

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090624\
 Data File : VU060638.D
 Acq On : 06 Sep 2024 11:52
 Operator : MD/SY
 Sample : VSTDICC0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 07 00:34:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U090624DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Sep 07 00:33:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.113	96	35758	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	13107	1.073	ug/l	0.00
Spiked Amount 1.000			Recovery	=	107.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	11966	0.909	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	6988	0.497	ug/l	98
3) Chloromethane	1.518	50	6935	0.441	ug/l #	86
4) Vinyl Chloride	1.602	62	6810	0.436	ug/l	94
5) Bromomethane	1.856	94	4376	0.454	ug/l	97
6) Chloroethane	1.933	64	4086	0.437	ug/l #	86
7) Trichlorofluoromethane	2.133	101	9844	0.508	ug/l	93
8) 1,1,2-Trichloro-1,2,2-...	2.580	101	4358	0.429	ug/l	96
9) 1,1-Dichloroethene	2.576	96	4579	0.433	ug/l	93
10) Iodomethane	2.718	142	4903	0.319	ug/l	94
11) Allyl Chloride	2.920	41	5386	0.375	ug/l	98
12) Acrylonitrile	3.348	53	622	0.228	ug/l #	79
13) Acetone	2.663	43	7537	2.108	ug/l #	85
14) Carbon Disulfide	2.792	76	14623	0.411	ug/l	97
15) Methylene Chloride	3.039	84	8455	0.643	ug/l	93
16) trans-1,2-Dichloroethene	3.354	96	4250	0.377	ug/l	89
17) 1,1-Dichloroethane	3.869	63	8649	0.399	ug/l	97
18) 2-Butanone	4.753	43	3902	0.968	ug/l	74
19) Cyclohexane	5.383	56	5116	0.275	ug/l #	85
20) Methylcyclohexane	6.756	83	5304	0.351	ug/l	89
21) 2,2-Dichloropropane	4.660	77	6503	0.380	ug/l #	81
22) cis-1,2-Dichloroethene	4.669	96	4047	0.335	ug/l	86
23) Diethyl Ether	2.374	59	3344	0.389	ug/l #	88
24) tert-Butyl Alcohol	3.261	59	92	0.088	ug/l #	91
25) Methyl tert-Butyl Ether	3.358	73	8825	0.341	ug/l	97
26) Bromochloromethane	4.968	128	2079	0.402	ug/l	95
27) Chloroform	5.084	83	9353	0.437	ug/l	85
28) 1,1,1-Trichloroethane	5.306	97	7889	0.438	ug/l	97
29) 1,1-Dichloropropene	5.525	75	4934	0.341	ug/l	96
30) Carbon Tetrachloride	5.518	117	7383	0.496	ug/l	96
31) Isopropyl Ether	3.988	45	9410	0.301	ug/l	86
32) Ethyl-t-butyl ether	4.489	59	9607	0.316	ug/l	99
33) Tert-Amyl methyl ether	5.936	73	7115	0.320	ug/l	96
34) Propionitrile	4.837	54	337	0.306	ug/l #	70
35) Benzene	5.772	78	16754	0.382	ug/l	95
36) 1,2-Dichloroethane	5.795	62	5422	0.437	ug/l #	84
37) Trichloroethene	6.541	130	4610	0.421	ug/l	94
38) 1,2-Dichloropropane	6.785	63	4615	0.390	ug/l	94
39) Methacrylonitrile	5.014	41	629	0.160	ug/l #	69
40) Methyl acrylate	4.911	55	814	0.116	ug/l #	75
41) Tetrahydrofuran	5.062	42	44	0.020	ug/l #	30
42) 1-Chlorobutane	5.457	56	7361	0.372	ug/l	95
43) Dibromomethane	6.917	93	2538	0.423	ug/l #	82
44) Bromodichloromethane	7.100	83	6276	0.433	ug/l	97

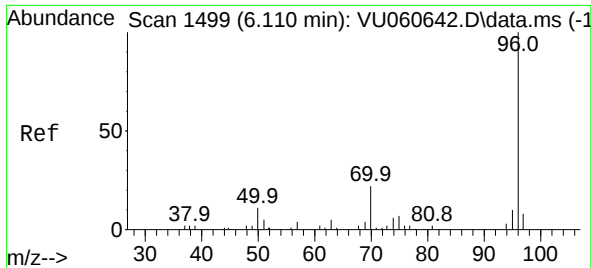
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Sep 07 00:33:26 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.795	43	9742	1.708	ug/l	92
46) t-1,4-Dichloro-2-butene	10.820	75	4415	1.396	ug/l #	50
47) Methyl methacrylate	6.972	69	2994	0.616	ug/l	91
48) Ethyl methacrylate	8.335	69	2500	0.299	ug/l	98
49) Toluene	7.968	92	9007	0.370	ug/l	98
50) t-1,3-Dichloropropene	8.210	75	4613	0.382	ug/l	90
51) cis-1,3-Dichloropropene	7.608	75	6004	0.414	ug/l	98
52) 1,1,2-Trichloroethane	8.396	97	3214	0.368	ug/l #	82
53) 1,3-Dichloropropane	8.573	76	5171	0.368	ug/l	92
54) 2-Hexanone	8.692	43	8226	1.787	ug/l	96
55) Dibromochloromethane	8.804	129	3810	0.390	ug/l	98
56) 1,2-Dibromoethane	8.920	107	2612	0.334	ug/l	91
58) Tetrachloroethene	8.554	164	4263	0.430	ug/l	91
59) Chlorobenzene	9.447	112	10565	0.397	ug/l	96
60) 1,1,1,2-Tetrachloroethane	9.528	131	4498	0.431	ug/l	98
61) Pentachloroethane	11.422	117	3685	0.421	ug/l	83
62) Hexachloroethane	12.470	117	3233	0.379	ug/l	95
63) Ethyl Benzene	9.566	91	15535	0.373	ug/l	98
64) m/p-Xylenes	9.692	106	11700	0.709	ug/l	94
65) o-Xylene	10.097	106	5129	0.323	ug/l	80
66) Styrene	10.113	104	8484	0.324	ug/l	97
67) Bromoform	10.290	173	2012	0.353	ug/l #	85
69) Isopropylbenzene	10.480	105	13596	0.334	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.775	83	3780	0.328	ug/l #	94
71) 1,2,3-Trichloropropane	10.820	75	4415	0.523	ug/l #	84
72) Bromobenzene	10.782	156	3970	0.366	ug/l	91
73) n-propylbenzene	10.901	120	3859	0.341	ug/l	100
74) 2-Chlorotoluene	10.984	126	3507	0.332	ug/l	96
75) 1,3,5-Trimethylbenzene	11.081	105	11417	0.322	ug/l	97
76) 4-Chlorotoluene	11.094	126	3837	0.350	ug/l	84
77) tert-Butylbenzene	11.415	119	12010	0.347	ug/l	99
78) 1,2,4-Trimethylbenzene	11.467	105	11344	0.313	ug/l	99
79) sec-Butylbenzene	11.637	105	15266	0.333	ug/l	98
80) Nitrobenzene	13.299	77	44	0.090	ug/l #	39
81) p-Isopropyltoluene	11.788	119	12031	0.323	ug/l	96
82) 1,3-Dichlorobenzene	11.743	146	7603	0.337	ug/l	99
83) 1,4-Dichlorobenzene	11.836	146	7659	0.343	ug/l	96
84) n-Butylbenzene	12.206	91	10091	0.280	ug/l	97
85) 1,2-Dichlorobenzene	12.206	146	7446	0.342	ug/l	95
86) 1,2-Dibromo-3-Chloropr...	13.000	75	476	0.282	ug/l #	64
87) 1,2,4-Trichlorobenzene	13.846	180	3298	0.265	ug/l	90
88) Hexachlorobutadiene	14.013	225	3308	0.407	ug/l	96
89) Naphthalene	14.103	128	2865	0.134	ug/l #	83
90) 1,2,3-Trichlorobenzene	14.335	180	2861	0.240	ug/l #	96

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

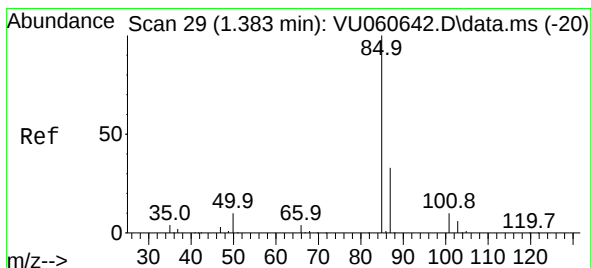
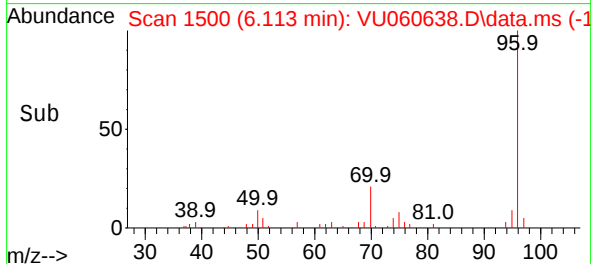
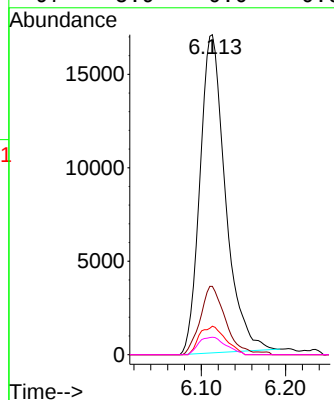
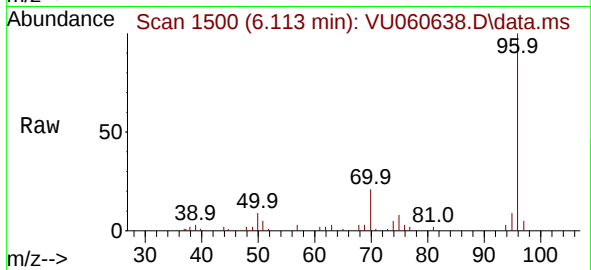


#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.113 min Scan# 1499
Delta R.T. 0.003 min
Lab File: VU060638.D
Acq: 06 Sep 2024 11:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 35758

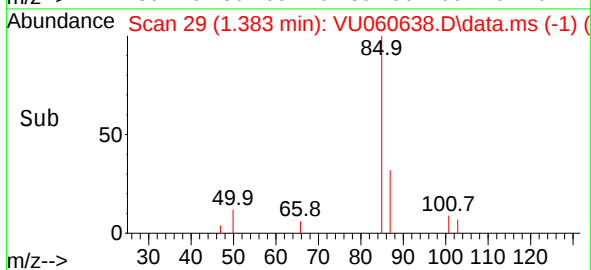
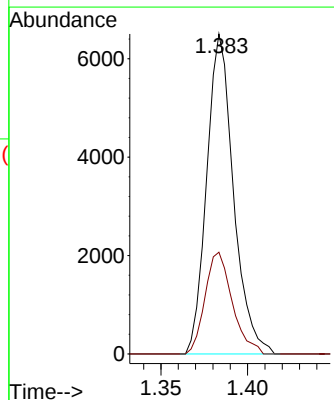
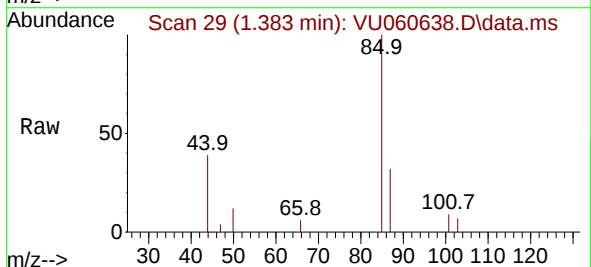
Ion	Ratio	Lower	Upper
96	100		
70	21.5	16.5	24.7
95	9.2	7.7	11.5
97	5.9	0.0	0.0

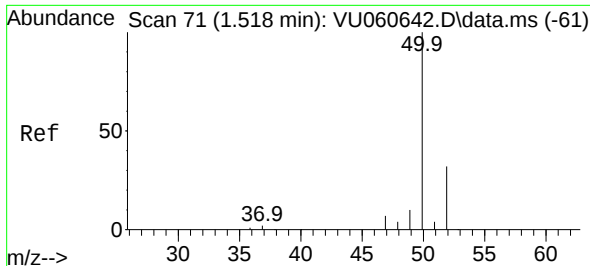


#2
Dichlorodifluoromethane
Concen: 0.497 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU060638.D
Acq: 06 Sep 2024 11:52

Tgt Ion: 85 Resp: 6988

Ion	Ratio	Lower	Upper
85	100		
87	31.8	16.6	49.8

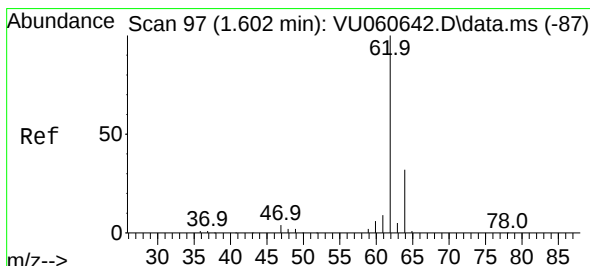
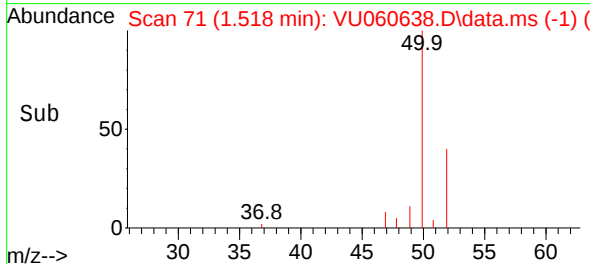
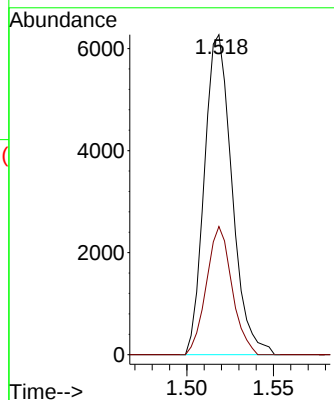
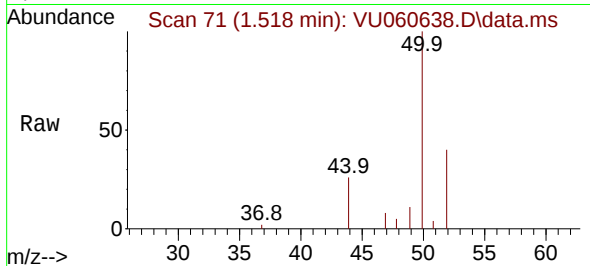




#3
Chloromethane
Concen: 0.441 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU060638.D
Acq: 06 Sep 2024 11:52

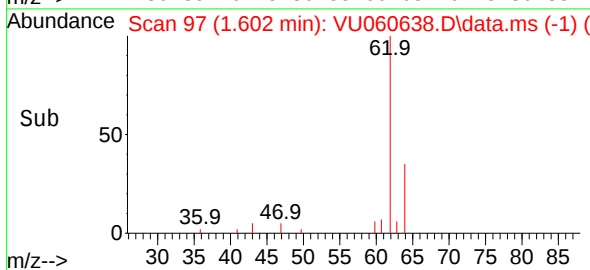
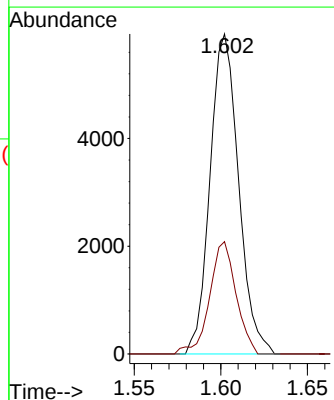
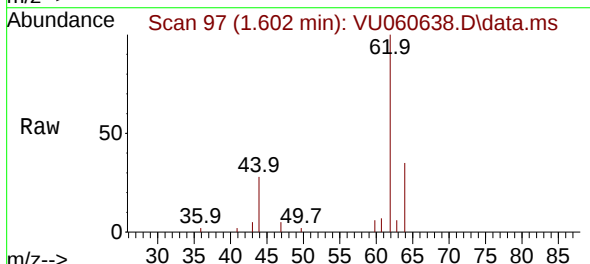
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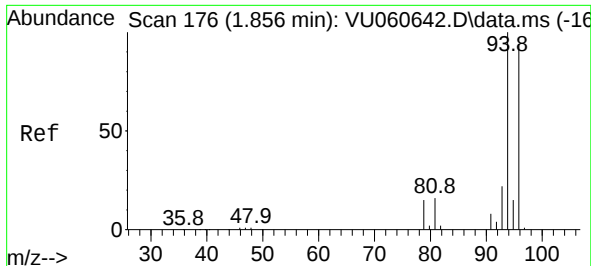
Tgt Ion: 50 Resp: 6935
Ion Ratio Lower Upper
50 100
52 40.0 25.8 38.8#



#4
Vinyl Chloride
Concen: 0.436 ug/l
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU060638.D
Acq: 06 Sep 2024 11:52

Tgt Ion: 62 Resp: 6810
Ion Ratio Lower Upper
62 100
64 35.1 25.5 38.3

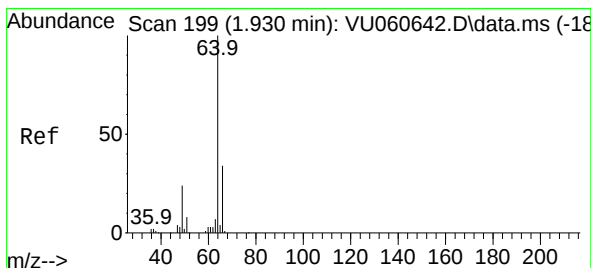
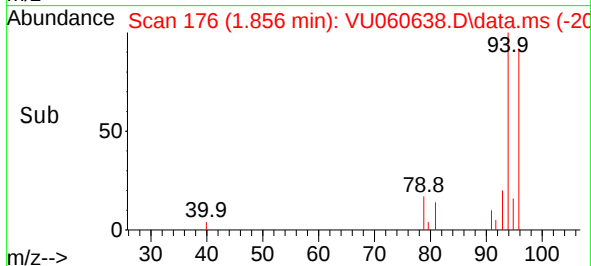
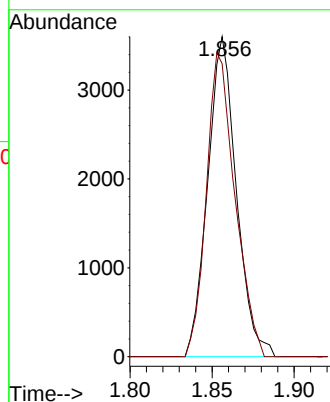
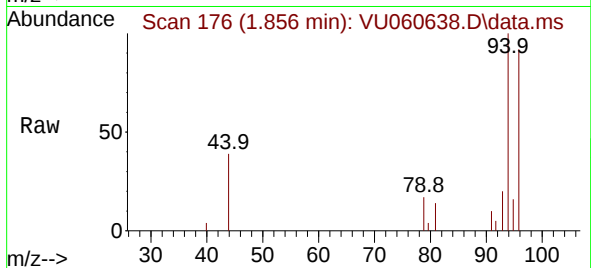




#5
Bromomethane
Concen: 0.454 ug/l
RT: 1.856 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU060638.D
Acq: 06 Sep 2024 11:52

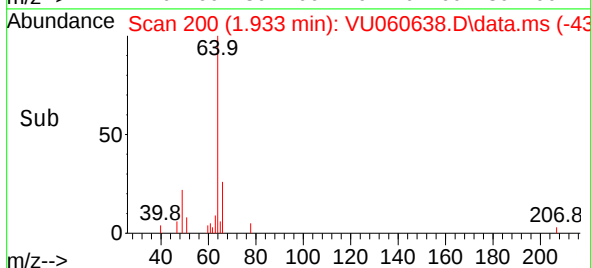
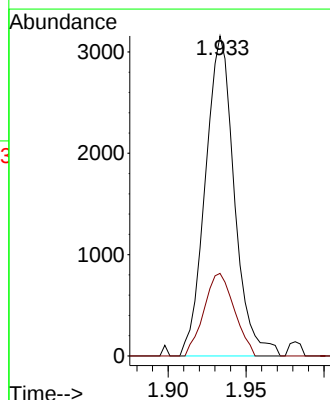
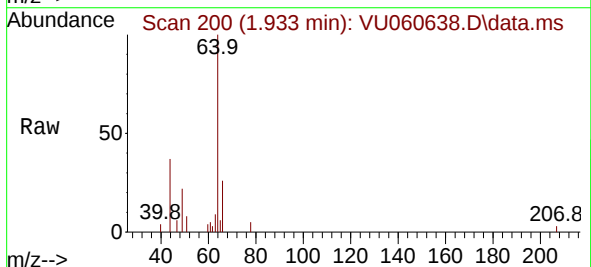
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MSVOA_U
ClientSampleId :

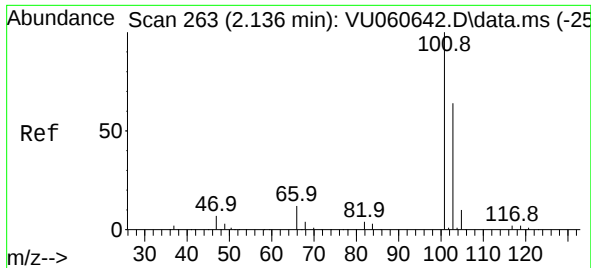
Tgt Ion: 94 Resp: 4376
Ion Ratio Lower Upper
94 100
96 91.6 75.3 112.9



#6
Chloroethane
Concen: 0.437 ug/l
RT: 1.933 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU060638.D
Acq: 06 Sep 2024 11:52

Tgt Ion: 64 Resp: 4086
Ion Ratio Lower Upper
64 100
66 25.8 27.0 40.4#

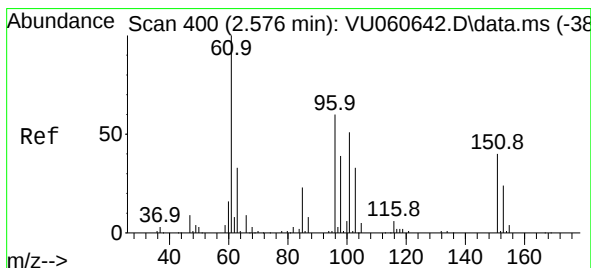
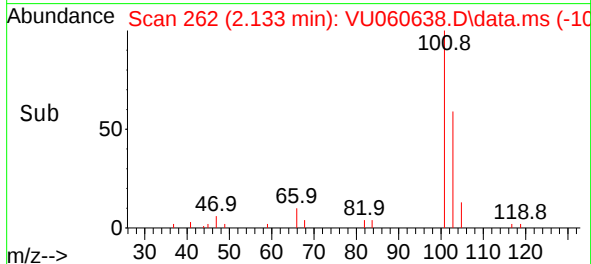
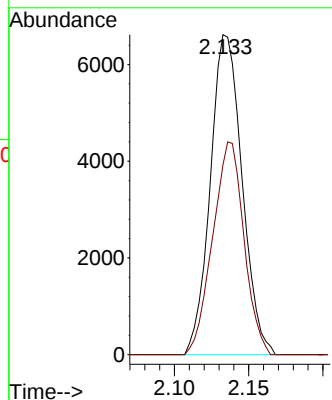
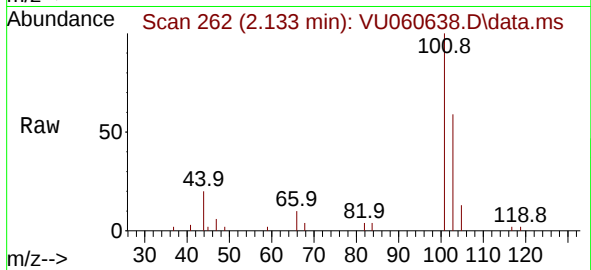




#7
 Trichlorofluoromethane
 Concen: 0.508 ug/l
 RT: 2.133 min Scan# 210
 Delta R.T. -0.003 min
 Lab File: VU060638.D
 Acq: 06 Sep 2024 11:52

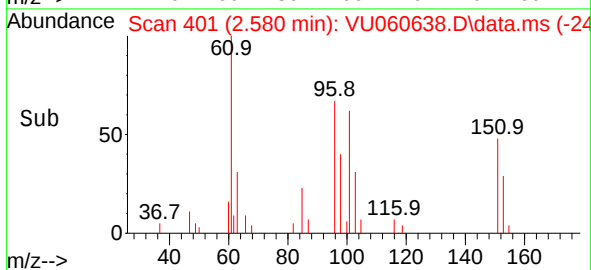
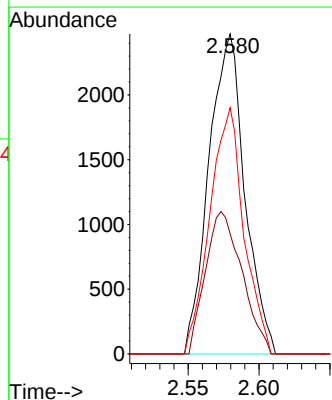
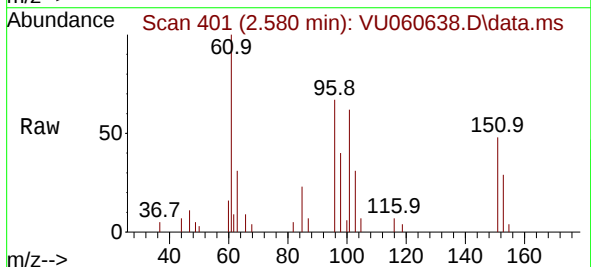
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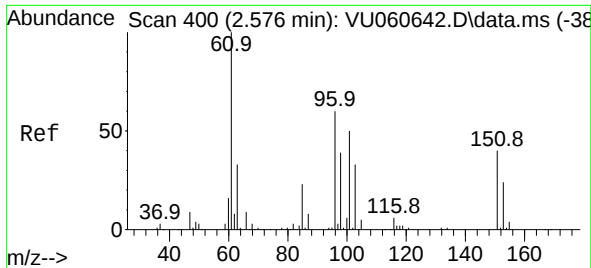
Tgt Ion:101 Resp: 9844
 Ion Ratio Lower Upper
 101 100
 103 59.3 51.6 77.4



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.429 ug/l
 RT: 2.580 min Scan# 401
 Delta R.T. 0.003 min
 Lab File: VU060638.D
 Acq: 06 Sep 2024 11:52

Tgt Ion:101 Resp: 4358
 Ion Ratio Lower Upper
 101 100
 85 45.2 36.2 54.2
 151 72.9 62.2 93.4

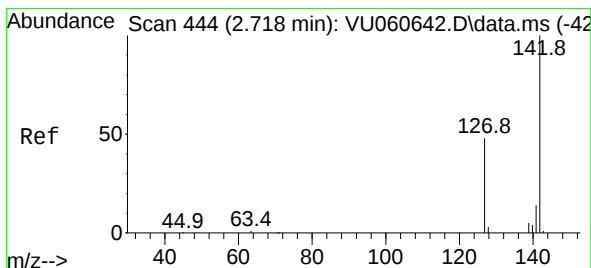
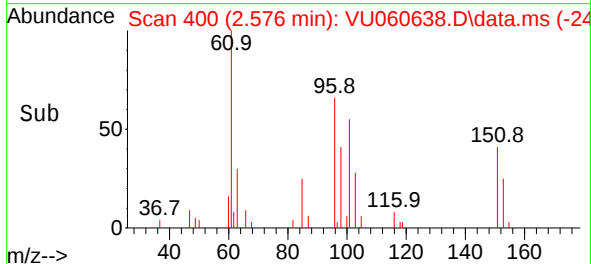
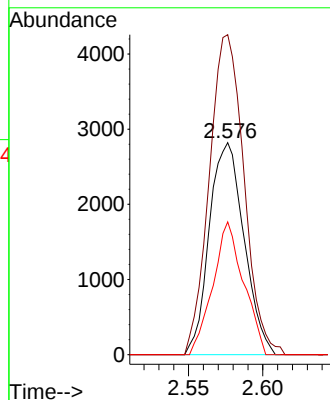
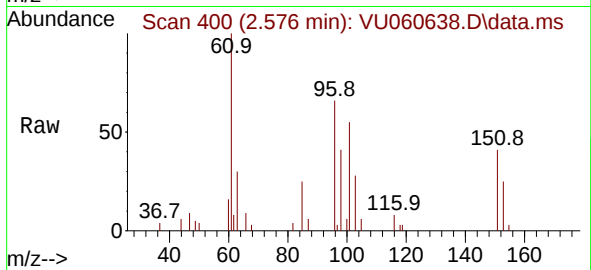




