

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU073024\
 Data File : VU060266.D
 Acq On : 30 Jul 2024 15:48
 Operator : MD/SY
 Sample : VSTDIC001
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 31 04:34:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U073024DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jul 31 04:32:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.107	96	39312	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	11835	0.893	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	13863	0.974	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	13869	0.985	ug/l	95
3) Chloromethane	1.522	50	17345	1.023	ug/l	99
4) Vinyl Chloride	1.602	62	15846	0.966	ug/l	97
5) Bromomethane	1.850	94	9593	0.961	ug/l	93
6) Chloroethane	1.930	64	9558	0.969	ug/l	98
7) Trichlorofluoromethane	2.136	101	18253	0.985	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	10102	0.976	ug/l	98
9) 1,1-Dichloroethene	2.576	96	10407	0.986	ug/l	99
10) Iodomethane	2.718	142	11539	0.897	ug/l	96
11) Allyl Chloride	2.917	41	14922	0.977	ug/l	97
12) Acrylonitrile	3.313	53	5787	1.948	ug/l	88
13) Acetone	2.621	43	18991	5.750	ug/l	96
14) Carbon Disulfide	2.788	76	36459	0.978	ug/l	99
15) Methylene Chloride	3.036	84	15010	1.019	ug/l	99
16) trans-1,2-Dichloroethene	3.345	96	11227	0.965	ug/l	92
17) 1,1-Dichloroethane	3.859	63	21645	0.969	ug/l	97
18) 2-Butanone	4.714	43	24020	5.842	ug/l	98
19) Cyclohexane	5.370	56	18639	0.923	ug/l	92
20) Methylcyclohexane	6.753	83	13909	0.874	ug/l	97
21) 2,2-Dichloropropane	4.653	77	16791	1.011	ug/l	100
22) cis-1,2-Dichloroethene	4.660	96	12251	0.978	ug/l	100
23) Diethyl Ether	2.374	59	8398	0.930	ug/l	98
24) tert-Butyl Alcohol	3.181	59	10389	10.040	ug/l	97
25) Methyl tert-Butyl Ether	3.361	73	26604	0.982	ug/l	99
26) Bromochloromethane	4.965	128	4953	0.982	ug/l	98
27) Chloroform	5.081	83	21206	0.979	ug/l	97
28) 1,1,1-Trichloroethane	5.303	97	17138	0.960	ug/l	99
29) 1,1-Dichloropropene	5.512	75	14050	0.970	ug/l	99
30) Carbon Tetrachloride	5.509	117	14288	0.987	ug/l	98
31) Isopropyl Ether	3.994	45	31893	0.949	ug/l	97
32) Ethyl-t-butyl ether	4.505	59	29977	0.952	ug/l	100
33) Tert-Amyl methyl ether	5.946	73	20267	0.899	ug/l	98
34) Propionitrile	4.775	54	5623	4.800	ug/l #	94
35) Benzene	5.766	78	42690	0.949	ug/l	99
36) 1,2-Dichloroethane	5.788	62	12327	0.949	ug/l	100
37) Trichloroethene	6.534	130	10053	0.907	ug/l	99
38) 1,2-Dichloropropane	6.788	63	11652	0.932	ug/l	99
39) Methacrylonitrile	4.975	41	4223	0.939	ug/l	92
40) Methyl acrylate	4.853	55	7343	0.994	ug/l #	95
41) Tetrahydrofuran	5.065	42	4674	2.000	ug/l	99
42) 1-Chlorobutane	5.447	56	19577	0.960	ug/l	97
43) Dibromomethane	6.917	93	5722	0.924	ug/l	100
44) Bromodichloromethane	7.103	83	14443	0.976	ug/l	96

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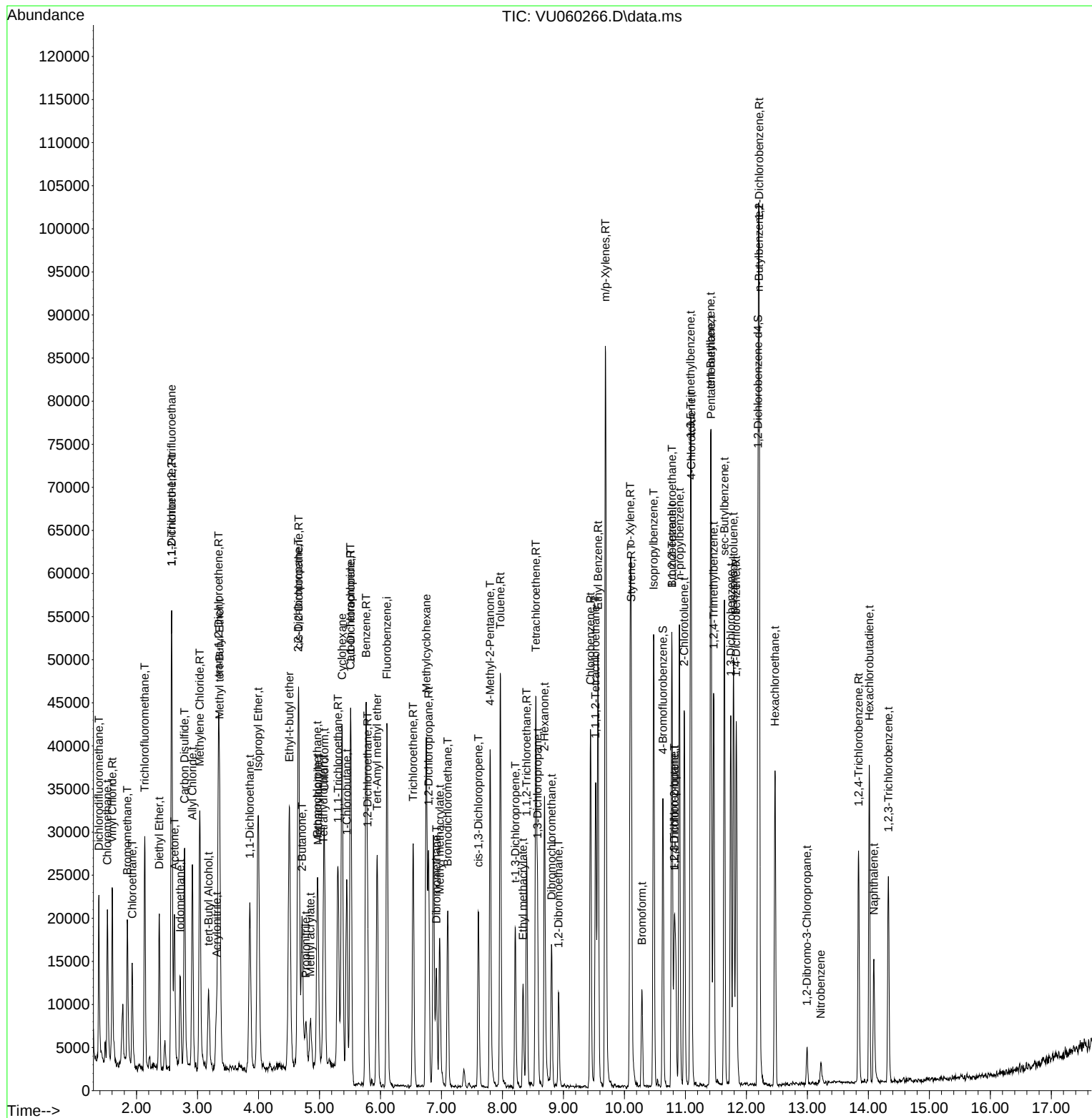
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.798	43	26196	4.203	ug/l	95
46) t-1,4-Dichloro-2-butene	10.820	75	12902	4.943	ug/l #	42
47) Methyl methacrylate	6.972	69	8558	1.581	ug/l	98
48) Ethyl methacrylate	8.338	69	6935	0.985	ug/l	95
49) Toluene	7.965	92	20659	0.828	ug/l	99
50) t-1,3-Dichloropropene	8.209	75	11176	0.896	ug/l	94
51) cis-1,3-Dichloropropene	7.605	75	13530	0.910	ug/l	98
52) 1,1,2-Trichloroethane	8.396	97	7971	0.891	ug/l	96
53) 1,3-Dichloropropane	8.576	76	13352	0.907	ug/l	98
54) 2-Hexanone	8.688	43	22263	4.785	ug/l	88
55) Dibromochloromethane	8.804	129	9219	0.938	ug/l	93
56) 1,2-Dibromoethane	8.920	107	7579	0.939	ug/l	97
58) Tetrachloroethene	8.547	164	9721	0.925	ug/l	95
59) Chlorobenzene	9.444	112	23501	0.878	ug/l	92
60) 1,1,1,2-Tetrachloroethane	9.528	131	9733	0.945	ug/l	97
61) Pentachloroethane	11.422	117	7825	0.958	ug/l	99
62) Hexachloroethane	12.470	117	7353	0.905	ug/l	99
63) Ethyl Benzene	9.566	91	34191	1.034	ug/l	97
64) m/p-Xylenes	9.688	106	25425	2.015	ug/l	96
65) o-Xylene	10.097	106	12436	0.985	ug/l	92
66) Styrene	10.113	104	20263	1.028	ug/l	99
67) Bromoform	10.287	173	5403	0.933	ug/l	97
69) Isopropylbenzene	10.479	105	32837	1.011	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.778	83	11295	0.942	ug/l	99
71) 1,2,3-Trichloropropane	10.820	75	12902	1.486	ug/l #	56
72) Bromobenzene	10.778	156	9439	0.869	ug/l	98
73) n-propylbenzene	10.904	120	8621	1.006	ug/l	97
74) 2-Chlorotoluene	10.981	126	8694	0.801	ug/l	97
75) 1,3,5-Trimethylbenzene	11.084	105	26472	1.000	ug/l	98
76) 4-Chlorotoluene	11.097	126	8238	0.976	ug/l	100
77) tert-Butylbenzene	11.415	119	28379	1.020	ug/l	93
78) 1,2,4-Trimethylbenzene	11.463	105	25518	1.014	ug/l	97
79) sec-Butylbenzene	11.640	105	36859	1.017	ug/l	100
80) Nitrobenzene	13.219	77	2418	4.334	ug/l #	63
81) p-Isopropyltoluene	11.788	119	26135	1.005	ug/l	98
82) 1,3-Dichlorobenzene	11.746	146	19443	0.884	ug/l	98
83) 1,4-Dichlorobenzene	11.833	146	18427	0.849	ug/l	97
84) n-Butylbenzene	12.206	91	25435	1.038	ug/l	94
85) 1,2-Dichlorobenzene	12.209	146	18449	0.864	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.991	75	1341	0.793	ug/l	87
87) 1,2,4-Trichlorobenzene	13.839	180	9316	0.833	ug/l	98
88) Hexachlorobutadiene	14.016	225	7075	0.961	ug/l	96
89) Naphthalene	14.090	128	14347	0.986	ug/l	97
90) 1,2,3-Trichlorobenzene	14.328	180	8784	1.034	ug/l	98

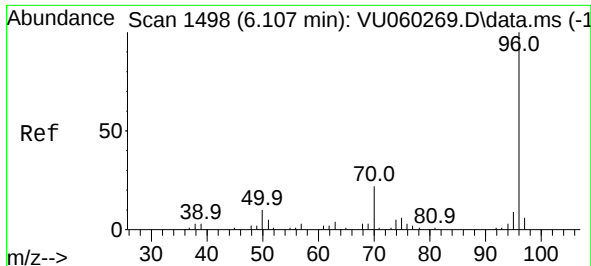
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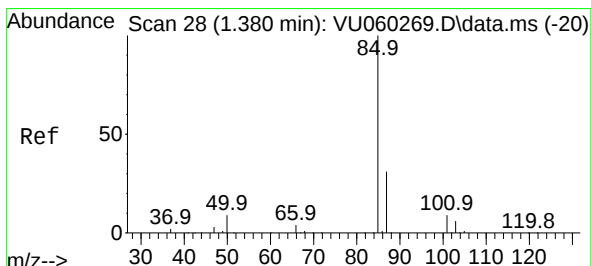
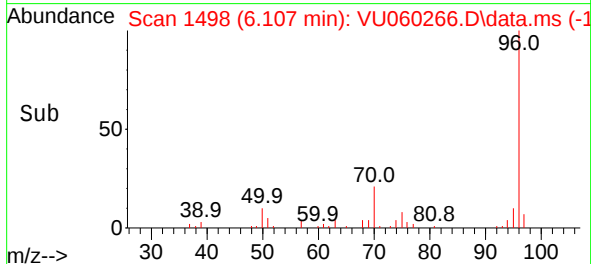
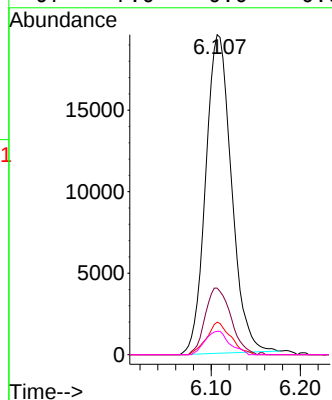
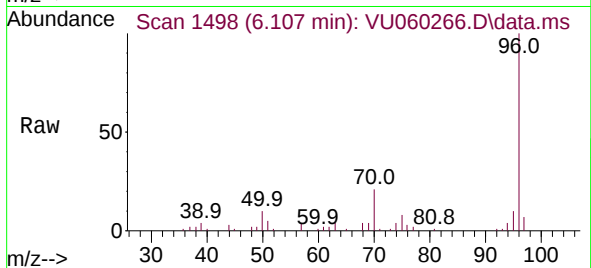




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.107 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU060266.D
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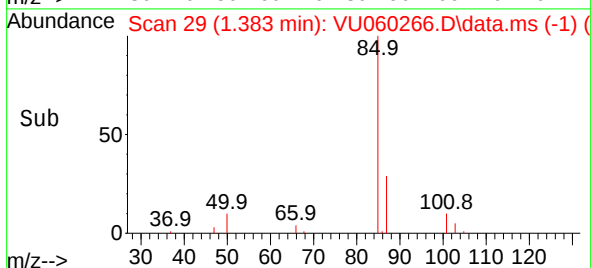
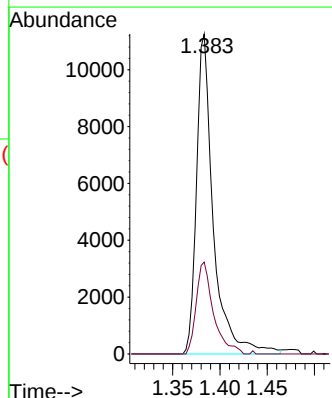
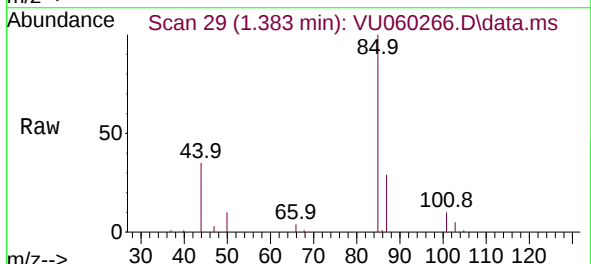
Instrument :
MSVOA_U
ClientSampleId :

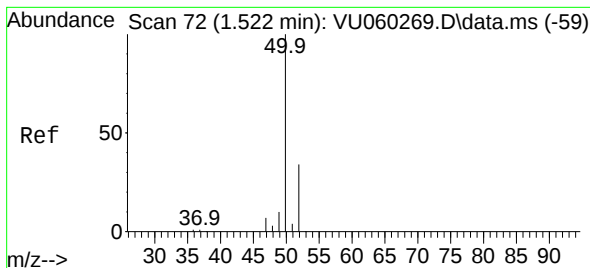
Tgt Ion: 96	Resp: 39312
Ion Ratio	Lower Upper
96	100
70	20.8 17.0 25.4
95	9.5 7.6 11.4
97	7.0 0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 0.985 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.003 min
Lab File: VU060266.D
Acq: 30 Jul 2024 15:48

Tgt Ion: 85	Resp: 13869
Ion Ratio	Lower Upper
85	100
87	28.7 15.7 47.1





#3

Chloromethane

Concen: 1.023 ug/l

RT: 1.522 min Scan# 72

Delta R.T. -0.000 min

Lab File: VU060266.D

Acq: 30 Jul 2024 15:48

Instrument :

MSVOA_U

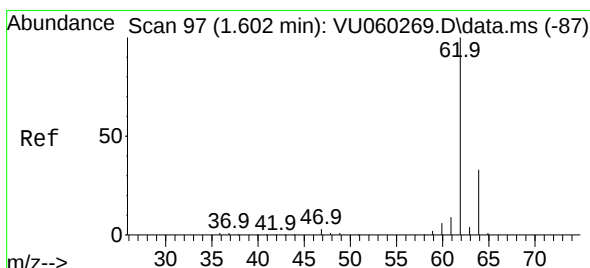
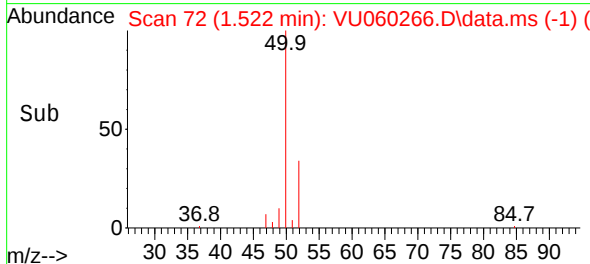
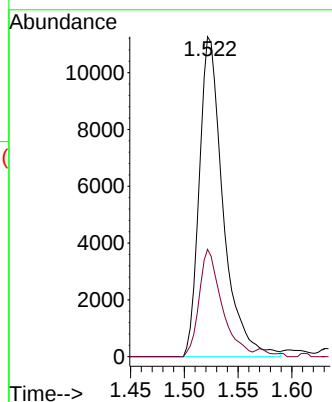
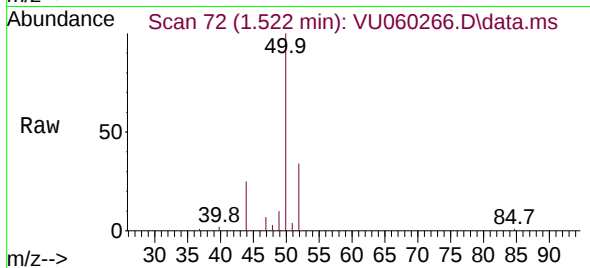
ClientSampleId :

Tgt Ion: 50 Resp: 17345

Ion Ratio Lower Upper

50 100

52 33.6 27.2 40.8



#4

Vinyl Chloride

Concen: 0.966 ug/l

RT: 1.602 min Scan# 97

Delta R.T. -0.000 min

Lab File: VU060266.D

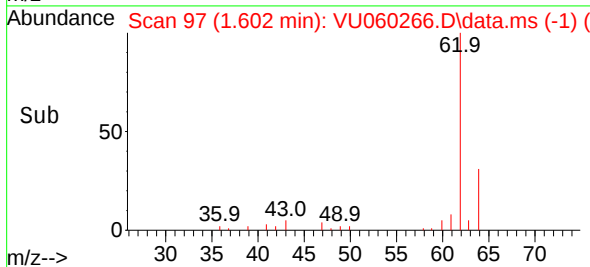
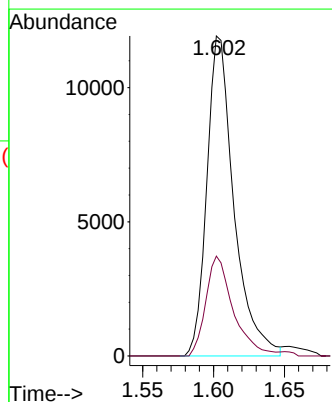
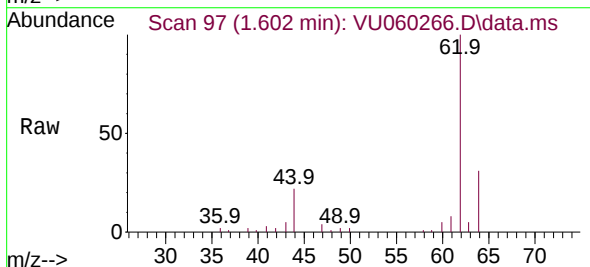
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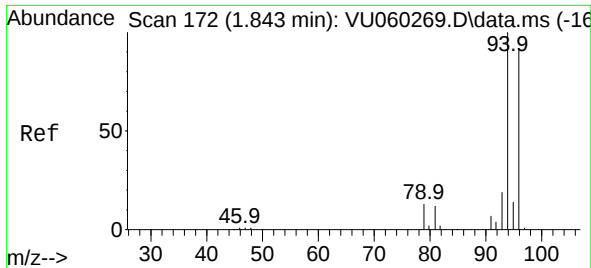
Tgt Ion: 62 Resp: 15846

Ion Ratio Lower Upper

62 100

64 31.2 26.2 39.2

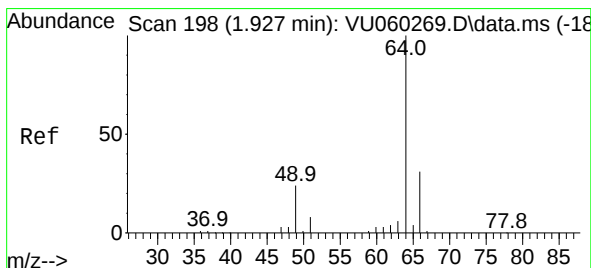
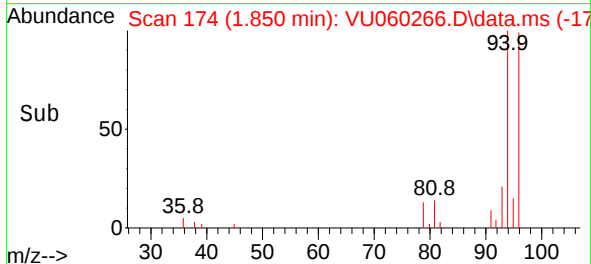
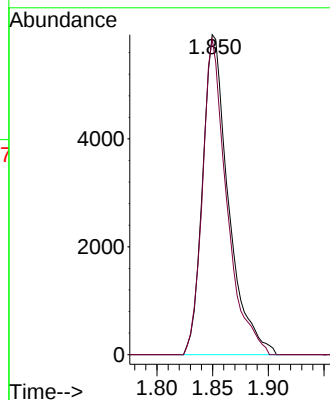
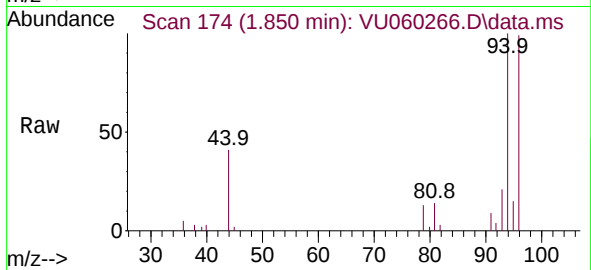




#5
Bromomethane
Concen: 0.961 ug/l
RT: 1.850 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU060266.D
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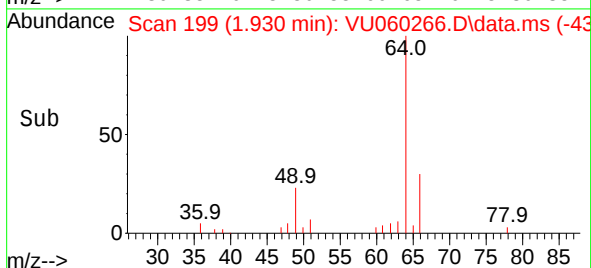
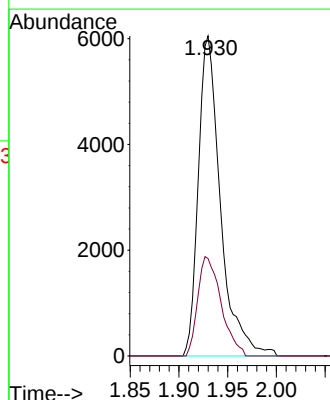
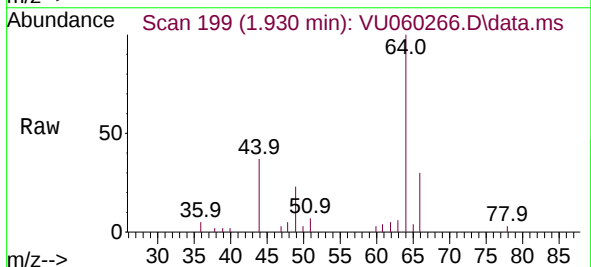
Instrument :
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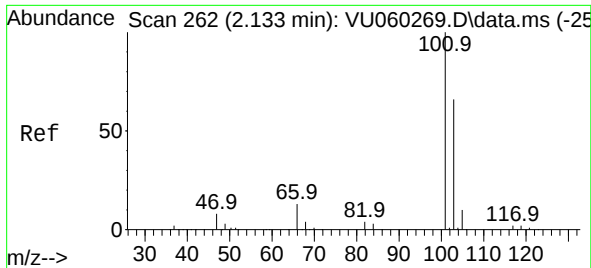
Tgt Ion: 94 Resp: 9593
Ion Ratio Lower Upper
94 100
96 98.6 73.8 110.8



#6
Chloroethane
Concen: 0.969 ug/l
RT: 1.930 min Scan# 199
Delta R.T. 0.003 min
Lab File: VU060266.D
Acq: 30 Jul 2024 15:48

Tgt Ion: 64 Resp: 9558
Ion Ratio Lower Upper
64 100
66 30.5 25.0 37.6

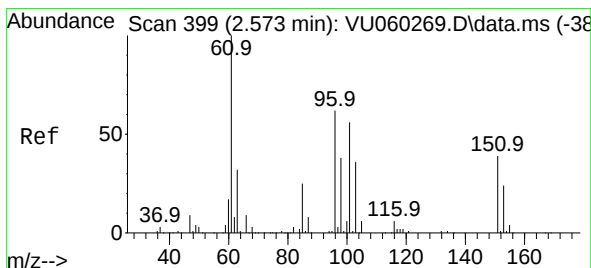
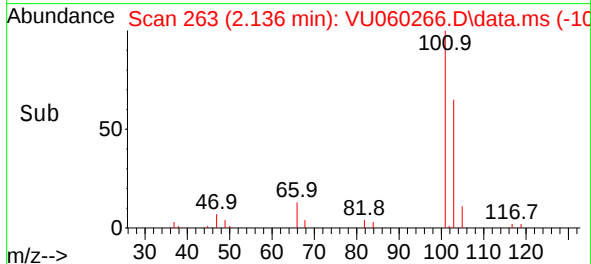
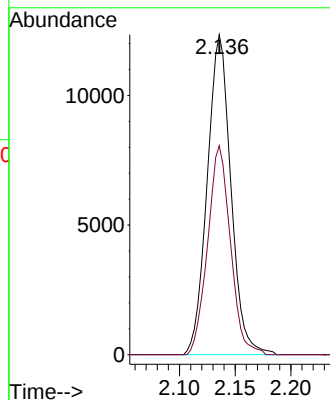
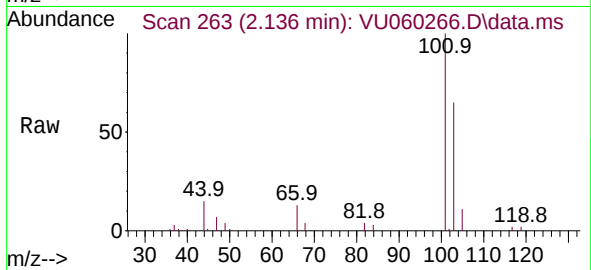




