

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072223\
 Data File : VU054841.D
 Acq On : 21 Jul 2023 16:55
 Operator : MD/SY
 Sample : VSTDICC0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC0.5

Quant Time: Jul 24 08:47:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072123DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Jul 24 08:47:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.113	96	25496	1.00	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	7355	0.96	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.00%	
68) 1,2-Dichlorobenzene-d4	12.190	152	8519	0.96	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.00%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	2446	0.48	ug/l	93
3) Chloromethane	1.518	50	3273	0.56	ug/l	97
4) Vinyl Chloride	1.602	62	3540	0.47	ug/l	93
5) Bromomethane	1.856	94	2525	0.47	ug/l	87
6) Chloroethane	1.933	64	3612	0.51	ug/l	92
7) Trichlorofluoromethane	2.136	101	8231	0.45	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.573	101	2597	0.49	ug/l	91
9) 1,1-Dichloroethene	2.579	96	2000	0.46	ug/l	65
10) Iodomethane	2.721	142	2972	0.42	ug/l	# 40
11) Allyl Chloride	2.920	41	2488	0.48	ug/l	98
12) Acrylonitrile	3.332	53	298	0.28	ug/l	# 69
13) Acetone	2.647	43	1882	2.03	ug/l	# 79
14) Carbon Disulfide	2.792	76	3384	0.46	ug/l	96
15) Methylene Chloride	3.039	84	6130	0.38	ug/l	96
16) trans-1,2-Dichloroethene	3.348	96	2404	0.49	ug/l	# 74
17) 1,1-Dichloroethane	3.869	63	4859	0.47	ug/l	98
18) 2-Butanone	4.756	43	1971	1.50	ug/l	73
19) Cyclohexane	5.380	56	2837	0.42	ug/l	89
20) Methylcyclohexane	6.759	83	3566	0.45	ug/l	97
21) 2,2-Dichloropropane	4.660	77	4484	0.50	ug/l	94
22) cis-1,2-Dichloroethene	4.676	96	2604	0.42	ug/l	83
23) Diethyl Ether	2.374	59	3201	0.48	ug/l	# 89
25) Methyl tert-Butyl Ether	3.364	73	6017	0.45	ug/l	93
26) Bromochloromethane	4.968	128	578	0.25	ug/l	# 11
27) Chloroform	5.084	83	5383	0.47	ug/l	95
28) 1,1,1-Trichloroethane	5.313	97	4010	0.42	ug/l	92
29) 1,1-Dichloropropene	5.522	75	2872	0.42	ug/l	100
30) Carbon Tetrachloride	5.525	117	3675	0.46	ug/l	95
31) Isopropyl Ether	3.988	45	6866	0.45	ug/l	90
32) Ethyl-t-butyl ether	4.499	59	7124	0.45	ug/l	91
33) Tert-Amyl methyl ether	5.939	73	6871	0.47	ug/l	96
34) Propionitrile	4.821	54	246	0.57	ug/l	# 54
35) Benzene	5.769	78	10083	0.46	ug/l	91
36) 1,2-Dichloroethane	5.792	62	2876	0.45	ug/l	# 93
37) Trichloroethene	6.544	130	2882	0.48	ug/l	98
38) 1,2-Dichloropropane	6.788	63	2956	0.47	ug/l	# 85
39) Methacrylonitrile	4.988	41	427	0.27	ug/l	# 58
40) Methyl acrylate	4.878	55	564	0.21	ug/l	# 67
41) Tetrahydrofuran	5.075	42	623	0.68	ug/l	# 77
42) 1-Chlorobutane	5.457	56	4112	0.45	ug/l	90
43) Dibromomethane	6.917	93	1242	0.42	ug/l	# 57
44) Bromodichloromethane	7.103	83	3560	0.44	ug/l	# 95
45) 4-Methyl-2-Pentanone	7.795	43	7652	2.19	ug/l	96

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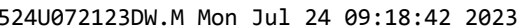
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 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

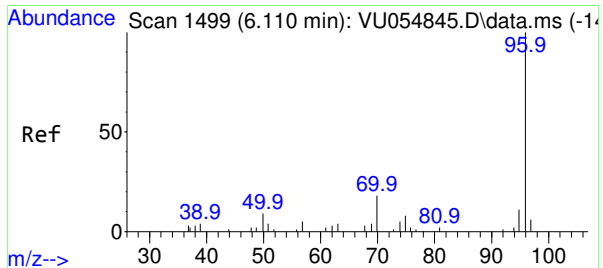
Quant Time: Jul 24 08:47:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U072123DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Mon Jul 24 08:47:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) t-1,4-Dichloro-2-butene	10.824	75	1370	0.93	ug/l #	84
47) Methyl methacrylate	6.968	69	2398	0.86	ug/l #	90
48) Ethyl methacrylate	8.335	69	2514	0.45	ug/l	83
49) Toluene	7.968	92	6055	0.43	ug/l	90
50) t-1,3-Dichloropropene	8.216	75	2946	0.41	ug/l	90
51) cis-1,3-Dichloropropene	7.608	75	3966	0.45	ug/l	93
52) 1,1,2-Trichloroethane	8.399	97	1841	0.41	ug/l #	85
53) 1,3-Dichloropropane	8.570	76	3191	0.42	ug/l	98
54) 2-Hexanone	8.689	43	5742	2.35	ug/l	91
55) Dibromochloromethane	8.808	129	2080	0.39	ug/l	87
56) 1,2-Dibromoethane	8.923	107	1412	0.36	ug/l	78
58) Tetrachloroethene	8.550	164	2403	0.46	ug/l	93
59) Chlorobenzene	9.447	112	7263	0.43	ug/l	95
60) 1,1,1,2-Tetrachloroethane	9.531	131	2383	0.40	ug/l #	89
61) Pentachloroethane	11.422	117	1892	0.41	ug/l	98
62) Hexachloroethane	12.467	117	1839	0.38	ug/l	91
63) Ethyl Benzene	9.570	91	12107	0.42	ug/l	94
64) m/p-Xylenes	9.695	106	9375	0.87	ug/l	98
65) o-Xylene	10.097	106	4873	0.45	ug/l	90
66) Styrene	10.116	104	7709	0.44	ug/l	96
67) Bromoform	10.290	173	1201	0.42	ug/l #	74
69) Isopropylbenzene	10.480	105	12816	0.43	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.782	83	2390	0.43	ug/l #	97
71) 1,2,3-Trichloropropane	10.824	75	1370	0.36	ug/l #	82
72) Bromobenzene	10.782	156	3105	0.46	ug/l	91
73) n-propylbenzene	10.904	120	3473	0.44	ug/l	85
74) 2-Chlorotoluene	10.984	126	3188	0.46	ug/l	91
75) 1,3,5-Trimethylbenzene	11.087	105	10295	0.43	ug/l	96
76) 4-Chlorotoluene	11.097	126	2892	0.41	ug/l	91
77) tert-Butylbenzene	11.415	119	10893	0.44	ug/l	93
78) 1,2,4-Trimethylbenzene	11.467	105	9953	0.41	ug/l	92
79) sec-Butylbenzene	11.640	105	13094	0.41	ug/l	99
80) Nitrobenzene	13.219	77	245	4.20	ug/l #	42
81) p-Isopropyltoluene	11.791	119	10643	0.41	ug/l	99
82) 1,3-Dichlorobenzene	11.746	146	5959	0.44	ug/l	97
83) 1,4-Dichlorobenzene	11.836	146	6223	0.46	ug/l	93
84) n-Butylbenzene	12.206	91	9331	0.39	ug/l	99
85) 1,2-Dichlorobenzene	12.213	146	5720	0.44	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.994	75	210	0.42	ug/l #	44
87) 1,2,4-Trichlorobenzene	13.839	180	3479	0.42	ug/l	93
88) Hexachlorobutadiene	14.016	225	1900	0.43	ug/l	96
89) Naphthalene	14.090	128	5257	0.39	ug/l	98
90) 1,2,3-Trichlorobenzene	14.328	180	3121	0.43	ug/l	94

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

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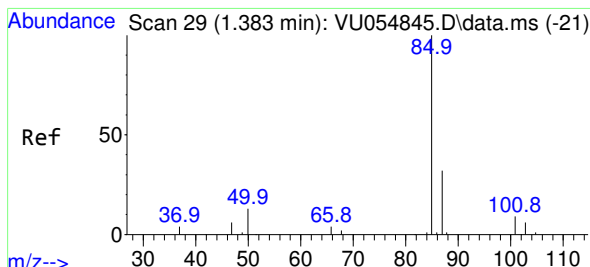
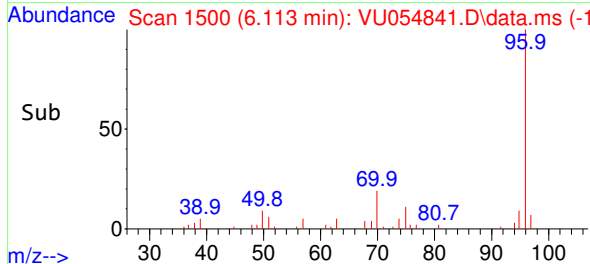
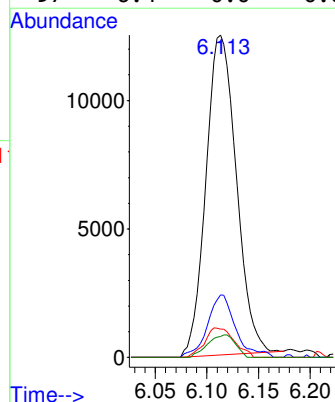
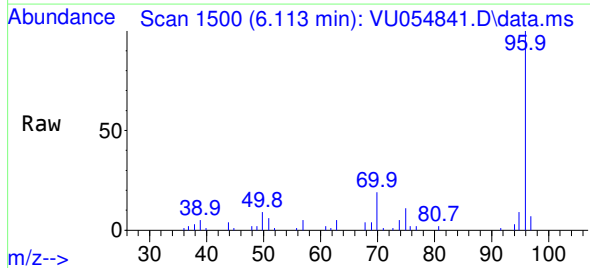




#1
Fluorobenzene
Concen: 1.00 ug/l
RT: 6.113 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

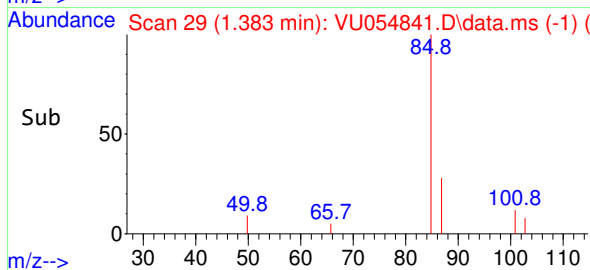
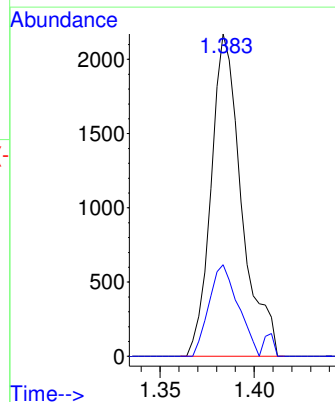
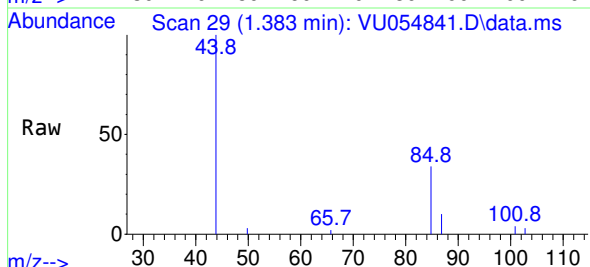
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

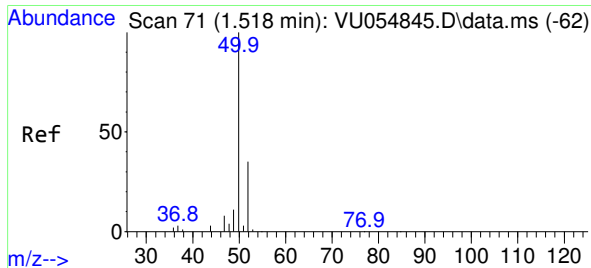
Tgt Ion:	96	Resp:	25496
Ion	Ratio	Lower	Upper
96	100		
70	18.0	14.0	21.0
95	9.0	8.7	13.1
97	6.4	0.0	0.0#



#2
Dichlorodifluoromethane
Concen: 0.48 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion:	85	Resp:	2446
Ion	Ratio	Lower	Upper
85	100		
87	28.5	16.2	48.6

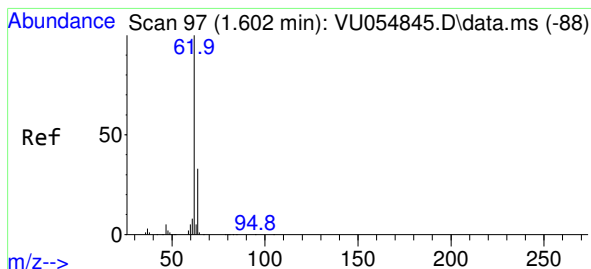
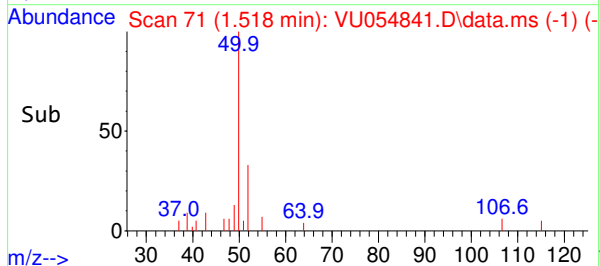
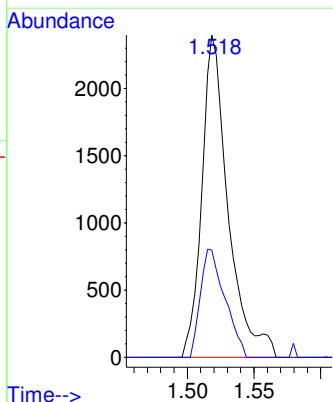
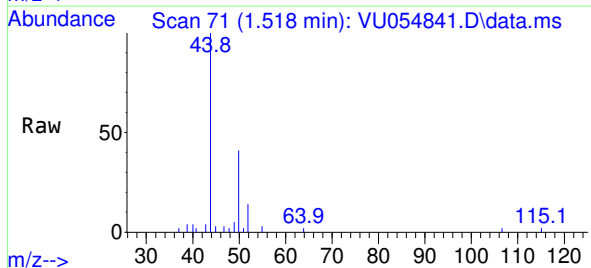




#3
Chloromethane
Concen: 0.56 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

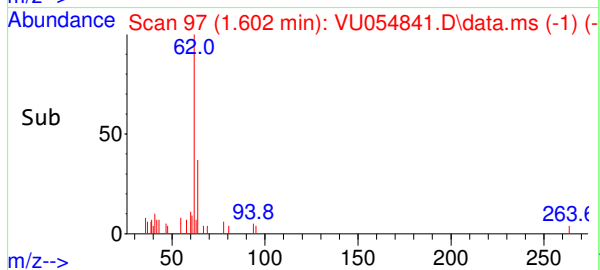
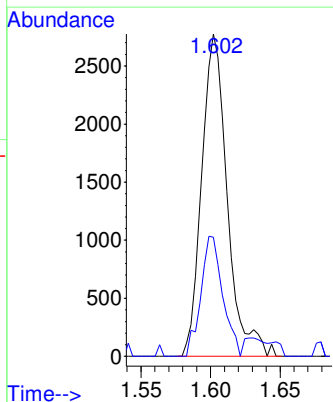
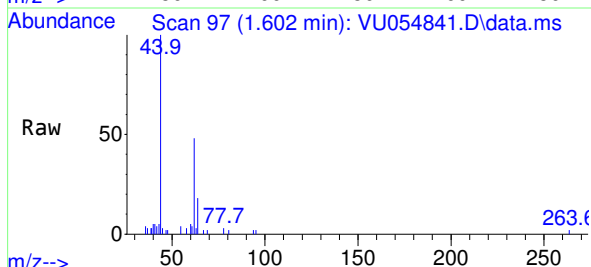
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

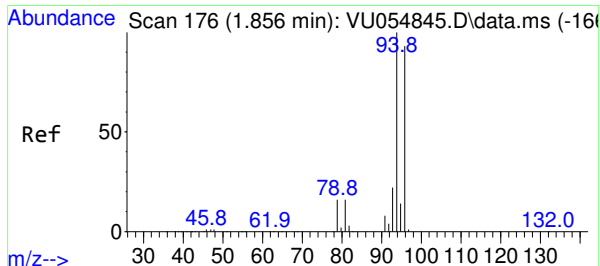
Tgt Ion: 50 Resp: 3273
Ion Ratio Lower Upper
50 100
52 33.2 28.2 42.2



#4
Vinyl Chloride
Concen: 0.47 ug/l
RT: 1.602 min Scan# 97
Delta R.T. 0.000 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion: 62 Resp: 3540
Ion Ratio Lower Upper
62 100
64 37.0 26.4 39.6

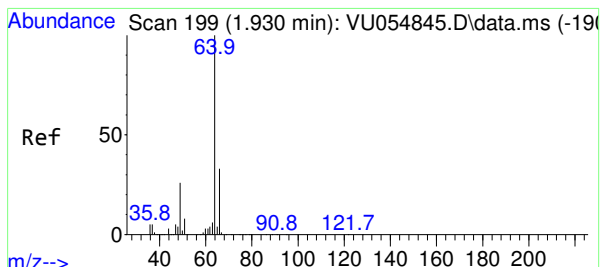
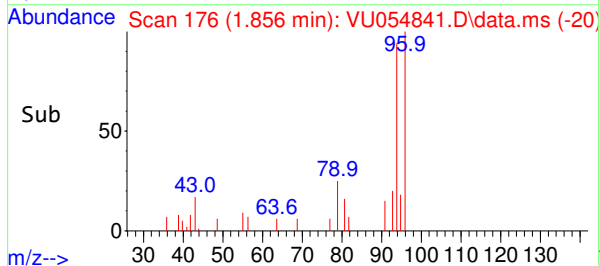
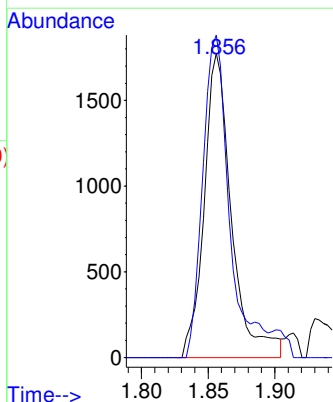
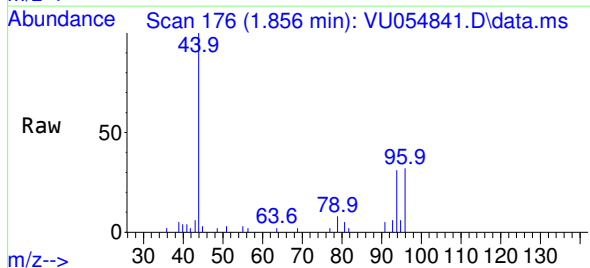




#5
Bromomethane
Concen: 0.47 ug/l
RT: 1.856 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

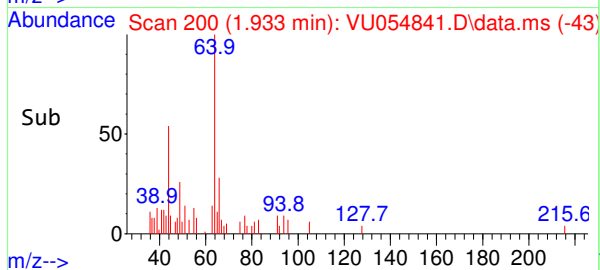
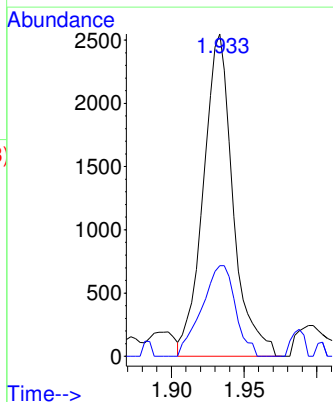
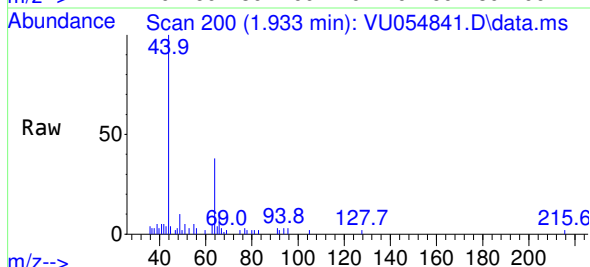
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ClientSampleId :
VSTDICC0.5

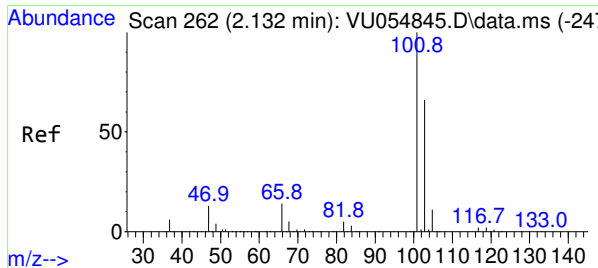
Tgt Ion: 94 Resp: 2525
Ion Ratio Lower Upper
94 100
96 106.0 74.6 111.8



#6
Chloroethane
Concen: 0.51 ug/l
RT: 1.933 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion: 64 Resp: 3612
Ion Ratio Lower Upper
64 100
66 28.1 26.2 39.4

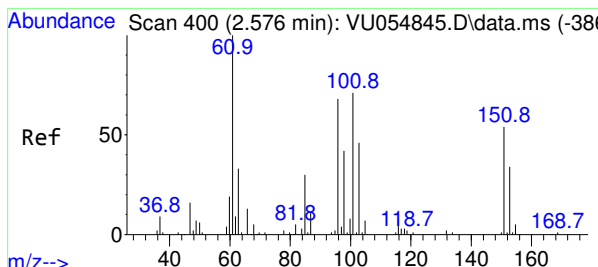
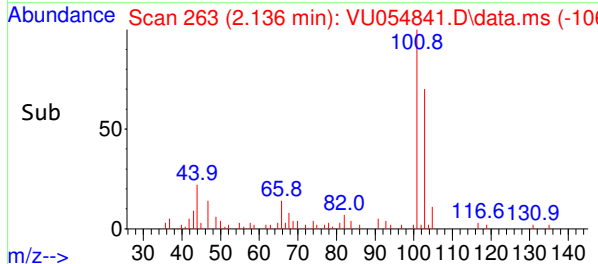
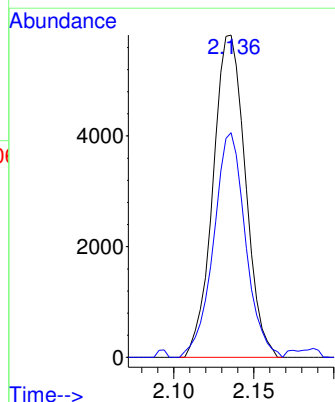
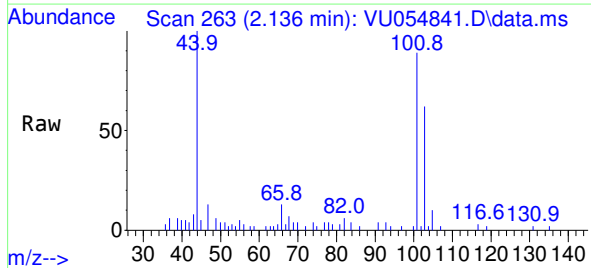




#7
Trichlorofluoromethane
Concen: 0.45 ug/l
RT: 2.136 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

