

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061224\
 Data File : VU059216.D
 Acq On : 12 Jun 2024 11:22
 Operator : MD/SY
 Sample : VU0612WBS01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0612WBS01

Quant Time: Jun 13 03:01:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jun 06 08:51:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	45709	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	16349	1.051	ug/l	0.00
Spiked Amount 1.000			Recovery	=	105.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	16504	1.014	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	29296	2.046	ug/l	98
3) Chloromethane	1.515	50	34295	1.989	ug/l	100
4) Vinyl Chloride	1.602	62	36000	2.066	ug/l	99
5) Bromomethane	1.853	94	23668	2.236	ug/l	92
6) Chloroethane	1.930	64	21632	1.930	ug/l	100
7) Trichlorofluoromethane	2.136	101	43990	2.035	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	24760	2.228	ug/l	99
9) 1,1-Dichloroethene	2.576	96	23460	2.131	ug/l	95
10) Iodomethane	2.718	142	29974	2.159	ug/l	99
11) Allyl Chloride	2.917	41	28511	1.916	ug/l	99
12) Acrylonitrile	3.332	53	9995	4.018	ug/l	93
13) Acetone	2.640	43	35943	9.496	ug/l	99
14) Carbon Disulfide	2.788	76	71617	2.041	ug/l	98
15) Methylene Chloride	3.039	84	30982	2.053	ug/l	95
16) trans-1,2-Dichloroethene	3.348	96	25549	2.127	ug/l	97
17) 1,1-Dichloroethane	3.862	63	52424	2.084	ug/l	99
18) 2-Butanone	4.714	43	36476	8.688	ug/l	99
19) Cyclohexane	5.383	56	36264m	1.992	ug/l	
20) Methylcyclohexane	6.756	83	37450	2.047	ug/l	99
21) 2,2-Dichloropropane	4.656	77	36305	1.951	ug/l	97
22) cis-1,2-Dichloroethene	4.663	96	28286	2.167	ug/l	96
23) Diethyl Ether	2.373	59	20442	1.980	ug/l	98
24) tert-Butyl Alcohol	3.222	59	13763m	20.783	ug/l	
25) Methyl tert-Butyl Ether	3.354	73	52530	1.990	ug/l	98
26) Bromochloromethane	4.965	128	12402	2.249	ug/l	91
27) Chloroform	5.081	83	53298	2.108	ug/l	98
28) 1,1,1-Trichloroethane	5.309	97	41468	2.080	ug/l	99
29) 1,1-Dichloropropene	5.521	75	33662	2.015	ug/l	98
30) Carbon Tetrachloride	5.518	117	34094	2.085	ug/l	97
31) Isopropyl Ether	3.988	45	63668	1.930	ug/l	95
32) Ethyl-t-butyl ether	4.492	59	59180	1.928	ug/l	97
33) Tert-Amyl methyl ether	5.933	73	52630	1.942	ug/l	98
34) Propionitrile	4.801	54	9781m	10.170	ug/l	
35) Benzene	5.769	78	110287	2.099	ug/l	100
36) 1,2-Dichloroethane	5.791	62	31855	2.044	ug/l	98
37) Trichloroethene	6.537	130	27771	2.213	ug/l	96
38) 1,2-Dichloropropane	6.785	63	29616	1.985	ug/l	96
39) Methacrylonitrile	4.984	41	6241	1.740	ug/l	# 87
40) Methyl acrylate	4.859	55	12544m	1.997	ug/l	
41) Tetrahydrofuran	5.068	42	7262	3.786	ug/l	95
42) 1-Chlorobutane	5.454	56	46827	2.028	ug/l	97
43) Dibromomethane	6.914	93	14435	2.137	ug/l	97
44) Bromodichloromethane	7.100	83	36718	2.098	ug/l	98

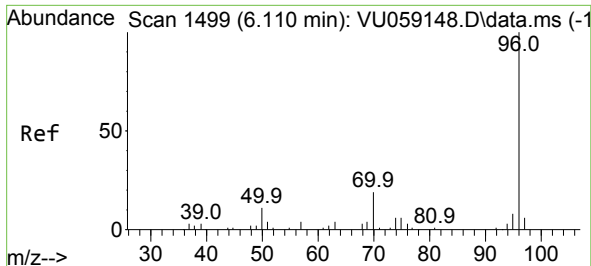
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061224\
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jun 06 08:51:44 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.785	43	68084	9.400	ug/l	99
46) t-1,4-Dichloro-2-butene	10.827	75	13312m	4.331	ug/l	
47) Methyl methacrylate	6.962	69	22744	3.920	ug/l	96
48) Ethyl methacrylate	8.331	69	19404	1.893	ug/l	97
49) Toluene	7.965	92	60436	2.088	ug/l	100
50) t-1,3-Dichloropropene	8.209	75	28614	1.910	ug/l	96
51) cis-1,3-Dichloropropene	7.605	75	36671	1.999	ug/l	96
52) 1,1,2-Trichloroethane	8.396	97	20930	2.097	ug/l	93
53) 1,3-Dichloropropane	8.569	76	36234	2.107	ug/l	99
54) 2-Hexanone	8.682	43	49793	9.211	ug/l	96
55) Dibromochloromethane	8.804	129	23058	2.134	ug/l	99
56) 1,2-Dibromoethane	8.920	107	17815	2.035	ug/l	97
58) Tetrachloroethene	8.547	164	26952	2.330	ug/l	98
59) Chlorobenzene	9.441	112	70088	2.214	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.528	131	24455	2.156	ug/l	98
61) Pentachloroethane	11.421	117	18601	2.114	ug/l	96
62) Hexachloroethane	12.470	117	18156	2.030	ug/l	98
63) Ethyl Benzene	9.566	91	108830	2.036	ug/l	99
64) m/p-Xylenes	9.688	106	84298	4.181	ug/l	98
65) o-Xylene	10.093	106	41840	2.104	ug/l	97
66) Styrene	10.113	104	65201	2.032	ug/l	97
67) Bromoform	10.283	173	12550	2.145	ug/l	95
69) Isopropylbenzene	10.479	105	106156	2.084	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.775	83	26390	2.103	ug/l	96
71) 1,2,3-Trichloropropane	10.817	75	18669m	1.949	ug/l	
72) Bromobenzene	10.778	156	26419	2.163	ug/l	96
73) n-propylbenzene	10.900	120	28250	2.036	ug/l	96
74) 2-Chlorotoluene	10.981	126	26820	2.155	ug/l	96
75) 1,3,5-Trimethylbenzene	11.084	105	91509	2.081	ug/l	100
76) 4-Chlorotoluene	11.093	126	28165	2.164	ug/l	93
77) tert-Butylbenzene	11.415	119	85978	2.103	ug/l	100
78) 1,2,4-Trimethylbenzene	11.463	105	89889	2.024	ug/l	99
79) sec-Butylbenzene	11.637	105	122065	2.098	ug/l	100
80) Nitrobenzene	13.222	77	2610m	9.924	ug/l	
81) p-Isopropyltoluene	11.788	119	94264	2.098	ug/l	100
82) 1,3-Dichlorobenzene	11.743	146	57143	2.208	ug/l	98
83) 1,4-Dichlorobenzene	11.833	146	55461	2.143	ug/l	99
84) n-Butylbenzene	12.206	91	85068	2.022	ug/l	97
85) 1,2-Dichlorobenzene	12.209	146	52983	2.169	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.990	75	3077	1.802	ug/l	91
87) 1,2,4-Trichlorobenzene	13.836	180	26362	2.016	ug/l	96
88) Hexachlorobutadiene	14.013	225	18546	2.272	ug/l	97
89) Naphthalene	14.087	128	36255	1.704	ug/l	98
90) 1,2,3-Trichlorobenzene	14.325	180	24540	2.064	ug/l	99

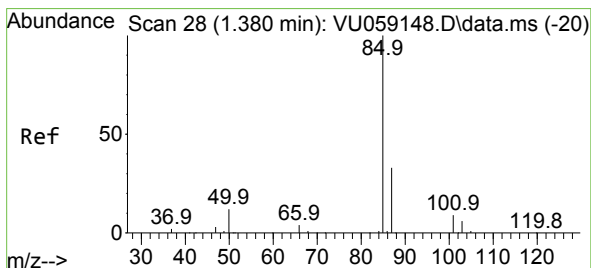
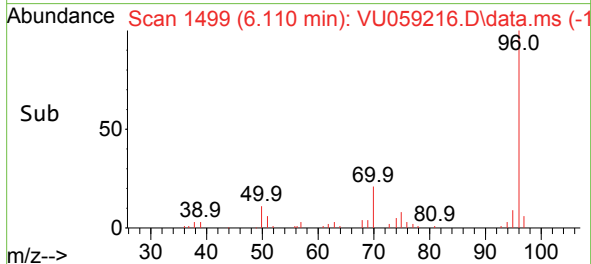
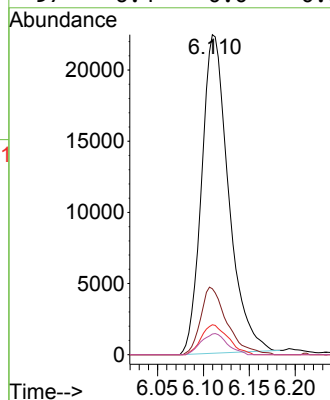
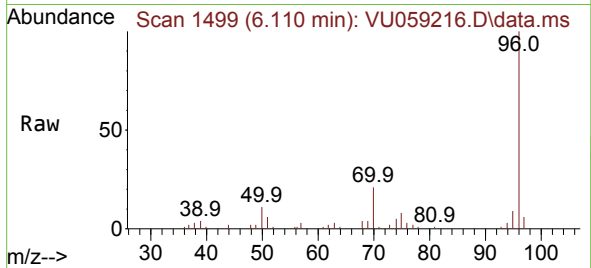
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.110 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

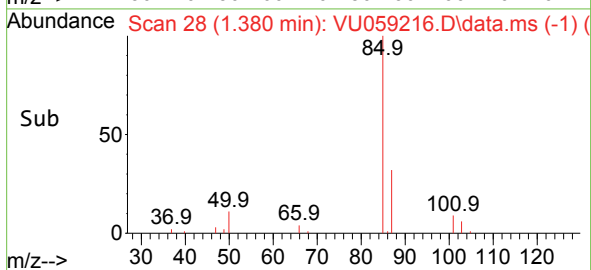
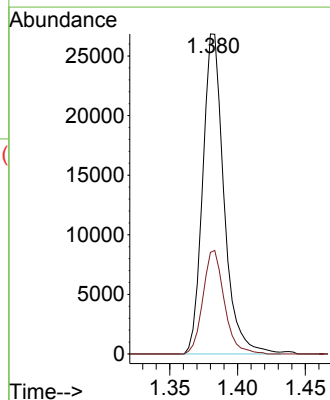
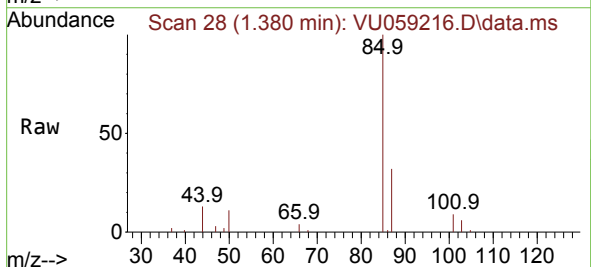
Instrument :
MSVOA_U
ClientSampleId :
VU0612WBS01

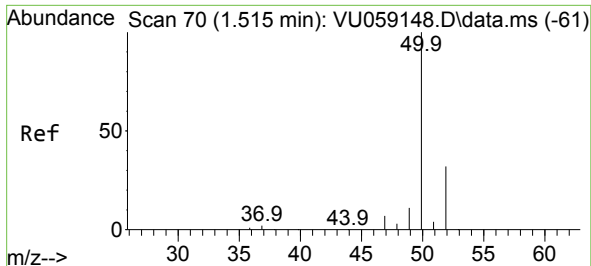
Tgt Ion: 96	Resp: 45709
Ion Ratio	Lower Upper
96 100	
70 20.7	16.6 24.8
95 9.4	7.1 10.7
97 6.4	0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 2.046 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

Tgt Ion: 85	Resp: 29296
Ion Ratio	Lower Upper
85 100	
87 31.7	16.3 48.9

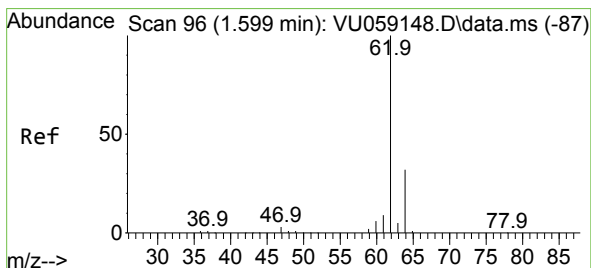
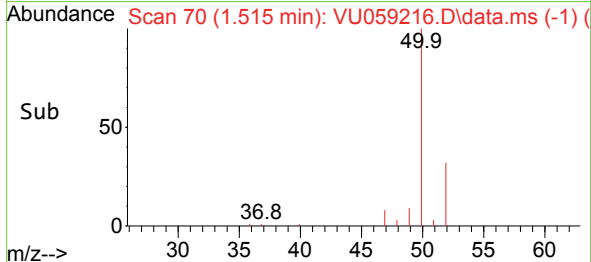
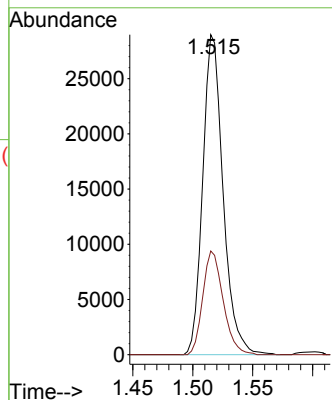
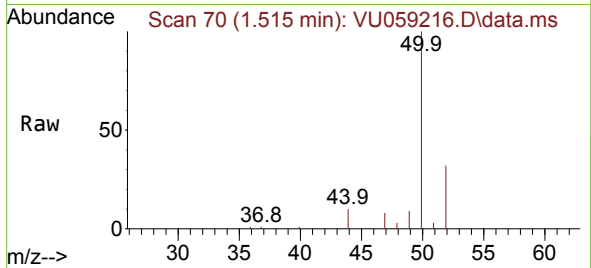




#3
Chloromethane
Concen: 1.989 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

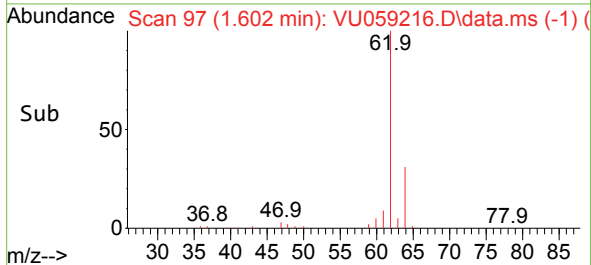
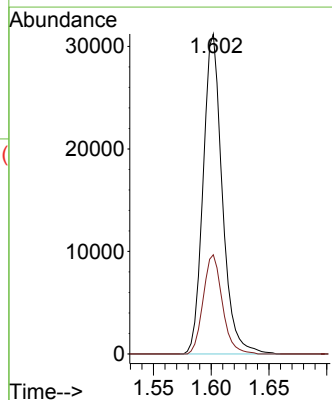
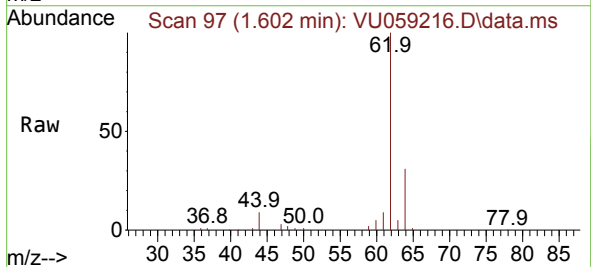
Instrument :
MSVOA_U
ClientSampleId :
VU0612WBS01

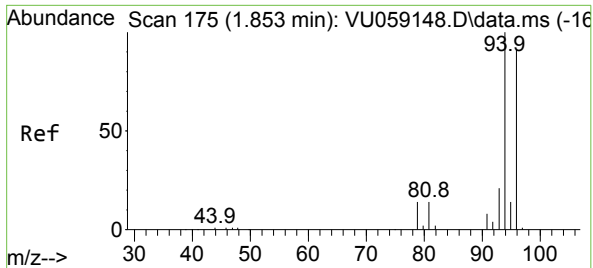
Tgt Ion: 50 Resp: 34295
Ion Ratio Lower Upper
50 100
52 32.4 26.0 39.0



#4
Vinyl Chloride
Concen: 2.066 ug/l
RT: 1.602 min Scan# 97
Delta R.T. 0.003 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

Tgt Ion: 62 Resp: 36000
Ion Ratio Lower Upper
62 100
64 31.0 25.2 37.8

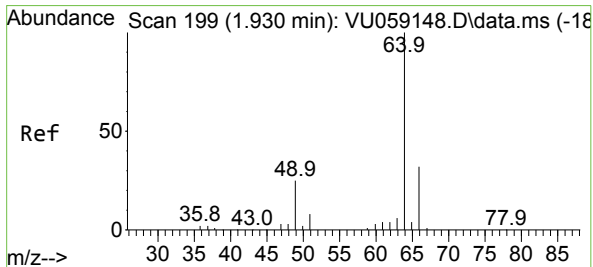
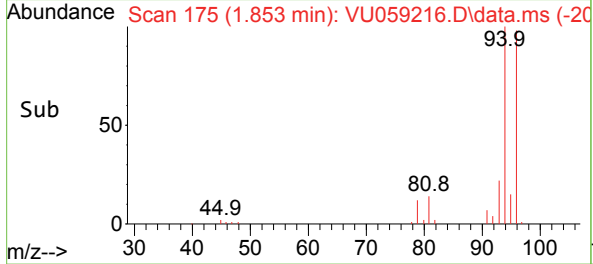
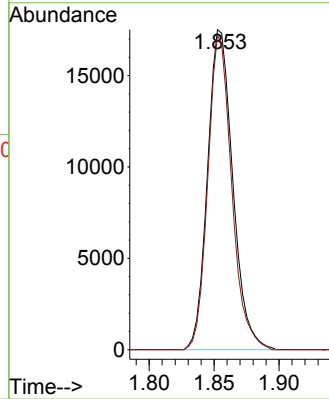
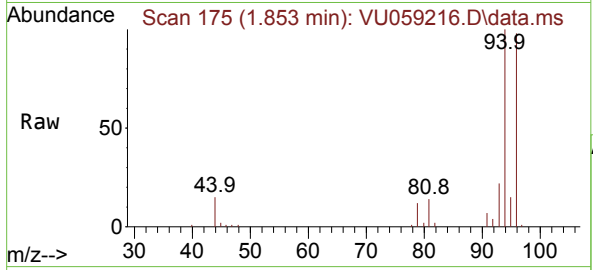




#5
Bromomethane
Concen: 2.236 ug/l
RT: 1.853 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

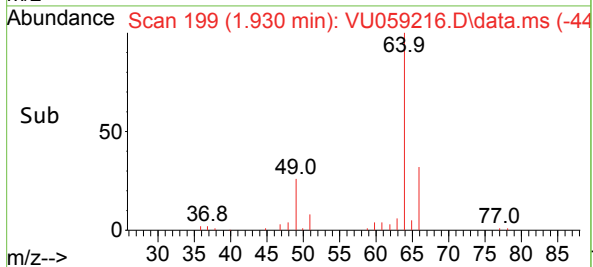
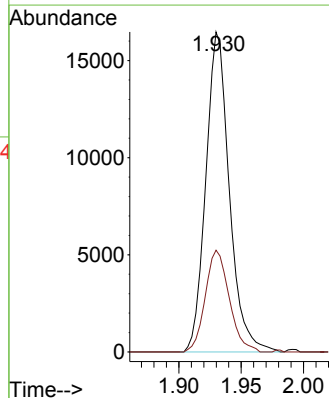
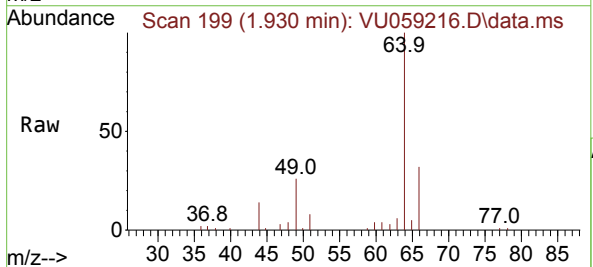
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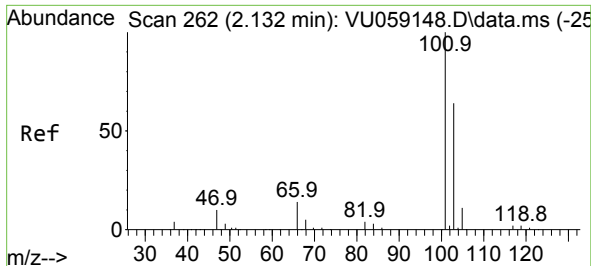
Tgt Ion: 94 Resp: 23668
Ion Ratio Lower Upper
94 100
96 98.2 72.7 109.1



#6
Chloroethane
Concen: 1.930 ug/l
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

Tgt Ion: 64 Resp: 21632
Ion Ratio Lower Upper
64 100
66 31.8 25.5 38.3

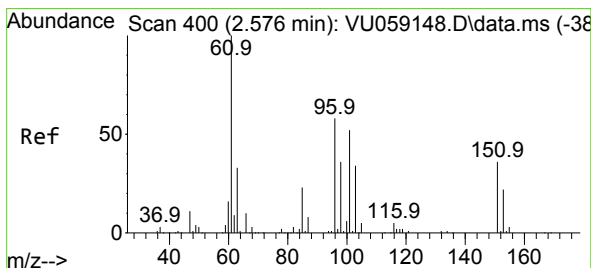
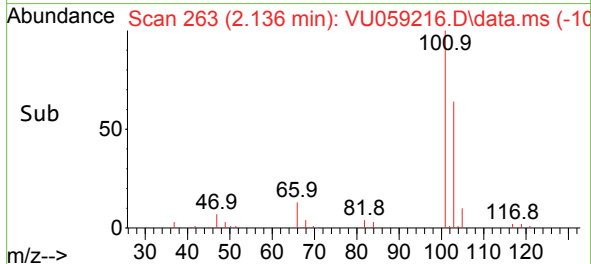
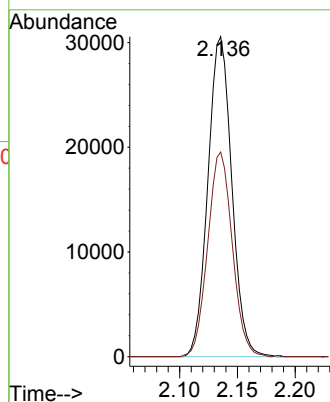
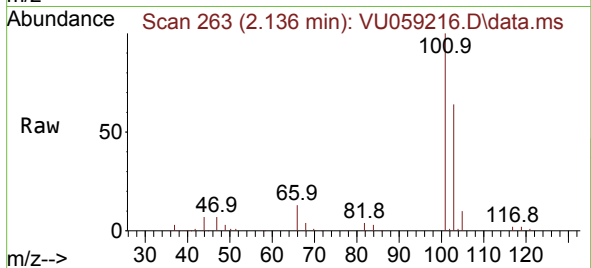




#7
Trichlorofluoromethane
Concen: 2.035 ug/l
RT: 2.136 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

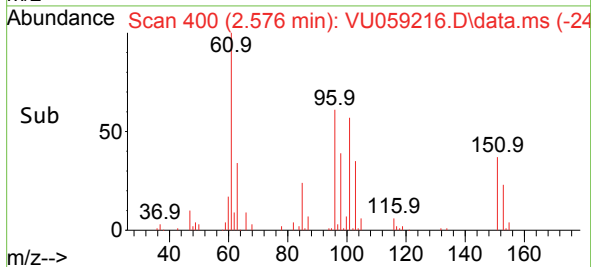
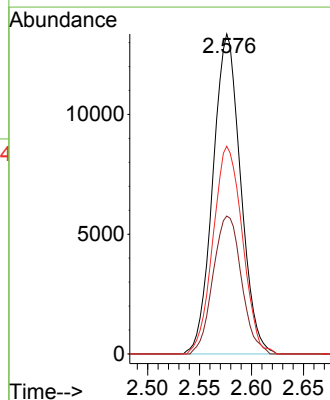
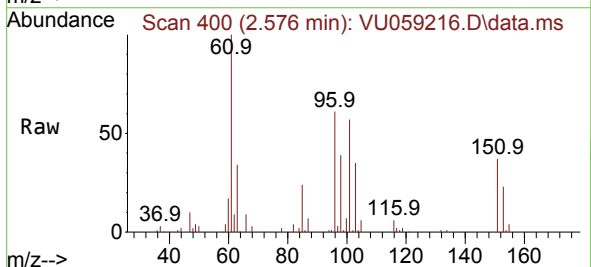
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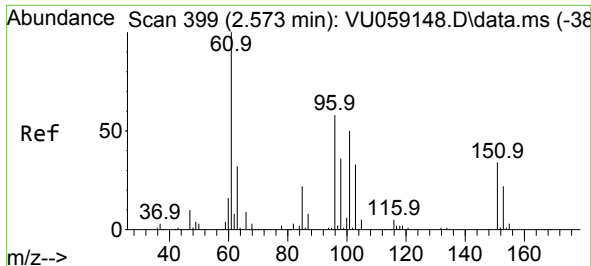
Tgt Ion:101 Resp: 43990
Ion Ratio Lower Upper
101 100
103 63.9 51.1 76.7



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.228 ug/l
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

Tgt Ion:101 Resp: 24760
Ion Ratio Lower Upper
101 100
85 44.2 36.1 54.1
151 68.8 55.0 82.6

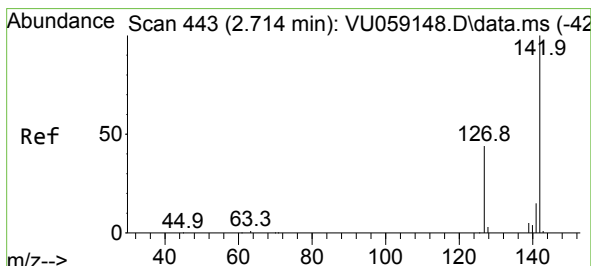
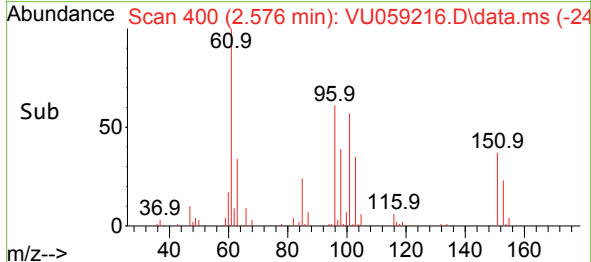
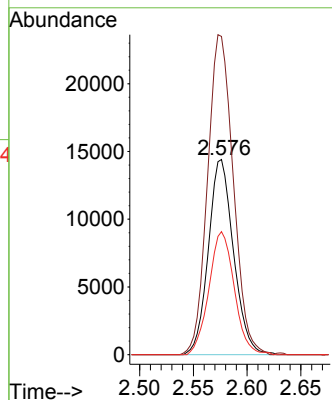
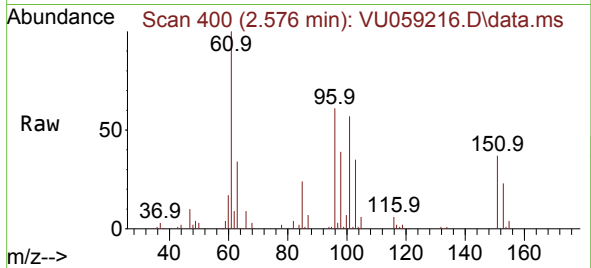