#7
Trichlorofluoromethane
Concen: 0.985 ug/l
RT: 2.136 min Scan# 20
Delta R.T. 0.003 min
Lab File: VU060266.D
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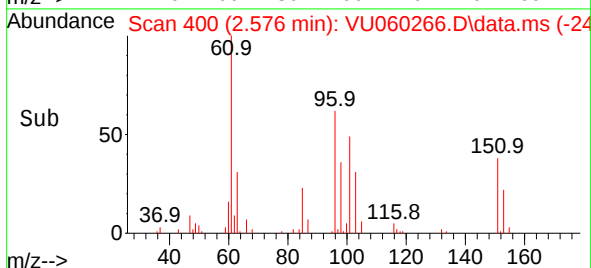
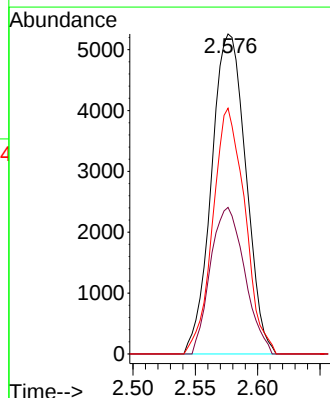
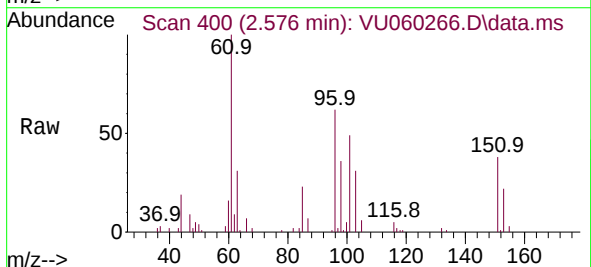
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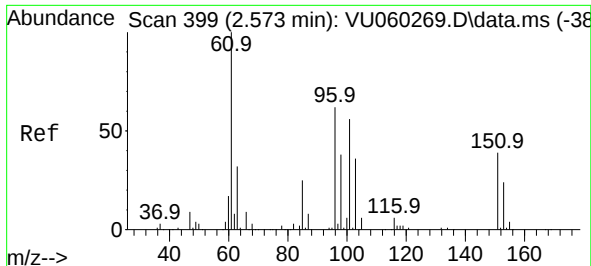
Tgt Ion:101 Resp: 18253
Ion Ratio Lower Upper
101 100
103 65.3 52.6 78.8



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.976 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU060266.D
Acq: 30 Jul 2024 15:48

Tgt Ion:101 Resp: 10102
Ion Ratio Lower Upper
101 100
85 45.6 35.7 53.5
151 71.7 56.0 84.0

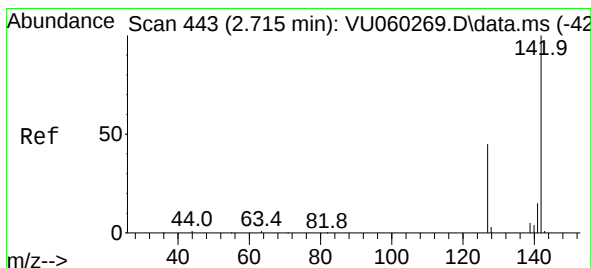
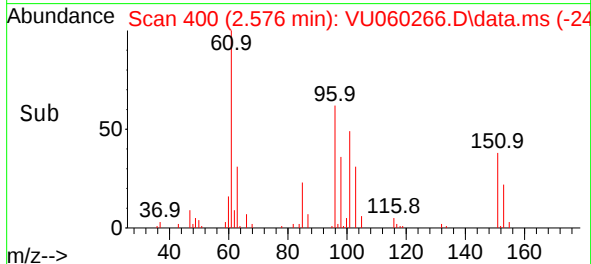
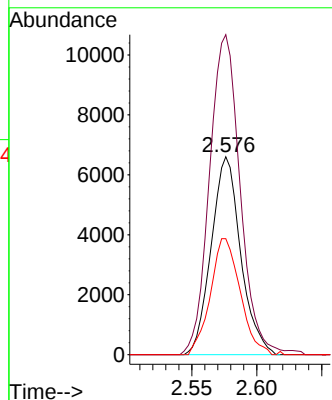
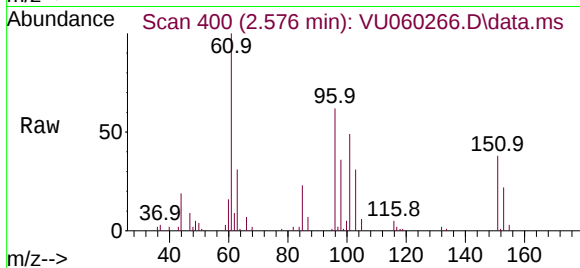




#9
1,1-Dichloroethene
Concen: 0.986 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
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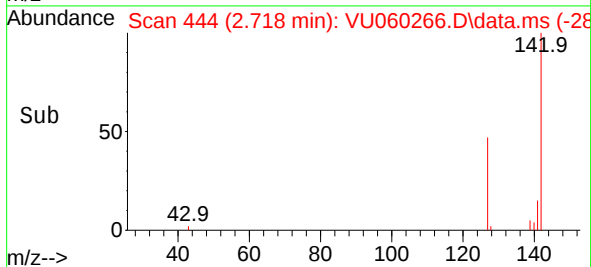
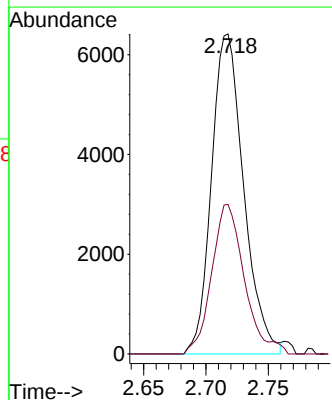
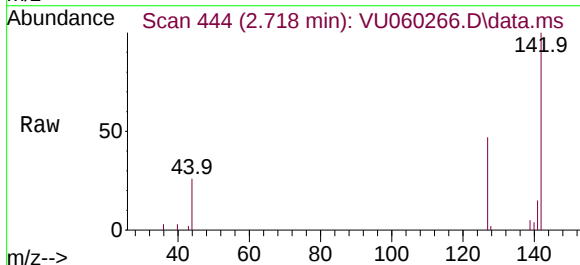
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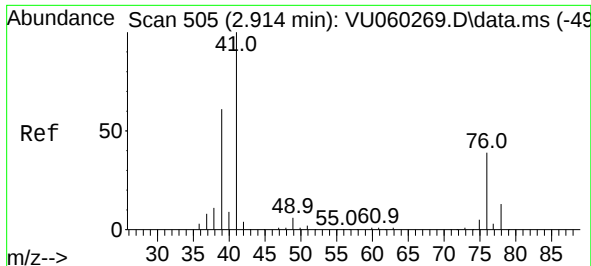
Tgt Ion: 96 Resp: 10407
Ion Ratio Lower Upper
96 100
61 161.7 0.0 482.4
98 58.7 0.0 121.4



#10
Iodomethane
Concen: 0.897 ug/l
RT: 2.718 min Scan# 444
Delta R.T. 0.003 min
Lab File: VU060266.D
Acq: 30 Jul 2024 15:48

Tgt Ion:142 Resp: 11539
Ion Ratio Lower Upper
142 100
127 47.4 36.1 54.1





#11

Allyl Chloride

Concen: 0.977 ug/l

RT: 2.917 min Scan# 505

Delta R.T. 0.003 min

Lab File: VU060266.D

Acq: 30 Jul 2024 15:48

Instrument :

MSVOA_U

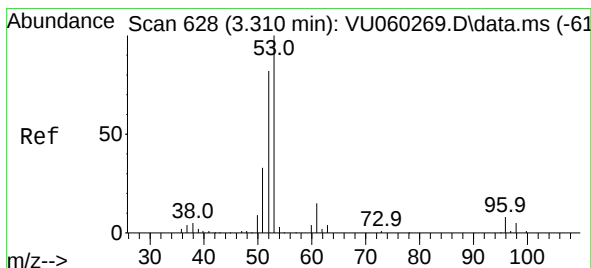
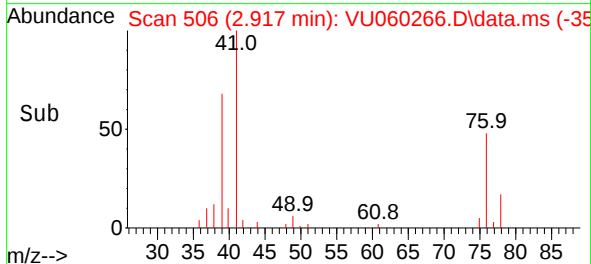
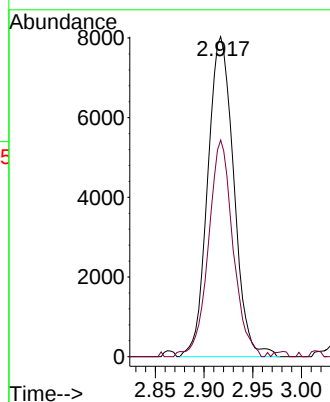
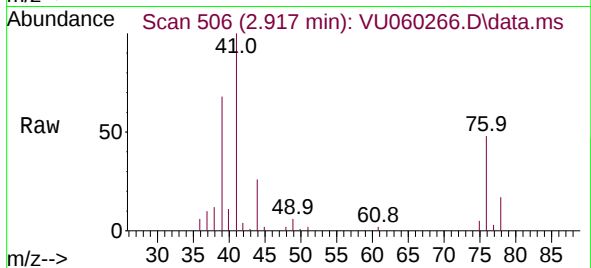
ClientSampleId :

Tgt Ion: 41 Resp: 14922

Ion Ratio Lower Upper

41 100

39 63.8 49.0 73.6



#12

Acrylonitrile

Concen: 1.948 ug/l

RT: 3.313 min Scan# 629

Delta R.T. 0.003 min

Lab File: VU060266.D

Acq: 30 Jul 2024 15:48

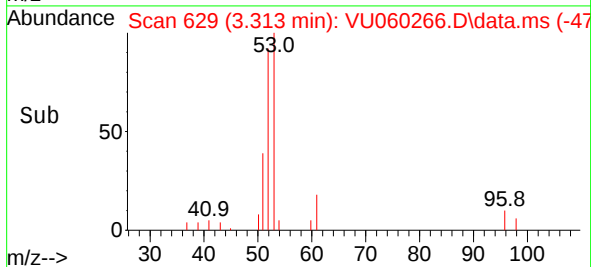
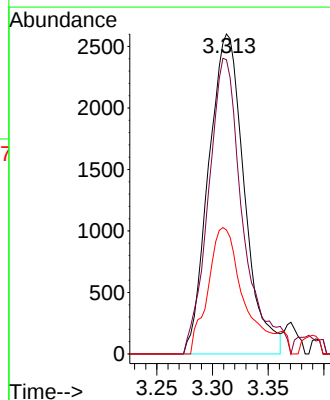
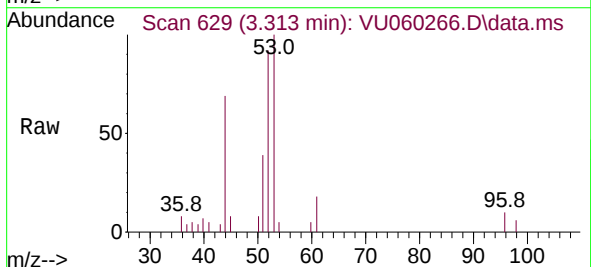
Tgt Ion: 53 Resp: 5787

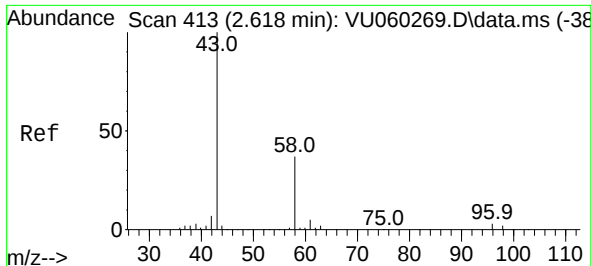
Ion Ratio Lower Upper

53 100

52 89.1 62.6 94.0

51 38.7 25.8 38.8





#13

Acetone

Concen: 5.750 ug/l

RT: 2.621 min Scan# 413

Delta R.T. 0.003 min

Lab File: VU060266.D

Acq: 30 Jul 2024 15:48

Instrument :

MSVOA_U

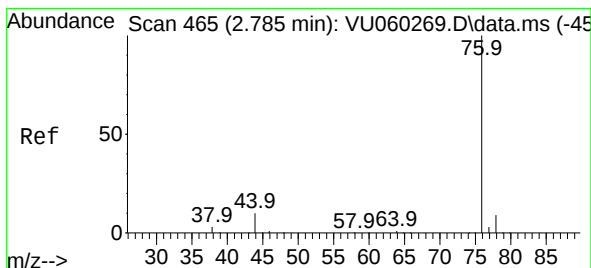
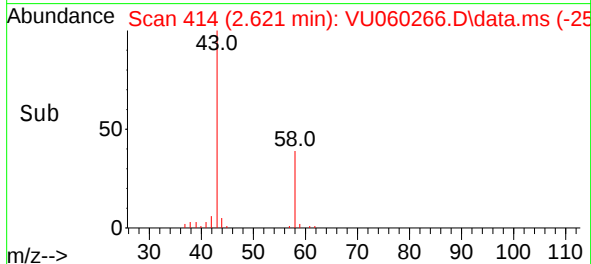
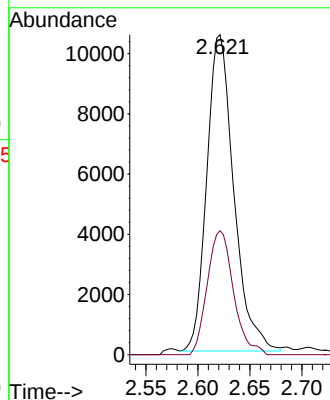
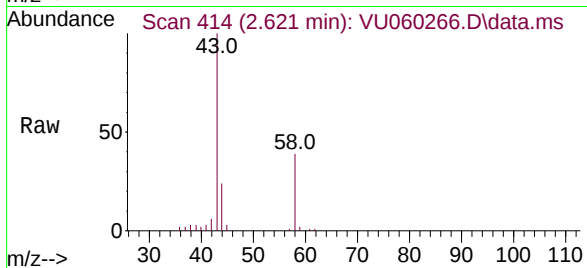
ClientSampleId :

Tgt Ion: 43 Resp: 18991

Ion Ratio Lower Upper

43 100

58 39.2 29.6 44.4



#14

Carbon Disulfide

Concen: 0.978 ug/l

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU060266.D

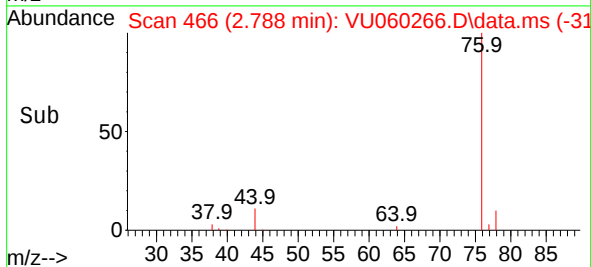
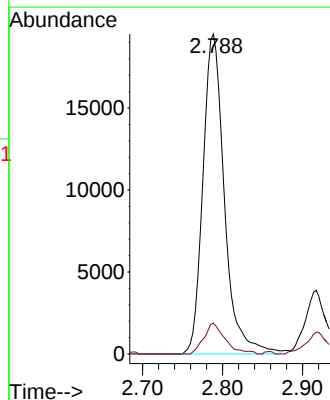
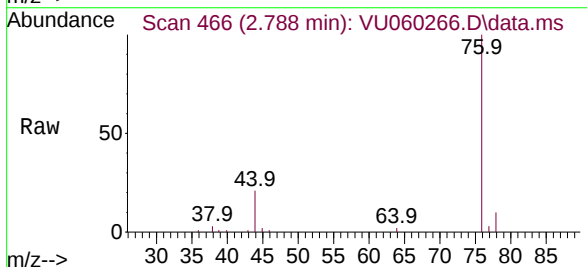
Acq: 30 Jul 2024 15:48

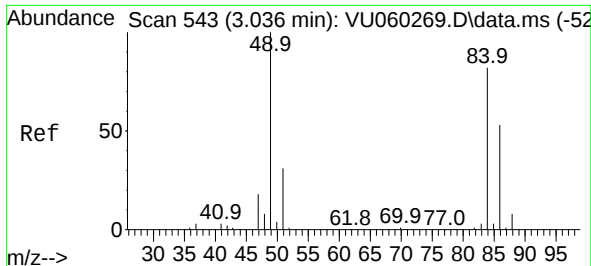
Tgt Ion: 76 Resp: 36459

Ion Ratio Lower Upper

76 100

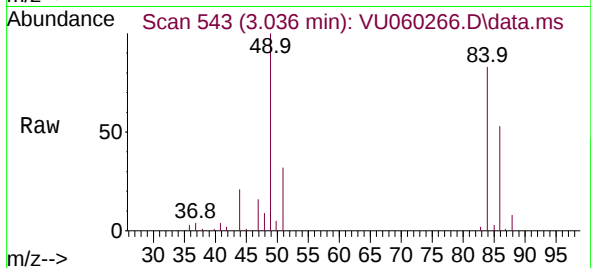
78 9.6 7.4 11.0



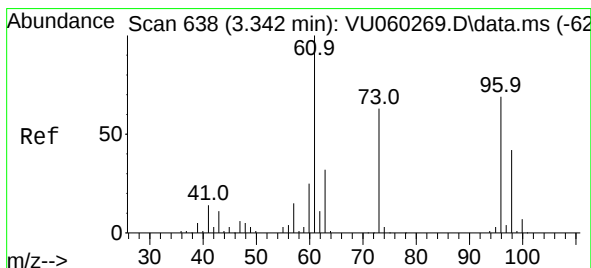
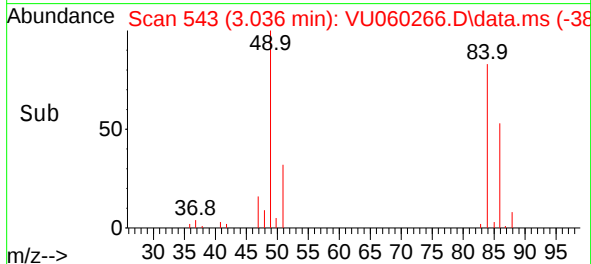
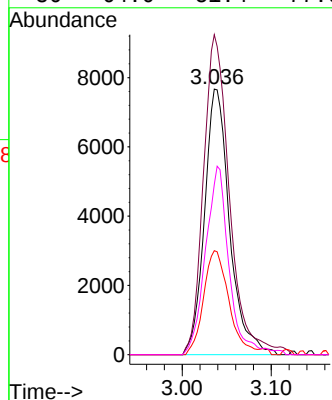


#15
Methylene Chloride
Concen: 1.019 ug/l
RT: 3.036 min Scan# 543
Delta R.T. -0.000 min
Lab File: VU060266.D
Acq: 30 Jul 2024 15:48

Instrument :
MSVOA_U
ClientSampleId :

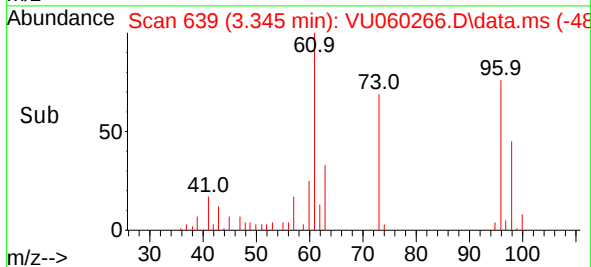
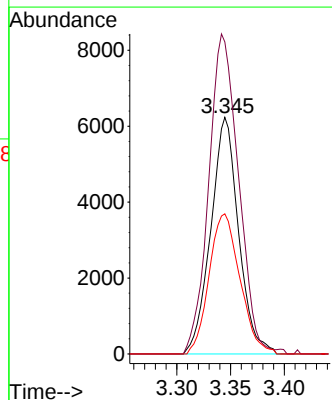
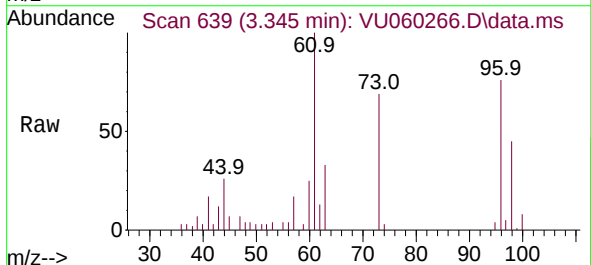


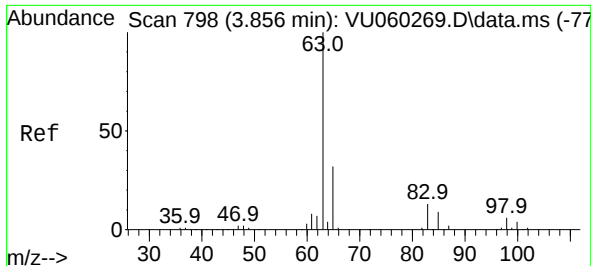
Tgt Ion: 84	Resp: 15010
Ion Ratio	Lower Upper
84 100	
49 120.5	97.1 145.7
51 39.1	0.0 74.6
86 64.0	51.4 77.0



#16
trans-1,2-Dichloroethene
Concen: 0.965 ug/l
RT: 3.345 min Scan# 639
Delta R.T. 0.003 min
Lab File: VU060266.D
Acq: 30 Jul 2024 15:48

Tgt Ion: 96	Resp: 11227
Ion Ratio	Lower Upper
96 100	
61 131.9	116.2 174.4
98 59.3	49.2 73.8





#17

1,1-Dichloroethane

Concen: 0.969 ug/l

RT: 3.859 min Scan# 798

Delta R.T. 0.003 min

Lab File: VU060266.D

Acq: 30 Jul 2024 15:48

Instrument :

MSVOA_U

ClientSampleId :

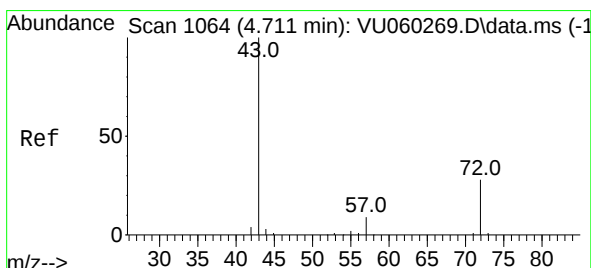
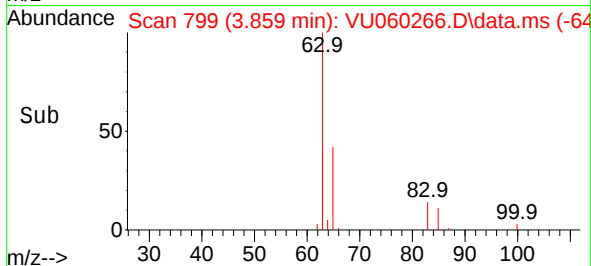
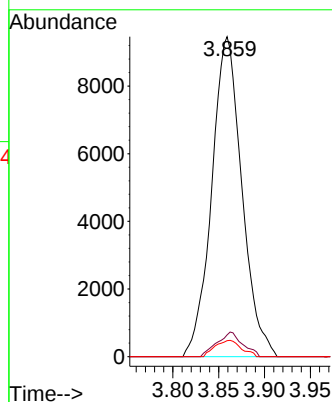
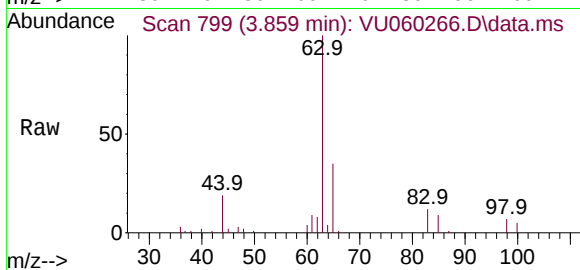
Tgt Ion: 63 Resp: 21645

Ion Ratio Lower Upper

63 100

98 6.8 3.1 9.3

100 5.0 1.8 5.5



#18

2-Butanone

Concen: 5.842 ug/l

RT: 4.714 min Scan# 1065

Delta R.T. 0.003 min

Lab File: VU060266.D

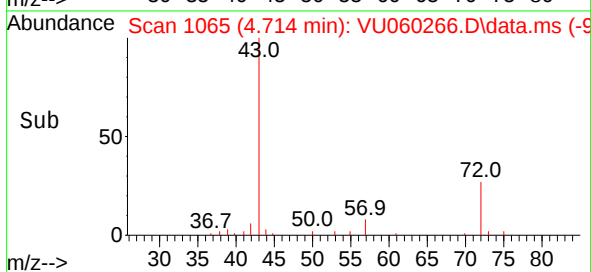
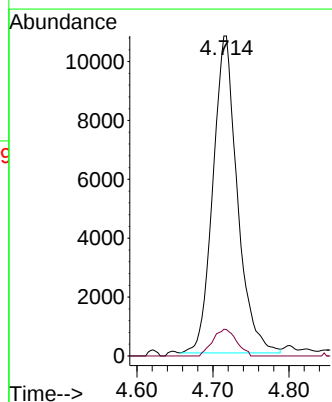
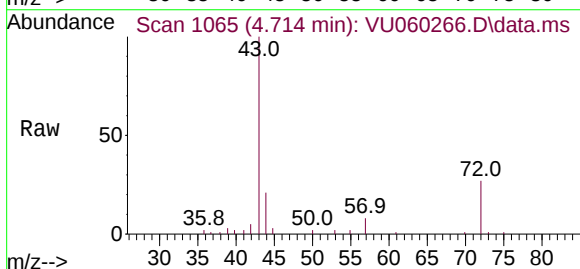
Acq: 30 Jul 2024 15:48

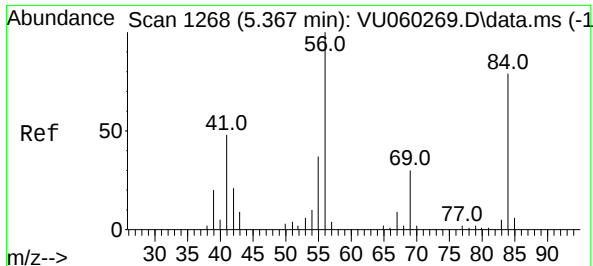
Tgt Ion: 43 Resp: 24020

Ion Ratio Lower Upper

43 100

57 8.4 0.0 18.2

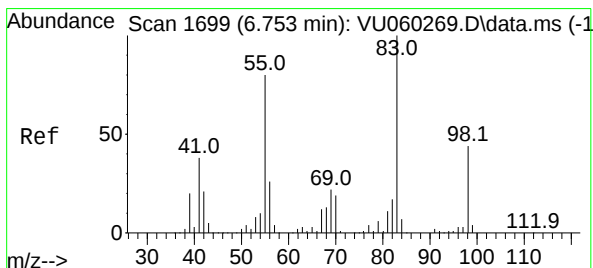
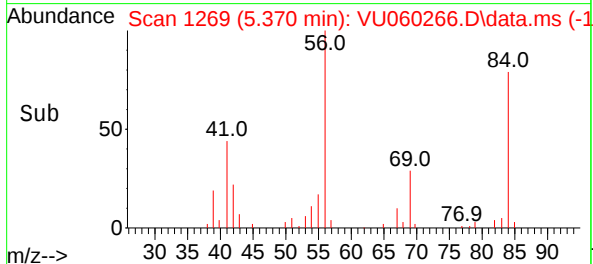
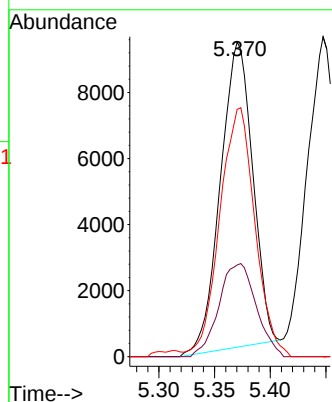
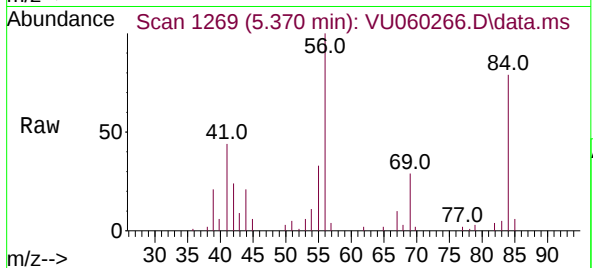




#19
Cyclohexane
Concen: 0.923 ug/l
RT: 5.370 min Scan# 1269
Delta R.T. 0.003 min
Lab File: VU060266.D
Acq: 30 Jul 2024 15:48