#9
1,1-Dichloroethene
Concen: 0.433 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU060638.D
Acq: 06 Sep 2024 11:52

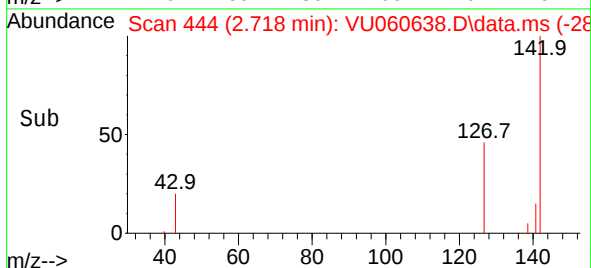
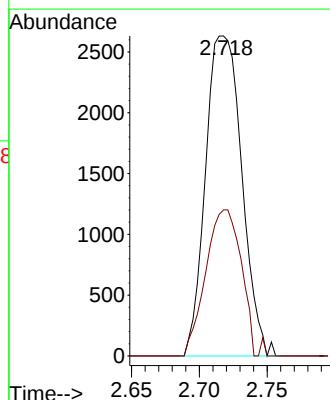
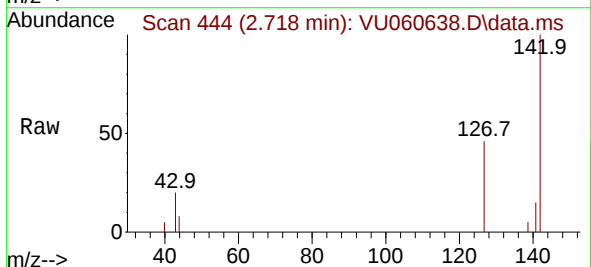
Instrument :
MSVOA_U
ClientSampleId :

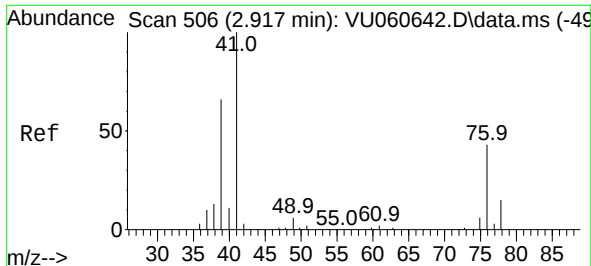
Tgt Ion: 96 Resp: 4579
Ion Ratio Lower Upper
96 100
61 156.3 0.0 501.0
98 59.8 0.0 128.8



#10
Iodomethane
Concen: 0.319 ug/l
RT: 2.718 min Scan# 444
Delta R.T. 0.000 min
Lab File: VU060638.D
Acq: 06 Sep 2024 11:52

Tgt Ion: 142 Resp: 4903
Ion Ratio Lower Upper
142 100
127 44.4 38.5 57.7





#11

Allyl Chloride

Concen: 0.375 ug/l

RT: 2.920 min Scan# 506

Delta R.T. 0.003 min

Lab File: VU060638.D

Acq: 06 Sep 2024 11:52

Instrument :

MSVOA_U

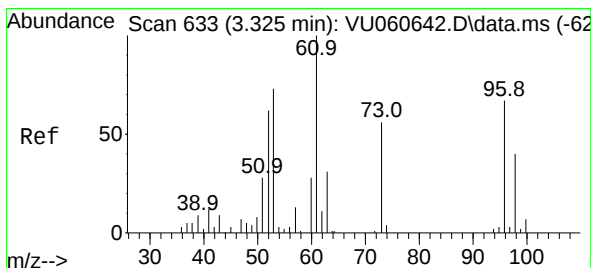
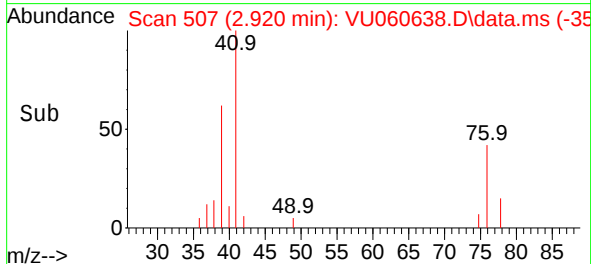
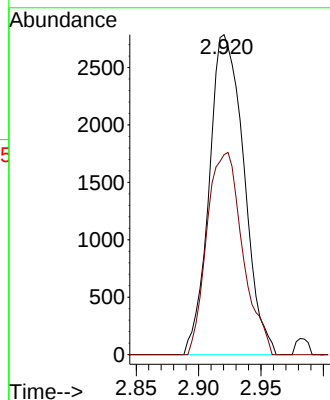
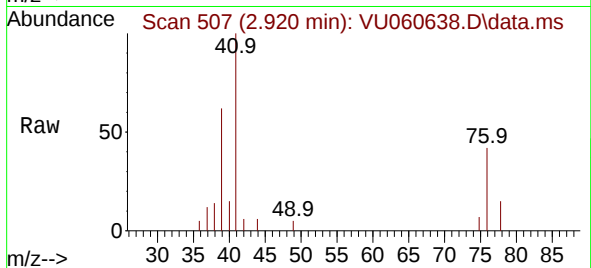
ClientSampleId :

Tgt Ion: 41 Resp: 5386

Ion Ratio Lower Upper

41 100

39 65.1 53.4 80.0



#12

Acrylonitrile

Concen: 0.228 ug/l

RT: 3.348 min Scan# 640

Delta R.T. 0.023 min

Lab File: VU060638.D

Acq: 06 Sep 2024 11:52

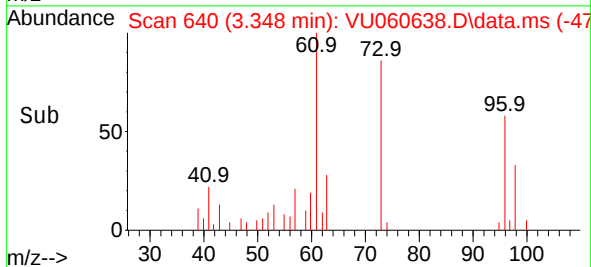
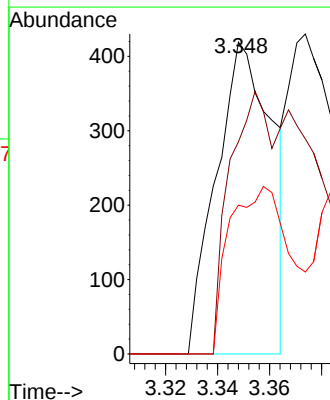
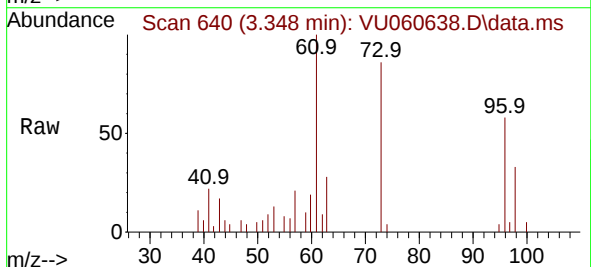
Tgt Ion: 53 Resp: 622

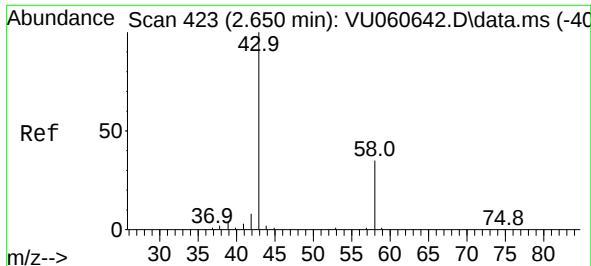
Ion Ratio Lower Upper

53 100

52 62.1 56.6 84.8

51 58.7 27.0 40.4#





#13

Acetone

Concen: 2.108 ug/l

RT: 2.663 min Scan# 41

Delta R.T. 0.013 min

Lab File: VU060638.D

Acq: 06 Sep 2024 11:52

Instrument :

MSVOA_U

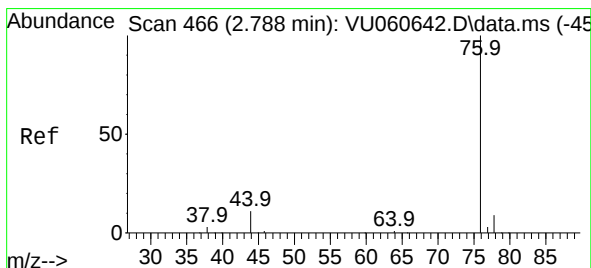
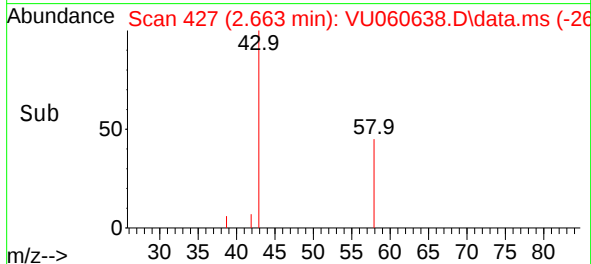
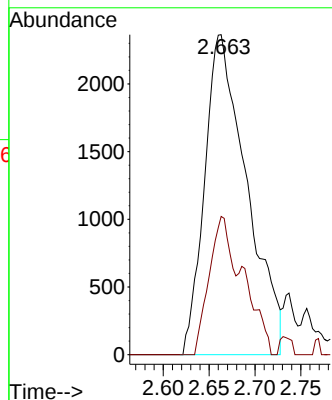
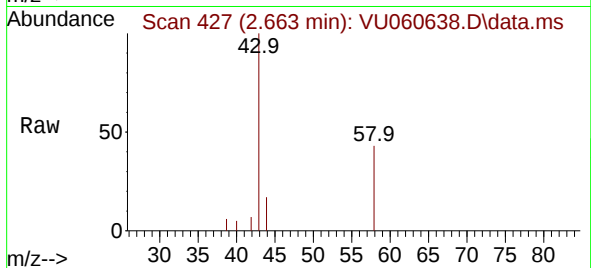
ClientSampleId :

Tgt Ion: 43 Resp: 7537

Ion Ratio Lower Upper

43 100

58 43.2 27.7 41.5#



#14

Carbon Disulfide

Concen: 0.411 ug/l

RT: 2.792 min Scan# 467

Delta R.T. 0.003 min

Lab File: VU060638.D

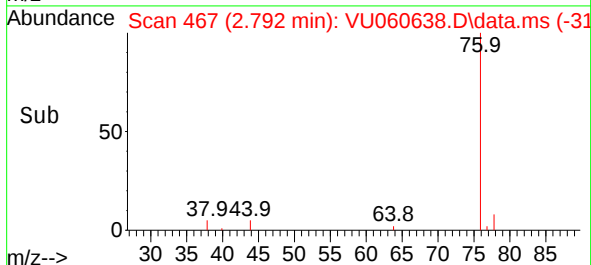
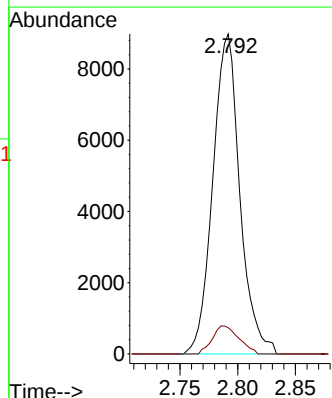
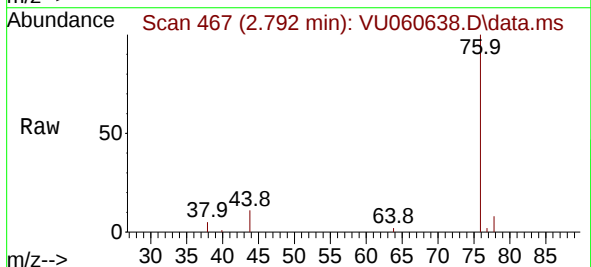
Acq: 06 Sep 2024 11:52

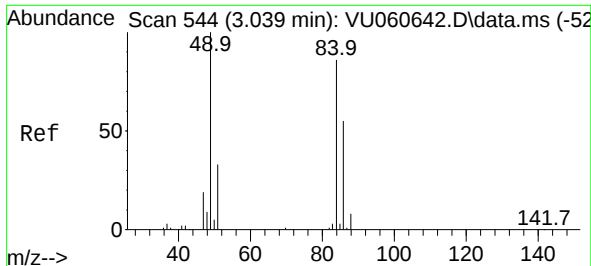
Tgt Ion: 76 Resp: 14623

Ion Ratio Lower Upper

76 100

78 8.2 7.4 11.2





#15

Methylene Chloride

Concen: 0.643 ug/l

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

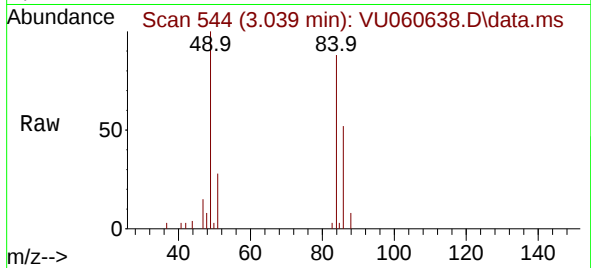
Lab File: VU060638.D

Acq: 06 Sep 2024 11:52

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 84 Resp: 8455

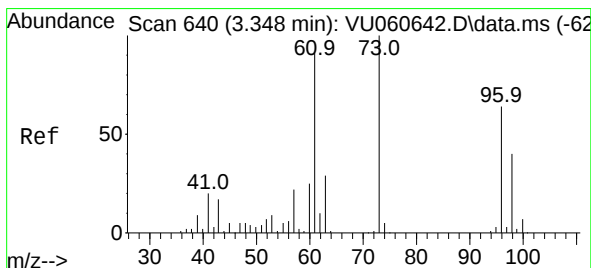
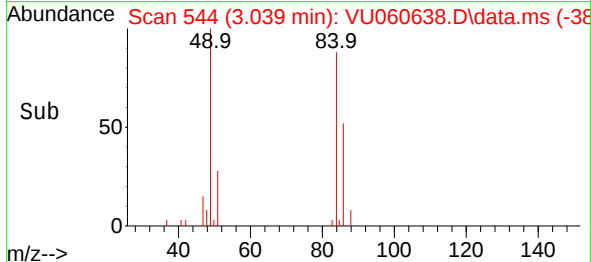
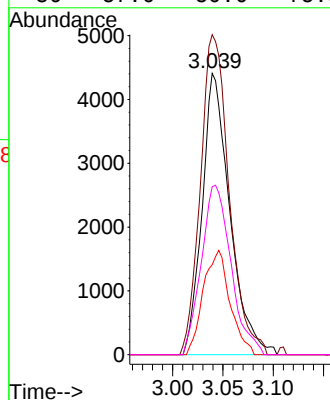
Ion Ratio Lower Upper

84 100

49 109.7 92.8 139.2

51 30.8 0.0 75.4

86 57.6 50.6 75.8



#16

trans-1,2-Dichloroethene

Concen: 0.377 ug/l

RT: 3.354 min Scan# 642

Delta R.T. 0.007 min

Lab File: VU060638.D

Acq: 06 Sep 2024 11:52

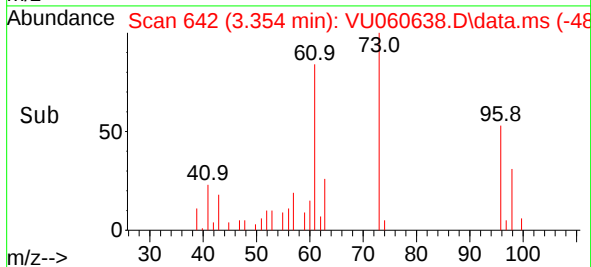
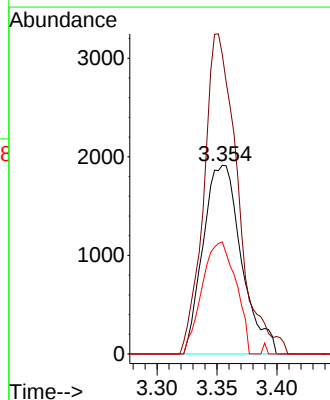
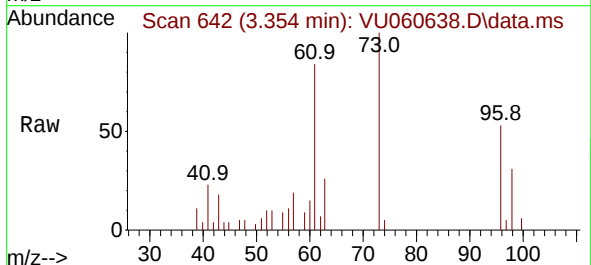
Tgt Ion: 96 Resp: 4250

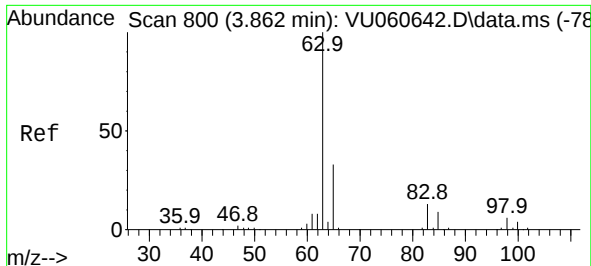
Ion Ratio Lower Upper

96 100

61 158.8 113.3 169.9

98 59.4 50.0 75.0

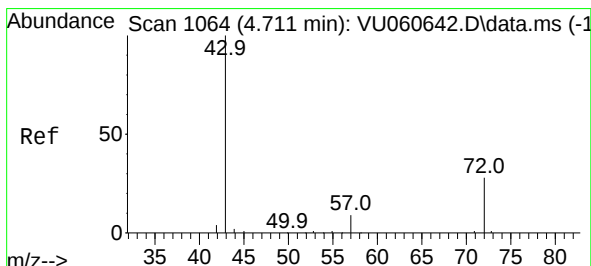
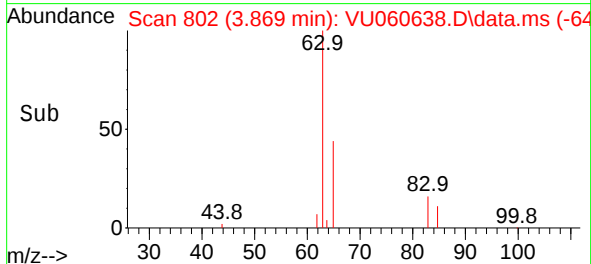
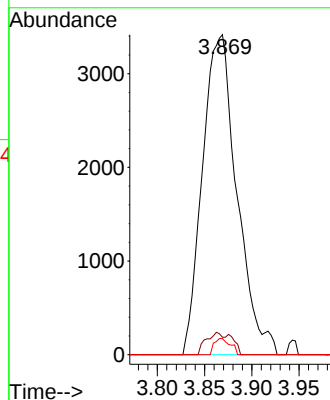
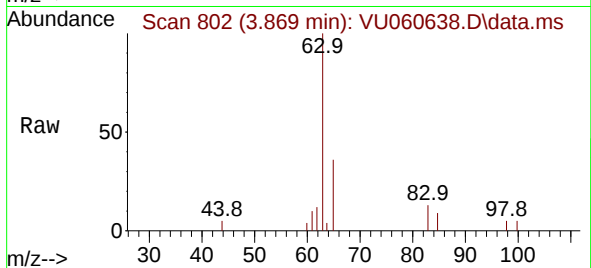




#17
1,1-Dichloroethane
Concen: 0.399 ug/l
RT: 3.869 min Scan# 800
Delta R.T. 0.007 min
Lab File: VU060638.D
Acq: 06 Sep 2024 11:52

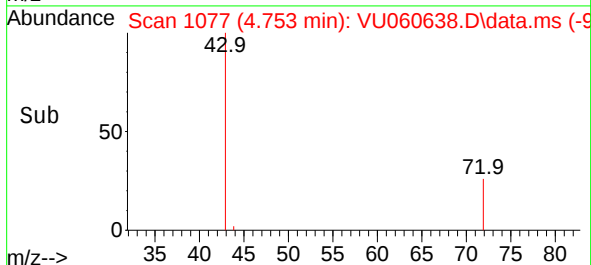
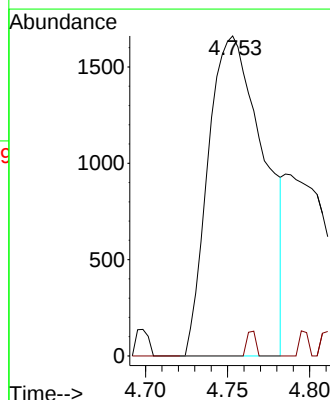
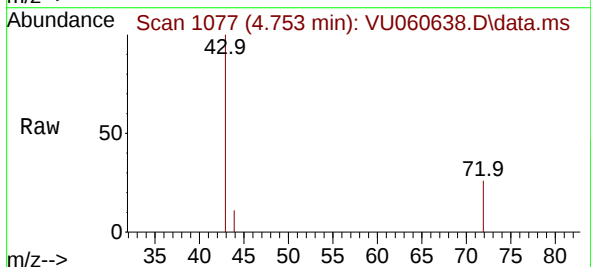
Instrument :
MSVOA_U
ClientSampleId :

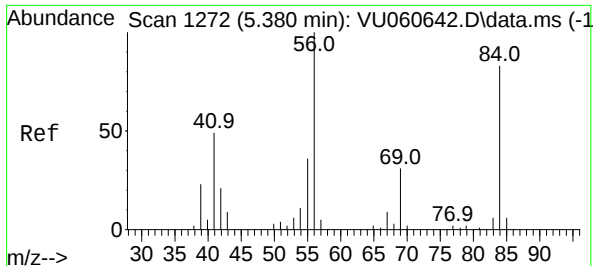
Tgt Ion: 63 Resp: 8649
Ion Ratio Lower Upper
63 100
98 5.3 3.1 9.4
100 4.9 2.1 6.5



#18
2-Butanone
Concen: 0.968 ug/l
RT: 4.753 min Scan# 1077
Delta R.T. 0.042 min
Lab File: VU060638.D
Acq: 06 Sep 2024 11:52

Tgt Ion: 43 Resp: 3902
Ion Ratio Lower Upper
43 100
57 0.0 0.0 18.8





#19

Cyclohexane

Concen: 0.275 ug/l

RT: 5.383 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU060638.D

Acq: 06 Sep 2024 11:52

Instrument :

MSVOA_U

ClientSampleId :

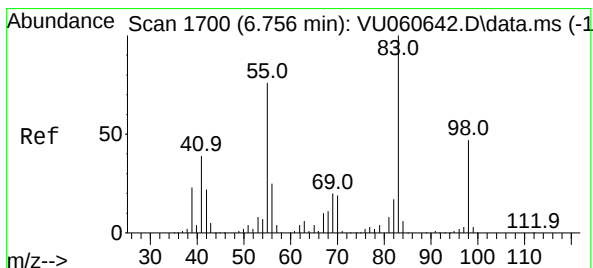
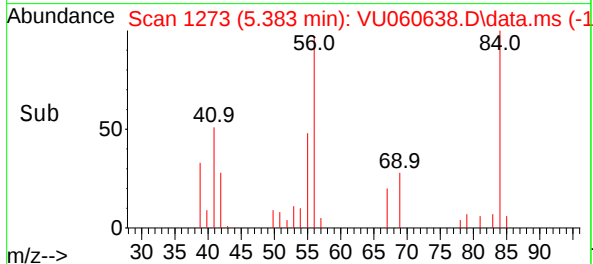
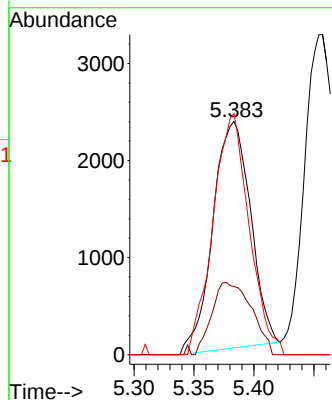
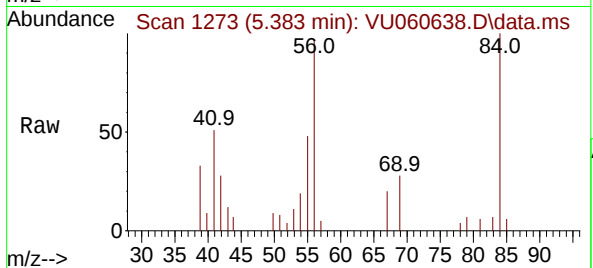
Tgt Ion: 56 Resp: 5116

Ion Ratio Lower Upper

56 100

69 33.5 24.7 37.1

84 101.9 67.6 101.4#



#20

Methylcyclohexane

Concen: 0.351 ug/l

RT: 6.756 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VU060638.D

Acq: 06 Sep 2024 11:52

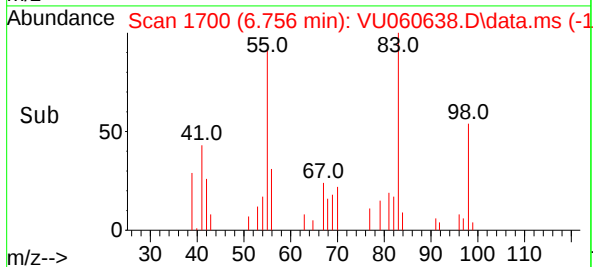
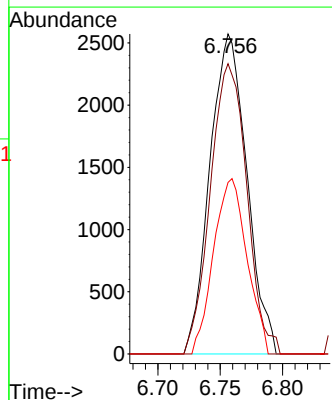
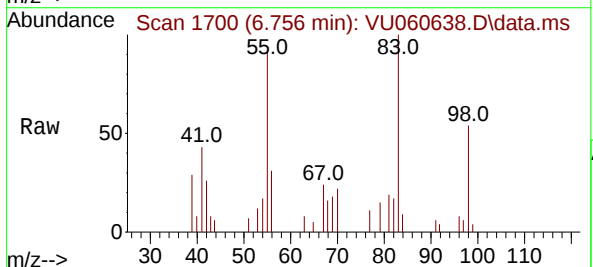
Tgt Ion: 83 Resp: 5304