#9
1,1-Dichloroethene
Concen: 2.131 ug/l
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

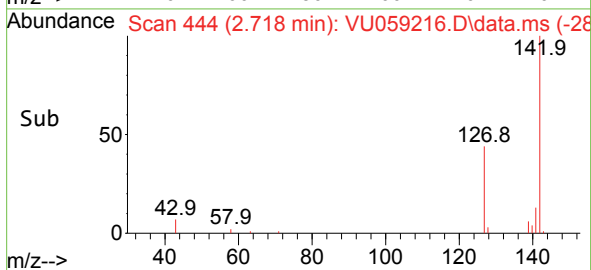
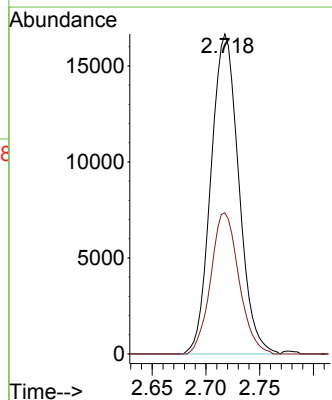
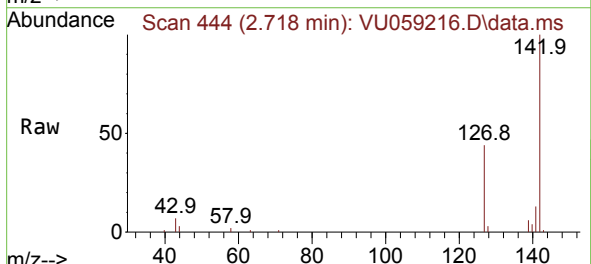
Instrument :
MSVOA_U
ClientSampleId :
VU0612WBS01

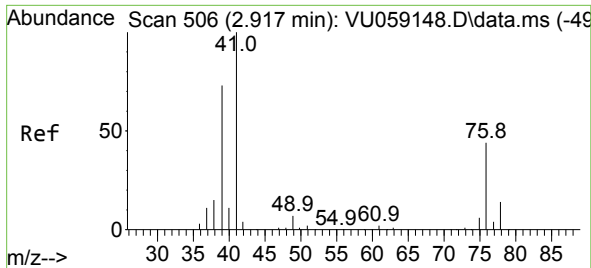
Tgt Ion: 96 Resp: 23460
Ion Ratio Lower Upper
96 100
61 163.1 0.0 515.4
98 63.0 0.0 124.4



#10
Iodomethane
Concen: 2.159 ug/l
RT: 2.718 min Scan# 444
Delta R.T. 0.004 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

Tgt Ion: 142 Resp: 29974
Ion Ratio Lower Upper
142 100
127 44.7 36.2 54.4

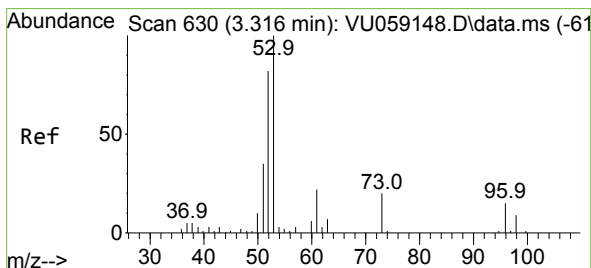
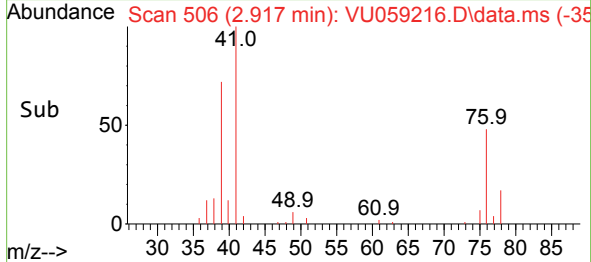
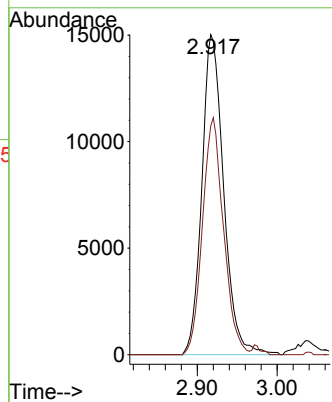
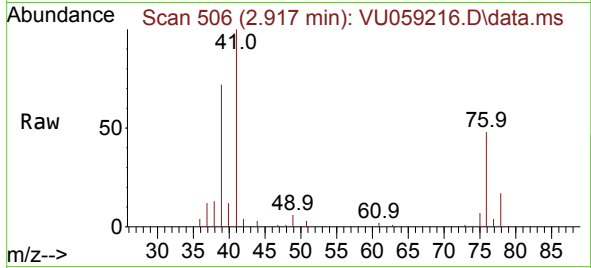




#11
 Allyl Chloride
 Concen: 1.916 ug/l
 RT: 2.917 min Scan# 506
 Delta R.T. -0.000 min
 Lab File: VU059216.D
 Acq: 12 Jun 2024 11:22

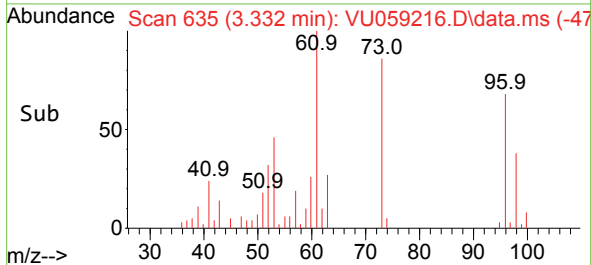
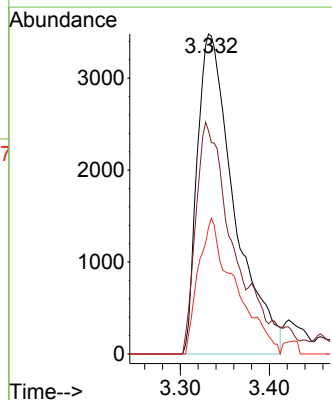
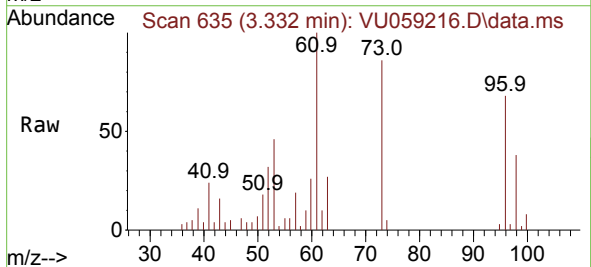
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0612WBS01

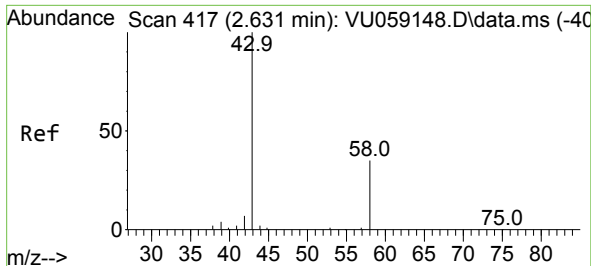
Tgt Ion: 41 Resp: 28511
 Ion Ratio Lower Upper
 41 100
 39 71.5 58.1 87.1



#12
 Acrylonitrile
 Concen: 4.018 ug/l
 RT: 3.332 min Scan# 635
 Delta R.T. 0.016 min
 Lab File: VU059216.D
 Acq: 12 Jun 2024 11:22

Tgt Ion: 53 Resp: 9995
 Ion Ratio Lower Upper
 53 100
 52 72.2 64.2 96.4
 51 42.3 33.0 49.4





#13

Acetone

Concen: 9.496 ug/l

RT: 2.640 min Scan# 417

Delta R.T. 0.010 min

Lab File: VU059216.D

Acq: 12 Jun 2024 11:22

Instrument :

MSVOA_U

ClientSampleId :

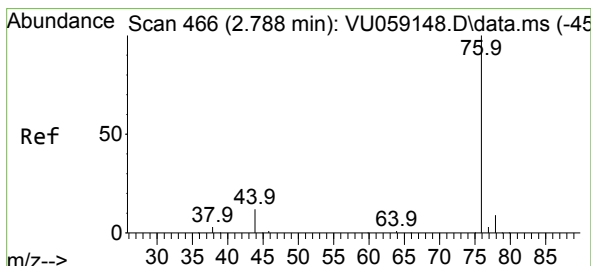
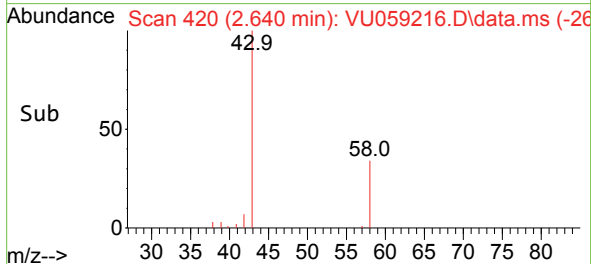
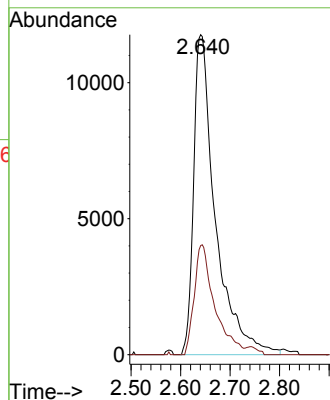
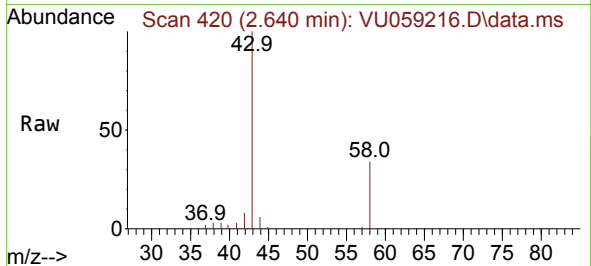
VU0612WBS01

Tgt Ion: 43 Resp: 35943

Ion Ratio Lower Upper

43 100

58 34.1 27.9 41.9



#14

Carbon Disulfide

Concen: 2.041 ug/l

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU059216.D

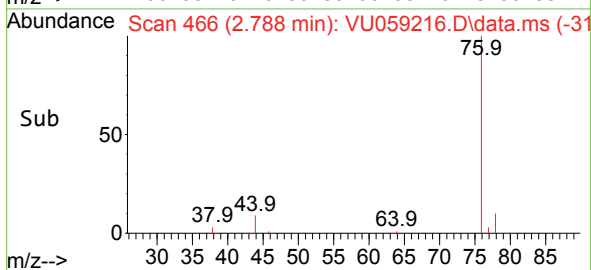
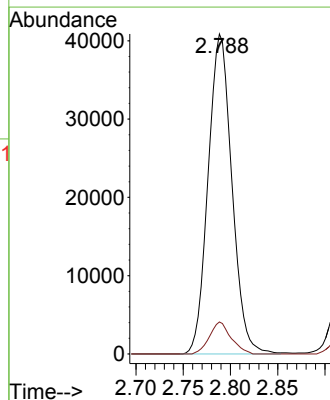
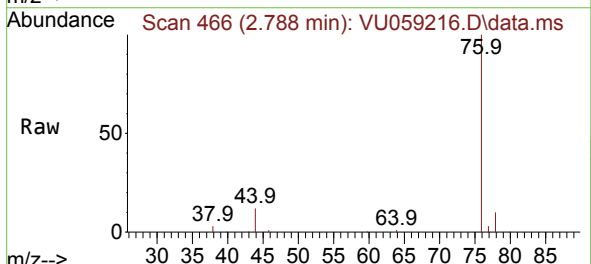
Acq: 12 Jun 2024 11:22

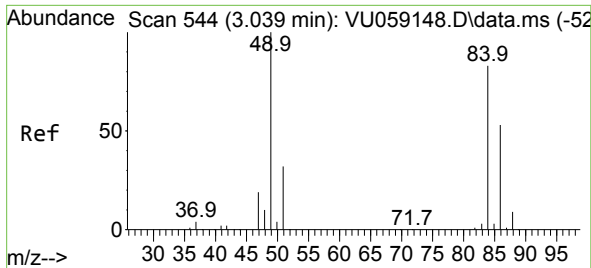
Tgt Ion: 76 Resp: 71617

Ion Ratio Lower Upper

76 100

78 10.0 7.3 10.9

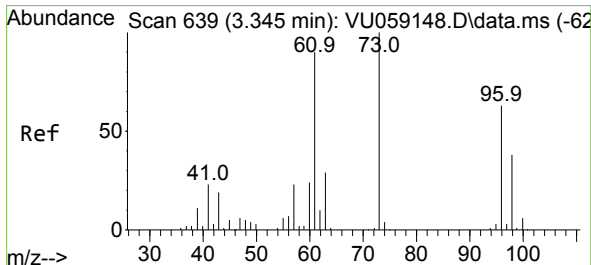
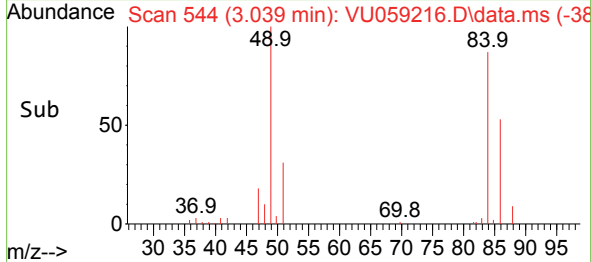
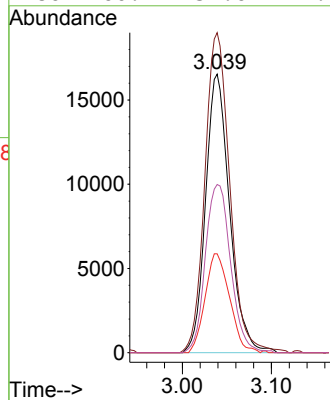
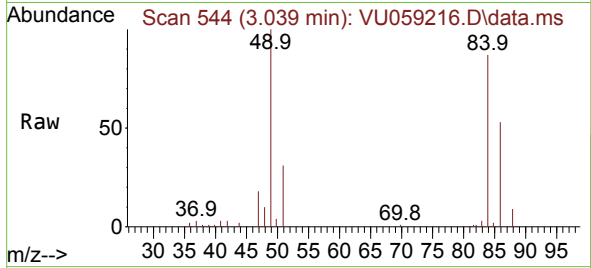




#15
Methylene Chloride
Concen: 2.053 ug/l
RT: 3.039 min Scan# 54
Delta R.T. -0.000 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

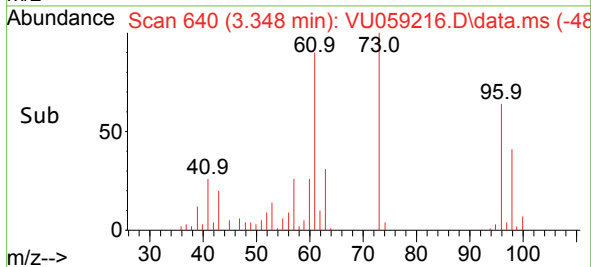
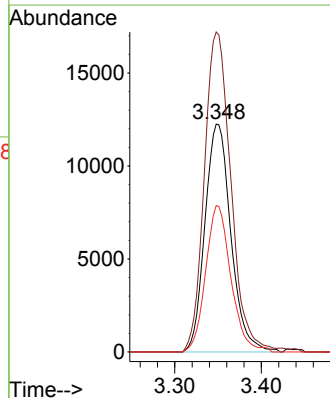
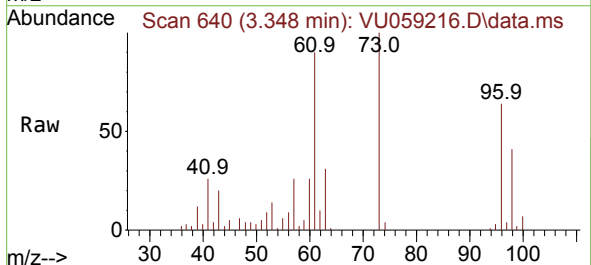
Instrument :
MSVOA_U
ClientSampleId :
VU0612WBS01

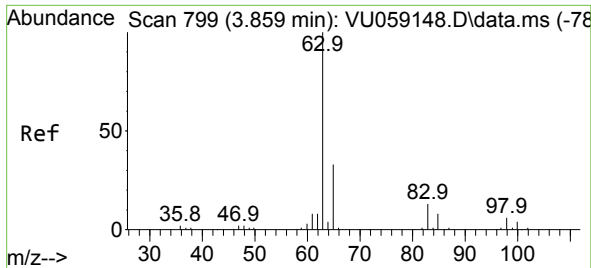
Tgt Ion:	84	Resp:	30982
Ion	Ratio	Lower	Upper
84	100		
49	114.9	96.7	145.1
51	35.5	0.0	76.8
86	60.4	51.6	77.4



#16
trans-1,2-Dichloroethene
Concen: 2.127 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

Tgt Ion:	96	Resp:	25549
Ion	Ratio	Lower	Upper
96	100		
61	140.4	114.8	172.2
98	64.2	48.8	73.2

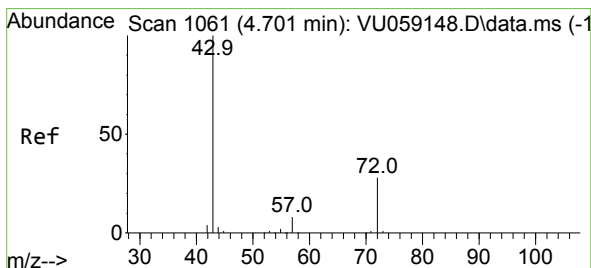
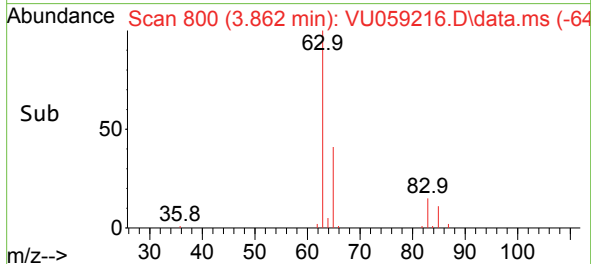
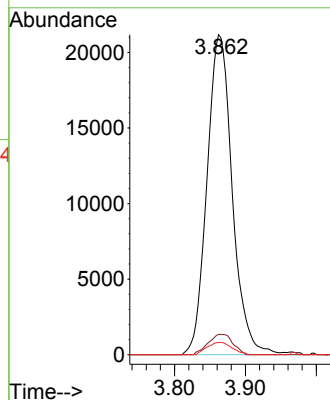
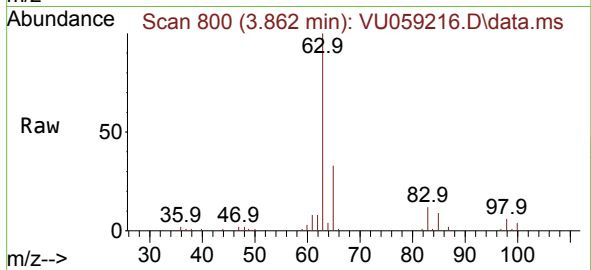




#17
1,1-Dichloroethane
Concen: 2.084 ug/l
RT: 3.862 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

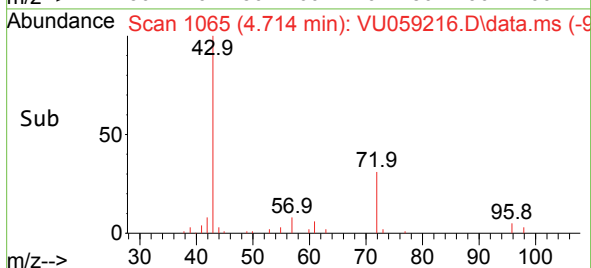
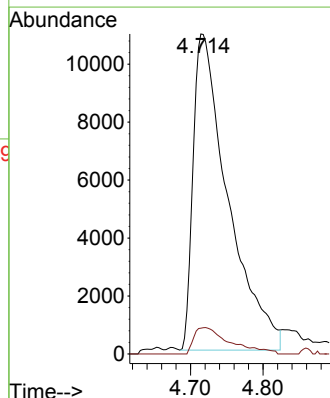
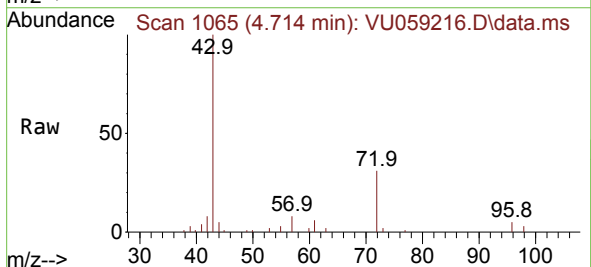
Instrument :
MSVOA_U
ClientSampleId :
VU0612WBS01

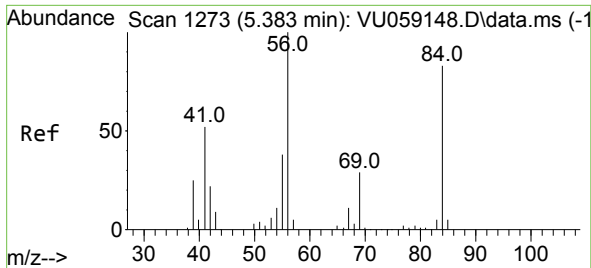
Tgt Ion: 63 Resp: 52424
Ion Ratio Lower Upper
63 100
98 6.3 3.2 9.6
100 3.8 2.1 6.5



#18
2-Butanone
Concen: 8.688 ug/l
RT: 4.714 min Scan# 1065
Delta R.T. 0.013 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

Tgt Ion: 43 Resp: 36476
Ion Ratio Lower Upper
43 100
57 8.1 0.0 16.8

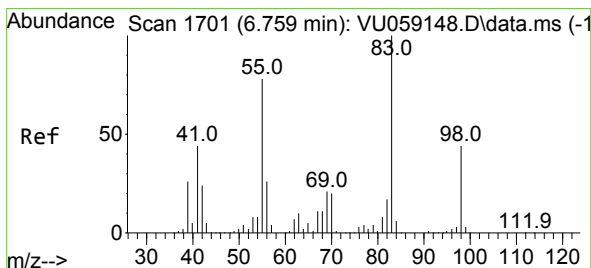
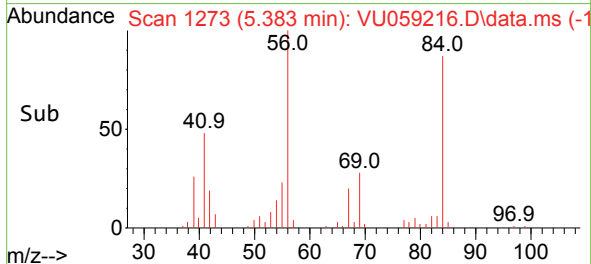
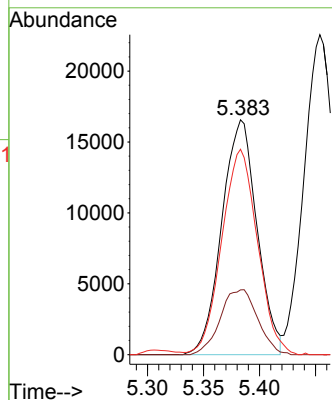
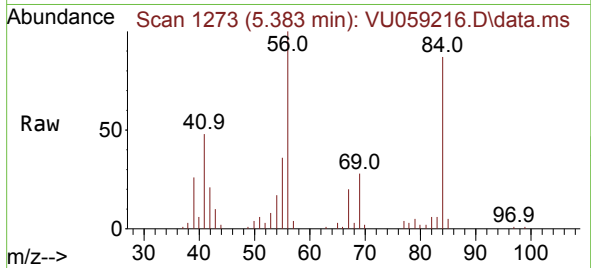




#19
Cyclohexane
Concen: 1.992 ug/l m
RT: 5.383 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

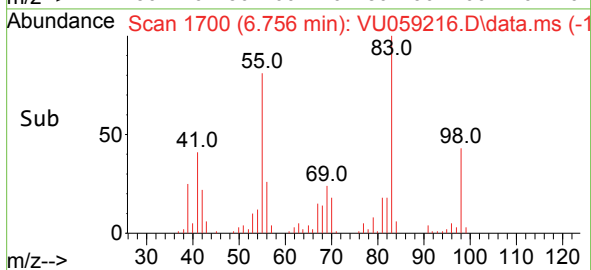
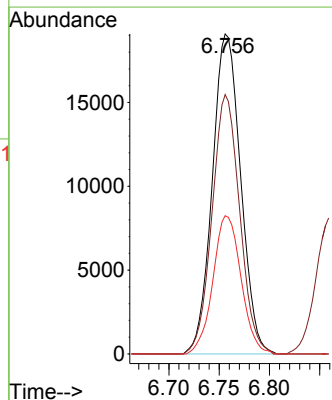
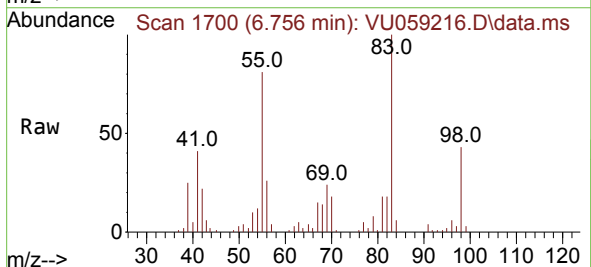
Instrument :
MSVOA_U
ClientSampleId :
VU0612WBS01

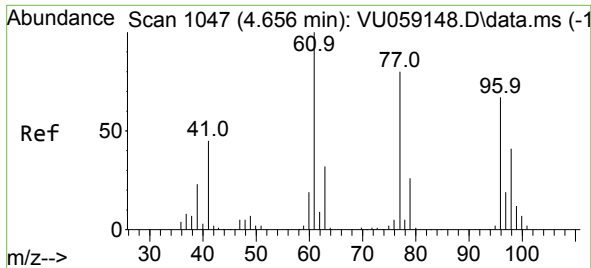
Tgt Ion:	56	Resp:	36264
Ion	Ratio	Lower	Upper
56	100		
69	29.4	23.5	35.3
84	87.4	66.5	99.7



#20
Methylcyclohexane
Concen: 2.047 ug/l
RT: 6.756 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

Tgt Ion:	83	Resp:	37450
Ion	Ratio	Lower	Upper
83	100		
55	79.1	62.7	94.1
98	42.8	35.1	52.7