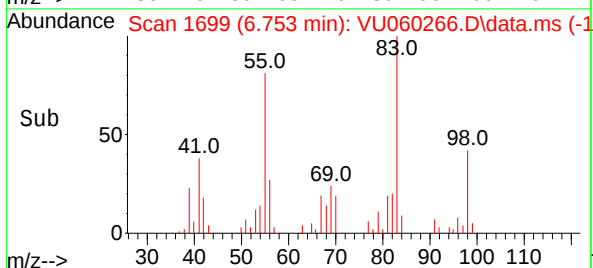
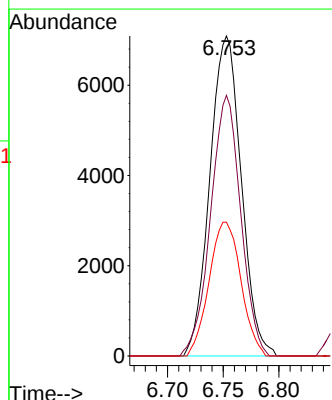
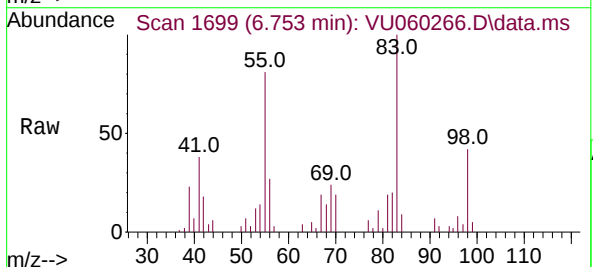
Instrument :
MSVOA_U
ClientSampleId :

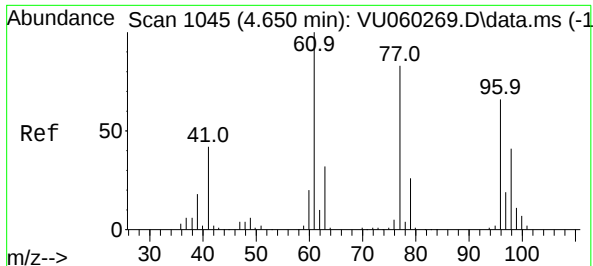
Tgt Ion: 56	Resp: 18639
Ion Ratio	Lower Upper
56	100
69	35.2 24.1 36.1
84	86.6 63.7 95.5



#20
Methylcyclohexane
Concen: 0.874 ug/l
RT: 6.753 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU060266.D
Acq: 30 Jul 2024 15:48

Tgt Ion: 83	Resp: 13909
Ion Ratio	Lower Upper
83	100
55	78.0 64.2 96.2
98	42.4 35.6 53.4

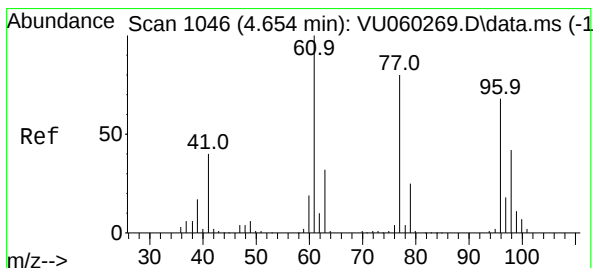
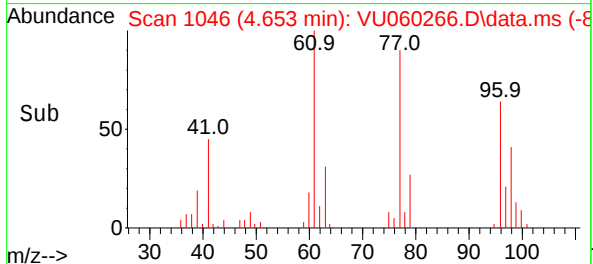
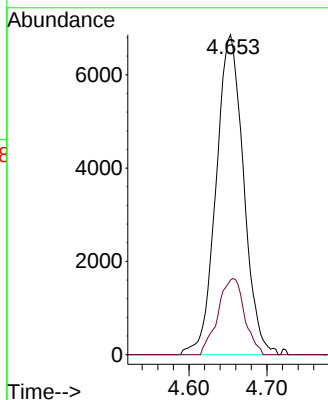
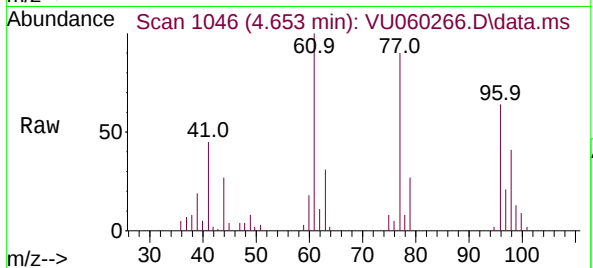




#21
2,2-Dichloropropane
Concen: 1.011 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. 0.003 min
Lab File: VU060266.D
Acq: 30 Jul 2024 15:48

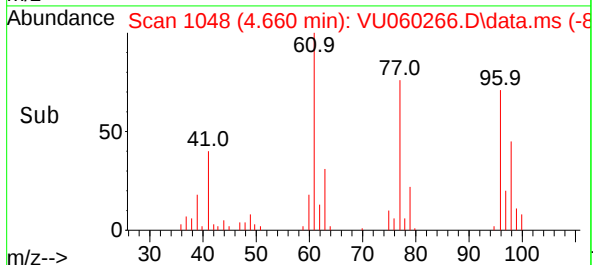
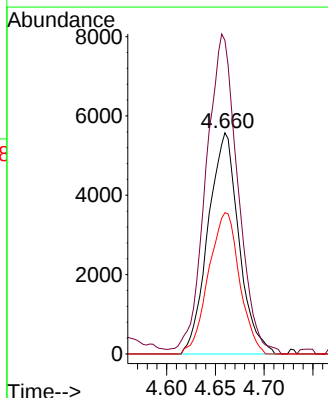
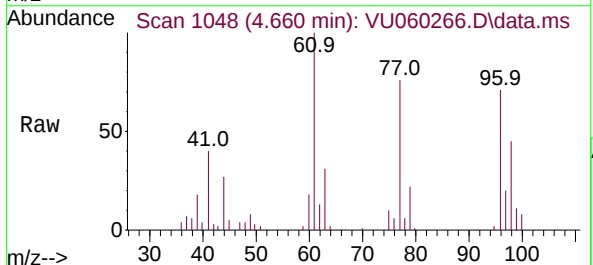
Instrument :
MSVOA_U
ClientSampleId :

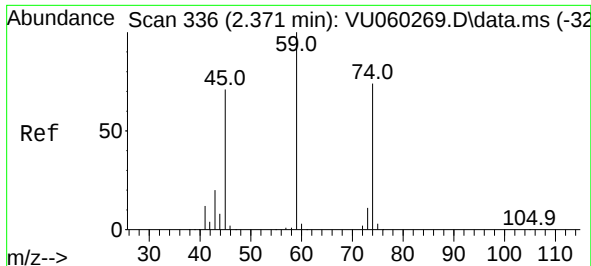
Tgt Ion: 77 Resp: 16791
Ion Ratio Lower Upper
77 100
97 23.0 18.2 27.4



#22
cis-1,2-Dichloroethene
Concen: 0.978 ug/l
RT: 4.660 min Scan# 1048
Delta R.T. 0.006 min
Lab File: VU060266.D
Acq: 30 Jul 2024 15:48

Tgt Ion: 96 Resp: 12251
Ion Ratio Lower Upper
96 100
61 150.2 0.0 375.0
98 64.1 31.9 95.5

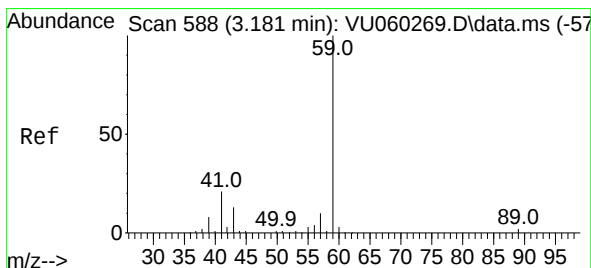
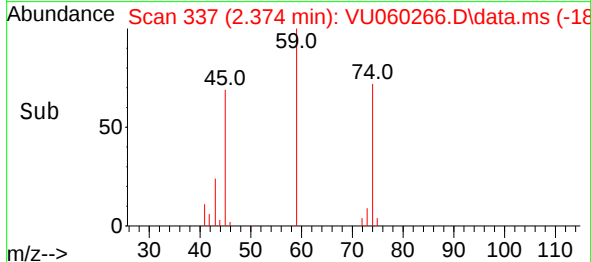
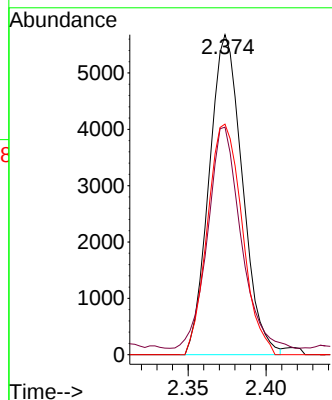
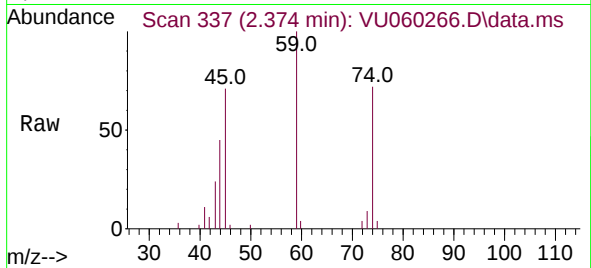




#23
Diethyl Ether
Concen: 0.930 ug/l
RT: 2.374 min Scan# 336
Delta R.T. 0.003 min
Lab File: VU060266.D
Acq: 30 Jul 2024 15:48

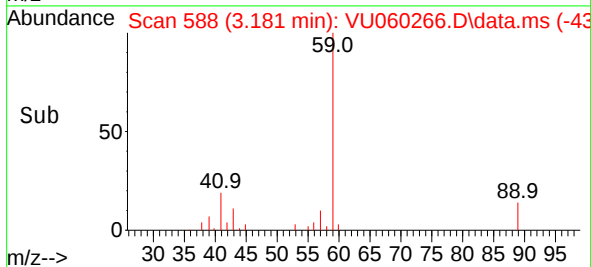
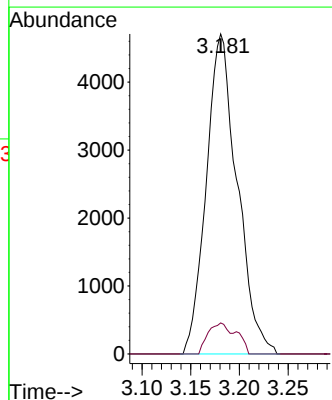
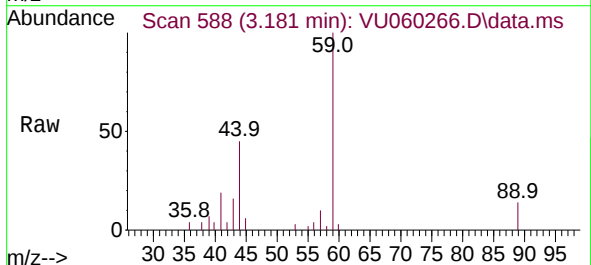
Instrument :
MSVOA_U
ClientSampleId :

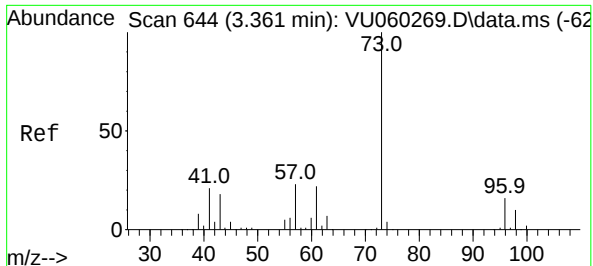
Tgt Ion: 59 Resp: 8398
Ion Ratio Lower Upper
59 100
45 68.7 55.8 83.8
74 75.3 59.0 88.6



#24
tert-Butyl Alcohol
Concen: 10.040 ug/l
RT: 3.181 min Scan# 588
Delta R.T. -0.000 min
Lab File: VU060266.D
Acq: 30 Jul 2024 15:48

Tgt Ion: 59 Resp: 10389
Ion Ratio Lower Upper
59 100
57 8.8 7.8 11.8





#25

Methyl tert-Butyl Ether

Concen: 0.982 ug/l

RT: 3.361 min Scan# 644

Delta R.T. -0.000 min

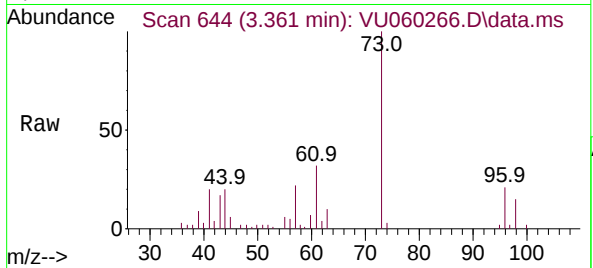
Lab File: VU060266.D

Acq: 30 Jul 2024 15:48

Instrument :

MSVOA_U

ClientSampleId :

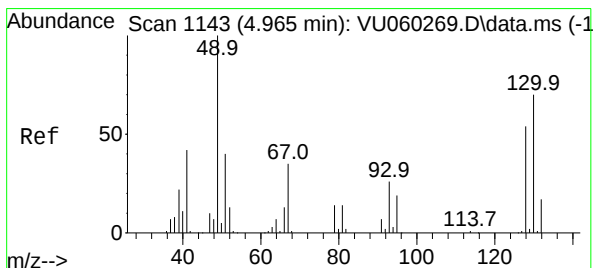
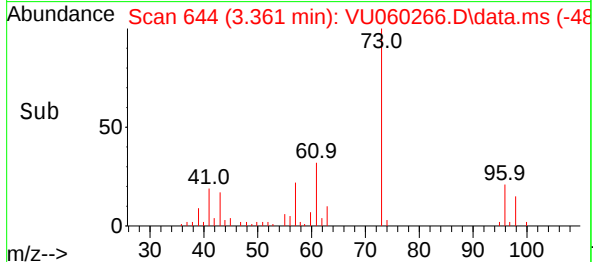
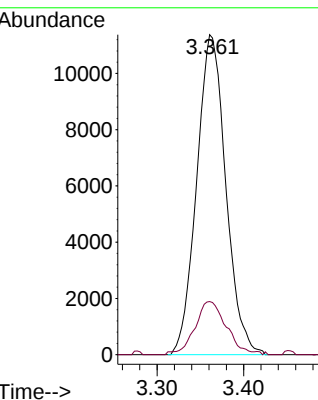


Tgt Ion: 73 Resp: 26604

Ion Ratio Lower Upper

73 100

43 18.0 14.2 21.4



#26

Bromochloromethane

Concen: 0.982 ug/l

RT: 4.965 min Scan# 1143

Delta R.T. -0.000 min

Lab File: VU060266.D

Acq: 30 Jul 2024 15:48

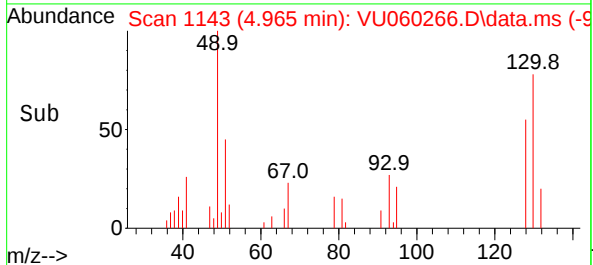
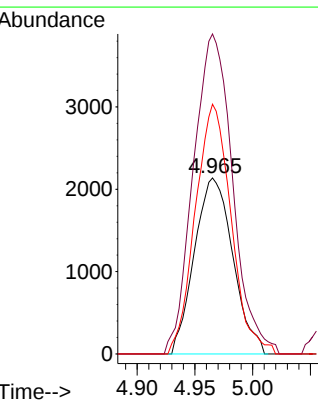
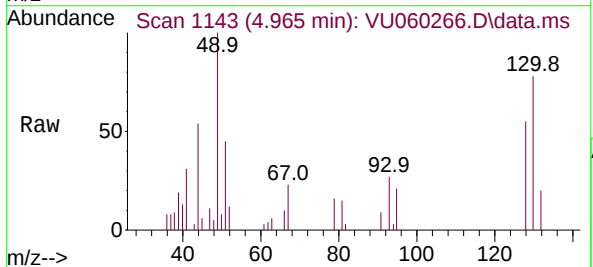
Tgt Ion: 128 Resp: 4953

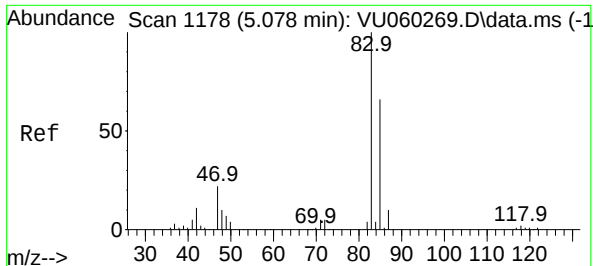
Ion Ratio Lower Upper

128 100

49 185.7 0.0 372.2

130 132.1 101.0 151.6





#27

Chloroform

Concen: 0.979 ug/l

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU060266.D

Acq: 30 Jul 2024 15:48

Instrument :

MSVOA_U

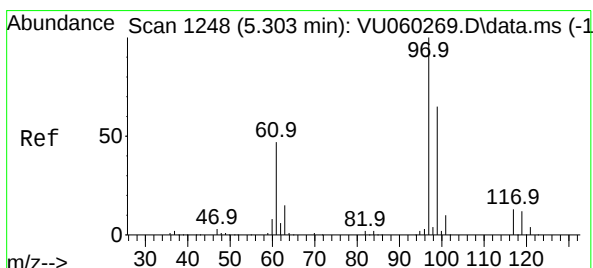
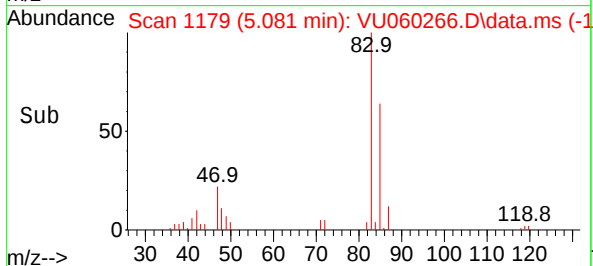
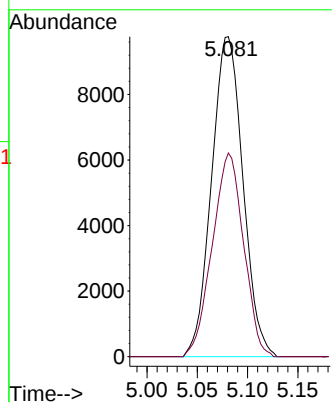
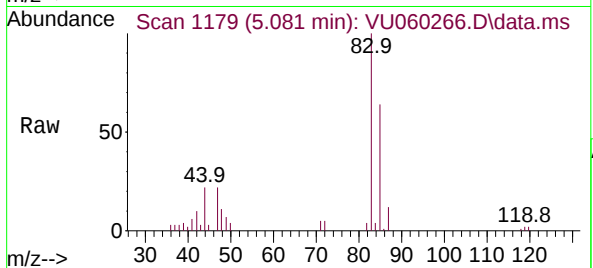
ClientSampleId :

Tgt Ion: 83 Resp: 21206

Ion Ratio Lower Upper

83 100

85 63.6 0.0 131.4



#28

1,1,1-Trichloroethane

Concen: 0.960 ug/l

RT: 5.303 min Scan# 1248

Delta R.T. -0.000 min

Lab File: VU060266.D

Acq: 30 Jul 2024 15:48

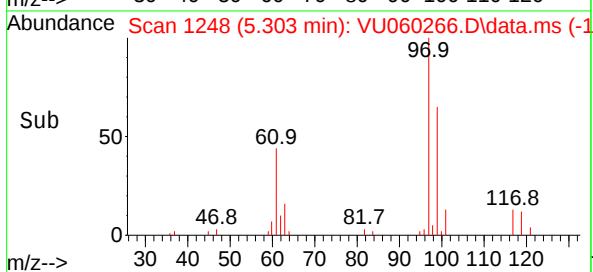
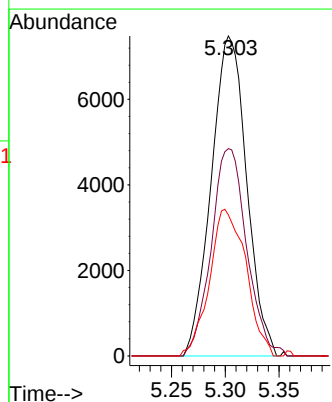
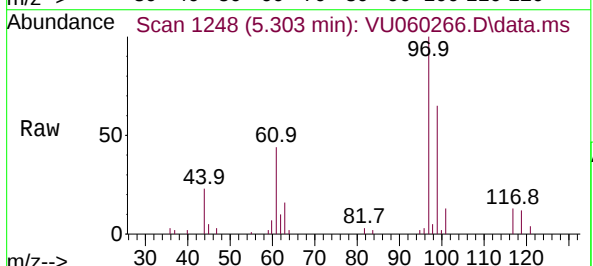
Tgt Ion: 97 Resp: 17138

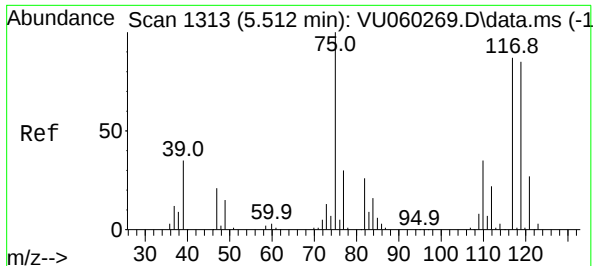
Ion Ratio Lower Upper

97 100

99 64.9 31.9 95.9

61 47.2 23.4 70.0

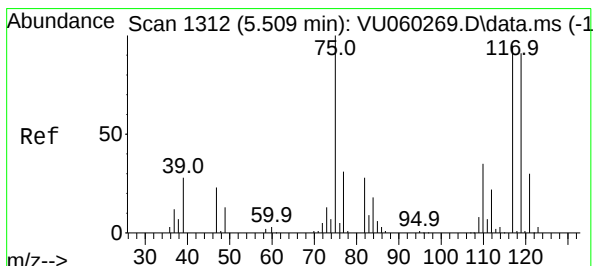
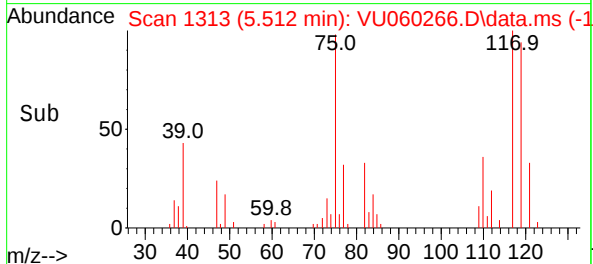
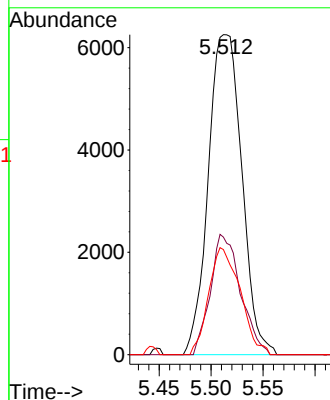
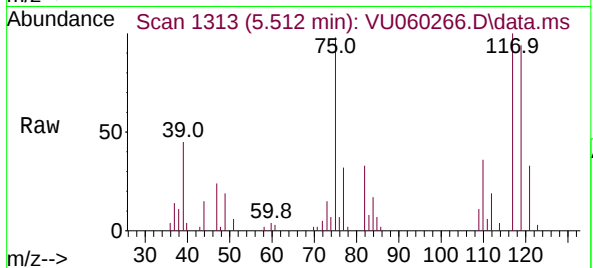




#29
1,1-Dichloropropene
Concen: 0.970 ug/l
RT: 5.512 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VU060266.D
Acq: 30 Jul 2024 15:48

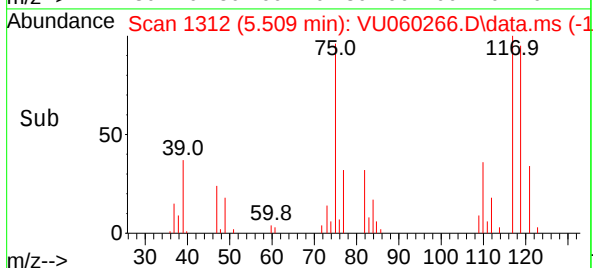
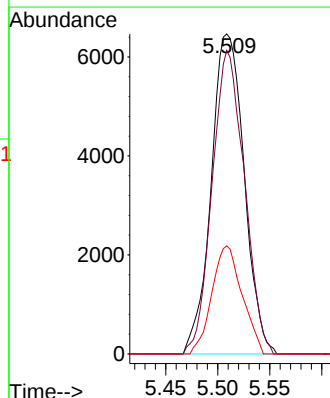
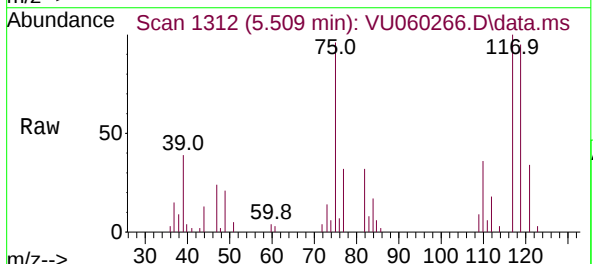
Instrument :
MSVOA_U
ClientSampleId :

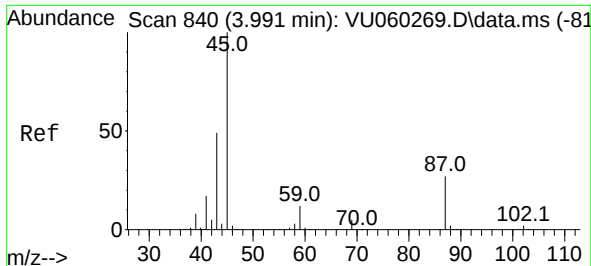
Tgt Ion: 75 Resp: 14050
Ion Ratio Lower Upper
75 100
110 33.8 17.4 52.3
77 31.4 25.1 37.7



#30
Carbon Tetrachloride
Concen: 0.987 ug/l
RT: 5.509 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VU060266.D
Acq: 30 Jul 2024 15:48

Tgt Ion: 117 Resp: 14288
Ion Ratio Lower Upper
117 100
119 94.8 76.7 115.1
121 33.8 25.0 37.4

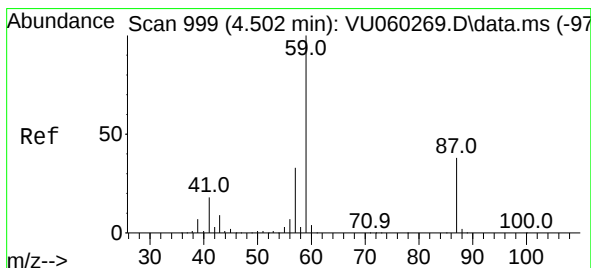
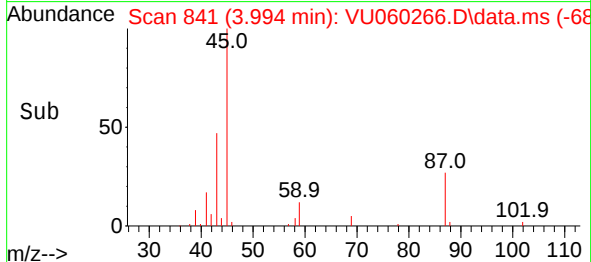
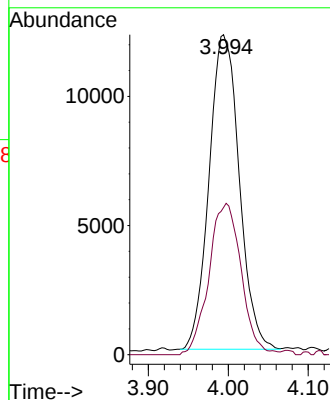
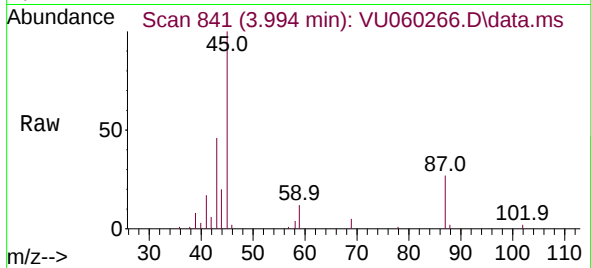