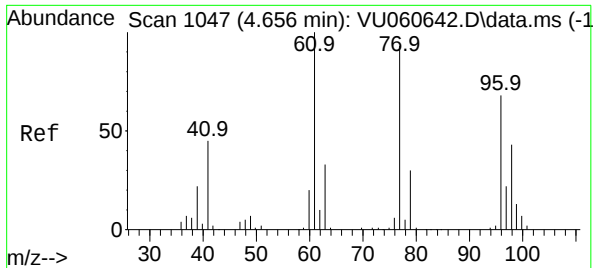
Ion Ratio Lower Upper

83 100

55 89.5 61.6 92.4

98 49.6 37.3 55.9

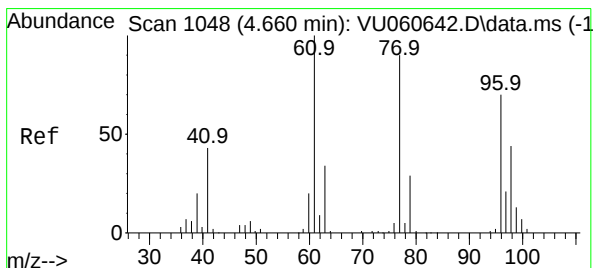
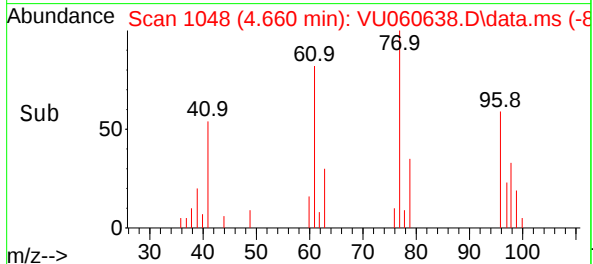
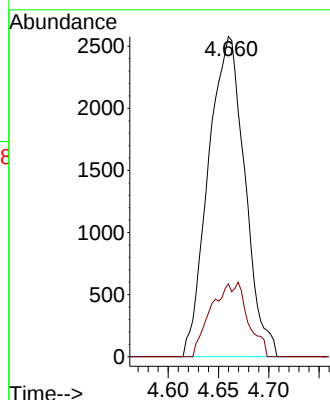
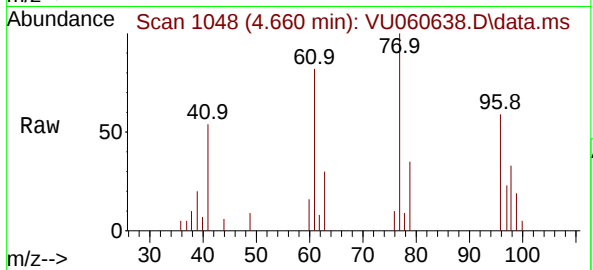




#21
2,2-Dichloropropane
Concen: 0.380 ug/l
RT: 4.660 min Scan# 1051
Delta R.T. 0.003 min
Lab File: VU060638.D
Acq: 06 Sep 2024 11:52

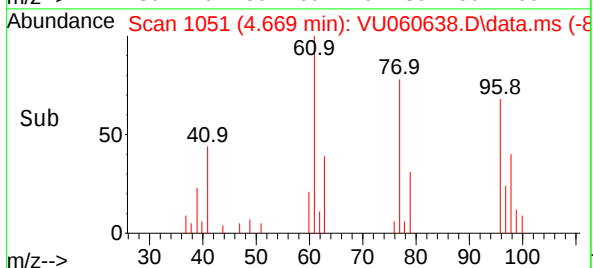
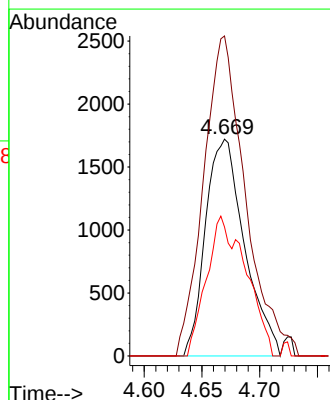
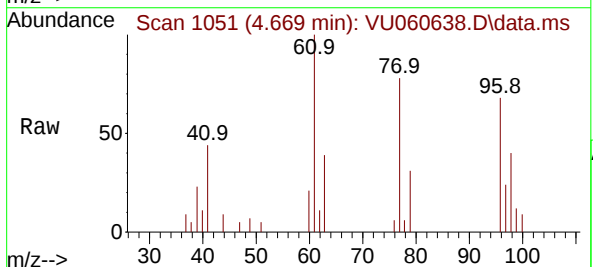
Instrument :
MSVOA_U
ClientSampleId :

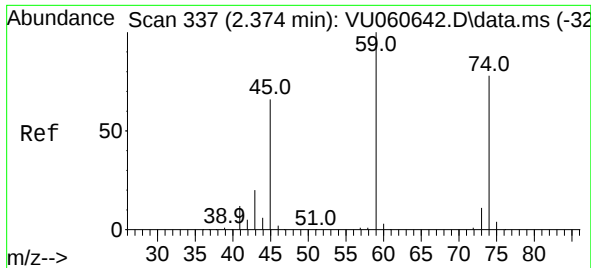
Tgt Ion: 77 Resp: 6503
Ion Ratio Lower Upper
77 100
97 13.7 18.3 27.5#



#22
cis-1,2-Dichloroethene
Concen: 0.335 ug/l
RT: 4.669 min Scan# 1051
Delta R.T. 0.010 min
Lab File: VU060638.D
Acq: 06 Sep 2024 11:52

Tgt Ion: 96 Resp: 4047
Ion Ratio Lower Upper
96 100
61 157.9 0.0 374.5
98 39.6 32.8 98.4





#23

Diethyl Ether

Concen: 0.389 ug/l

RT: 2.374 min Scan# 337

Delta R.T. 0.000 min

Lab File: VU060638.D

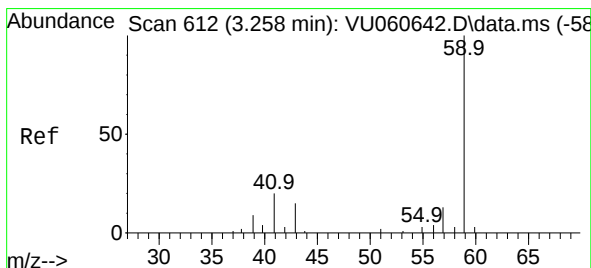
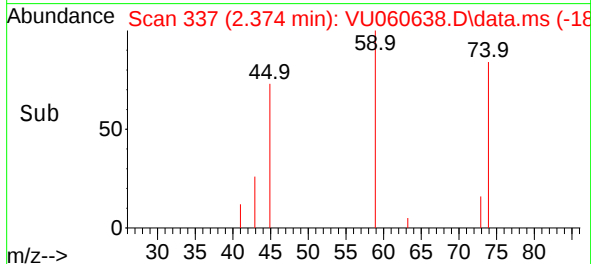
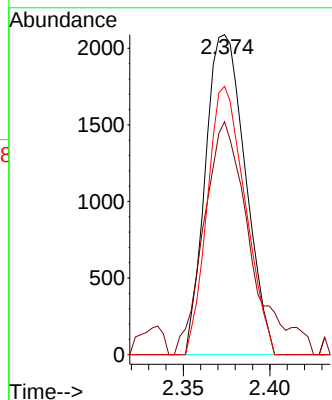
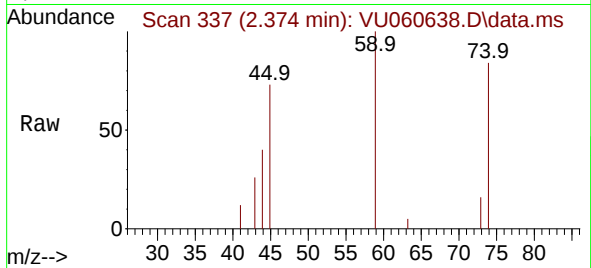
Acq: 06 Sep 2024 11:52

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	59	Resp:	3344
Ion Ratio	Lower	Upper	
59	100		
45	84.3	53.0	79.4#
74	79.7	61.6	92.4



#24

tert-Butyl Alcohol

Concen: 0.088 ug/l

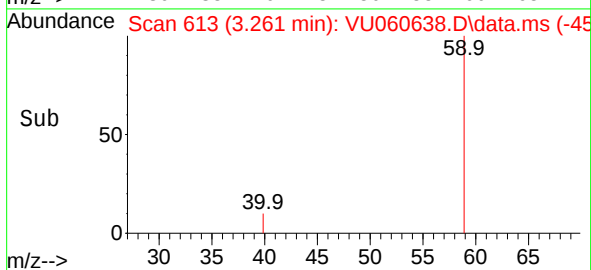
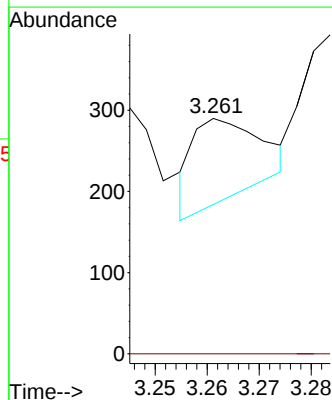
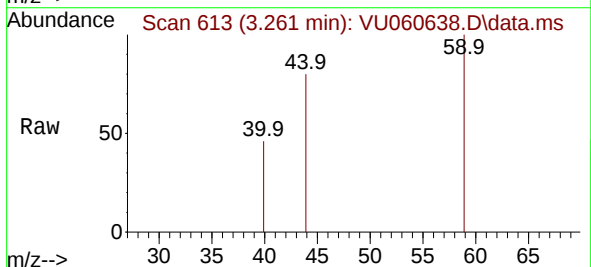
RT: 3.261 min Scan# 613

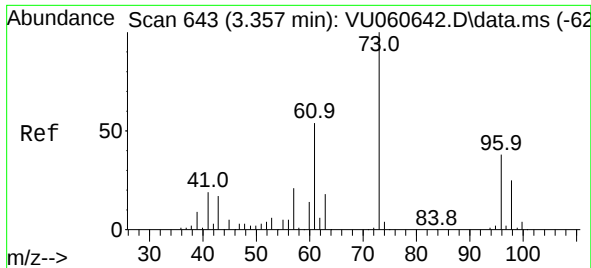
Delta R.T. 0.003 min

Lab File: VU060638.D

Acq: 06 Sep 2024 11:52

Tgt Ion:	59	Resp:	92
Ion Ratio	Lower	Upper	
59	100		
57	0.0	2.4	3.6#

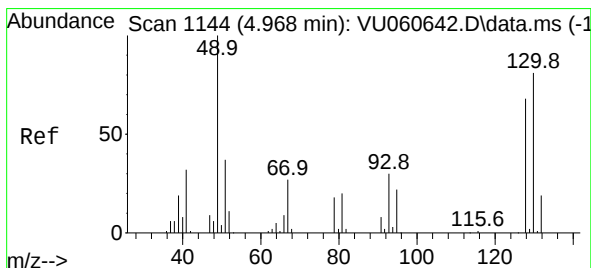
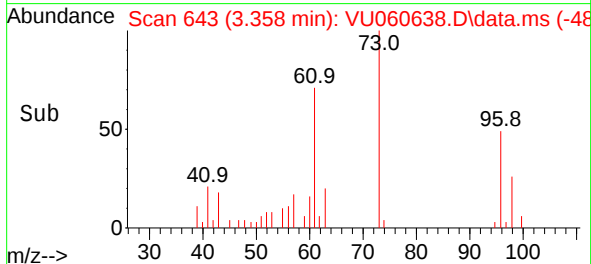
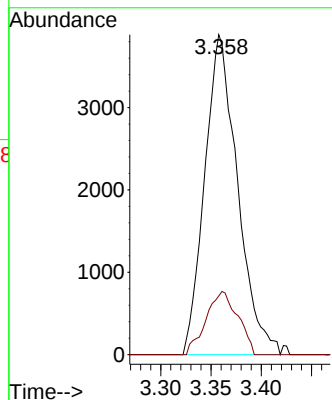
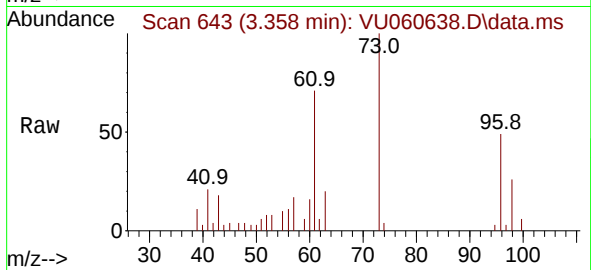




#25
Methyl tert-Butyl Ether
Concen: 0.341 ug/l
RT: 3.358 min Scan# 643
Delta R.T. 0.000 min
Lab File: VU060638.D
Acq: 06 Sep 2024 11:52

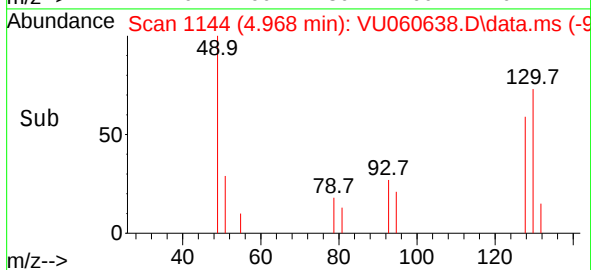
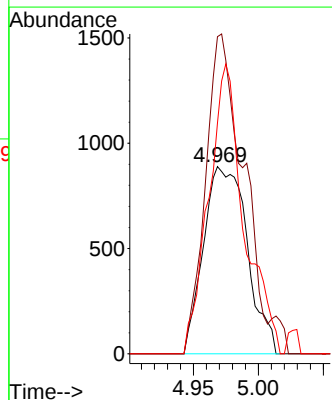
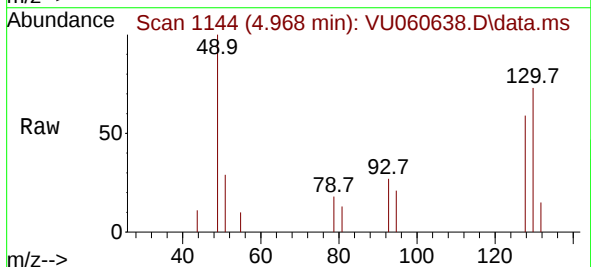
Instrument :
MSVOA_U
ClientSampleId :

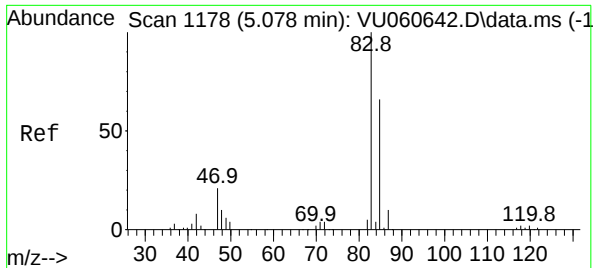
Tgt Ion: 73 Resp: 8825
Ion Ratio Lower Upper
73 100
43 19.1 14.4 21.6



#26
Bromochloromethane
Concen: 0.402 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VU060638.D
Acq: 06 Sep 2024 11:52

Tgt Ion: 128 Resp: 2079
Ion Ratio Lower Upper
128 100
49 146.4 0.0 315.6
130 125.4 101.6 152.4

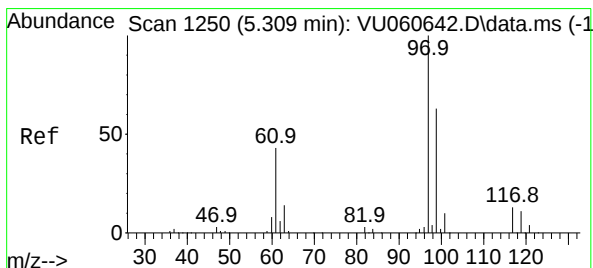
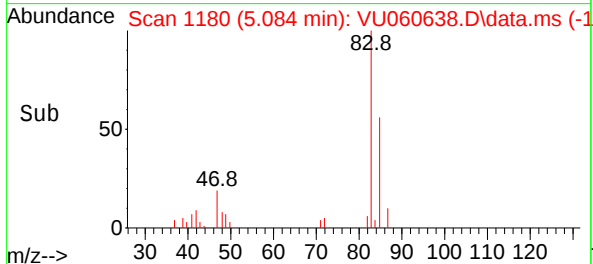
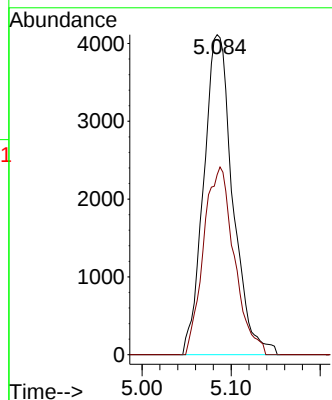
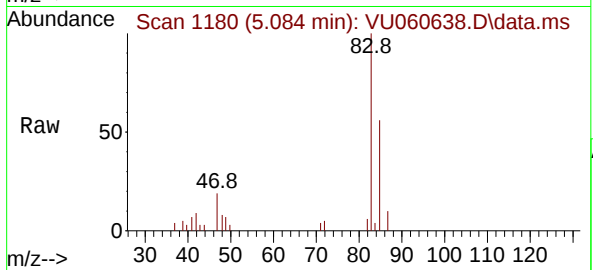




#27
Chloroform
Concen: 0.437 ug/l
RT: 5.084 min Scan# 1178
Delta R.T. 0.007 min
Lab File: VU060638.D
Acq: 06 Sep 2024 11:52

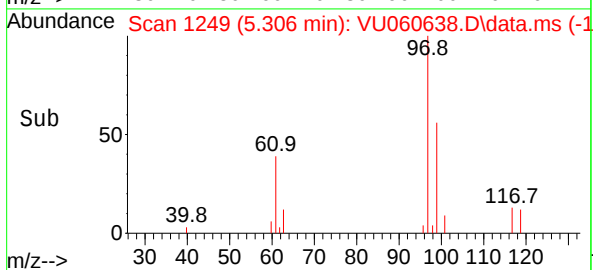
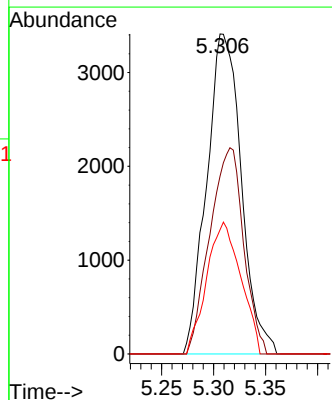
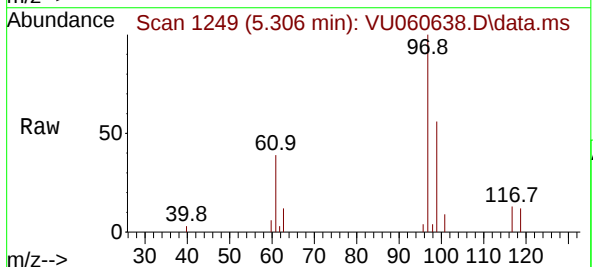
Instrument :
MSVOA_U
ClientSampleId :

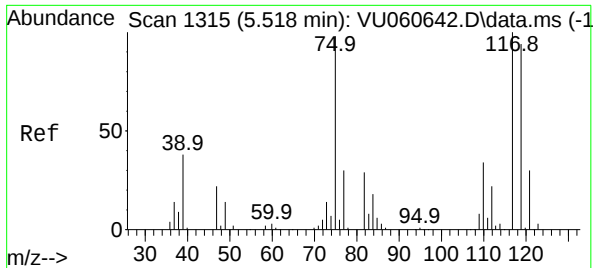
Tgt Ion: 83 Resp: 9353
Ion Ratio Lower Upper
83 100
85 54.2 0.0 131.4



#28
1,1,1-Trichloroethane
Concen: 0.438 ug/l
RT: 5.306 min Scan# 1249
Delta R.T. -0.003 min
Lab File: VU060638.D
Acq: 06 Sep 2024 11:52

Tgt Ion: 97 Resp: 7889
Ion Ratio Lower Upper
97 100
99 62.9 32.1 96.5
61 40.6 21.6 65.0

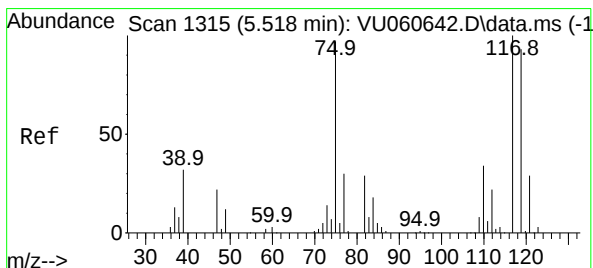
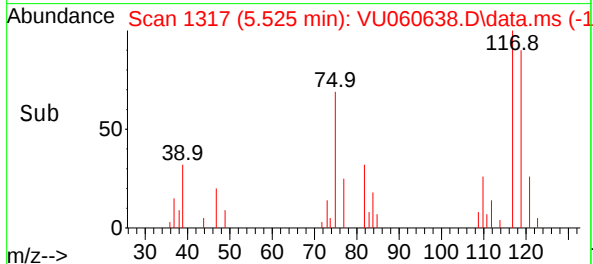
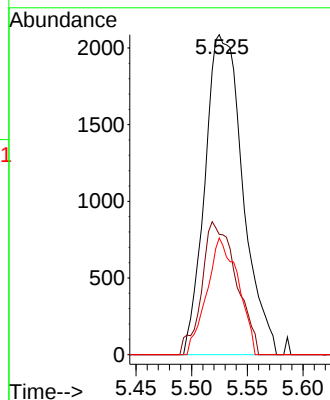
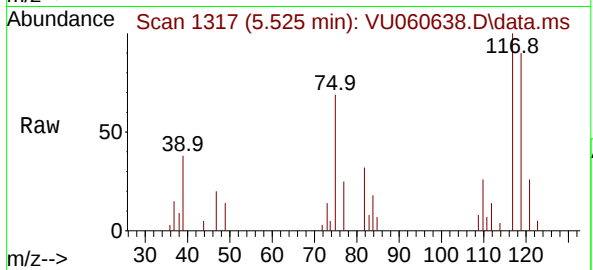




#29
1,1-Dichloropropene
Concen: 0.341 ug/l
RT: 5.525 min Scan# 1317
Delta R.T. 0.007 min
Lab File: VU060638.D
Acq: 06 Sep 2024 11:52

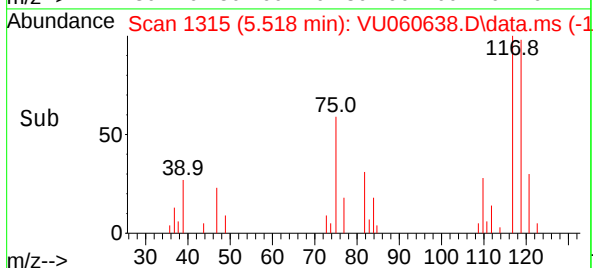
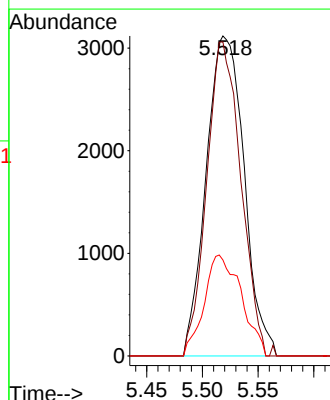
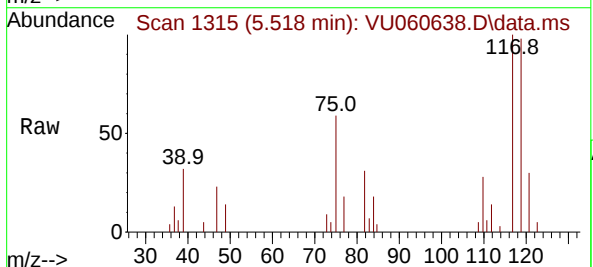
Instrument :
MSVOA_U
ClientSampleId :

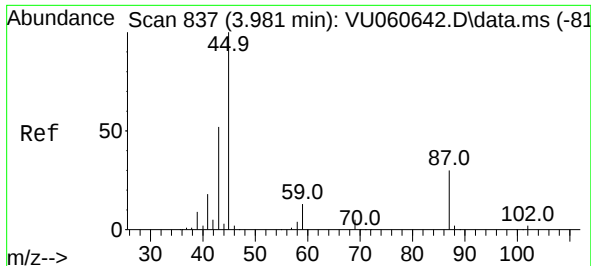
Tgt Ion: 75 Resp: 4934
Ion Ratio Lower Upper
75 100
110 37.7 17.3 52.0
77 30.2 25.0 37.4



#30
Carbon Tetrachloride
Concen: 0.496 ug/l
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU060638.D
Acq: 06 Sep 2024 11:52

Tgt Ion: 117 Resp: 7383
Ion Ratio Lower Upper
117 100
119 98.2 74.7 112.1
121 30.0 23.6 35.4

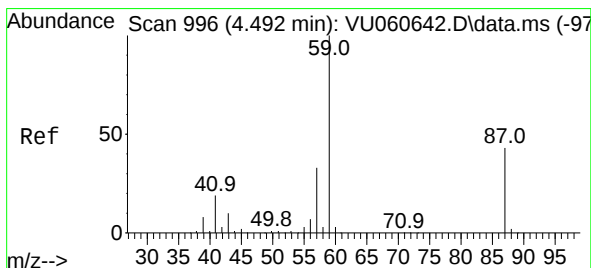
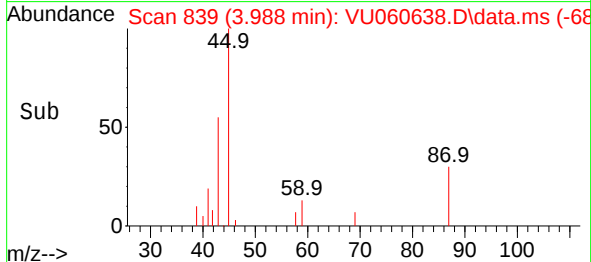
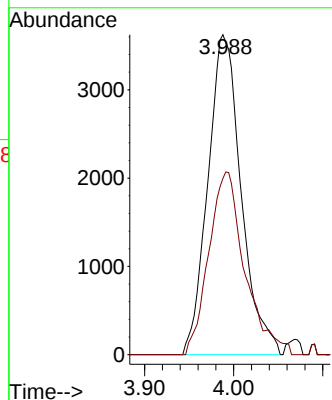
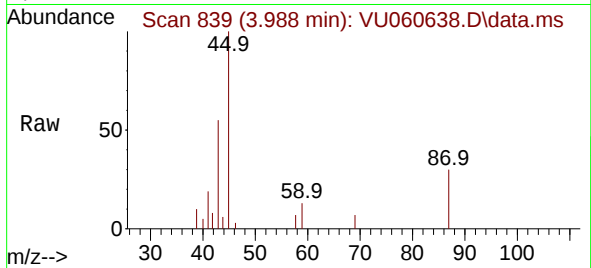




#31
Isopropyl Ether
Concen: 0.301 ug/l
RT: 3.988 min Scan# 841
Delta R.T. 0.007 min
Lab File: VU060638.D
Acq: 06 Sep 2024 11:52

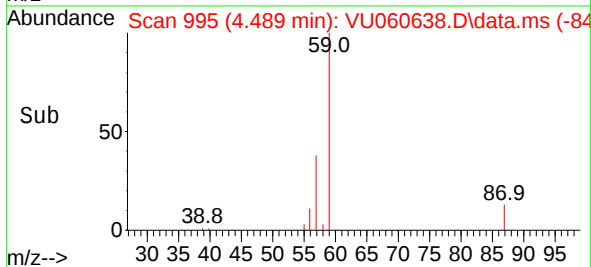
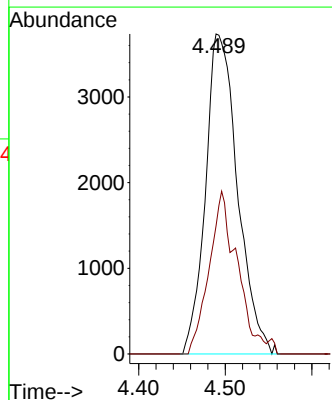
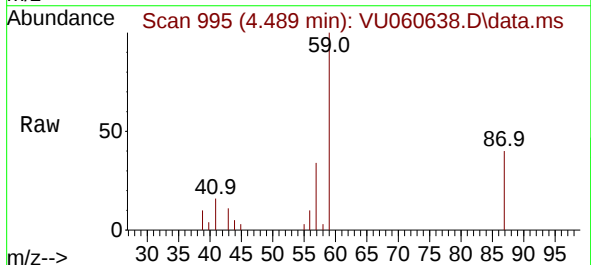
Instrument :
MSVOA_U
ClientSampleId :