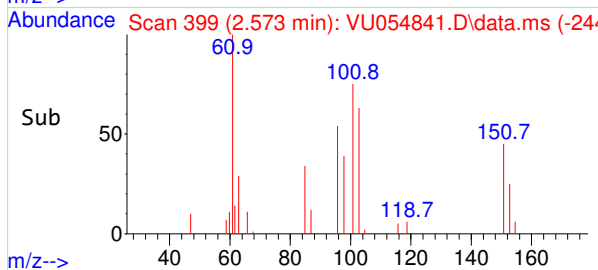
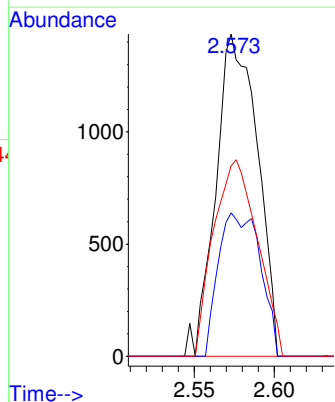
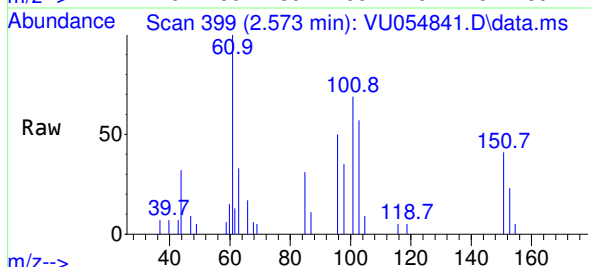
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ClientSampleId :
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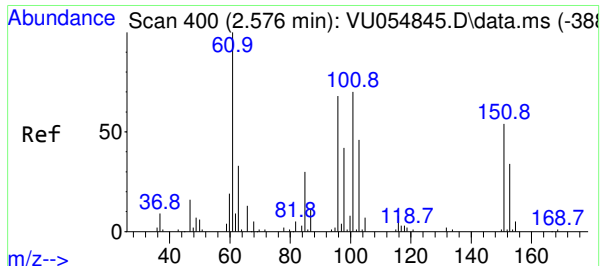
Tgt Ion:101 Resp: 8231
Ion Ratio Lower Upper
101 100
103 69.7 52.9 79.3



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.49 ug/l
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion:101 Resp: 2597
Ion Ratio Lower Upper
101 100
85 44.8 34.8 52.2
151 64.6 60.5 90.7



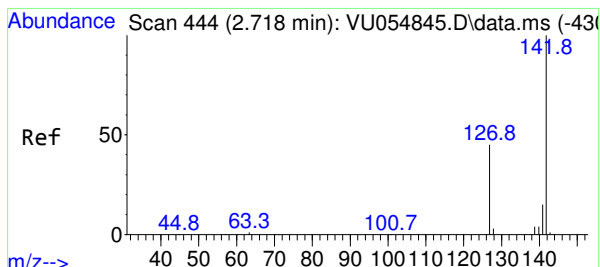
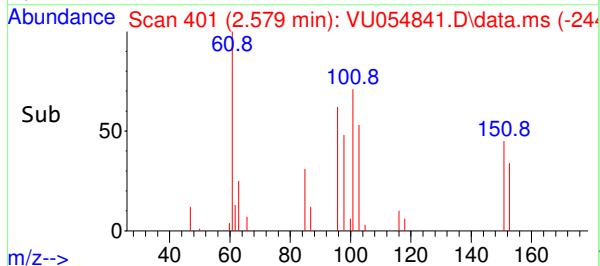
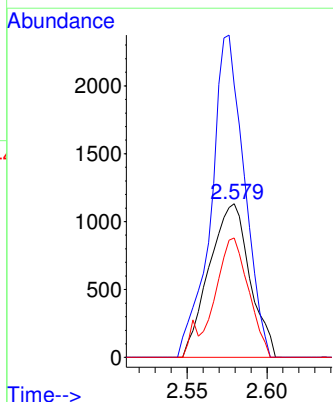
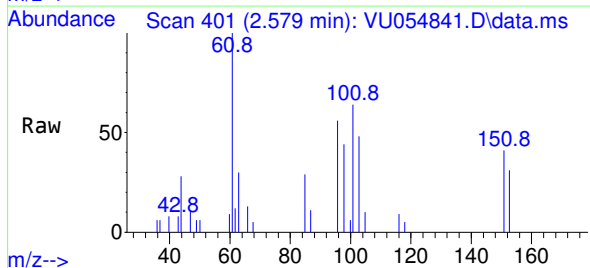


#9
1,1-Dichloroethene
Concen: 0.46 ug/l
RT: 2.579 min Scan# 412
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 96 Resp: 2000

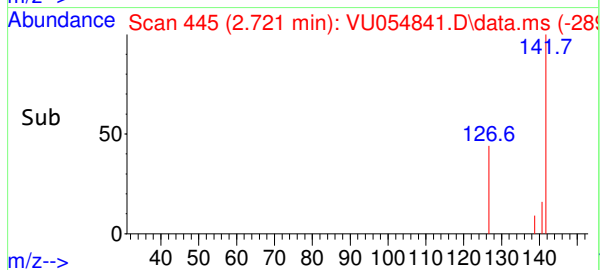
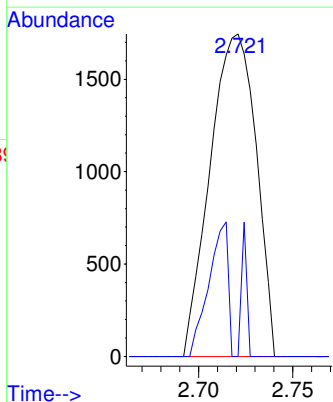
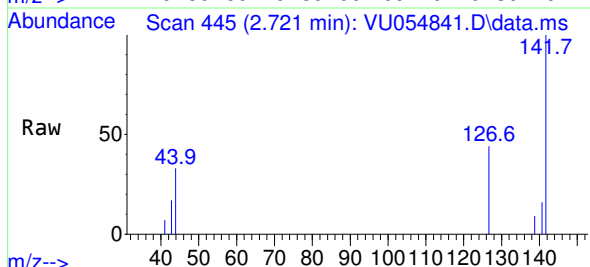
Ion	Ratio	Lower	Upper
96	100		
61	197.6	0.0	440.1
98	77.8	0.0	121.8

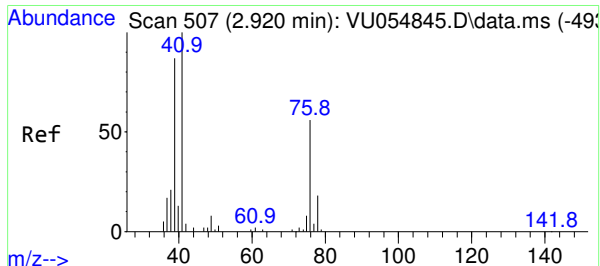


#10
Iodomethane
Concen: 0.42 ug/l
RT: 2.721 min Scan# 445
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion: 142 Resp: 2972

Ion	Ratio	Lower	Upper
142	100		
127	4.7	34.3	51.5#

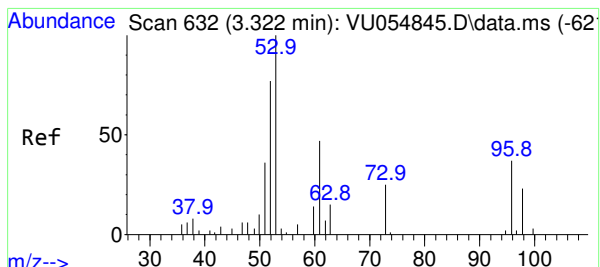
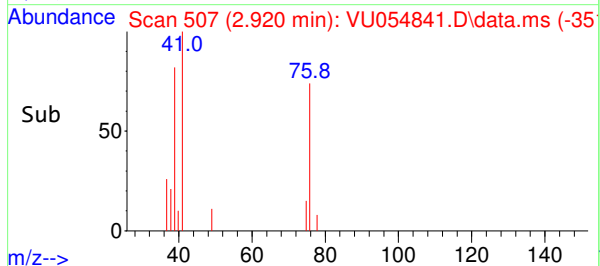
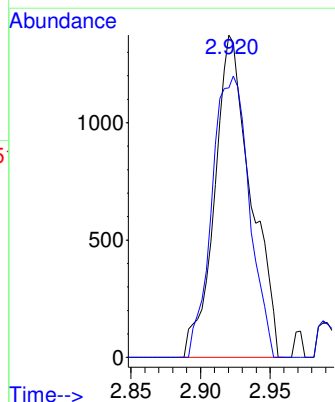
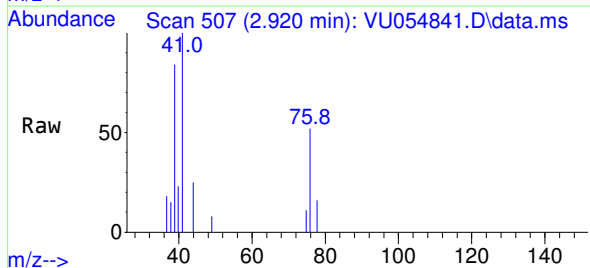




#11
 Allyl Chloride
 Concen: 0.48 ug/l
 RT: 2.920 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VU054841.D
 Acq: 21 Jul 2023 16:55

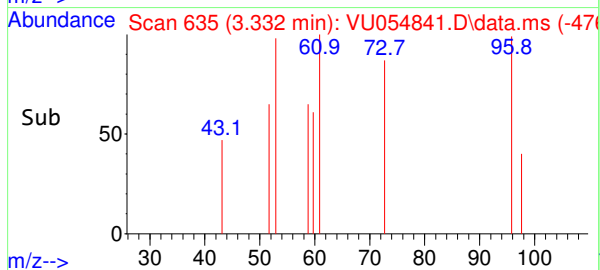
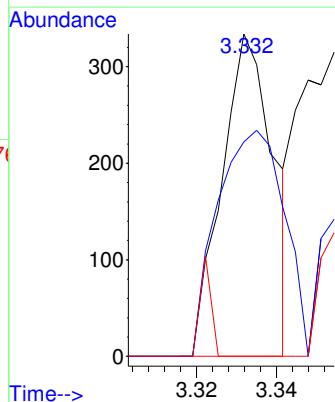
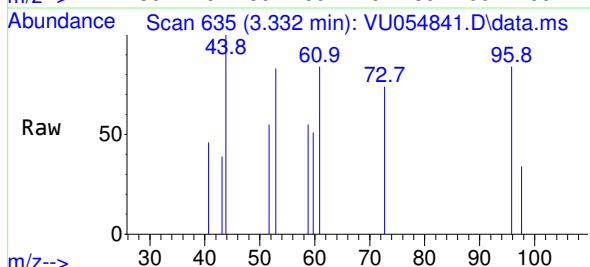
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

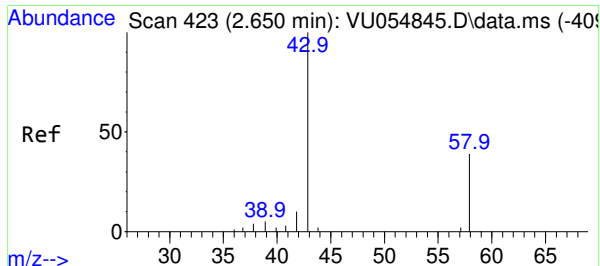
Tgt Ion: 41 Resp: 2488
 Ion Ratio Lower Upper
 41 100
 39 89.9 70.2 105.2



#12
 Acrylonitrile
 Concen: 0.28 ug/l
 RT: 3.332 min Scan# 635
 Delta R.T. 0.010 min
 Lab File: VU054841.D
 Acq: 21 Jul 2023 16:55

Tgt Ion: 53 Resp: 298
 Ion Ratio Lower Upper
 53 100
 52 91.3 64.2 96.4
 51 0.0 33.6 50.4#

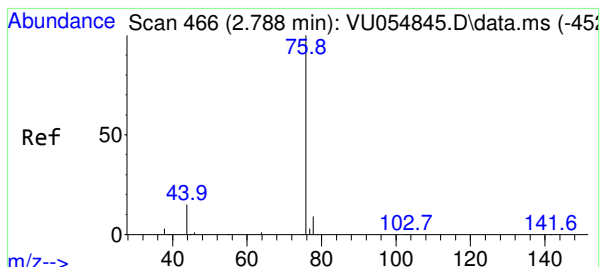
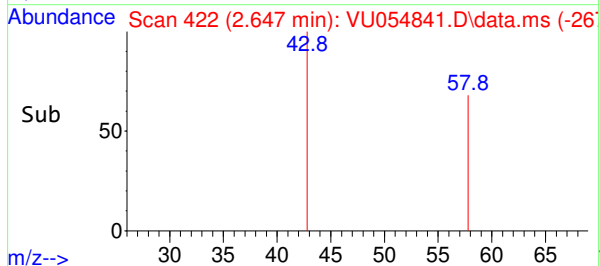
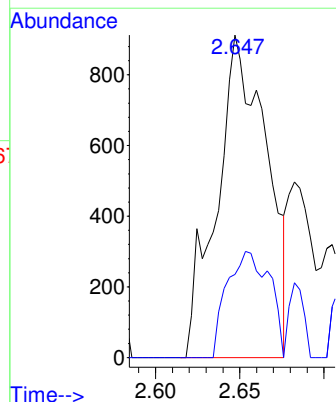
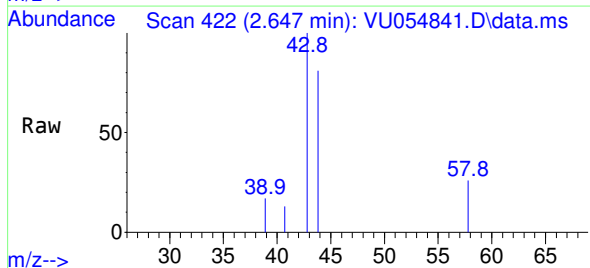




#13
Acetone
Concen: 2.03 ug/l
RT: 2.647 min Scan# 413
Delta R.T. -0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

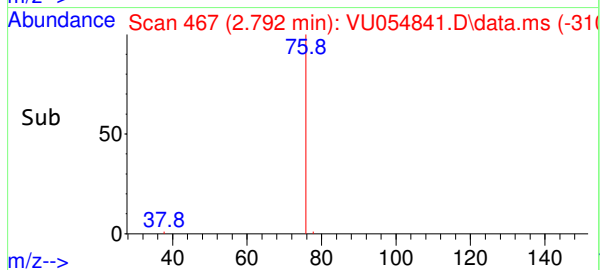
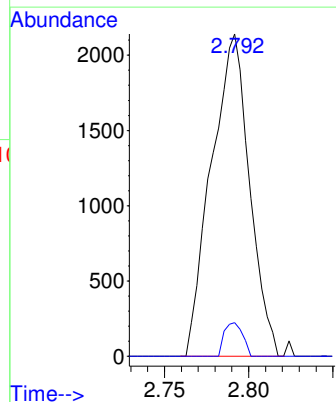
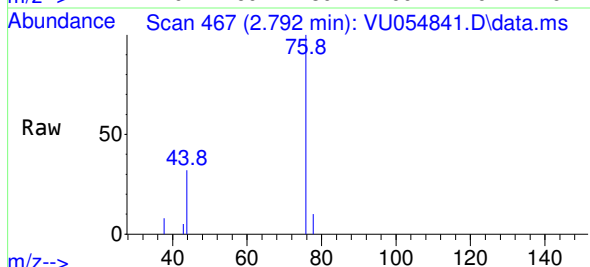
Instrument : MSVOA_U
ClientSampleId : VSTDIC0.5

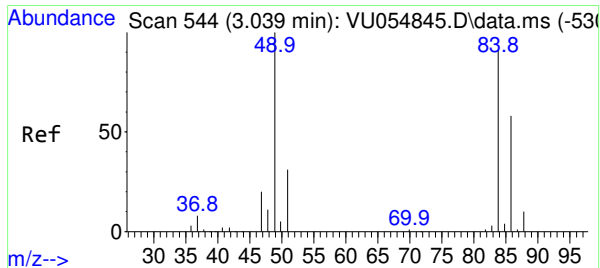
Tgt Ion: 43 Resp: 1882
Ion Ratio Lower Upper
43 100
58 25.7 30.7 46.1#



#14
Carbon Disulfide
Concen: 0.46 ug/l
RT: 2.792 min Scan# 467
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion: 76 Resp: 3384
Ion Ratio Lower Upper
76 100
78 10.4 7.1 10.7

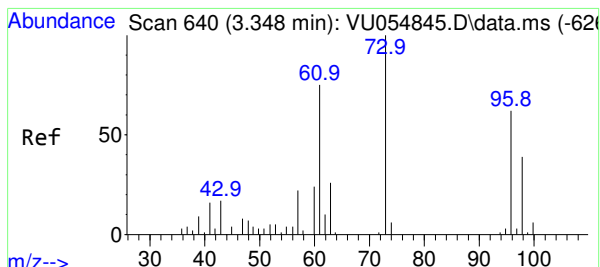
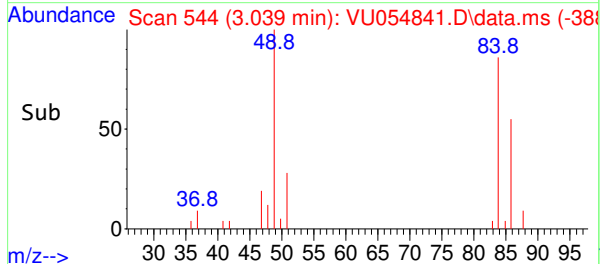
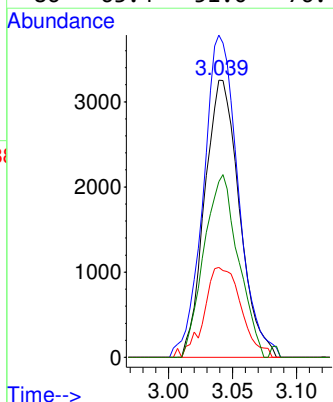
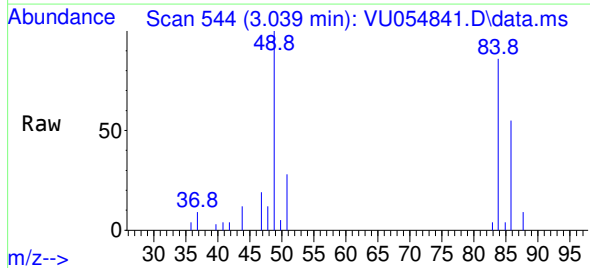




#15
Methylene Chloride
Concen: 0.38 ug/l
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

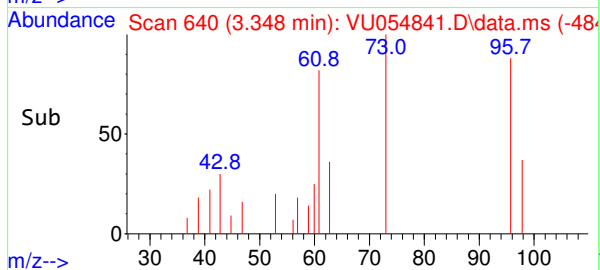
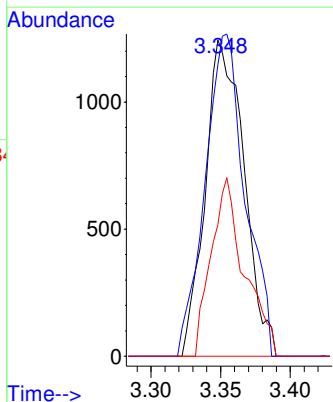
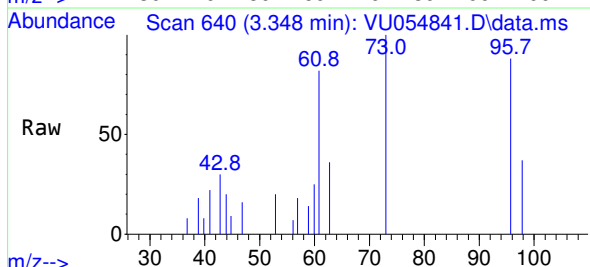
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

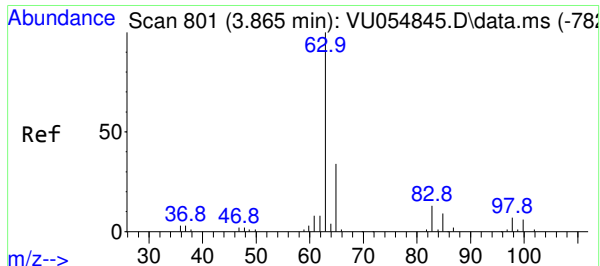
Tgt Ion: 84 Resp: 6130
Ion Ratio Lower Upper
84 100
49 116.3 87.8 131.6
51 32.5 0.0 68.2
86 63.4 51.0 76.4



#16
trans-1,2-Dichloroethene
Concen: 0.49 ug/l
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion: 96 Resp: 2404
Ion Ratio Lower Upper
96 100
61 92.3 96.4 144.6#
98 41.7 49.3 73.9#

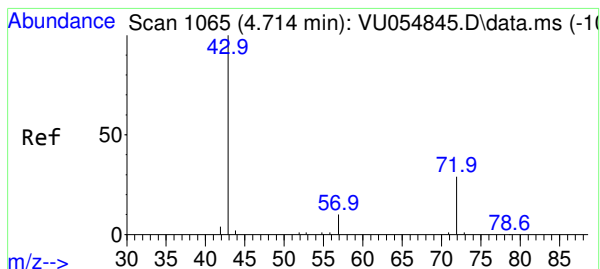
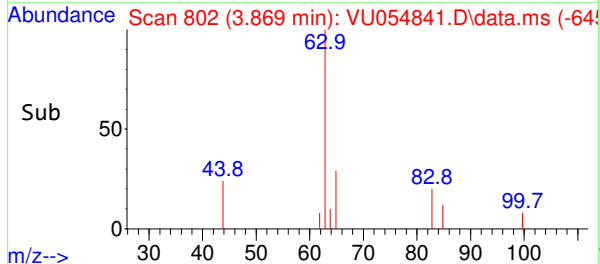
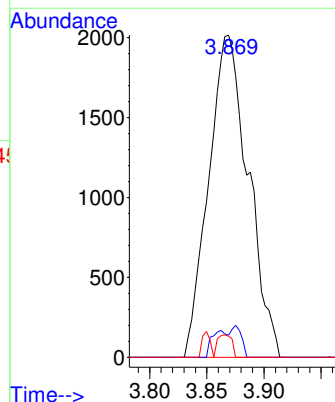
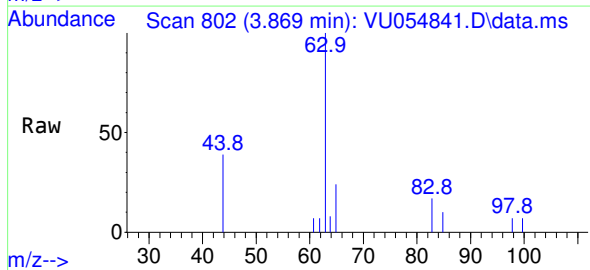




#17
1,1-Dichloroethane
Concen: 0.47 ug/l
RT: 3.869 min Scan# 801
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

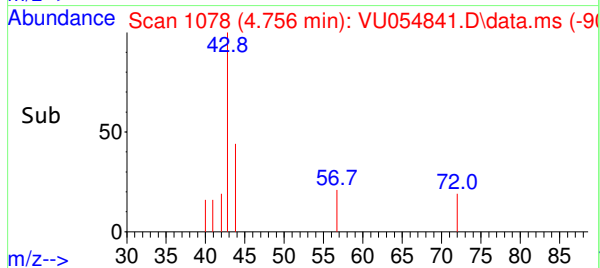
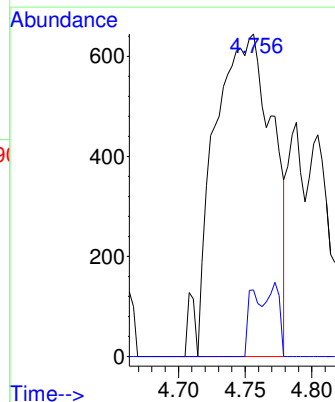
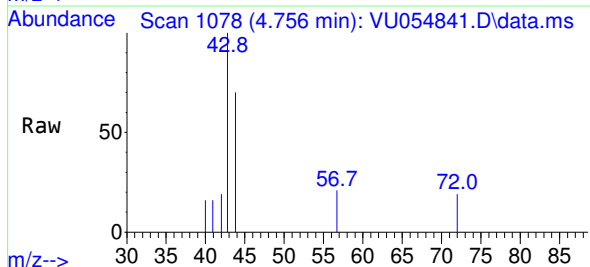
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