#31
Isopropyl Ether
Concen: 0.949 ug/l
RT: 3.994 min Scan# 841
Delta R.T. 0.003 min
Lab File: VU060266.D
Acq: 30 Jul 2024 15:48

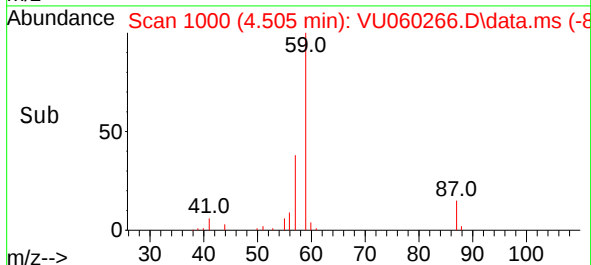
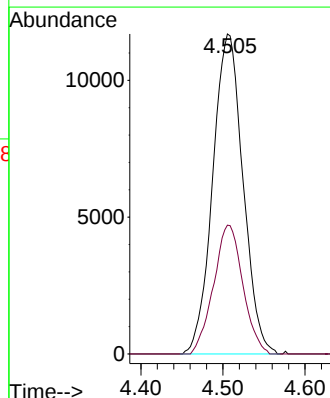
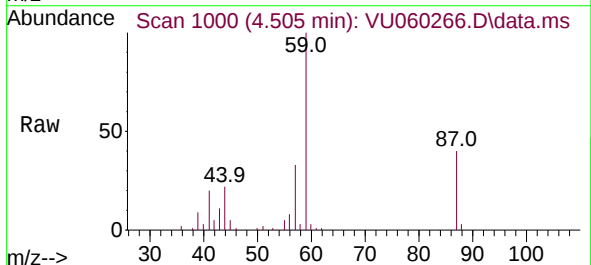
Instrument :
MSVOA_U
ClientSampleId :

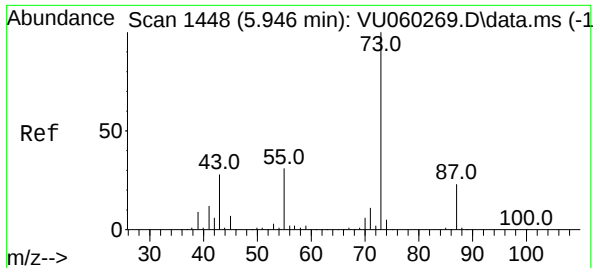
Tgt Ion: 45 Resp: 31893
Ion Ratio Lower Upper
45 100
43 51.4 24.6 74.0



#32
Ethyl-t-butyl ether
Concen: 0.952 ug/l
RT: 4.505 min Scan# 1000
Delta R.T. 0.003 min
Lab File: VU060266.D
Acq: 30 Jul 2024 15:48

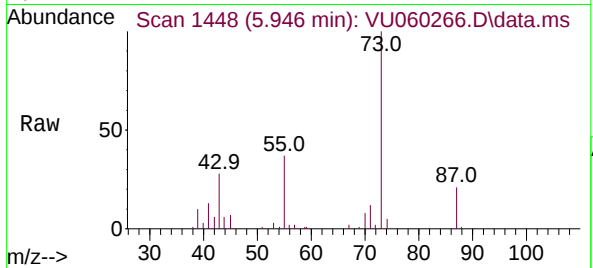
Tgt Ion: 59 Resp: 29977
Ion Ratio Lower Upper
59 100
87 38.9 31.0 46.6



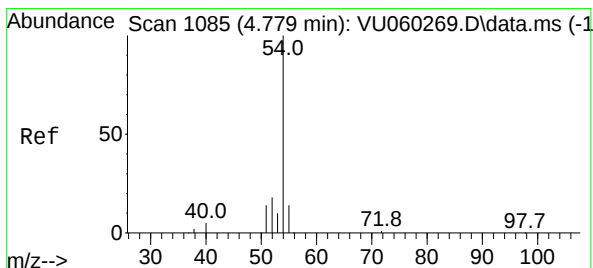
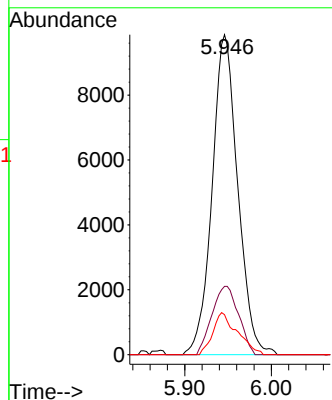
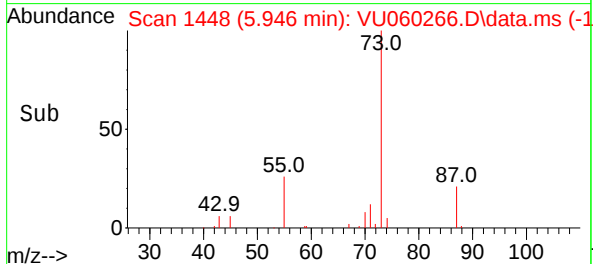


#33
Tert-Amyl methyl ether
Concen: 0.899 ug/l
RT: 5.946 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VU060266.D
Acq: 30 Jul 2024 15:48

Instrument :
MSVOA_U
ClientSampleId :

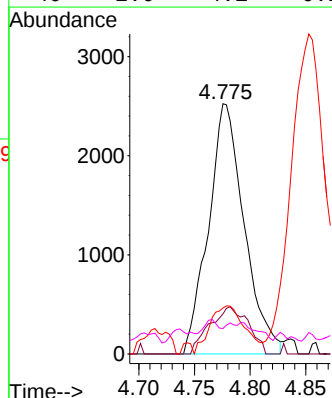
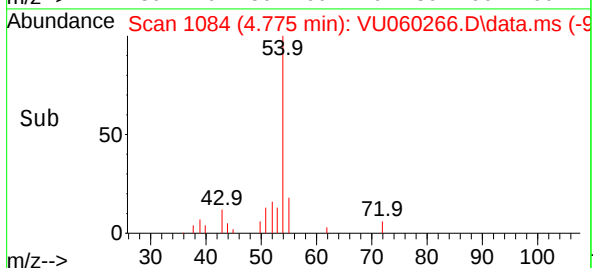
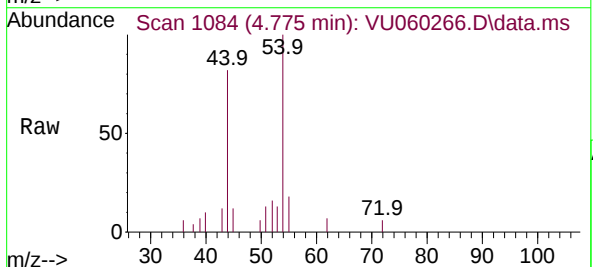


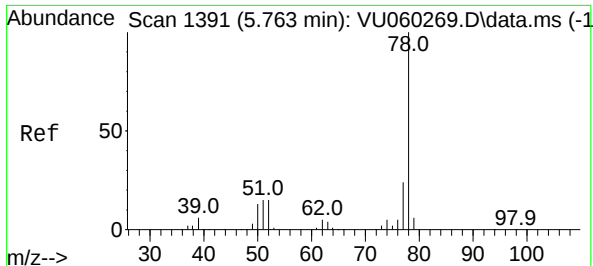
Tgt Ion: 73 Resp: 20267
Ion Ratio Lower Upper
73 100
87 22.1 18.7 28.1
71 12.5 9.5 14.3



#34
Propionitrile
Concen: 4.800 ug/l
RT: 4.775 min Scan# 1084
Delta R.T. -0.003 min
Lab File: VU060266.D
Acq: 30 Jul 2024 15:48

Tgt Ion: 54 Resp: 5623
Ion Ratio Lower Upper
54 100
52 20.4 15.1 22.7
55 18.9 12.5 18.7#
40 2.0 4.1 6.1#





#35

Benzene

Concen: 0.949 ug/l

RT: 5.766 min Scan# 1392

Delta R.T. 0.003 min

Lab File: VU060266.D

Acq: 30 Jul 2024 15:48

Instrument :

MSVOA_U

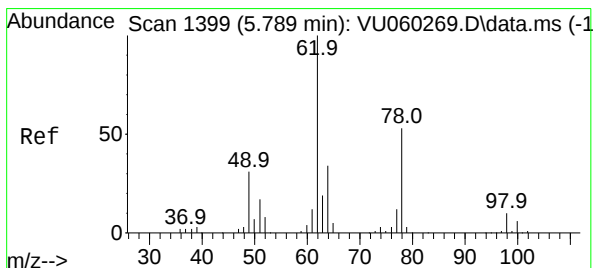
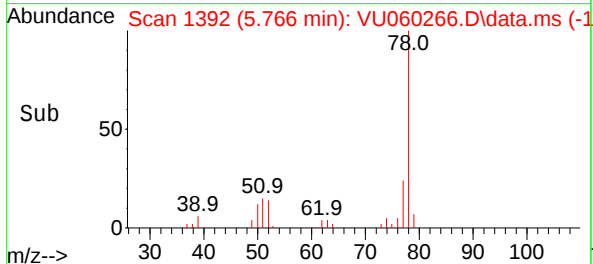
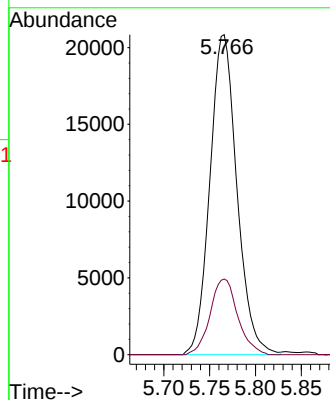
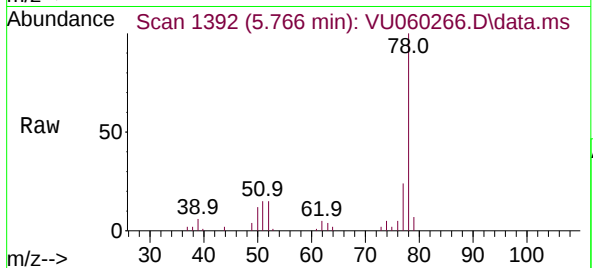
ClientSampleId :

Tgt Ion: 78 Resp: 42690

Ion Ratio Lower Upper

78 100

77 23.7 19.4 29.0



#36

1,2-Dichloroethane

Concen: 0.949 ug/l

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU060266.D

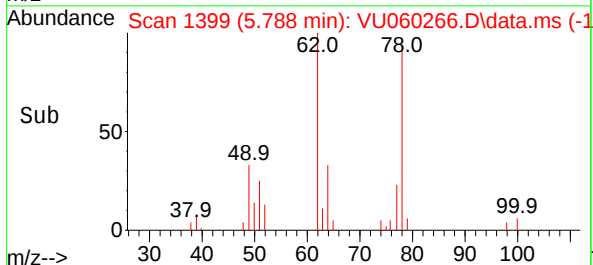
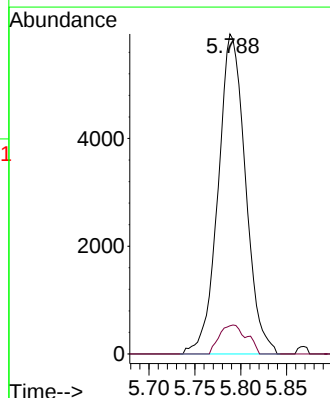
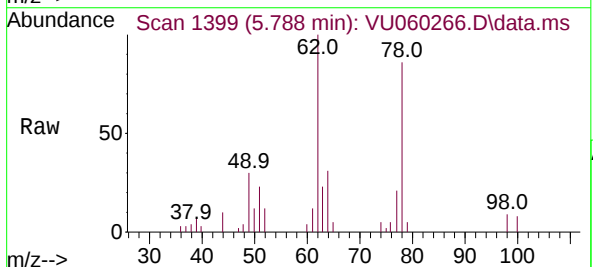
Acq: 30 Jul 2024 15:48

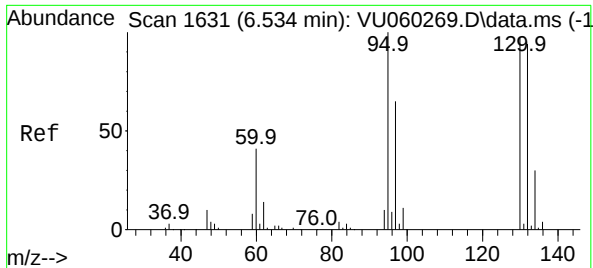
Tgt Ion: 62 Resp: 12327

Ion Ratio Lower Upper

62 100

98 9.0 7.3 10.9

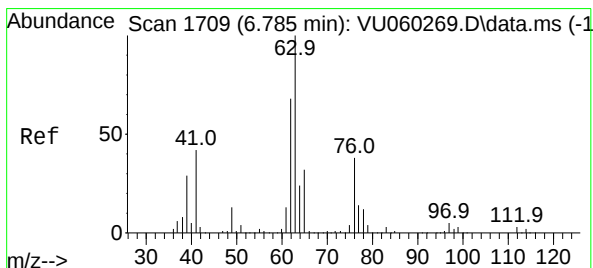
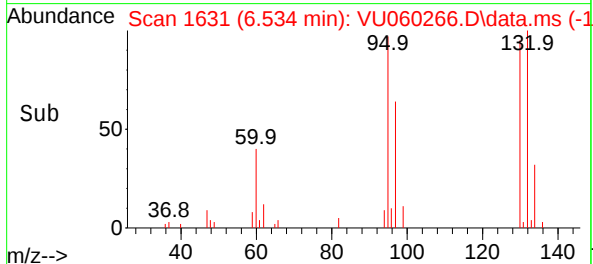
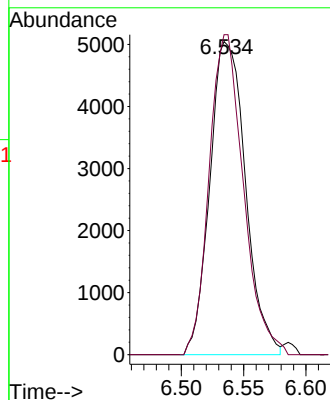
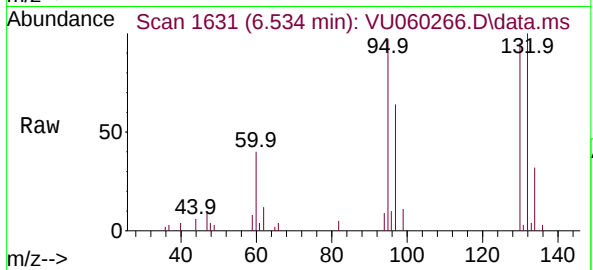




#37
Trichloroethene
Concen: 0.907 ug/l
RT: 6.534 min Scan# 1710
Delta R.T. -0.000 min
Lab File: VU060266.D
Acq: 30 Jul 2024 15:48

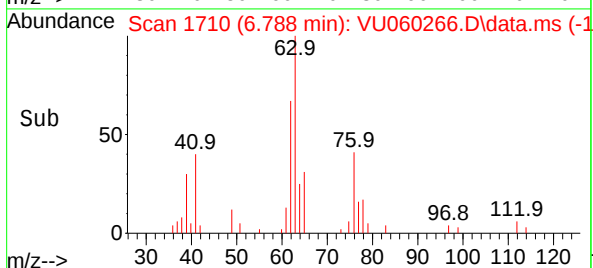
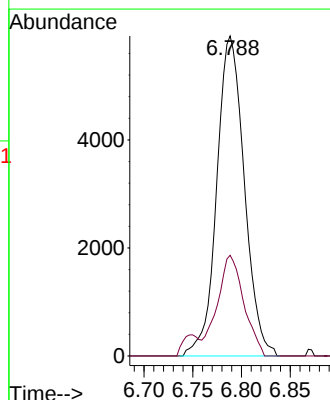
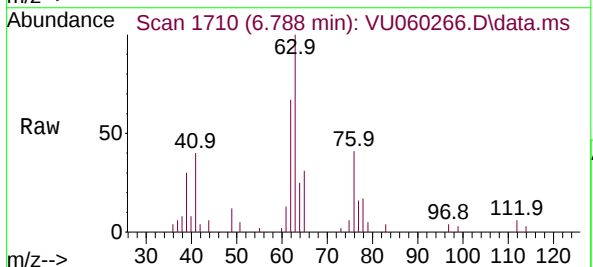
Instrument :
MSVOA_U
ClientSampleId :

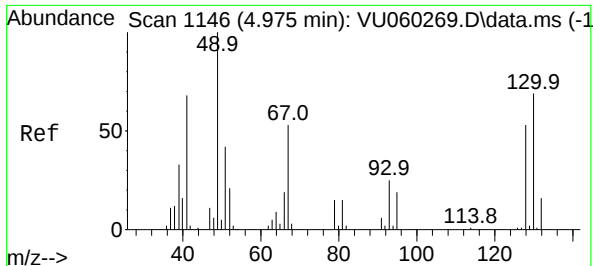
Tgt Ion:130 Resp: 10053
Ion Ratio Lower Upper
130 100
95 102.2 82.9 124.3



#38
1,2-Dichloropropane
Concen: 0.932 ug/l
RT: 6.788 min Scan# 1710
Delta R.T. 0.003 min
Lab File: VU060266.D
Acq: 30 Jul 2024 15:48

Tgt Ion: 63 Resp: 11652
Ion Ratio Lower Upper
63 100
65 31.4 25.7 38.5





#39

Methacrylonitrile

Concen: 0.939 ug/l

RT: 4.975 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VU060266.D

Acq: 30 Jul 2024 15:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 41 Resp: 4223

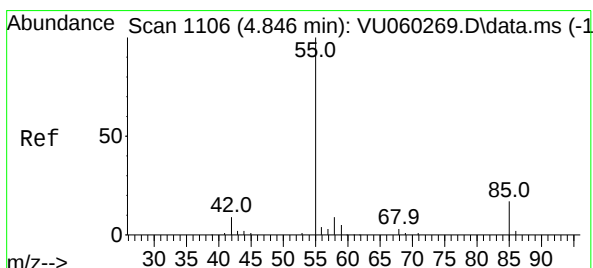
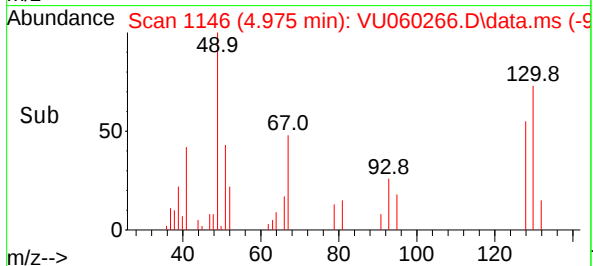
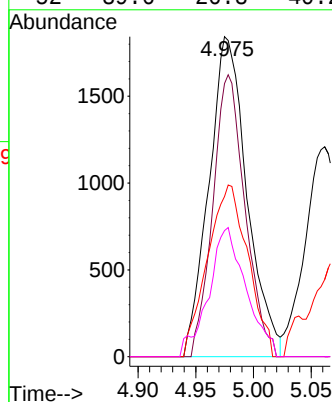
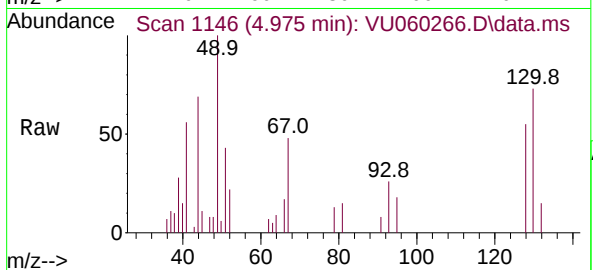
Ion Ratio Lower Upper

41 100

67 74.8 64.1 96.1

39 57.0 40.2 60.4

52 39.6 26.8 40.2



#40

Methyl acrylate

Concen: 0.994 ug/l

RT: 4.853 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VU060266.D

Acq: 30 Jul 2024 15:48

Tgt Ion: 55 Resp: 7343

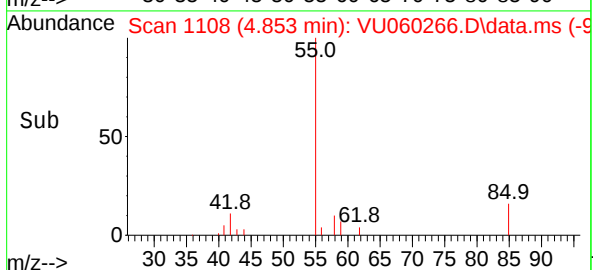
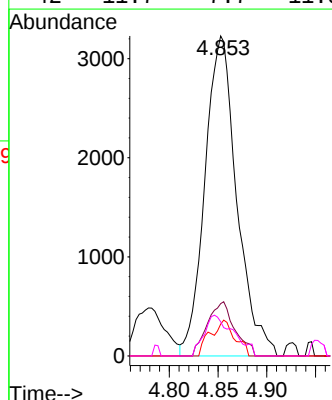
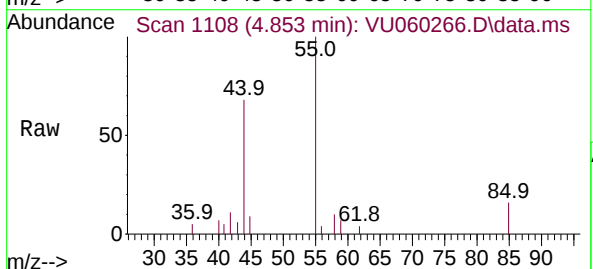
Ion Ratio Lower Upper

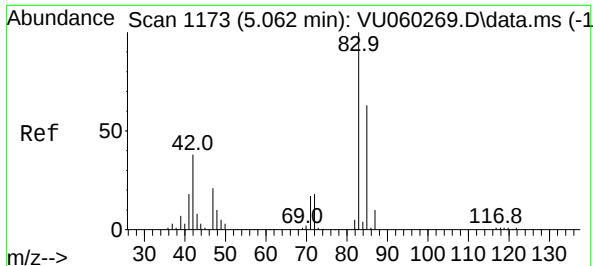
55 100

85 14.6 13.1 19.7

58 6.0 6.9 10.3#

42 11.7 7.7 11.5#





#41

Tetrahydrofuran

Concen: 2.000 ug/l

RT: 5.065 min Scan# 1173

Delta R.T. 0.003 min

Lab File: VU060266.D

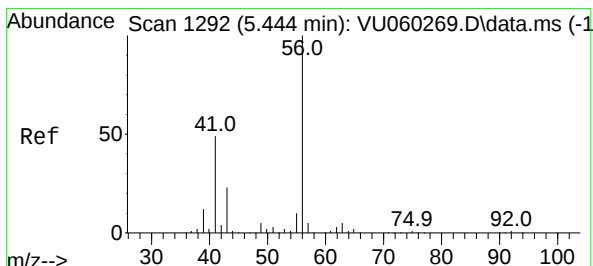
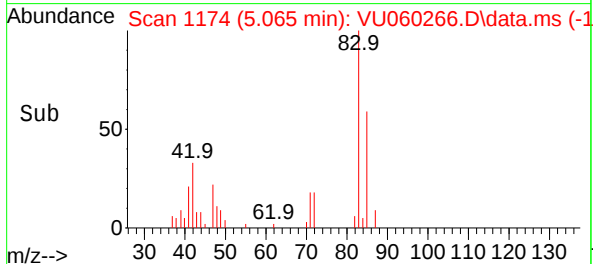
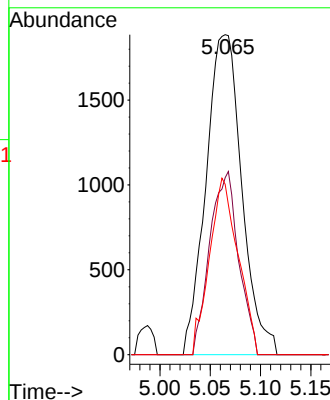
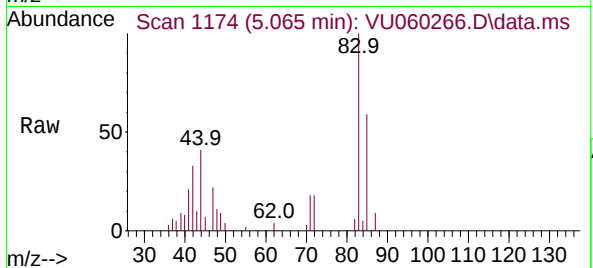
Acq: 30 Jul 2024 15:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	42	Resp:	4674
Ion Ratio	Lower	Upper	
42	100		
72	46.0	38.1	57.1
71	44.0	35.4	53.0



#42

1-Chlorobutane

Concen: 0.960 ug/l

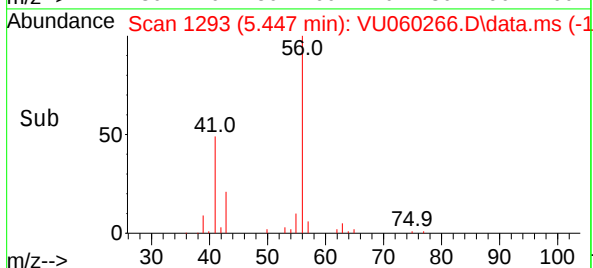
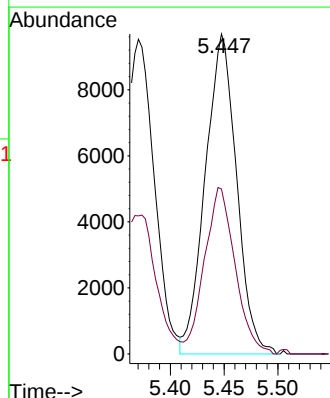
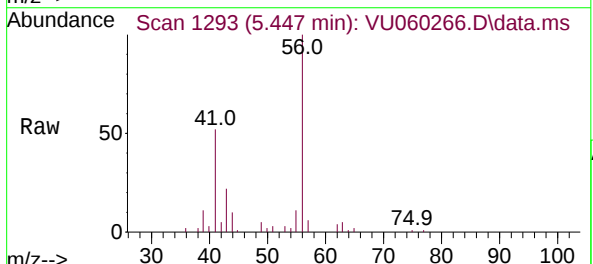
RT: 5.447 min Scan# 1293

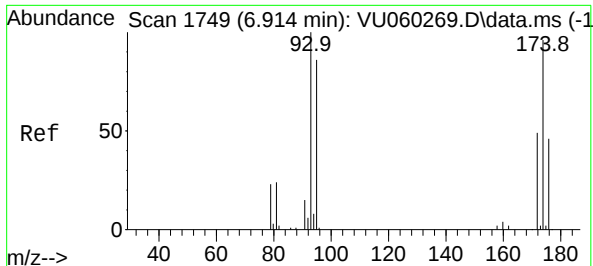
Delta R.T. 0.003 min

Lab File: VU060266.D

Acq: 30 Jul 2024 15:48

Tgt Ion:	56	Resp:	19577
Ion Ratio	Lower	Upper	
56	100		
41	51.0	24.5	73.5





#43

Dibromomethane

Concen: 0.924 ug/l

RT: 6.917 min Scan# 1750

Delta R.T. 0.003 min

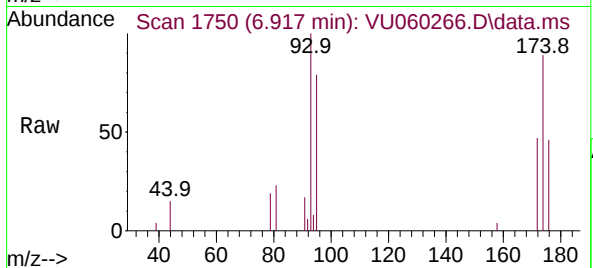
Lab File: VU060266.D

Acq: 30 Jul 2024 15:48

Instrument :