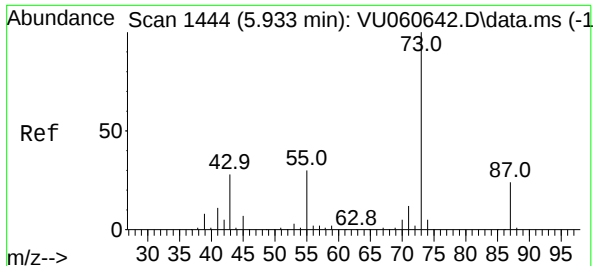
Tgt Ion: 45 Resp: 9410
Ion Ratio Lower Upper
45 100
43 61.8 25.9 77.7



#32
Ethyl-t-butyl ether
Concen: 0.316 ug/l
RT: 4.489 min Scan# 995
Delta R.T. -0.003 min
Lab File: VU060638.D
Acq: 06 Sep 2024 11:52

Tgt Ion: 59 Resp: 9607
Ion Ratio Lower Upper
59 100
87 41.2 33.6 50.4





#33

Tert-Amyl methyl ether

Concen: 0.320 ug/l

RT: 5.936 min Scan# 1444

Delta R.T. 0.003 min

Lab File: VU060638.D

Acq: 06 Sep 2024 11:52

Instrument :

MSVOA_U

ClientSampleId :

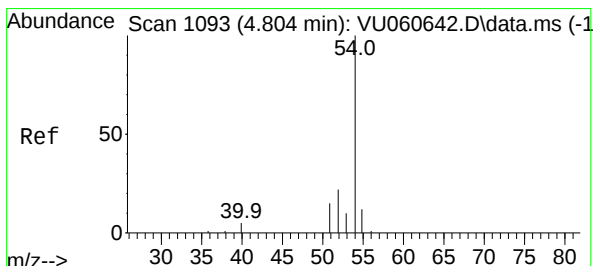
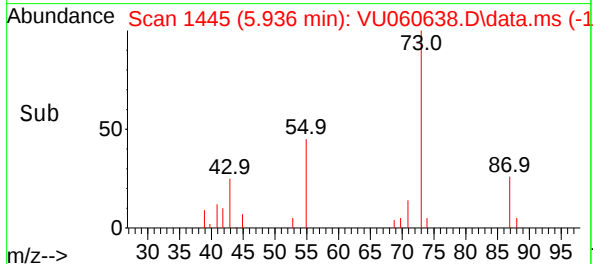
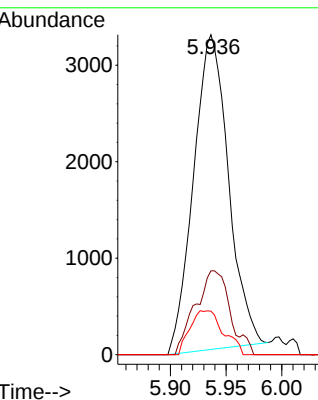
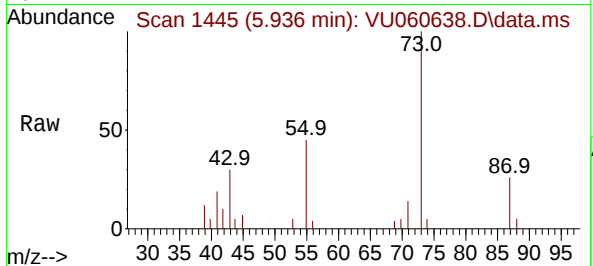
Tgt Ion: 73 Resp: 7115

Ion Ratio Lower Upper

73 100

87 26.6 19.8 29.8

71 13.4 9.2 13.8



#34

Propionitrile

Concen: 0.306 ug/l

RT: 4.837 min Scan# 1103

Delta R.T. 0.032 min

Lab File: VU060638.D

Acq: 06 Sep 2024 11:52

Tgt Ion: 54 Resp: 337

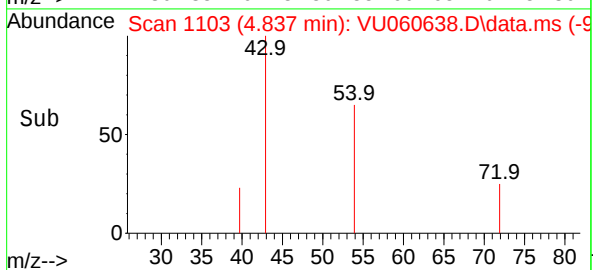
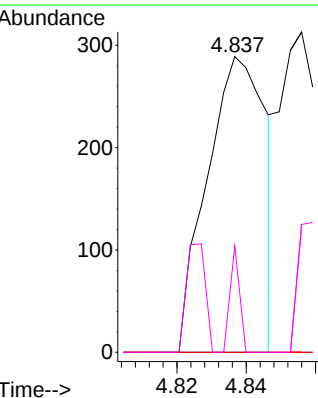
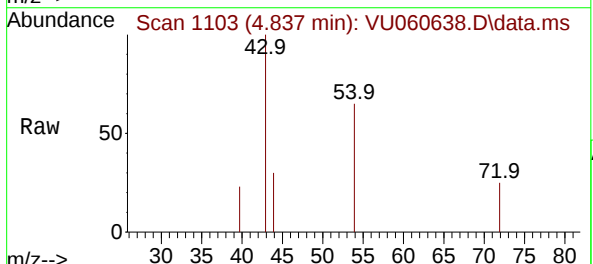
Ion Ratio Lower Upper

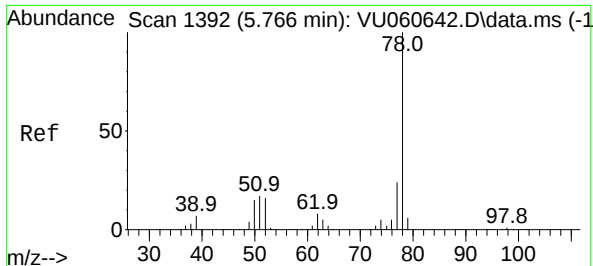
54 100

52 0.0 12.2 18.2#

55 0.0 3.5 5.3#

40 5.9 1.0 1.4#

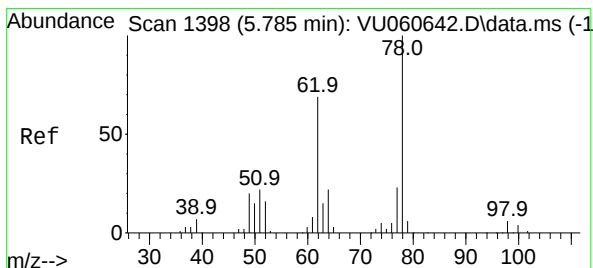
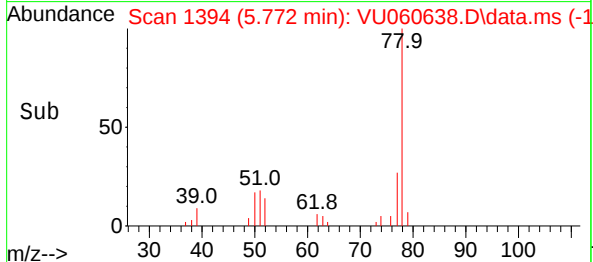
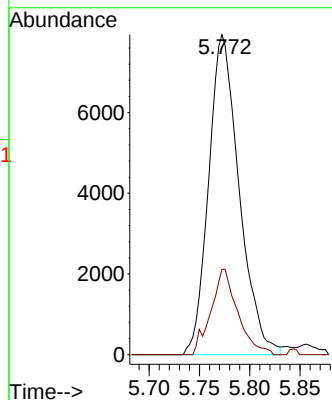
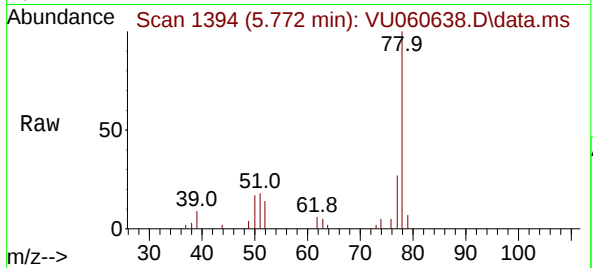




#35
Benzene
Concen: 0.382 ug/l
RT: 5.772 min Scan# 1400
Delta R.T. 0.007 min
Lab File: VU060638.D
Acq: 06 Sep 2024 11:52

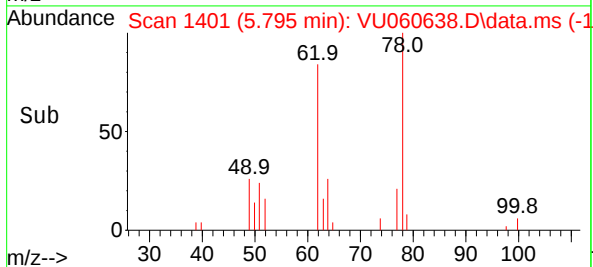
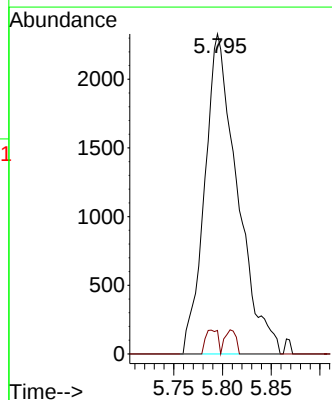
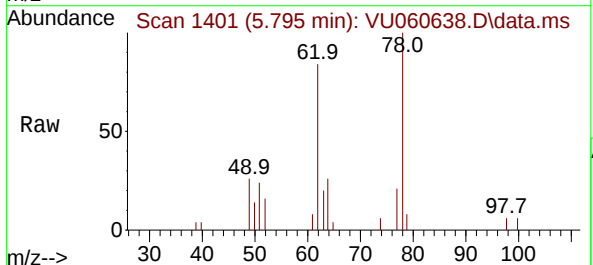
Instrument :
MSVOA_U
ClientSampleId :

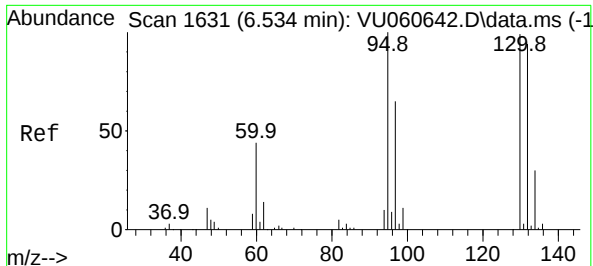
Tgt Ion: 78 Resp: 16754
Ion Ratio Lower Upper
78 100
77 26.7 19.4 29.2



#36
1,2-Dichloroethane
Concen: 0.437 ug/l
RT: 5.795 min Scan# 1401
Delta R.T. 0.010 min
Lab File: VU060638.D
Acq: 06 Sep 2024 11:52

Tgt Ion: 62 Resp: 5422
Ion Ratio Lower Upper
62 100
98 2.8 6.9 10.3#





#37

Trichloroethene

Concen: 0.421 ug/l

RT: 6.541 min Scan# 1

Delta R.T. 0.007 min

Lab File: VU060638.D

Acq: 06 Sep 2024 11:52

Instrument :

MSVOA_U

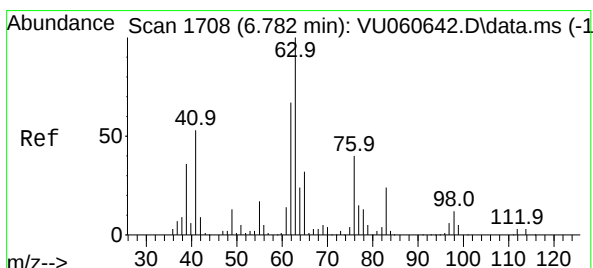
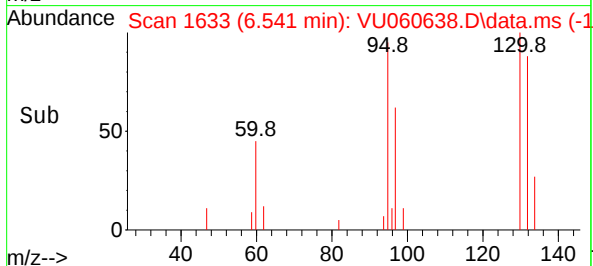
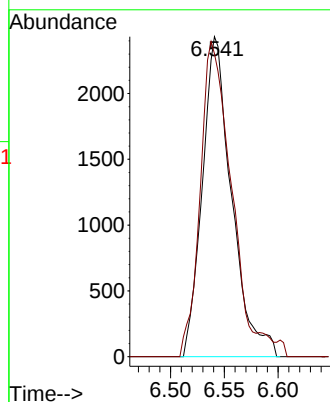
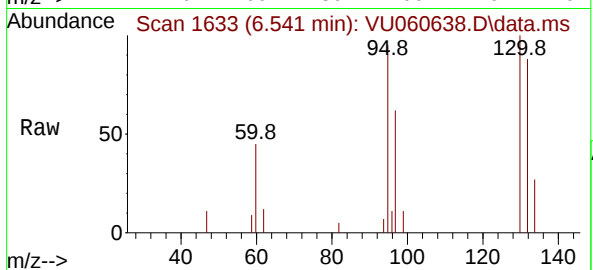
ClientSampleId :

Tgt Ion:130 Resp: 4610

Ion Ratio Lower Upper

130 100

95 94.7 80.9 121.3



#38

1,2-Dichloropropane

Concen: 0.390 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. 0.003 min

Lab File: VU060638.D

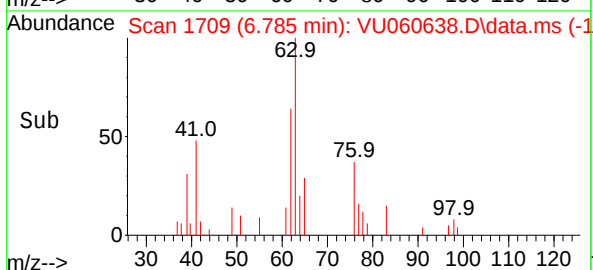
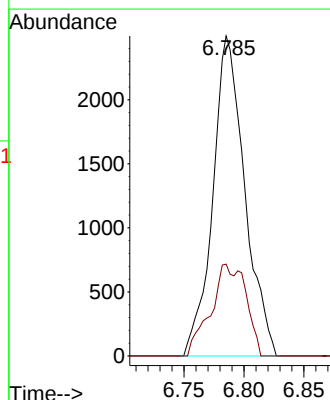
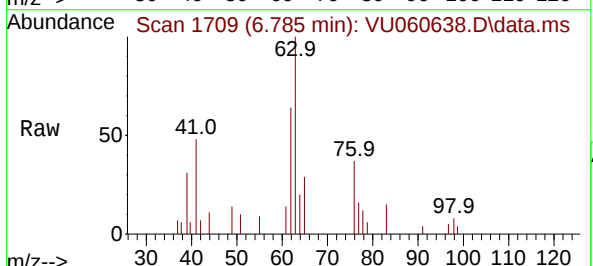
Acq: 06 Sep 2024 11:52

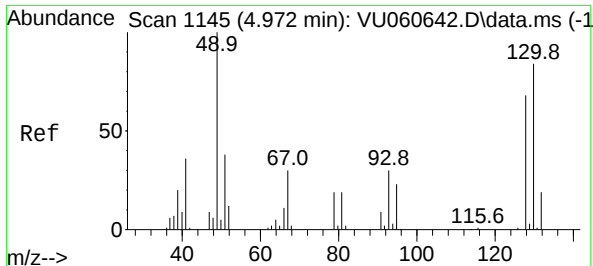
Tgt Ion: 63 Resp: 4615

Ion Ratio Lower Upper

63 100

65 28.7 25.8 38.6





#39

Methacrylonitrile

Concen: 0.160 ug/l

RT: 5.014 min Scan# 1158

Delta R.T. 0.042 min

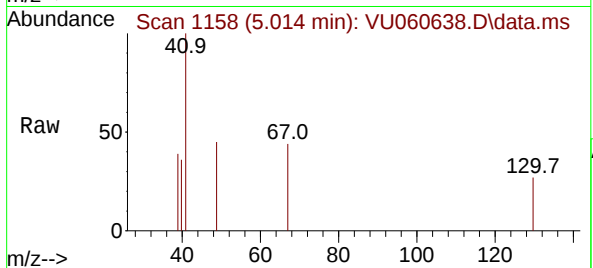
Lab File: VU060638.D

Acq: 06 Sep 2024 11:52

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 41 Resp: 629

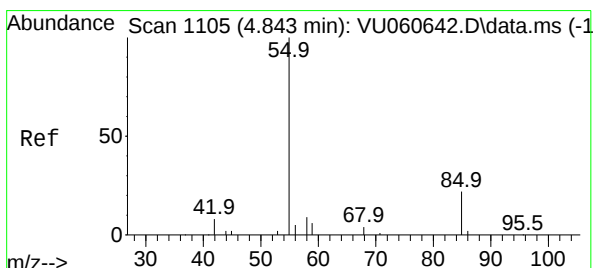
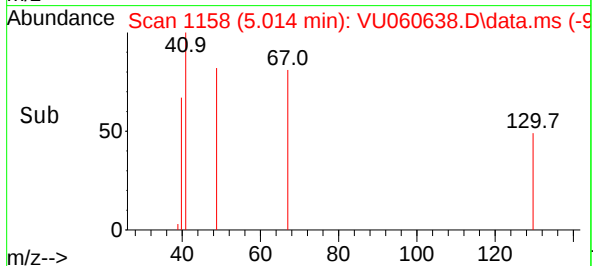
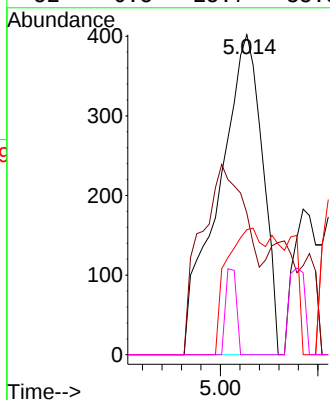
Ion Ratio Lower Upper

41 100

67 64.5 72.6 109.0#

39 33.9 42.8 64.2#

52 6.5 25.7 38.5#



#40

Methyl acrylate

Concen: 0.116 ug/l

RT: 4.911 min Scan# 1126

Delta R.T. 0.068 min

Lab File: VU060638.D

Acq: 06 Sep 2024 11:52

Tgt Ion: 55 Resp: 814

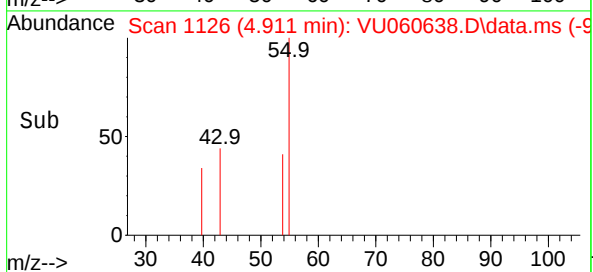
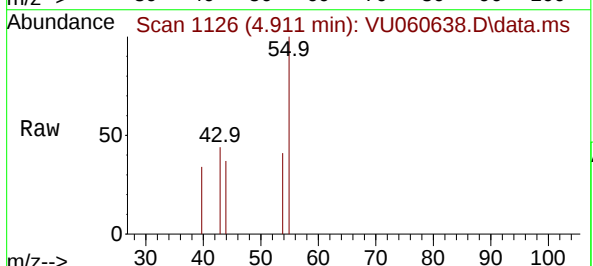
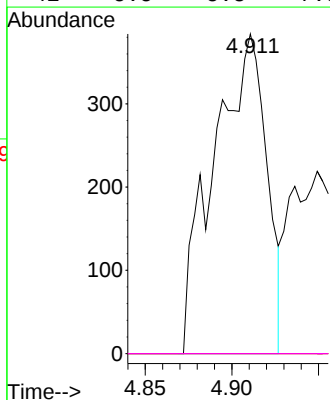
Ion Ratio Lower Upper

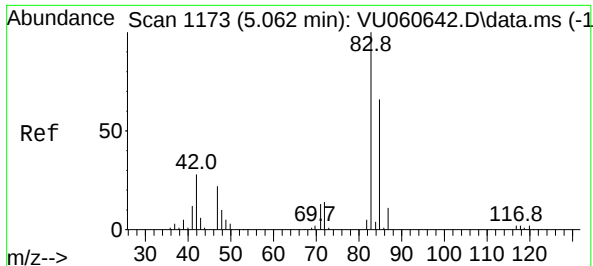
55 100

85 0.0 12.2 18.4#

58 0.0 6.3 9.5#

42 5.5 5.3 7.9





#41

Tetrahydrofuran

Concen: 0.020 ug/l

RT: 5.062 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VU060638.D

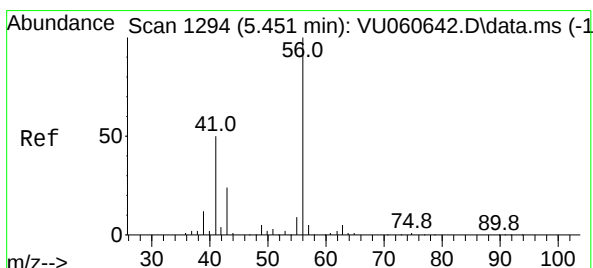
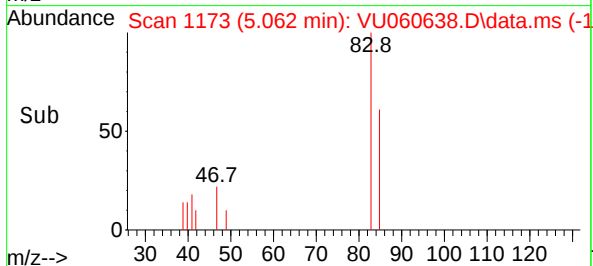
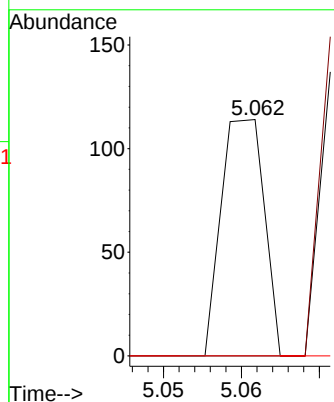
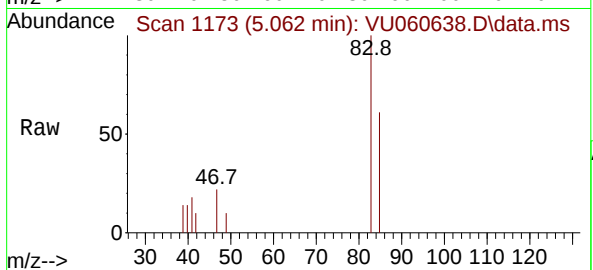
Acq: 06 Sep 2024 11:52

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	42	Resp:	44
Ion Ratio	Lower	Upper	
42	100		
72	0.0	40.4	60.6#
71	0.0	33.8	50.6#



#42

1-Chlorobutane

Concen: 0.372 ug/l

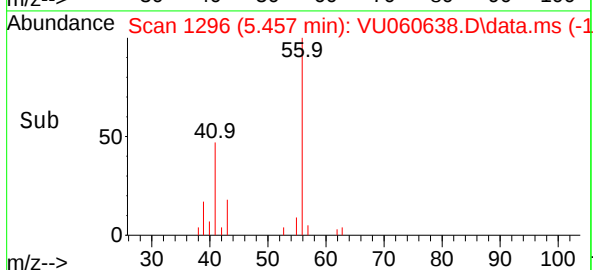
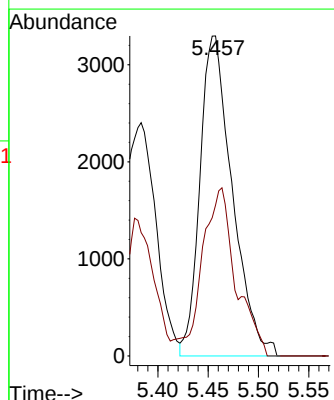
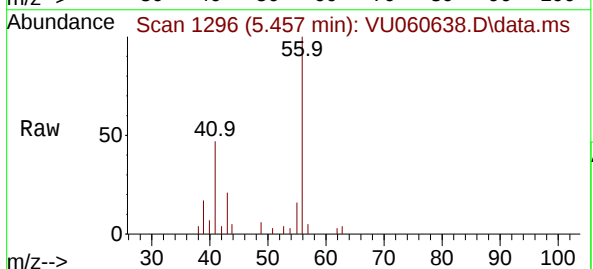
RT: 5.457 min Scan# 1296

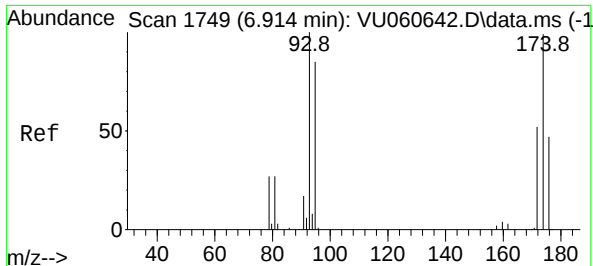
Delta R.T. 0.007 min

Lab File: VU060638.D

Acq: 06 Sep 2024 11:52

Tgt Ion:	56	Resp:	7361
Ion Ratio	Lower	Upper	
56	100		
41	53.4	24.9	74.6





#43

Dibromomethane

Concen: 0.423 ug/l

RT: 6.917 min Scan# 1

Delta R.T. 0.003 min

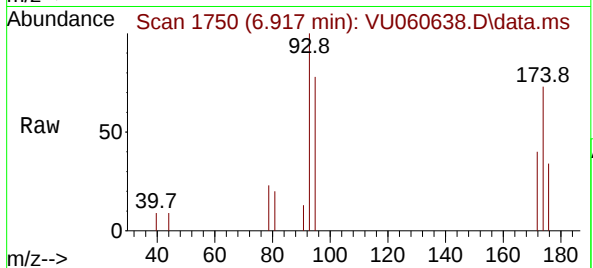
Lab File: VU060638.D

Acq: 06 Sep 2024 11:52

Instrument :

MSVOA_U

ClientSampleId :



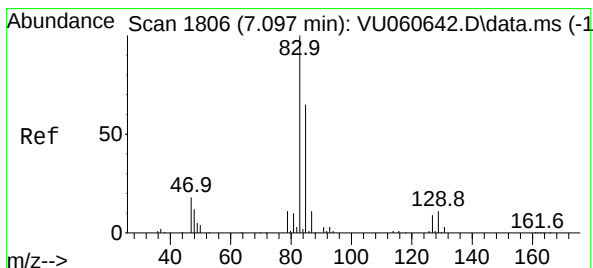
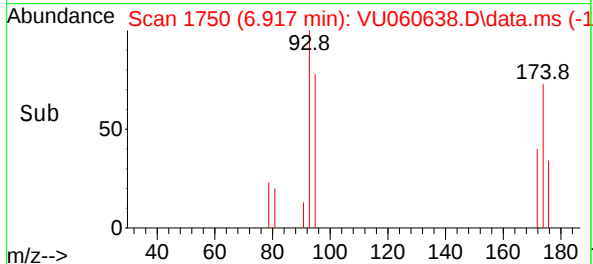
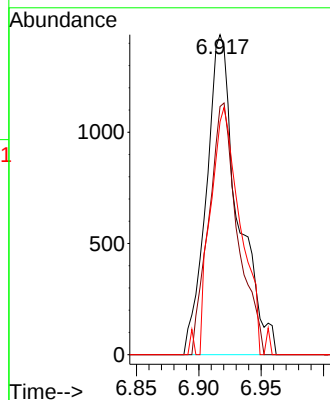
Tgt Ion: 93 Resp: 2538