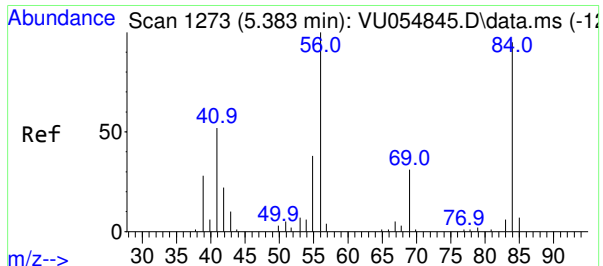
Tgt Ion: 63 Resp: 4859
Ion Ratio Lower Upper
63 100
98 6.9 3.6 10.8
100 6.5 2.8 8.4



#18
2-Butanone
Concen: 1.50 ug/l
RT: 4.756 min Scan# 1078
Delta R.T. 0.042 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion: 43 Resp: 1971
Ion Ratio Lower Upper
43 100
57 20.6 0.0 20.8

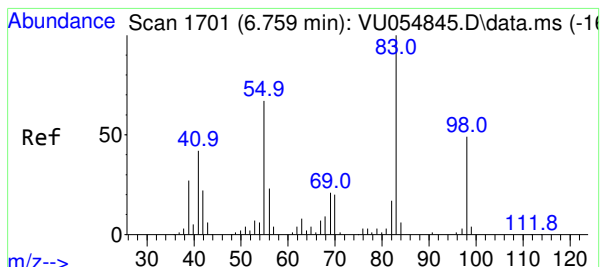
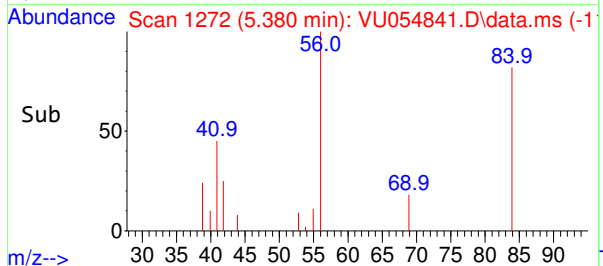
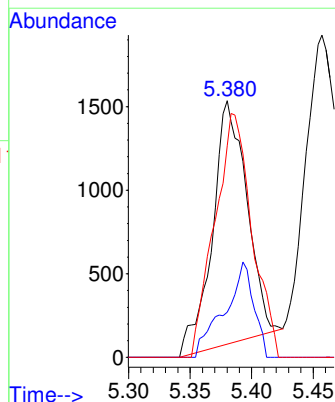
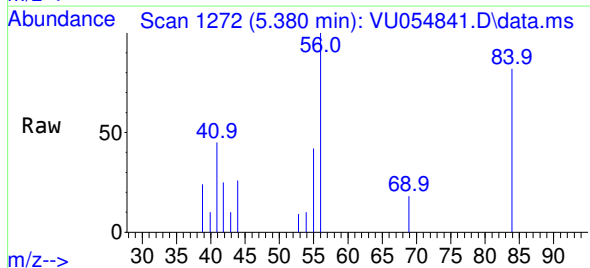




#19
Cyclohexane
Concen: 0.42 ug/l
RT: 5.380 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

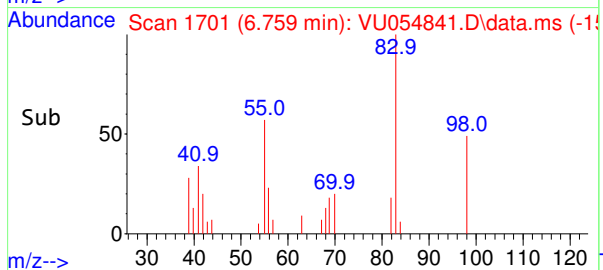
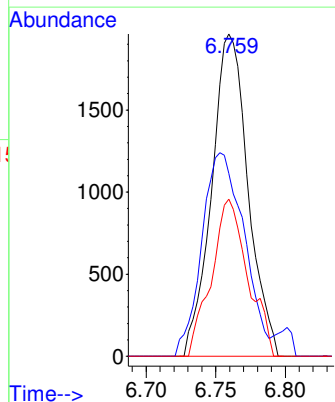
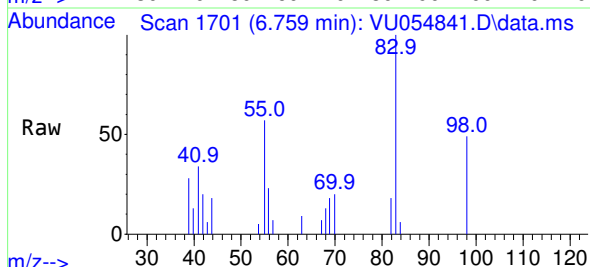
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

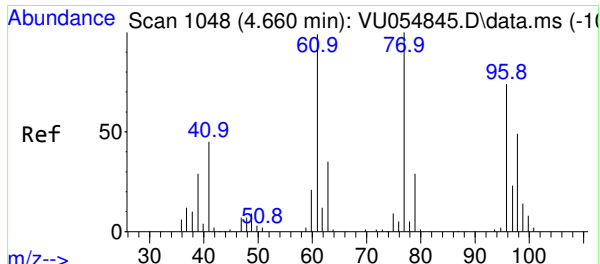
Tgt Ion:	56	Resp:	2837
Ion	Ratio	Lower	Upper
56	100		
69	33.2	24.7	37.1
84	107.9	76.5	114.7



#20
Methylcyclohexane
Concen: 0.45 ug/l
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion:	83	Resp:	3566
Ion	Ratio	Lower	Upper
83	100		
55	67.2	51.6	77.4
98	48.7	38.2	57.2

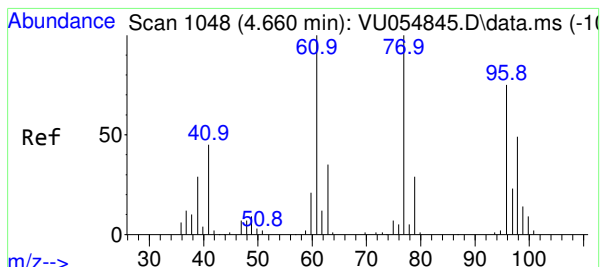
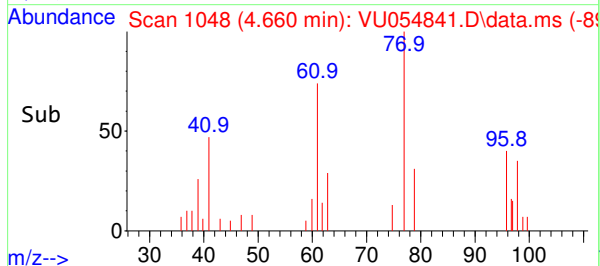
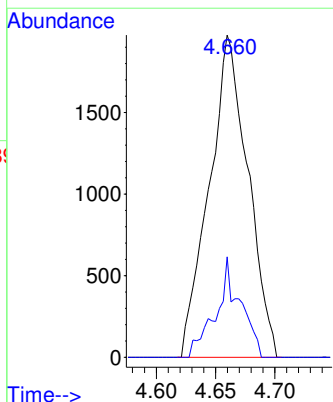
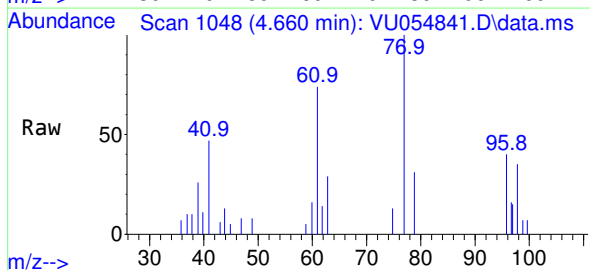




#21
2,2-Dichloropropane
Concen: 0.50 ug/l
RT: 4.660 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

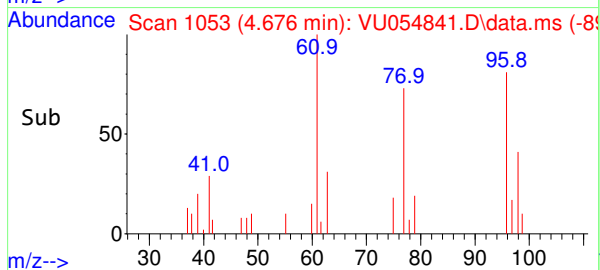
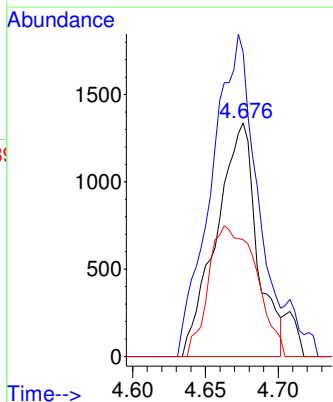
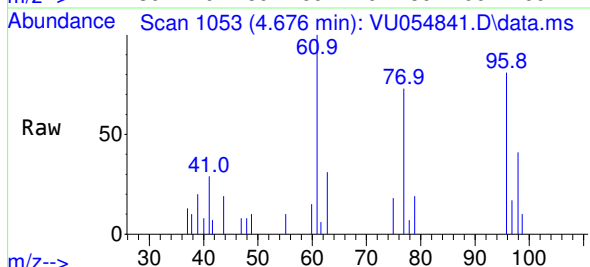
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

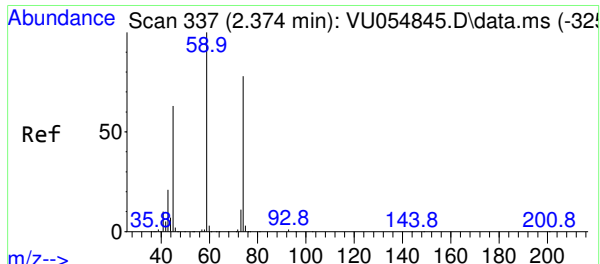
Tgt Ion: 77 Resp: 4484
Ion Ratio Lower Upper
77 100
97 19.8 18.0 27.0



#22
cis-1,2-Dichloroethene
Concen: 0.42 ug/l
RT: 4.676 min Scan# 1053
Delta R.T. 0.016 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion: 96 Resp: 2604
Ion Ratio Lower Upper
96 100
61 163.0 0.0 332.0
98 65.7 32.5 97.5

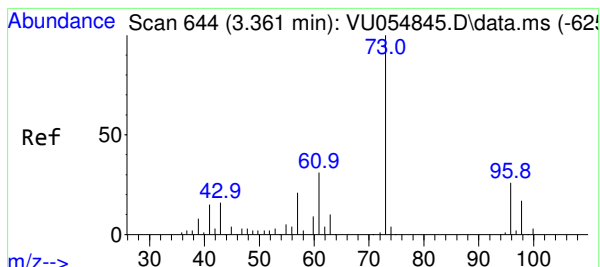
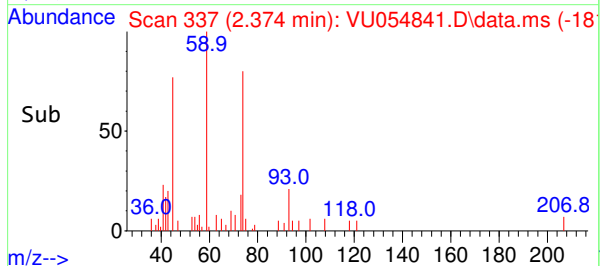
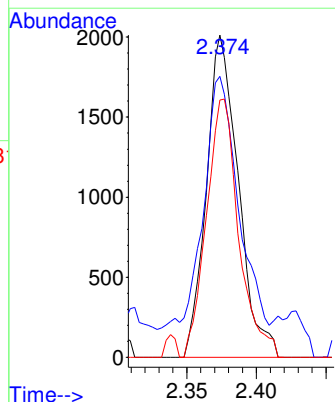
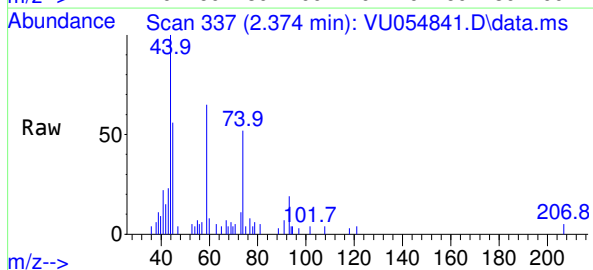




#23
Diethyl Ether
Concen: 0.48 ug/l
RT: 2.374 min Scan# 337
Delta R.T. 0.000 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

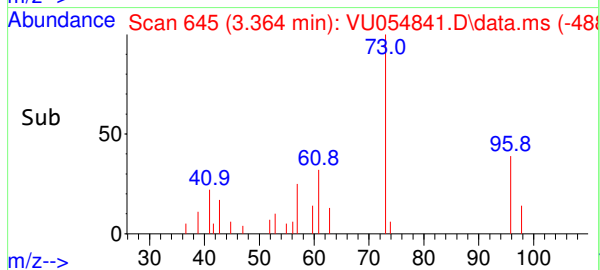
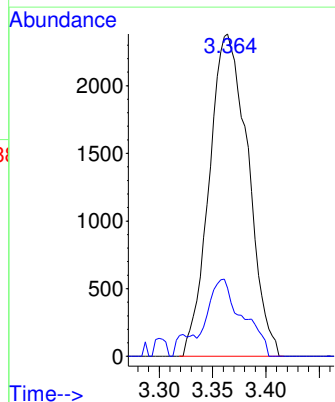
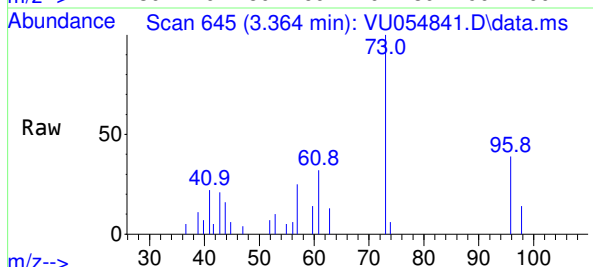
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

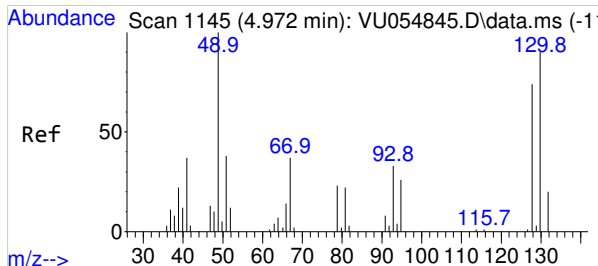
Tgt Ion: 59 Resp: 3201
Ion Ratio Lower Upper
59 100
45 81.8 51.4 77.0#
74 81.1 63.1 94.7



#25
Methyl tert-Butyl Ether
Concen: 0.45 ug/l
RT: 3.364 min Scan# 645
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion: 73 Resp: 6017
Ion Ratio Lower Upper
73 100
43 21.2 14.6 22.0

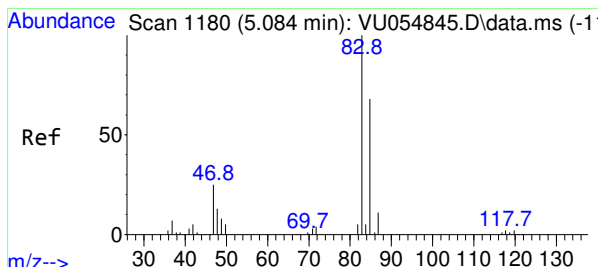
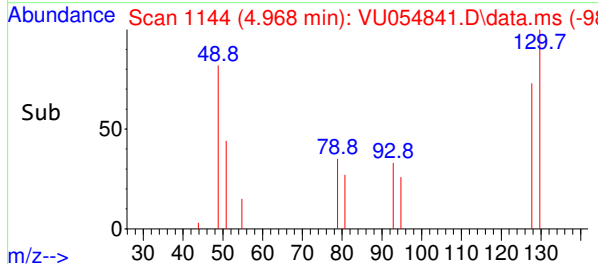
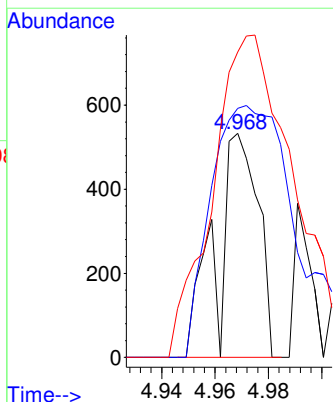
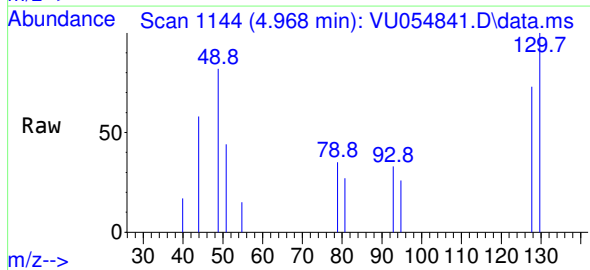




#26
Bromochloromethane
Concen: 0.25 ug/l
RT: 4.968 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

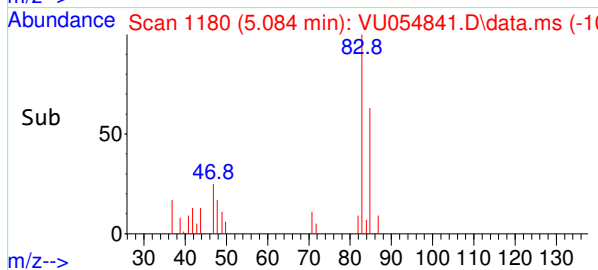
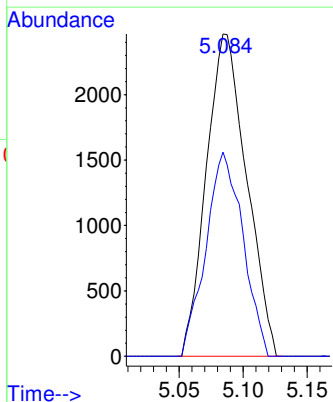
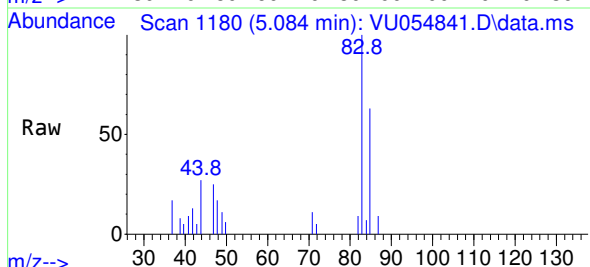
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Tgt Ion:128 Resp: 578
Ion Ratio Lower Upper
128 100
49 228.4 0.0 304.0
130 274.6 104.3 156.5#

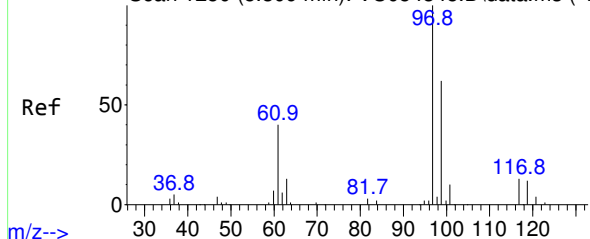


#27
Chloroform
Concen: 0.47 ug/l
RT: 5.084 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion: 83 Resp: 5383
Ion Ratio Lower Upper
83 100
85 63.3 0.0 135.2



Abundance Scan 1250 (5.309 min): VU054845.D\data.ms (-1



#28

1,1,1-Trichloroethane

Concen: 0.42 ug/l

RT: 5.313 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU054841.D

Acq: 21 Jul 2023 16:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC0.5

Tgt Ion: 97 Resp: 4010

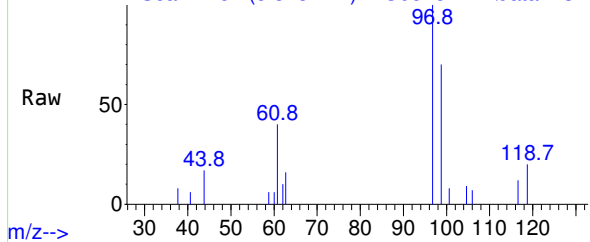
Ion Ratio Lower Upper

97 100

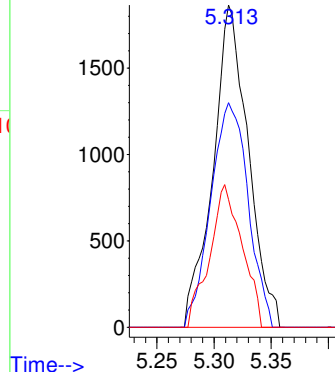
99 73.9 32.0 96.2

61 40.8 21.0 63.0

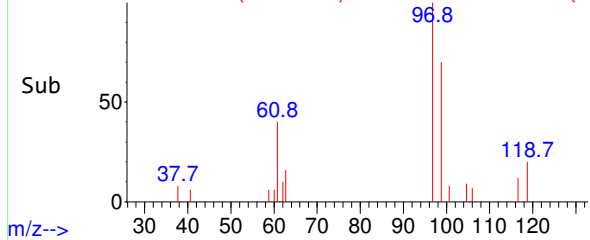
Abundance Scan 1251 (5.313 min): VU054841.D\data.ms



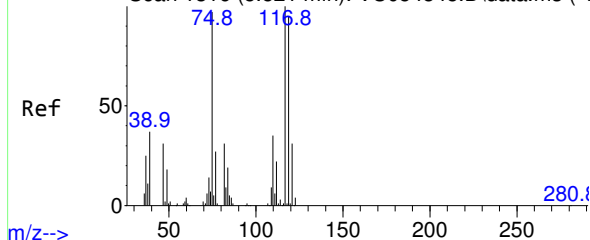
Abundance



Abundance Scan 1251 (5.313 min): VU054841.D\data.ms (-1



Abundance Scan 1316 (5.521 min): VU054845.D\data.ms (-1



#29

1,1-Dichloropropene

Concen: 0.42 ug/l

RT: 5.522 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VU054841.D

Acq: 21 Jul 2023 16:55

Tgt Ion: 75 Resp: 2872

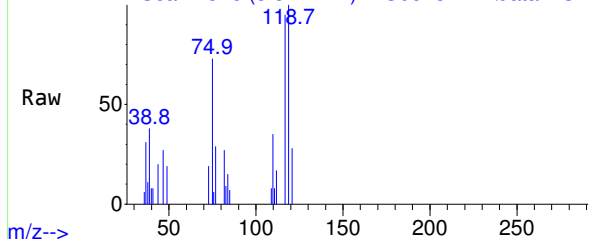
Ion Ratio Lower Upper

75 100

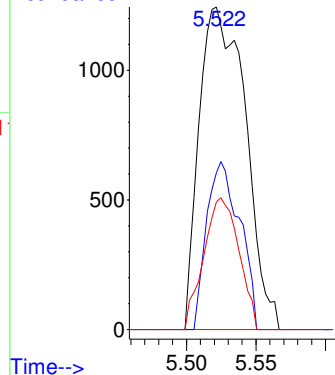
110 37.3 18.5 55.5

77 31.0 24.9 37.3

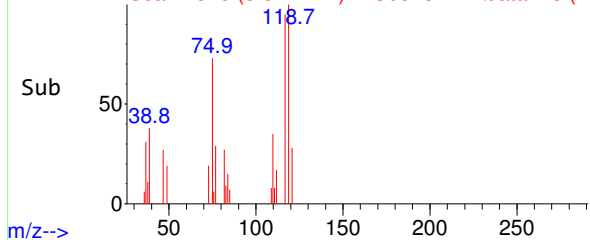
Abundance Scan 1316 (5.522 min): VU054841.D\data.ms