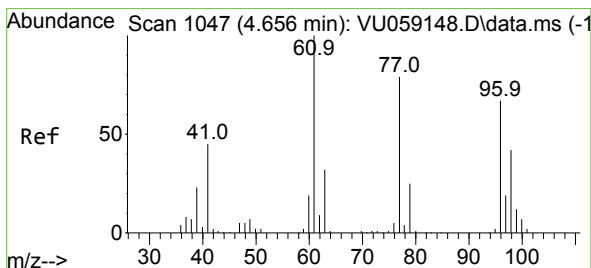
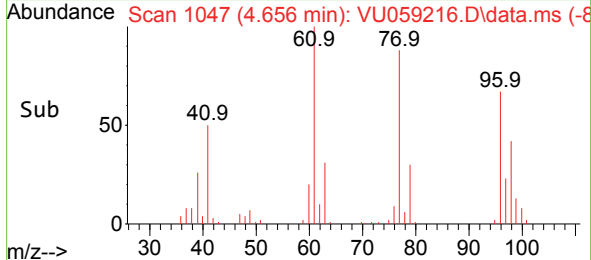
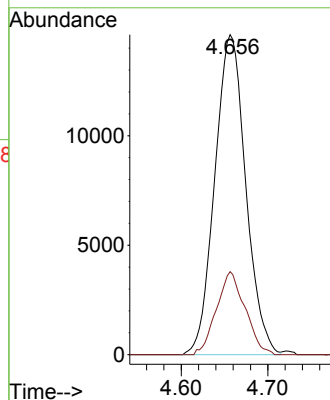
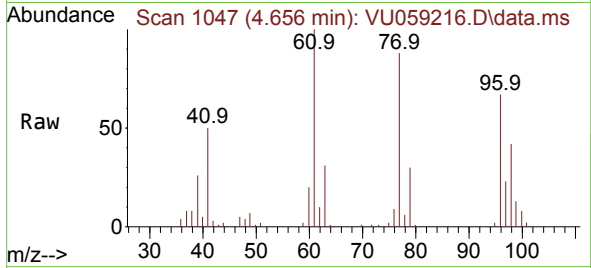




#21
2,2-Dichloropropane
Concen: 1.951 ug/l
RT: 4.656 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

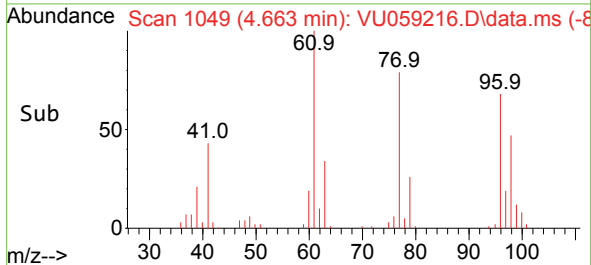
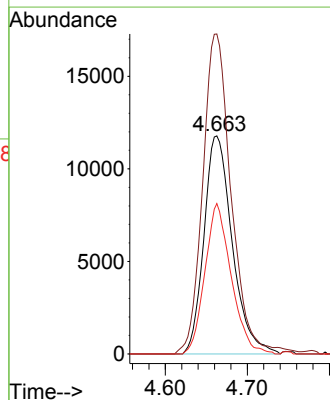
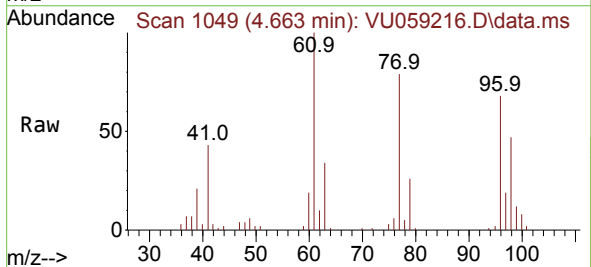
Instrument :
MSVOA_U
ClientSampleId :
VU0612WBS01

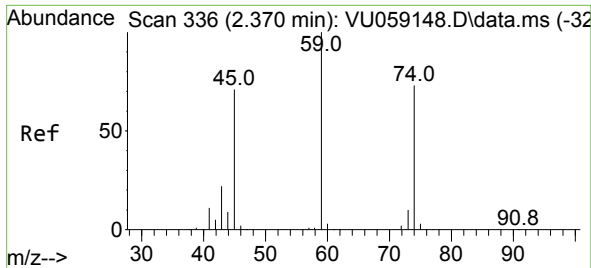
Tgt Ion: 77 Resp: 36305
Ion Ratio Lower Upper
77 100
97 24.0 18.1 27.1



#22
cis-1,2-Dichloroethene
Concen: 2.167 ug/l
RT: 4.663 min Scan# 1049
Delta R.T. 0.006 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

Tgt Ion: 96 Resp: 28286
Ion Ratio Lower Upper
96 100
61 147.7 0.0 388.5
98 64.0 31.8 95.3





#23

Diethyl Ether

Concen: 1.980 ug/l

RT: 2.373 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU059216.D

Acq: 12 Jun 2024 11:22

Instrument :

MSVOA_U

ClientSampleId :

VU0612WBS01

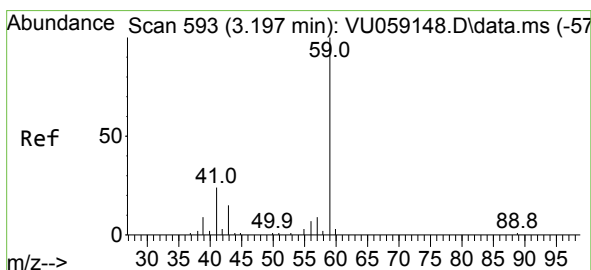
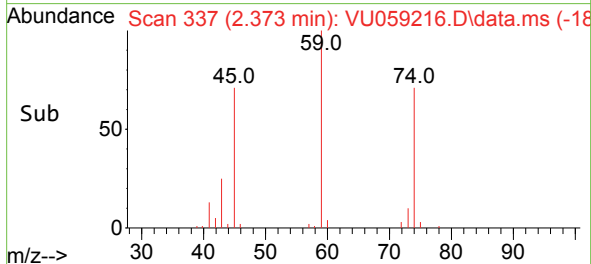
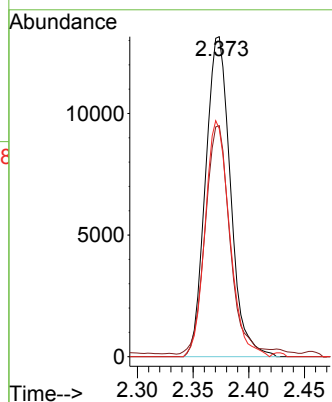
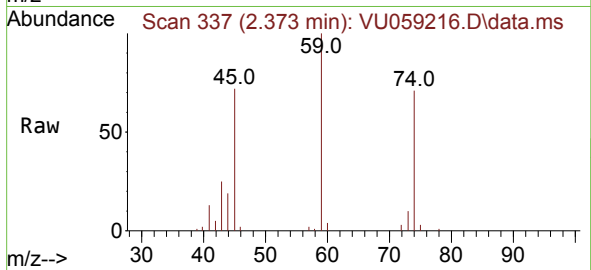
Tgt Ion: 59 Resp: 20442

Ion Ratio Lower Upper

59 100

45 70.7 58.8 88.2

74 72.6 58.0 87.0



#24

tert-Butyl Alcohol

Concen: 20.783 ug/l m

RT: 3.222 min Scan# 601

Delta R.T. 0.025 min

Lab File: VU059216.D

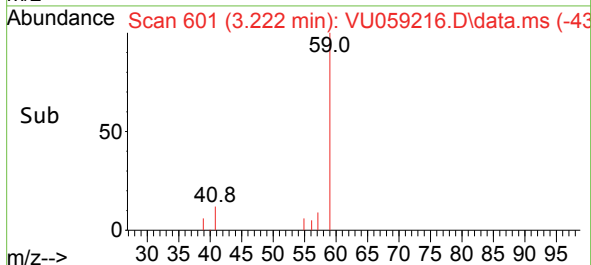
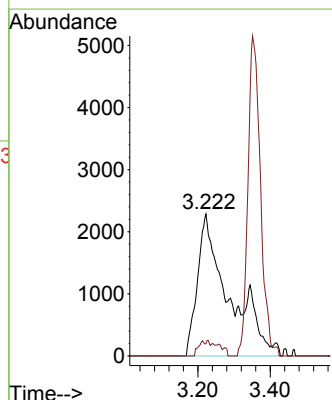
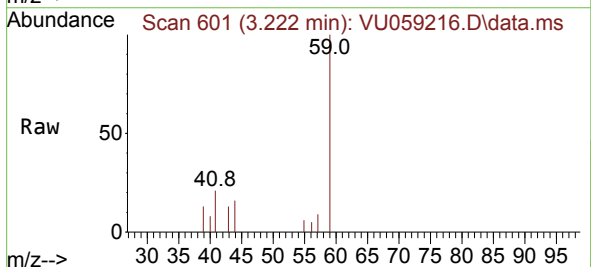
Acq: 12 Jun 2024 11:22

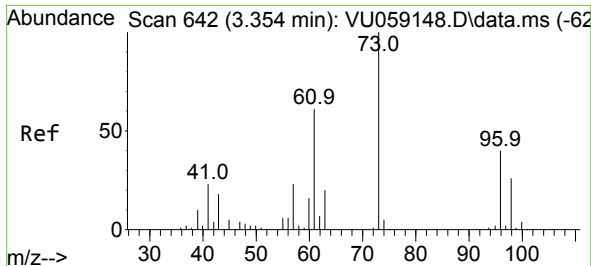
Tgt Ion: 59 Resp: 13763

Ion Ratio Lower Upper

59 100

57 0.0 2.9 4.3#

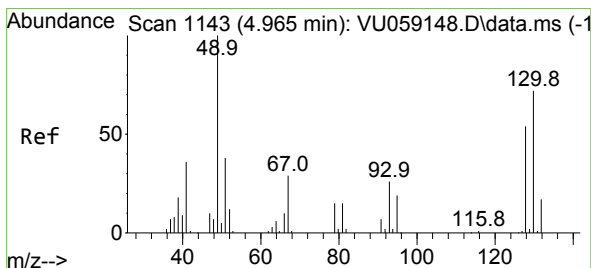
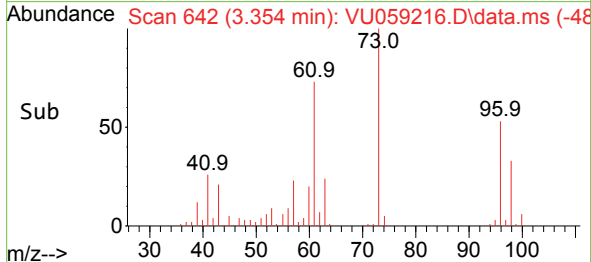
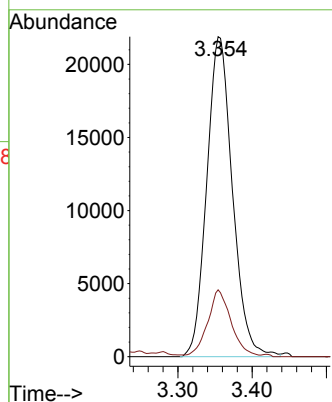
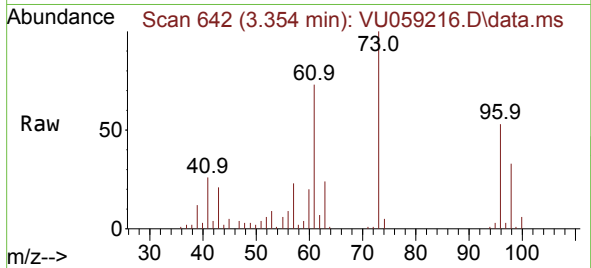




#25
Methyl tert-Butyl Ether
Concen: 1.990 ug/l
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

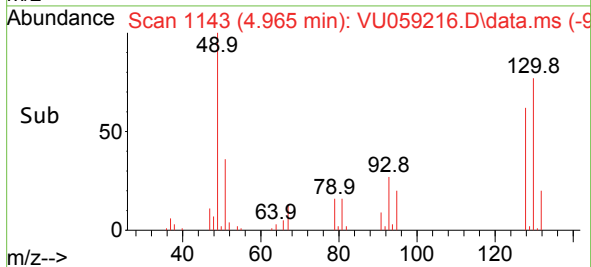
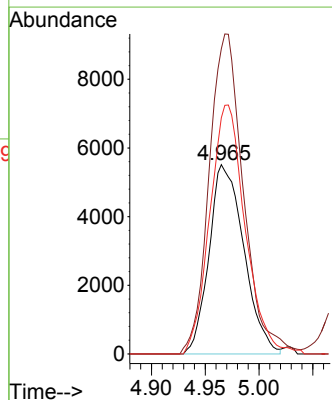
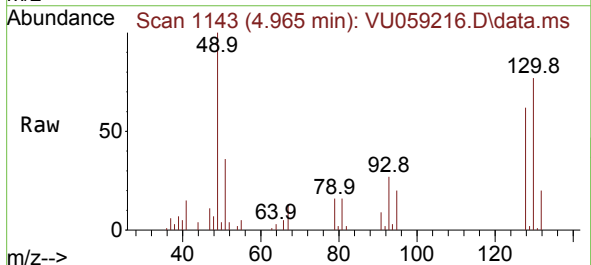
Instrument :
MSVOA_U
ClientSampleId :
VU0612WBS01

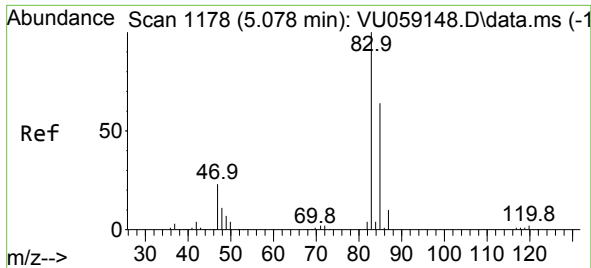
Tgt Ion: 73 Resp: 52530
Ion Ratio Lower Upper
73 100
43 17.9 15.0 22.6



#26
Bromochloromethane
Concen: 2.249 ug/l
RT: 4.965 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

Tgt Ion: 128 Resp: 12402
Ion Ratio Lower Upper
128 100
49 166.6 0.0 371.2
130 133.8 104.1 156.1





#27

Chloroform

Concen: 2.108 ug/l

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU059216.D

Acq: 12 Jun 2024 11:22

Instrument :

MSVOA_U

ClientSampleId :

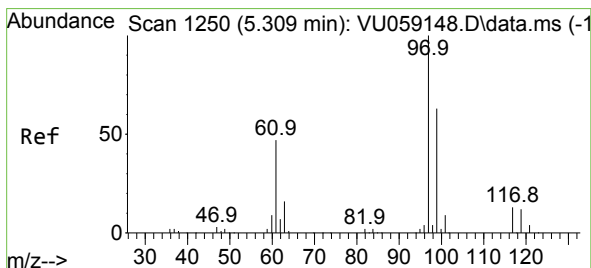
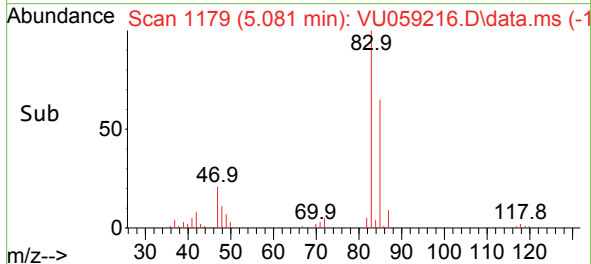
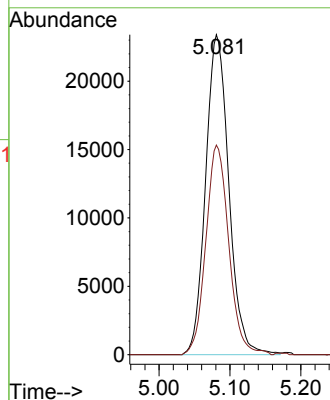
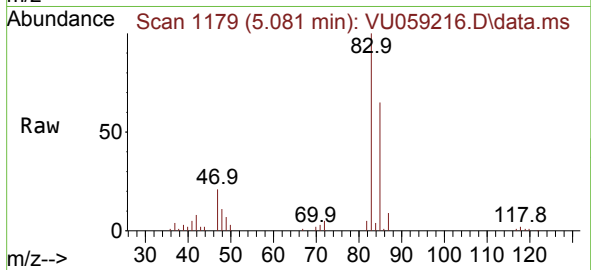
VU0612WBS01

Tgt Ion: 83 Resp: 53298

Ion Ratio Lower Upper

83 100

85 65.5 0.0 127.2



#28

1,1,1-Trichloroethane

Concen: 2.080 ug/l

RT: 5.309 min Scan# 1250

Delta R.T. -0.000 min

Lab File: VU059216.D

Acq: 12 Jun 2024 11:22

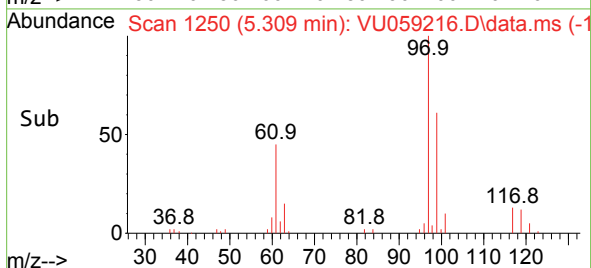
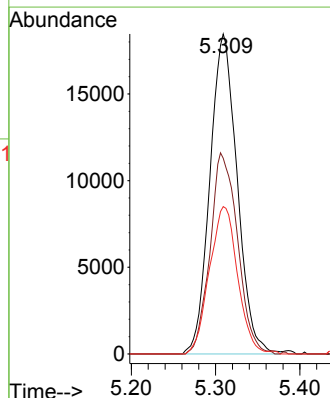
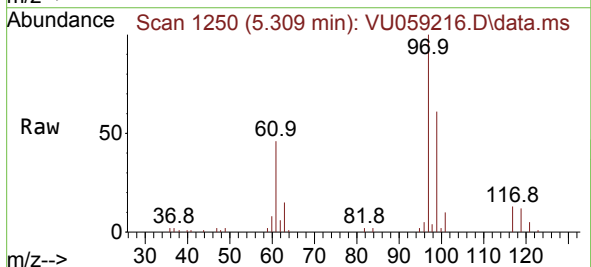
Tgt Ion: 97 Resp: 41468

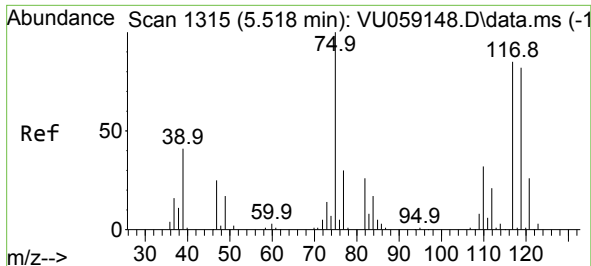
Ion Ratio Lower Upper

97 100

99 63.3 32.0 96.0

61 47.5 23.9 71.7





#29

1,1-Dichloropropene

Concen: 2.015 ug/l

RT: 5.521 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU059216.D

Acq: 12 Jun 2024 11:22

Instrument :

MSVOA_U

ClientSampleId :

VU0612WBS01

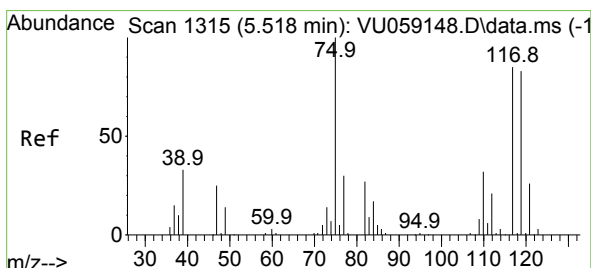
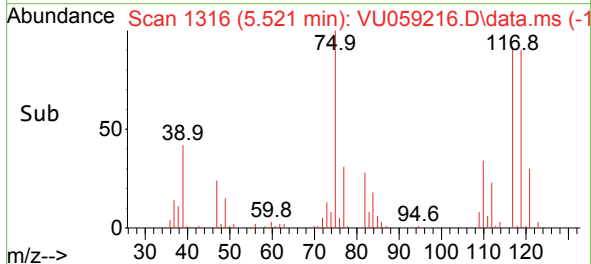
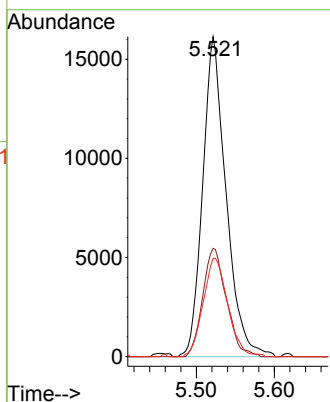
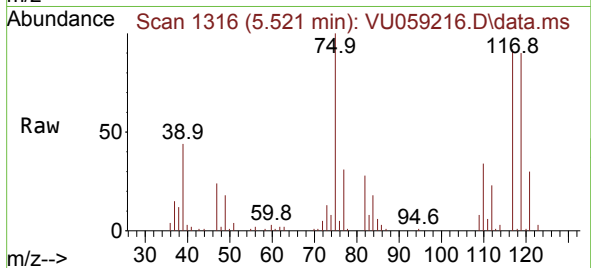
Tgt Ion: 75 Resp: 33662

Ion Ratio Lower Upper

75 100

110 34.3 17.0 50.9

77 32.3 24.6 36.8



#30

Carbon Tetrachloride

Concen: 2.085 ug/l

RT: 5.518 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VU059216.D

Acq: 12 Jun 2024 11:22

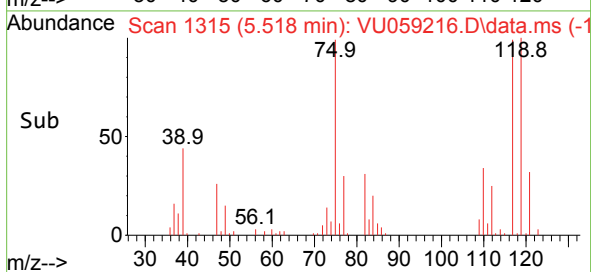
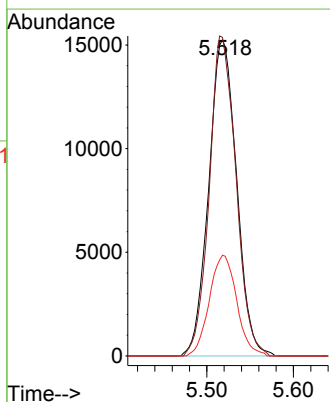
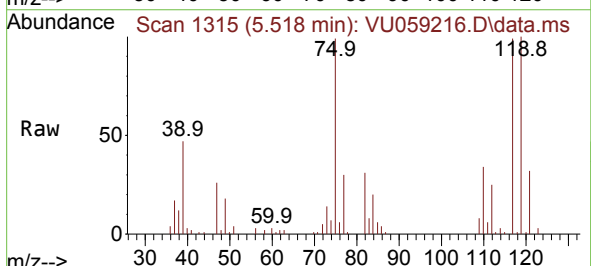
Tgt Ion: 117 Resp: 34094

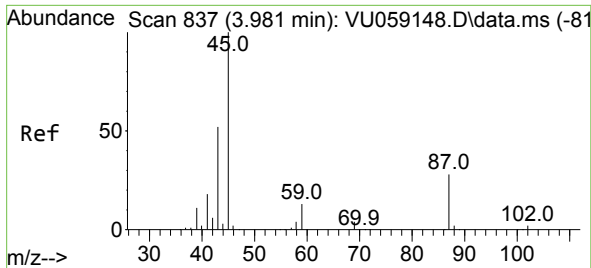
Ion Ratio Lower Upper

117 100

119 100.7 77.5 116.3

121 31.9 24.6 37.0

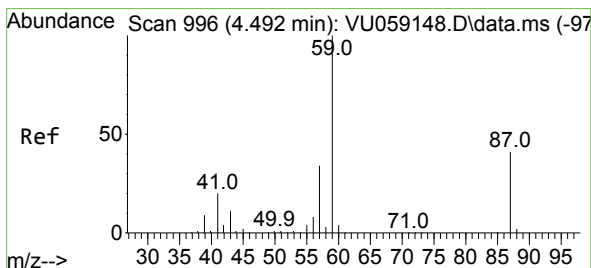
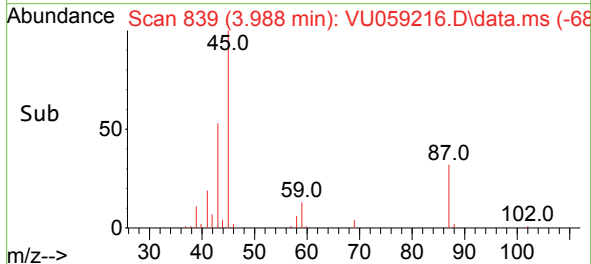
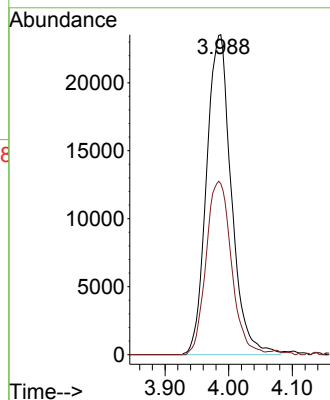
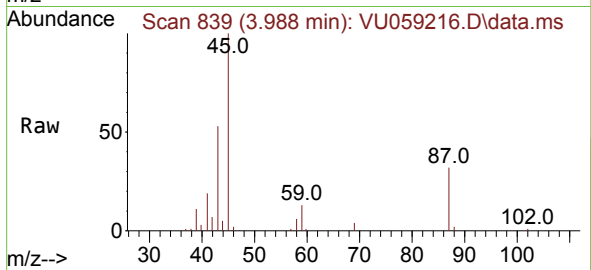




#31
Isopropyl Ether
Concen: 1.930 ug/l
RT: 3.988 min Scan# 837
Delta R.T. 0.006 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

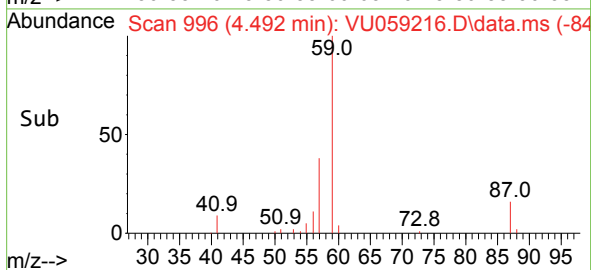
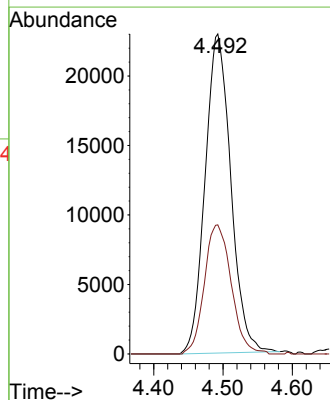
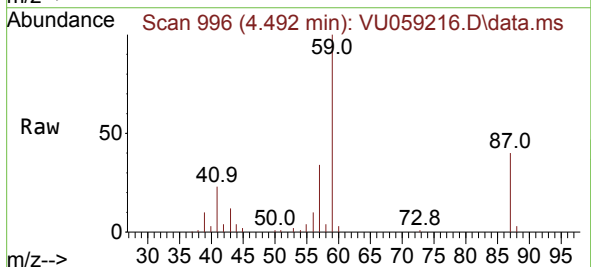
Instrument :
MSVOA_U
ClientSampleId :
VU0612WBS01