Ion Ratio Lower Upper

93 100

95 72.2 66.1 99.1

174 73.2 76.2 114.4#



#44

Bromodichloromethane

Concen: 0.433 ug/l

RT: 7.100 min Scan# 1807

Delta R.T. 0.003 min

Lab File: VU060638.D

Acq: 06 Sep 2024 11:52

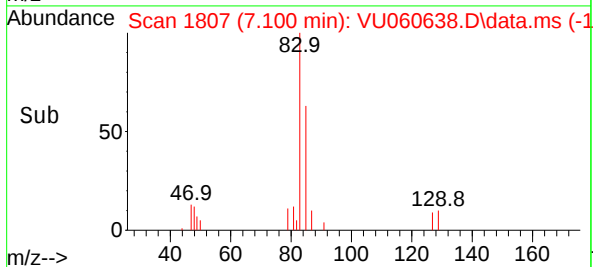
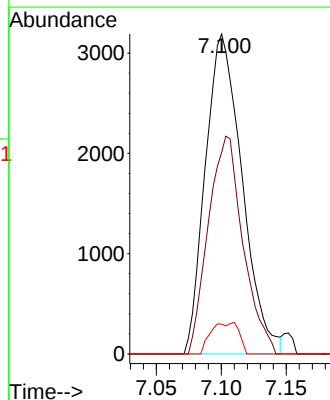
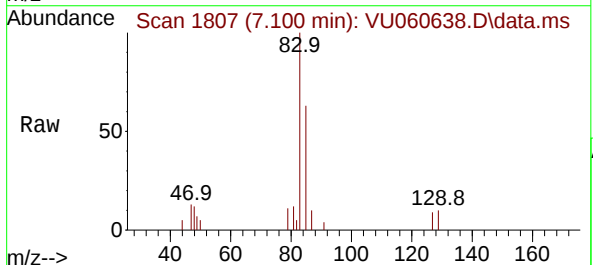
Tgt Ion: 83 Resp: 6276

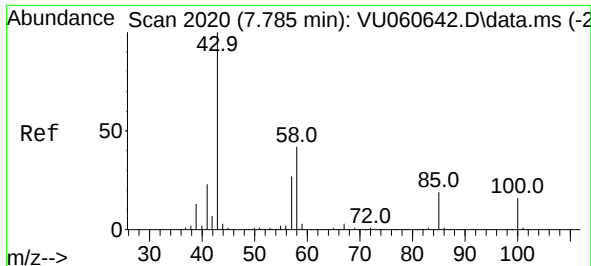
Ion Ratio Lower Upper

83 100

85 63.0 52.2 78.4

127 9.3 8.1 12.1

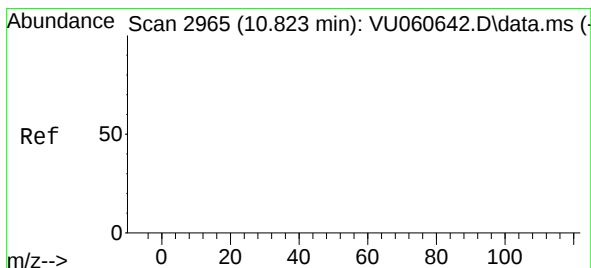
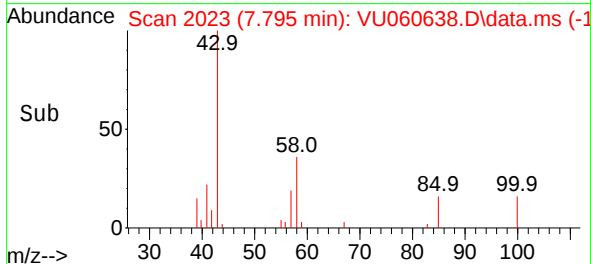
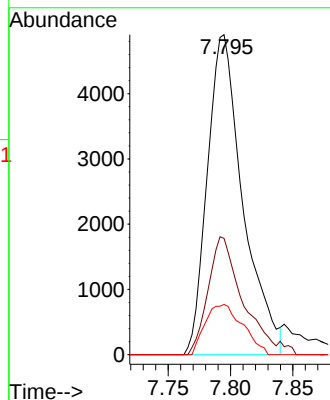
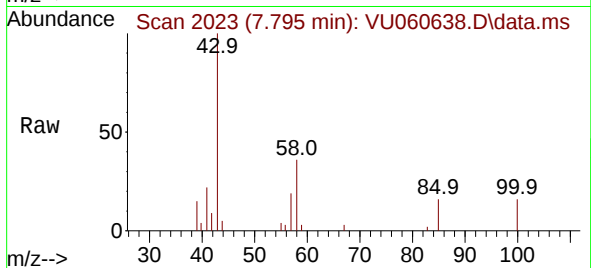




#45
4-Methyl-2-Pentanone
Concen: 1.708 ug/l
RT: 7.795 min Scan# 2020
Delta R.T. 0.010 min
Lab File: VU060638.D
Acq: 06 Sep 2024 11:52

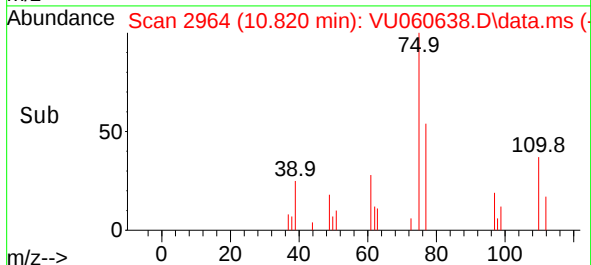
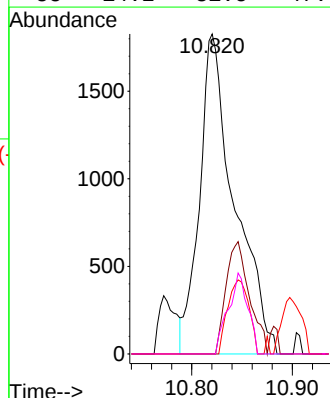
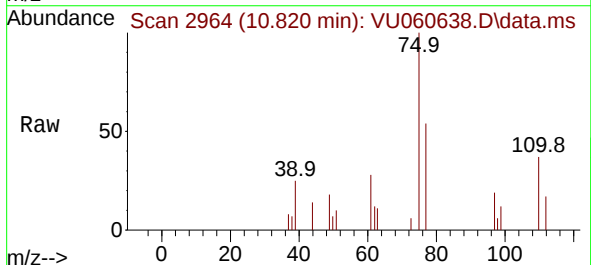
Instrument :
MSVOA_U
ClientSampleId :

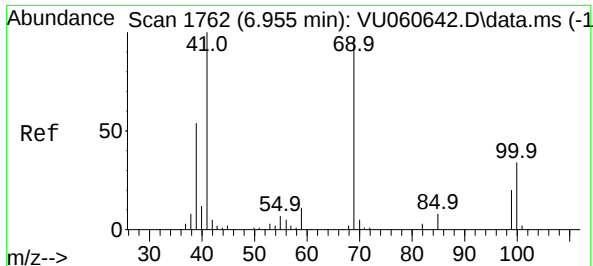
Tgt Ion:	43	Resp:	9742
Ion	Ratio	Lower	Upper
43	100		
58	36.4	21.2	63.6
85	16.6	15.2	22.8



#46
t-1,4-Dichloro-2-butene
Concen: 1.396 ug/l
RT: 10.820 min Scan# 2964
Delta R.T. -0.003 min
Lab File: VU060638.D
Acq: 06 Sep 2024 11:52

Tgt Ion:	75	Resp:	4415
Ion	Ratio	Lower	Upper
75	100		
53	23.4	55.5	83.3#
89	14.0	36.8	55.2#
88	14.2	31.5	47.3#

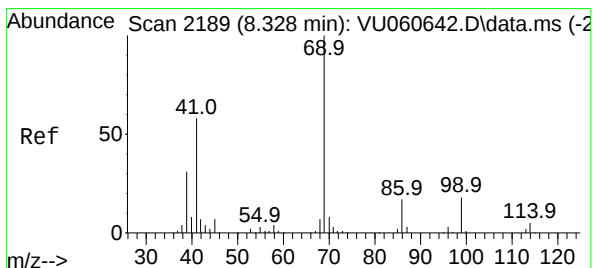
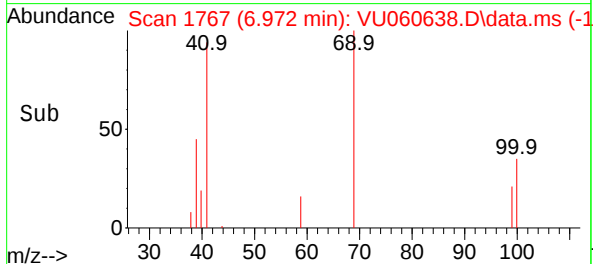
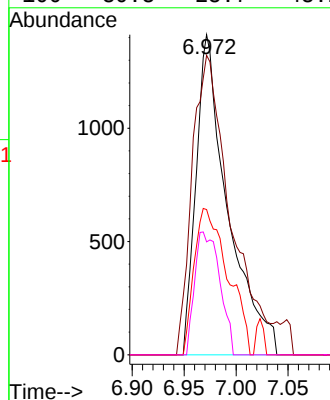
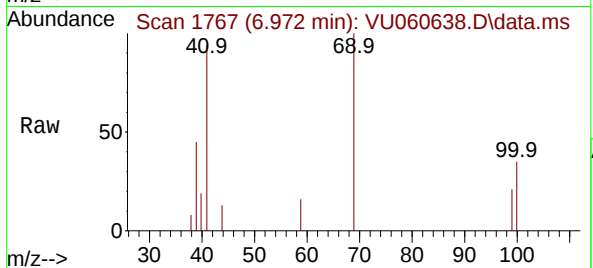




#47
Methyl methacrylate
Concen: 0.616 ug/l
RT: 6.972 min Scan# 1
Delta R.T. 0.016 min
Lab File: VU060638.D
Acq: 06 Sep 2024 11:52

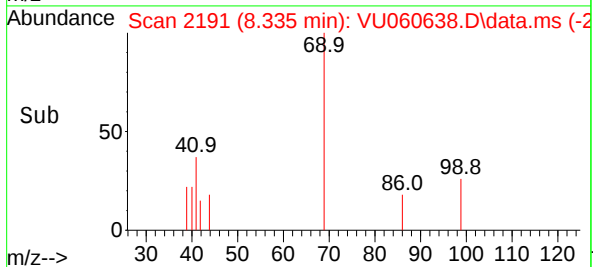
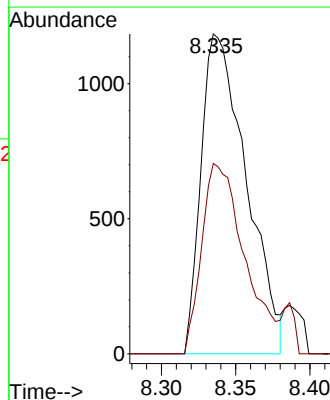
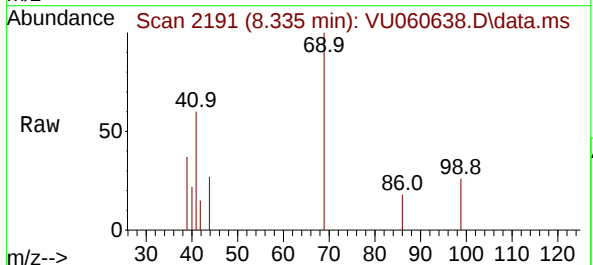
Instrument :
MSVOA_U
ClientSampleId :

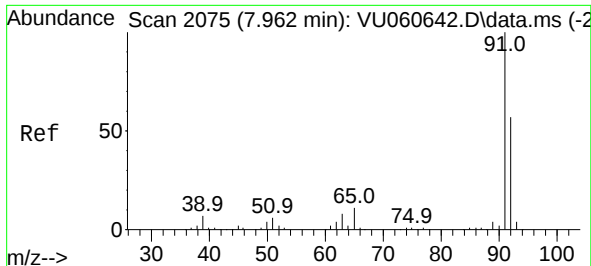
Tgt Ion:	69	Resp:	2994
Ion	Ratio	Lower	Upper
69	100		
41	113.3	0.0	211.8
39	48.5	45.1	67.7
100	30.3	28.7	43.1



#48
Ethyl methacrylate
Concen: 0.299 ug/l
RT: 8.335 min Scan# 2191
Delta R.T. 0.007 min
Lab File: VU060638.D
Acq: 06 Sep 2024 11:52

Tgt Ion:	69	Resp:	2500
Ion	Ratio	Lower	Upper
69	100		
41	56.1	28.9	86.7





#49

Toluene

Concen: 0.370 ug/l

RT: 7.968 min Scan# 2075

Delta R.T. 0.007 min

Lab File: VU060638.D

Acq: 06 Sep 2024 11:52

Instrument :

MSVOA_U

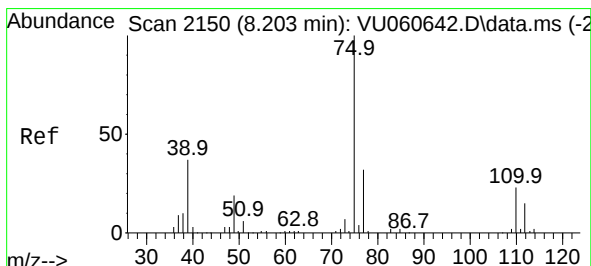
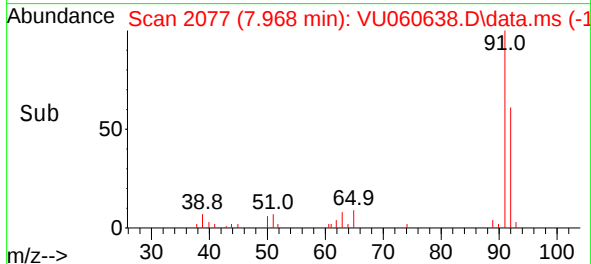
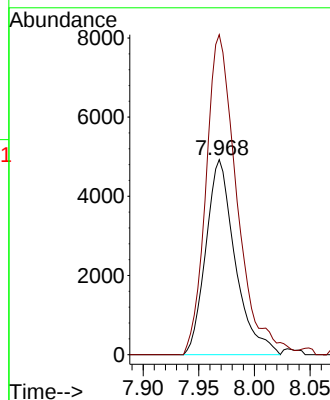
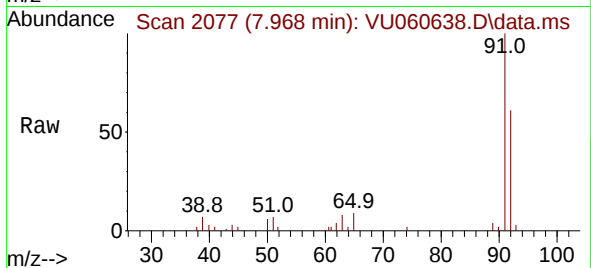
ClientSampleId :

Tgt Ion: 92 Resp: 9007

Ion Ratio Lower Upper

92 100

91 172.9 140.4 210.6



#50

t-1,3-Dichloropropene

Concen: 0.382 ug/l

RT: 8.210 min Scan# 2152

Delta R.T. 0.007 min

Lab File: VU060638.D

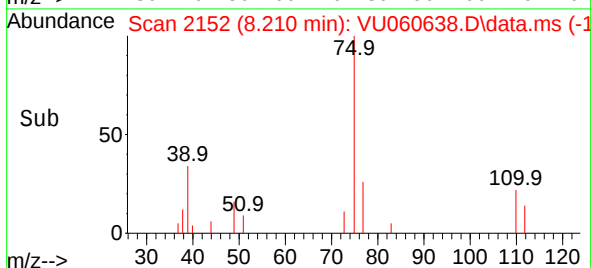
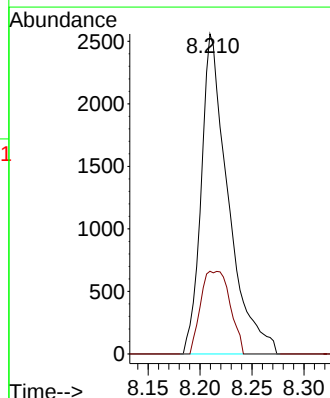
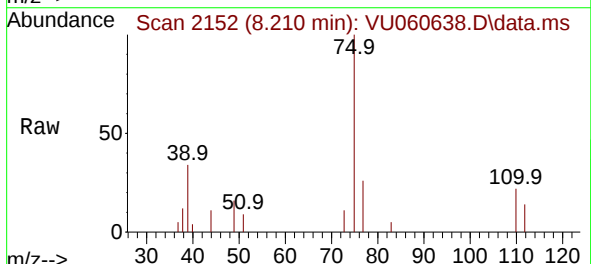
Acq: 06 Sep 2024 11:52

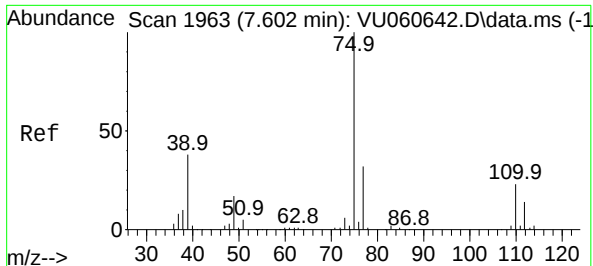
Tgt Ion: 75 Resp: 4613

Ion Ratio Lower Upper

75 100

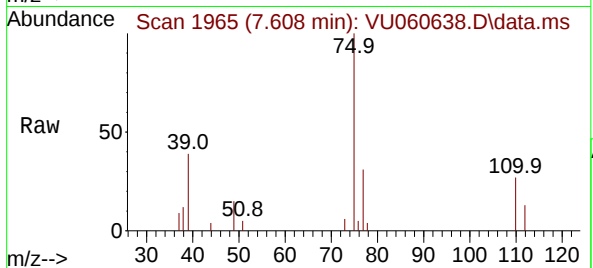
77 25.8 25.2 37.8



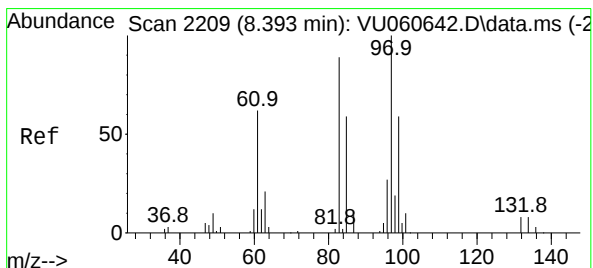
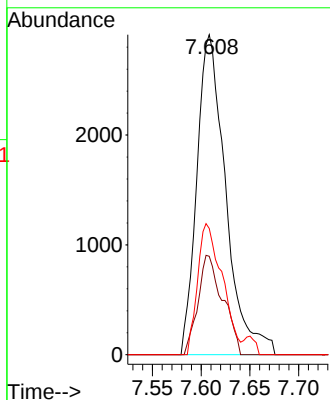
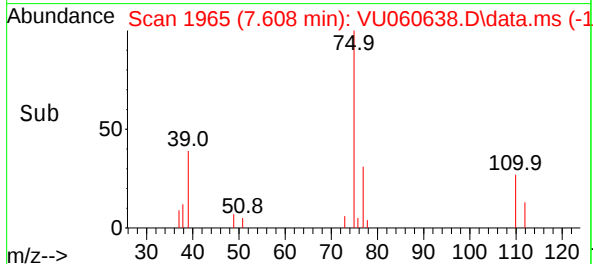


#51
 cis-1,3-Dichloropropene
 Concen: 0.414 ug/l
 RT: 7.608 min Scan# 1963
 Delta R.T. 0.007 min
 Lab File: VU060638.D
 Acq: 06 Sep 2024 11:52

Instrument :
 MSVOA_U
 ClientSampleId :

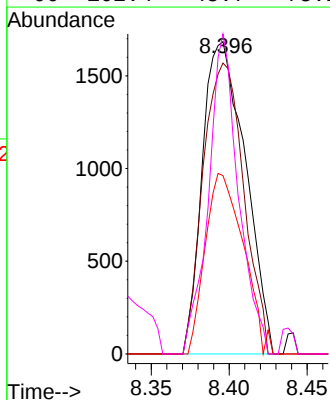
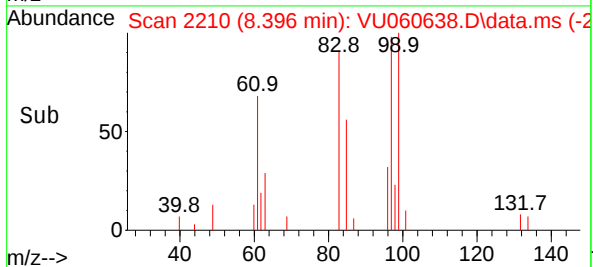
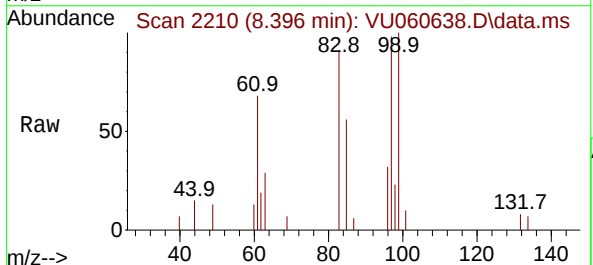


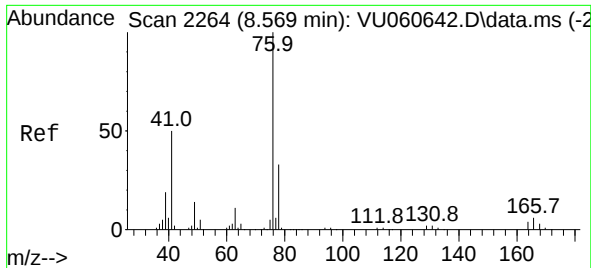
Tgt Ion: 75 Resp: 6004
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.4 38.2
 39 39.5 30.7 46.1



#52
 1,1,2-Trichloroethane
 Concen: 0.368 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.003 min
 Lab File: VU060638.D
 Acq: 06 Sep 2024 11:52

Tgt Ion: 97 Resp: 3214
 Ion Ratio Lower Upper
 97 100
 83 93.1 71.4 107.2
 85 57.1 46.9 70.3
 99 102.4 48.7 73.1#

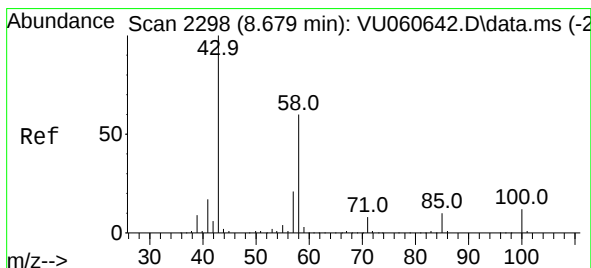
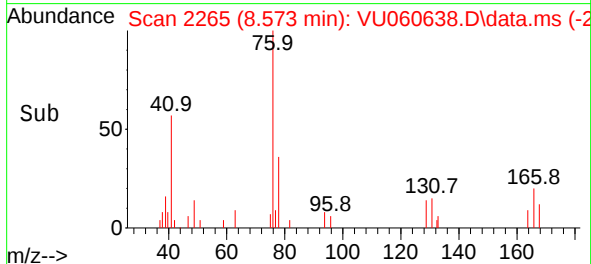
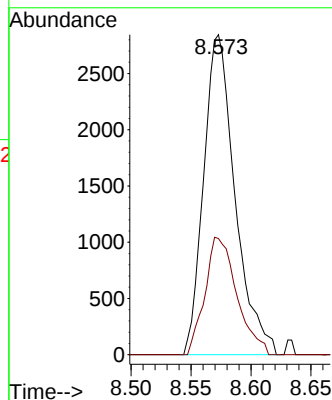
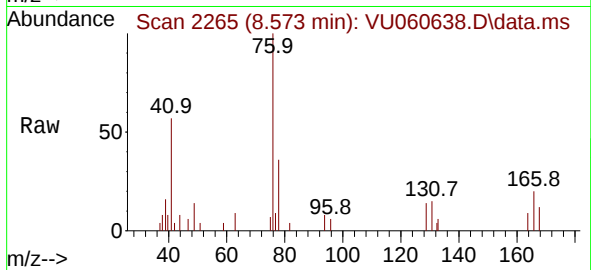




#53
1,3-Dichloropropane
Concen: 0.368 ug/l
RT: 8.573 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060638.D
Acq: 06 Sep 2024 11:52

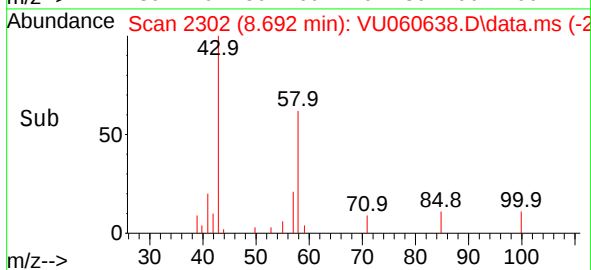
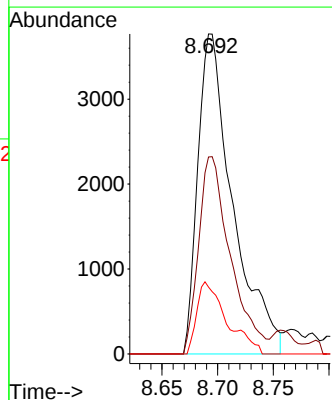
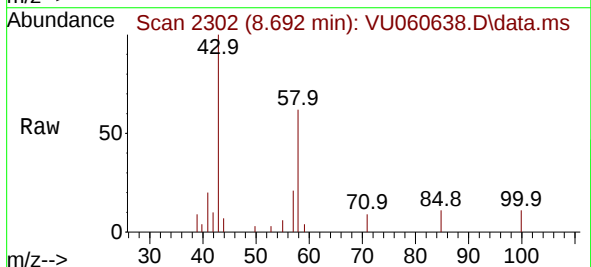
Instrument :
MSVOA_U
ClientSampleId :

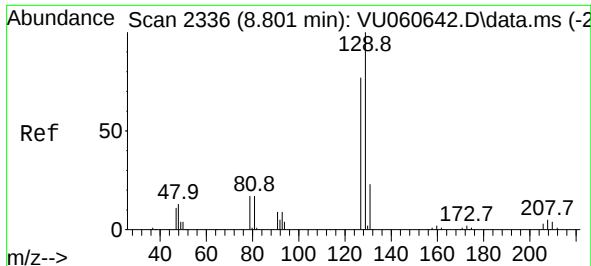
Tgt Ion: 76 Resp: 5171
Ion Ratio Lower Upper
76 100
78 37.4 26.3 39.5



#54
2-Hexanone
Concen: 1.787 ug/l
RT: 8.692 min Scan# 2302
Delta R.T. 0.013 min
Lab File: VU060638.D
Acq: 06 Sep 2024 11:52

Tgt Ion: 43 Resp: 8226
Ion Ratio Lower Upper
43 100
58 56.6 39.5 79.5
57 19.3 0.5 40.5

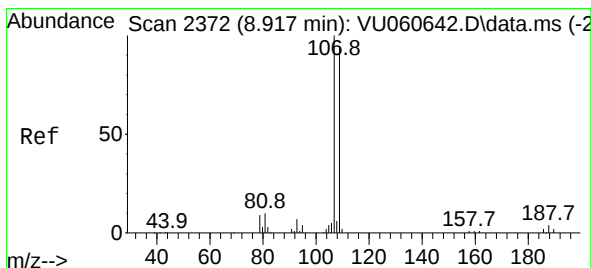
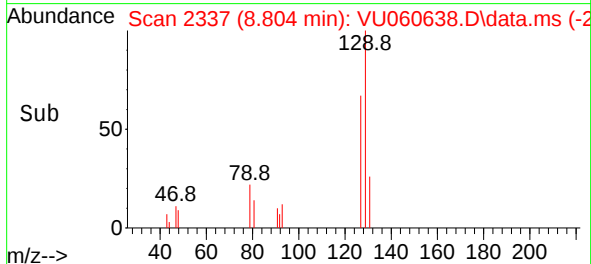
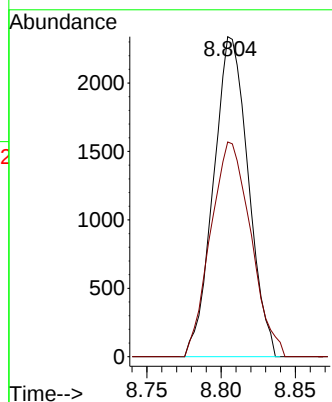
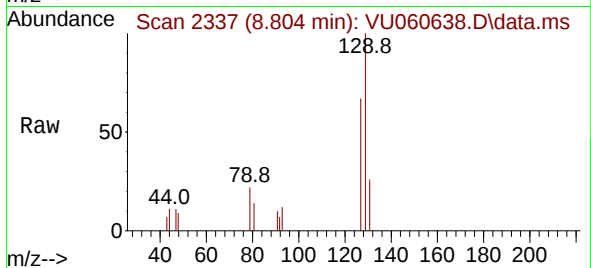