MSVOA_U

ClientSampleId :



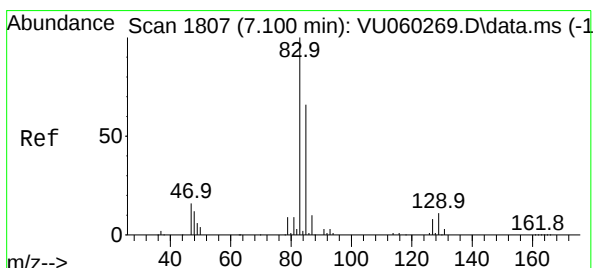
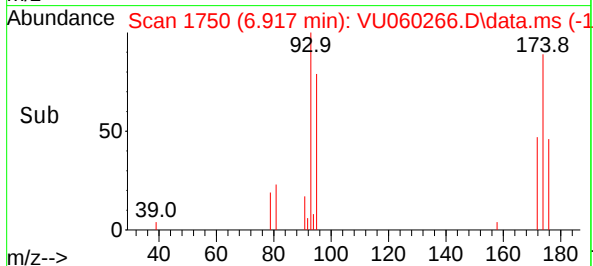
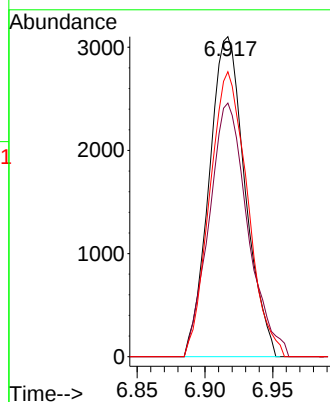
Tgt Ion: 93 Resp: 5722

Ion Ratio Lower Upper

93 100

95 85.1 68.0 102.0

174 93.3 74.7 112.1



#44

Bromodichloromethane

Concen: 0.976 ug/l

RT: 7.103 min Scan# 1808

Delta R.T. 0.003 min

Lab File: VU060266.D

Acq: 30 Jul 2024 15:48

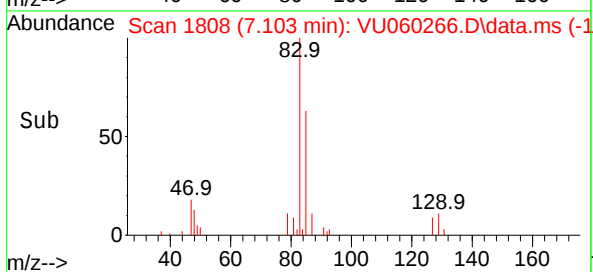
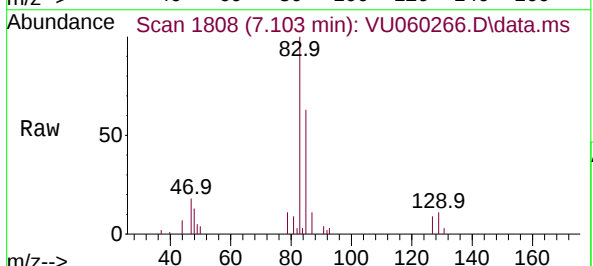
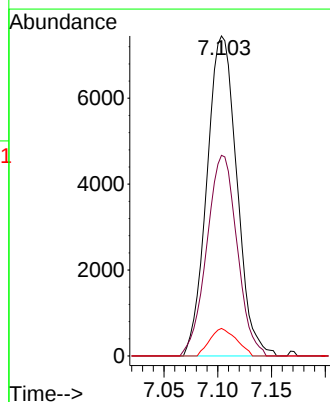
Tgt Ion: 83 Resp: 14443

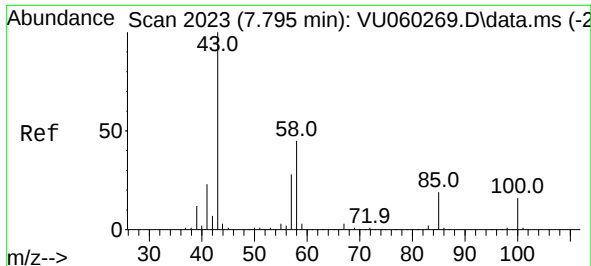
Ion Ratio Lower Upper

83 100

85 62.7 52.6 79.0

127 8.6 6.6 9.8

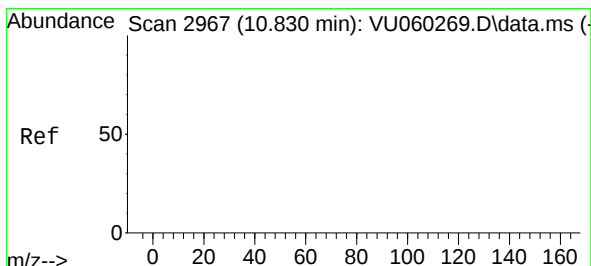
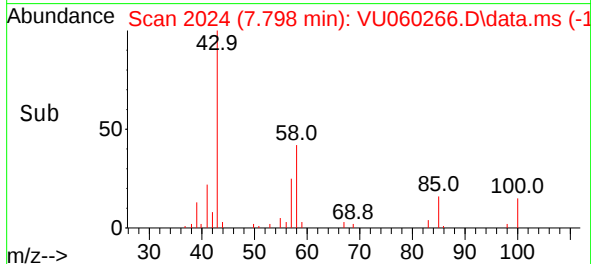
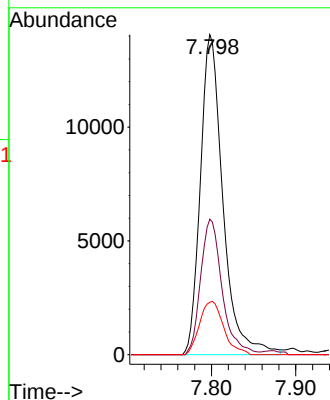
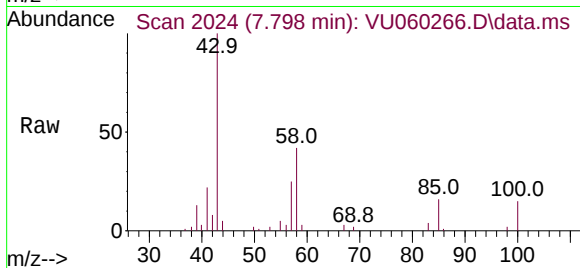




#45
4-Methyl-2-Pentanone
Concen: 4.203 ug/l
RT: 7.798 min Scan# 2023
Delta R.T. 0.003 min
Lab File: VU060266.D
Acq: 30 Jul 2024 15:48

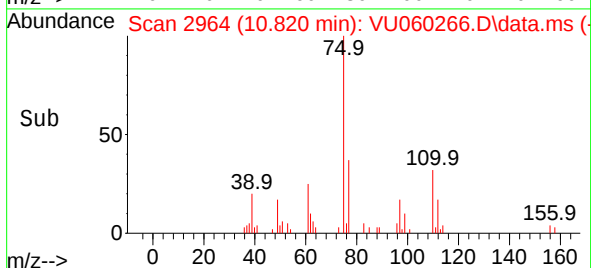
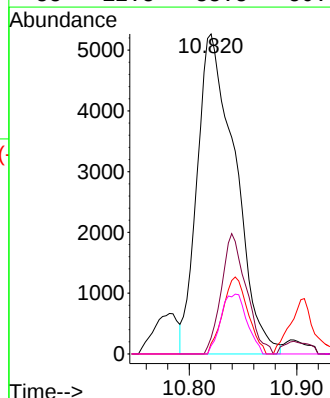
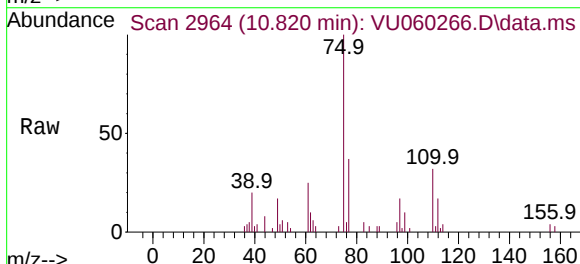
Instrument :
MSVOA_U
ClientSampleId :

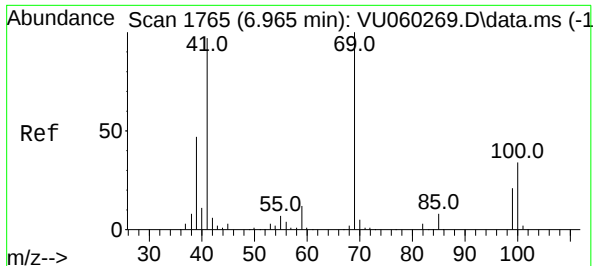
Tgt Ion: 43 Resp: 26196
Ion Ratio Lower Upper
43 100
58 40.4 22.1 66.5
85 17.7 15.4 23.0



#46
t-1,4-Dichloro-2-butene
Concen: 4.943 ug/l
RT: 10.820 min Scan# 2964
Delta R.T. -0.010 min
Lab File: VU060266.D
Acq: 30 Jul 2024 15:48

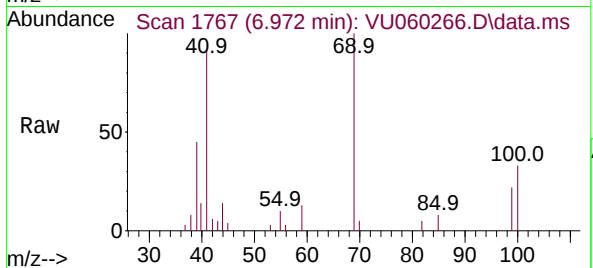
Tgt Ion: 75 Resp: 12902
Ion Ratio Lower Upper
75 100
53 24.7 66.4 99.6#
89 15.9 45.7 68.5#
88 12.8 33.8 50.6#



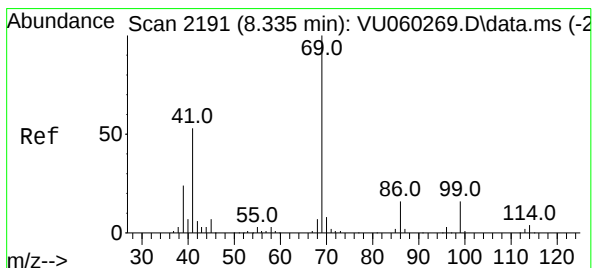
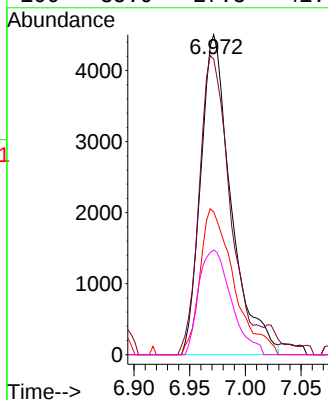
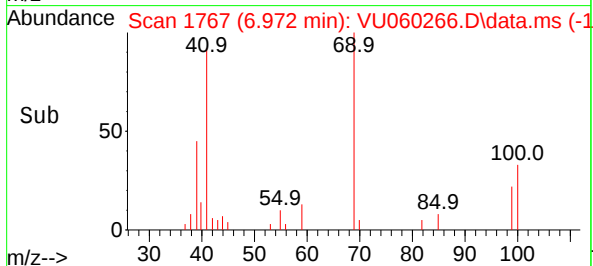


#47
Methyl methacrylate
Concen: 1.581 ug/l
RT: 6.972 min Scan# 1767
Delta R.T. 0.006 min
Lab File: VU060266.D
Acq: 30 Jul 2024 15:48

Instrument :
MSVOA_U
ClientSampleId :

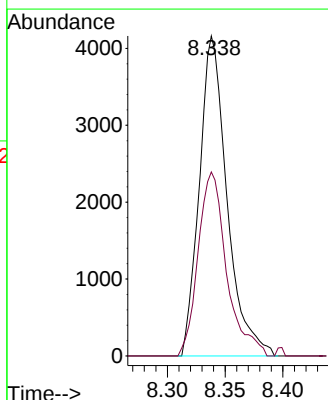
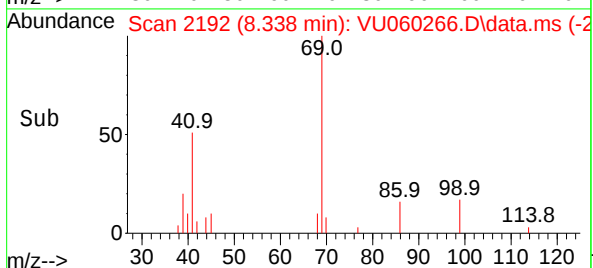
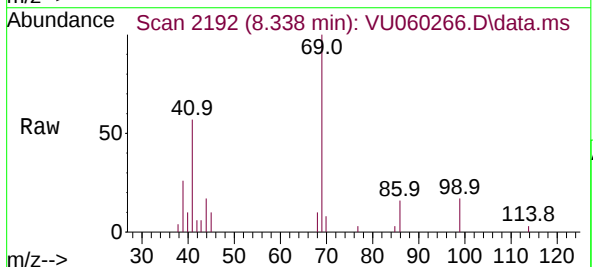


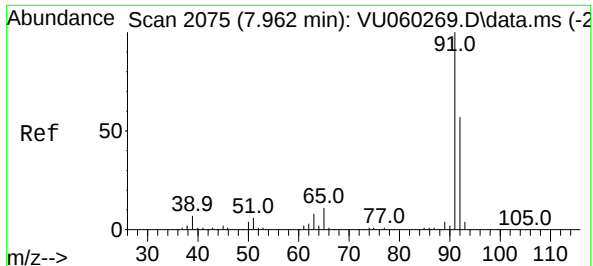
Tgt Ion: 69 Resp: 8558
Ion Ratio Lower Upper
69 100
41 95.4 0.0 192.4
39 50.5 37.8 56.6
100 35.0 27.8 41.6



#48
Ethyl methacrylate
Concen: 0.985 ug/l
RT: 8.338 min Scan# 2192
Delta R.T. 0.003 min
Lab File: VU060266.D
Acq: 30 Jul 2024 15:48

Tgt Ion: 69 Resp: 6935
Ion Ratio Lower Upper
69 100
41 59.0 27.8 83.4





#49

Toluene

Concen: 0.828 ug/l

RT: 7.965 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU060266.D

Acq: 30 Jul 2024 15:48

Instrument :

MSVOA_U

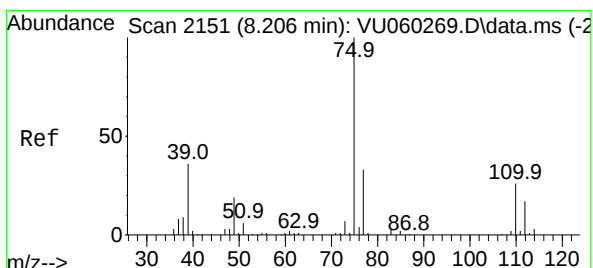
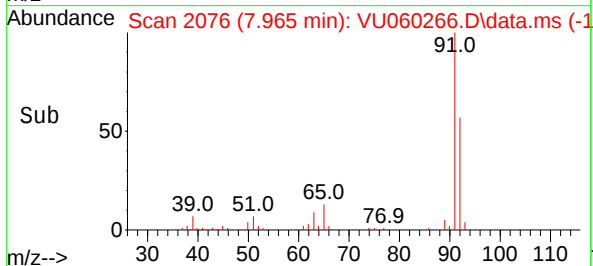
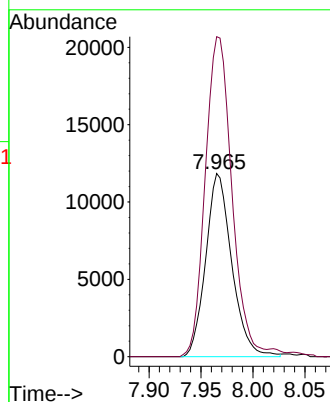
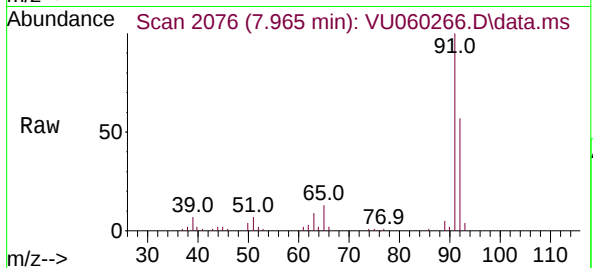
ClientSampleId :

Tgt Ion: 92 Resp: 20659

Ion Ratio Lower Upper

92 100

91 177.8 143.0 214.6



#50

t-1,3-Dichloropropene

Concen: 0.896 ug/l

RT: 8.209 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU060266.D

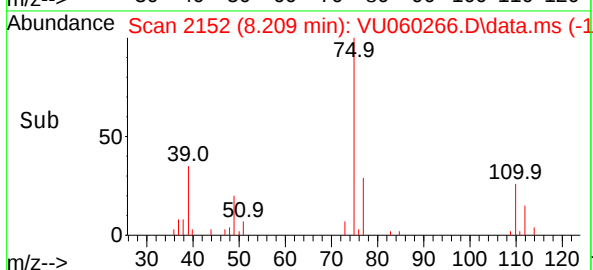
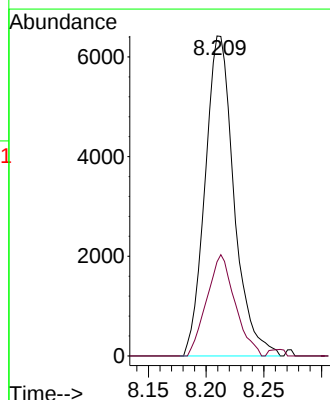
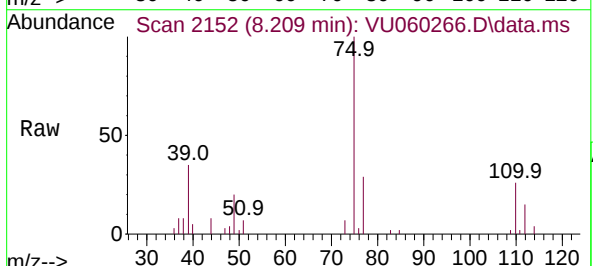
Acq: 30 Jul 2024 15:48

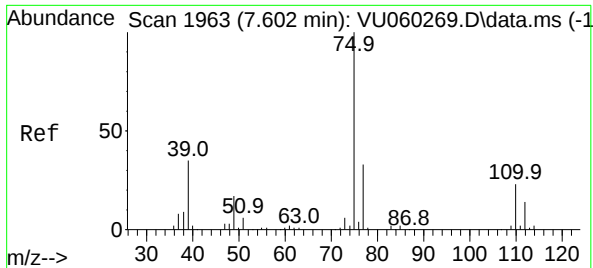
Tgt Ion: 75 Resp: 11176

Ion Ratio Lower Upper

75 100

77 29.4 26.1 39.1

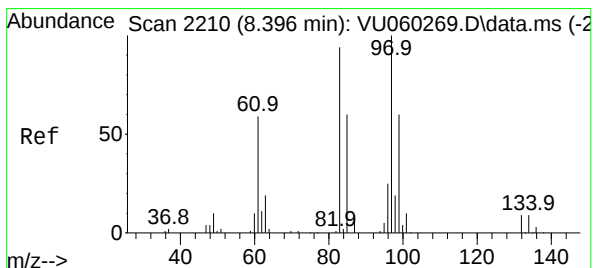
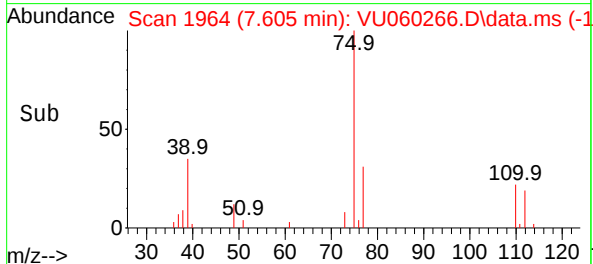
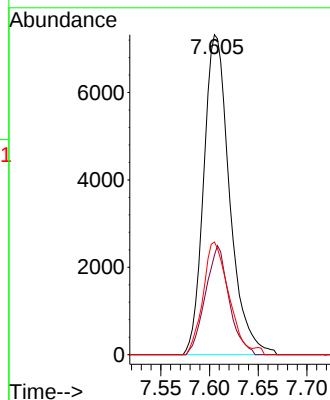
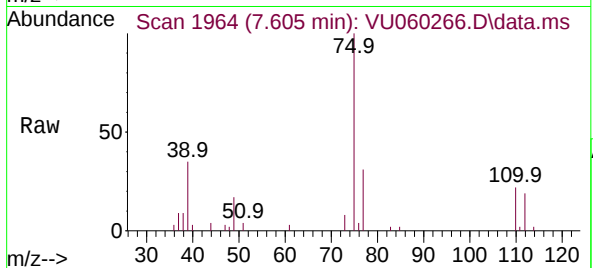




#51
 cis-1,3-Dichloropropene
 Concen: 0.910 ug/l
 RT: 7.605 min Scan# 1963
 Delta R.T. 0.003 min
 Lab File: VU060266.D
 Acq: 30 Jul 2024 15:48

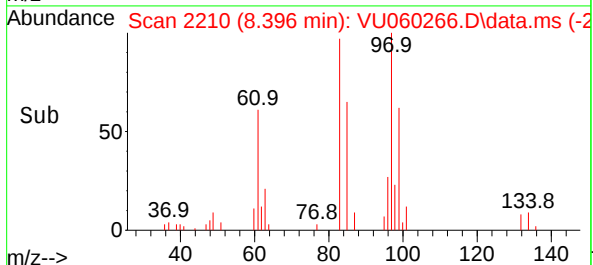
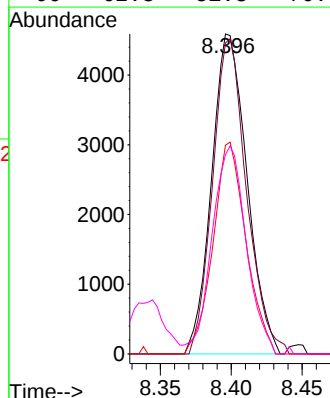
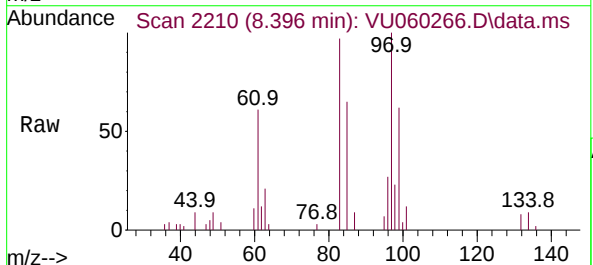
Instrument :
 MSVOA_U
 ClientSampleId :

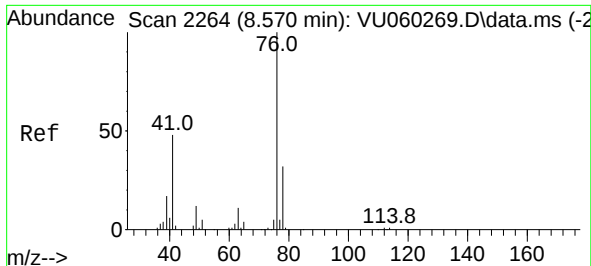
Tgt Ion: 75 Resp: 13530
 Ion Ratio Lower Upper
 75 100
 77 31.1 26.2 39.2
 39 35.2 27.9 41.9



#52
 1,1,2-Trichloroethane
 Concen: 0.891 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. -0.000 min
 Lab File: VU060266.D
 Acq: 30 Jul 2024 15:48

Tgt Ion: 97 Resp: 7971
 Ion Ratio Lower Upper
 97 100
 83 97.2 75.5 113.3
 85 65.2 48.2 72.4
 99 62.3 51.3 76.9





#53

1,3-Dichloropropane

Concen: 0.907 ug/l

RT: 8.576 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU060266.D

Acq: 30 Jul 2024 15:48

Instrument :

MSVOA_U

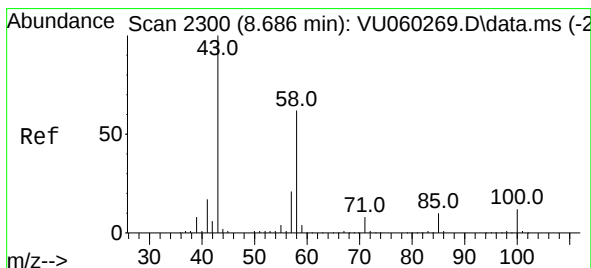
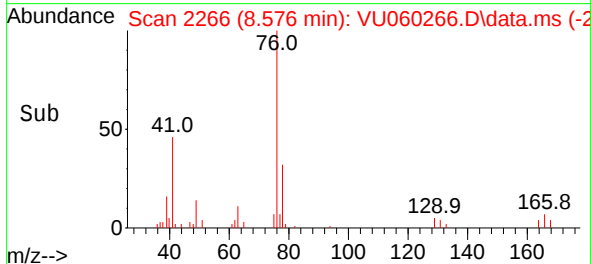
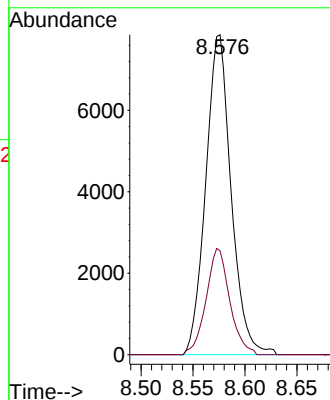
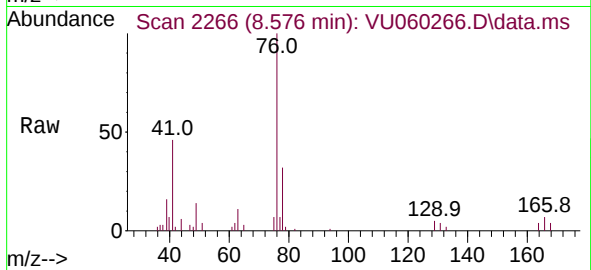
ClientSampleId :

Tgt Ion: 76 Resp: 13352

Ion Ratio Lower Upper

76 100

78 30.9 25.8 38.6



#54

2-Hexanone

Concen: 4.785 ug/l

RT: 8.688 min Scan# 2301

Delta R.T. 0.003 min

Lab File: VU060266.D

Acq: 30 Jul 2024 15:48

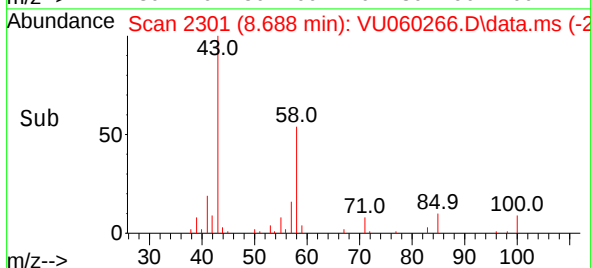
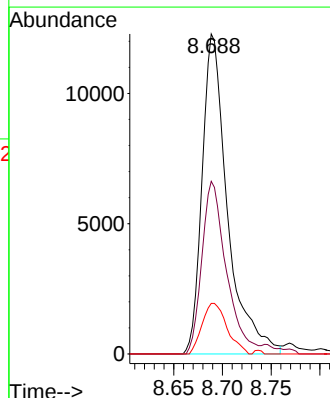
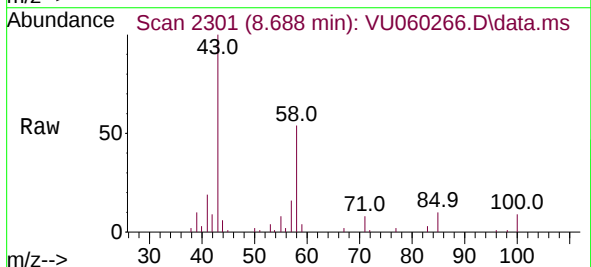
Tgt Ion: 43 Resp: 22263