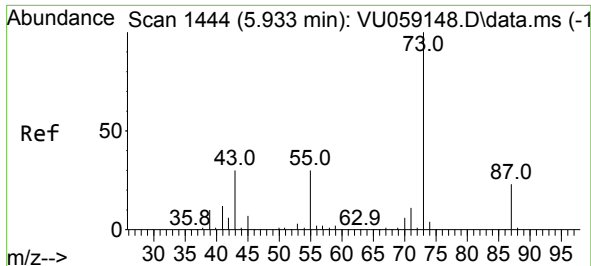
Tgt Ion: 45 Resp: 63668
Ion Ratio Lower Upper
45 100
43 55.5 26.1 78.3



#32
Ethyl-t-butyl ether
Concen: 1.928 ug/l
RT: 4.492 min Scan# 996
Delta R.T. -0.000 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

Tgt Ion: 59 Resp: 59180
Ion Ratio Lower Upper
59 100
87 42.2 32.2 48.4

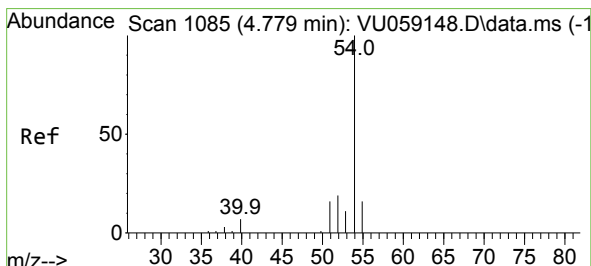
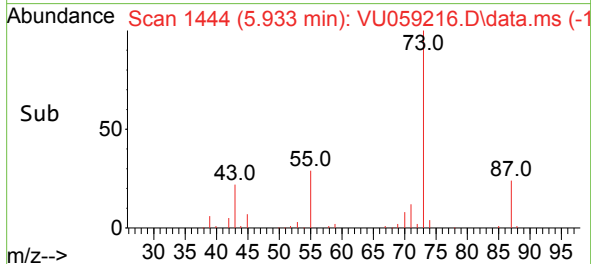
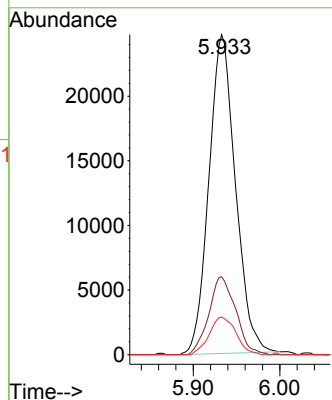
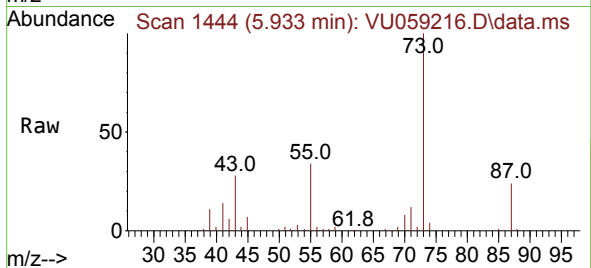




#33
Tert-Amyl methyl ether
Concen: 1.942 ug/l
RT: 5.933 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

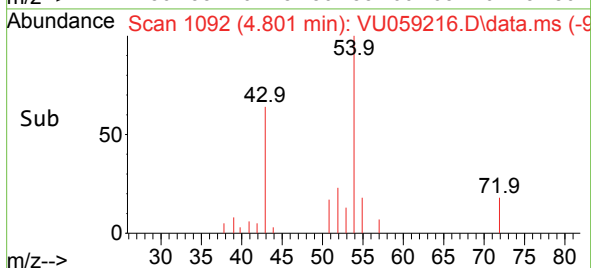
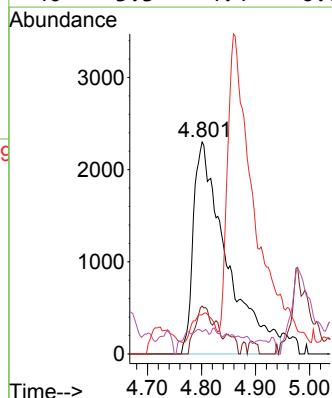
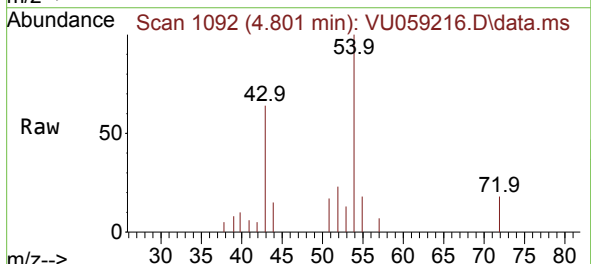
Instrument :
MSVOA_U
ClientSampleId :
VU0612WBS01

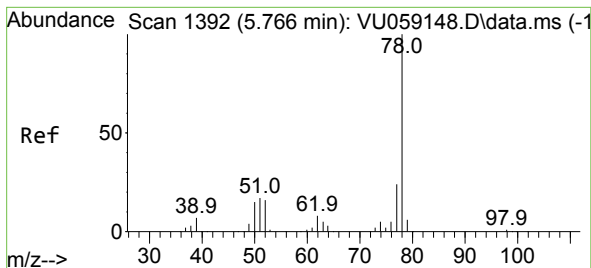
Tgt Ion: 73	Resp: 52630
Ion Ratio	Lower Upper
73	100
87	24.7 18.6 27.8
71	11.9 9.1 13.7



#34
Propionitrile
Concen: 10.170 ug/l m
RT: 4.801 min Scan# 1092
Delta R.T. 0.022 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

Tgt Ion: 54	Resp: 9781
Ion Ratio	Lower Upper
54	100
52	10.3 15.2 22.8#
55	8.5 12.4 18.6#
40	3.3 4.4 6.6#





#35

Benzene

Concen: 2.099 ug/l

RT: 5.769 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU059216.D

Acq: 12 Jun 2024 11:22

Instrument :

MSVOA_U

ClientSampleId :

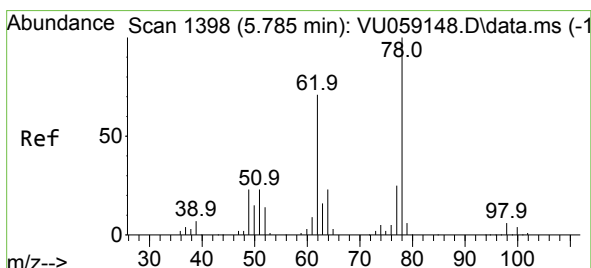
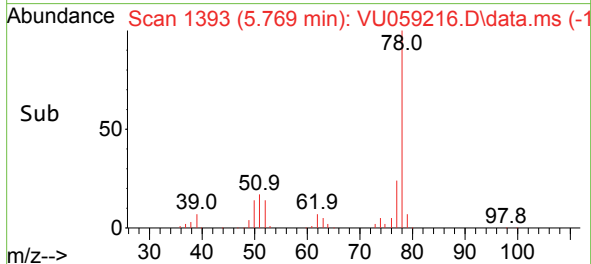
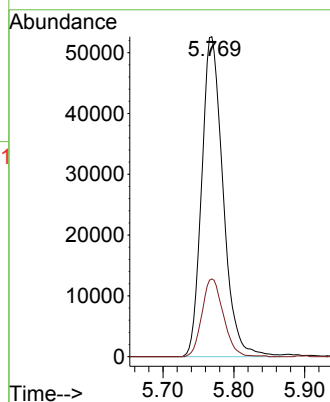
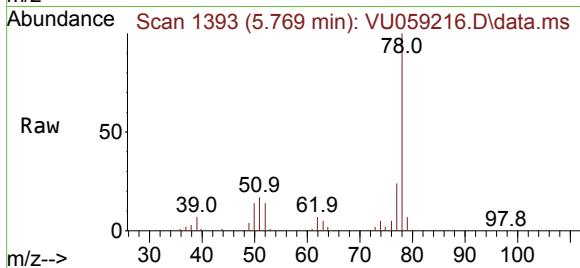
VU0612WBS01

Tgt Ion: 78 Resp: 110287

Ion Ratio Lower Upper

78 100

77 24.3 19.4 29.2



#36

1,2-Dichloroethane

Concen: 2.044 ug/l

RT: 5.791 min Scan# 1400

Delta R.T. 0.006 min

Lab File: VU059216.D

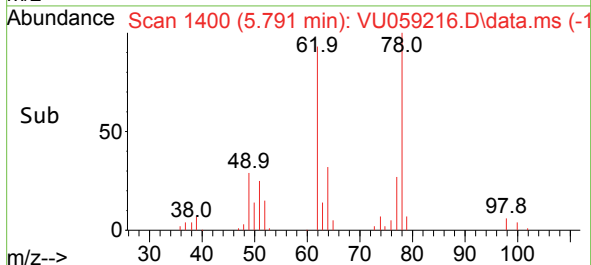
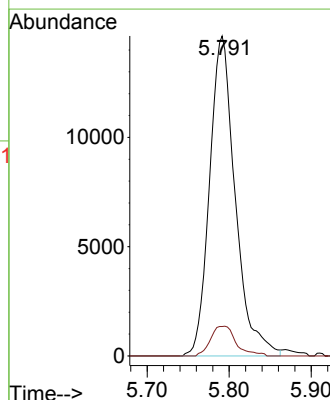
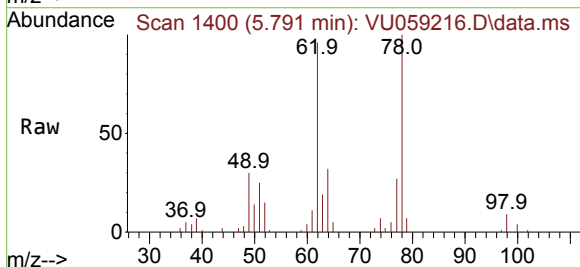
Acq: 12 Jun 2024 11:22

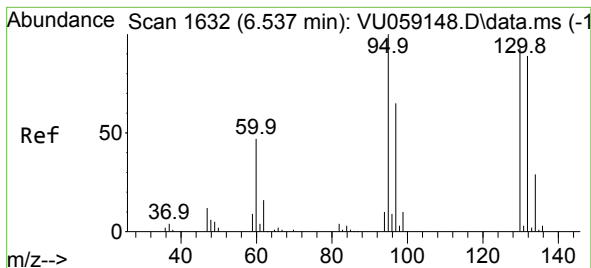
Tgt Ion: 62 Resp: 31855

Ion Ratio Lower Upper

62 100

98 9.3 6.7 10.1





#37

Trichloroethene

Concen: 2.213 ug/l

RT: 6.537 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU059216.D

Acq: 12 Jun 2024 11:22

Instrument :

MSVOA_U

ClientSampleId :

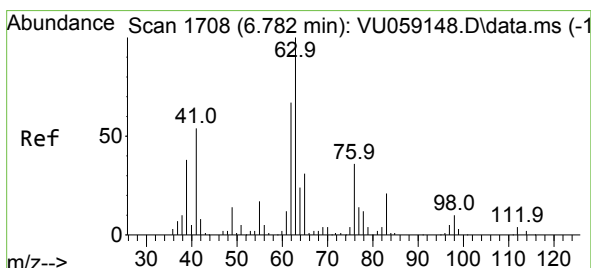
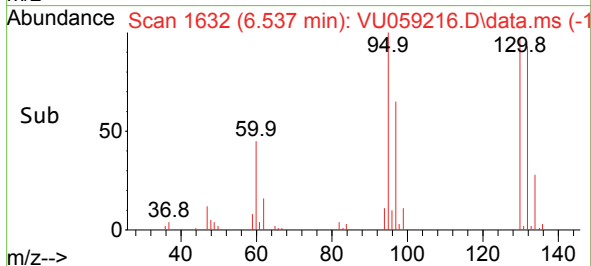
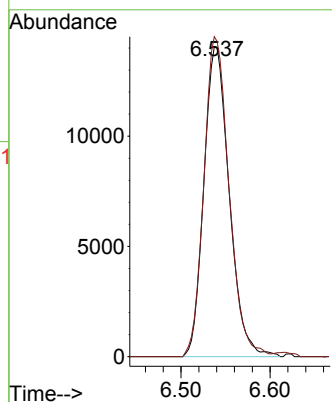
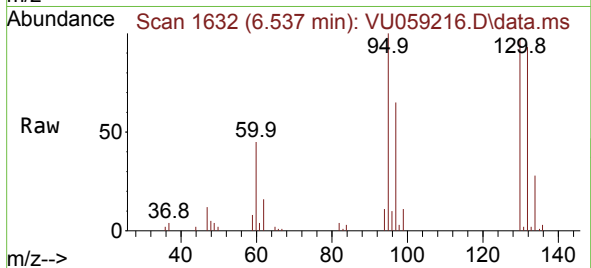
VU0612WBS01

Tgt Ion:130 Resp: 27771

Ion Ratio Lower Upper

130 100

95 103.3 85.6 128.4



#38

1,2-Dichloropropane

Concen: 1.985 ug/l

RT: 6.785 min Scan# 1709

Delta R.T. 0.003 min

Lab File: VU059216.D

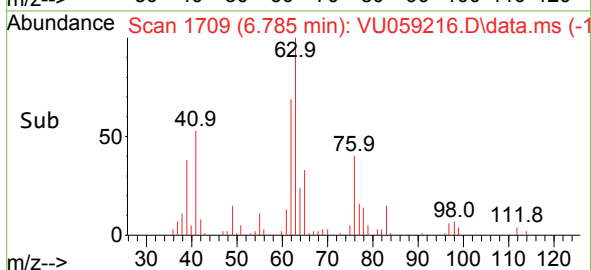
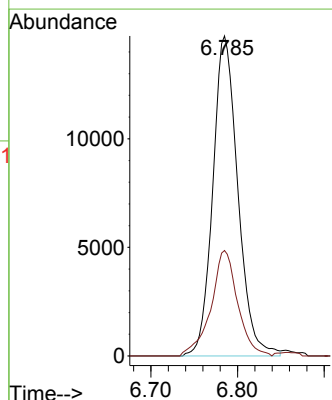
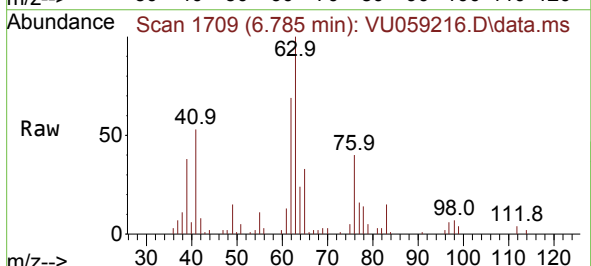
Acq: 12 Jun 2024 11:22

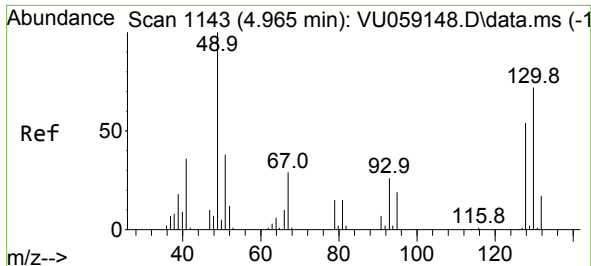
Tgt Ion: 63 Resp: 29616

Ion Ratio Lower Upper

63 100

65 33.0 24.6 37.0

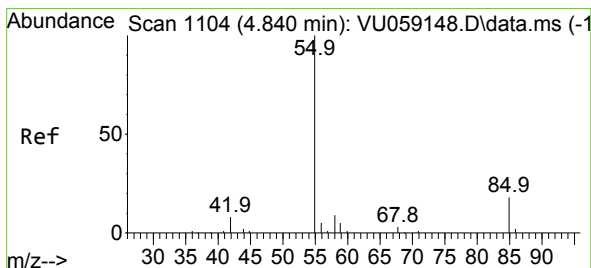
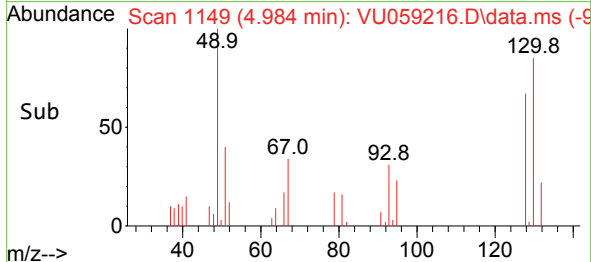
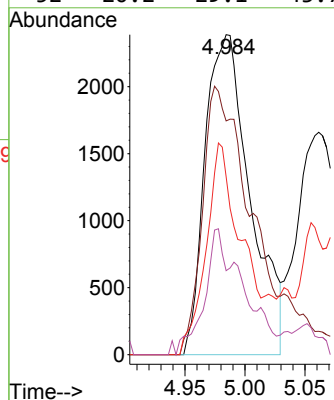
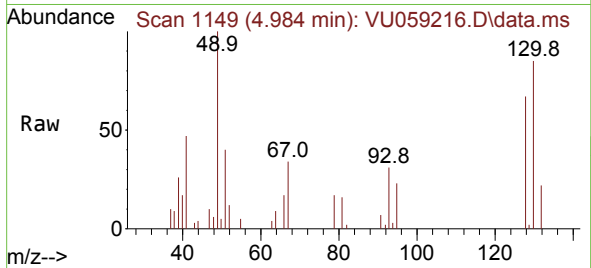




#39
Methacrylonitrile
Concen: 1.740 ug/l
RT: 4.984 min Scan# 1149
Delta R.T. 0.019 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

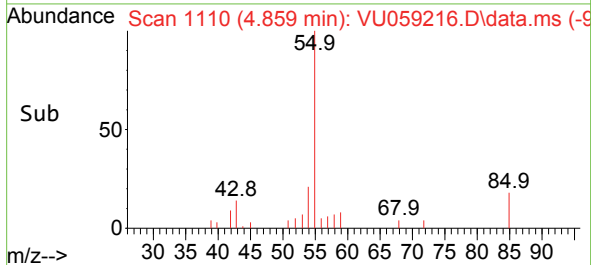
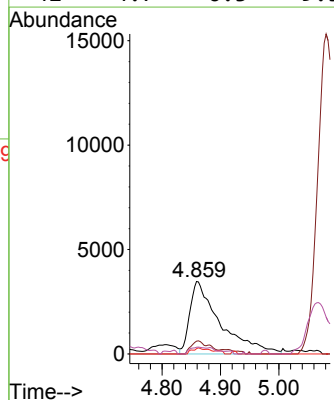
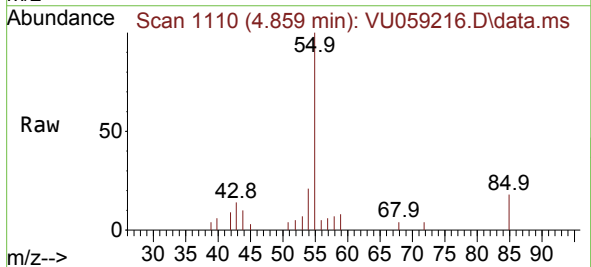
Instrument :
MSVOA_U
ClientSampleId :
VU0612WBS01

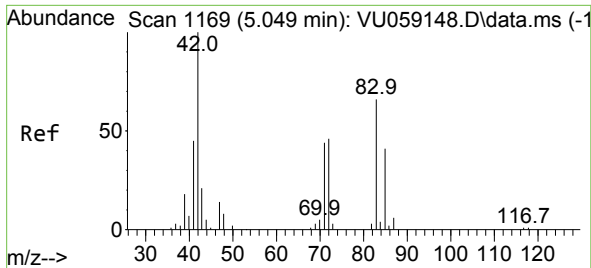
Tgt Ion: 41	Resp: 6241
Ion Ratio	Lower Upper
41	100
67	98.6 68.2 102.4
39	52.6 43.4 65.2
52	20.2 29.1 43.7#



#40
Methyl acrylate
Concen: 1.997 ug/l m
RT: 4.859 min Scan# 1110
Delta R.T. 0.019 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

Tgt Ion: 55	Resp: 12544
Ion Ratio	Lower Upper
55	100
85	0.0 11.8 17.6#
58	3.0 6.0 9.0#
42	4.7 6.3 9.5#

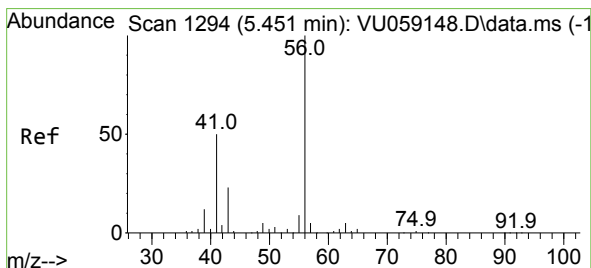
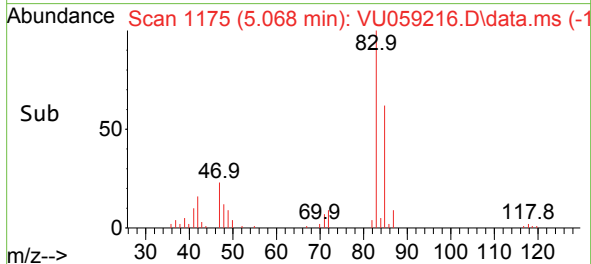
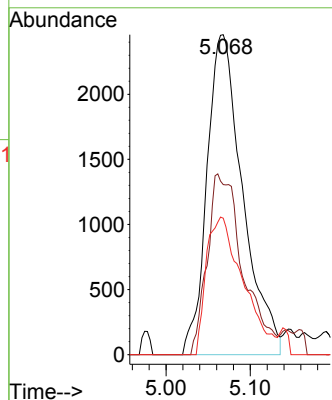
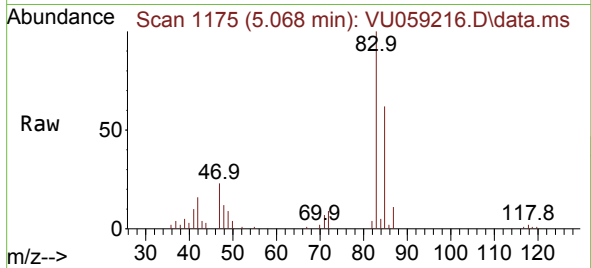




#41
Tetrahydrofuran
Concen: 3.786 ug/l
RT: 5.068 min Scan# 1175
Delta R.T. 0.019 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

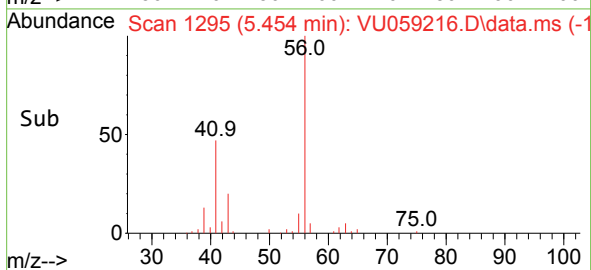
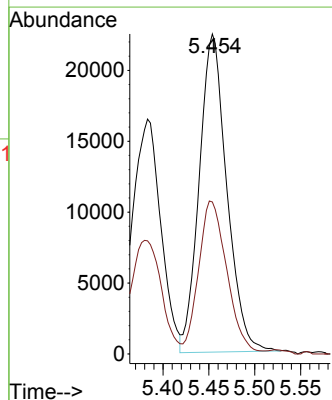
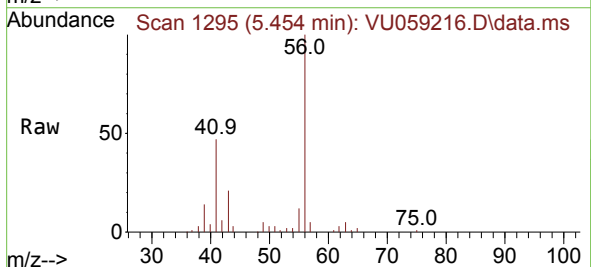
Instrument :
MSVOA_U
ClientSampleId :
VU0612WBS01

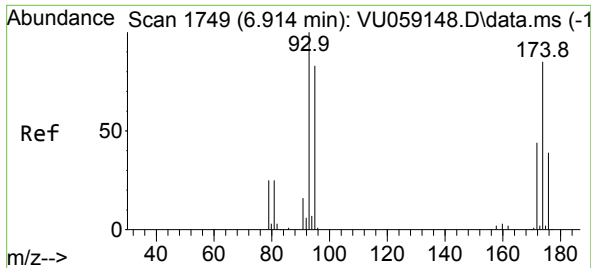
Tgt Ion:	42	Resp:	7262
Ion	Ratio	Lower	Upper
42	100		
72	56.5	40.7	61.1
71	44.6	36.5	54.7



#42
1-Chlorobutane
Concen: 2.028 ug/l
RT: 5.454 min Scan# 1295
Delta R.T. 0.003 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

Tgt Ion:	56	Resp:	46827
Ion	Ratio	Lower	Upper
56	100		
41	49.5	25.7	77.1

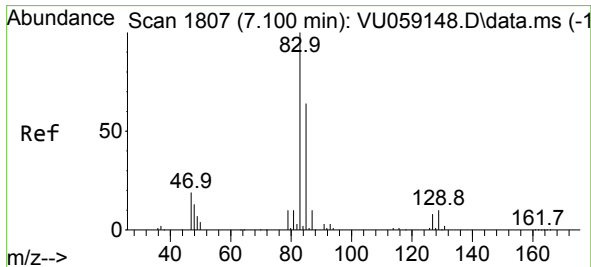
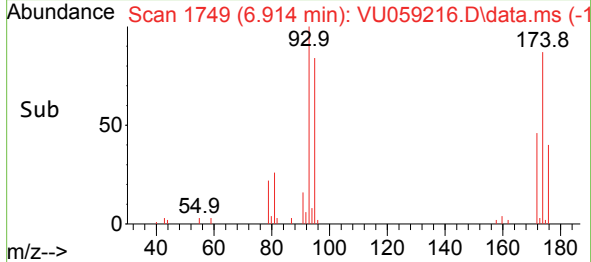
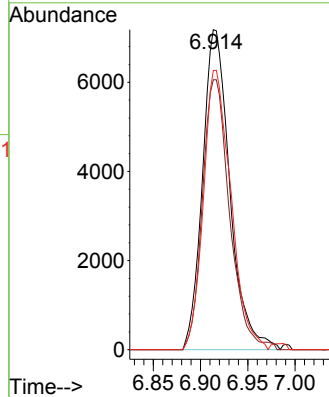
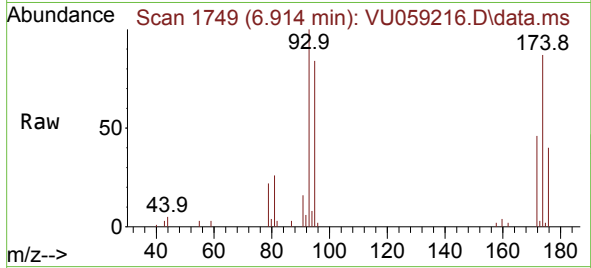




#43
Dibromomethane
Concen: 2.137 ug/l
RT: 6.914 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