#55
Dibromochloromethane
Concen: 0.390 ug/l
RT: 8.804 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VU060638.D
Acq: 06 Sep 2024 11:52

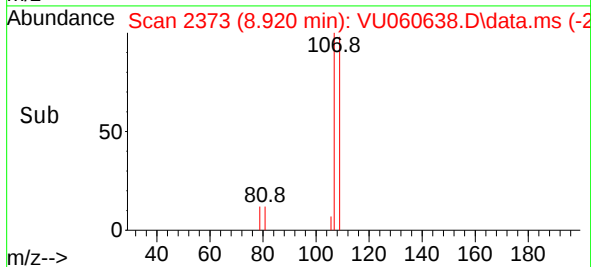
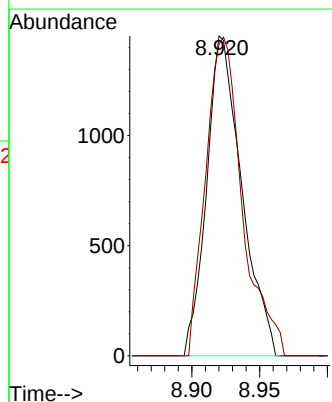
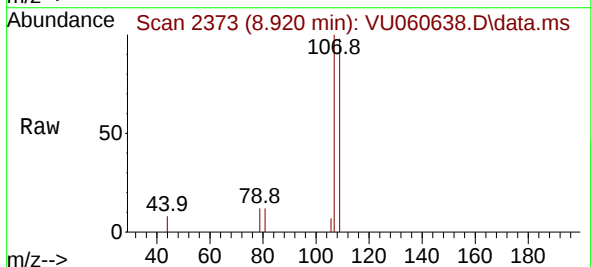
Instrument :
MSVOA_U
ClientSampleId :

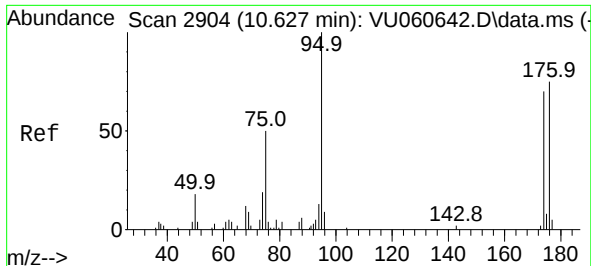
Tgt Ion:129 Resp: 3810
Ion Ratio Lower Upper
129 100
127 77.7 60.6 91.0



#56
1,2-Dibromoethane
Concen: 0.334 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU060638.D
Acq: 06 Sep 2024 11:52

Tgt Ion:107 Resp: 2612
Ion Ratio Lower Upper
107 100
109 104.2 0.0 190.6





#57

4-Bromofluorobenzene

Concen: 1.073 ug/l

RT: 10.631 min Scan# 2905

Delta R.T. 0.003 min

Lab File: VU060638.D

Acq: 06 Sep 2024 11:52

Instrument :

MSVOA_U

ClientSampleId :

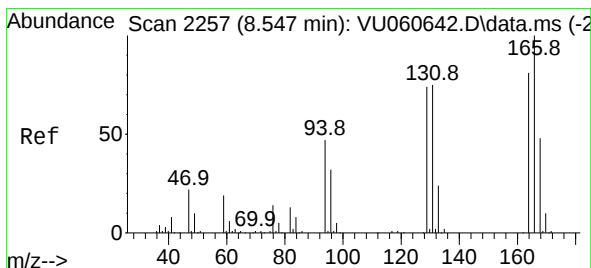
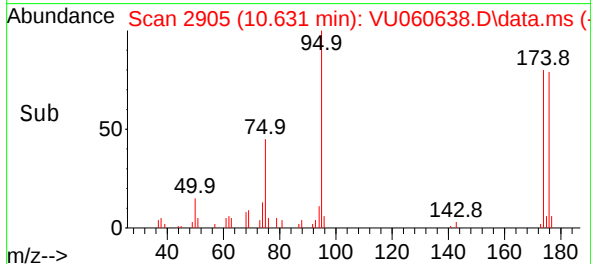
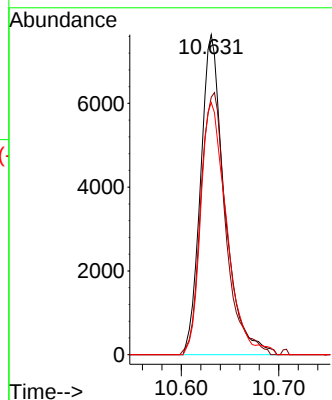
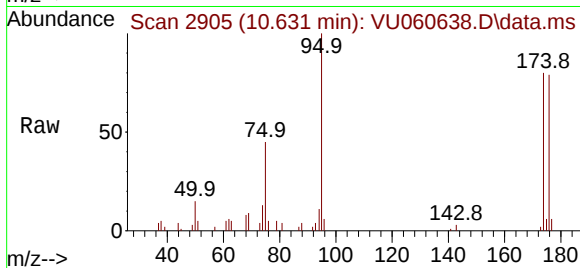
Tgt Ion: 95 Resp: 13107

Ion Ratio Lower Upper

95 100

174 86.0 63.2 94.8

176 84.9 62.8 94.2



#58

Tetrachloroethene

Concen: 0.430 ug/l

RT: 8.554 min Scan# 2259

Delta R.T. 0.007 min

Lab File: VU060638.D

Acq: 06 Sep 2024 11:52

Tgt Ion:164 Resp: 4263

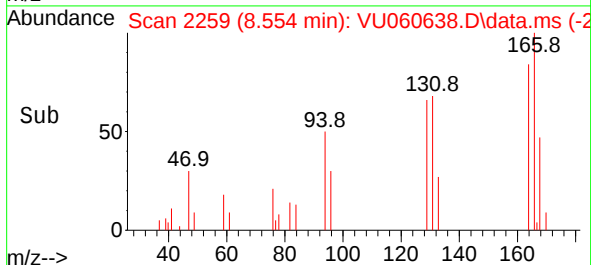
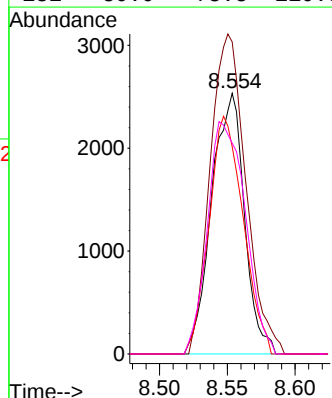
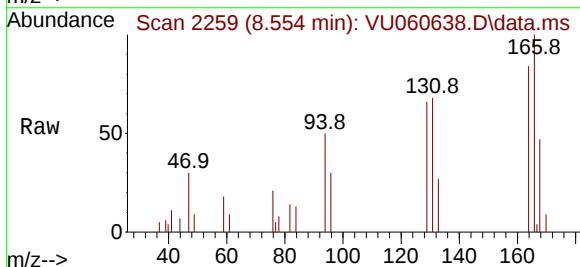
Ion Ratio Lower Upper

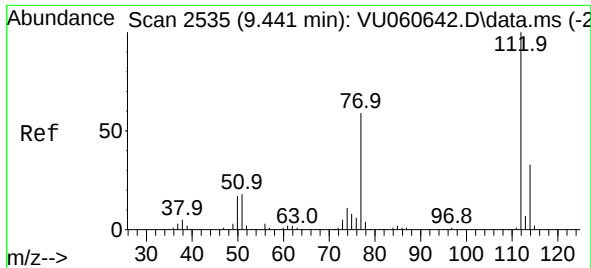
164 100

166 119.7 98.5 147.7

129 79.5 73.0 109.6

131 80.9 73.8 110.8





#59

Chlorobenzene

Concen: 0.397 ug/l

RT: 9.447 min Scan# 2535

Delta R.T. 0.007 min

Lab File: VU060638.D

Acq: 06 Sep 2024 11:52

Instrument :

MSVOA_U

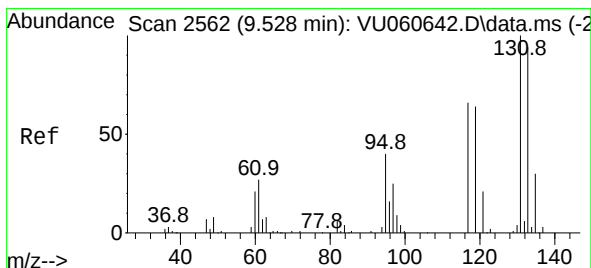
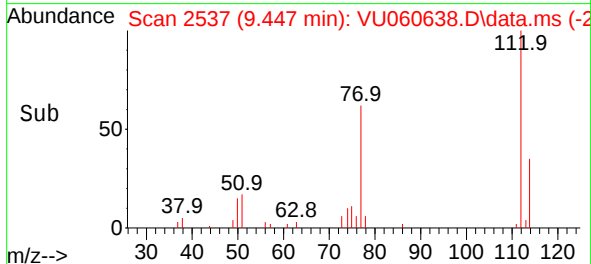
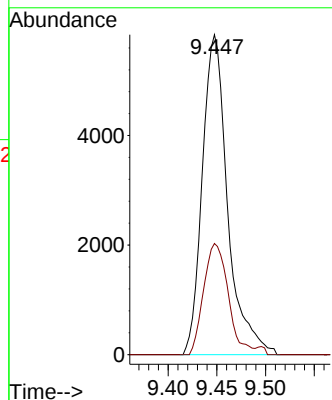
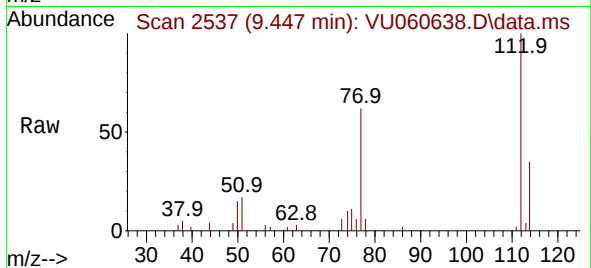
ClientSampleId :

Tgt Ion:112 Resp: 10565

Ion Ratio Lower Upper

112 100

114 34.8 26.2 39.2



#60

1,1,1,2-Tetrachloroethane

Concen: 0.431 ug/l

RT: 9.528 min Scan# 2562

Delta R.T. 0.000 min

Lab File: VU060638.D

Acq: 06 Sep 2024 11:52

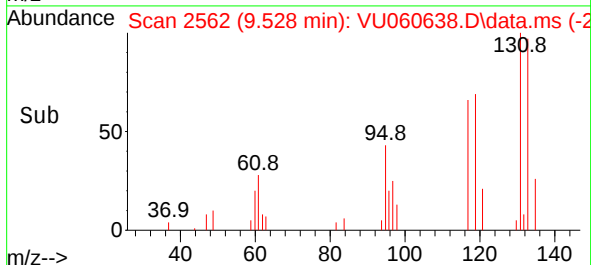
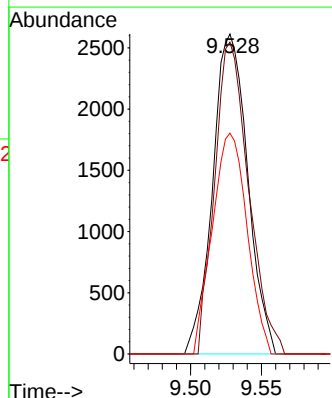
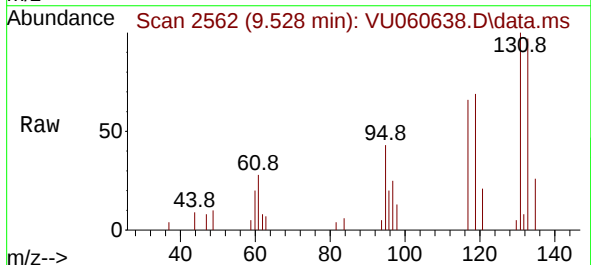
Tgt Ion:131 Resp: 4498

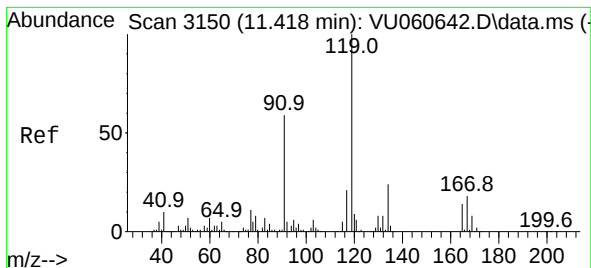
Ion Ratio Lower Upper

131 100

133 94.3 76.7 115.1

119 68.5 52.6 79.0

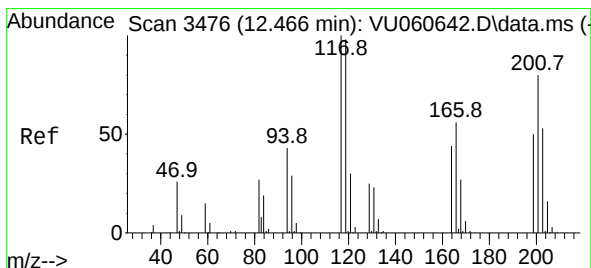
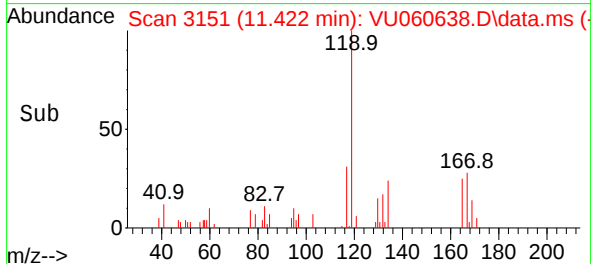
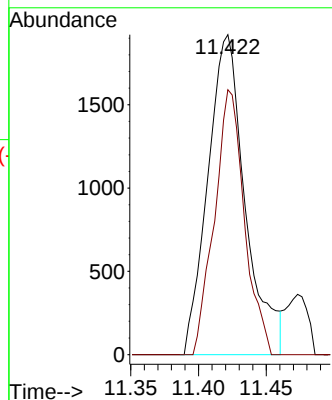
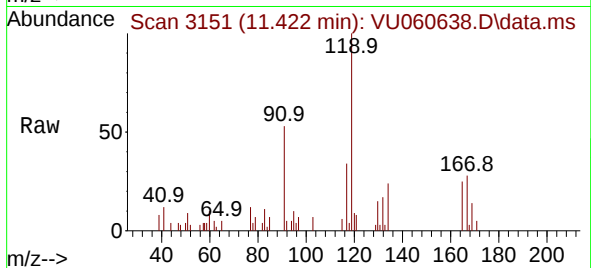




#61
Pentachloroethane
Concen: 0.421 ug/l
RT: 11.422 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU060638.D
Acq: 06 Sep 2024 11:52

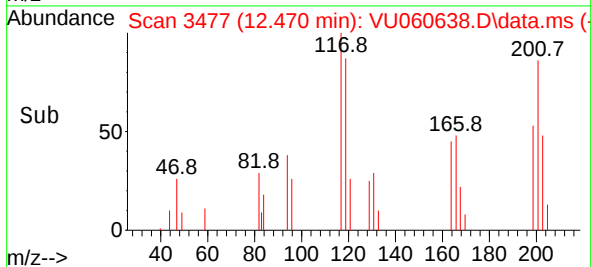
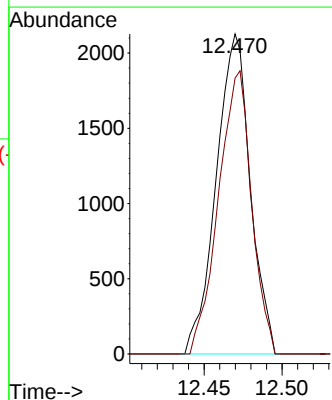
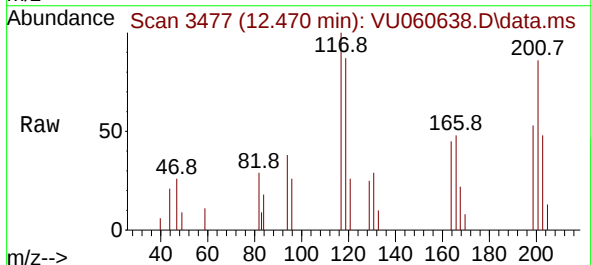
Instrument :
MSVOA_U
ClientSampleId :

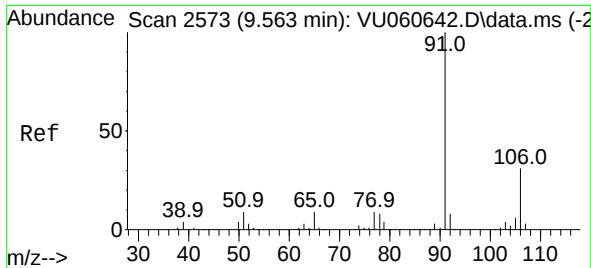
Tgt Ion:117 Resp: 3685
Ion Ratio Lower Upper
117 100
167 66.2 65.3 97.9



#62
Hexachloroethane
Concen: 0.379 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. 0.003 min
Lab File: VU060638.D
Acq: 06 Sep 2024 11:52

Tgt Ion:117 Resp: 3233
Ion Ratio Lower Upper
117 100
201 86.0 65.0 97.6

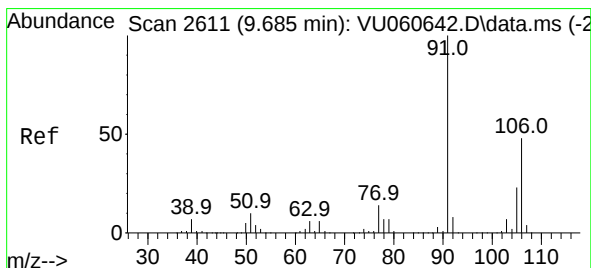
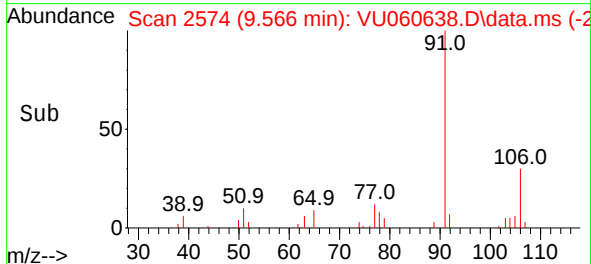
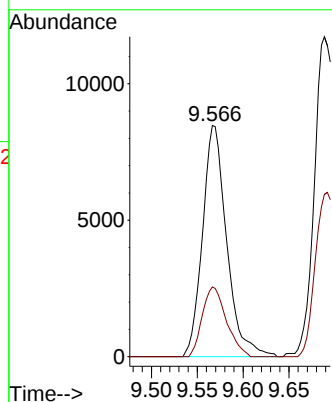
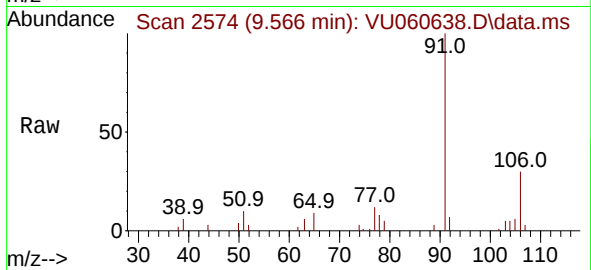




#63
Ethyl Benzene
Concen: 0.373 ug/l
RT: 9.566 min Scan# 2574
Delta R.T. 0.003 min
Lab File: VU060638.D
Acq: 06 Sep 2024 11:52

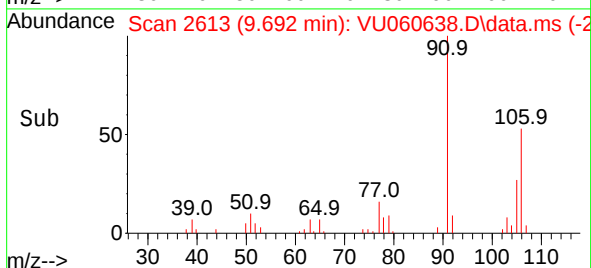
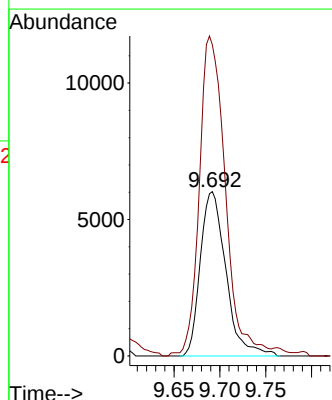
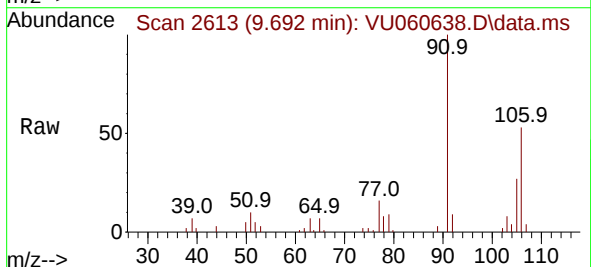
Instrument :
MSVOA_U
ClientSampleId :

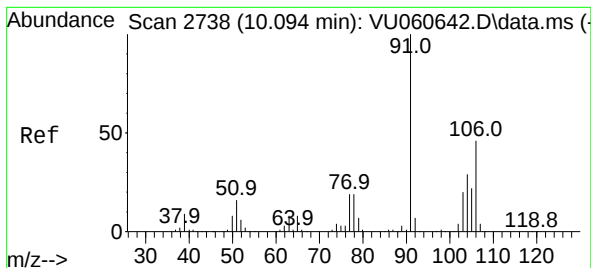
Tgt Ion: 91 Resp: 15535
Ion Ratio Lower Upper
91 100
106 30.2 24.9 37.3



#64
m/p-Xylenes
Concen: 0.709 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. 0.007 min
Lab File: VU060638.D
Acq: 06 Sep 2024 11:52

Tgt Ion:106 Resp: 11700
Ion Ratio Lower Upper
106 100
91 196.9 165.2 247.8





#65

o-Xylene

Concen: 0.323 ug/l

RT: 10.097 min Scan# 2738

Delta R.T. 0.003 min

Lab File: VU060638.D

Acq: 06 Sep 2024 11:52

Instrument :

MSVOA_U

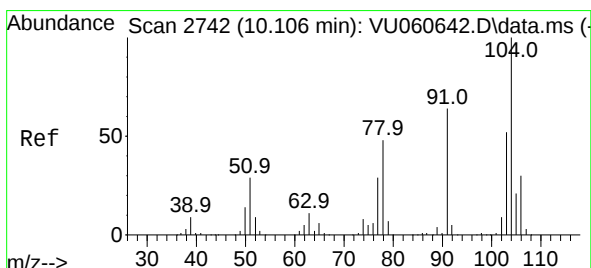
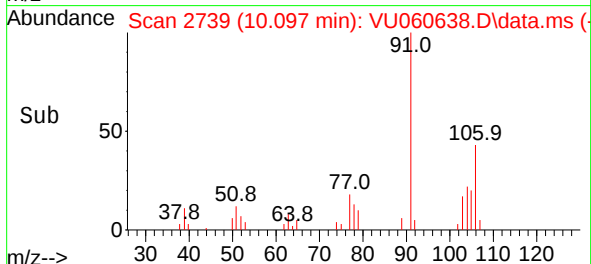
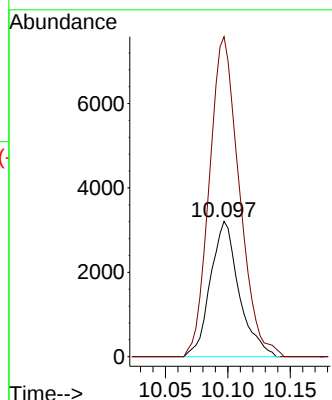
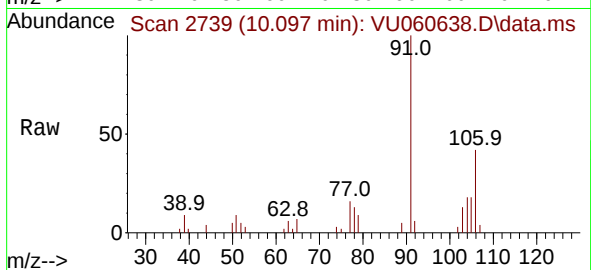
ClientSampleId :

Tgt Ion:106 Resp: 5129

Ion Ratio Lower Upper

106 100

91 247.1 107.9 323.8



#66

Styrene

Concen: 0.324 ug/l

RT: 10.113 min Scan# 2744

Delta R.T. 0.007 min

Lab File: VU060638.D

Acq: 06 Sep 2024 11:52

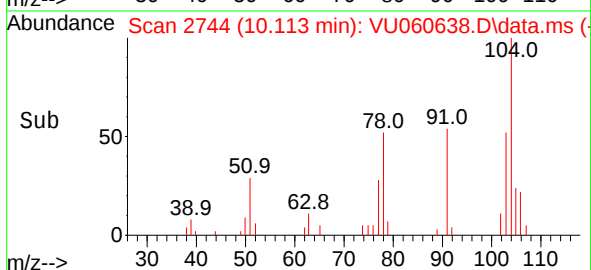
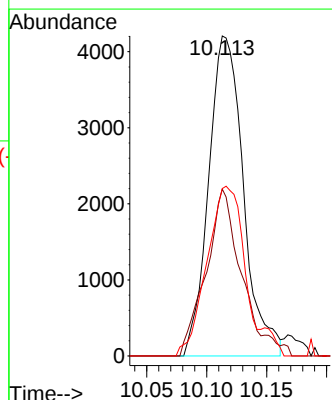
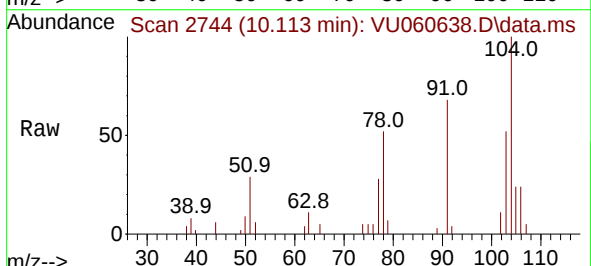
Tgt Ion:104 Resp: 8484