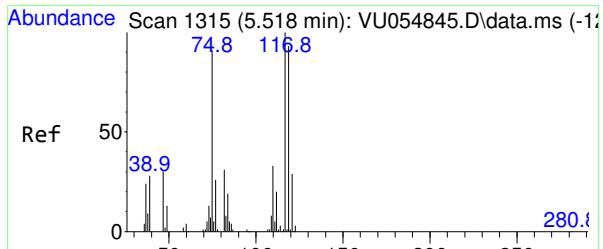


Abundance



Abundance Scan 1316 (5.522 min): VU054841.D\data.ms (-1

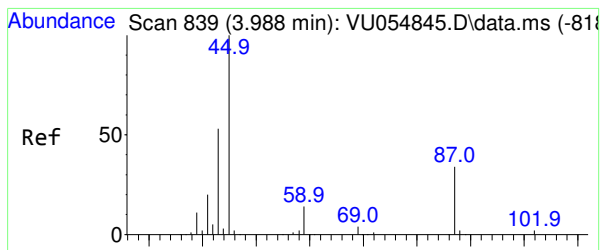
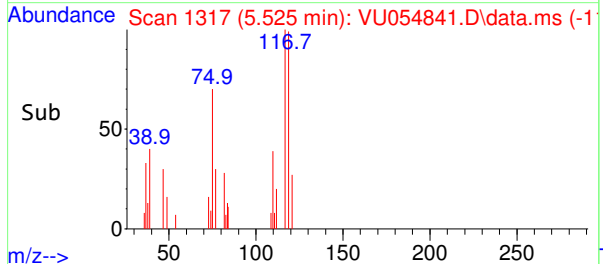
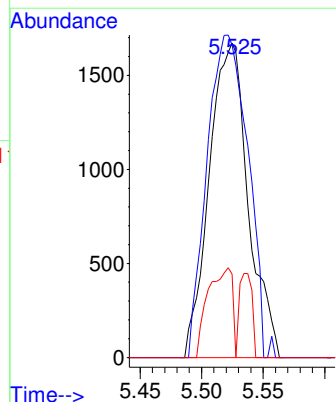
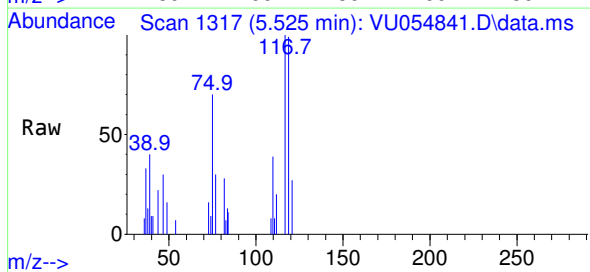




#30
Carbon Tetrachloride
Concen: 0.46 ug/l
RT: 5.525 min Scan# 1
Delta R.T. 0.007 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

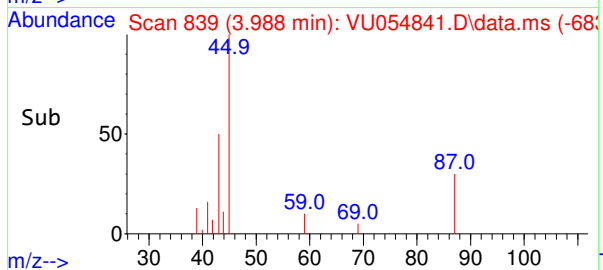
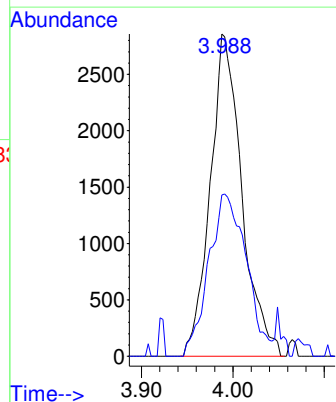
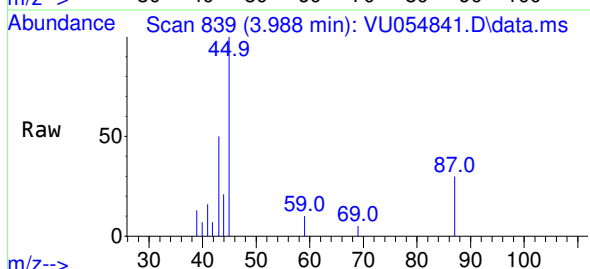
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

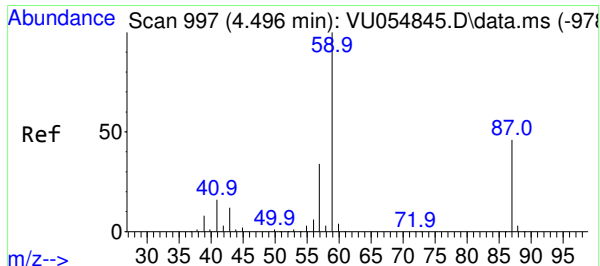
Tgt Ion: 117 Resp: 3675
Ion Ratio Lower Upper
117 100
119 99.5 75.6 113.4
121 26.5 23.4 35.0



#31
Isopropyl Ether
Concen: 0.45 ug/l
RT: 3.988 min Scan# 839
Delta R.T. 0.000 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion: 45 Resp: 6866
Ion Ratio Lower Upper
45 100
43 60.0 26.4 79.2

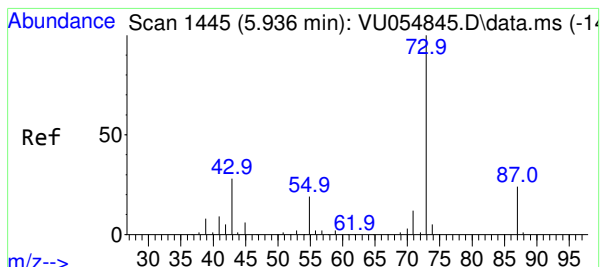
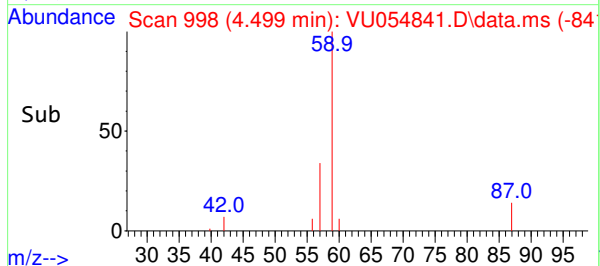
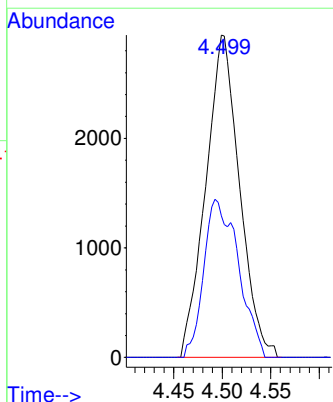
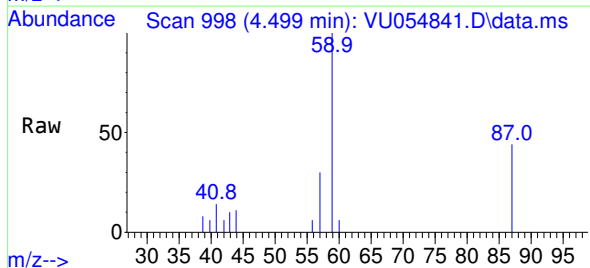




#32
Ethyl-t-butyl ether
Concen: 0.45 ug/l
RT: 4.499 min Scan# 997
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

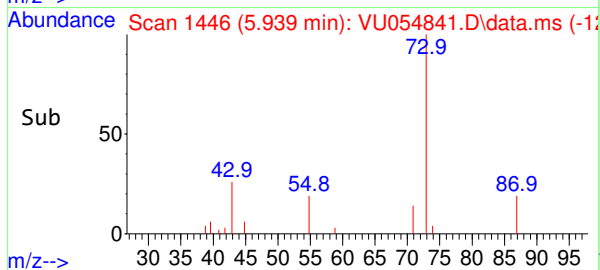
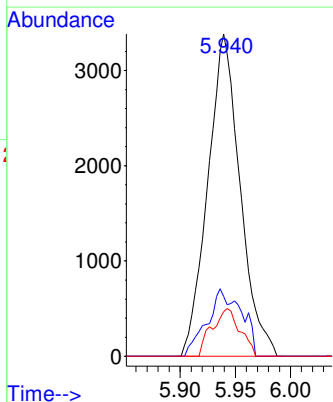
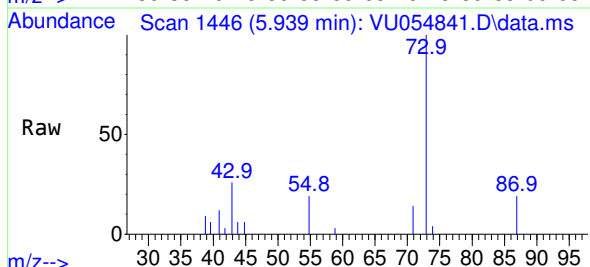
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

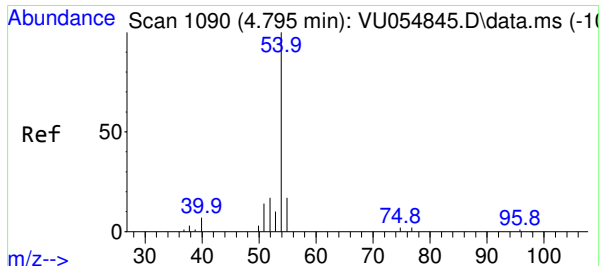
Tgt Ion: 59 Resp: 7124
Ion Ratio Lower Upper
59 100
87 50.3 35.7 53.5



#33
Tert-Amyl methyl ether
Concen: 0.47 ug/l
RT: 5.939 min Scan# 1446
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion: 73 Resp: 6871
Ion Ratio Lower Upper
73 100
87 22.3 19.6 29.4
71 12.8 9.1 13.7



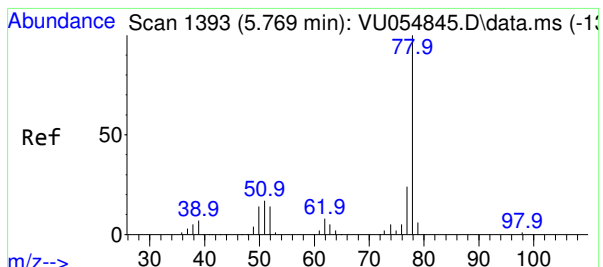
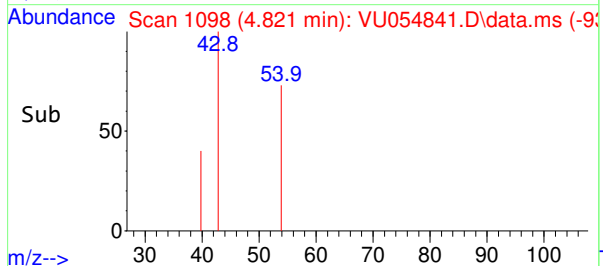
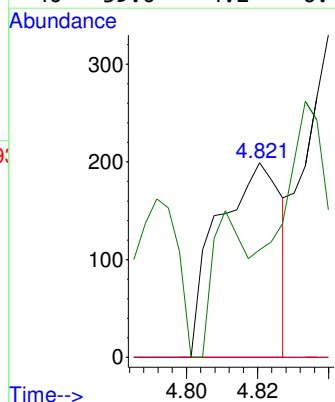
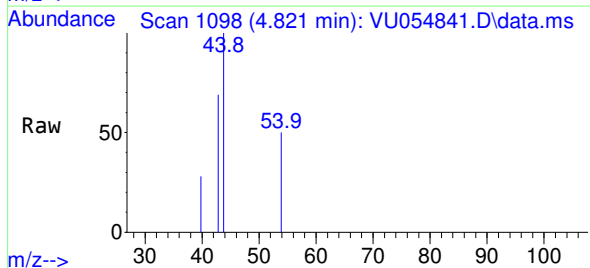


#34
 Propionitrile
 Concen: 0.57 ug/l
 RT: 4.821 min Scan# 1
 Delta R.T. 0.026 min
 Lab File: VU054841.D
 Acq: 21 Jul 2023 16:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 54 Resp: 246

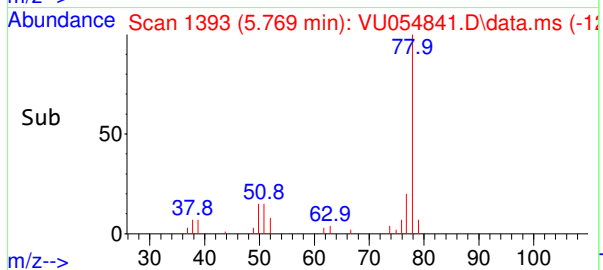
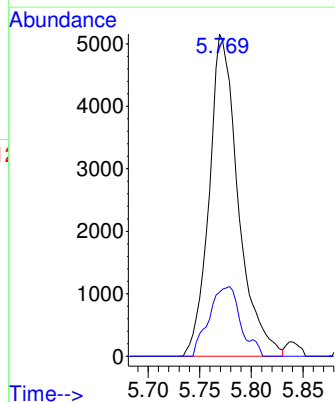
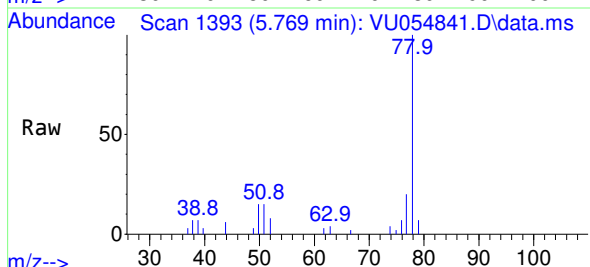
Ion	Ratio	Lower	Upper
54	100		
52	0.0	13.8	20.8#
55	0.0	4.8	7.2#
40	39.0	4.2	6.4#

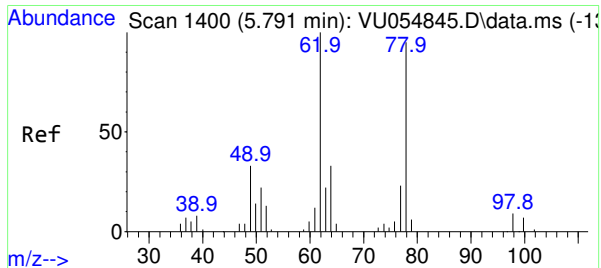


#35
 Benzene
 Concen: 0.46 ug/l
 RT: 5.769 min Scan# 1393
 Delta R.T. 0.000 min
 Lab File: VU054841.D
 Acq: 21 Jul 2023 16:55

Tgt Ion: 78 Resp: 10083

Ion	Ratio	Lower	Upper
78	100		
77	19.8	19.4	29.2

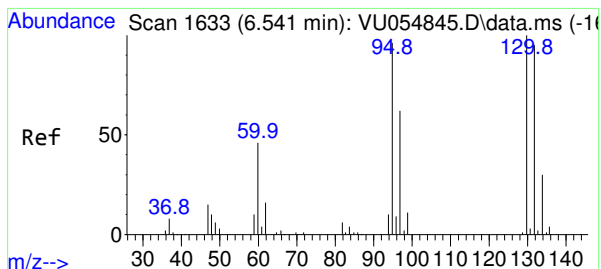
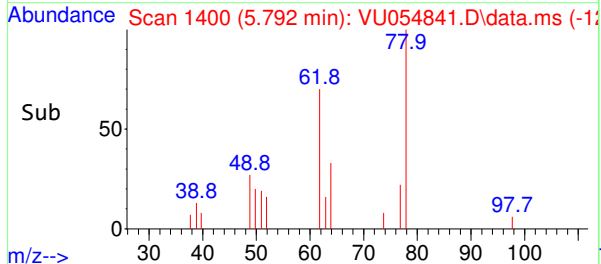
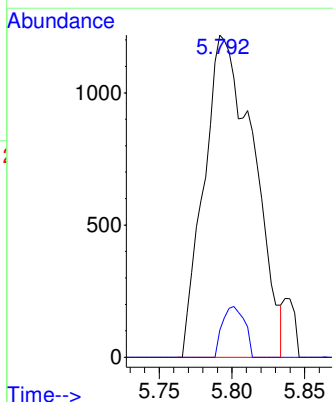
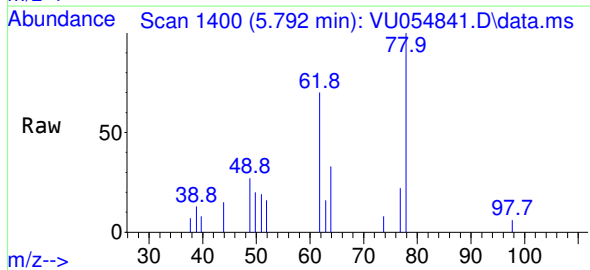




#36
1,2-Dichloroethane
Concen: 0.45 ug/l
RT: 5.792 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

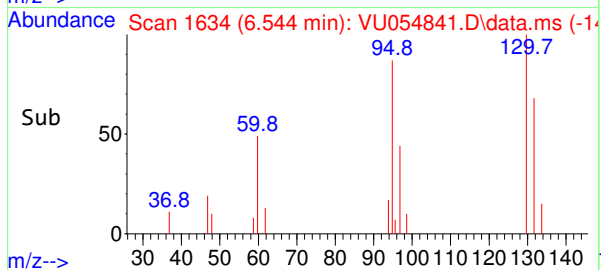
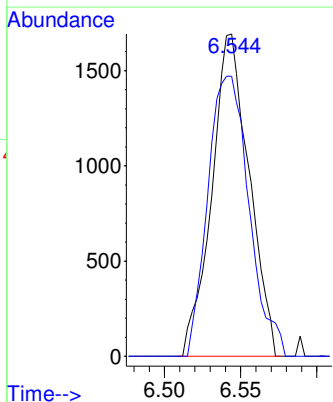
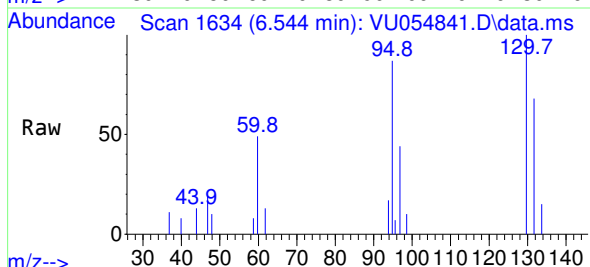
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

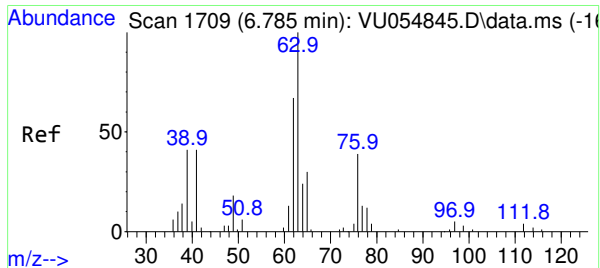
Tgt Ion: 62 Resp: 2876
Ion Ratio Lower Upper
62 100
98 7.1 7.8 11.8#



#37
Trichloroethene
Concen: 0.48 ug/l
RT: 6.544 min Scan# 1634
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion:130 Resp: 2882
Ion Ratio Lower Upper
130 100
95 93.6 76.8 115.2

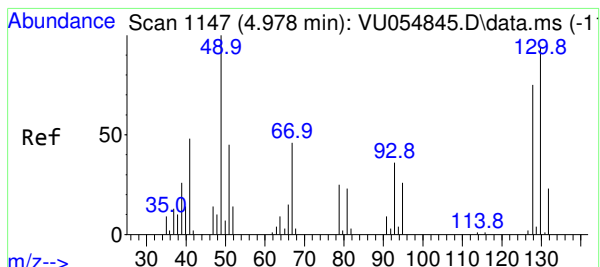
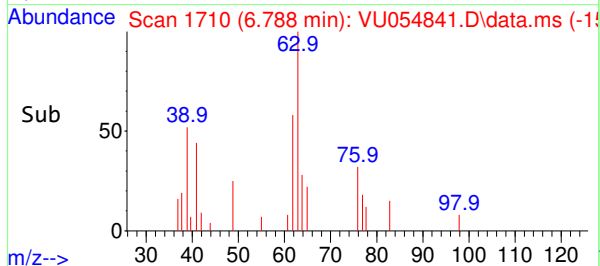
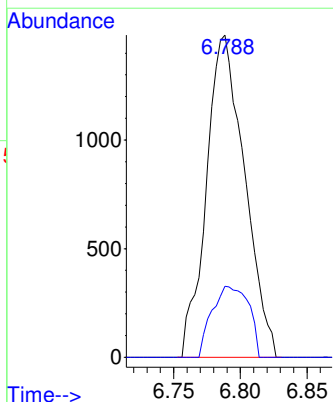
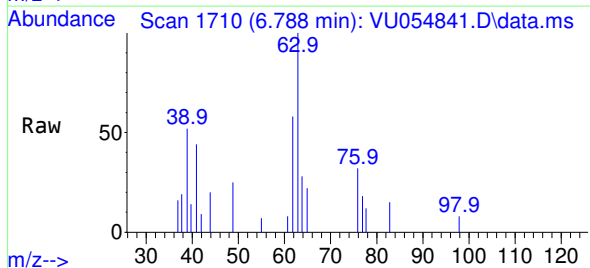




#38
1,2-Dichloropropane
Concen: 0.47 ug/l
RT: 6.788 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

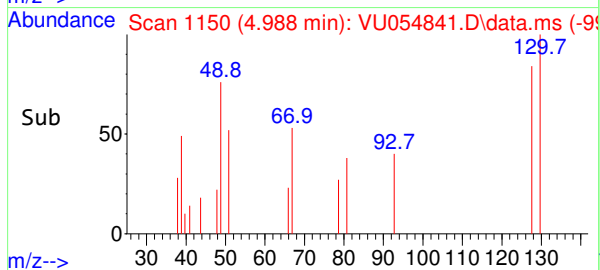
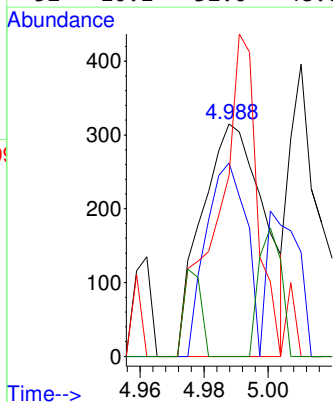
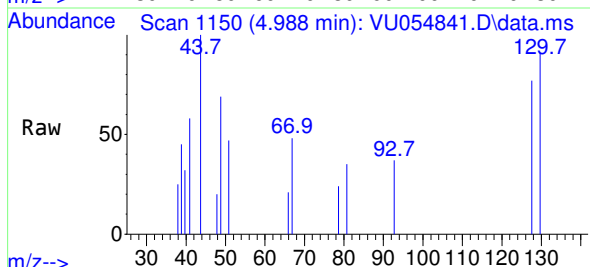
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

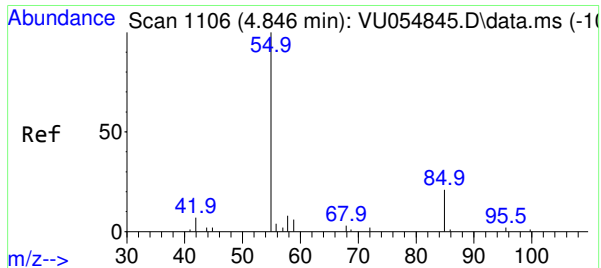
Tgt Ion: 63 Resp: 2956
Ion Ratio Lower Upper
63 100
65 22.0 24.3 36.5#



#39
Methacrylonitrile
Concen: 0.27 ug/l
RT: 4.988 min Scan# 1150
Delta R.T. 0.010 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion: 41 Resp: 427
Ion Ratio Lower Upper
41 100
67 53.9 77.0 115.4#
39 90.9 50.4 75.6#
52 10.1 32.0 48.0#

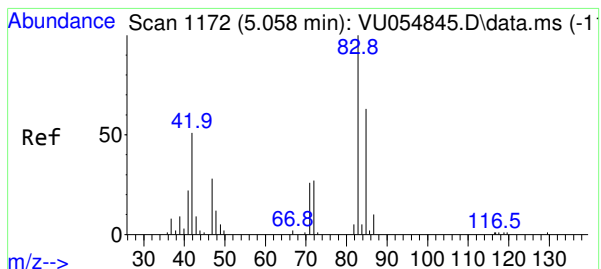
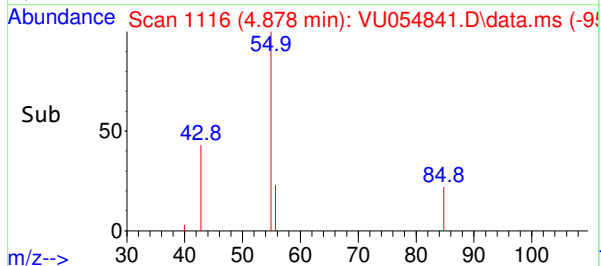
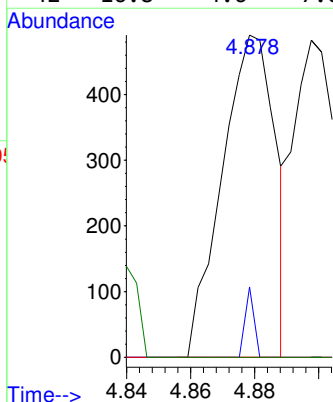
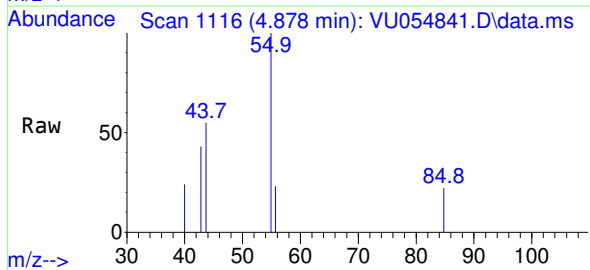