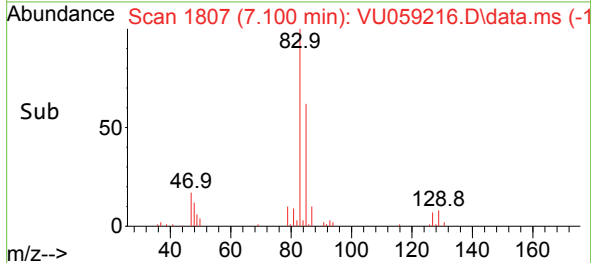
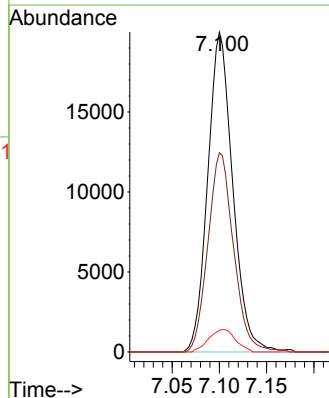
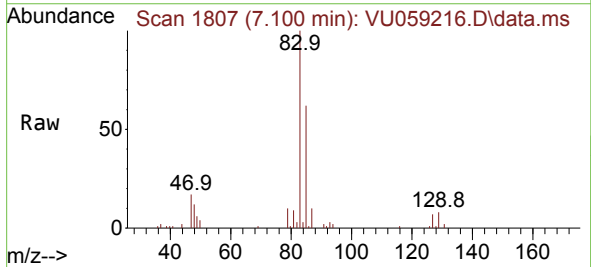
Instrument :
MSVOA_U
ClientSampleId :
VU0612WBS01

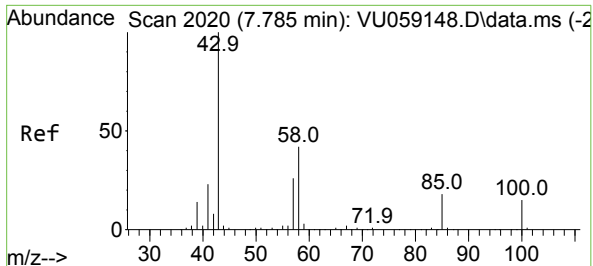
Tgt Ion: 93 Resp: 14435
Ion Ratio Lower Upper
93 100
95 83.8 66.1 99.1
174 87.8 67.2 100.8



#44
Bromodichloromethane
Concen: 2.098 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

Tgt Ion: 83 Resp: 36718
Ion Ratio Lower Upper
83 100
85 62.3 51.0 76.4
127 6.8 6.4 9.6

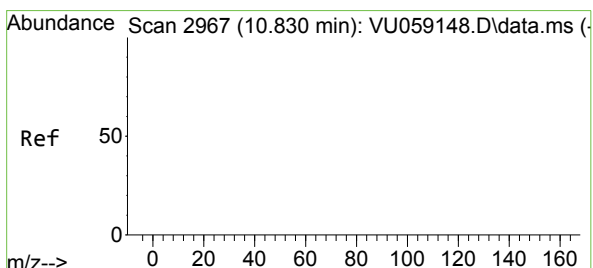
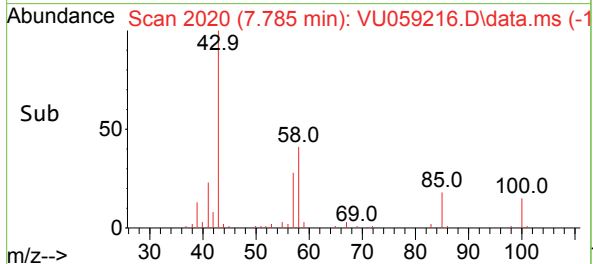
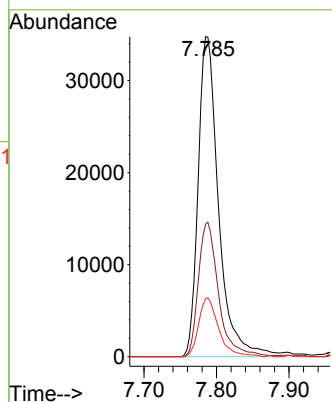
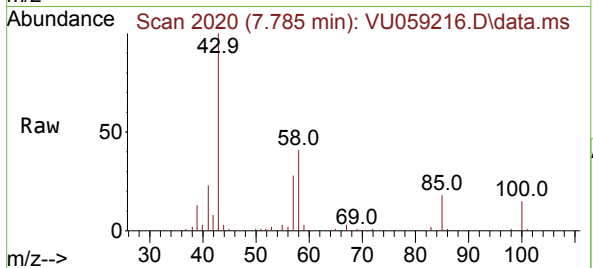




#45
4-Methyl-2-Pentanone
Concen: 9.400 ug/l
RT: 7.785 min Scan# 2020
Delta R.T. -0.000 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

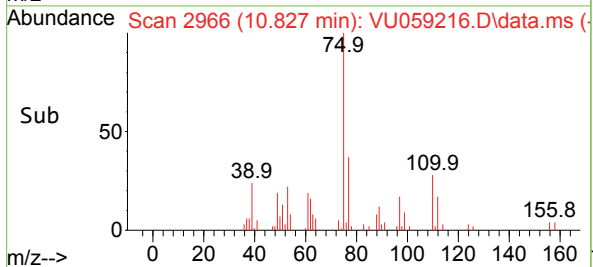
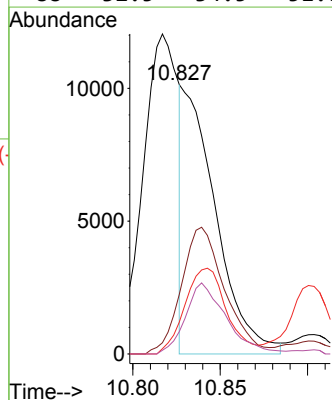
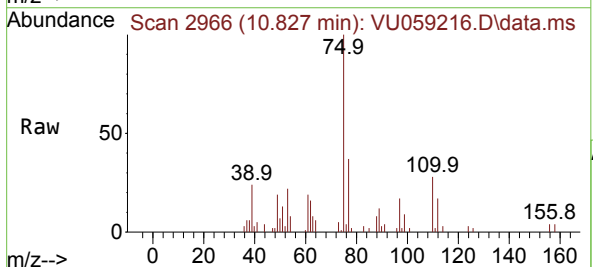
Instrument :
MSVOA_U
ClientSampleId :
VU0612WBS01

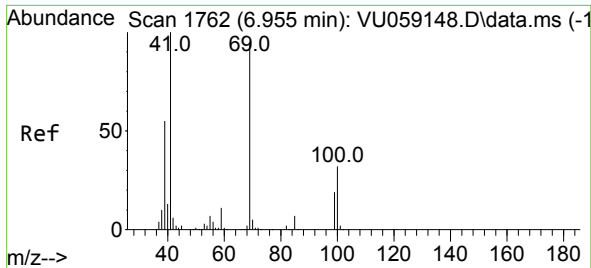
Tgt Ion: 43 Resp: 68084
Ion Ratio Lower Upper
43 100
58 41.4 21.1 63.3
85 18.0 14.6 22.0



#46
t-1,4-Dichloro-2-butene
Concen: 4.331 ug/l m
RT: 10.827 min Scan# 2966
Delta R.T. -0.003 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

Tgt Ion: 75 Resp: 13312
Ion Ratio Lower Upper
75 100
53 61.7 72.2 108.4#
89 40.2 47.0 70.4#
88 32.5 34.5 51.7#

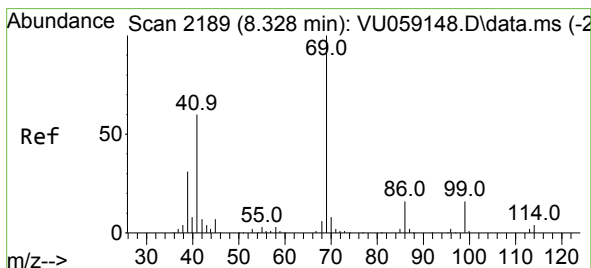
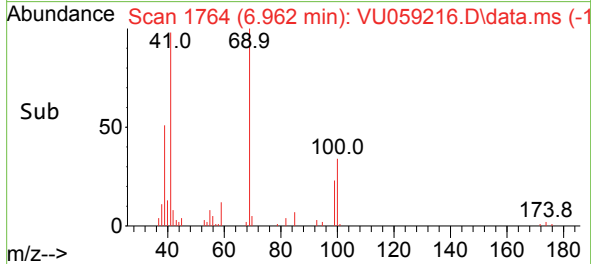
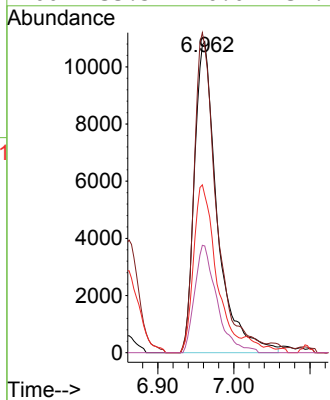
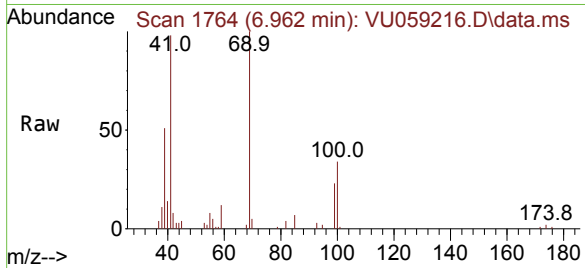




#47
Methyl methacrylate
Concen: 3.920 ug/l
RT: 6.962 min Scan# 1
Delta R.T. 0.006 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

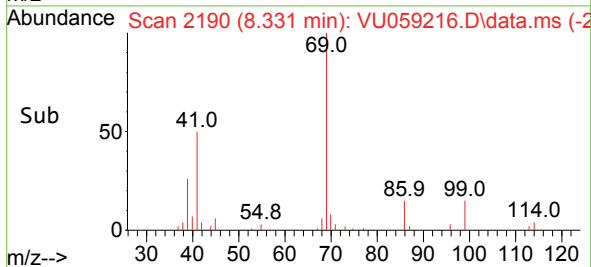
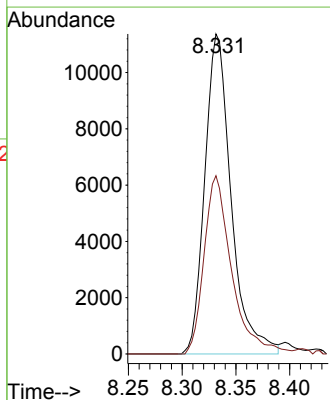
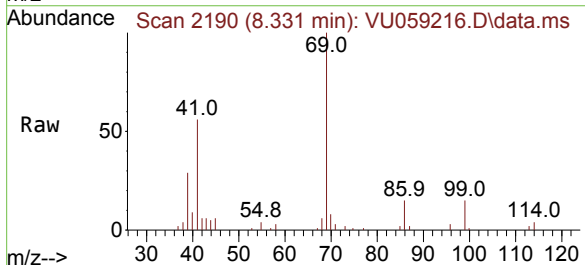
Instrument :
MSVOA_U
ClientSampleId :
VU0612WBS01

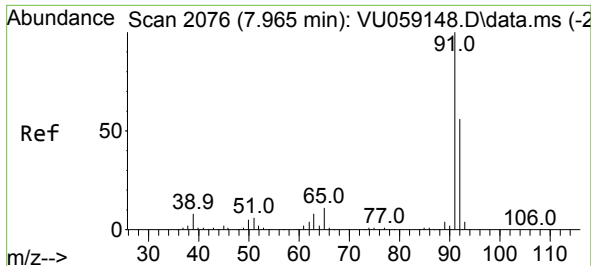
Tgt Ion: 69 Resp: 22744
Ion Ratio Lower Upper
69 100
41 100.0 0.0 208.8
39 52.9 46.0 69.0
100 33.5 26.0 39.0



#48
Ethyl methacrylate
Concen: 1.893 ug/l
RT: 8.331 min Scan# 2190
Delta R.T. 0.003 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

Tgt Ion: 69 Resp: 19404
Ion Ratio Lower Upper
69 100
41 58.3 30.2 90.6





#49

Toluene

Concen: 2.088 ug/l

RT: 7.965 min Scan# 20

Delta R.T. -0.000 min

Lab File: VU059216.D

Acq: 12 Jun 2024 11:22

Instrument :

MSVOA_U

ClientSampleId :

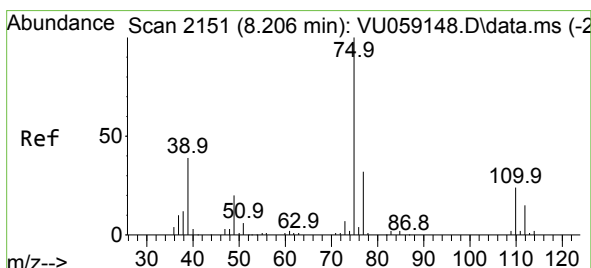
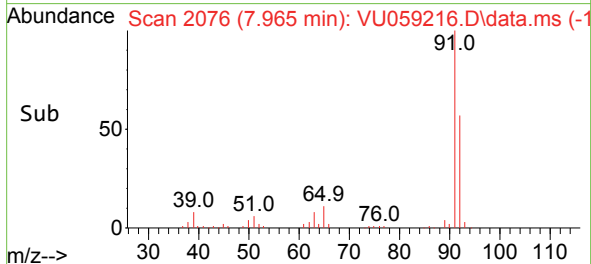
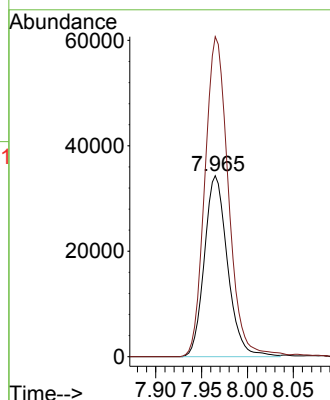
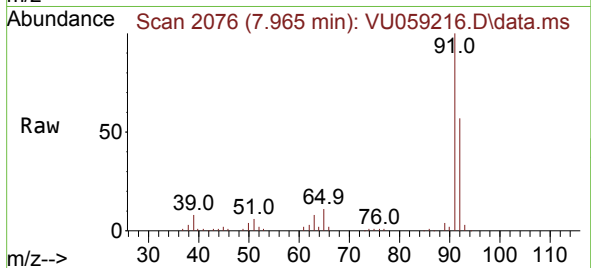
VU0612WBS01

Tgt Ion: 92 Resp: 60436

Ion Ratio Lower Upper

92 100

91 179.6 143.4 215.0



#50

t-1,3-Dichloropropene

Concen: 1.910 ug/l

RT: 8.209 min Scan# 2152

Delta R.T. 0.003 min

Lab File: VU059216.D

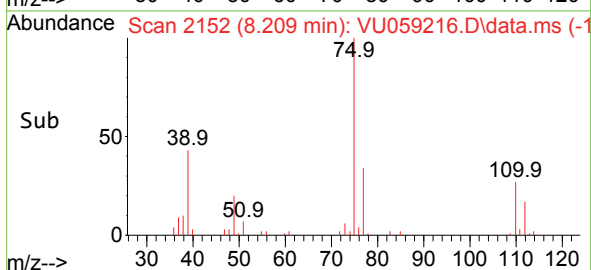
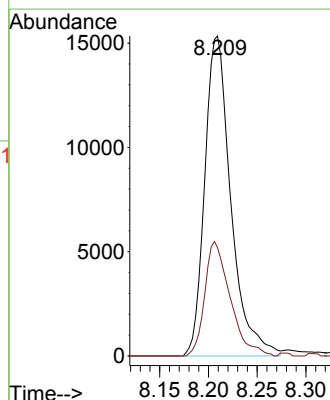
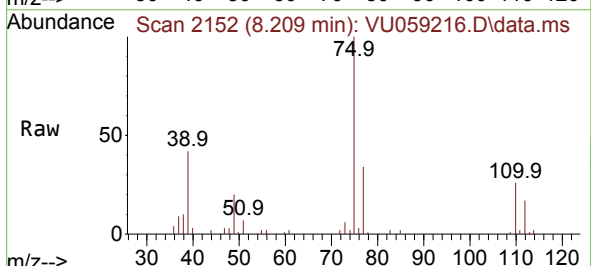
Acq: 12 Jun 2024 11:22

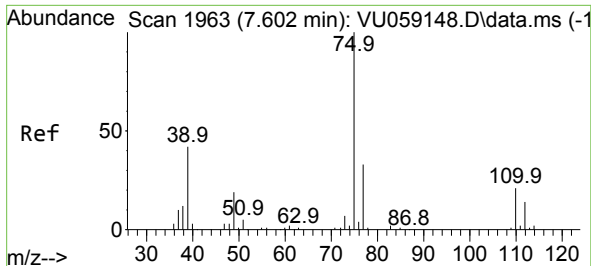
Tgt Ion: 75 Resp: 28614

Ion Ratio Lower Upper

75 100

77 33.9 25.3 37.9

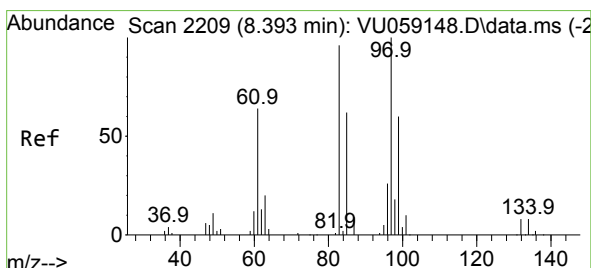
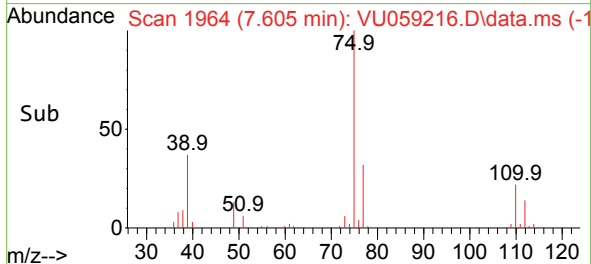
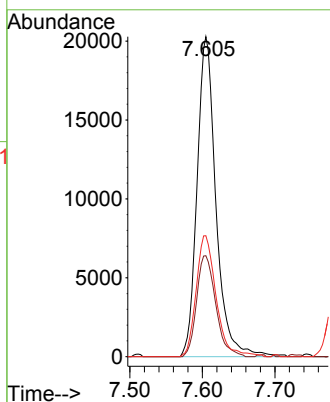
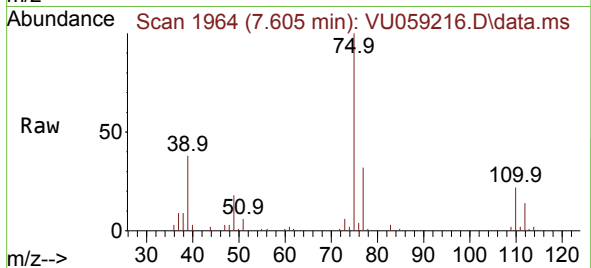




#51
 cis-1,3-Dichloropropene
 Concen: 1.999 ug/l
 RT: 7.605 min Scan# 1963
 Delta R.T. 0.003 min
 Lab File: VU059216.D
 Acq: 12 Jun 2024 11:22

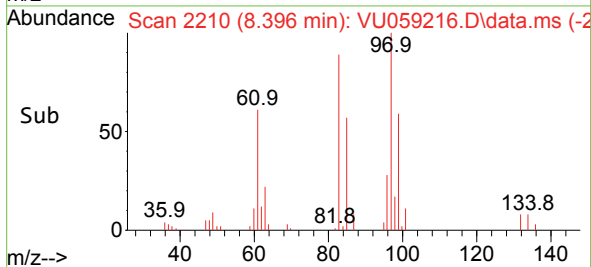
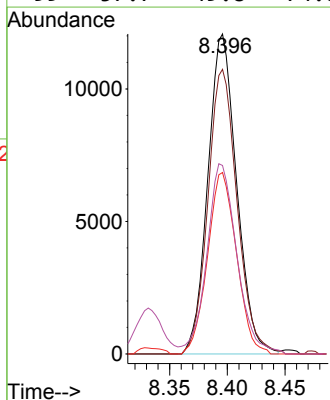
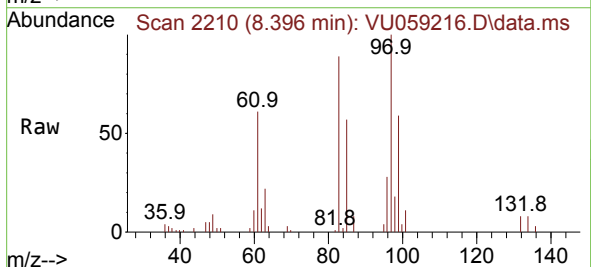
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0612WBS01

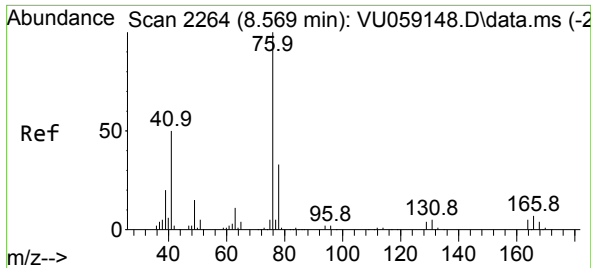
Tgt Ion: 75 Resp: 36671
 Ion Ratio Lower Upper
 75 100
 77 31.5 26.0 39.0
 39 37.8 33.2 49.8



#52
 1,1,2-Trichloroethane
 Concen: 2.097 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.003 min
 Lab File: VU059216.D
 Acq: 12 Jun 2024 11:22

Tgt Ion: 97 Resp: 20930
 Ion Ratio Lower Upper
 97 100
 83 89.0 76.4 114.6
 85 56.7 49.6 74.4
 99 57.7 49.8 74.8





#53

1,3-Dichloropropane

Concen: 2.107 ug/l

RT: 8.569 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU059216.D

Acq: 12 Jun 2024 11:22

Instrument :

MSVOA_U

ClientSampleId :

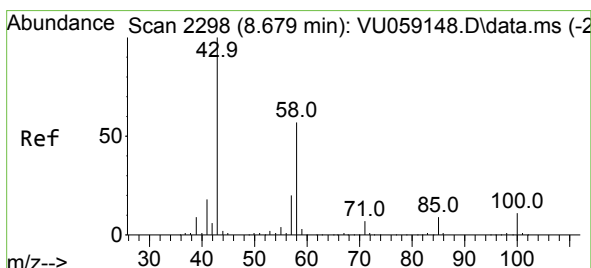
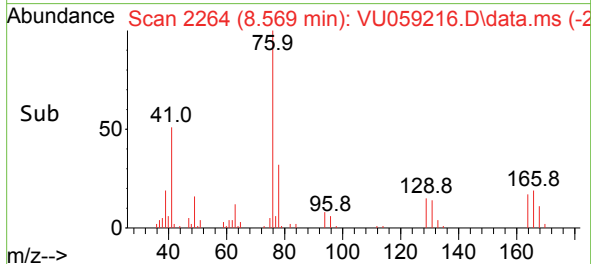
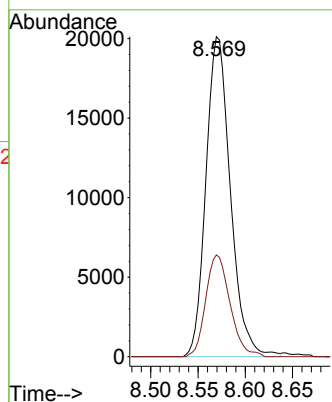
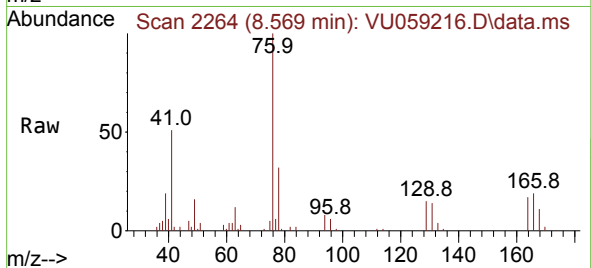
VU0612WBS01

Tgt Ion: 76 Resp: 36234

Ion Ratio Lower Upper

76 100

78 31.4 25.4 38.2



#54

2-Hexanone

Concen: 9.211 ug/l

RT: 8.682 min Scan# 2299

Delta R.T. 0.003 min

Lab File: VU059216.D

Acq: 12 Jun 2024 11:22

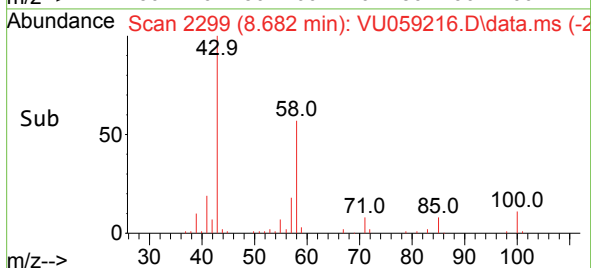
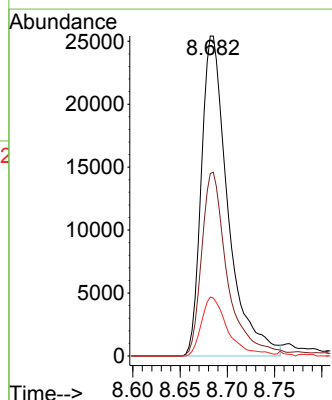
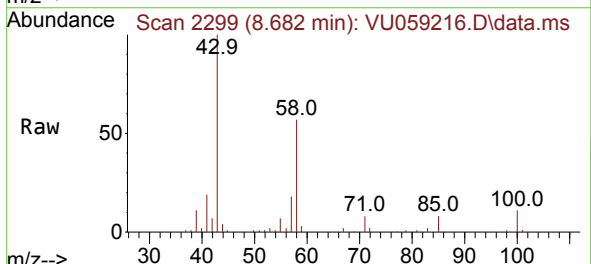
Tgt Ion: 43 Resp: 49793

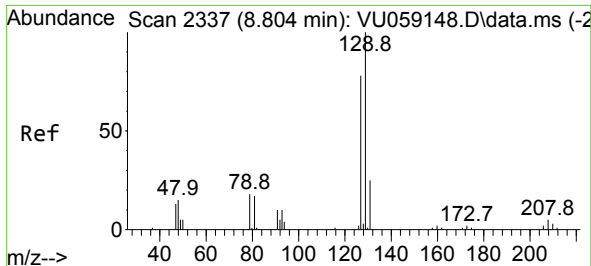
Ion Ratio Lower Upper

43 100

58 55.8 38.6 78.6

57 18.2 0.0 39.5

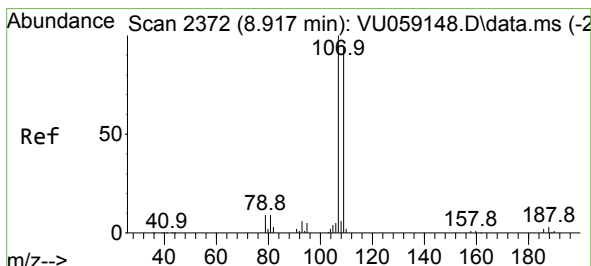
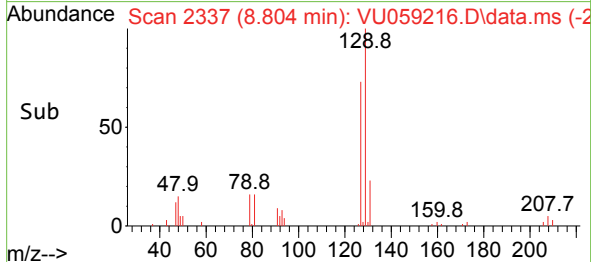
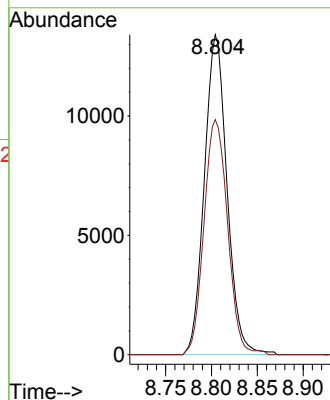
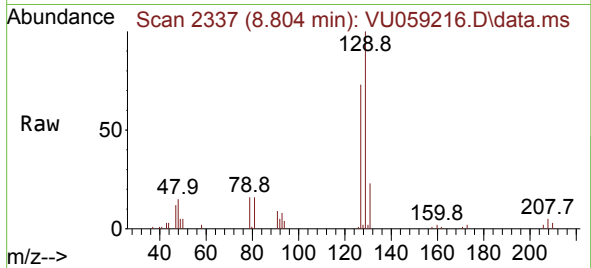