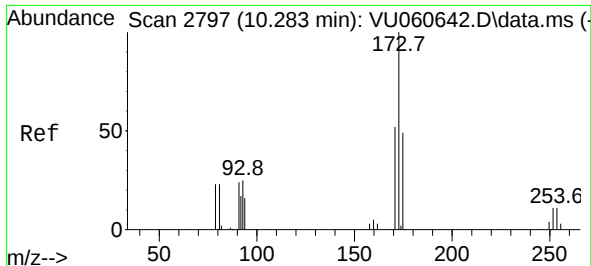
Ion Ratio Lower Upper

104 100

78 53.5 41.5 62.3

103 59.3 45.3 67.9





#67

Bromoform

Concen: 0.353 ug/l

RT: 10.290 min Scan# 21

Delta R.T. 0.007 min

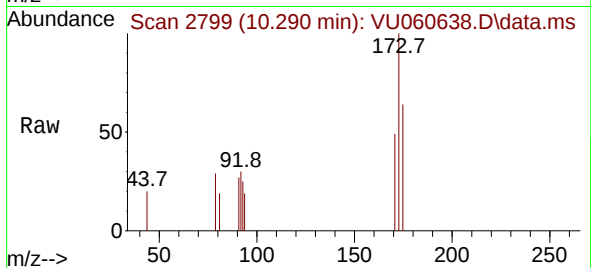
Lab File: VU060638.D

Acq: 06 Sep 2024 11:52

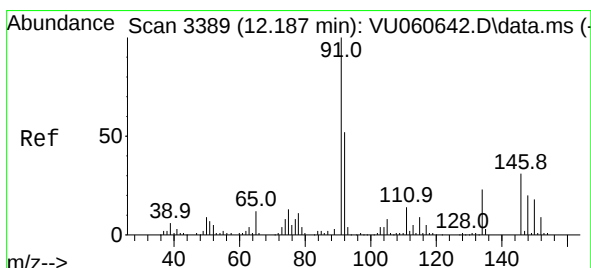
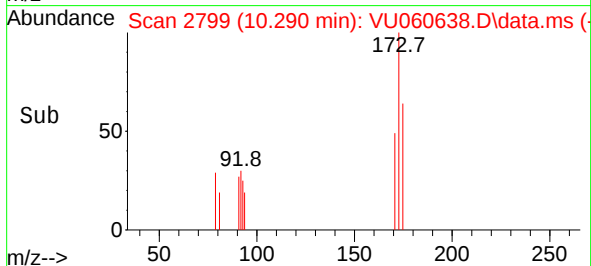
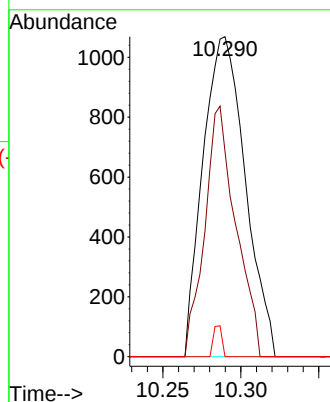
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	173	Resp:	2012
Ion Ratio	Lower	Upper	
173	100		
175	57.7	38.8	58.2
254	1.9	8.6	12.8#



#68

1,2-Dichlorobenzene-d4

Concen: 0.909 ug/l

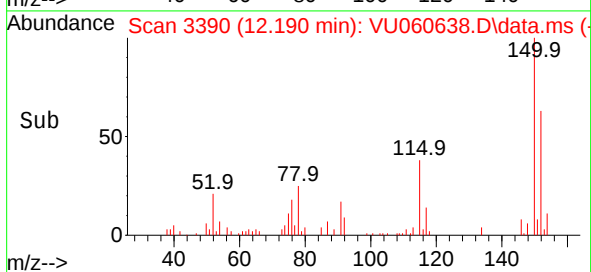
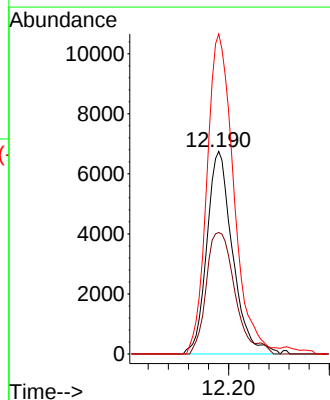
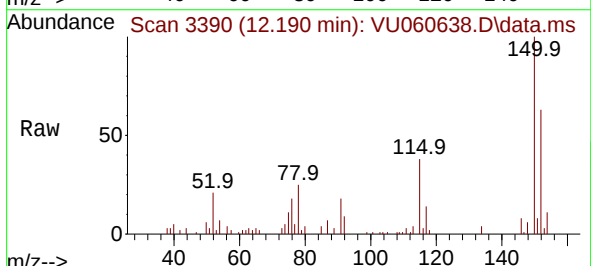
RT: 12.190 min Scan# 3390

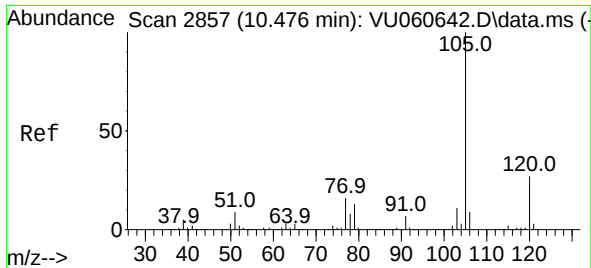
Delta R.T. 0.003 min

Lab File: VU060638.D

Acq: 06 Sep 2024 11:52

Tgt Ion:	152	Resp:	11966
Ion Ratio	Lower	Upper	
152	100		
115	67.2	0.0	300.4
150	165.3	0.0	669.4

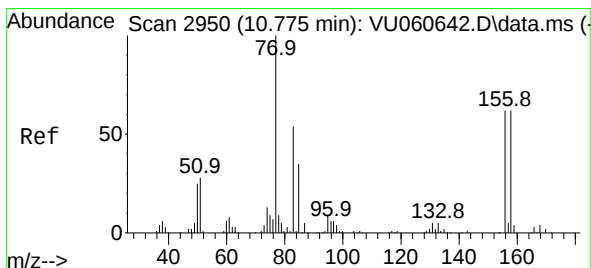
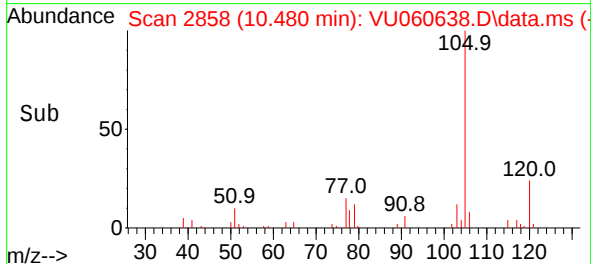
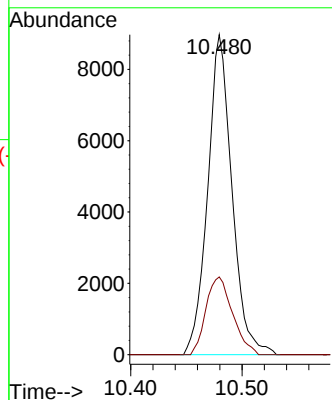
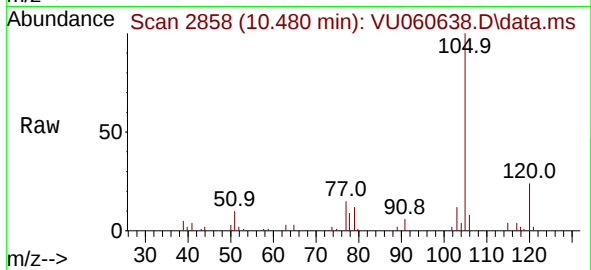




#69
Isopropylbenzene
Concen: 0.334 ug/l
RT: 10.480 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060638.D
Acq: 06 Sep 2024 11:52

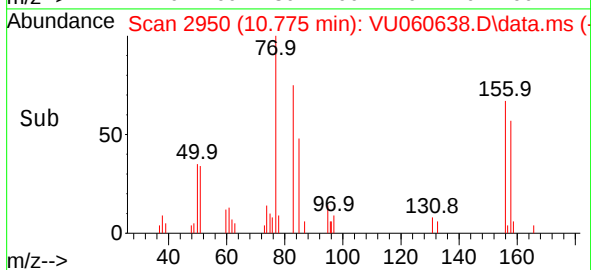
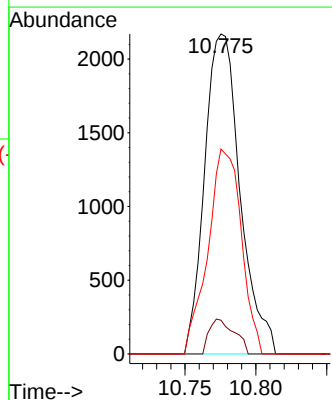
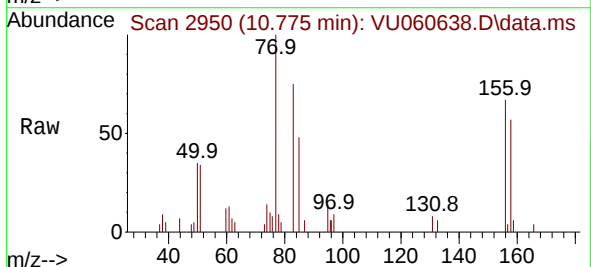
Instrument :
MSVOA_U
ClientSampleId :

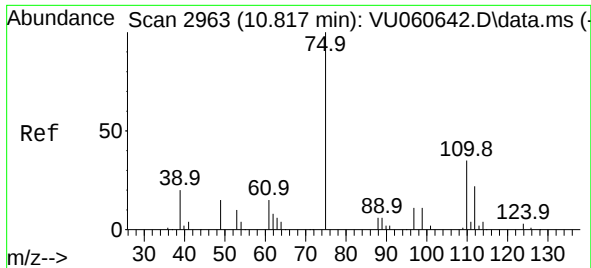
Tgt Ion:105 Resp: 13596
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.8



#70
1,1,2,2-Tetrachloroethane
Concen: 0.328 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU060638.D
Acq: 06 Sep 2024 11:52

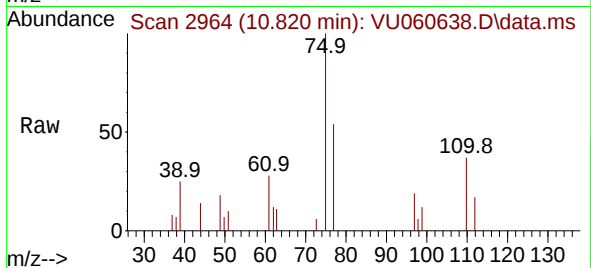
Tgt Ion: 83 Resp: 3780
Ion Ratio Lower Upper
83 100
131 7.8 8.2 12.2#
85 60.2 52.1 78.1



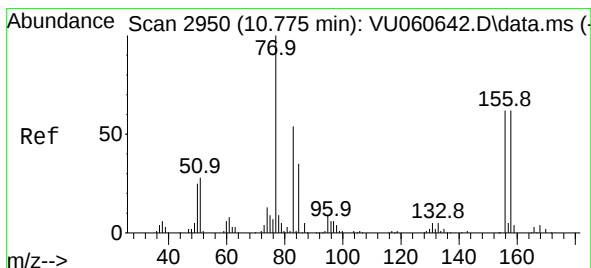
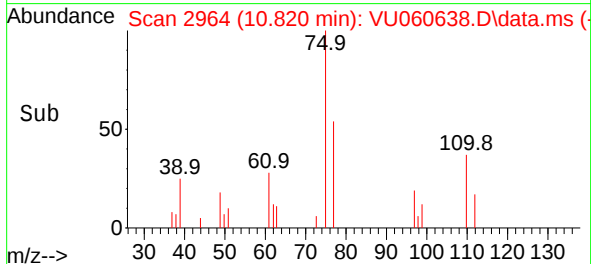
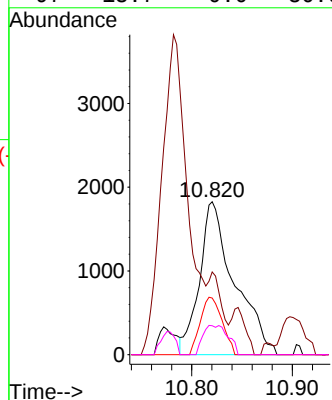


#71
1,2,3-Trichloropropane
Concen: 0.523 ug/l
RT: 10.820 min Scan# 2964
Delta R.T. 0.003 min
Lab File: VU060638.D
Acq: 06 Sep 2024 11:52

Instrument :
MSVOA_U
ClientSampleId :

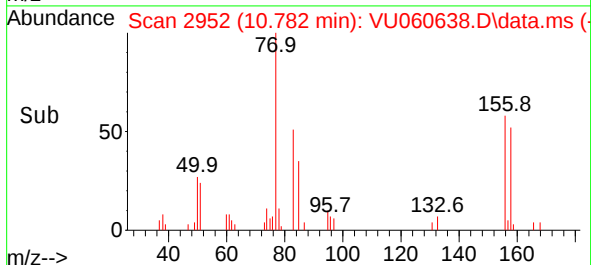
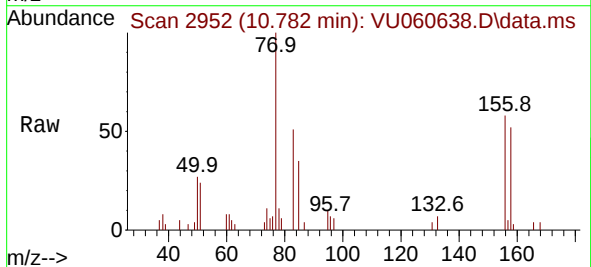
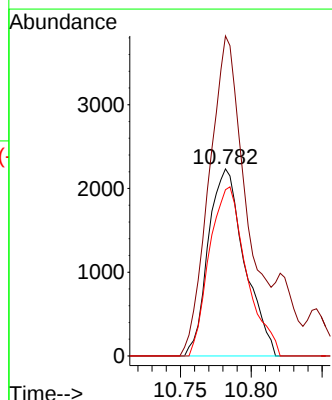


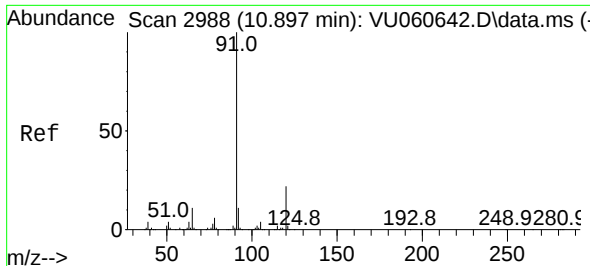
Tgt Ion: 75 Resp: 4415
Ion Ratio Lower Upper
75 100
77 12.0 0.0 0.0#
110 23.3 0.0 68.8
97 13.7 0.0 36.0



#72
Bromobenzene
Concen: 0.366 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.007 min
Lab File: VU060638.D
Acq: 06 Sep 2024 11:52

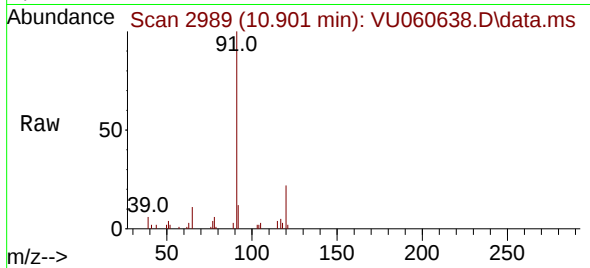
Tgt Ion: 156 Resp: 3970
Ion Ratio Lower Upper
156 100
77 174.1 0.0 320.2
158 92.3 0.0 196.0



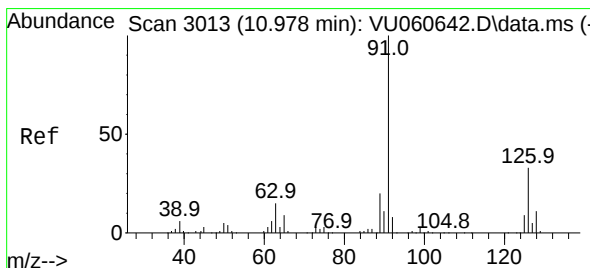
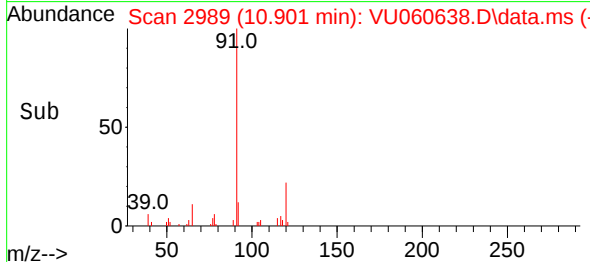
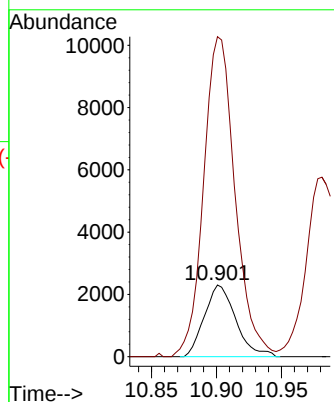


#73
n-propylbenzene
Concen: 0.341 ug/l
RT: 10.901 min Scan# 2988
Delta R.T. 0.003 min
Lab File: VU060638.D
Acq: 06 Sep 2024 11:52

Instrument :
MSVOA_U
ClientSampleId :

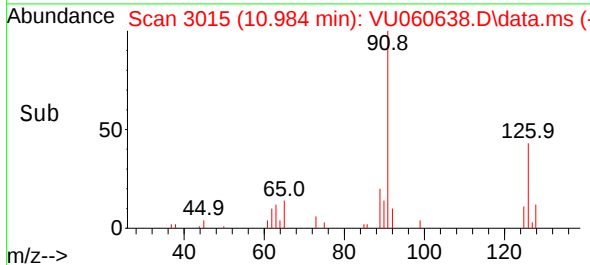
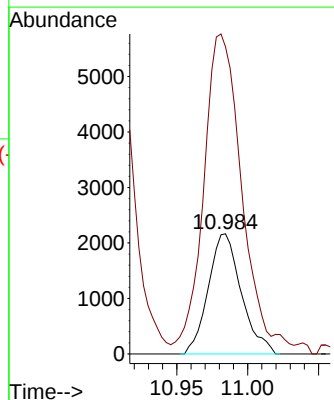
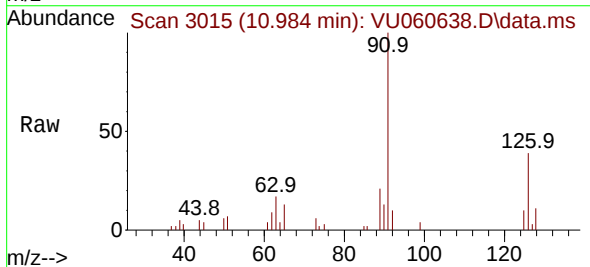


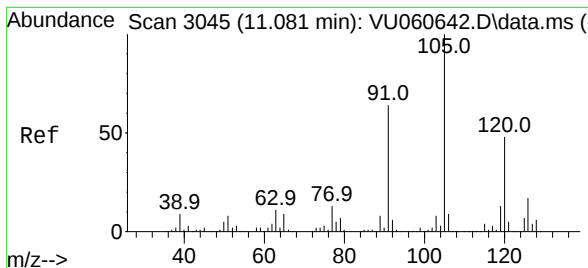
Tgt Ion:120 Resp: 3859
Ion Ratio Lower Upper
120 100
91 448.1 358.4 537.6



#74
2-Chlorotoluene
Concen: 0.332 ug/l
RT: 10.984 min Scan# 3015
Delta R.T. 0.007 min
Lab File: VU060638.D
Acq: 06 Sep 2024 11:52

Tgt Ion:126 Resp: 3507
Ion Ratio Lower Upper
126 100
91 292.9 0.0 599.6





#75

1,3,5-Trimethylbenzene

Concen: 0.322 ug/l

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU060638.D

Acq: 06 Sep 2024 11:52

Instrument :

MSVOA_U

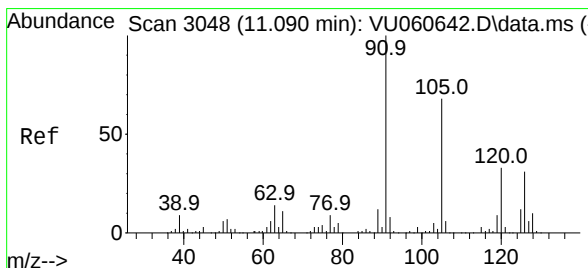
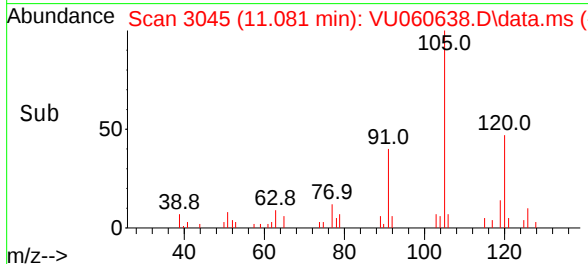
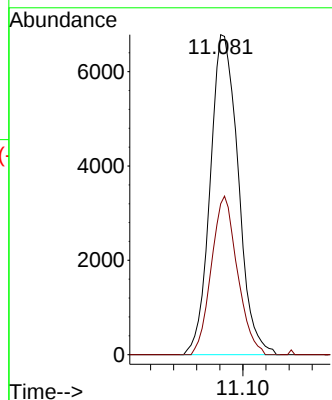
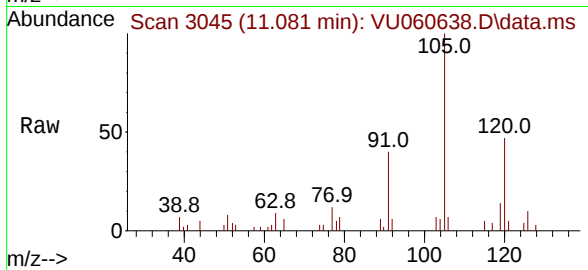
ClientSampleId :

Tgt Ion:105 Resp: 11417

Ion Ratio Lower Upper

105 100

120 46.0 38.3 57.5



#76

4-Chlorotoluene

Concen: 0.350 ug/l

RT: 11.094 min Scan# 3049

Delta R.T. 0.003 min

Lab File: VU060638.D

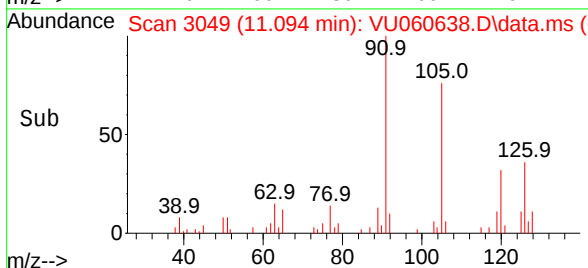
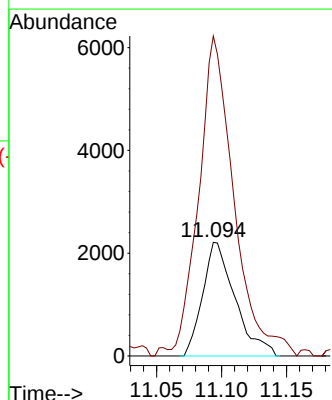
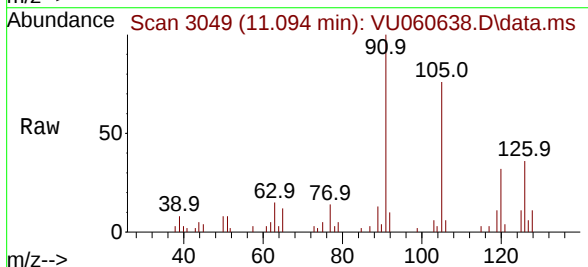
Acq: 06 Sep 2024 11:52

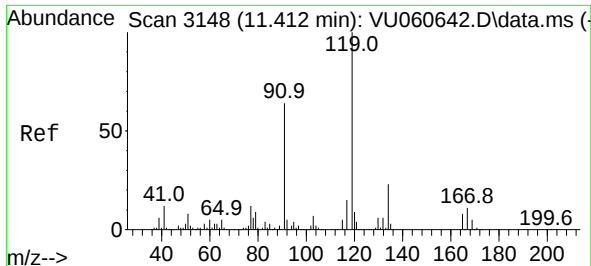
Tgt Ion:126 Resp: 3837

Ion Ratio Lower Upper

126 100

91 304.5 0.0 676.6





#77

tert-Butylbenzene

Concen: 0.347 ug/l

RT: 11.415 min Scan# 3149

Delta R.T. 0.003 min

Lab File: VU060638.D

Acq: 06 Sep 2024 11:52

Instrument :

MSVOA_U

ClientSampleId :

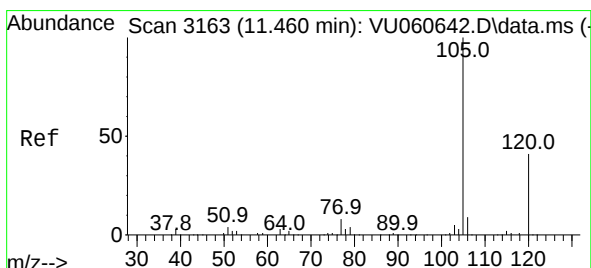
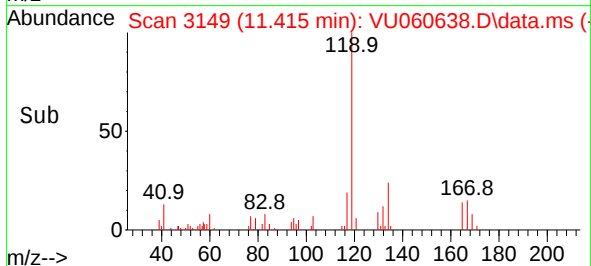
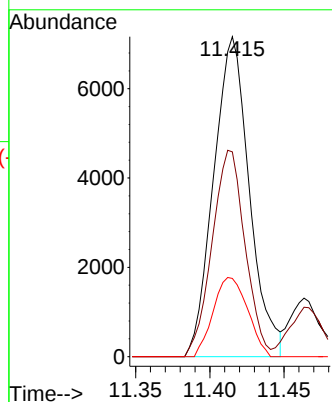
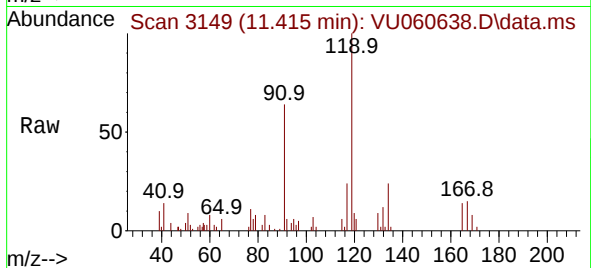
Tgt Ion:119 Resp: 12010

Ion Ratio Lower Upper

119 100

91 59.5 30.3 90.8

134 23.8 18.3 27.5



#78

1,2,4-Trimethylbenzene

Concen: 0.313 ug/l

RT: 11.467 min Scan# 3165

Delta R.T. 0.007 min

Lab File: VU060638.D

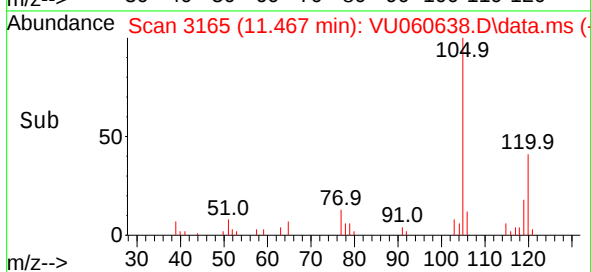
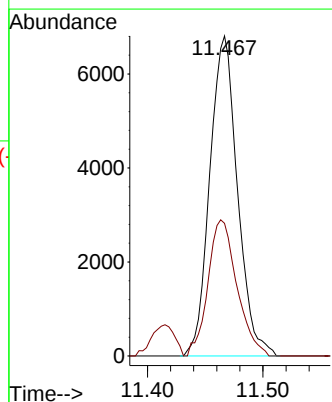
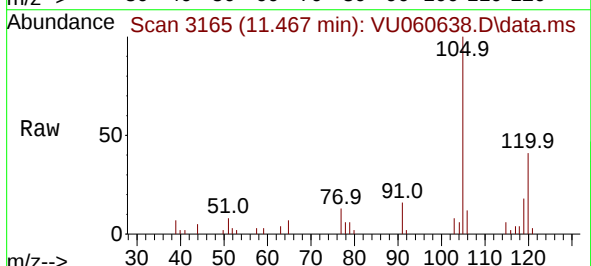
Acq: 06 Sep 2024 11:52