#40
Methyl acrylate
Concen: 0.21 ug/l
RT: 4.878 min Scan# 1116
Delta R.T. 0.032 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

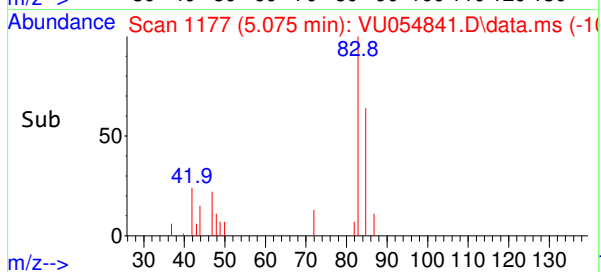
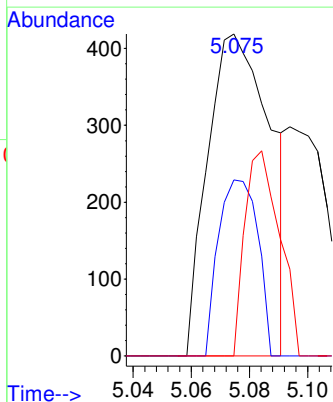
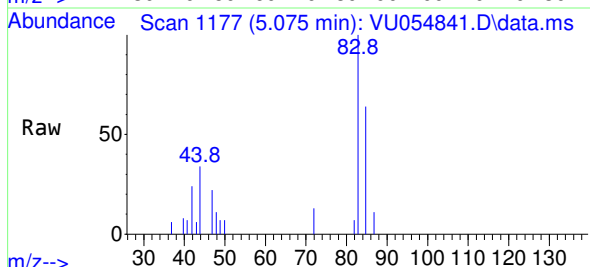
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

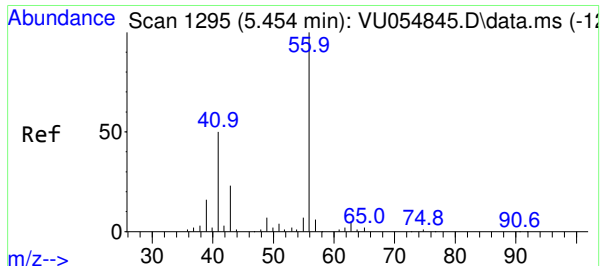
Tgt Ion: 55 Resp: 564
Ion Ratio Lower Upper
55 100
85 0.0 13.0 19.6#
58 0.0 5.7 8.5#
42 16.8 4.6 7.0#



#41
Tetrahydrofuran
Concen: 0.68 ug/l
RT: 5.075 min Scan# 1177
Delta R.T. 0.016 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion: 42 Resp: 623
Ion Ratio Lower Upper
42 100
72 34.5 42.1 63.1#
71 35.6 39.7 59.5#

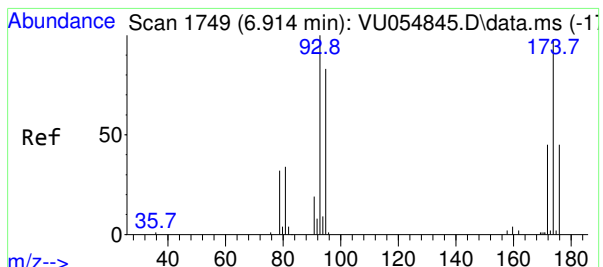
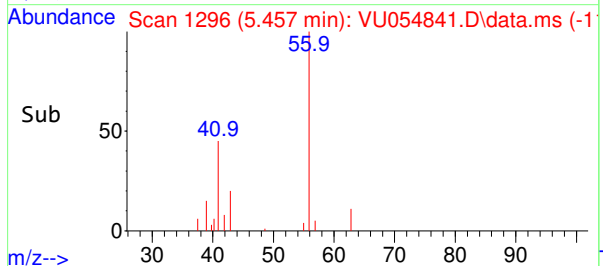
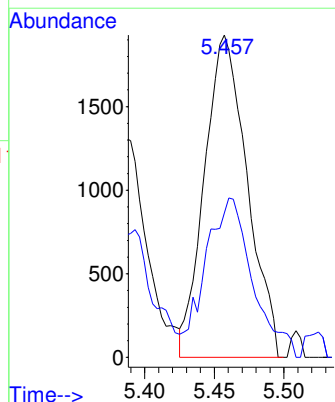
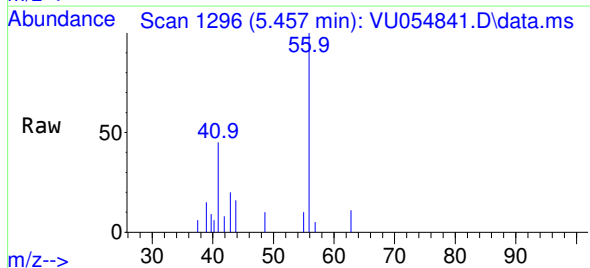




#42
1-Chlorobutane
Concen: 0.45 ug/l
RT: 5.457 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

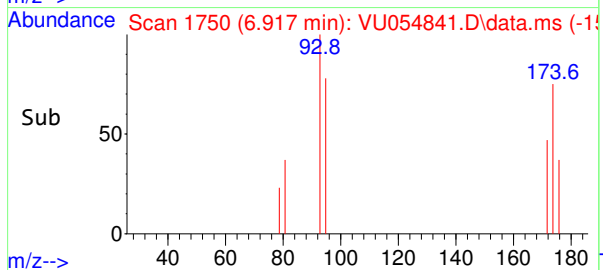
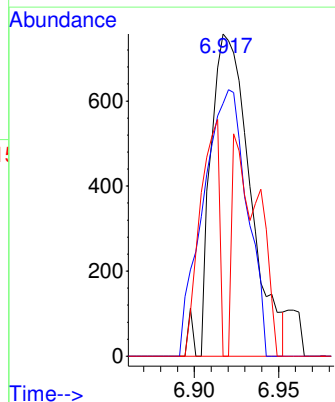
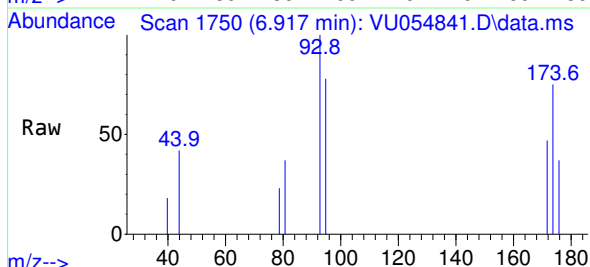
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

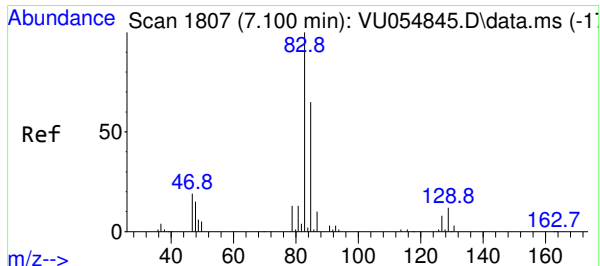
Tgt Ion: 56 Resp: 4112
Ion Ratio Lower Upper
56 100
41 54.6 23.9 71.7



#43
Dibromomethane
Concen: 0.42 ug/l
RT: 6.917 min Scan# 1750
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion: 93 Resp: 1242
Ion Ratio Lower Upper
93 100
95 91.4 64.7 97.1
174 26.5 74.4 111.6#

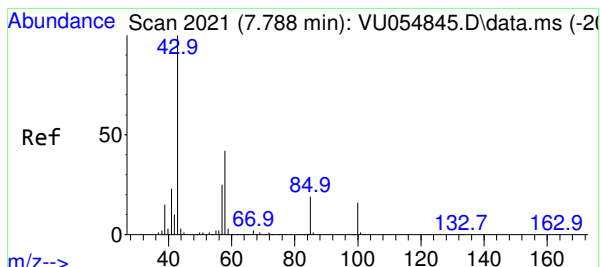
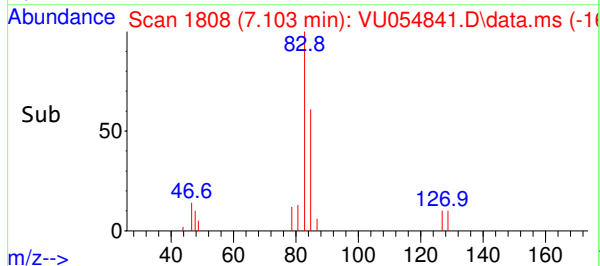
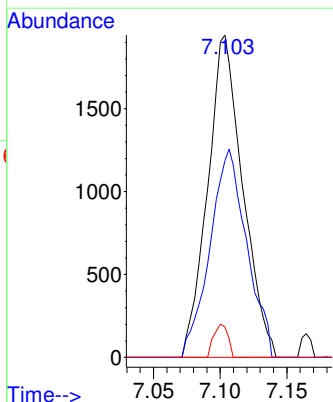
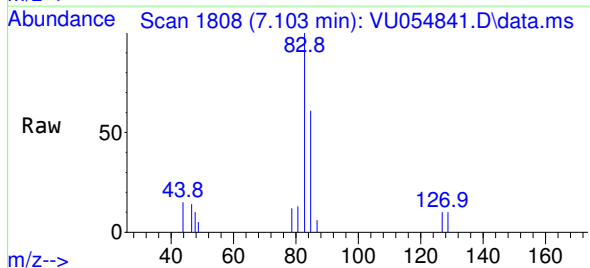




#44
Bromodichloromethane
Concen: 0.44 ug/l
RT: 7.103 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

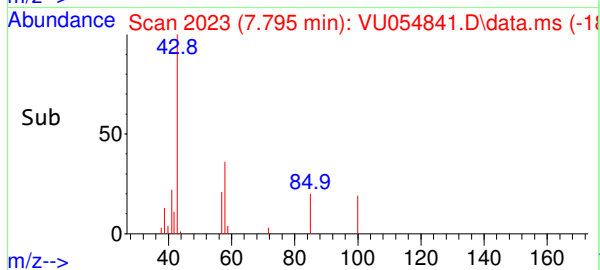
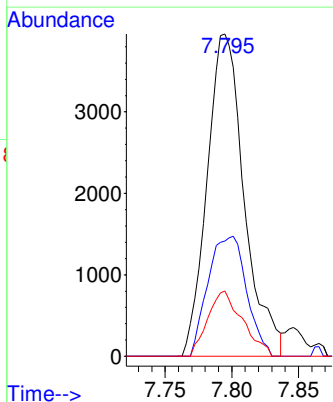
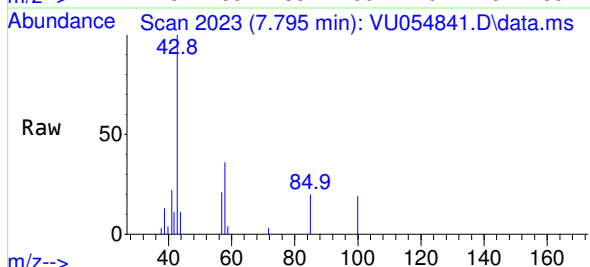
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 83 Resp: 3560
Ion Ratio Lower Upper
83 100
85 61.0 52.2 78.2
127 9.5 6.1 9.1#

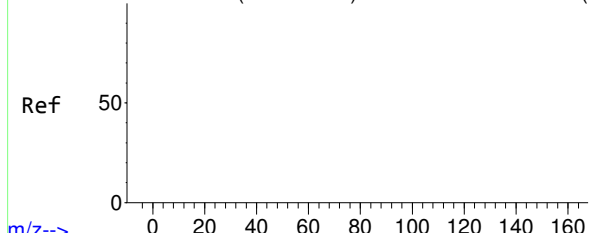


#45
4-Methyl-2-Pentanone
Concen: 2.19 ug/l
RT: 7.795 min Scan# 2023
Delta R.T. 0.007 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion: 43 Resp: 7652
Ion Ratio Lower Upper
43 100
58 38.6 21.3 63.7
85 19.0 15.3 22.9

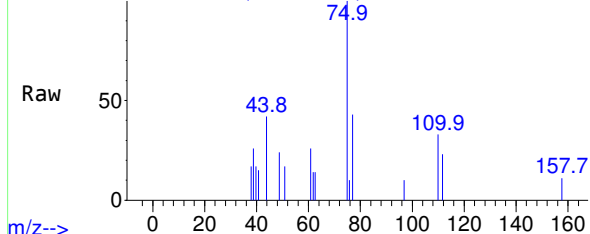


Abundance Scan 2967 (10.830 min): VU054845.D\data.ms (-1



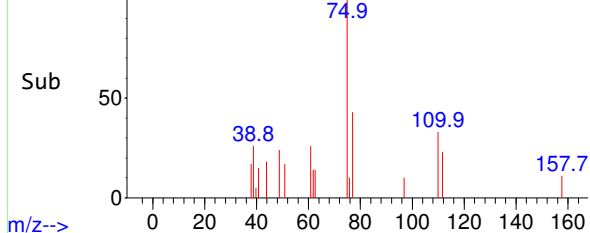
m/z-->

Abundance Scan 2965 (10.824 min): VU054841.D\data.ms (-1



m/z-->

Abundance Scan 2965 (10.824 min): VU054841.D\data.ms (-1

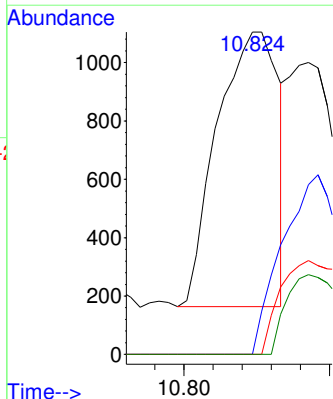


m/z-->

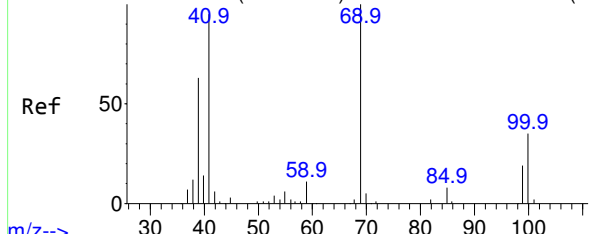
#46
t-1,4-Dichloro-2-butene
Concen: 0.93 ug/l
RT: 10.824 min Scan# 2965
Delta R.T. -0.006 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:	75	Resp:	1370
Ion	Ratio	Lower	Upper
75	100		
53	75.0	62.9	94.3
89	39.1	47.8	71.8#
88	26.2	32.3	48.5#

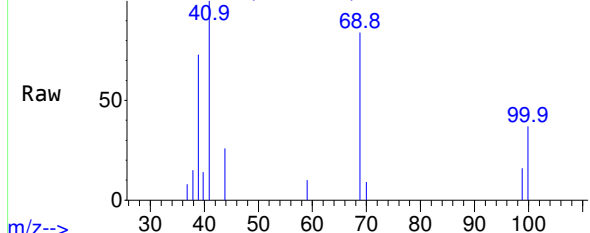


Abundance Scan 1762 (6.955 min): VU054845.D\data.ms (-1



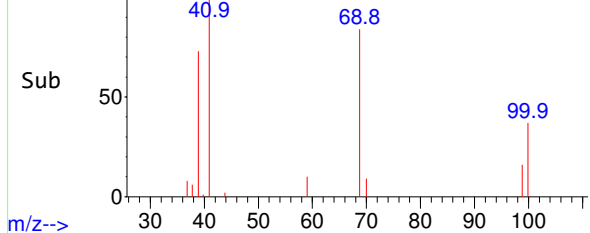
m/z-->

Abundance Scan 1766 (6.968 min): VU054841.D\data.ms (-1



m/z-->

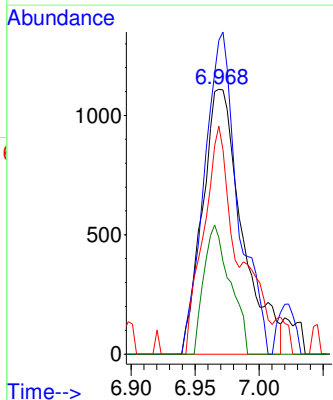
Abundance Scan 1766 (6.968 min): VU054841.D\data.ms (-1

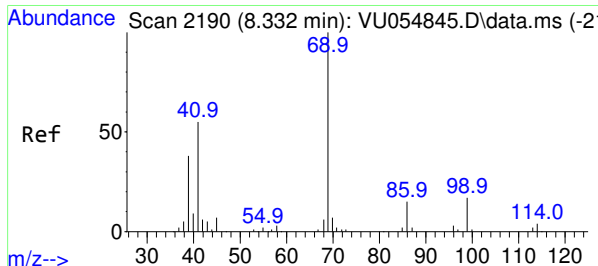


m/z-->

#47
Methyl methacrylate
Concen: 0.86 ug/l
RT: 6.968 min Scan# 1766
Delta R.T. 0.013 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion:	69	Resp:	2398
Ion	Ratio	Lower	Upper
69	100		
41	103.0	0.0	193.0
39	76.5	50.4	75.6#
100	32.2	28.8	43.2

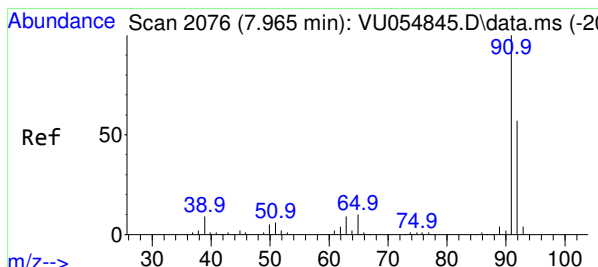
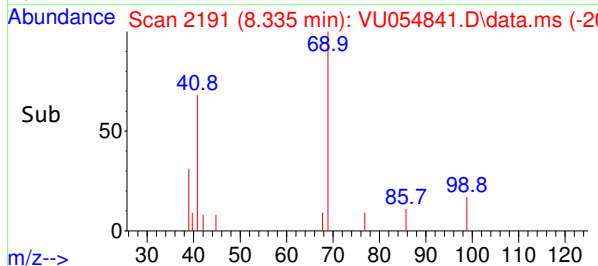
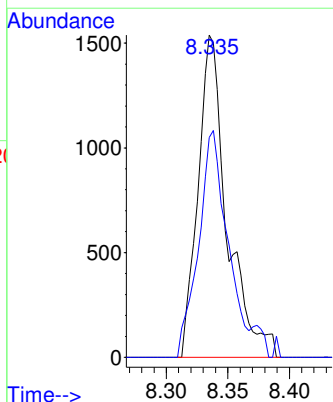
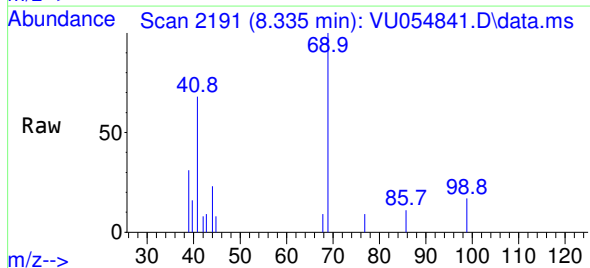




#48
Ethyl methacrylate
Concen: 0.45 ug/l
RT: 8.335 min Scan# 2191
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

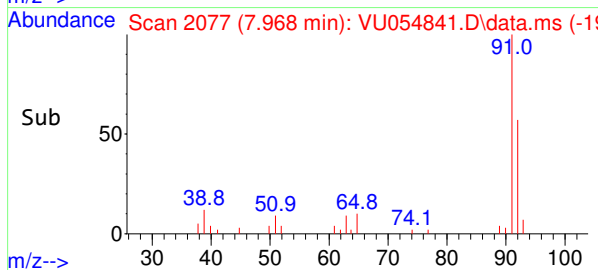
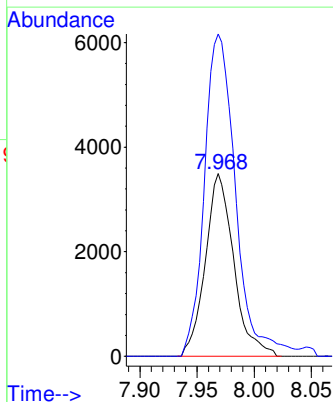
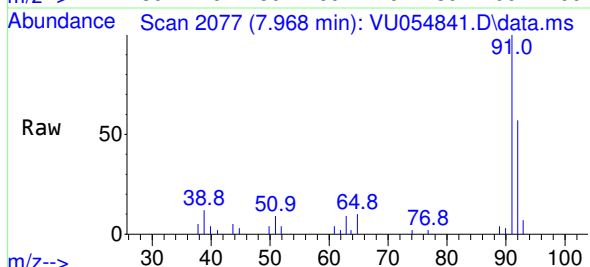
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

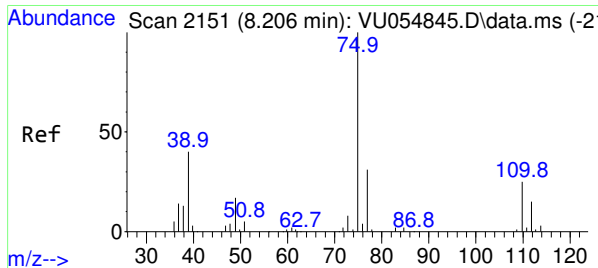
Tgt Ion: 69 Resp: 2514
Ion Ratio Lower Upper
69 100
41 70.1 28.8 86.5



#49
Toluene
Concen: 0.43 ug/l
RT: 7.968 min Scan# 2077
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion: 92 Resp: 6055
Ion Ratio Lower Upper
92 100
91 193.0 142.9 214.3

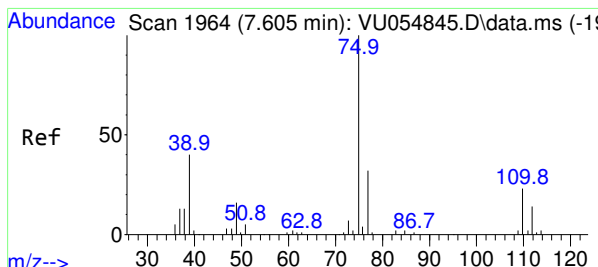
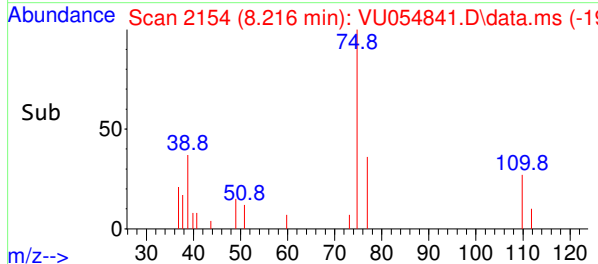
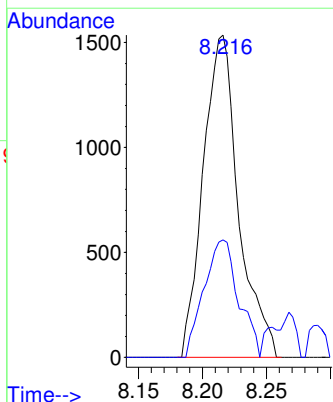
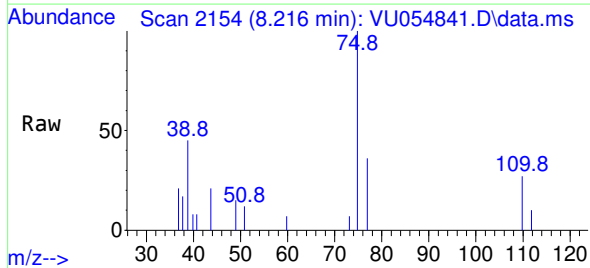