#55
Dibromochloromethane
Concen: 2.134 ug/l
RT: 8.804 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

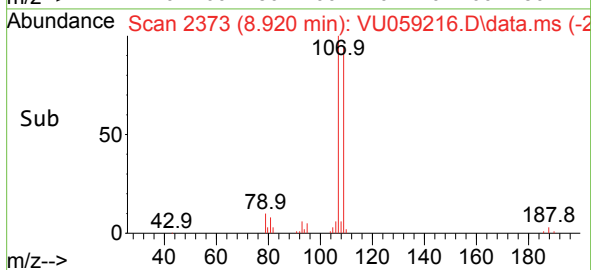
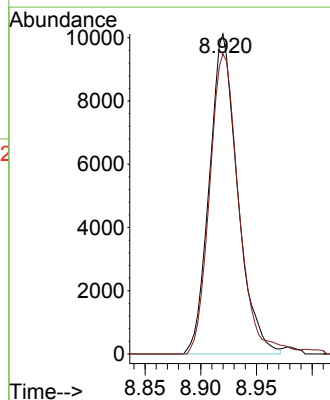
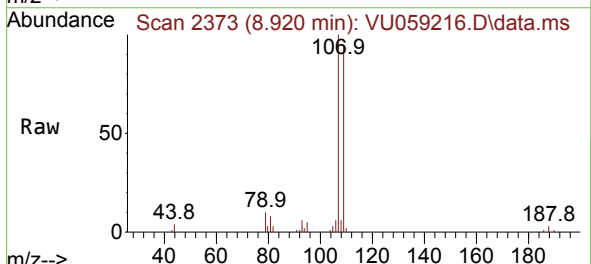
Instrument :
MSVOA_U
ClientSampleId :
VU0612WBS01

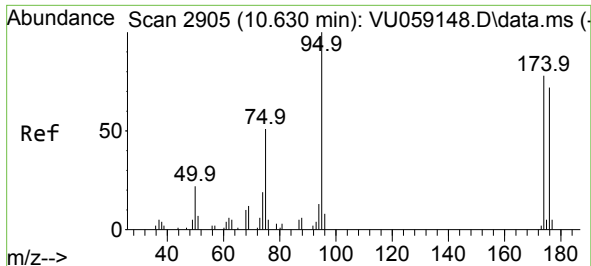
Tgt Ion:129 Resp: 23058
Ion Ratio Lower Upper
129 100
127 76.4 61.9 92.9



#56
1,2-Dibromoethane
Concen: 2.035 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

Tgt Ion:107 Resp: 17815
Ion Ratio Lower Upper
107 100
109 96.8 0.0 188.2

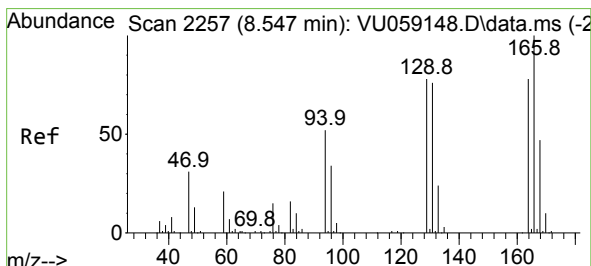
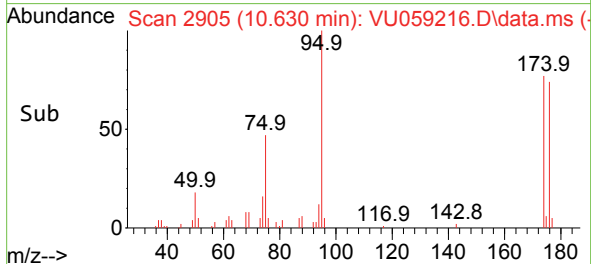
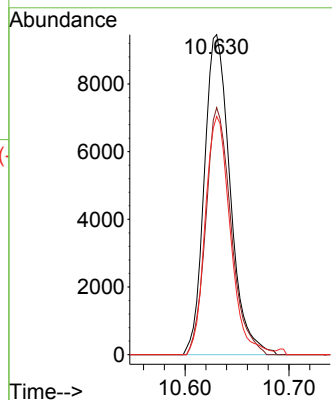
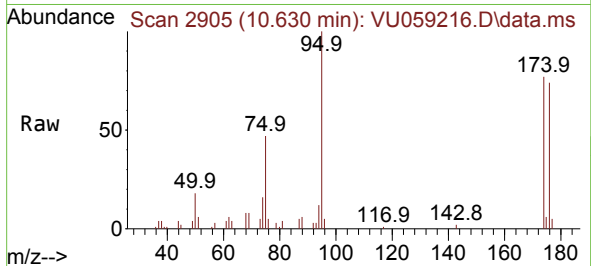




#57
4-Bromofluorobenzene
Concen: 1.051 ug/l
RT: 10.630 min Scan# 2905
Delta R.T. -0.000 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

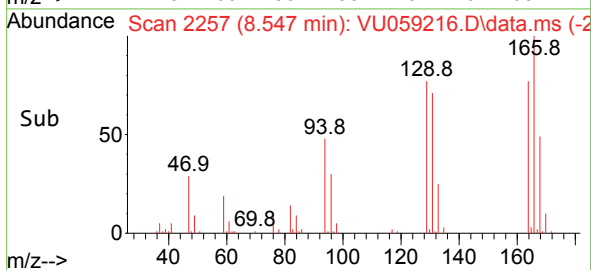
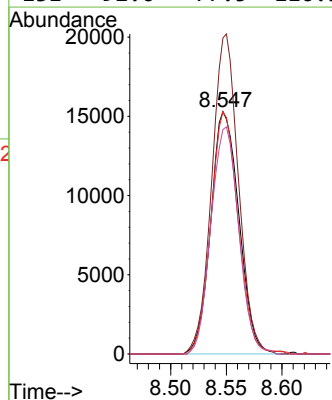
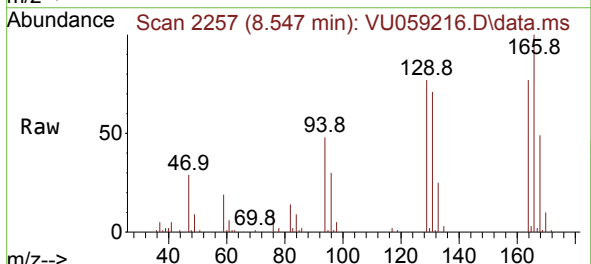
Instrument :
MSVOA_U
ClientSampleId :
VU0612WBS01

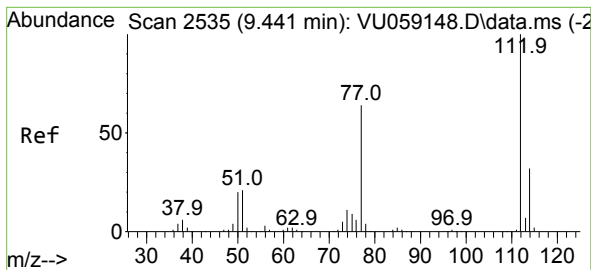
Tgt Ion: 95 Resp: 16349
Ion Ratio Lower Upper
95 100
174 75.1 59.6 89.4
176 72.1 57.3 85.9



#58
Tetrachloroethene
Concen: 2.330 ug/l
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

Tgt Ion: 164 Resp: 26952
Ion Ratio Lower Upper
164 100
166 130.4 102.6 153.8
129 99.8 80.3 120.5
131 92.6 77.5 116.3





#59

Chlorobenzene

Concen: 2.214 ug/l

RT: 9.441 min Scan# 2

Delta R.T. -0.000 min

Lab File: VU059216.D

Acq: 12 Jun 2024 11:22

Instrument :

MSVOA_U

ClientSampleId :

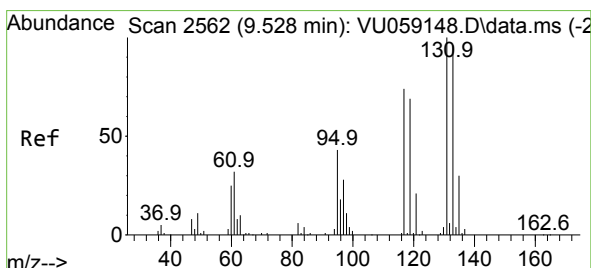
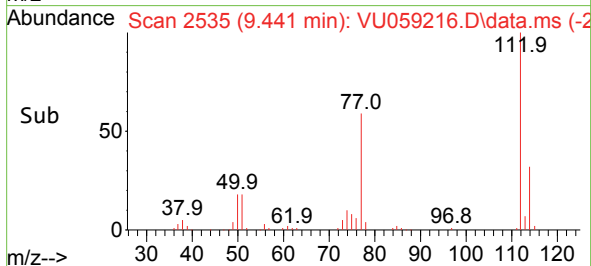
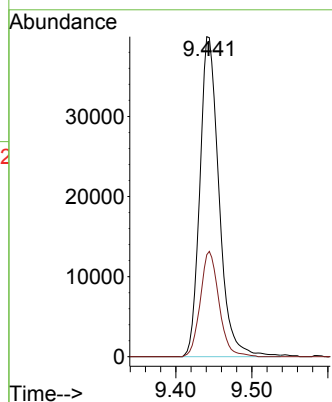
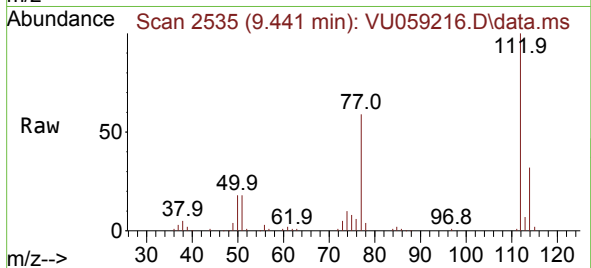
VU0612WBS01

Tgt Ion:112 Resp: 70088

Ion Ratio Lower Upper

112 100

114 31.9 25.6 38.4



#60

1,1,1,2-Tetrachloroethane

Concen: 2.156 ug/l

RT: 9.528 min Scan# 2562

Delta R.T. -0.000 min

Lab File: VU059216.D

Acq: 12 Jun 2024 11:22

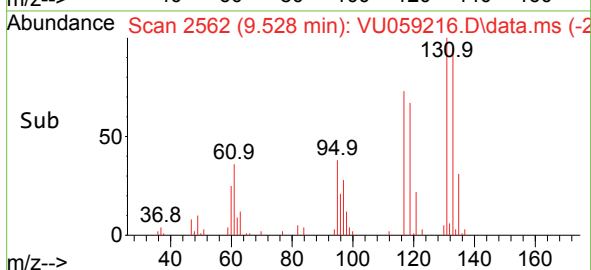
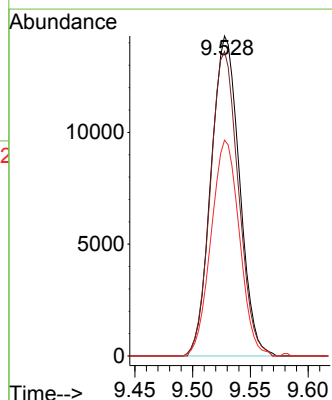
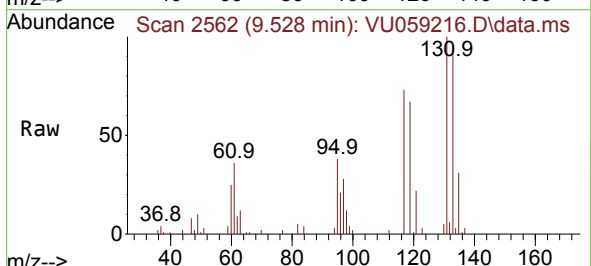
Tgt Ion:131 Resp: 24455

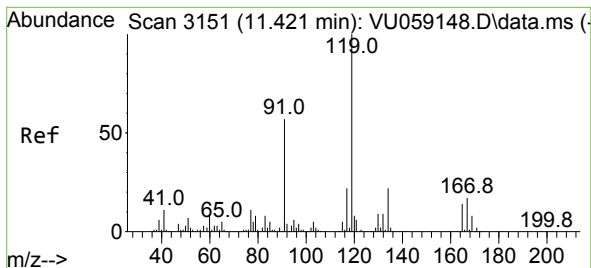
Ion Ratio Lower Upper

131 100

133 93.9 76.7 115.1

119 67.3 55.3 82.9

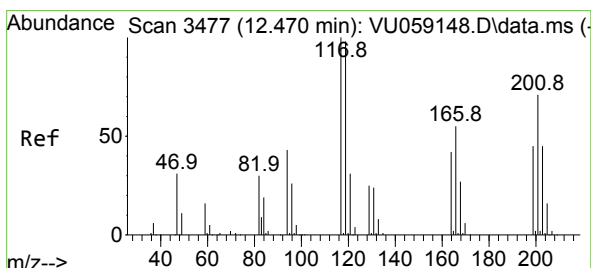
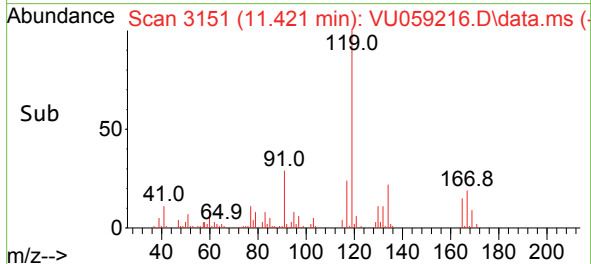
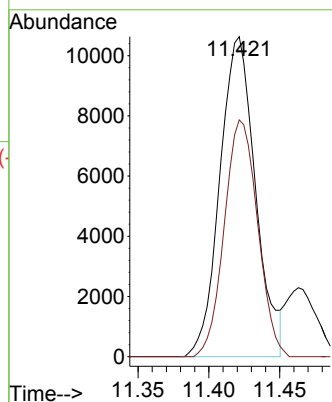
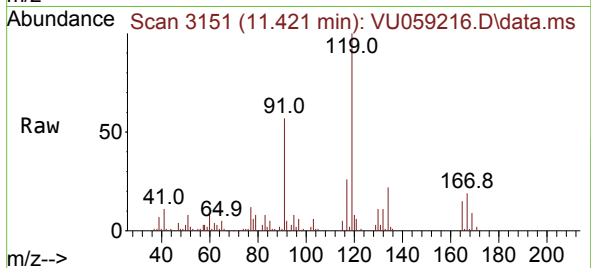




#61
Pentachloroethane
Concen: 2.114 ug/l
RT: 11.421 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

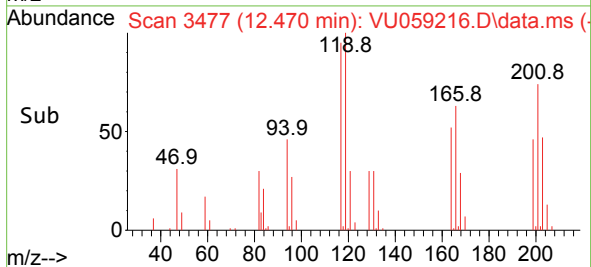
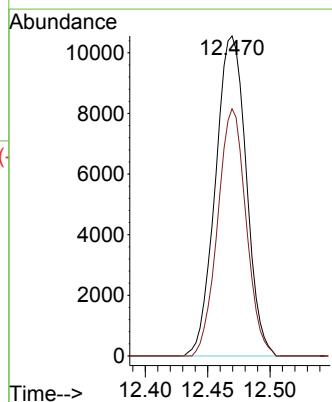
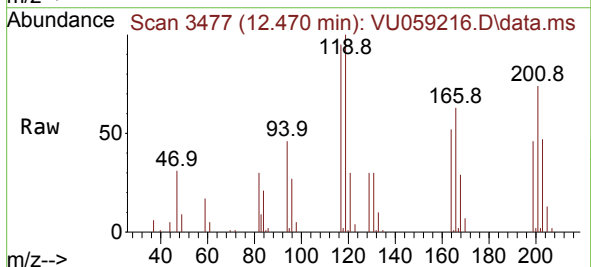
Instrument :
MSVOA_U
ClientSampleId :
VU0612WBS01

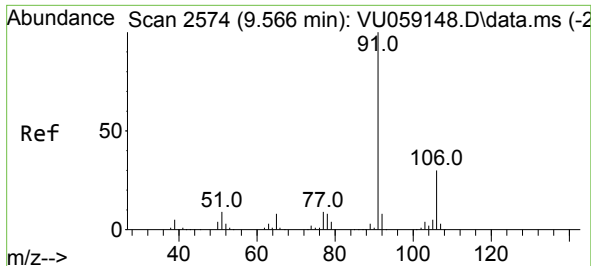
Tgt Ion:117 Resp: 18601
Ion Ratio Lower Upper
117 100
167 69.2 58.1 87.1



#62
Hexachloroethane
Concen: 2.030 ug/l
RT: 12.470 min Scan# 3477
Delta R.T. -0.000 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

Tgt Ion:117 Resp: 18156
Ion Ratio Lower Upper
117 100
201 71.4 55.8 83.8

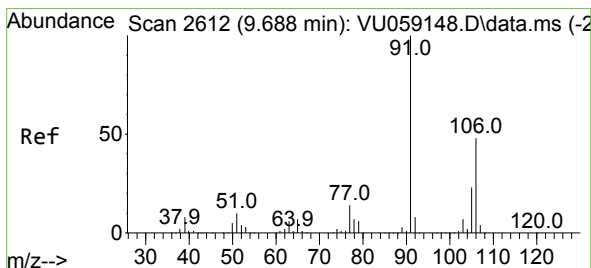
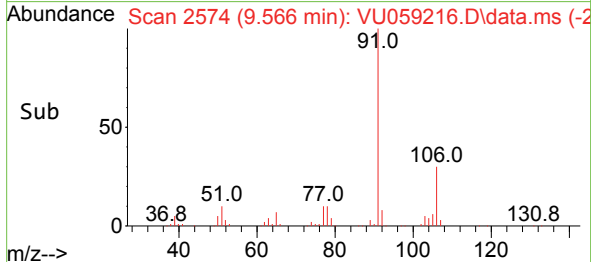
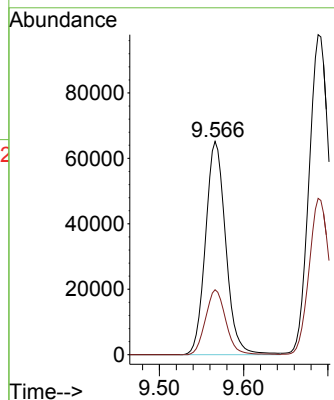
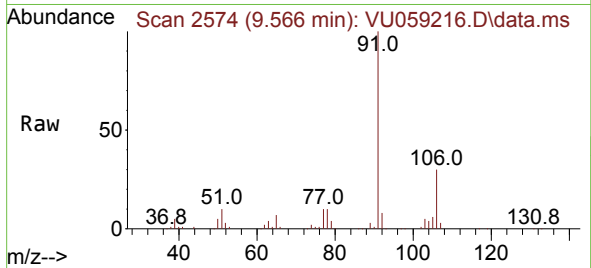




#63
Ethyl Benzene
Concen: 2.036 ug/l
RT: 9.566 min Scan# 2574
Delta R.T. -0.000 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

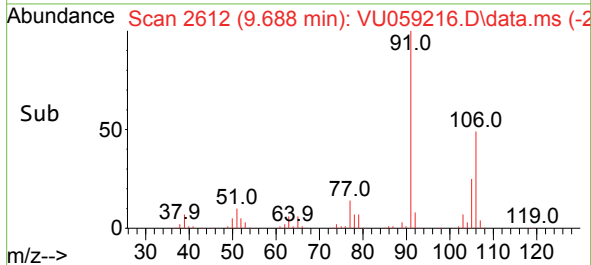
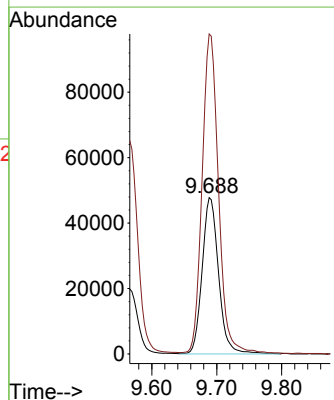
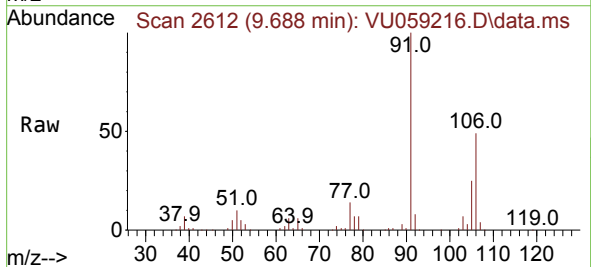
Instrument :
MSVOA_U
ClientSampleId :
VU0612WBS01

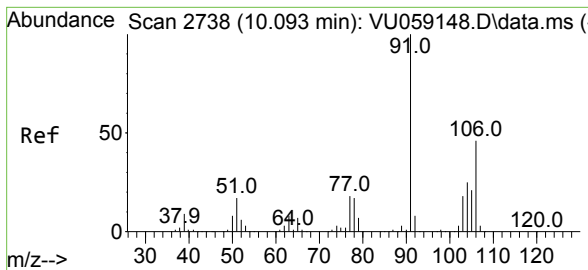
Tgt Ion: 91 Resp: 108830
Ion Ratio Lower Upper
91 100
106 30.5 23.9 35.9



#64
m/p-Xylenes
Concen: 4.181 ug/l
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

Tgt Ion:106 Resp: 84298
Ion Ratio Lower Upper
106 100
91 204.1 166.4 249.6

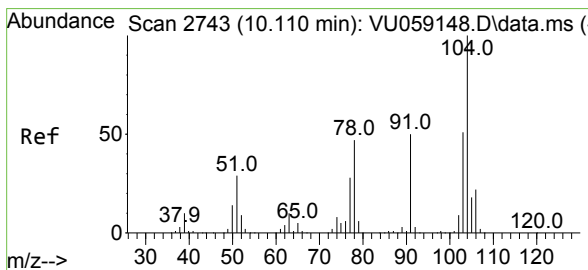
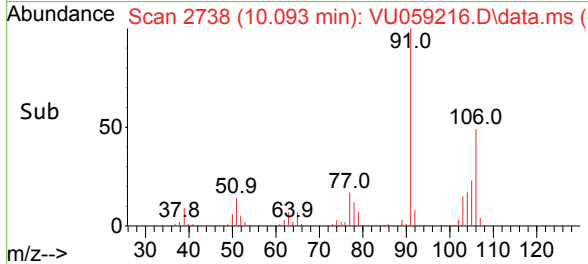
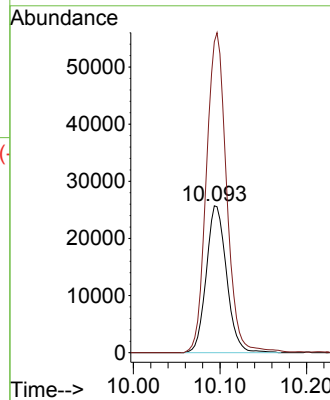
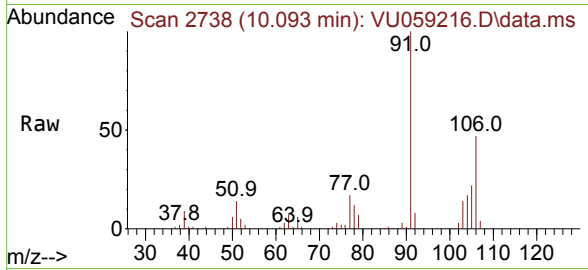




#65
o-Xylene
Concen: 2.104 ug/l
RT: 10.093 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

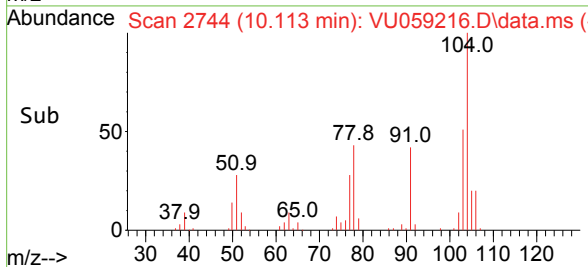
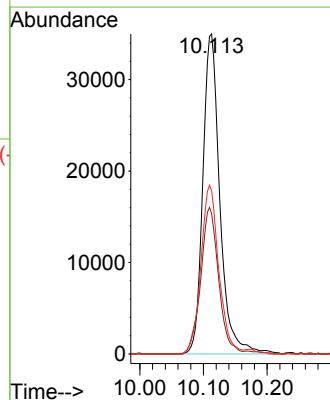
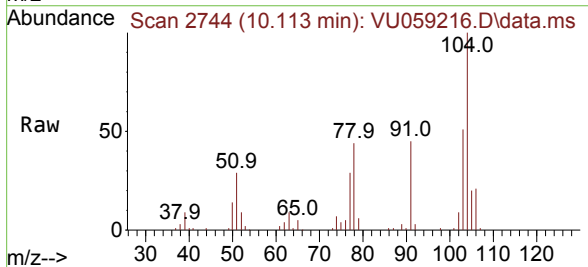
Instrument :
MSVOA_U
ClientSampleId :
VU0612WBS01

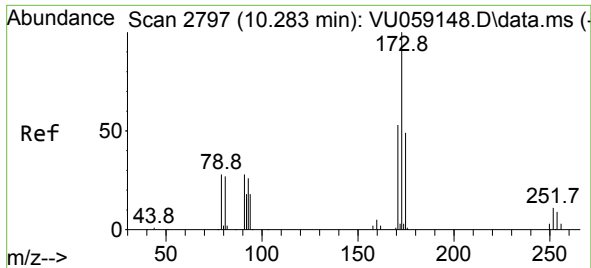
Tgt Ion:106 Resp: 41840
Ion Ratio Lower Upper
106 100
91 217.3 110.7 332.1



#66
Styrene
Concen: 2.032 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

Tgt Ion:104 Resp: 65201
Ion Ratio Lower Upper
104 100
78 47.8 41.6 62.4
103 55.2 44.6 66.8

