0 127.4





#87

1,2,4-Trichlorobenzene

Concen: 0.469 ug/l

RT: 13.842 min Scan# 3904

Delta R.T. 0.006 min

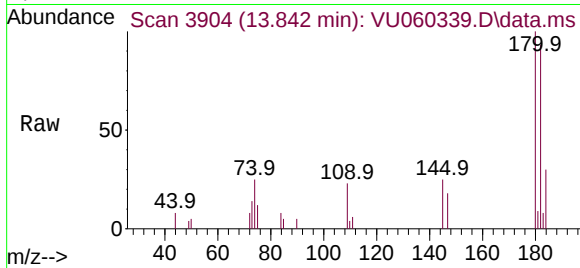
Lab File: VU060339.D

Acq: 07 Aug 2024 16:25

Instrument :

MSVOA_U

ClientSampleId :



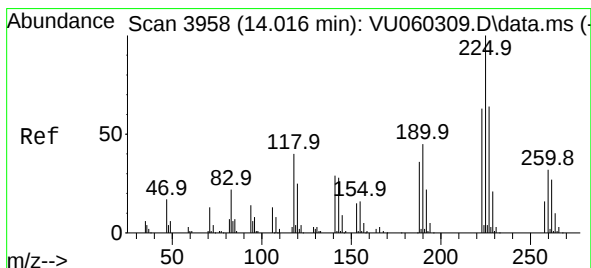
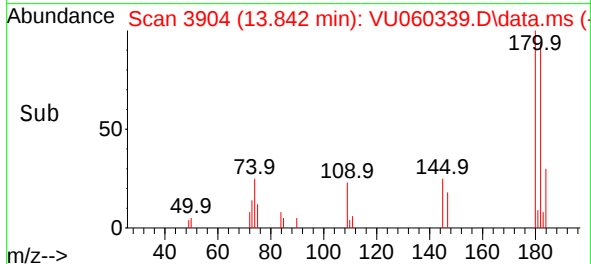
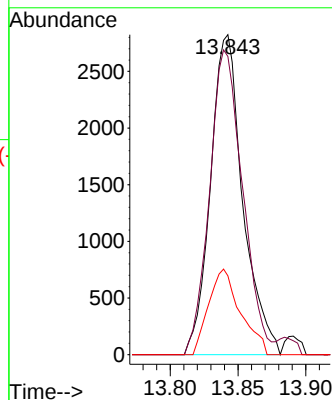
Tgt Ion:180 Resp: 4677

Ion Ratio Lower Upper

180 100

182 97.6 76.8 115.2

145 26.4 23.4 35.0



#88

Hexachlorobutadiene

Concen: 0.579 ug/l

RT: 14.013 min Scan# 3957

Delta R.T. -0.003 min

Lab File: VU060339.D

Acq: 07 Aug 2024 16:25

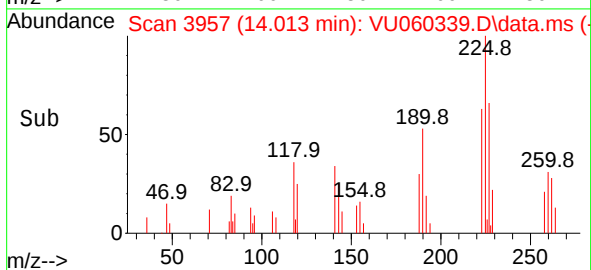
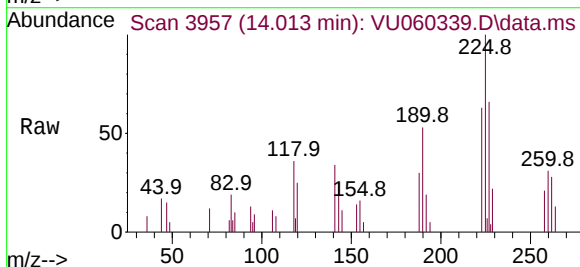
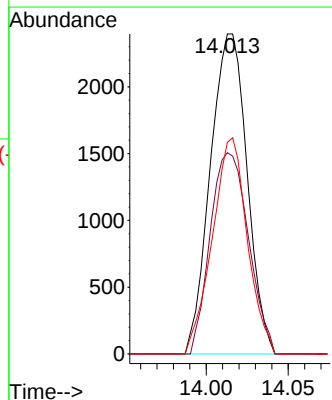
Tgt Ion:225 Resp: 3729