#50
t-1,3-Dichloropropene
Concen: 0.41 ug/l
RT: 8.216 min Scan# 2154
Delta R.T. 0.010 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

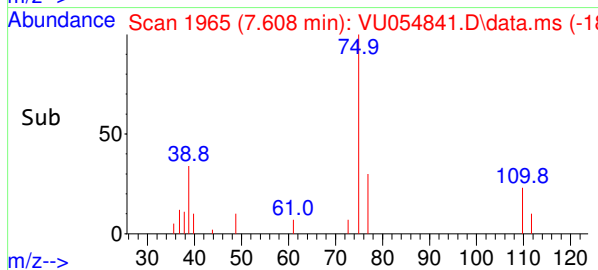
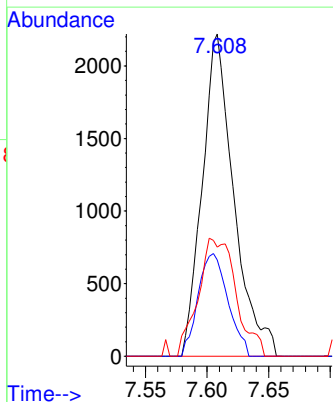
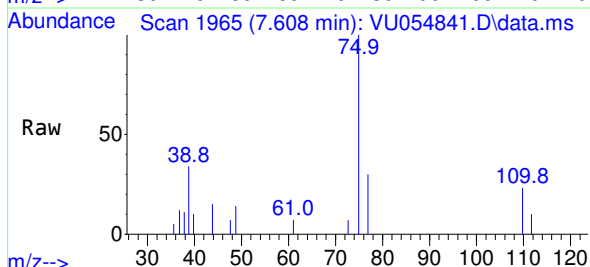
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

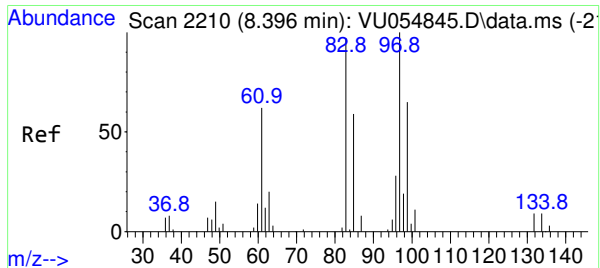
Tgt Ion: 75 Resp: 2946
Ion Ratio Lower Upper
75 100
77 36.5 24.9 37.3



#51
cis-1,3-Dichloropropene
Concen: 0.45 ug/l
RT: 7.608 min Scan# 1965
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion: 75 Resp: 3966
Ion Ratio Lower Upper
75 100
77 29.9 25.8 38.8
39 33.9 31.7 47.5



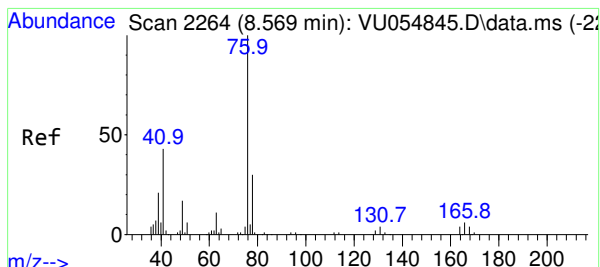
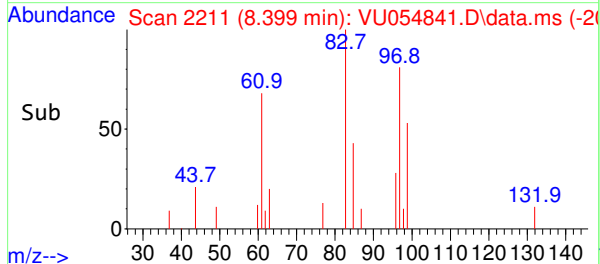
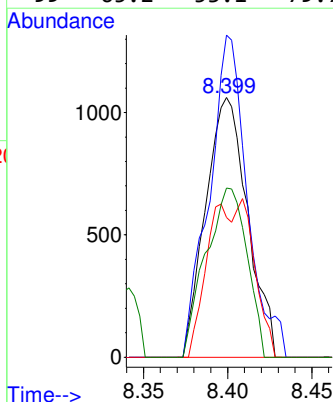
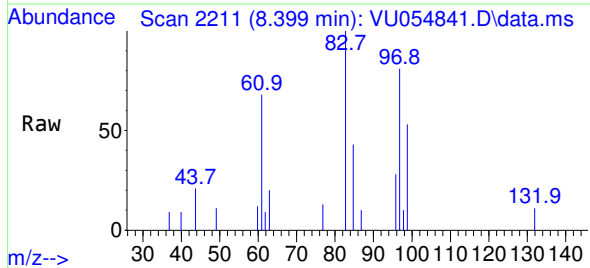


#52
1,1,2-Trichloroethane
Concen: 0.41 ug/l
RT: 8.399 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion: 97 Resp: 1841

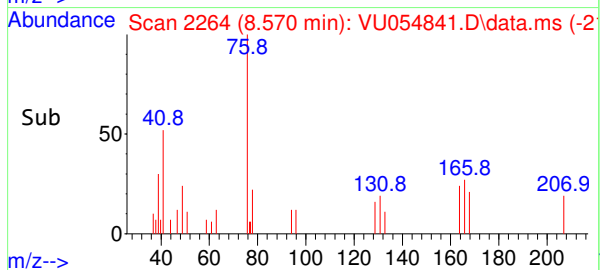
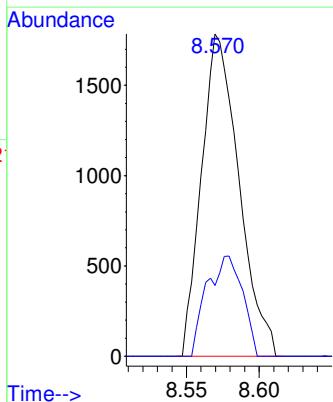
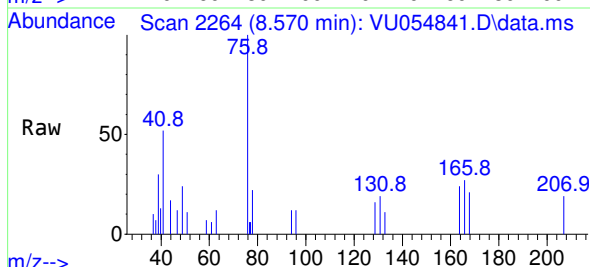
Ion	Ratio	Lower	Upper
97	100		
83	124.0	77.4	116.2#
85	53.8	47.8	71.8
99	65.2	53.1	79.7

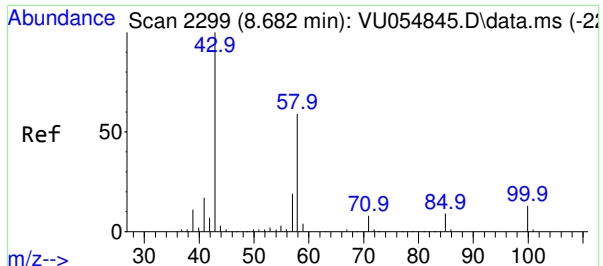


#53
1,3-Dichloropropane
Concen: 0.42 ug/l
RT: 8.570 min Scan# 2264
Delta R.T. 0.000 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion: 76 Resp: 3191

Ion	Ratio	Lower	Upper
76	100		
78	29.5	24.6	36.8

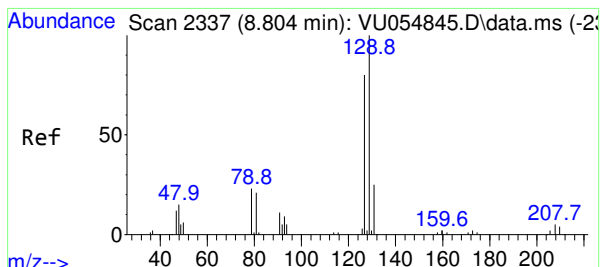
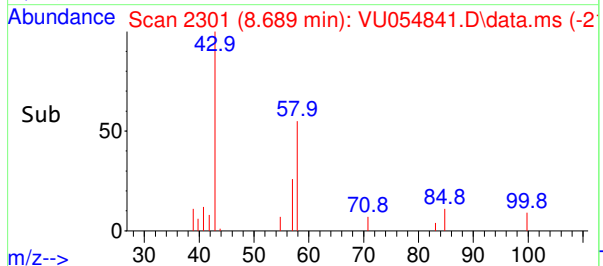
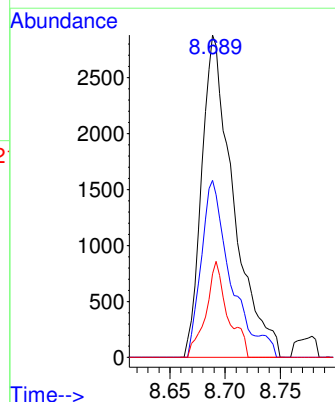
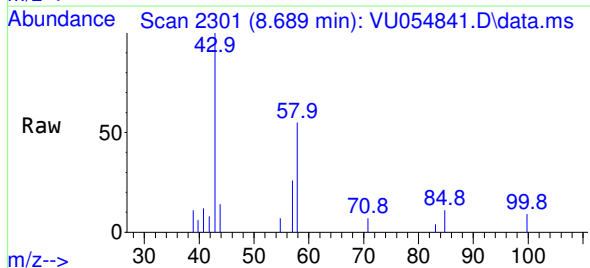




#54
2-Hexanone
Concen: 2.35 ug/l
RT: 8.689 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

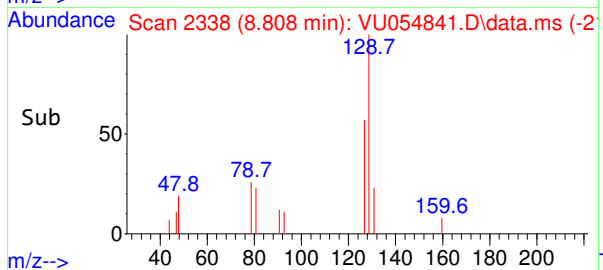
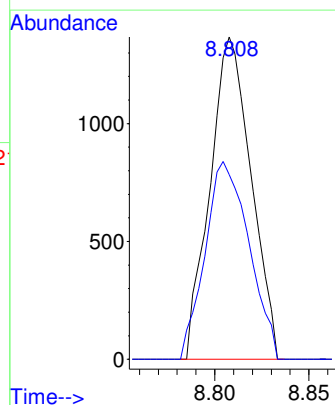
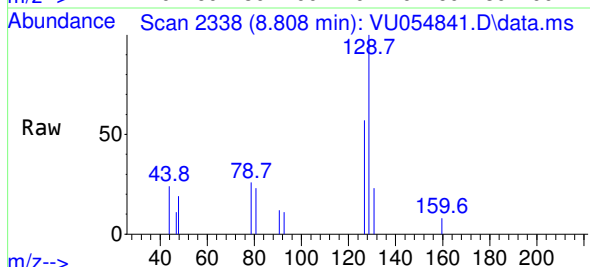
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

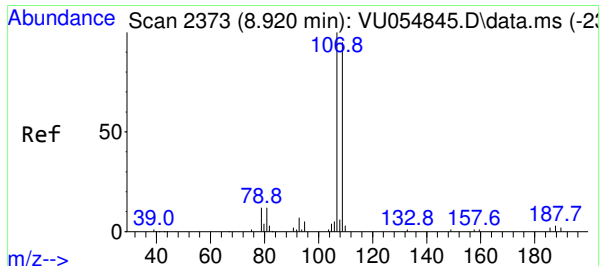
Tgt Ion:	43	Resp:	5742
Ion	Ratio	Lower	Upper
43	100		
58	51.5	38.9	78.9
57	20.7	0.0	38.7



#55
Dibromochloromethane
Concen: 0.39 ug/l
RT: 8.808 min Scan# 2338
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion:	129	Resp:	2080
Ion	Ratio	Lower	Upper
129	100		
127	65.3	61.4	92.0

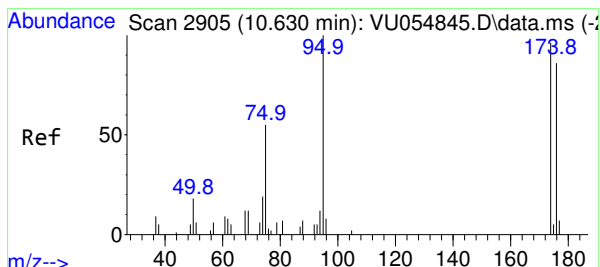
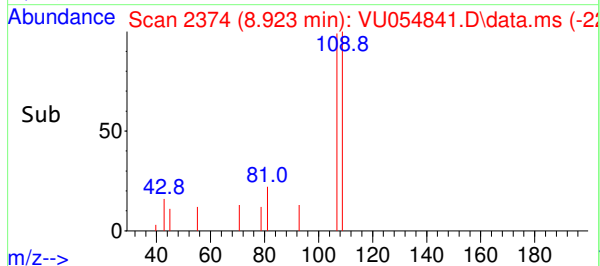
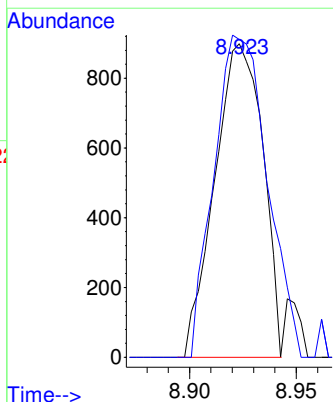
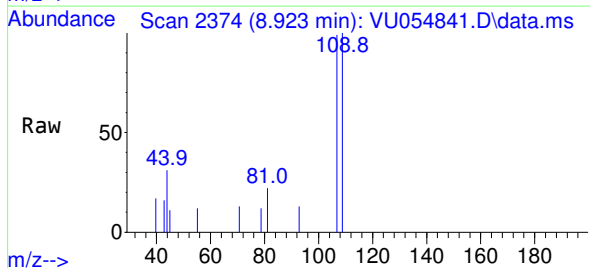




#56
1,2-Dibromoethane
Concen: 0.36 ug/l
RT: 8.923 min Scan# 2
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

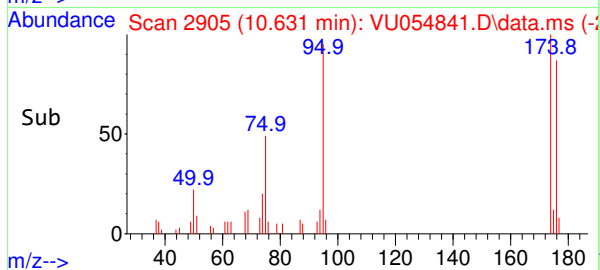
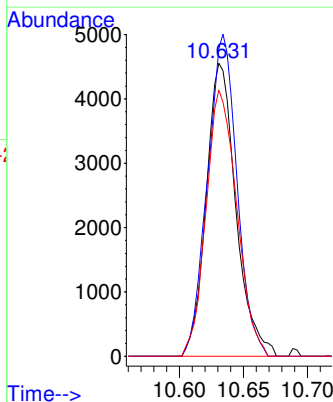
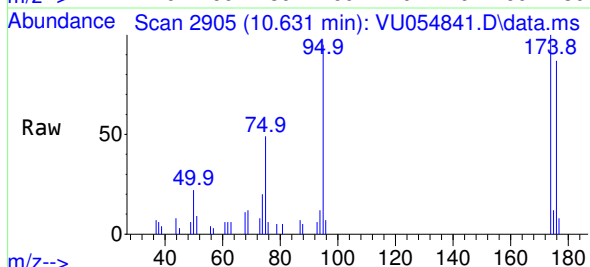
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

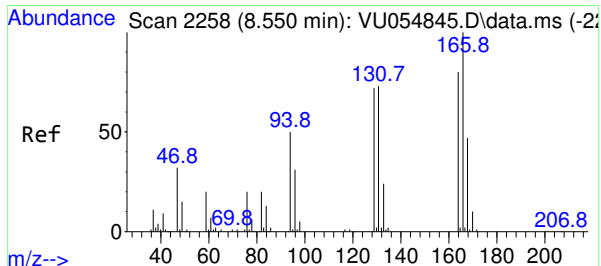
Tgt Ion:107 Resp: 1412
Ion Ratio Lower Upper
107 100
109 113.5 0.0 185.4



#57
4-Bromofluorobenzene
Concen: 0.96 ug/l
RT: 10.631 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion: 95 Resp: 7355
Ion Ratio Lower Upper
95 100
174 109.1 79.3 118.9
176 93.8 71.5 107.3



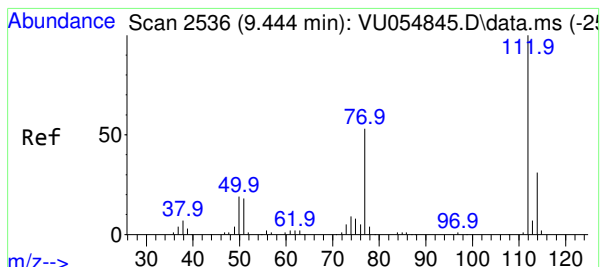
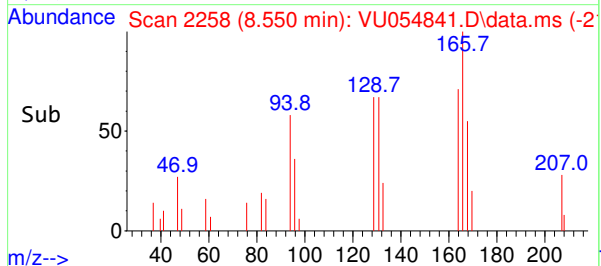
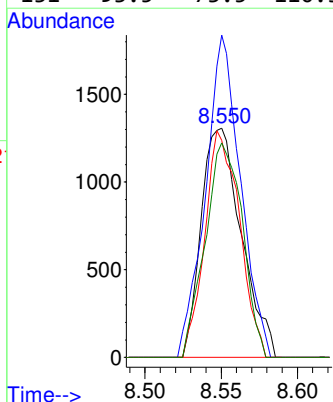
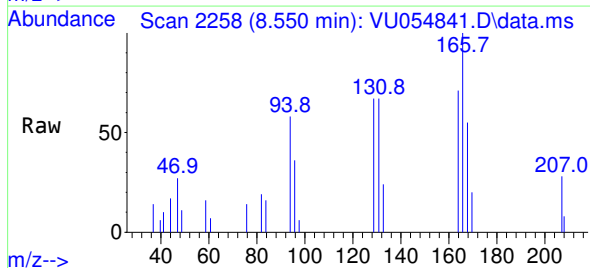


#58
Tetrachloroethene
Concen: 0.46 ug/l
RT: 8.550 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tgt Ion:164 Resp: 2403

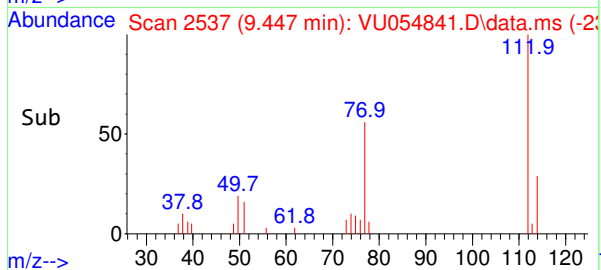
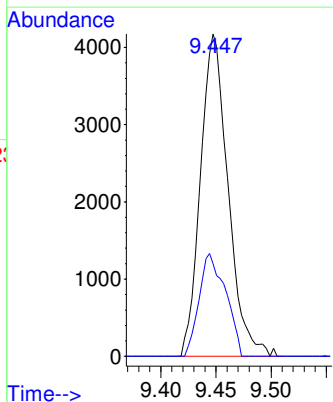
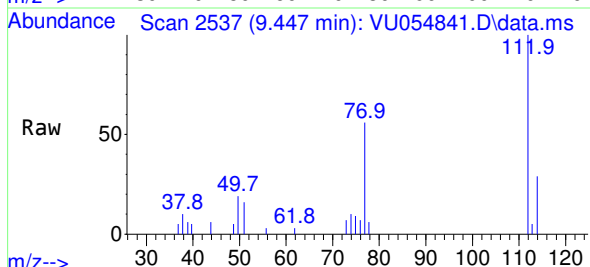
Ion	Ratio	Lower	Upper
164	100		
166	140.6	100.4	150.6
129	94.6	71.9	107.9
131	93.5	73.5	110.3

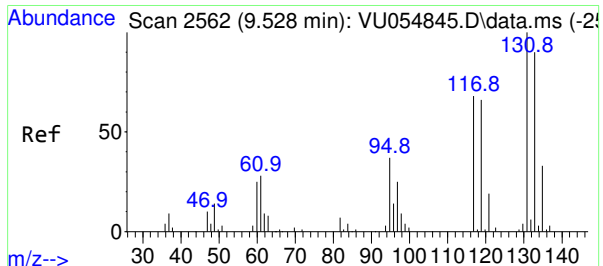


#59
Chlorobenzene
Concen: 0.43 ug/l
RT: 9.447 min Scan# 2537
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion:112 Resp: 7263

Ion	Ratio	Lower	Upper
112	100		
114	28.7	25.0	37.6

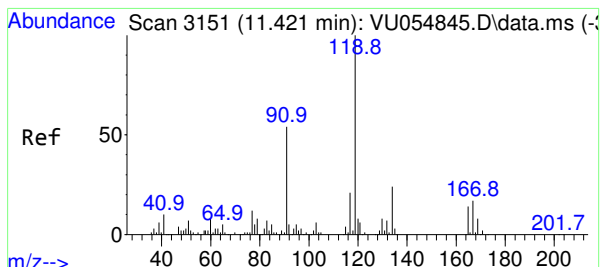
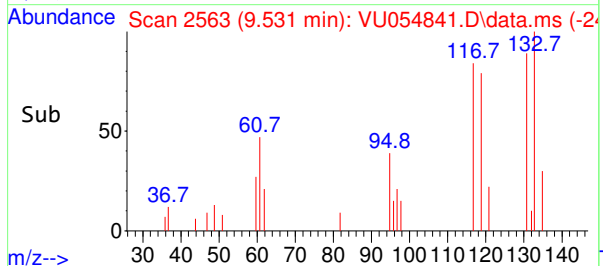
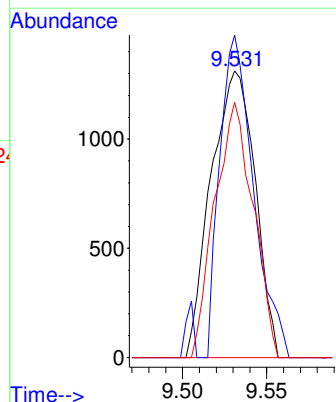
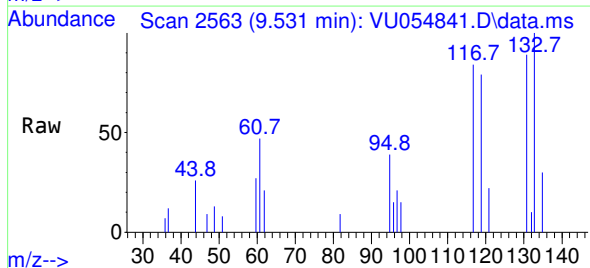




#60
1,1,1,2-Tetrachloroethane
Concen: 0.40 ug/l
RT: 9.531 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

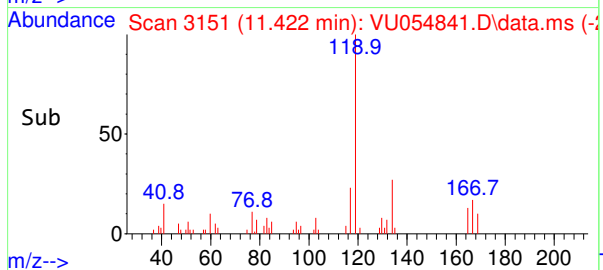
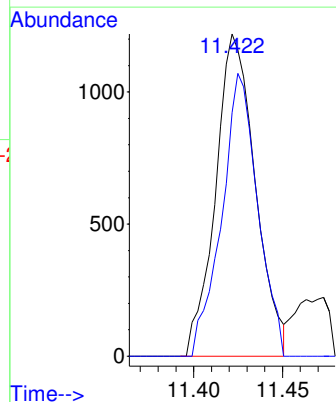
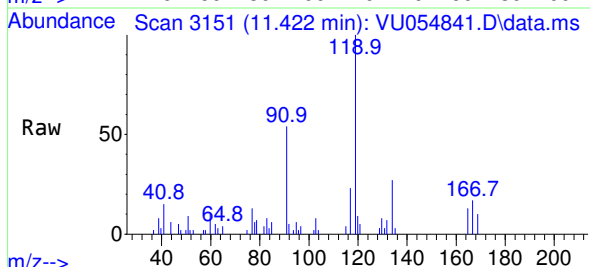
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