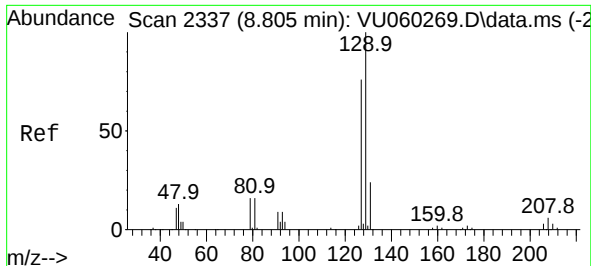
Ion Ratio Lower Upper

43 100

58 52.0 41.1 81.1

57 15.5 0.3 40.3





#55

Dibromochloromethane

Concen: 0.938 ug/l

RT: 8.804 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VU060266.D

Acq: 30 Jul 2024 15:48

Instrument :

MSVOA_U

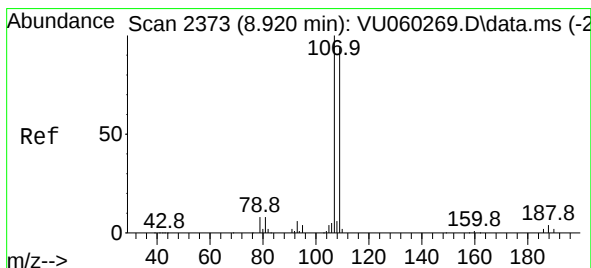
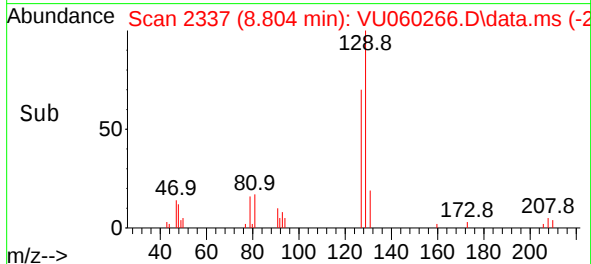
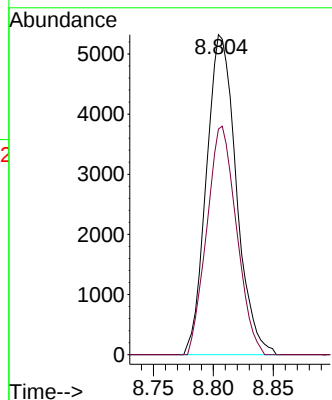
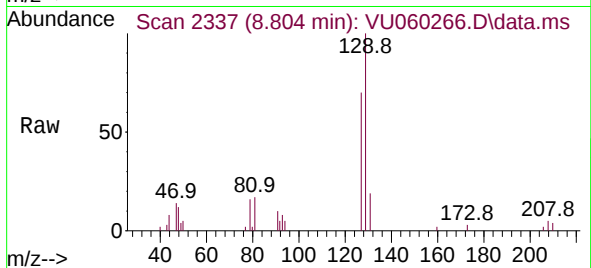
ClientSampleId :

Tgt Ion:129 Resp: 9219

Ion Ratio Lower Upper

129 100

127 70.8 61.7 92.5



#56

1,2-Dibromoethane

Concen: 0.939 ug/l

RT: 8.920 min Scan# 2373

Delta R.T. -0.000 min

Lab File: VU060266.D

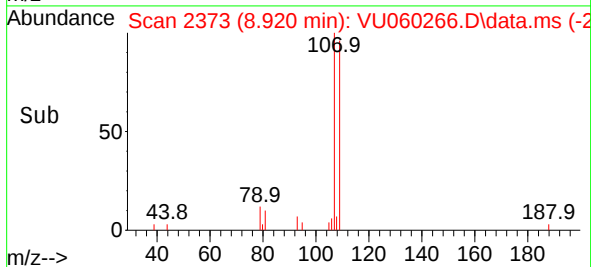
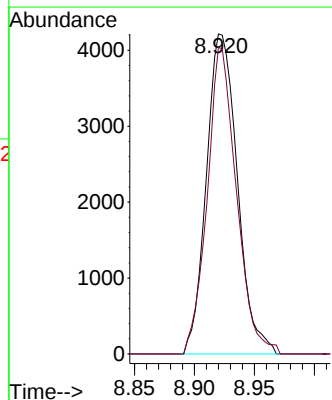
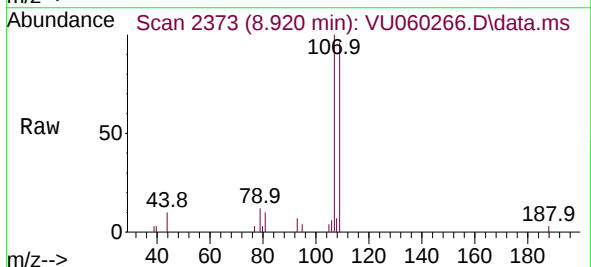
Acq: 30 Jul 2024 15:48

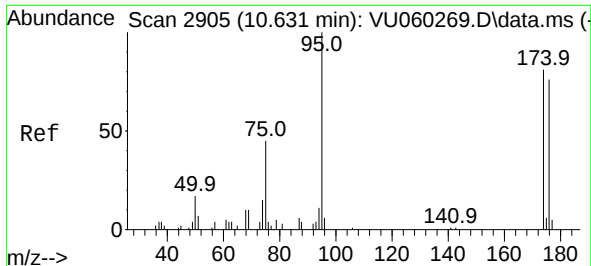
Tgt Ion:107 Resp: 7579

Ion Ratio Lower Upper

107 100

109 90.5 0.0 186.8





#57

4-Bromofluorobenzene

Concen: 0.893 ug/l

RT: 10.631 min Scan# 2905

Delta R.T. -0.000 min

Lab File: VU060266.D

Acq: 30 Jul 2024 15:48

Instrument :

MSVOA_U

ClientSampleId :

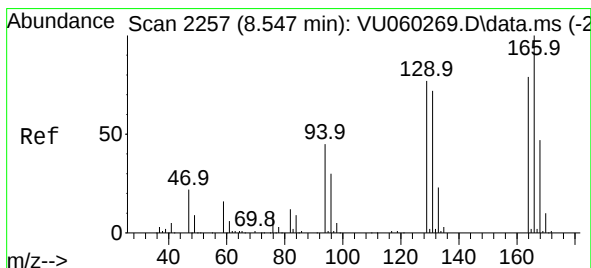
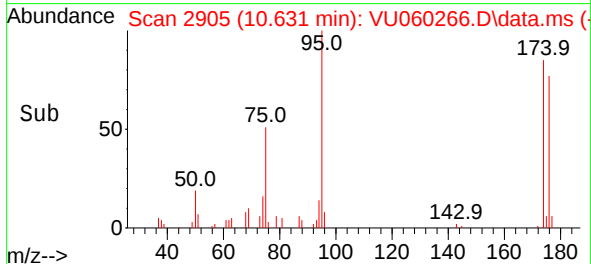
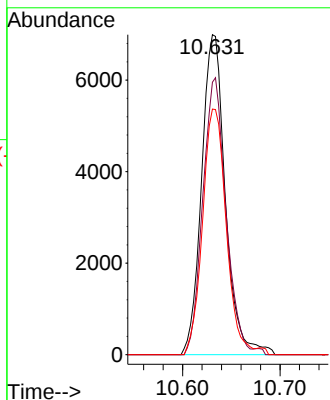
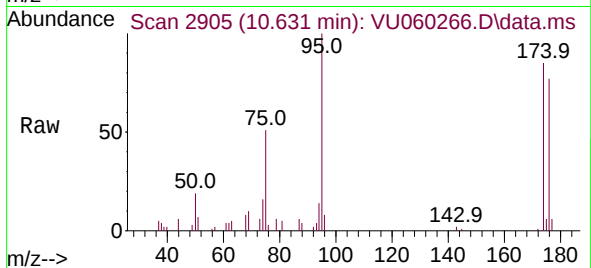
Tgt Ion: 95 Resp: 11835

Ion Ratio Lower Upper

95 100

174 84.4 62.2 93.4

176 76.5 59.4 89.2



#58

Tetrachloroethene

Concen: 0.925 ug/l

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU060266.D

Acq: 30 Jul 2024 15:48

Tgt Ion: 164 Resp: 9721

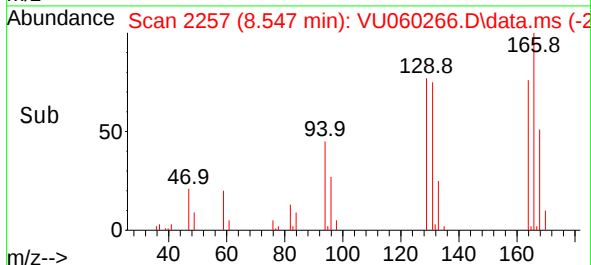
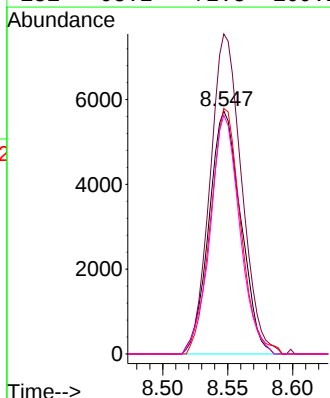
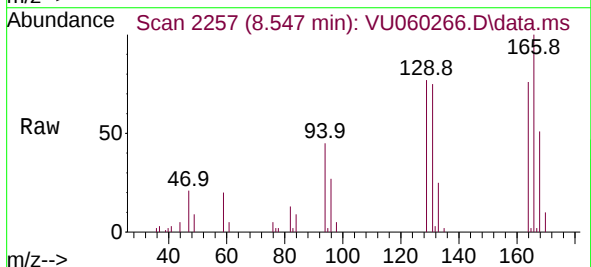
Ion Ratio Lower Upper

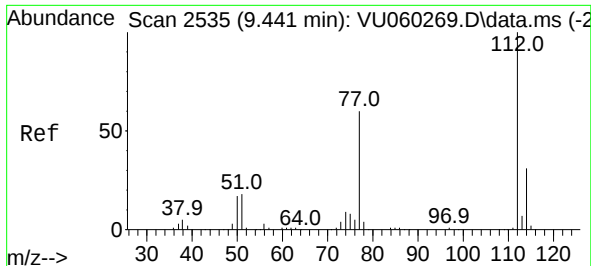
164 100

166 131.7 101.0 151.6

129 101.0 78.0 117.0

131 98.2 72.8 109.2





#59

Chlorobenzene

Concen: 0.878 ug/l

RT: 9.444 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU060266.D

Acq: 30 Jul 2024 15:48

Instrument :

MSVOA_U

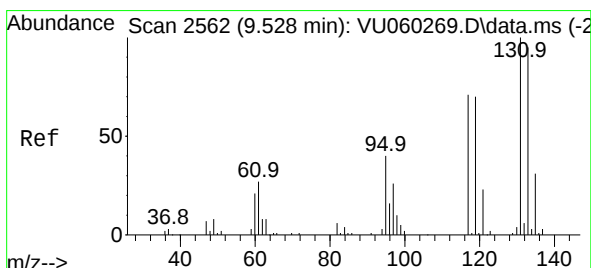
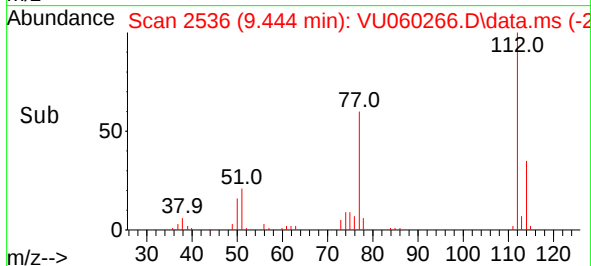
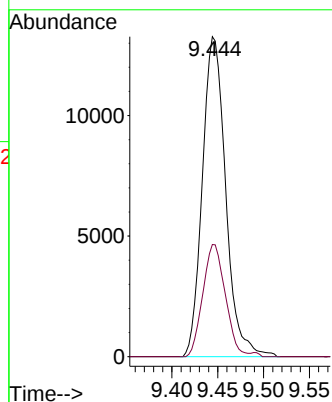
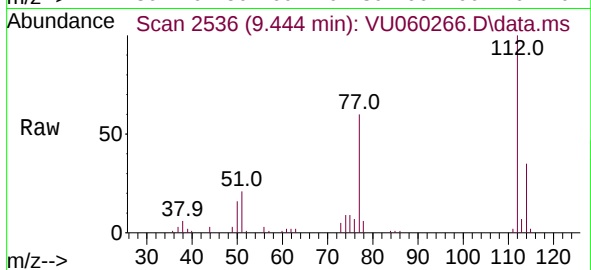
ClientSampleId :

Tgt Ion:112 Resp: 23501

Ion Ratio Lower Upper

112 100

114 35.1 24.5 36.7



#60

1,1,1,2-Tetrachloroethane

Concen: 0.945 ug/l

RT: 9.528 min Scan# 2562

Delta R.T. -0.000 min

Lab File: VU060266.D

Acq: 30 Jul 2024 15:48

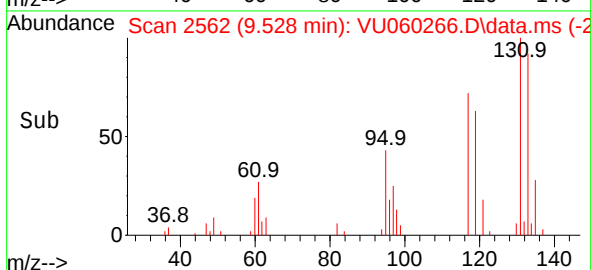
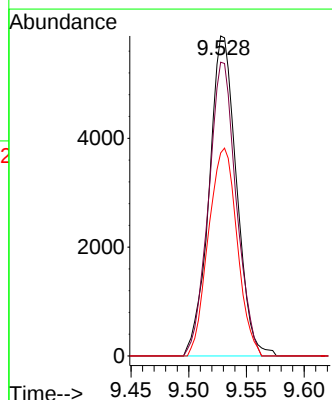
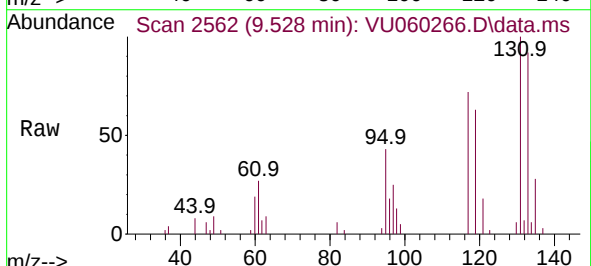
Tgt Ion:131 Resp: 9733

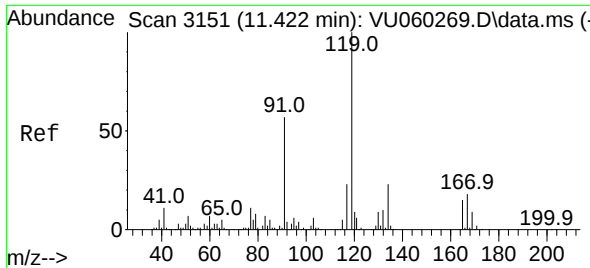
Ion Ratio Lower Upper

131 100

133 92.1 76.6 114.8

119 67.8 55.4 83.0

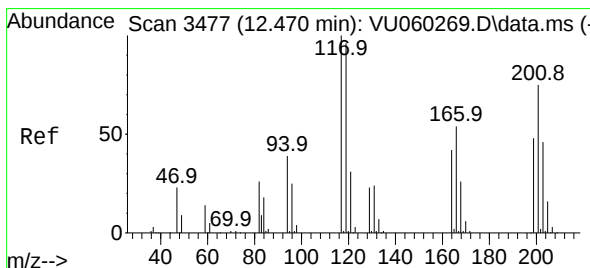
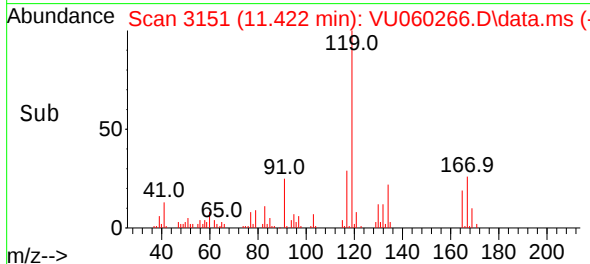
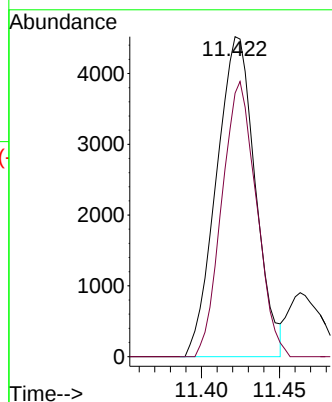
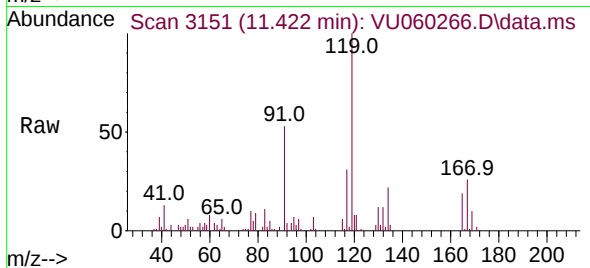




#61
Pentachloroethane
Concen: 0.958 ug/l
RT: 11.422 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU060266.D
Acq: 30 Jul 2024 15:48

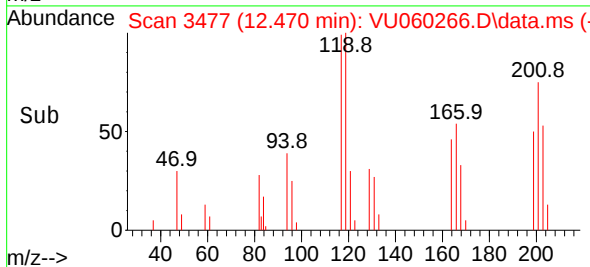
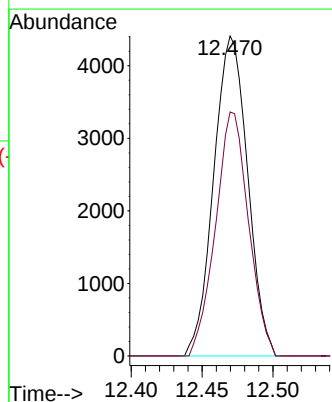
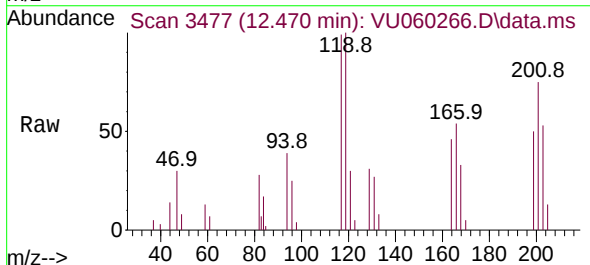
Instrument :
MSVOA_U
ClientSampleId :

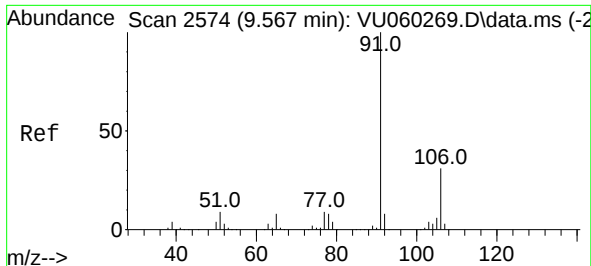
Tgt Ion:117 Resp: 7825
Ion Ratio Lower Upper
117 100
167 76.3 61.6 92.4



#62
Hexachloroethane
Concen: 0.905 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. -0.000 min
Lab File: VU060266.D
Acq: 30 Jul 2024 15:48

Tgt Ion:117 Resp: 7353
Ion Ratio Lower Upper
117 100
201 74.1 60.0 90.0





#63

Ethyl Benzene

Concen: 1.034 ug/l

RT: 9.566 min Scan# 2574

Delta R.T. -0.000 min

Lab File: VU060266.D

Acq: 30 Jul 2024 15:48

Instrument :

MSVOA_U

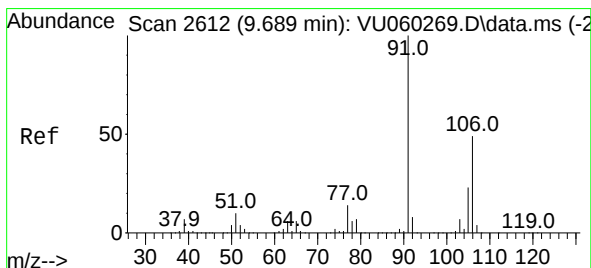
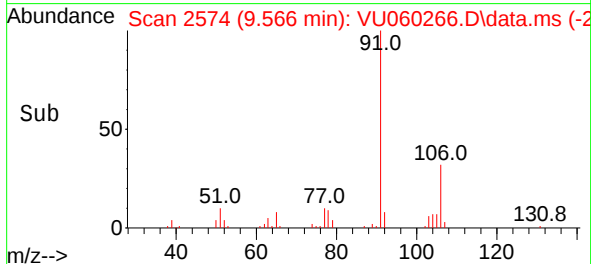
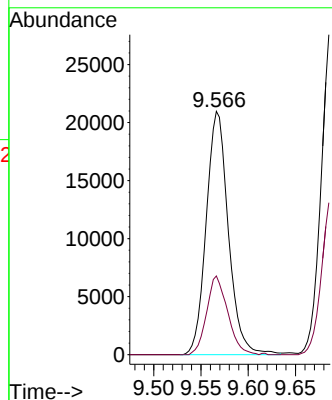
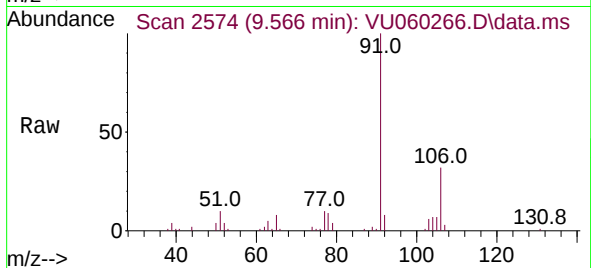
ClientSampleId :

Tgt Ion: 91 Resp: 34191

Ion Ratio Lower Upper

91 100

106 32.4 24.5 36.7



#64

m/p-Xylenes

Concen: 2.015 ug/l

RT: 9.688 min Scan# 2612

Delta R.T. -0.000 min

Lab File: VU060266.D

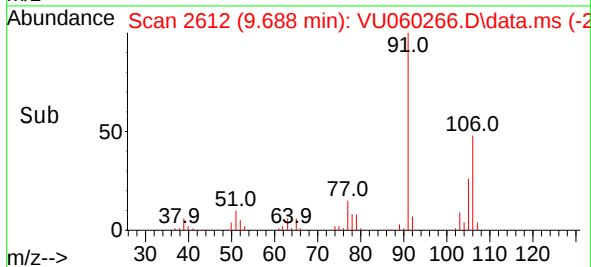
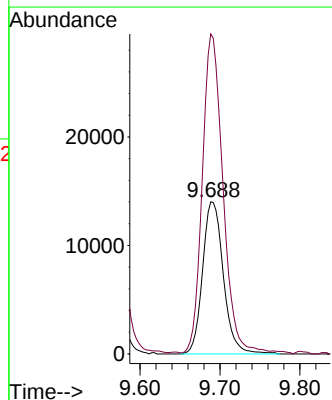
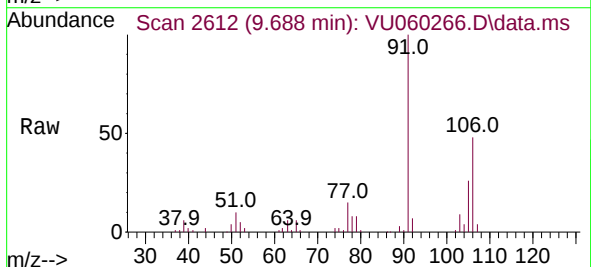
Acq: 30 Jul 2024 15:48

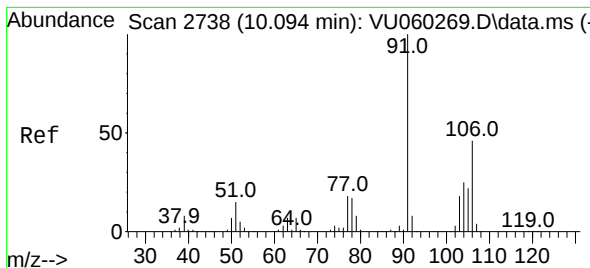
Tgt Ion:106 Resp: 25425

Ion Ratio Lower Upper

106 100

91 210.8 164.2 246.4





#65

o-Xylene

Concen: 0.985 ug/l

RT: 10.097 min Scan# 2738

Delta R.T. 0.003 min

Lab File: VU060266.D

Acq: 30 Jul 2024 15:48

Instrument :

MSVOA_U

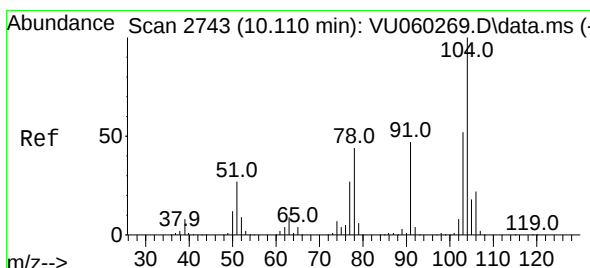
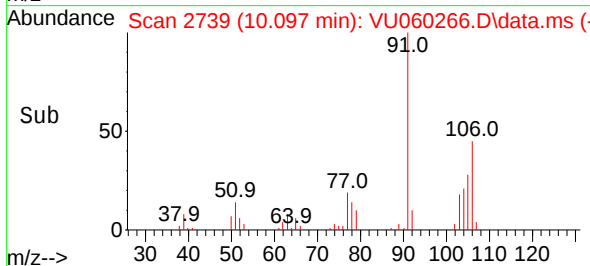
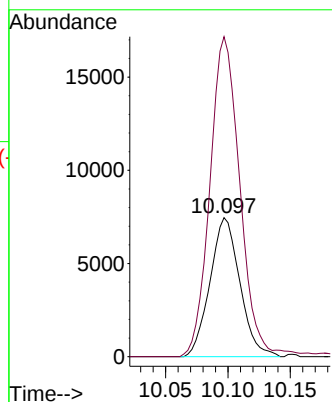
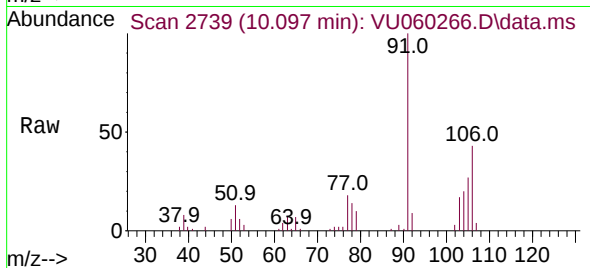
ClientSampleId :

Tgt Ion:106 Resp: 12436

Ion Ratio Lower Upper

106 100

91 232.2 109.4 328.2



#66

Styrene

Concen: 1.028 ug/l

RT: 10.113 min Scan# 2744

Delta R.T. 0.003 min

Lab File: VU060266.D

Acq: 30 Jul 2024 15:48

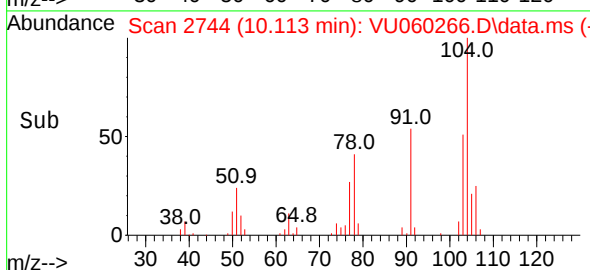
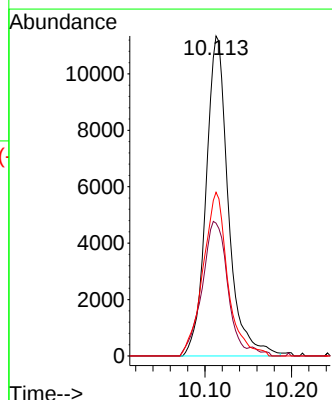
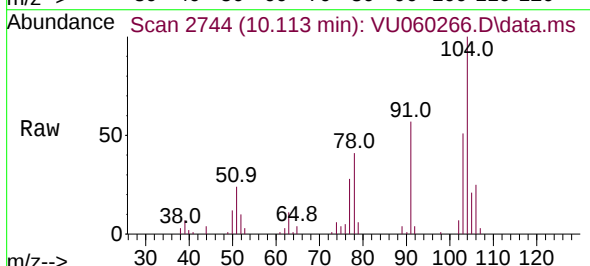
Tgt Ion:104 Resp: 20263