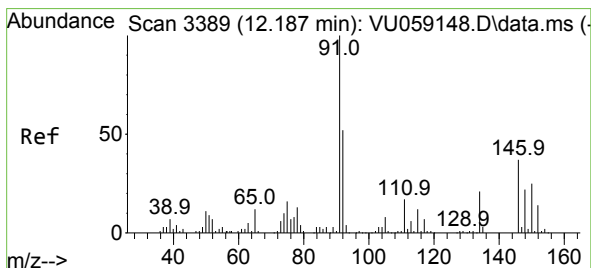
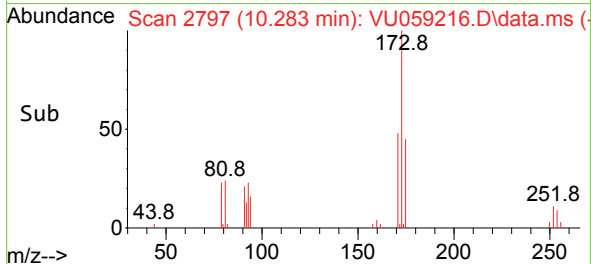
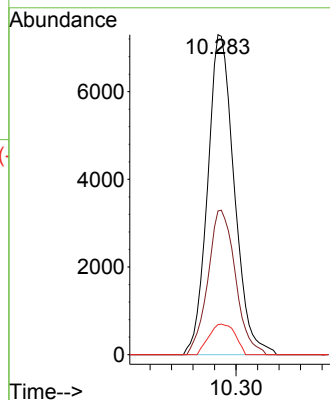
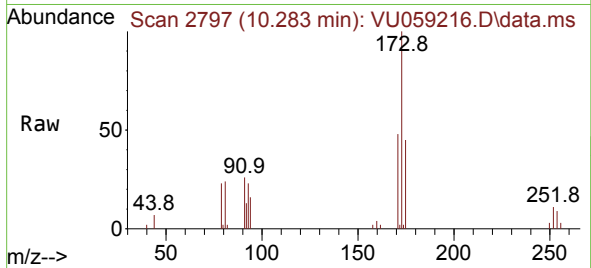




#67
Bromoform
Concen: 2.145 ug/l
RT: 10.283 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

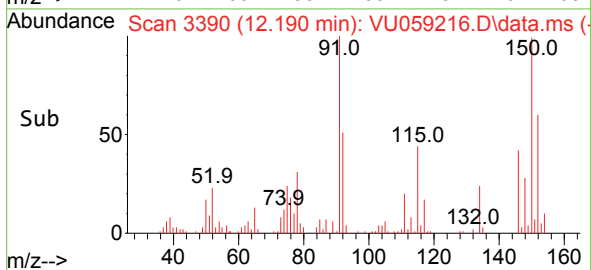
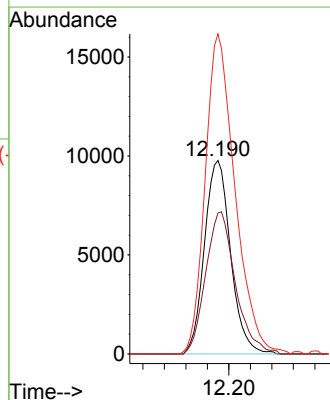
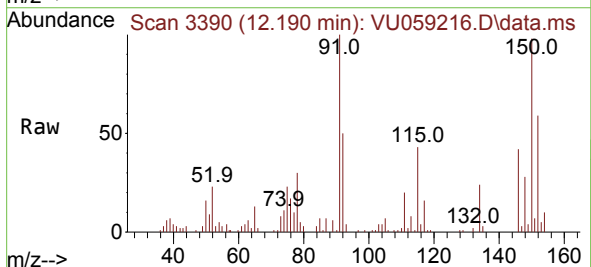
Instrument :
MSVOA_U
ClientSampleId :
VU0612WBS01

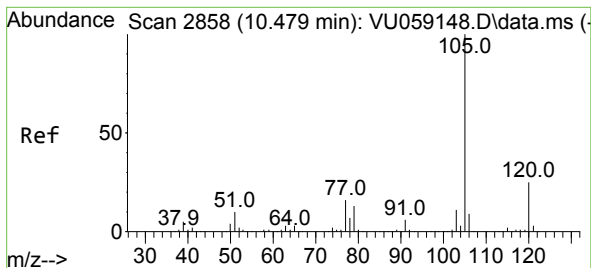
Tgt Ion:173 Resp: 12550
Ion Ratio Lower Upper
173 100
175 46.6 40.1 60.1
254 9.4 7.0 10.4



#68
1,2-Dichlorobenzene-d4
Concen: 1.014 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. 0.003 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

Tgt Ion:152 Resp: 16504
Ion Ratio Lower Upper
152 100
115 83.4 0.0 293.2
150 188.2 0.0 636.0





#69

Isopropylbenzene

Concen: 2.084 ug/l

RT: 10.479 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU059216.D

Acq: 12 Jun 2024 11:22

Instrument :

MSVOA_U

ClientSampleId :

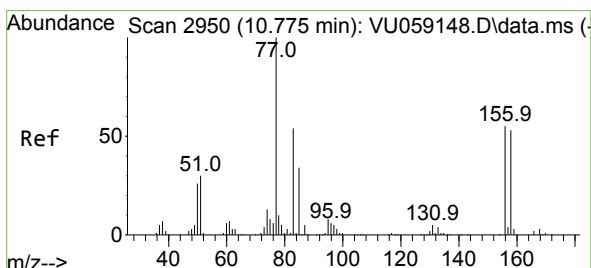
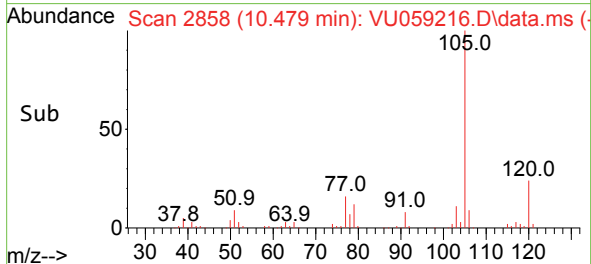
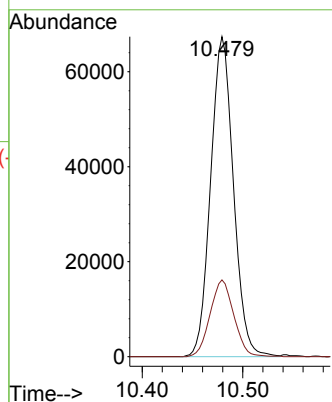
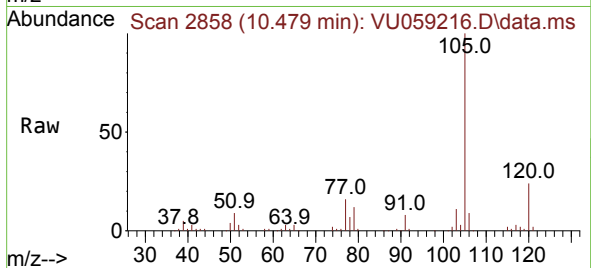
VU0612WBS01

Tgt Ion:105 Resp: 106156

Ion Ratio Lower Upper

105 100

120 24.9 12.7 38.0



#70

1,1,2,2-Tetrachloroethane

Concen: 2.103 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU059216.D

Acq: 12 Jun 2024 11:22

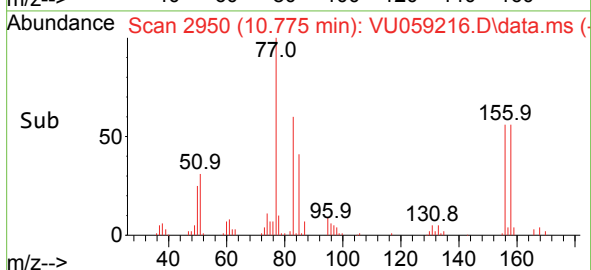
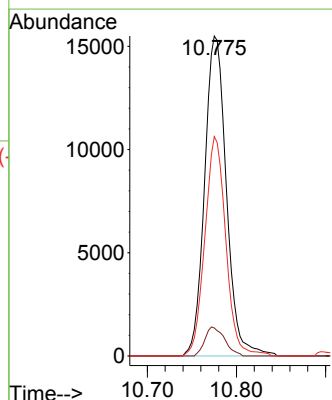
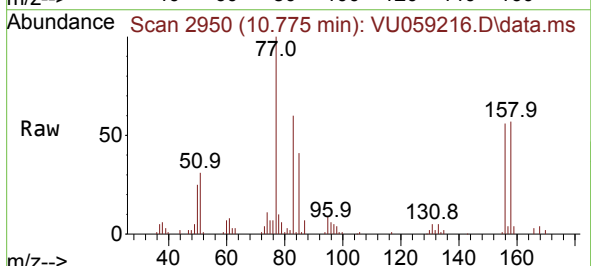
Tgt Ion: 83 Resp: 26390

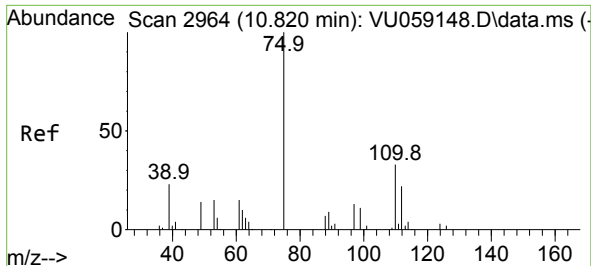
Ion Ratio Lower Upper

83 100

131 8.2 6.6 10.0

85 65.8 50.1 75.1

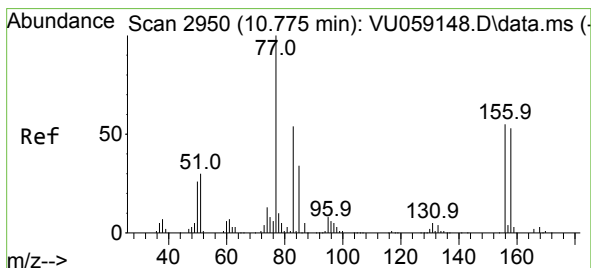
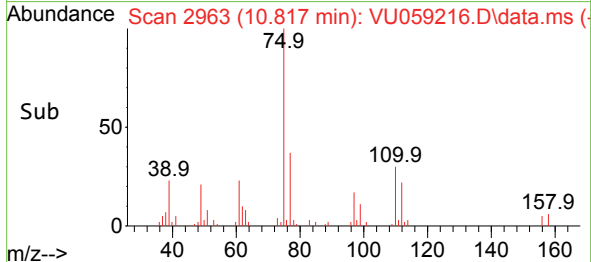
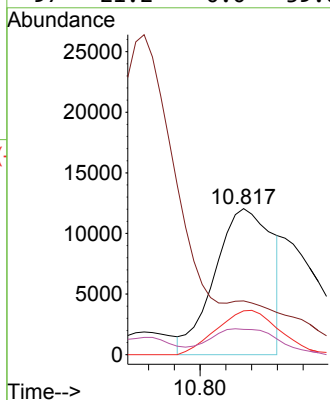
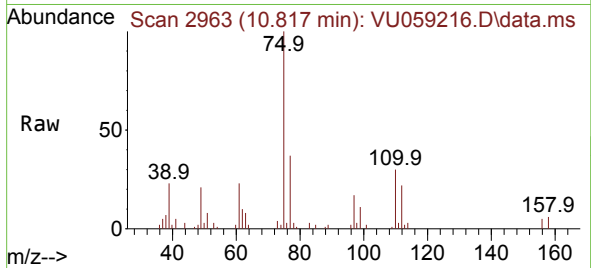




#71
1,2,3-Trichloropropane
Concen: 1.949 ug/l m
RT: 10.817 min Scan# 2963
Delta R.T. -0.003 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

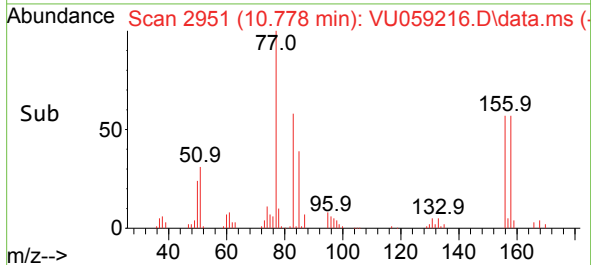
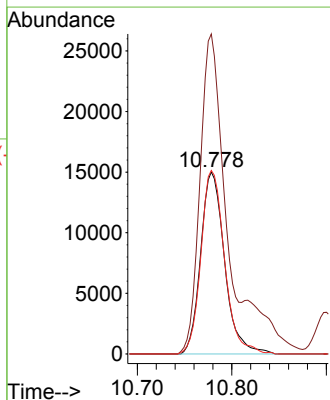
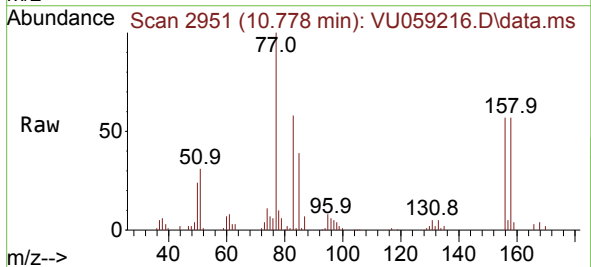
Instrument :
MSVOA_U
ClientSampleId :
VU0612WBS01

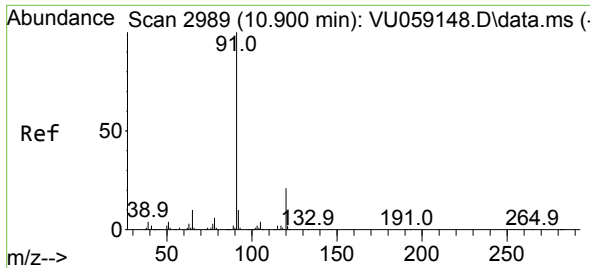
Tgt Ion: 75	Resp: 18669
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0
110 33.5	0.0 68.4
97 21.2	0.0 39.6



#72
Bromobenzene
Concen: 2.163 ug/l
RT: 10.778 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

Tgt	Ion:156	Resp:	26419
Ion	Ratio	Lower	Upper
156	100		
77	174.4	0.0	359.6
158	99.7	0.0	192.2

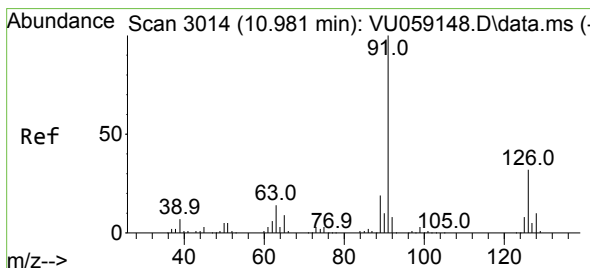
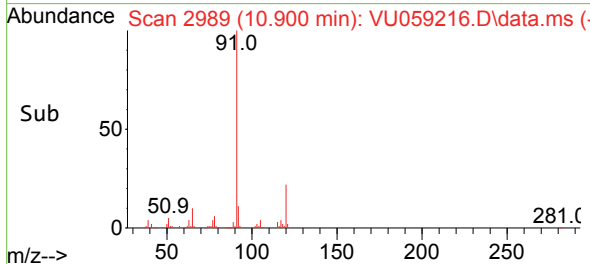
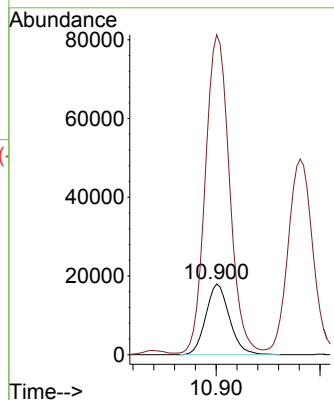
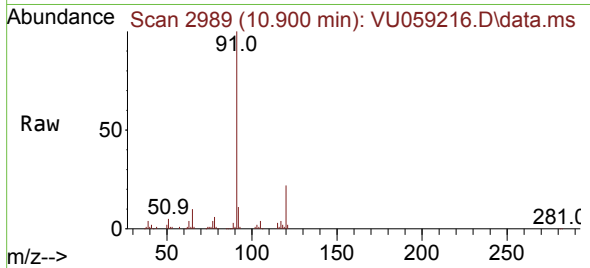




#73
n-propylbenzene
Concen: 2.036 ug/l
RT: 10.900 min Scan# 2989
Delta R.T. -0.000 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

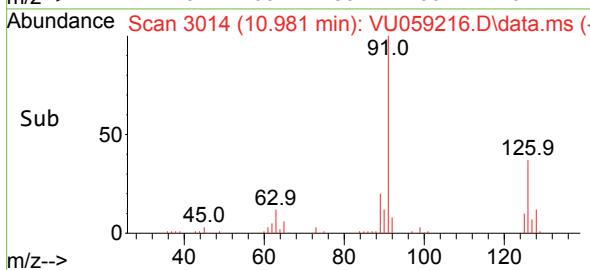
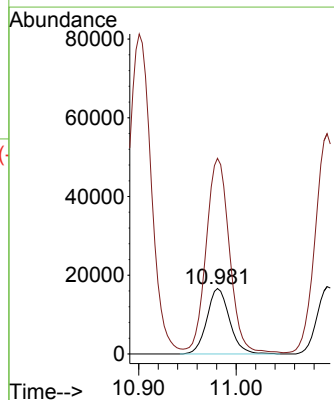
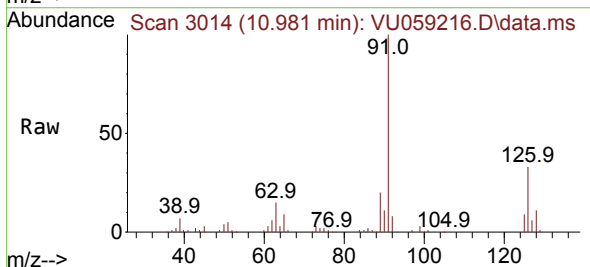
Instrument :
MSVOA_U
ClientSampleId :
VU0612WBS01

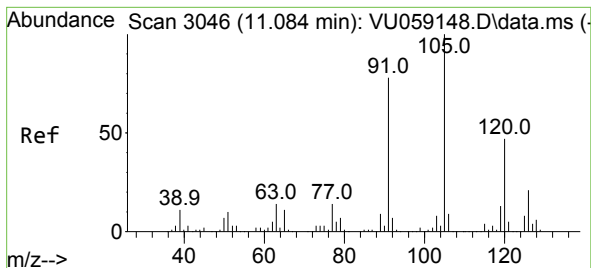
Tgt Ion:120 Resp: 28250
Ion Ratio Lower Upper
120 100
91 461.9 378.6 567.8



#74
2-Chlorotoluene
Concen: 2.155 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. -0.000 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

Tgt Ion:126 Resp: 26820
Ion Ratio Lower Upper
126 100
91 304.9 0.0 627.0





#75

1,3,5-Trimethylbenzene

Concen: 2.081 ug/l

RT: 11.084 min Scan# 3046

Delta R.T. -0.000 min

Lab File: VU059216.D

Acq: 12 Jun 2024 11:22

Instrument :

MSVOA_U

ClientSampleId :

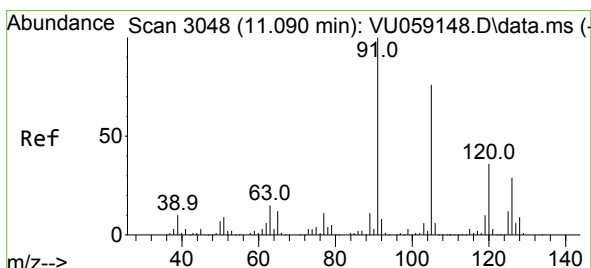
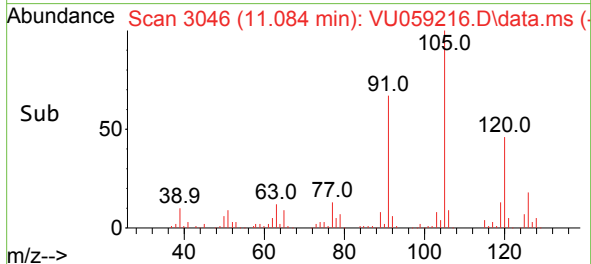
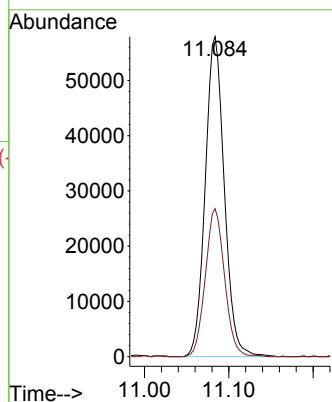
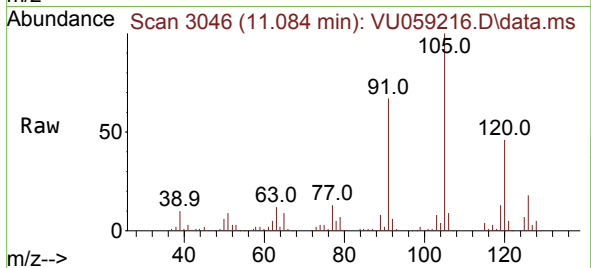
VU0612WBS01

Tgt Ion:105 Resp: 91509

Ion Ratio Lower Upper

105 100

120 46.6 37.5 56.3



#76

4-Chlorotoluene

Concen: 2.164 ug/l

RT: 11.093 min Scan# 3049

Delta R.T. 0.003 min

Lab File: VU059216.D

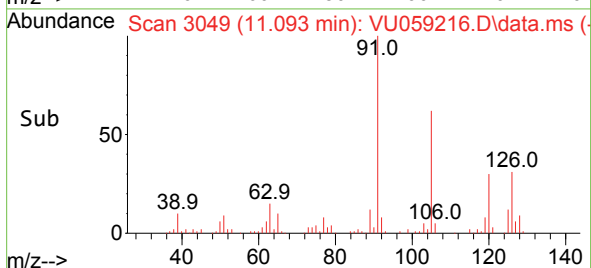
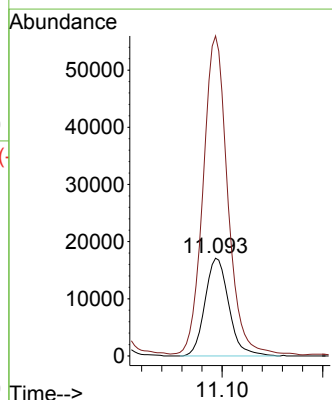
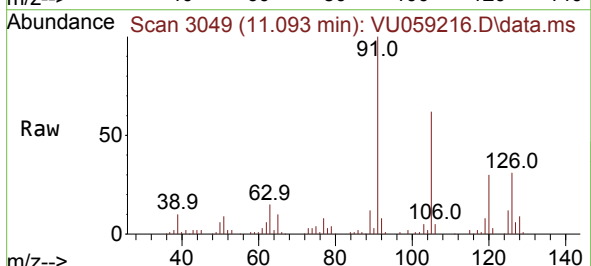
Acq: 12 Jun 2024 11:22

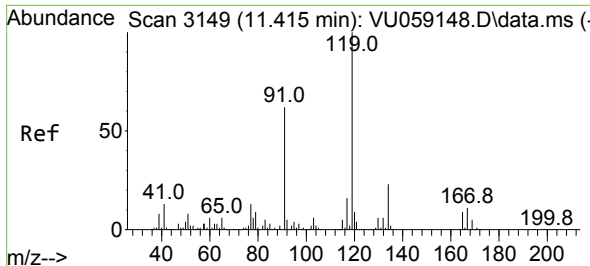
Tgt Ion:126 Resp: 28165

Ion Ratio Lower Upper

126 100

91 336.8 0.0 704.4

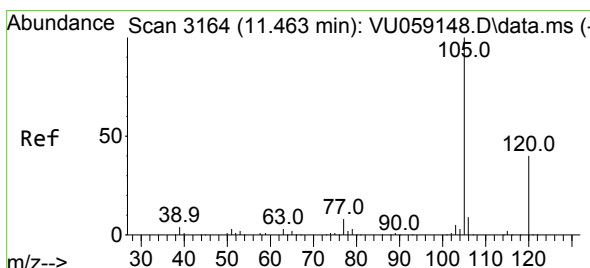
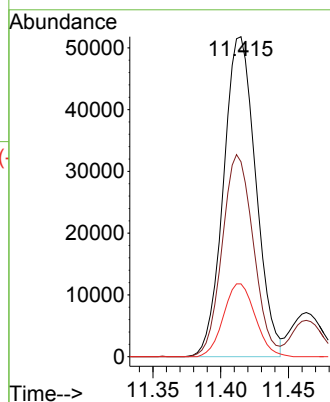
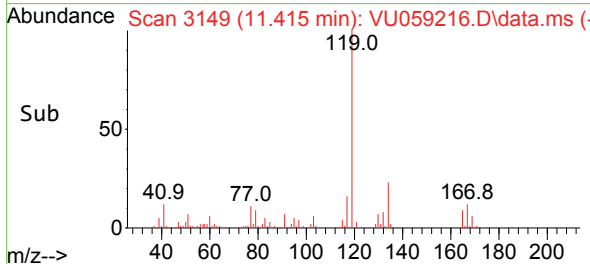
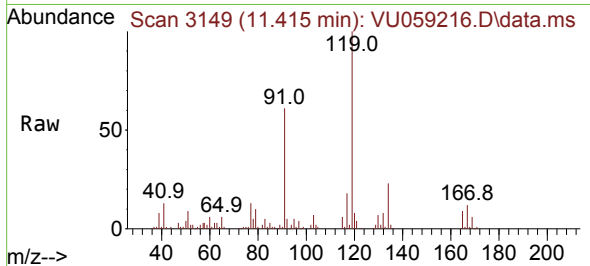




#77
tert-Butylbenzene
Concen: 2.103 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

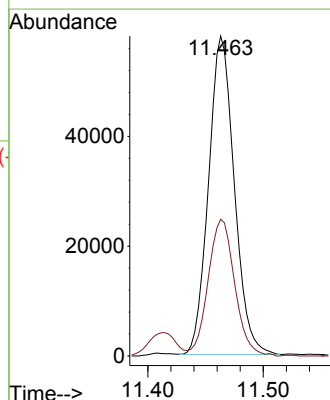
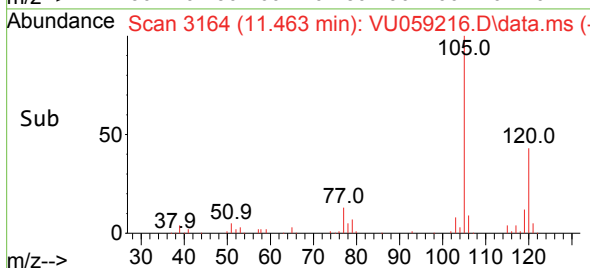
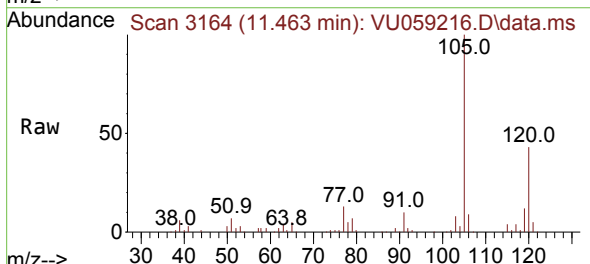
Instrument :
MSVOA_U
ClientSampleId :
VU0612WBS01

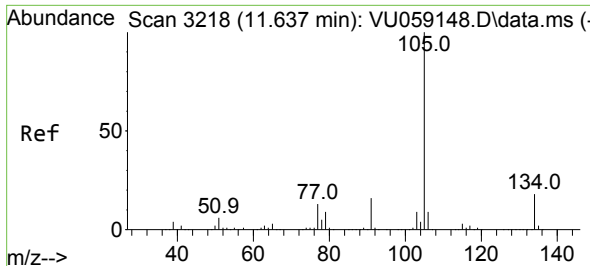
Tgt Ion:119 Resp: 85978
Ion Ratio Lower Upper
119 100
91 61.1 30.7 92.1
134 22.3 17.7 26.5