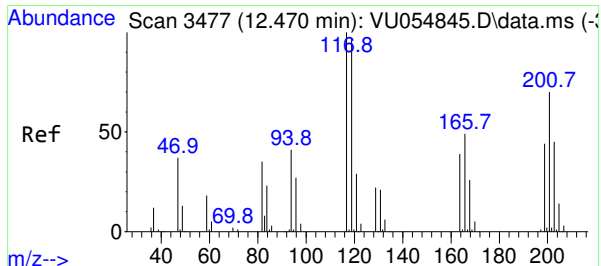
Tgt Ion:131 Resp: 2383
Ion Ratio Lower Upper
131 100
133 86.4 74.2 111.4
119 78.1 51.0 76.4#



#61
Pentachloroethane
Concen: 0.41 ug/l
RT: 11.422 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion:117 Resp: 1892
Ion Ratio Lower Upper
117 100
167 79.5 65.3 97.9

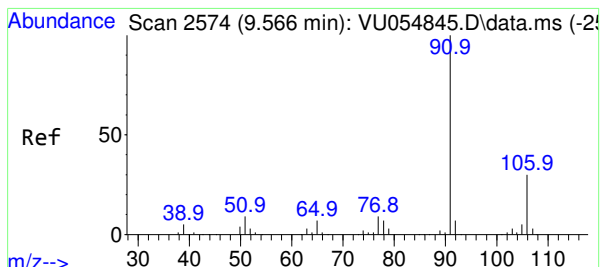
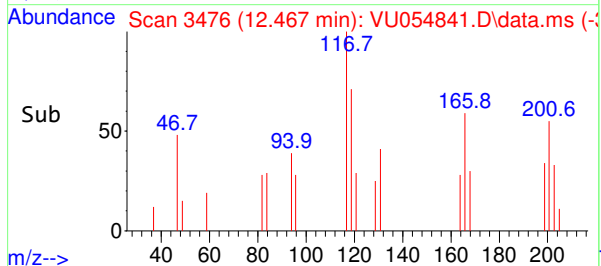
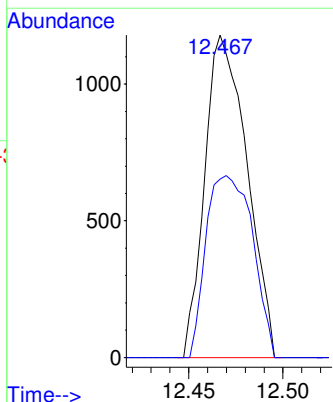
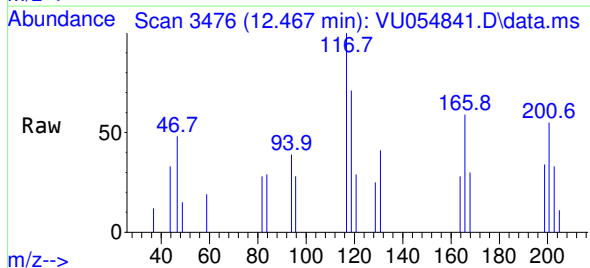




#62
Hexachloroethane
Concen: 0.38 ug/l
RT: 12.467 min Scan# 3476
Delta R.T. -0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

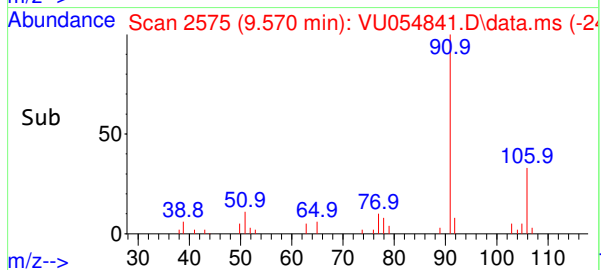
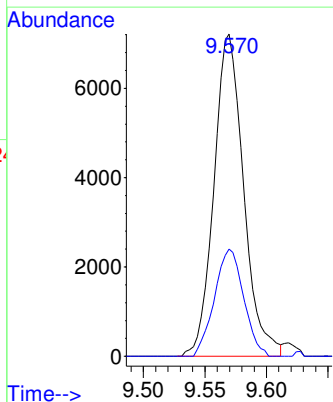
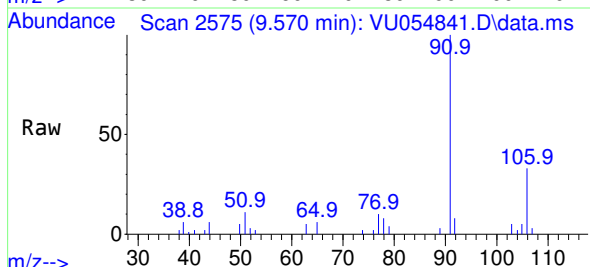
Instrument : MSVOA_U
ClientSampleId : VSTDIC0.5

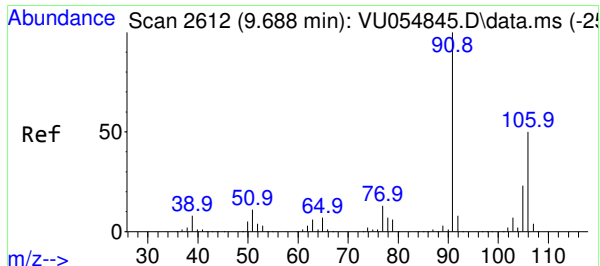
Tgt Ion: 117 Resp: 1839
Ion Ratio Lower Upper
117 100
201 62.3 56.1 84.1



#63
Ethyl Benzene
Concen: 0.42 ug/l
RT: 9.570 min Scan# 2575
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion: 91 Resp: 12107
Ion Ratio Lower Upper
91 100
106 33.2 24.2 36.2

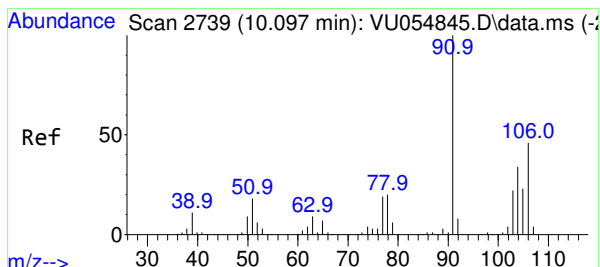
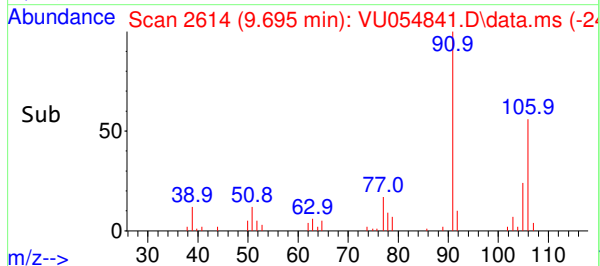
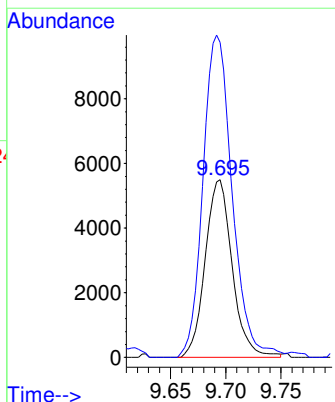
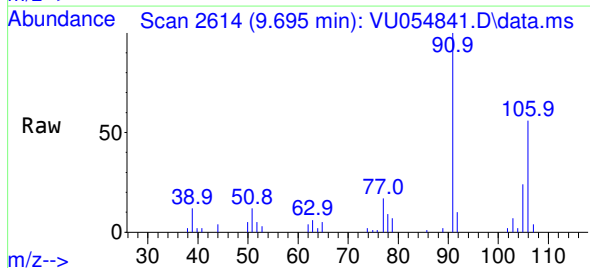




#64
m/p-Xylenes
Concen: 0.87 ug/l
RT: 9.695 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

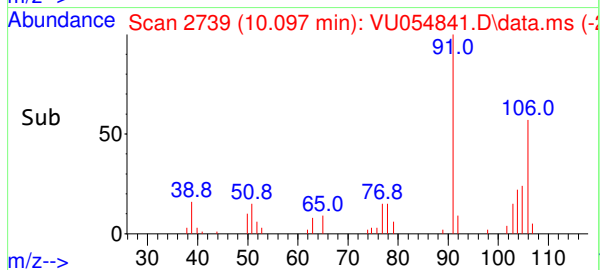
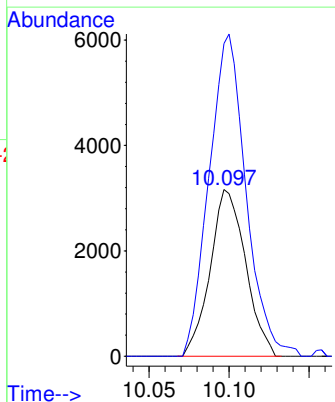
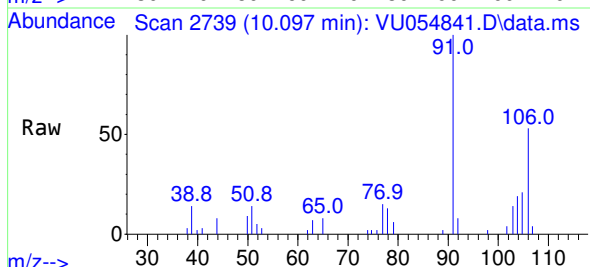
Instrument : MSVOA_U
ClientSampleId : VSTDIC0.5

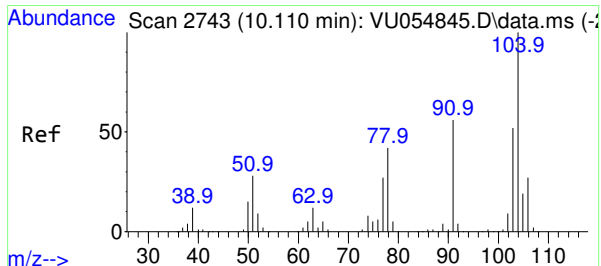
Tgt Ion:106 Resp: 9375
Ion Ratio Lower Upper
106 100
91 195.7 158.8 238.2



#65
o-Xylene
Concen: 0.45 ug/l
RT: 10.097 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion:106 Resp: 4873
Ion Ratio Lower Upper
106 100
91 201.7 108.9 326.8

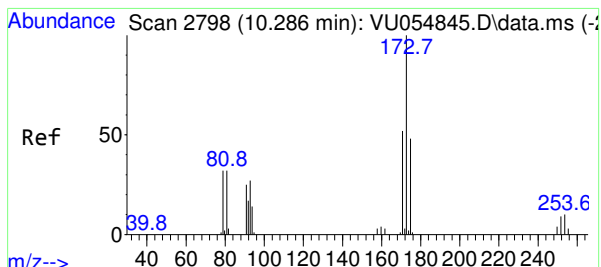
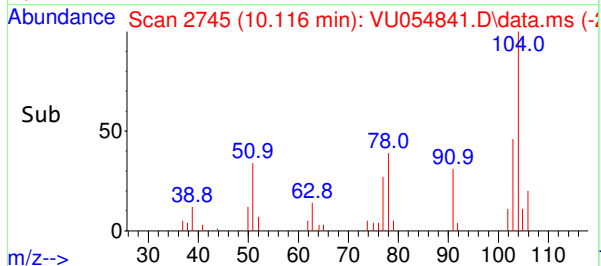
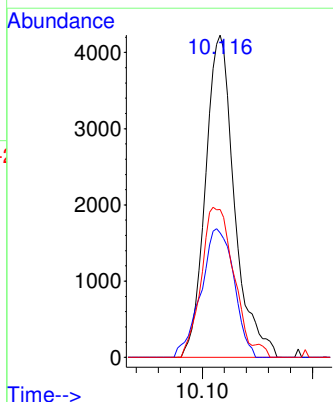
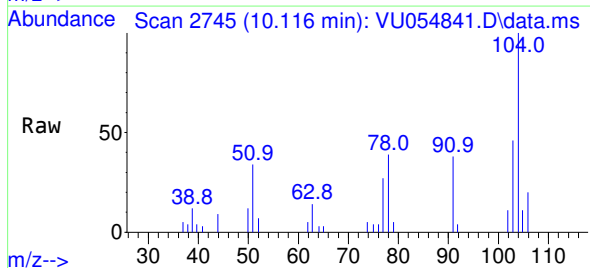




#66
Styrene
Concen: 0.44 ug/l
RT: 10.116 min Scan# 2745
Delta R.T. 0.007 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

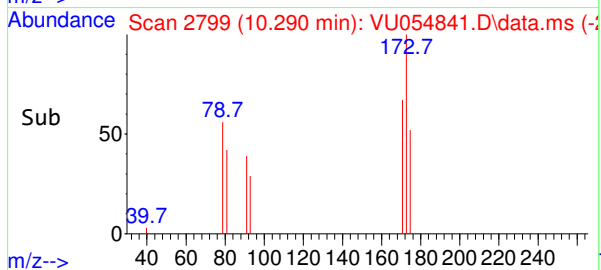
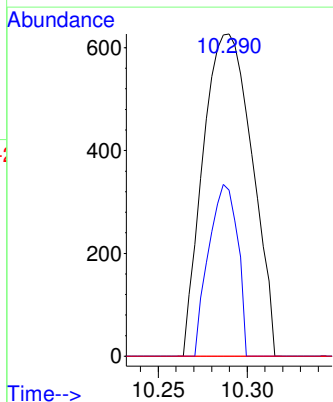
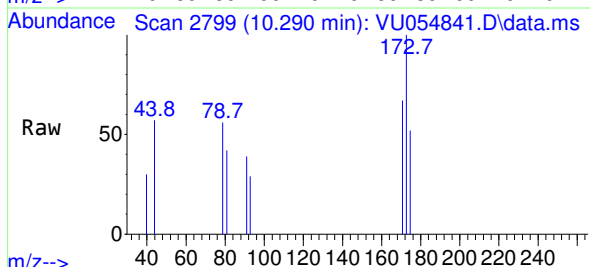
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

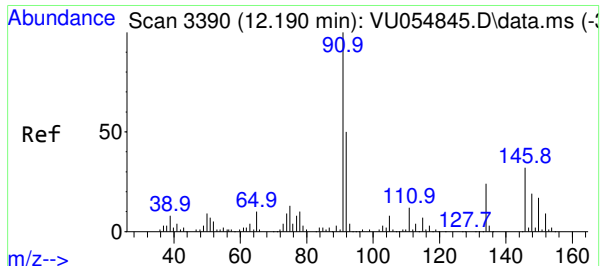
Tgt Ion:104 Resp: 7709
Ion Ratio Lower Upper
104 100
78 45.4 37.5 56.3
103 52.8 45.2 67.8



#67
Bromoform
Concen: 0.42 ug/l
RT: 10.290 min Scan# 2799
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion:173 Resp: 1201
Ion Ratio Lower Upper
173 100
175 31.2 39.0 58.6#
254 0.0 7.4 11.0#

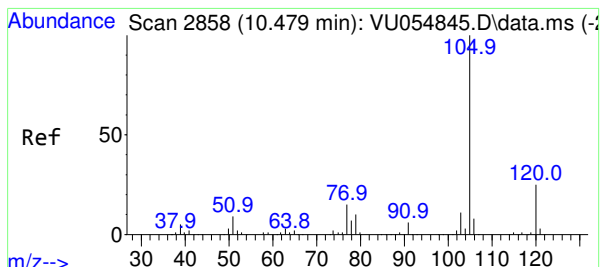
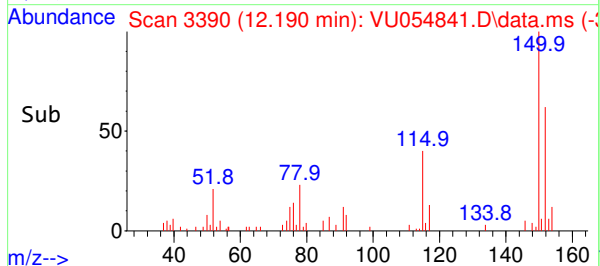
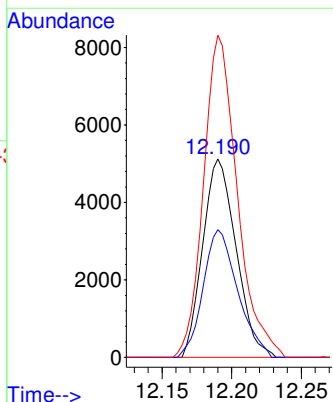
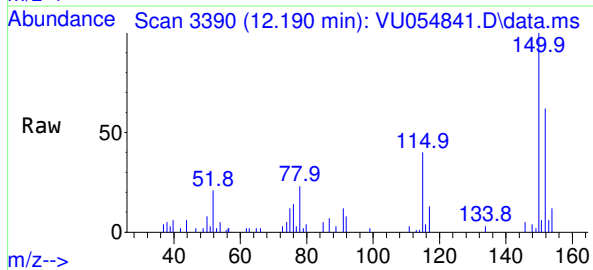




#68
1,2-Dichlorobenzene-d4
Concen: 0.96 ug/l
RT: 12.190 min Scan# 3390
Delta R.T. 0.000 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

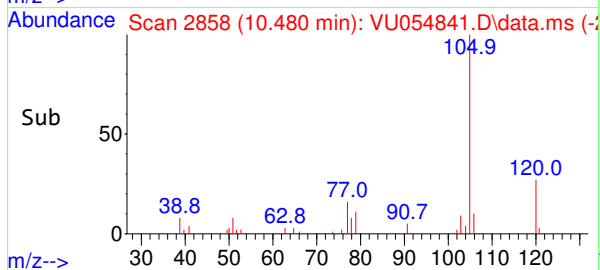
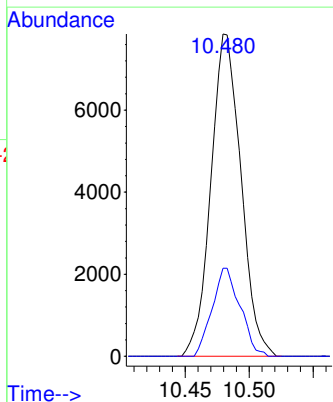
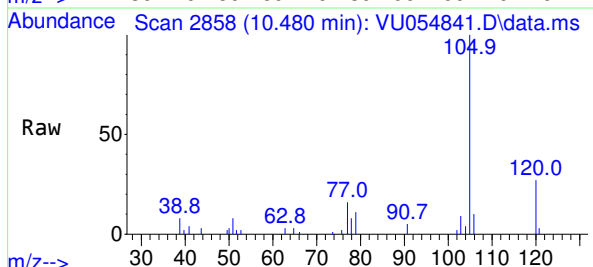
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

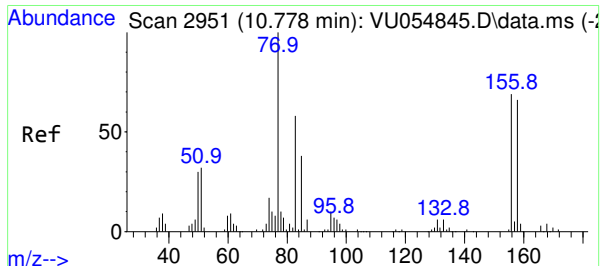
Tgt Ion:	152	Resp:	8519
Ion	Ratio	Lower	Upper
152	100		
115	66.6	0.0	234.8
150	164.0	0.0	598.2



#69
Isopropylbenzene
Concen: 0.43 ug/l
RT: 10.480 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion:	105	Resp:	12816
Ion	Ratio	Lower	Upper
105	100		
120	25.4	12.6	37.6

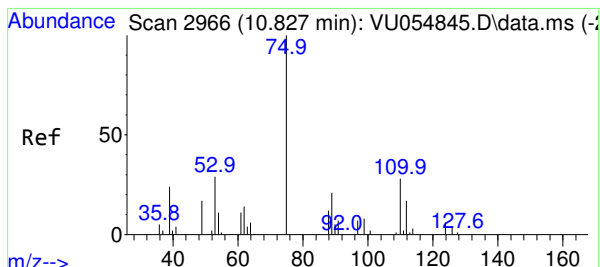
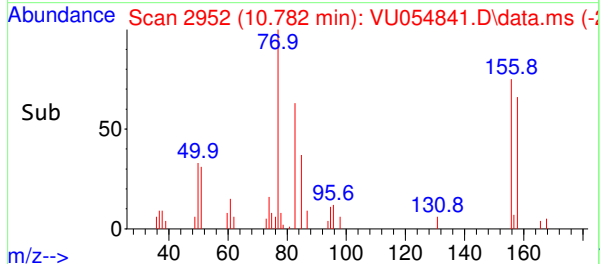
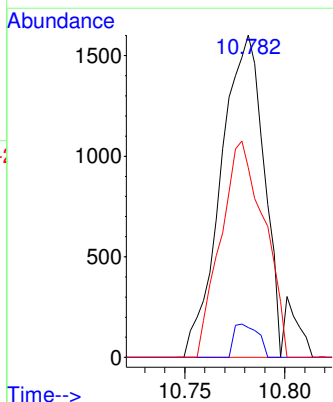
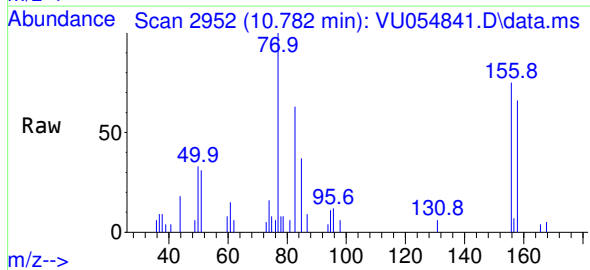




#70
1,1,2,2-Tetrachloroethane
Concen: 0.43 ug/l
RT: 10.782 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

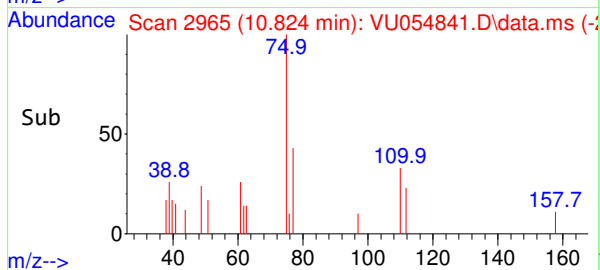
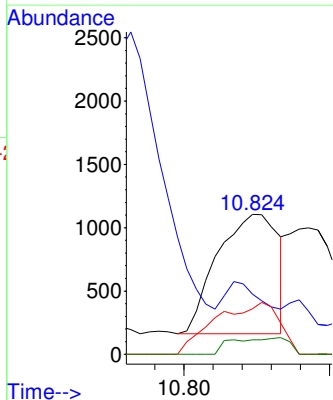
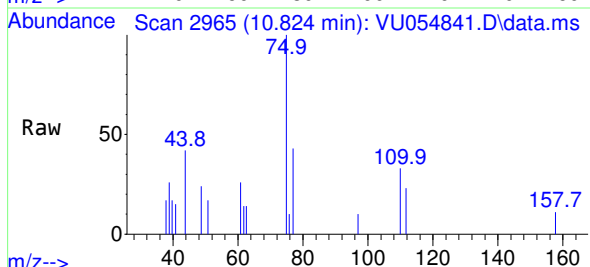
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

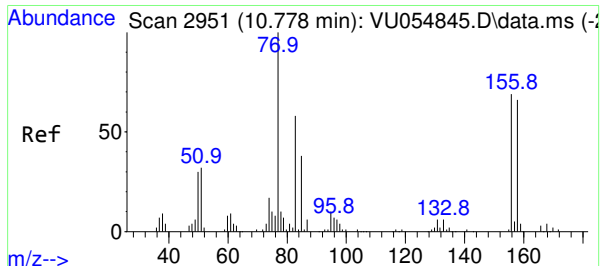
Tgt Ion: 83 Resp: 2390
Ion Ratio Lower Upper
83 100
131 5.8 7.5 11.3#
85 68.3 53.0 79.6