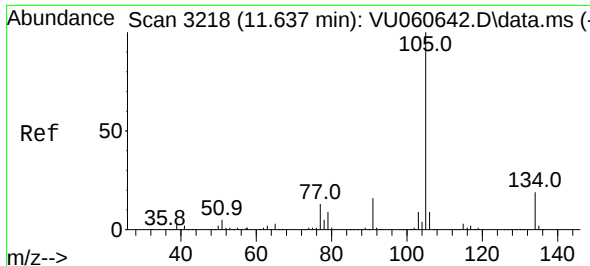
Tgt Ion:105 Resp: 11344

Ion Ratio Lower Upper

105 100

120 44.5 22.6 67.7





#79

sec-Butylbenzene

Concen: 0.333 ug/l

RT: 11.637 min Scan# 3218

Delta R.T. 0.000 min

Lab File: VU060638.D

Acq: 06 Sep 2024 11:52

Instrument :

MSVOA_U

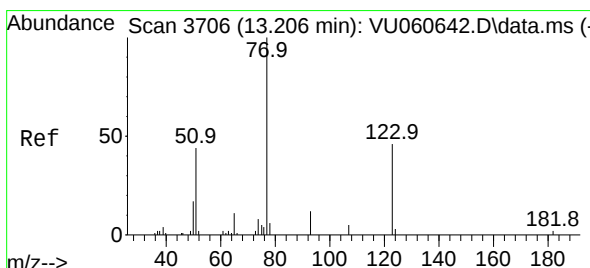
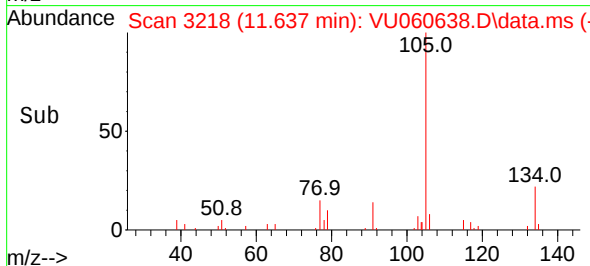
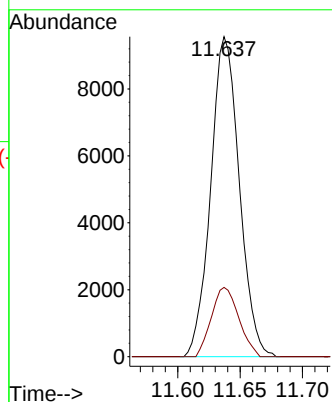
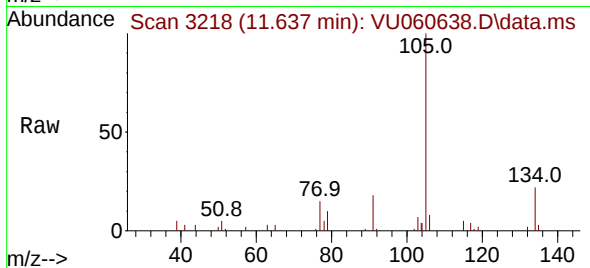
ClientSampleId :

Tgt Ion:105 Resp: 15266

Ion Ratio Lower Upper

105 100

134 20.7 15.8 23.6



#80

Nitrobenzene

Concen: 0.090 ug/l

RT: 13.299 min Scan# 3735

Delta R.T. 0.093 min

Lab File: VU060638.D

Acq: 06 Sep 2024 11:52

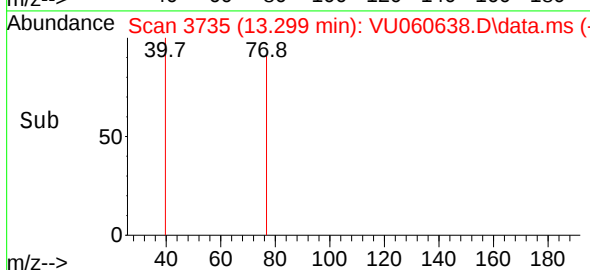
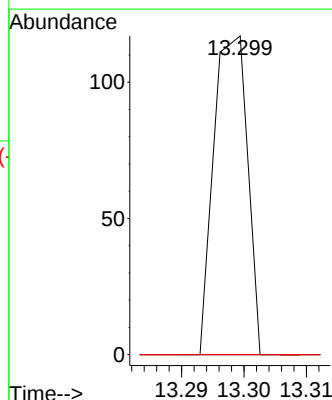
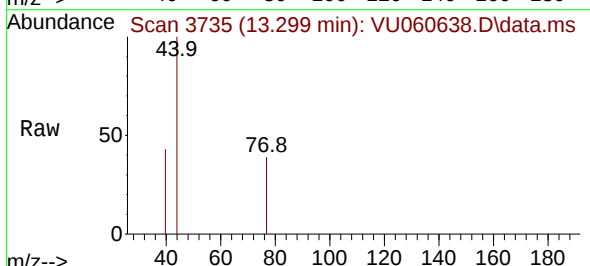
Tgt Ion: 77 Resp: 44

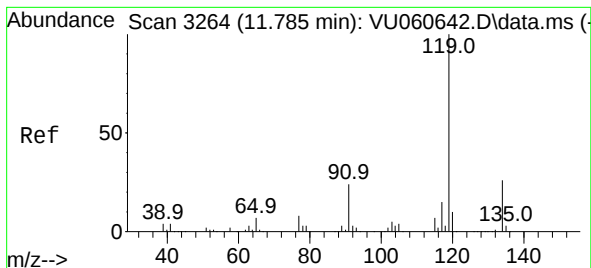
Ion Ratio Lower Upper

77 100

123 0.0 19.9 70.5#

65 0.0 9.9 12.5#





#81

p-Isopropyltoluene

Concen: 0.323 ug/l

RT: 11.788 min Scan# 3265

Delta R.T. 0.003 min

Lab File: VU060638.D

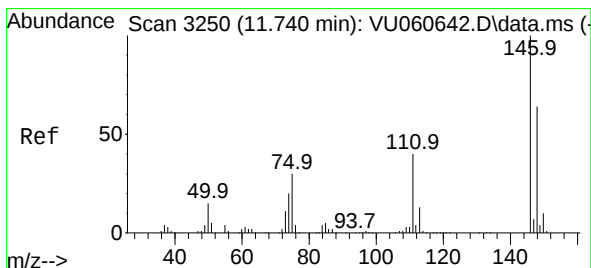
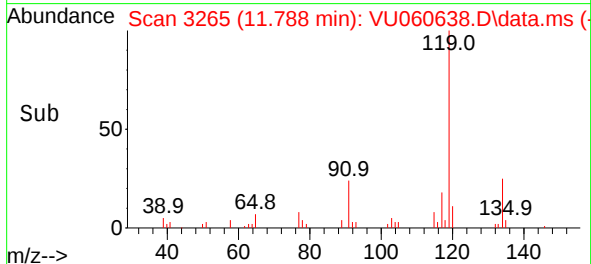
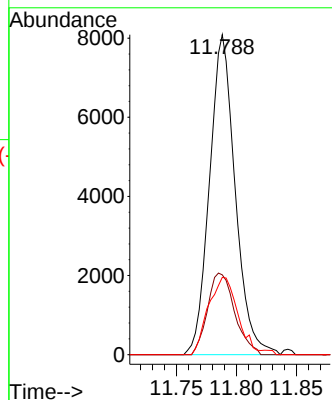
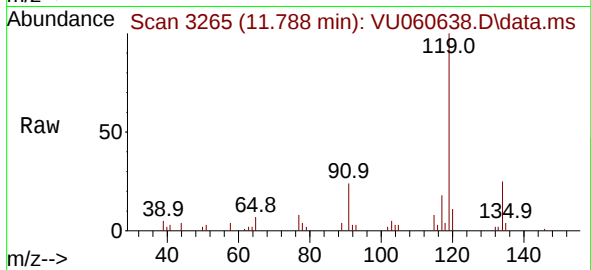
Acq: 06 Sep 2024 11:52

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	119	Resp:	12031
Ion Ratio	Lower	Upper	
119	100		
134	27.0	20.9	31.3
91	27.5	19.5	29.3



#82

1,3-Dichlorobenzene

Concen: 0.337 ug/l

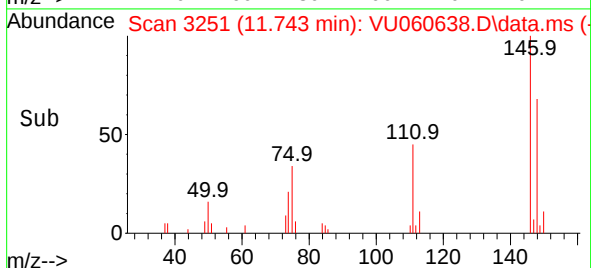
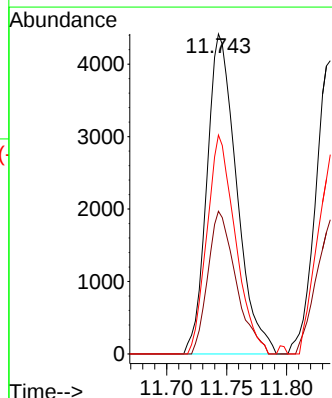
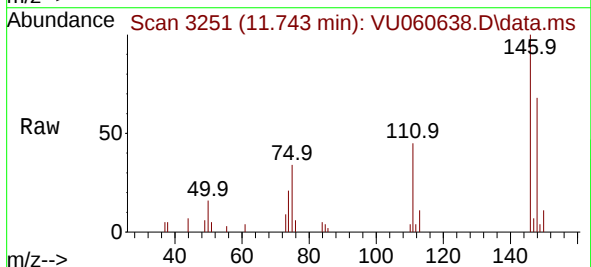
RT: 11.743 min Scan# 3251

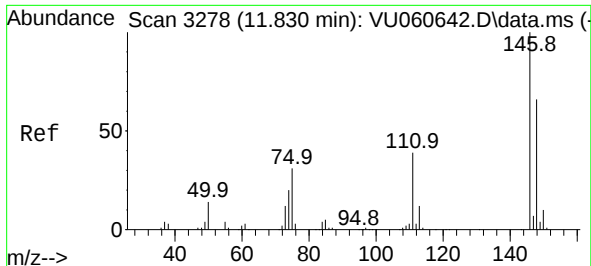
Delta R.T. 0.003 min

Lab File: VU060638.D

Acq: 06 Sep 2024 11:52

Tgt Ion:	146	Resp:	7603
Ion Ratio	Lower	Upper	
146	100		
111	42.3	33.0	49.4
148	65.4	51.8	77.6





#83

1,4-Dichlorobenzene

Concen: 0.343 ug/l

RT: 11.836 min Scan# 31

Delta R.T. 0.007 min

Lab File: VU060638.D

Acq: 06 Sep 2024 11:52

Instrument :

MSVOA_U

ClientSampleId :

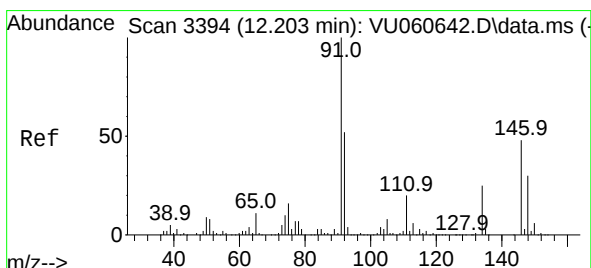
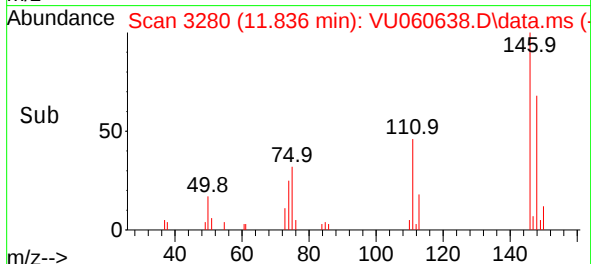
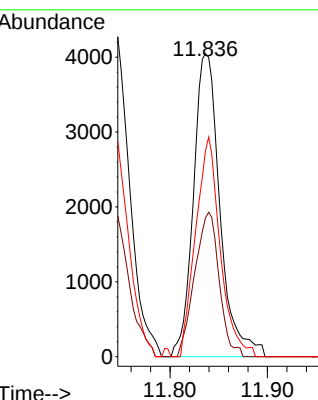
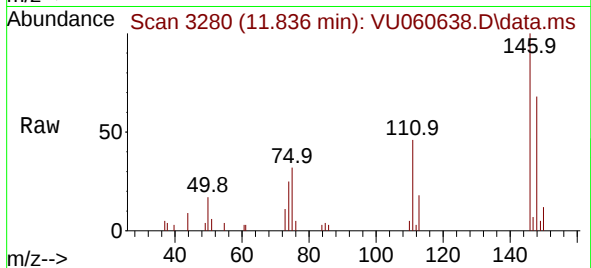
Tgt Ion:146 Resp: 7659

Ion Ratio Lower Upper

146 100

111 43.9 31.8 47.6

148 67.1 52.1 78.1



#84

n-Butylbenzene

Concen: 0.280 ug/l

RT: 12.206 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU060638.D

Acq: 06 Sep 2024 11:52

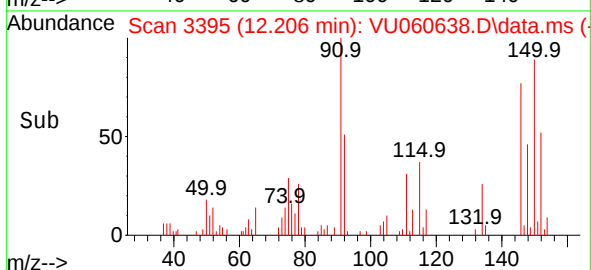
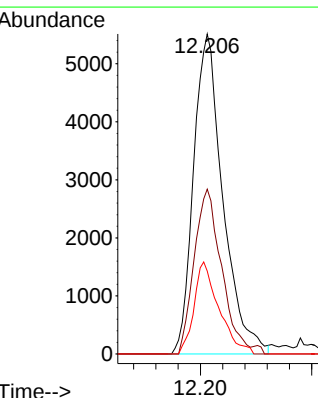
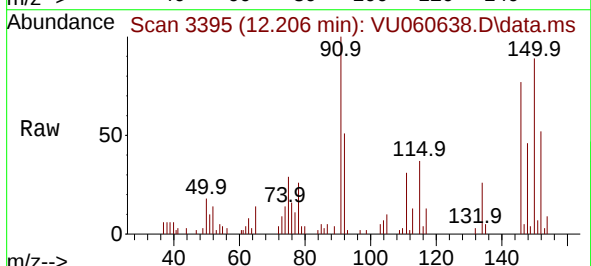
Tgt Ion: 91 Resp: 10091

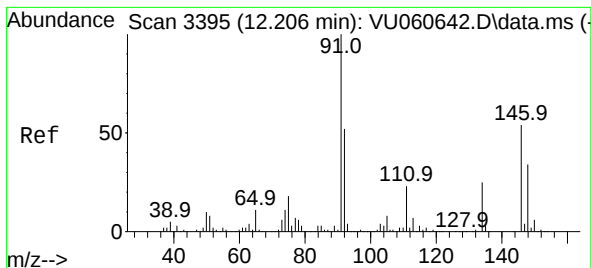
Ion Ratio Lower Upper

91 100

92 48.5 41.3 61.9

134 24.4 19.8 29.8





#85

1,2-Dichlorobenzene

Concen: 0.342 ug/l

RT: 12.206 min Scan# 3395

Delta R.T. 0.000 min

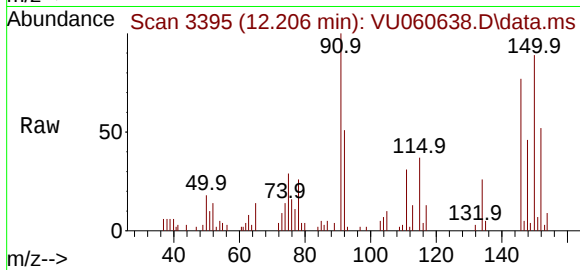
Lab File: VU060638.D

Acq: 06 Sep 2024 11:52

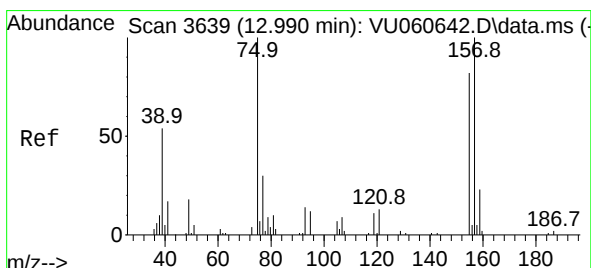
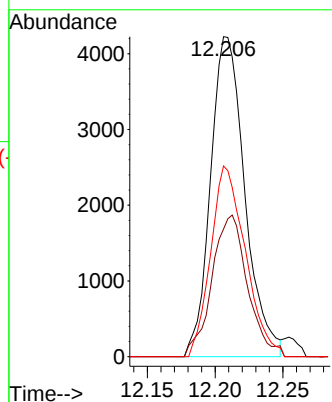
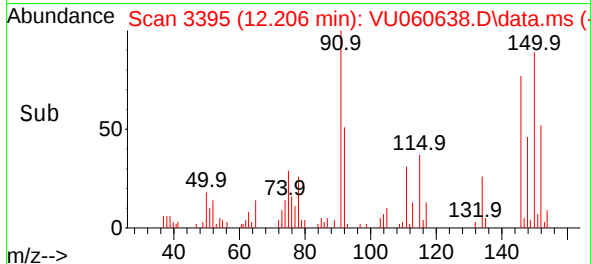
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:146	Resp:	7446	
Ion	Ratio	Lower	Upper
146	100		
111	45.7	21.1	63.1
148	60.2	31.6	94.8



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.282 ug/l

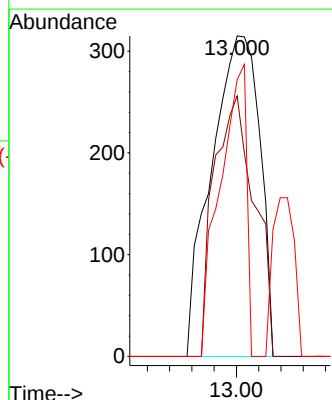
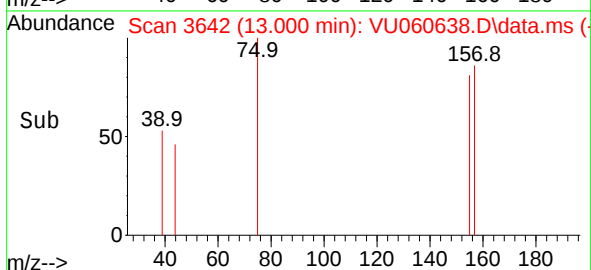
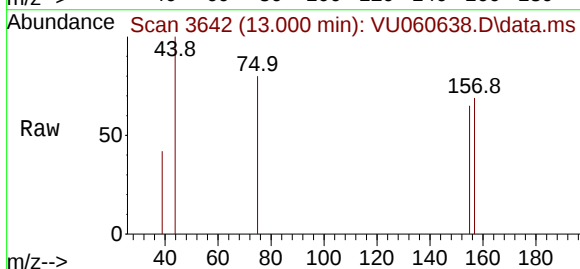
RT: 13.000 min Scan# 3642

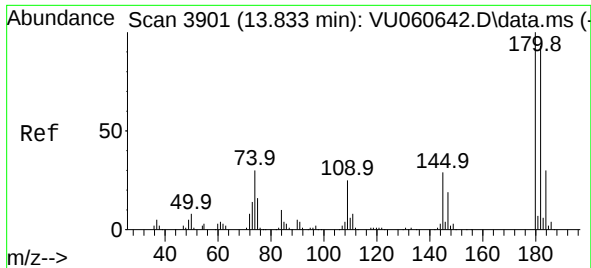
Delta R.T. 0.010 min

Lab File: VU060638.D

Acq: 06 Sep 2024 11:52

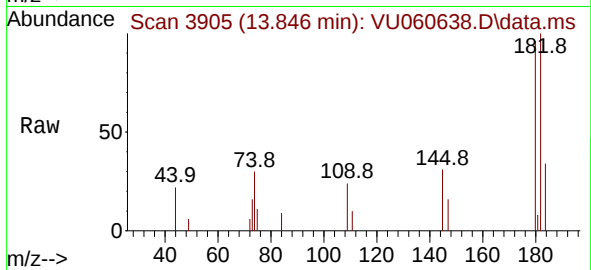
Tgt Ion: 75	Resp:	476	
Ion Ratio	Lower	Upper	
75 100			
155 67.9	67.6	101.4	
157 50.0	81.0	121.6#	



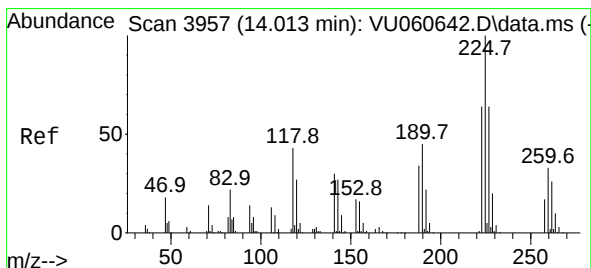
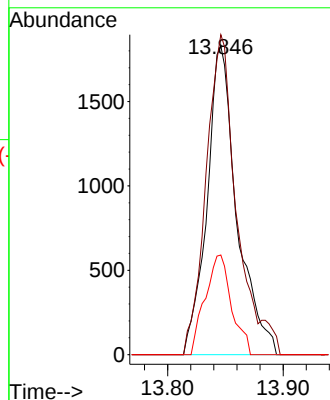
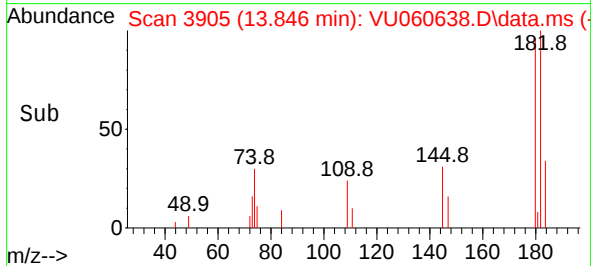


#87
1,2,4-Trichlorobenzene
Concen: 0.265 ug/l
RT: 13.846 min Scan# 3905
Delta R.T. 0.013 min
Lab File: VU060638.D
Acq: 06 Sep 2024 11:52

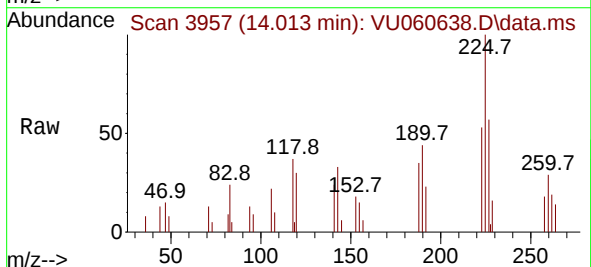
Instrument :
MSVOA_U
ClientSampleId :



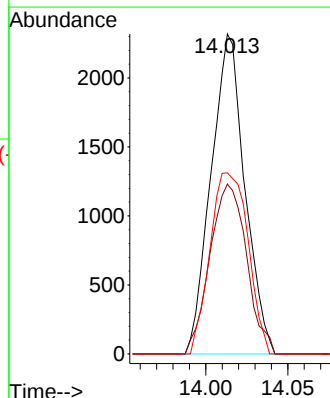
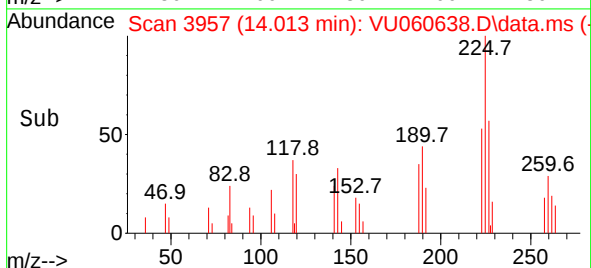
Tgt Ion:180 Resp: 3298
Ion Ratio Lower Upper
180 100
182 106.0 75.0 112.4
145 28.4 23.8 35.6

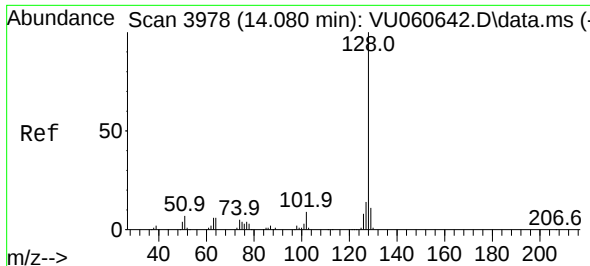


#88
Hexachlorobutadiene
Concen: 0.407 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. 0.000 min
Lab File: VU060638.D
Acq: 06 Sep 2024 11:52



Tgt Ion:225 Resp: 3308
Ion Ratio Lower Upper
225 100
223 57.8 50.3 75.5
227 63.9 50.6 76.0





#89

Naphthalene

Concen: 0.134 ug/l

RT: 14.103 min Scan# 3978

Delta R.T. 0.023 min

Lab File: VU060638.D

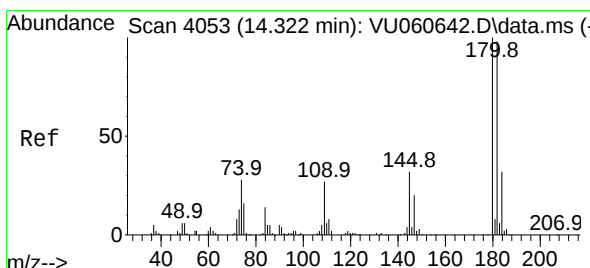
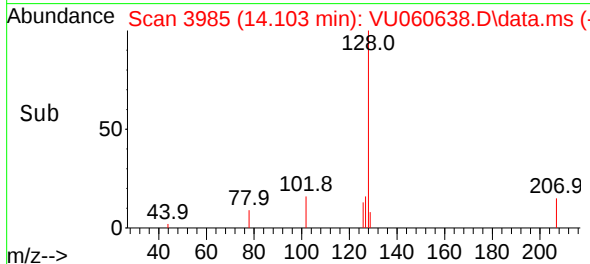
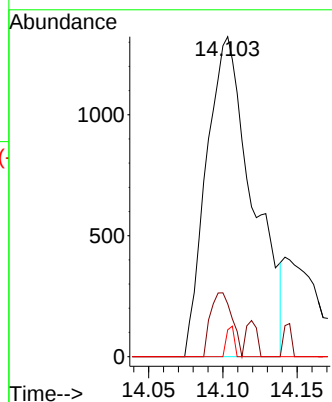
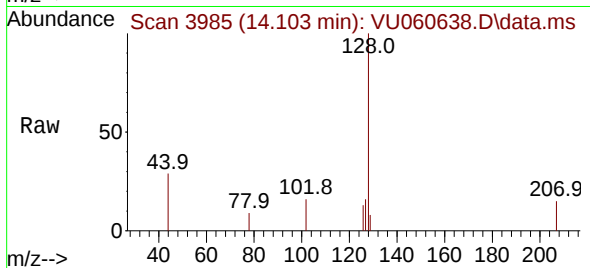
Acq: 06 Sep 2024 11:52

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	2865
Ion Ratio	Lower	Upper
128	100	
127	9.2	11.0 16.4#
129	1.6	8.6 13.0#



#90

1,2,3-Trichlorobenzene

Concen: 0.240 ug/l

RT: 14.335 min Scan# 4057

Delta R.T. 0.013 min

Lab File: VU060638.D

Acq: 06 Sep 2024 11:52

Tgt Ion:180	Resp:	2861
Ion Ratio	Lower	Upper
180	100	
182	94.9	77.1 115.7
145	25.2	25.4 38.0#