#78
1,2,4-Trimethylbenzene
Concen: 2.024 ug/l
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU059216.D
Acq: 12 Jun 2024 11:22

Tgt Ion:105 Resp: 89889
Ion Ratio Lower Upper
105 100
120 44.2 21.7 65.1

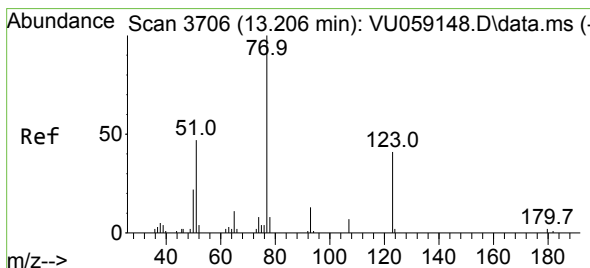
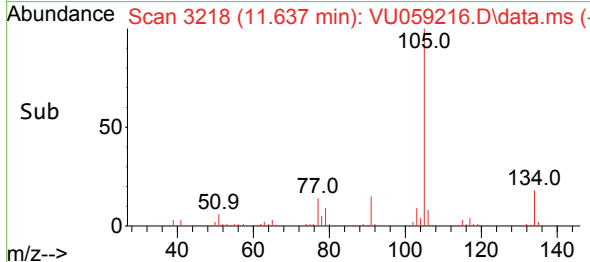
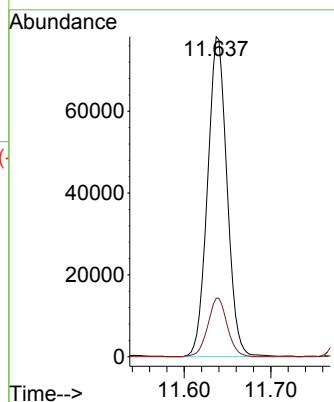
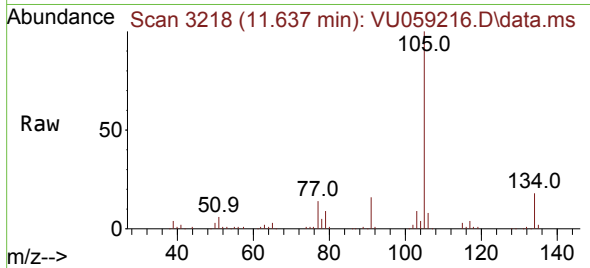




#79
 sec-Butylbenzene
 Concen: 2.098 ug/l
 RT: 11.637 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VU059216.D
 Acq: 12 Jun 2024 11:22

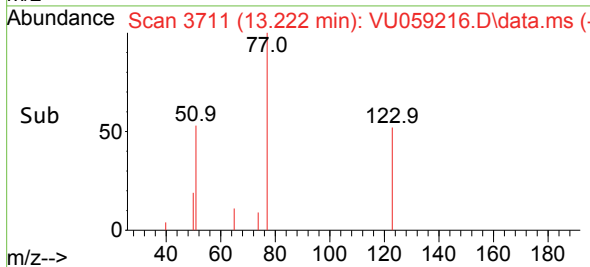
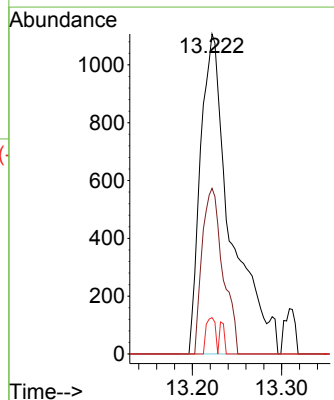
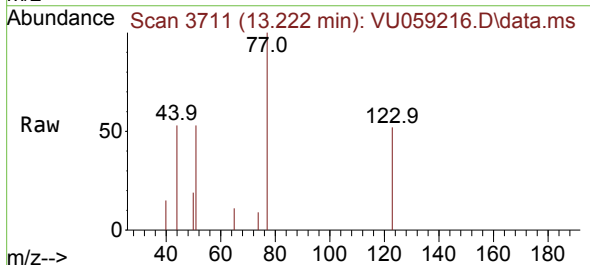
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0612WBS01

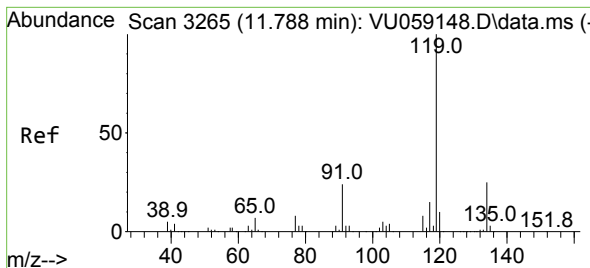
Tgt Ion:105 Resp: 122065
 Ion Ratio Lower Upper
 105 100
 134 18.3 14.5 21.7



#80
 Nitrobenzene
 Concen: 9.924 ug/l m
 RT: 13.222 min Scan# 3711
 Delta R.T. 0.016 min
 Lab File: VU059216.D
 Acq: 12 Jun 2024 11:22

Tgt Ion: 77 Resp: 2610
 Ion Ratio Lower Upper
 77 100
 123 35.5 18.3 64.7
 65 3.4 10.6 13.4#





#81

p-Isopropyltoluene

Concen: 2.098 ug/l

RT: 11.788 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU059216.D

Acq: 12 Jun 2024 11:22

Instrument :

MSVOA_U

ClientSampleId :

VU0612WBS01

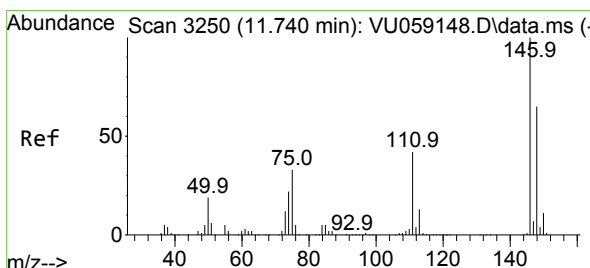
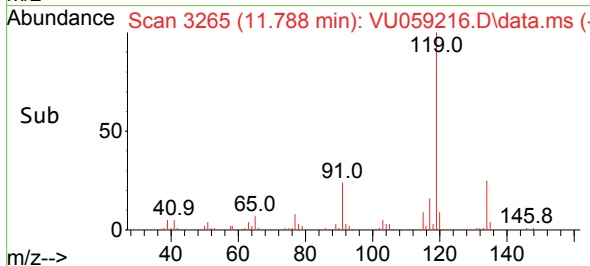
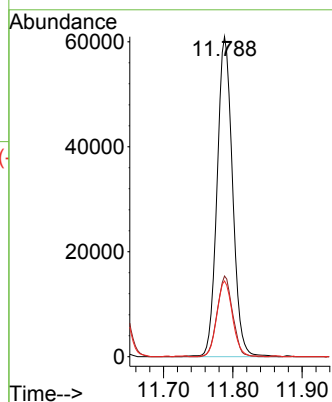
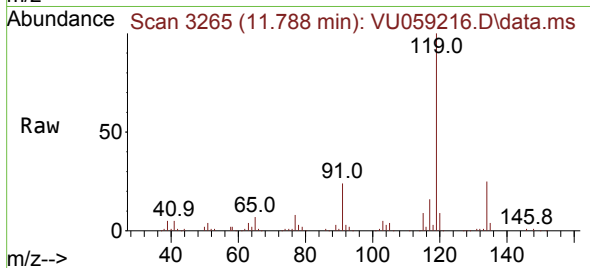
Tgt Ion:119 Resp: 94264

Ion Ratio Lower Upper

119 100

134 25.2 20.2 30.4

91 24.0 19.3 28.9



#82

1,3-Dichlorobenzene

Concen: 2.208 ug/l

RT: 11.743 min Scan# 3251

Delta R.T. 0.003 min

Lab File: VU059216.D

Acq: 12 Jun 2024 11:22

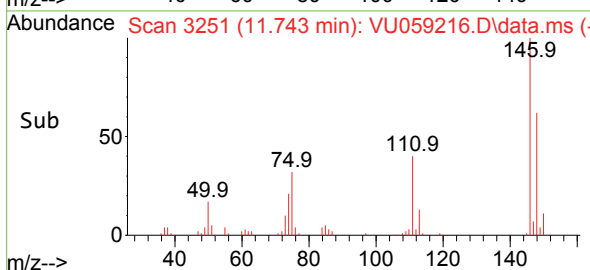
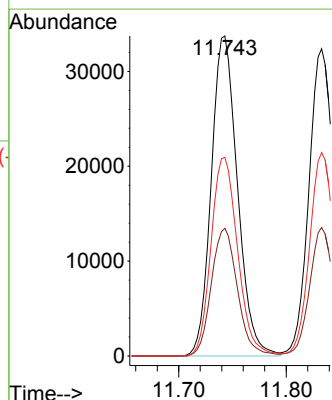
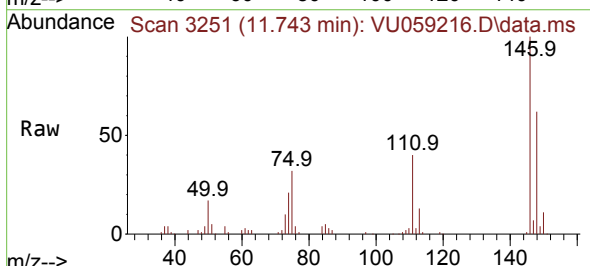
Tgt Ion:146 Resp: 57143

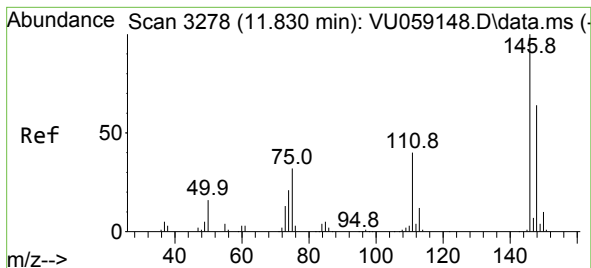
Ion Ratio Lower Upper

146 100

111 39.7 33.4 50.0

148 63.2 51.2 76.8





#83

1,4-Dichlorobenzene

Concen: 2.143 ug/l

RT: 11.833 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU059216.D

Acq: 12 Jun 2024 11:22

Instrument :

MSVOA_U

ClientSampleId :

VU0612WBS01

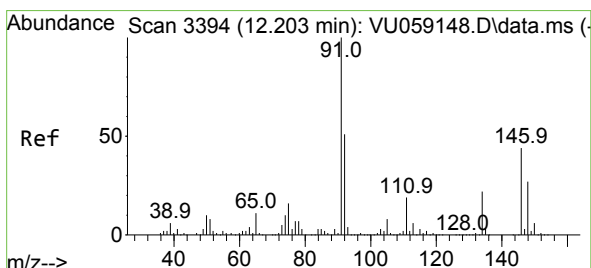
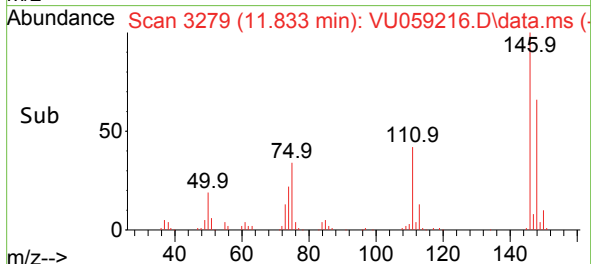
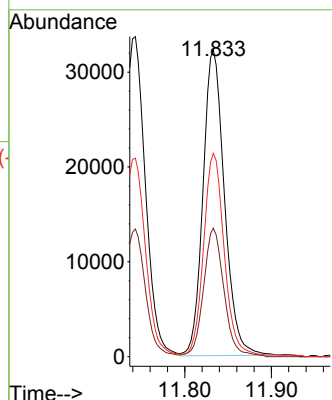
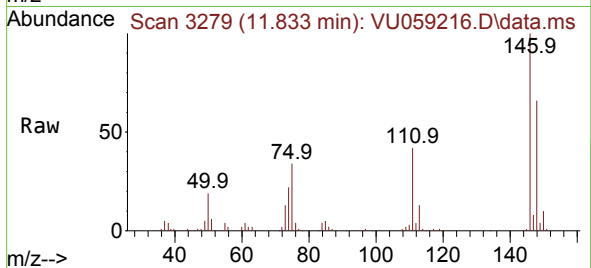
Tgt Ion:146 Resp: 55461

Ion Ratio Lower Upper

146 100

111 40.0 32.1 48.1

148 63.2 51.2 76.8



#84

n-Butylbenzene

Concen: 2.022 ug/l

RT: 12.206 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU059216.D

Acq: 12 Jun 2024 11:22

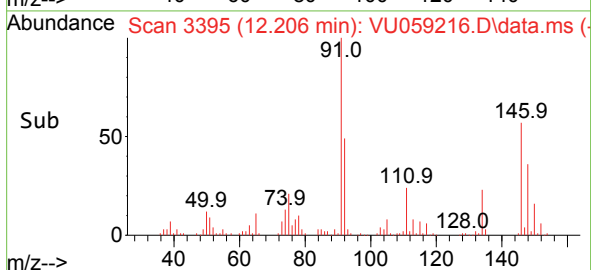
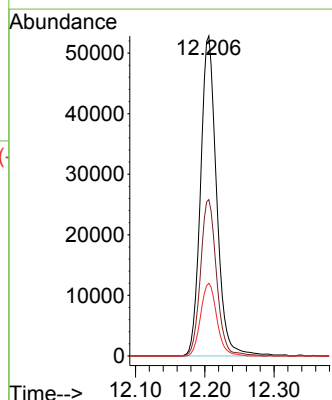
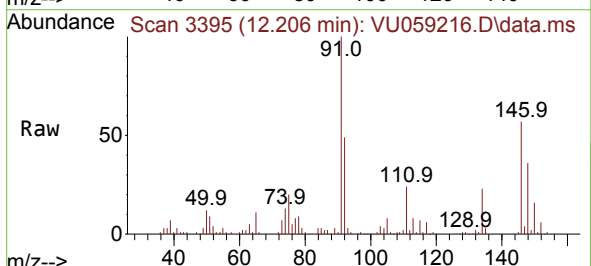
Tgt Ion: 91 Resp: 85068

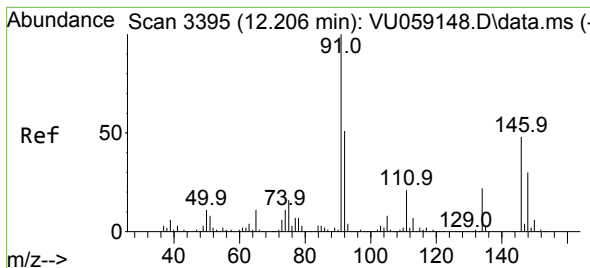
Ion Ratio Lower Upper

91 100

92 48.9 40.7 61.1

134 22.9 17.6 26.4





#85

1,2-Dichlorobenzene

Concen: 2.169 ug/l

RT: 12.209 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU059216.D

Acq: 12 Jun 2024 11:22

Instrument :

MSVOA_U

ClientSampleId :

VU0612WBS01

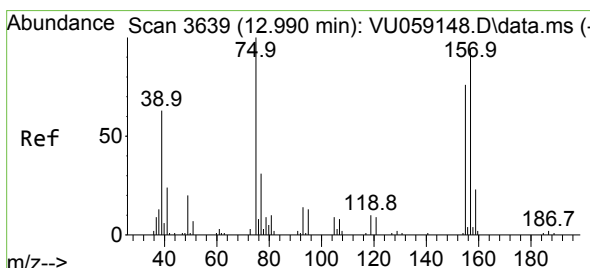
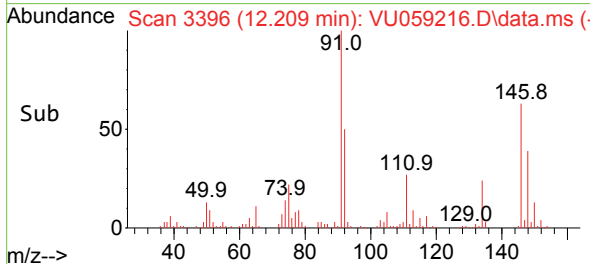
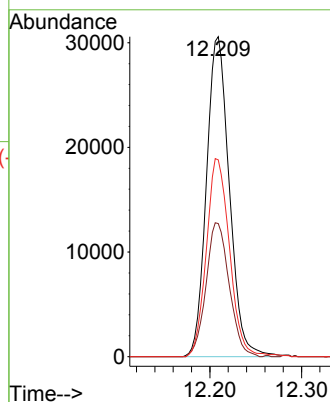
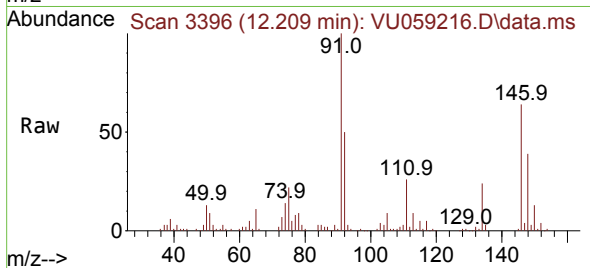
Tgt Ion:146 Resp: 52983

Ion Ratio Lower Upper

146 100

111 42.4 21.8 65.3

148 63.0 31.3 93.9



#86

1,2-Dibromo-3-Chloropropane

Concen: 1.802 ug/l

RT: 12.990 min Scan# 3639

Delta R.T. -0.000 min

Lab File: VU059216.D

Acq: 12 Jun 2024 11:22

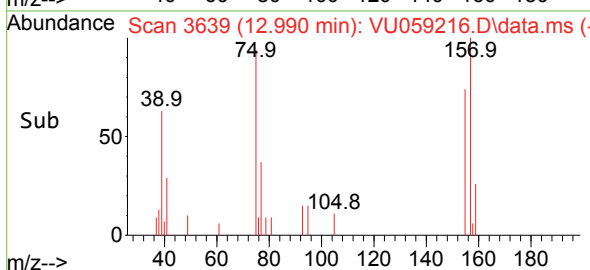
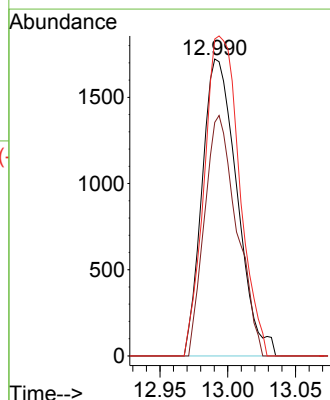
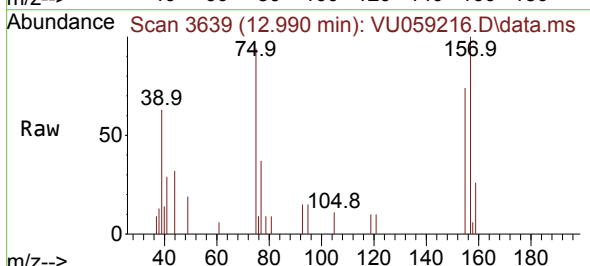
Tgt Ion: 75 Resp: 3077

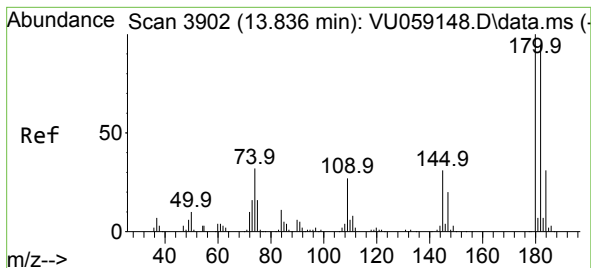
Ion Ratio Lower Upper

75 100

155 75.1 61.2 91.8

157 109.3 75.8 113.6





#87

1,2,4-Trichlorobenzene

Concen: 2.016 ug/l

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU059216.D

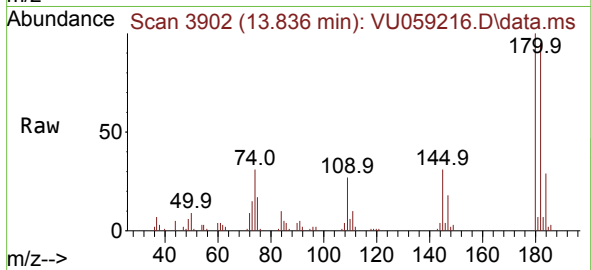
Acq: 12 Jun 2024 11:22

Instrument :

MSVOA_U

ClientSampleId :

VU0612WBS01



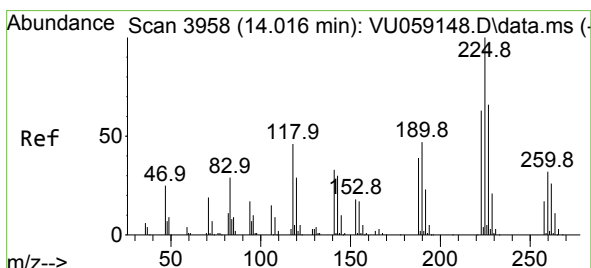
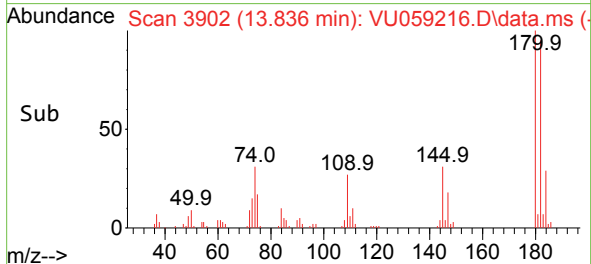
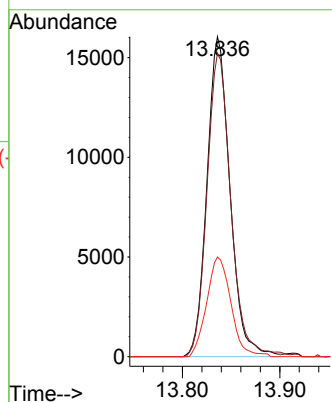
Tgt Ion:180 Resp: 26362

Ion Ratio Lower Upper

180 100

182 98.0 75.7 113.5

145 32.8 24.6 36.8



#88

Hexachlorobutadiene

Concen: 2.272 ug/l

RT: 14.013 min Scan# 3957

Delta R.T. -0.003 min

Lab File: VU059216.D

Acq: 12 Jun 2024 11:22

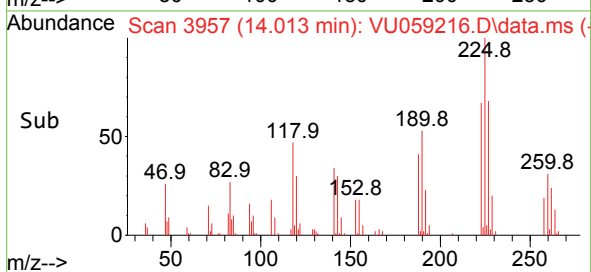
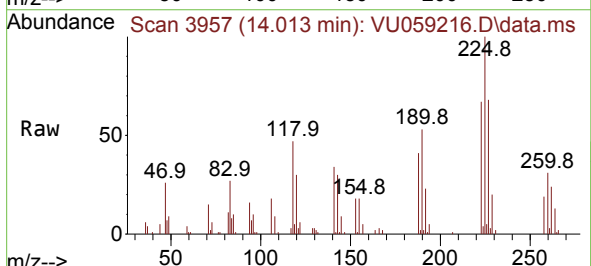
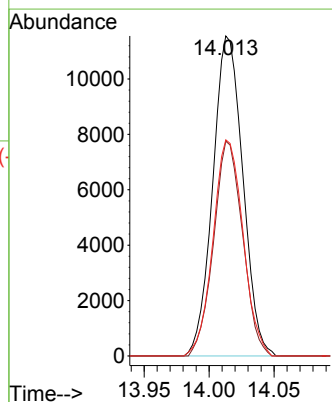
Tgt Ion:225 Resp: 18546

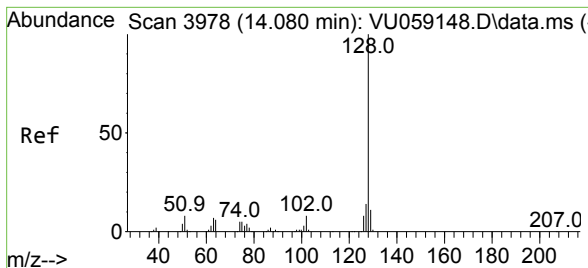
Ion Ratio Lower Upper

225 100

223 64.8 50.0 75.0

227 67.6 51.8 77.8





#89

Naphthalene

Concen: 1.704 ug/l

RT: 14.087 min Scan# 3978

Delta R.T. 0.007 min

Lab File: VU059216.D

Acq: 12 Jun 2024 11:22

Instrument :

MSVOA_U

ClientSampleId :

VU0612WBS01

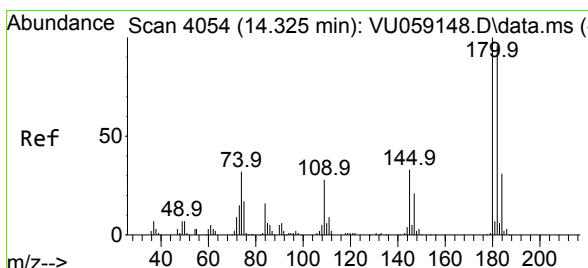
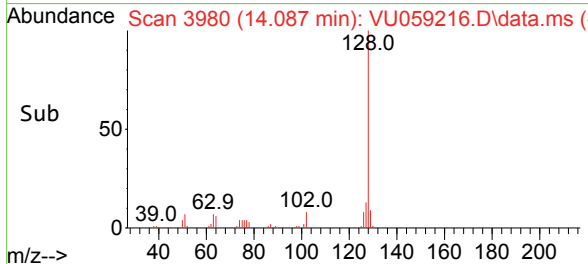
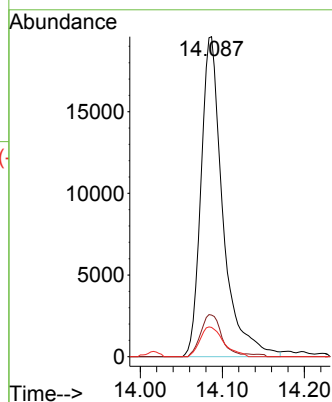
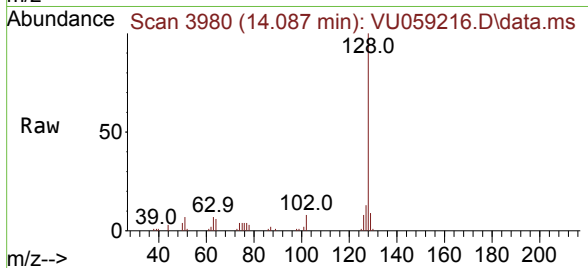
Tgt Ion:128 Resp: 36255

Ion Ratio Lower Upper

128 100

127 12.6 10.7 16.1

129 10.0 8.4 12.6



#90

1,2,3-Trichlorobenzene

Concen: 2.064 ug/l

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU059216.D

Acq: 12 Jun 2024 11:22

Tgt Ion:180 Resp: 24540

Ion Ratio Lower Upper

180 100

182 97.0 76.3 114.5

145 33.0 26.5 39.7