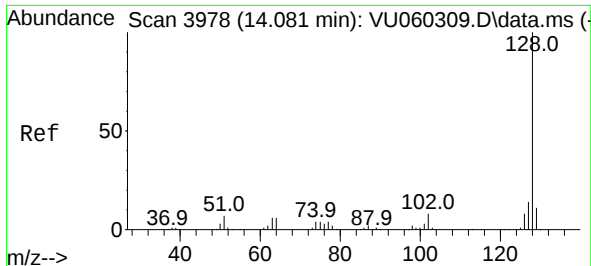
Ion Ratio Lower Upper

225 100

223 65.7 50.8 76.2

227 64.1 50.8 76.2





#89

Naphthalene

Concen: 0.352 ug/l

RT: 14.093 min Scan# 3982

Delta R.T. 0.012 min

Lab File: VU060339.D

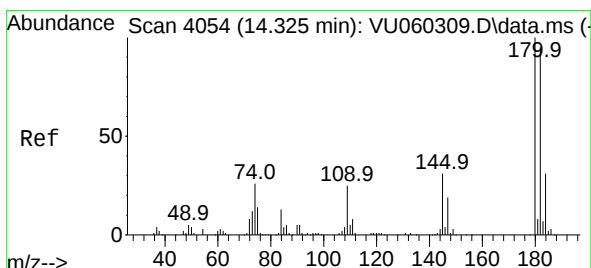
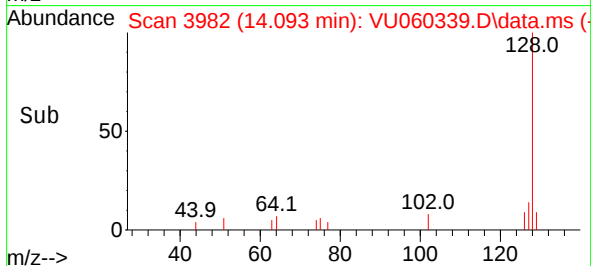
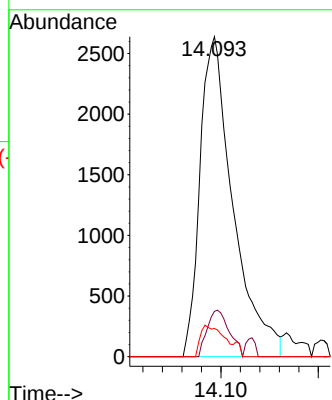
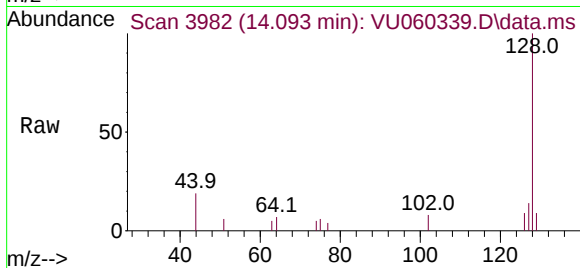
Acq: 07 Aug 2024 16:25

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	6210
Ion Ratio	Lower	Upper
128	100	
127	9.7	11.0 16.4#
129	7.6	8.6 12.8#



#90

1,2,3-Trichlorobenzene

Concen: 0.512 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.003 min

Lab File: VU060339.D

Acq: 07 Aug 2024 16:25

Tgt Ion:180	Resp:	4979
Ion Ratio	Lower	Upper
180	100	
182	93.7	76.1 114.1
145	26.8	25.0 37.6