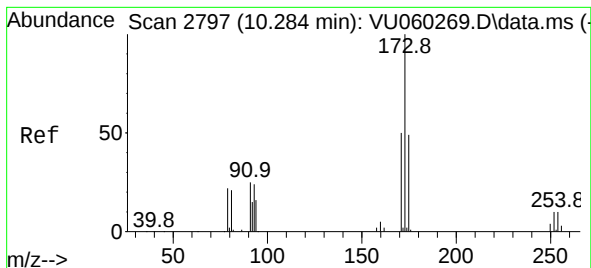
Ion Ratio Lower Upper

104 100

78 47.7 39.1 58.7

103 56.6 44.8 67.2





#67

Bromoform

Concen: 0.933 ug/l

RT: 10.287 min Scan# 2797

Delta R.T. 0.003 min

Lab File: VU060266.D

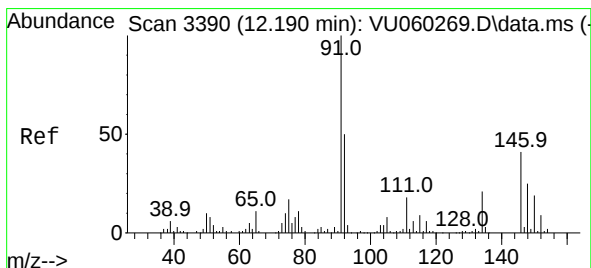
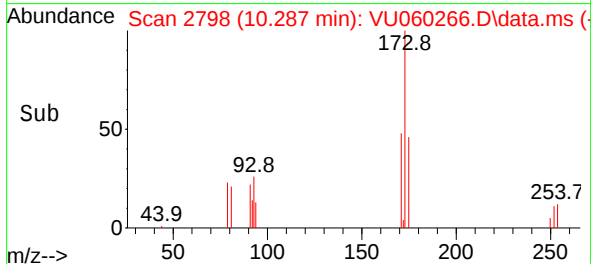
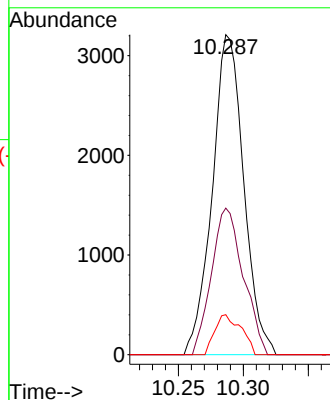
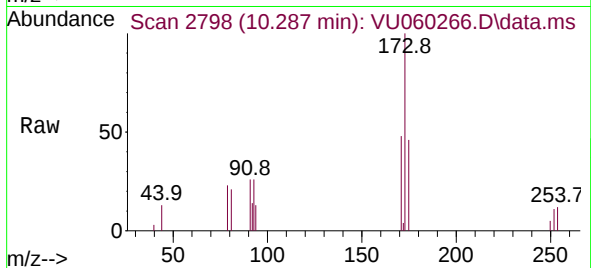
Acq: 30 Jul 2024 15:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:173	Resp:	5403
Ion Ratio	Lower	Upper
173	100	
175	46.3	39.4 59.0
254	10.4	8.4 12.6



#68

1,2-Dichlorobenzene-d4

Concen: 0.974 ug/l

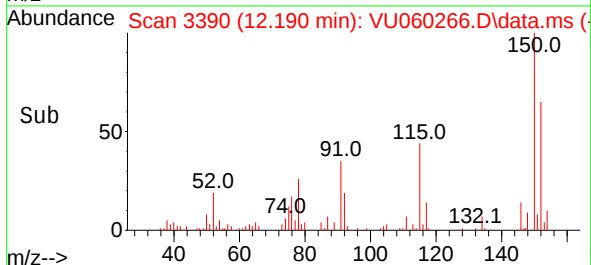
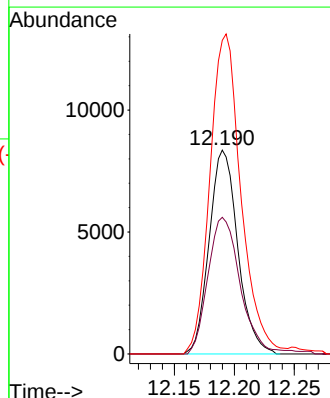
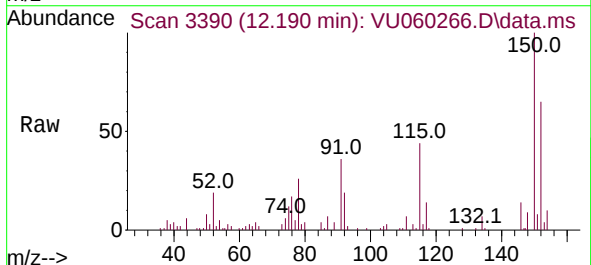
RT: 12.190 min Scan# 3390

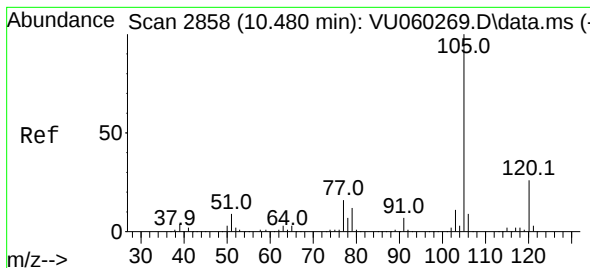
Delta R.T. -0.000 min

Lab File: VU060266.D

Acq: 30 Jul 2024 15:48

Tgt Ion:152	Resp:	13863
Ion Ratio	Lower	Upper
152	100	
115	76.0	0.0 305.0
150	170.4	0.0 671.8





#69

Isopropylbenzene

Concen: 1.011 ug/l

RT: 10.479 min Scan# 2858

Delta R.T. -0.000 min

Lab File: VU060266.D

Acq: 30 Jul 2024 15:48

Instrument :

MSVOA_U

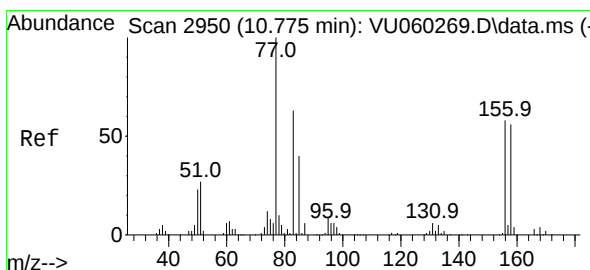
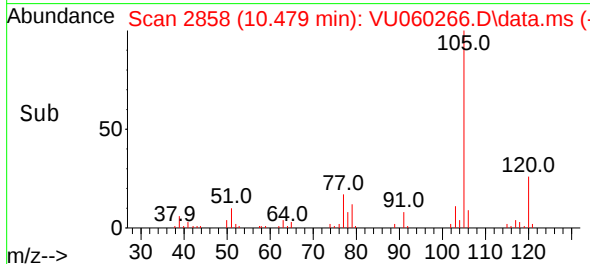
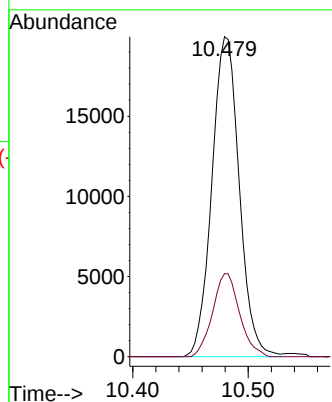
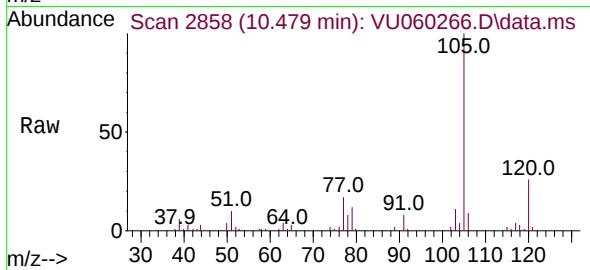
ClientSampleId :

Tgt Ion:105 Resp: 32837

Ion Ratio Lower Upper

105 100

120 25.6 13.1 39.1



#70

1,1,2,2-Tetrachloroethane

Concen: 0.942 ug/l

RT: 10.778 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VU060266.D

Acq: 30 Jul 2024 15:48

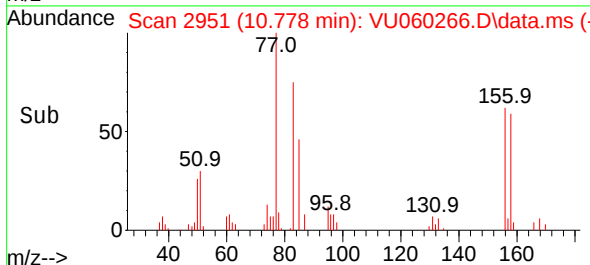
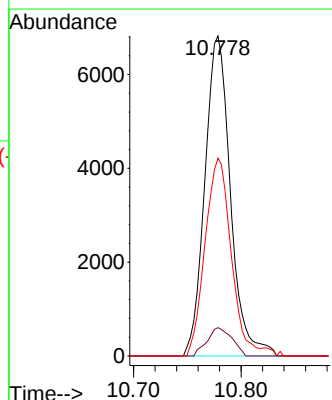
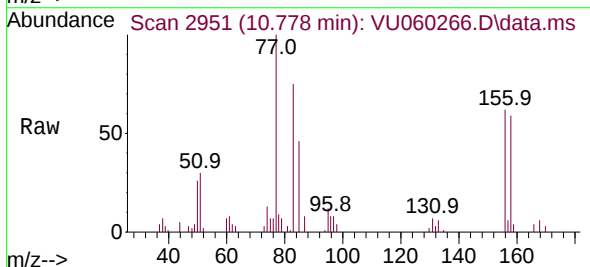
Tgt Ion: 83 Resp: 11295

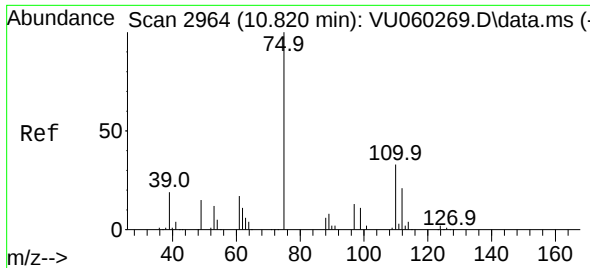
Ion Ratio Lower Upper

83 100

131 8.6 7.0 10.6

85 63.7 50.3 75.5

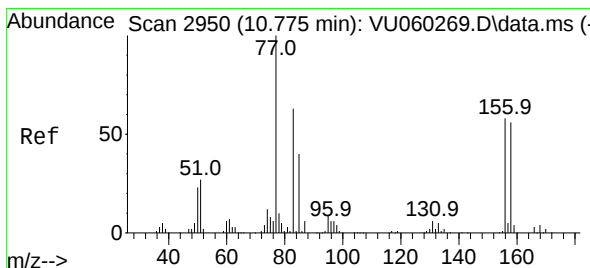
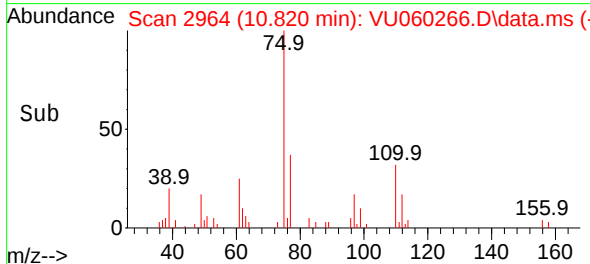
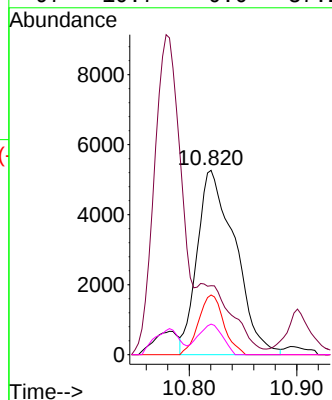
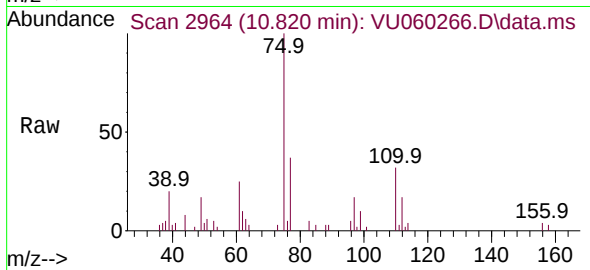




#71
1,2,3-Trichloropropane
Concen: 1.486 ug/l
RT: 10.820 min Scan# 2964
Delta R.T. -0.000 min
Lab File: VU060266.D
Acq: 30 Jul 2024 15:48

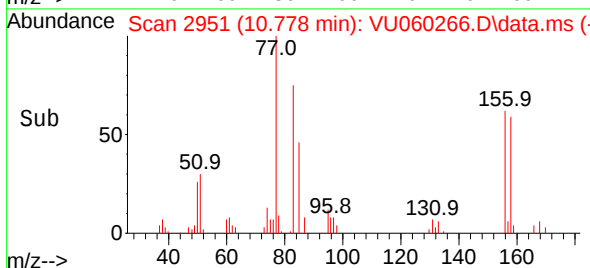
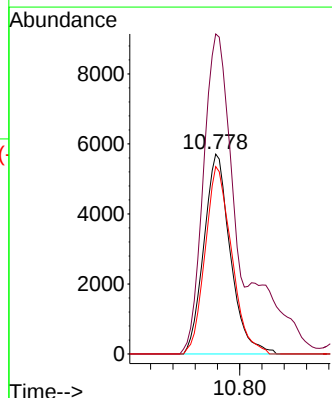
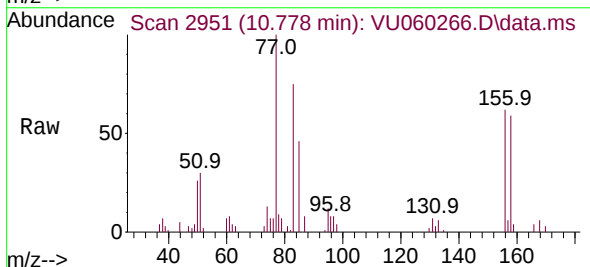
Instrument :
MSVOA_U
ClientSampleId :

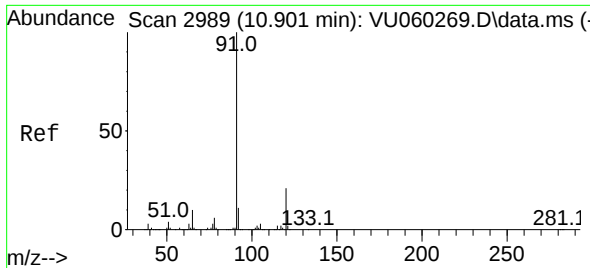
Tgt Ion:	75	Resp:	12902
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	96.0
110	21.4	0.0	65.4
97	10.7	0.0	37.2



#72
Bromobenzene
Concen: 0.869 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU060266.D
Acq: 30 Jul 2024 15:48

Tgt Ion:	156	Resp:	9439
Ion Ratio	Lower	Upper	
156	100		
77	172.2	0.0	344.0
158	94.0	0.0	196.0

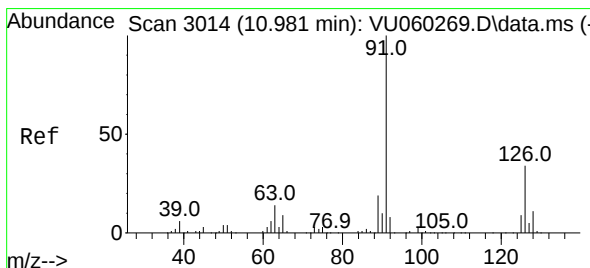
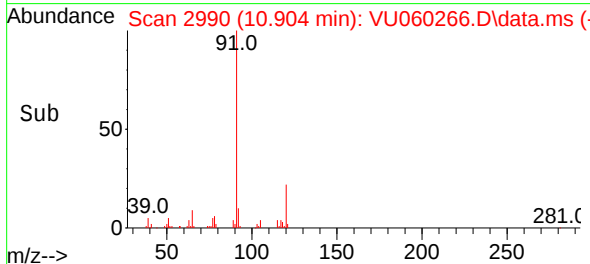
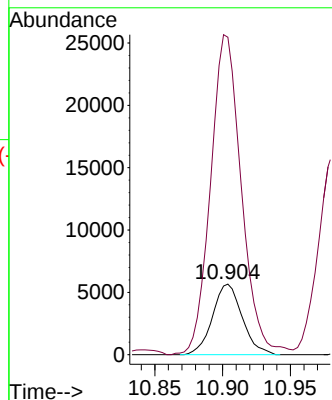
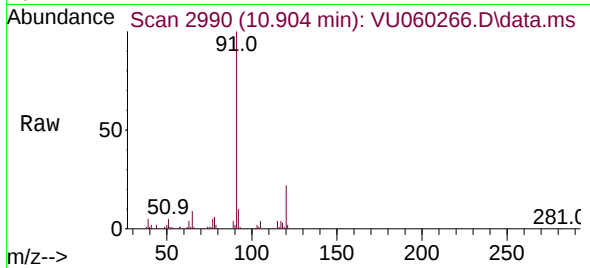




#73
n-propylbenzene
Concen: 1.006 ug/l
RT: 10.904 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU060266.D
Acq: 30 Jul 2024 15:48

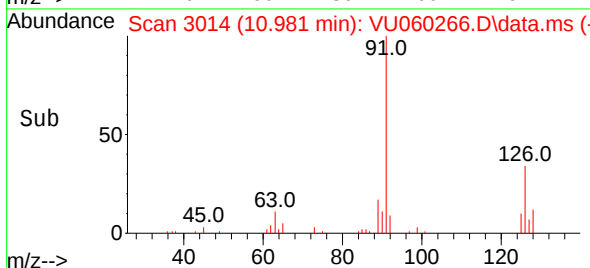
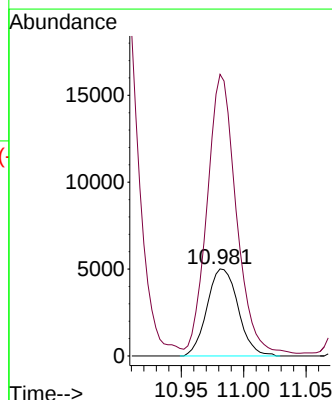
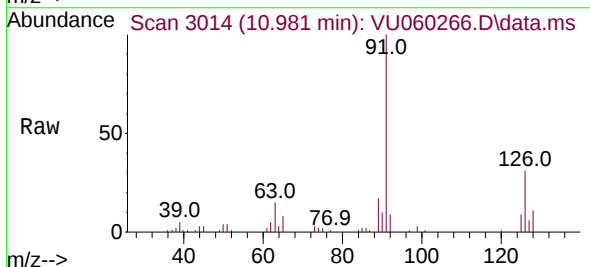
Instrument :
MSVOA_U
ClientSampleId :

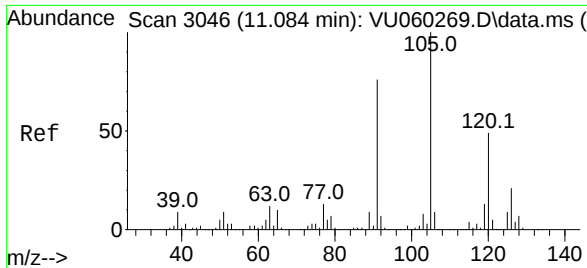
Tgt Ion:120 Resp: 8621
Ion Ratio Lower Upper
120 100
91 471.4 370.7 556.1



#74
2-Chlorotoluene
Concen: 0.801 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. -0.000 min
Lab File: VU060266.D
Acq: 30 Jul 2024 15:48

Tgt Ion:126 Resp: 8694
Ion Ratio Lower Upper
126 100
91 300.8 0.0 613.0

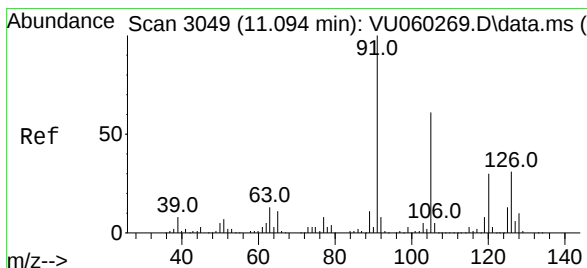
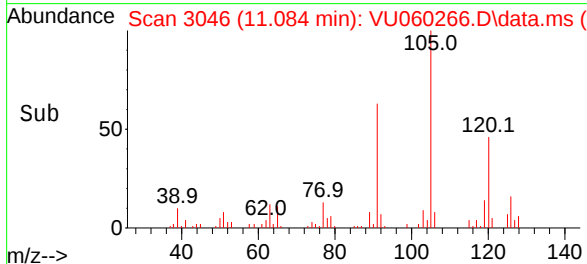
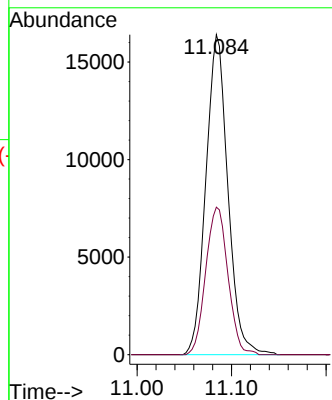
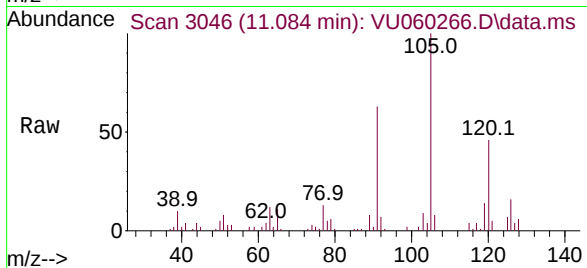




#75
1,3,5-Trimethylbenzene
Concen: 1.000 ug/l
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU060266.D
Acq: 30 Jul 2024 15:48

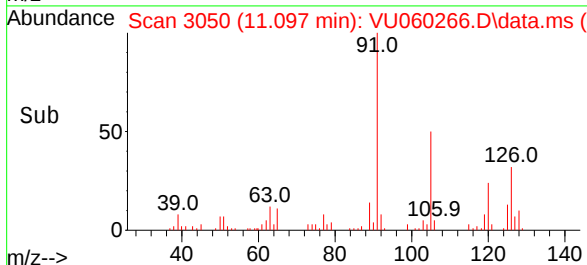
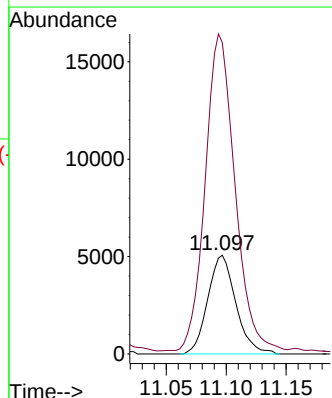
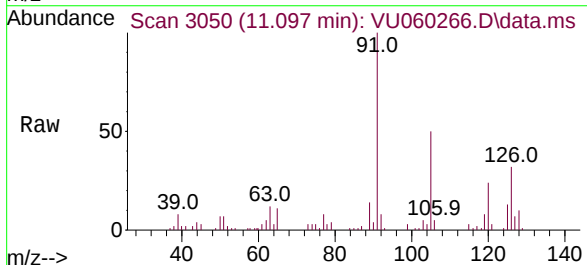
Instrument :
MSVOA_U
ClientSampleId :

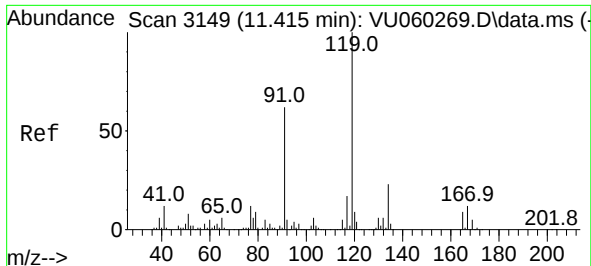
Tgt Ion:105 Resp: 26472
Ion Ratio Lower Upper
105 100
120 46.6 38.5 57.7



#76
4-Chlorotoluene
Concen: 0.976 ug/l
RT: 11.097 min Scan# 3050
Delta R.T. 0.003 min
Lab File: VU060266.D
Acq: 30 Jul 2024 15:48

Tgt Ion:126 Resp: 8238
Ion Ratio Lower Upper
126 100
91 339.3 0.0 679.4





#77

tert-Butylbenzene

Concen: 1.020 ug/l

RT: 11.415 min Scan# 3149

Delta R.T. -0.000 min

Lab File: VU060266.D

Acq: 30 Jul 2024 15:48

Instrument :

MSVOA_U

ClientSampleId :

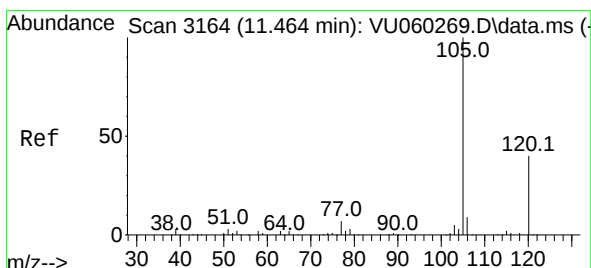
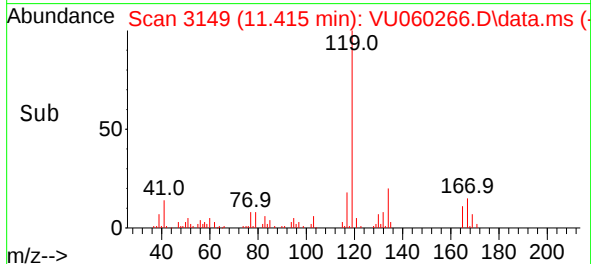
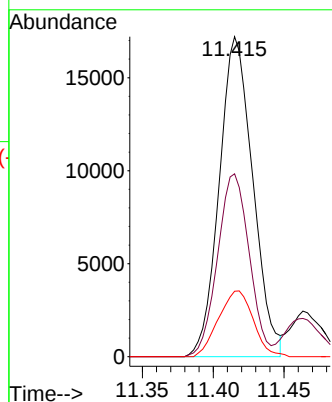
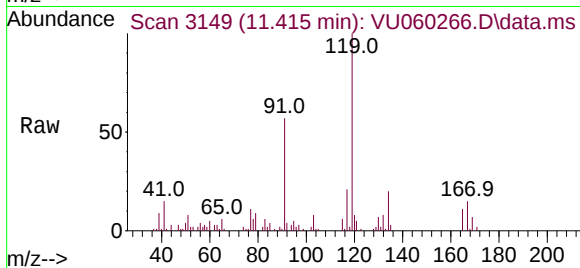
Tgt Ion:119 Resp: 28379

Ion Ratio Lower Upper

119 100

91 54.0 30.1 90.3

134 21.3 18.5 27.7



#78

1,2,4-Trimethylbenzene

Concen: 1.014 ug/l

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU060266.D

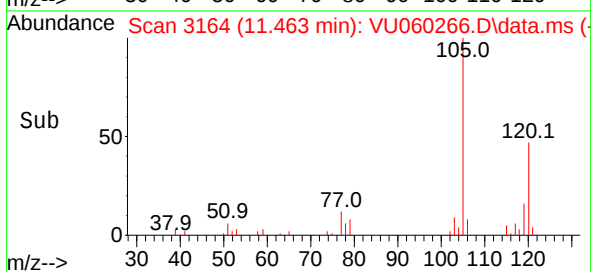
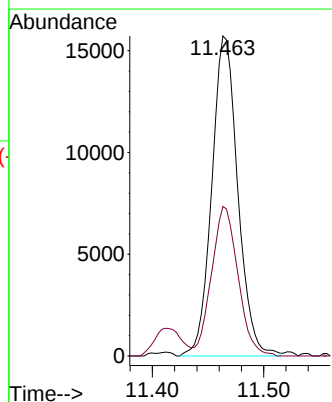
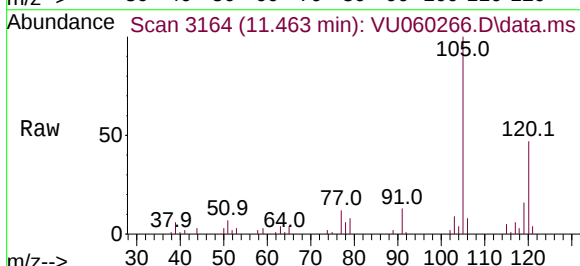
Acq: 30 Jul 2024 15:48

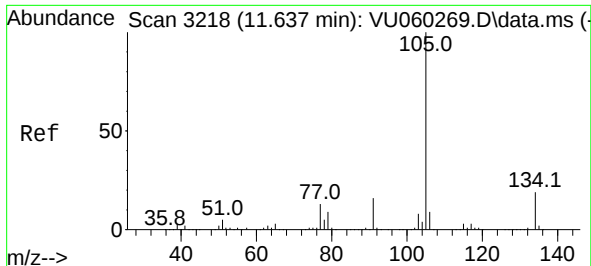
Tgt Ion:105 Resp: 25518

Ion Ratio Lower Upper

105 100

120 47.4 22.6 67.7





#79

sec-Butylbenzene

Concen: 1.017 ug/l

RT: 11.640 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU060266.D

Acq: 30 Jul 2024 15:48

Instrument :

MSVOA_U

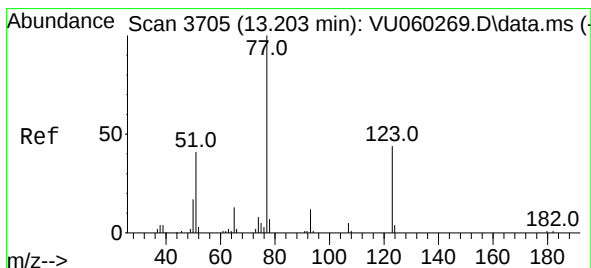
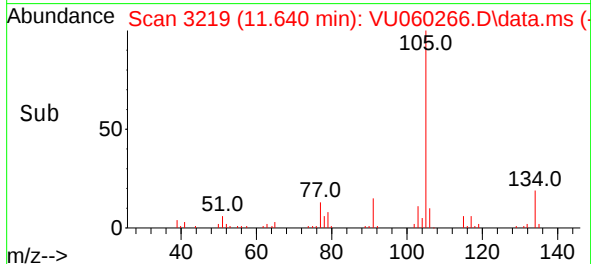
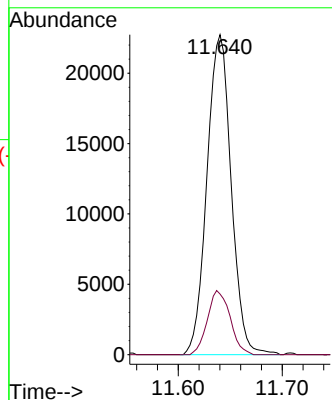
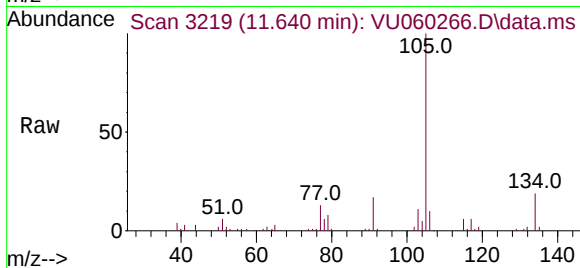
ClientSampleId :

Tgt Ion:105 Resp: 36859

Ion Ratio Lower Upper

105 100

134 18.8 15.1 22.7



#80

Nitrobenzene

Concen: 4.334 ug/l

RT: 13.219 min Scan# 3710

Delta R.T. 0.016 min

Lab File: VU060266.D

Acq: 30 Jul 2024 15:48

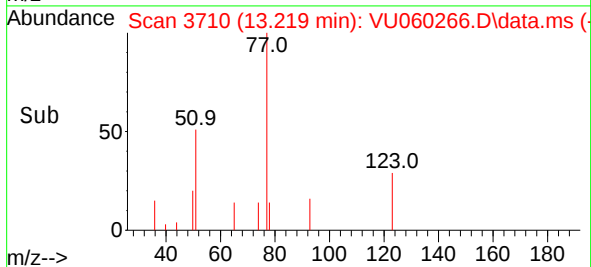
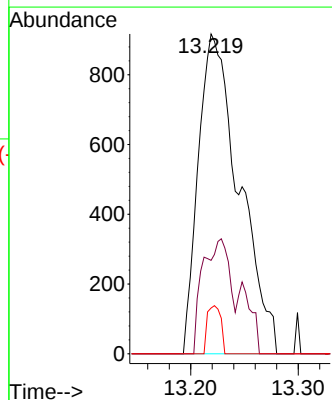
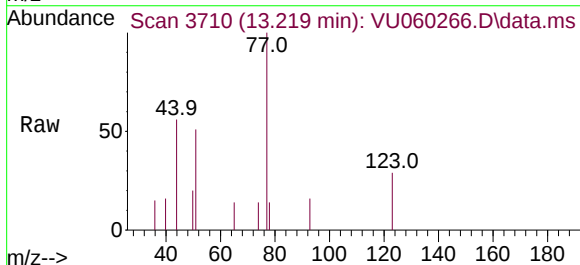
Tgt Ion: 77 Resp: 2418

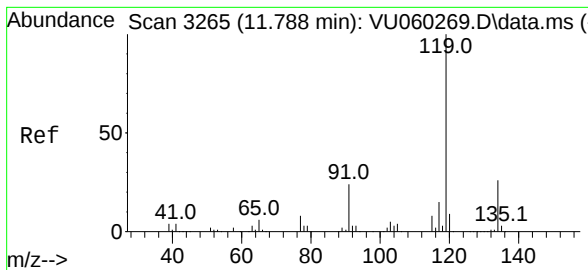
Ion Ratio Lower Upper

77 100

123 18.4 20.1 71.1#

65 4.9 10.5 13.3#

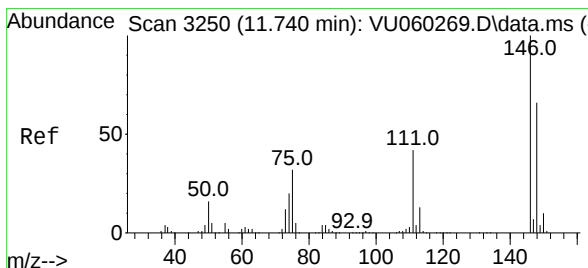
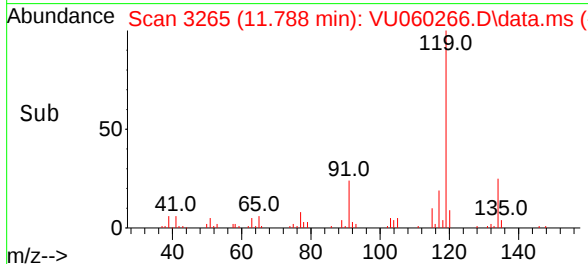
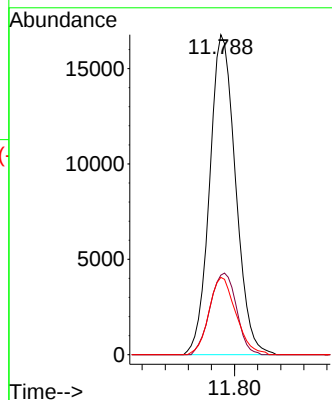
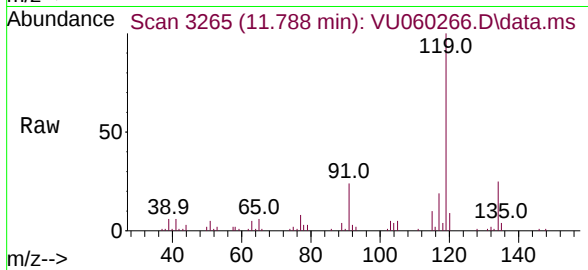




#81
 p-Isopropyltoluene
 Concen: 1.005 ug/l
 RT: 11.788 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU060266.D
 Acq: 30 Jul 2024 15:48

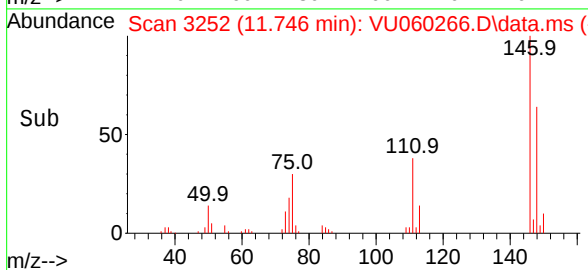
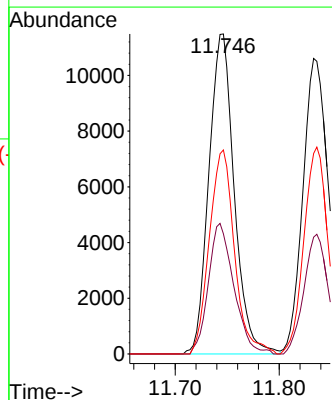
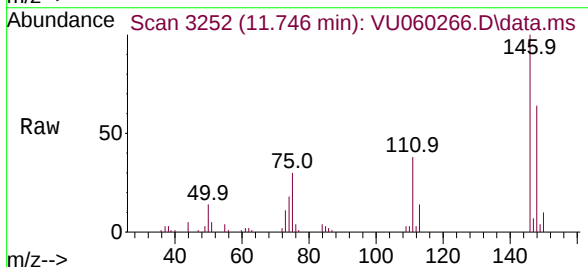
Instrument :
 MSVOA_U
 ClientSampleId :

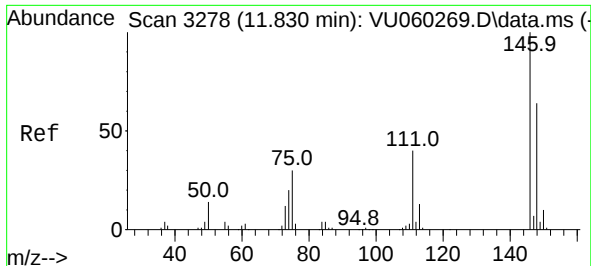
Tgt Ion:	119	Resp:	26135
Ion	Ratio	Lower	Upper
119	100		
134	26.0	20.6	30.8
91	25.1	18.8	28.2



#82
 1,3-Dichlorobenzene
 Concen: 0.884 ug/l
 RT: 11.746 min Scan# 3252
 Delta R.T. 0.006 min
 Lab File: VU060266.D
 Acq: 30 Jul 2024 15:48

Tgt Ion:	146	Resp:	19443
Ion	Ratio	Lower	Upper
146	100		
111	40.9	33.7	50.5
148	63.4	52.0	78.0





#83

1,4-Dichlorobenzene

Concen: 0.849 ug/l

RT: 11.833 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU060266.D

Acq: 30 Jul 2024 15:48

Instrument :

MSVOA_U

ClientSampleId :

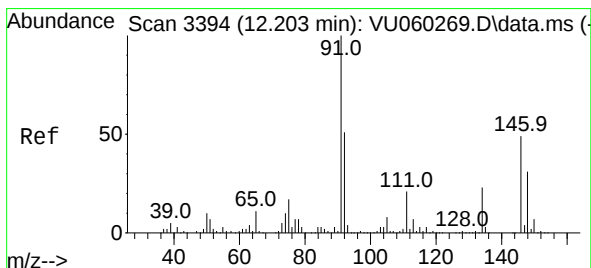
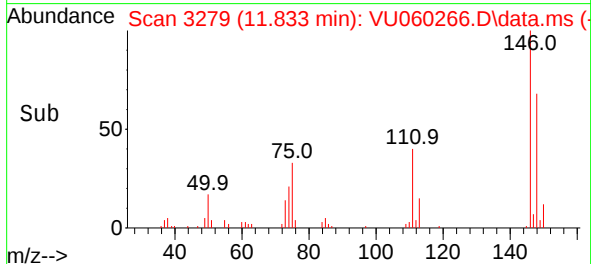
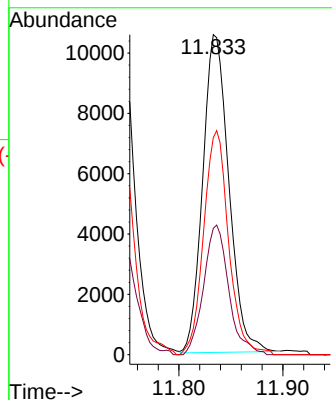
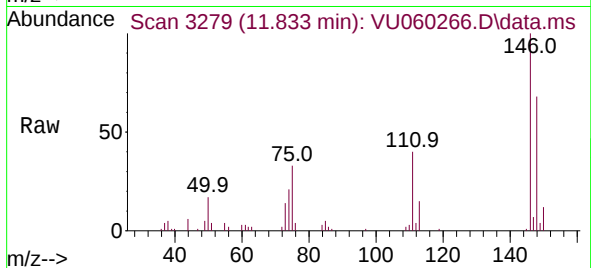
Tgt Ion:146 Resp: 18427

Ion Ratio Lower Upper

146 100

111 39.1 31.3 46.9

148 67.4 50.6 76.0



#84

n-Butylbenzene

Concen: 1.038 ug/l

RT: 12.206 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU060266.D

Acq: 30 Jul 2024 15:48

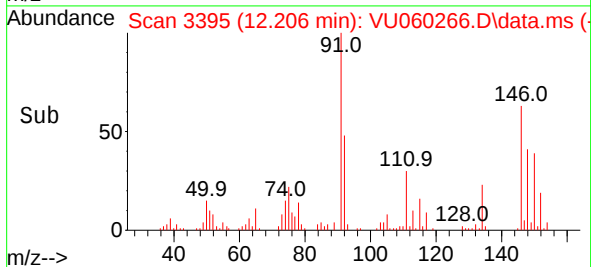
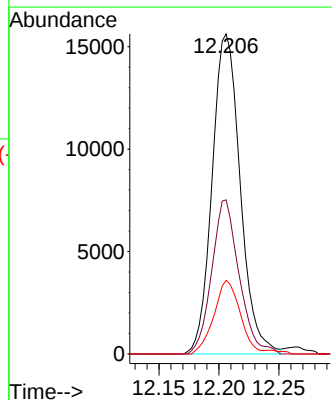
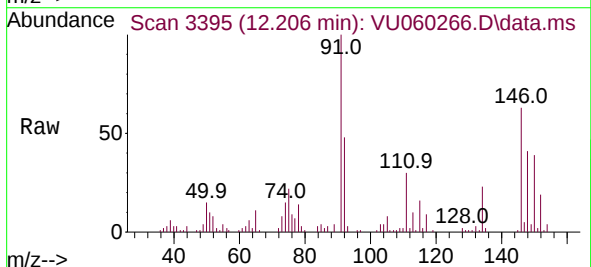
Tgt Ion: 91 Resp: 25435

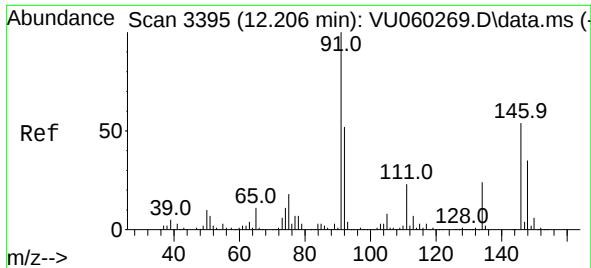
Ion Ratio Lower Upper

91 100

92 46.9 41.1 61.7

134 21.5 18.8 28.2





#85

1,2-Dichlorobenzene

Concen: 0.864 ug/l

RT: 12.209 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU060266.D

Acq: 30 Jul 2024 15:48

Instrument :

MSVOA_U

ClientSampleId :

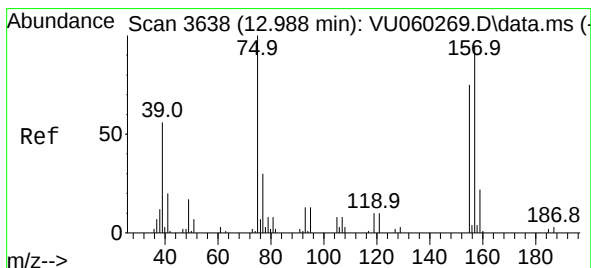
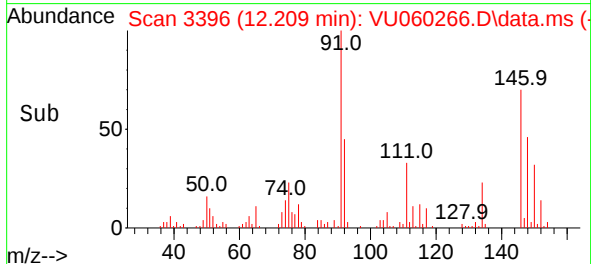
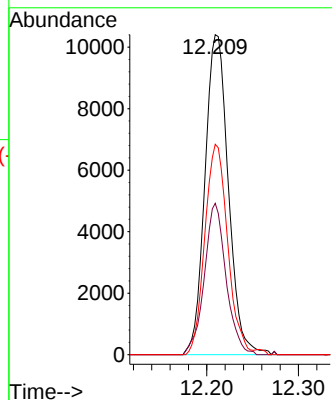
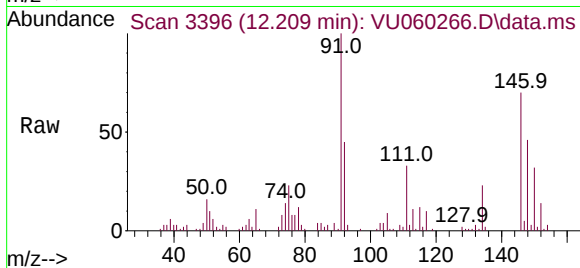
Tgt Ion:146 Resp: 18449

Ion Ratio Lower Upper

146 100

111 43.8 21.6 64.6

148 64.1 32.3 96.8



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.793 ug/l

RT: 12.991 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VU060266.D

Acq: 30 Jul 2024 15:48

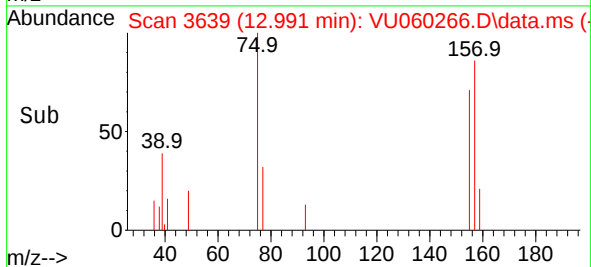
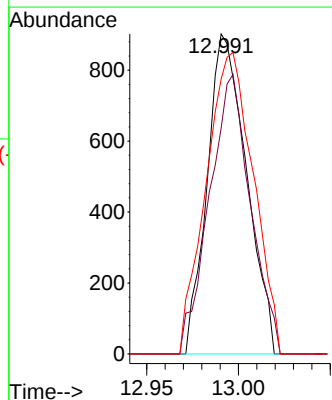
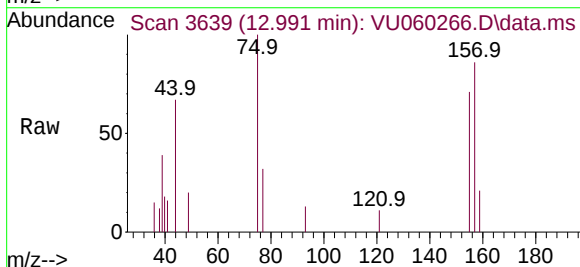
Tgt Ion: 75 Resp: 1341

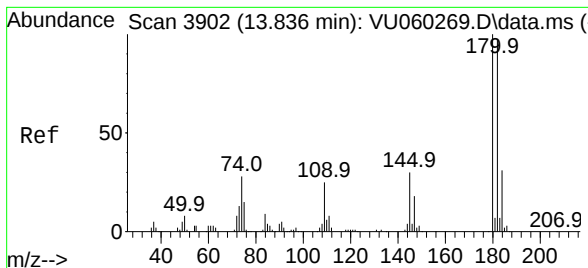
Ion Ratio Lower Upper

75 100

155 91.4 64.5 96.7

157 113.4 79.3 118.9





#87

1,2,4-Trichlorobenzene

Concen: 0.833 ug/l

RT: 13.839 min Scan# 3903

Delta R.T. 0.003 min

Lab File: VU060266.D

Acq: 30 Jul 2024 15:48

Instrument :

MSVOA_U

ClientSampleId :

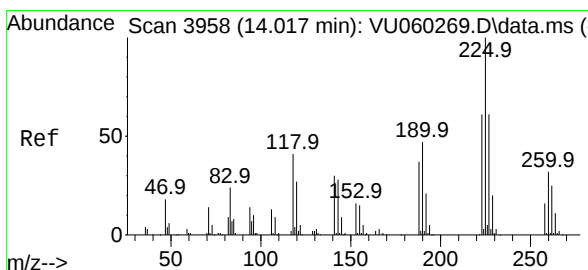
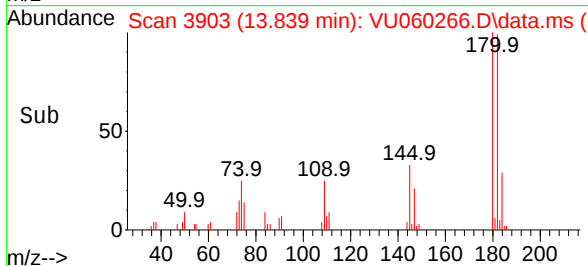
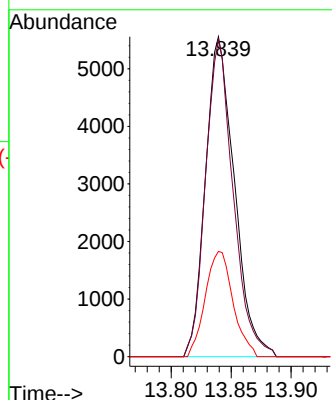
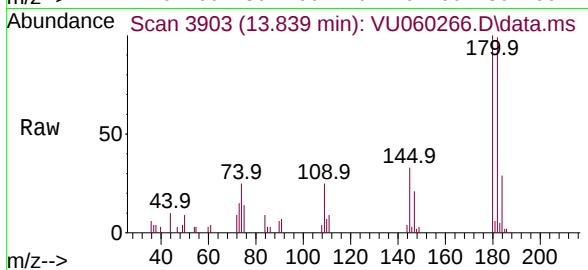
Tgt Ion:180 Resp: 9316

Ion Ratio Lower Upper

180 100

182 94.5 76.5 114.7

145 31.5 23.8 35.8



#88

Hexachlorobutadiene

Concen: 0.961 ug/l

RT: 14.016 min Scan# 3958

Delta R.T. -0.000 min

Lab File: VU060266.D

Acq: 30 Jul 2024 15:48

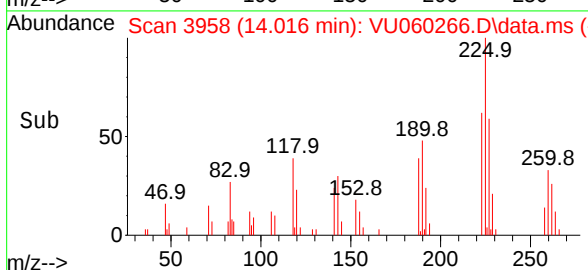
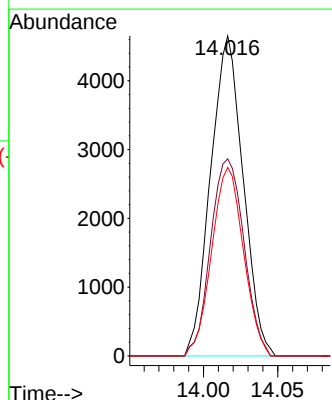
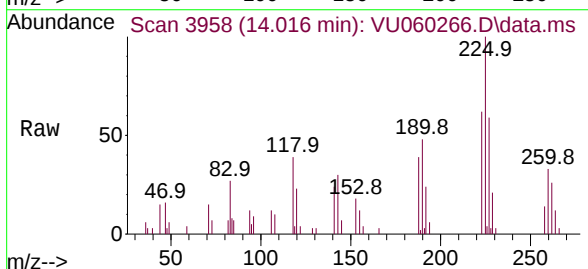
Tgt Ion:225 Resp: 7075

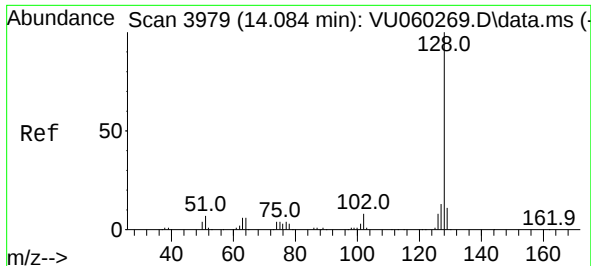
Ion Ratio Lower Upper

225 100

223 63.1 50.2 75.2

227 57.8 50.4 75.6





#89

Naphthalene

Concen: 0.986 ug/l

RT: 14.090 min Scan# 3981

Delta R.T. 0.006 min

Lab File: VU060266.D

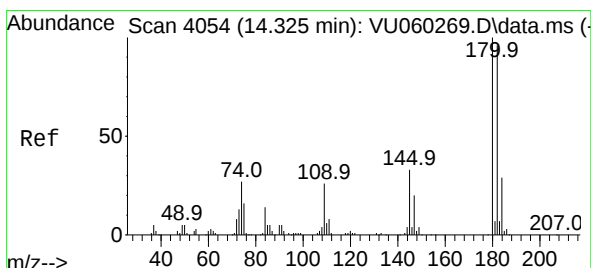
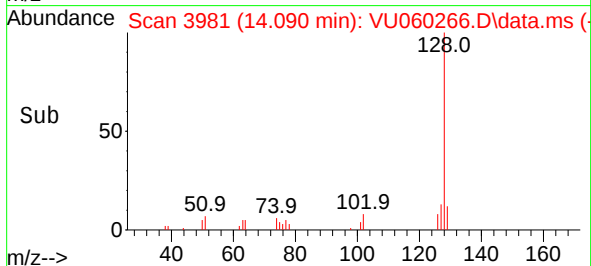
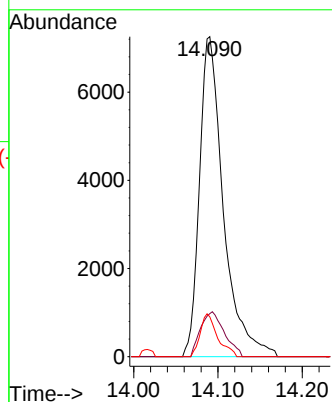
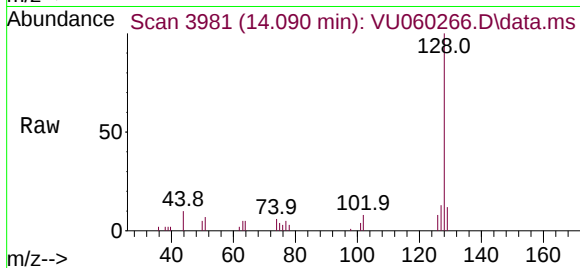
Acq: 30 Jul 2024 15:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	14347
Ion Ratio	Lower	Upper
128	100	
127	14.0	10.5 15.7
129	9.7	8.7 13.1



#90

1,2,3-Trichlorobenzene

Concen: 1.034 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.003 min

Lab File: VU060266.D

Acq: 30 Jul 2024 15:48

Tgt Ion:180	Resp:	8784
Ion Ratio	Lower	Upper
180	100	
182	95.9	76.2 114.2
145	28.6	25.6 38.4