#71
1,2,3-Trichloropropane
Concen: 0.36 ug/l
RT: 10.824 min Scan# 2965
Delta R.T. -0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion: 75 Resp: 1370
Ion Ratio Lower Upper
75 100
77 14.8 0.0 0.0#
110 46.0 0.0 80.8
97 4.7 0.0 43.4

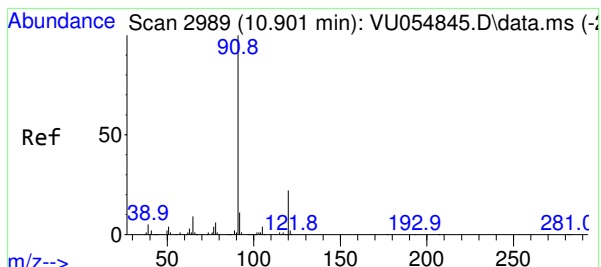
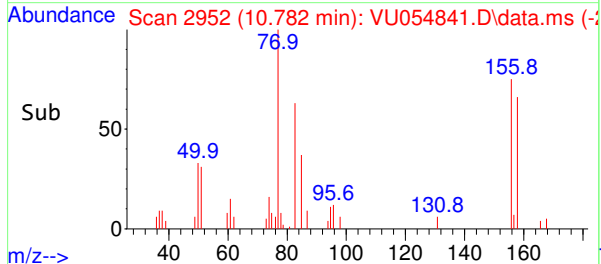
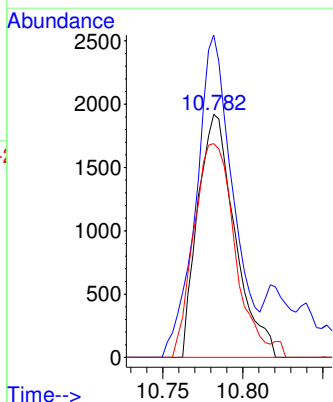
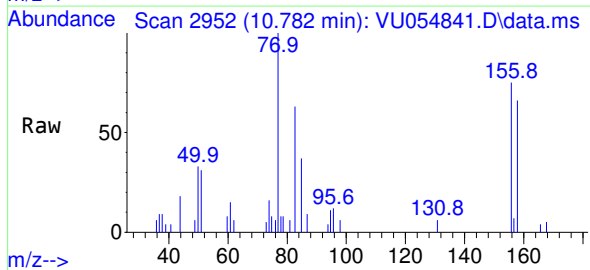




#72
Bromobenzene
Concen: 0.46 ug/l
RT: 10.782 min Scan# 2952
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

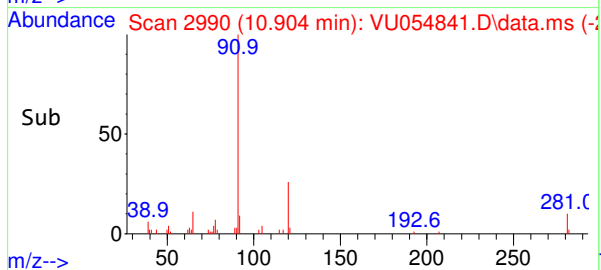
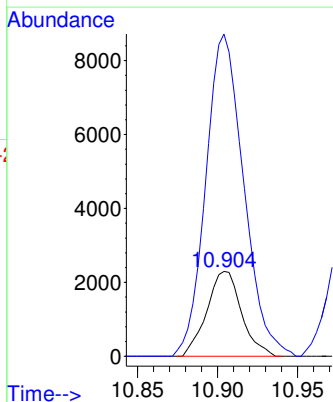
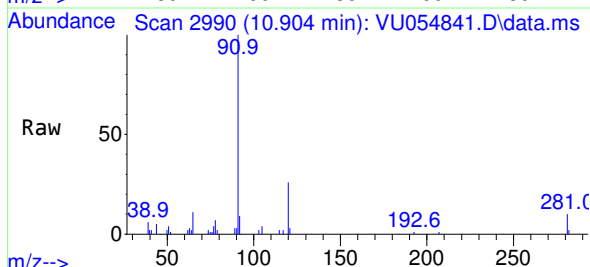
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

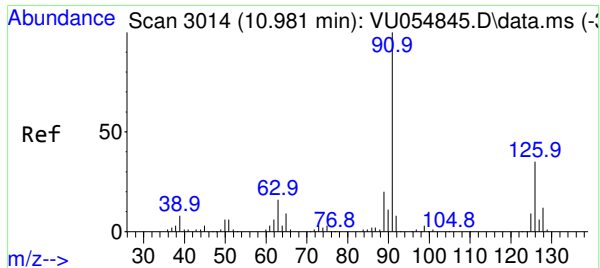
Tgt Ion:156 Resp: 3105
Ion Ratio Lower Upper
156 100
77 131.2 0.0 293.2
158 98.0 0.0 189.8



#73
n-propylbenzene
Concen: 0.44 ug/l
RT: 10.904 min Scan# 2990
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion:120 Resp: 3473
Ion Ratio Lower Upper
120 100
91 414.4 361.8 542.6

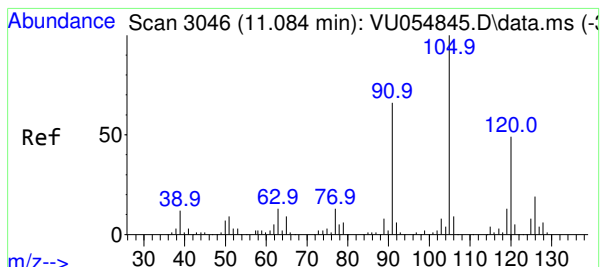
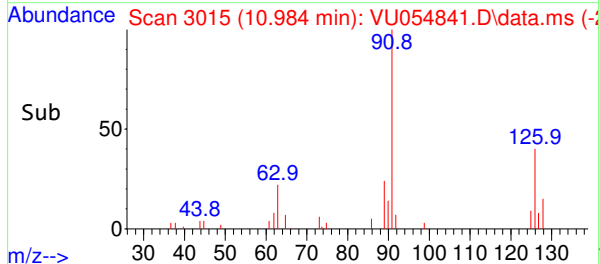
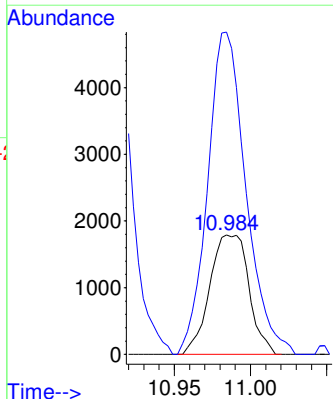
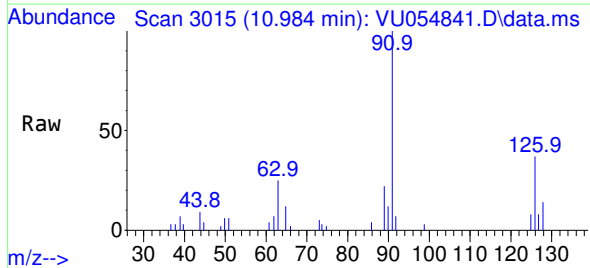




#74
2-Chlorotoluene
Concen: 0.46 ug/l
RT: 10.984 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

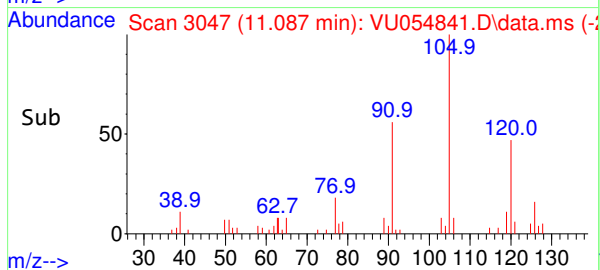
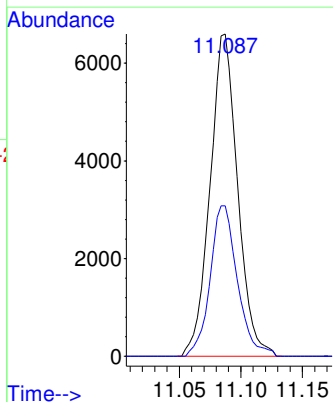
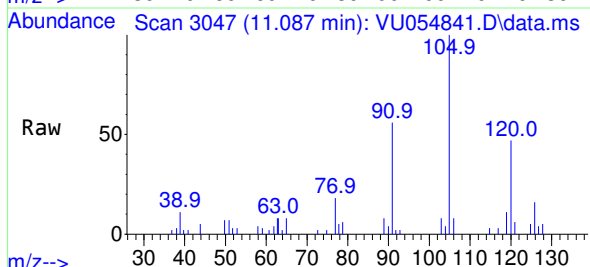
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

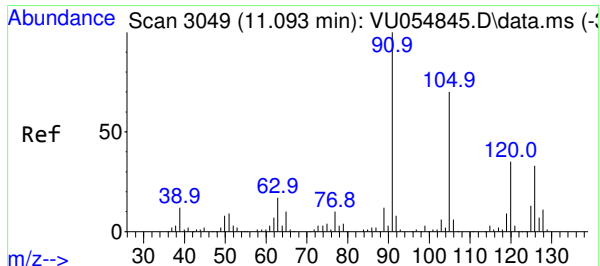
Tgt Ion:126 Resp: 3188
Ion Ratio Lower Upper
126 100
91 264.1 0.0 561.4



#75
1,3,5-Trimethylbenzene
Concen: 0.43 ug/l
RT: 11.087 min Scan# 3047
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion:105 Resp: 10295
Ion Ratio Lower Upper
105 100
120 46.2 39.0 58.4

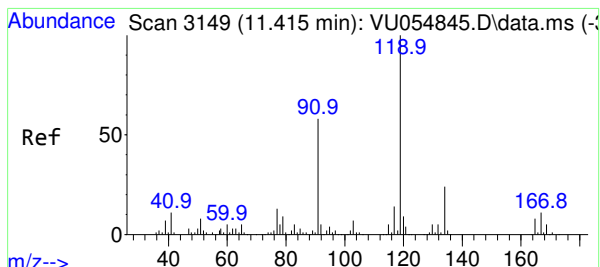
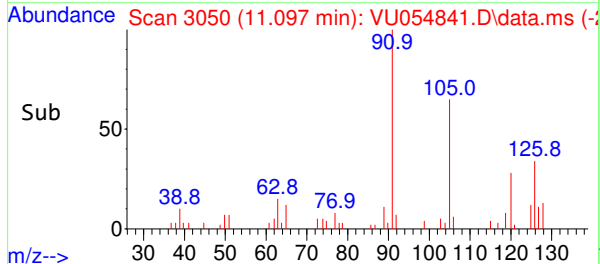
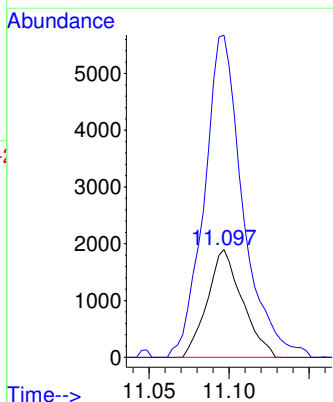
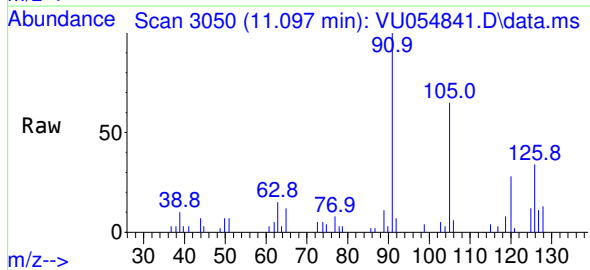




#76
4-Chlorotoluene
Concen: 0.41 ug/l
RT: 11.097 min Scan# 3149
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

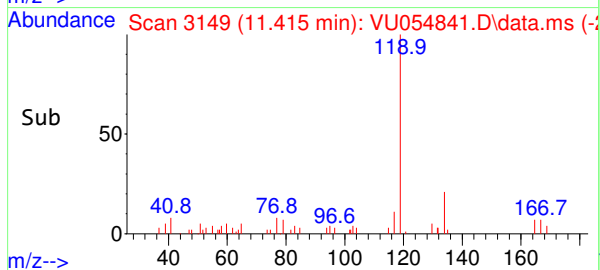
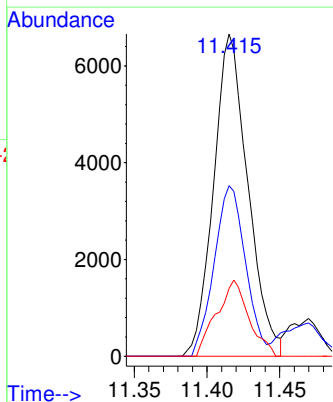
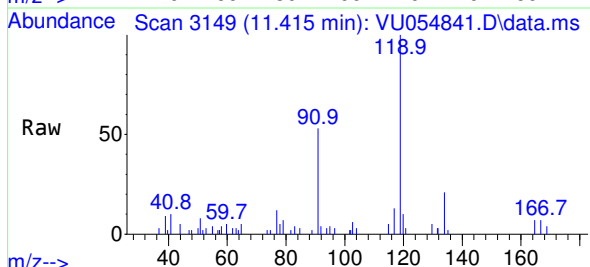
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

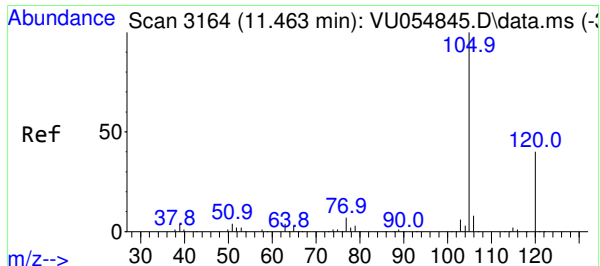
Tgt Ion:126 Resp: 2892
Ion Ratio Lower Upper
126 100
91 330.5 0.0 623.4



#77
tert-Butylbenzene
Concen: 0.44 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion:119 Resp: 10893
Ion Ratio Lower Upper
119 100
91 48.5 27.7 83.1
134 22.3 18.6 27.8

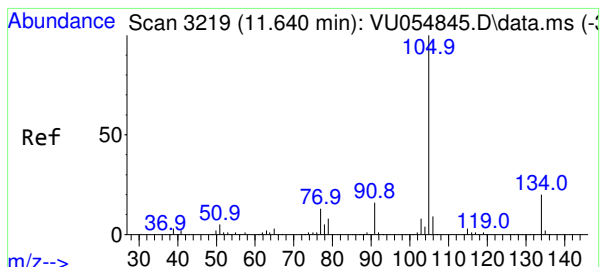
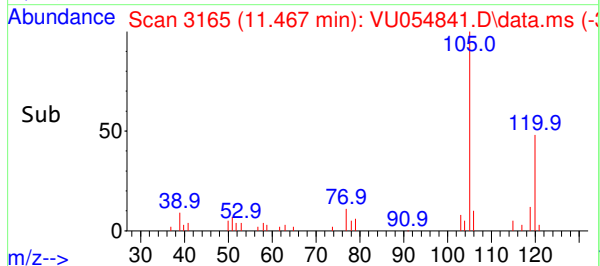
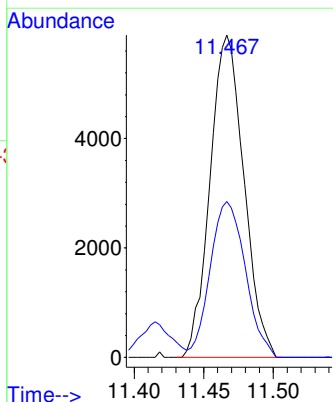
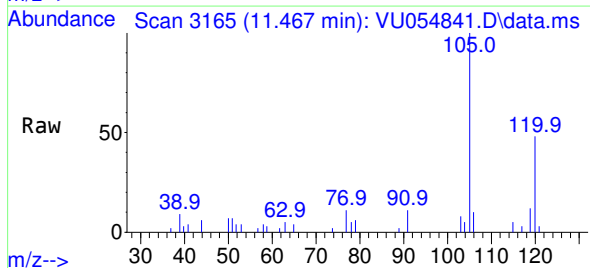




#78
1,2,4-Trimethylbenzene
Concen: 0.41 ug/l
RT: 11.467 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

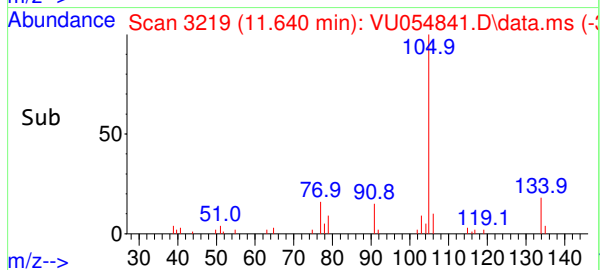
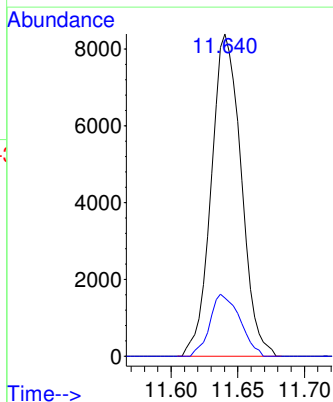
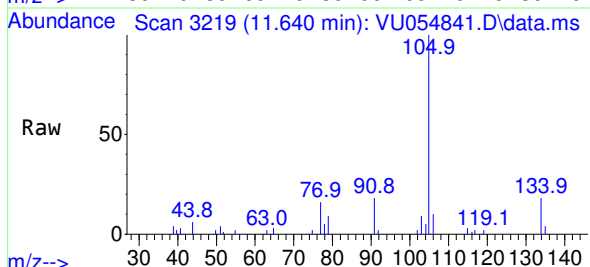
Instrument : MSVOA_U
ClientSampleId : VSTDIC0.5

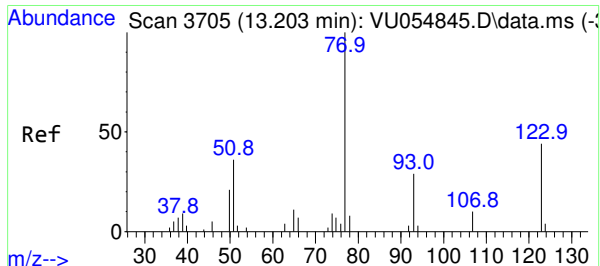
Tgt Ion:105 Resp: 9953
Ion Ratio Lower Upper
105 100
120 50.3 22.4 67.3



#79
sec-Butylbenzene
Concen: 0.41 ug/l
RT: 11.640 min Scan# 3219
Delta R.T. 0.000 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion:105 Resp: 13094
Ion Ratio Lower Upper
105 100
134 19.3 15.7 23.5

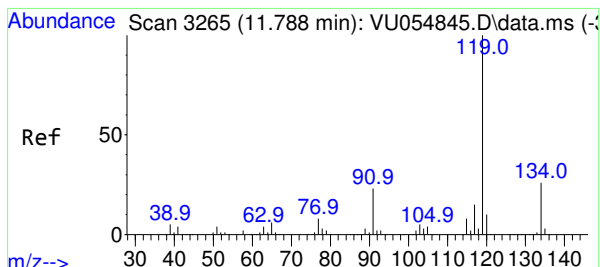
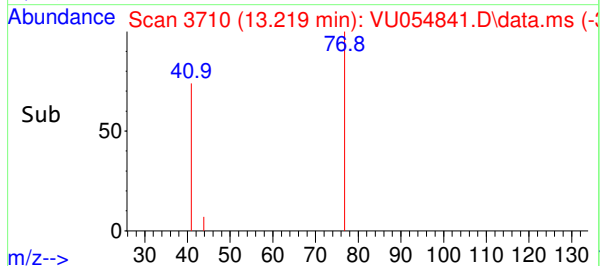
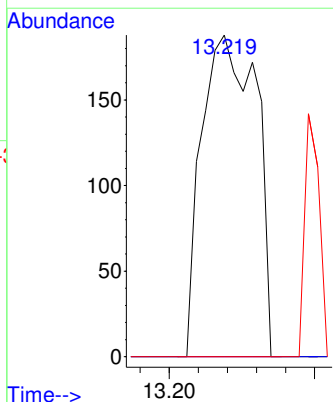
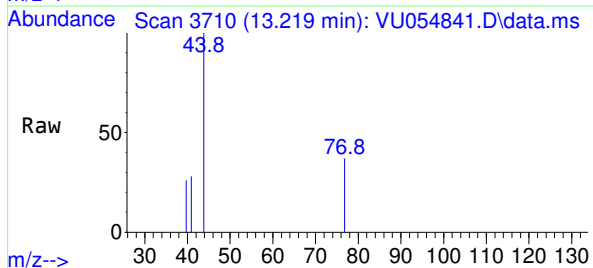




#80
Nitrobenzene
Concen: 4.20 ug/l
RT: 13.219 min Scan# 3
Delta R.T. 0.016 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

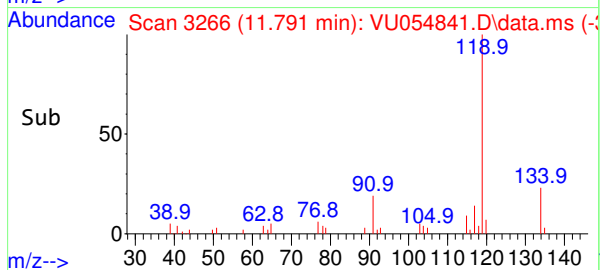
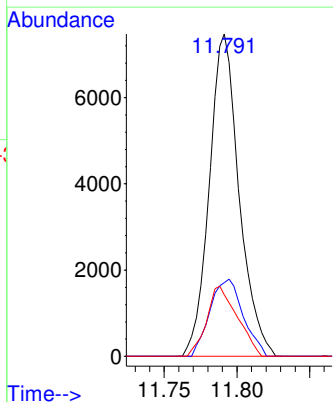
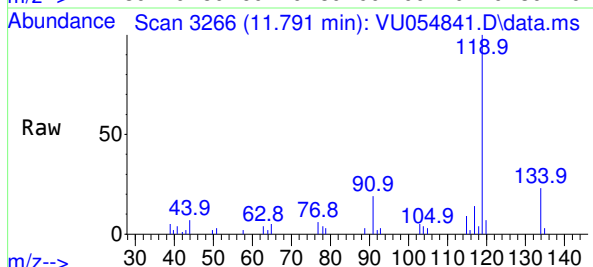
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

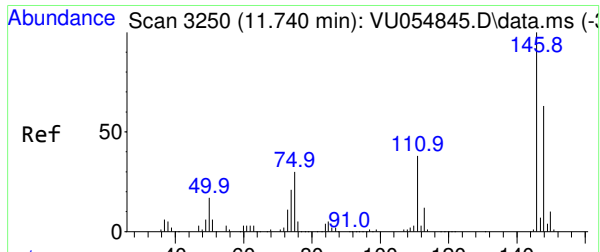
Tgt Ion: 77 Resp: 245
Ion Ratio Lower Upper
77 100
123 0.0 20.2 71.8#
65 20.0 11.7 14.9#



#81
p-Isopropyltoluene
Concen: 0.41 ug/l
RT: 11.791 min Scan# 3266
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion: 119 Resp: 10643
Ion Ratio Lower Upper
119 100
134 26.7 20.6 31.0
91 22.2 18.2 27.4

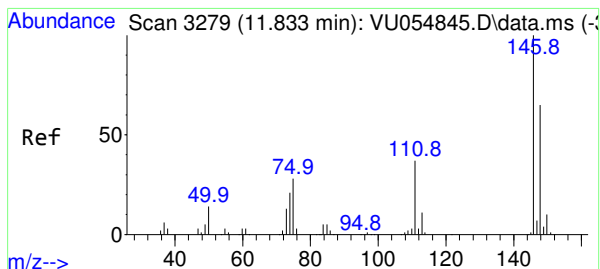
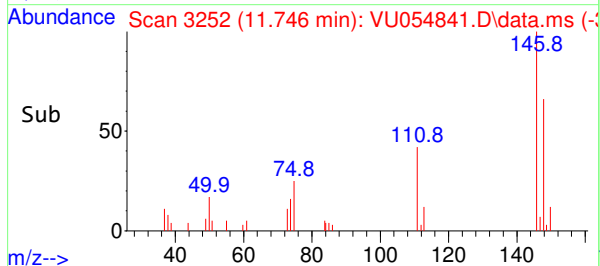
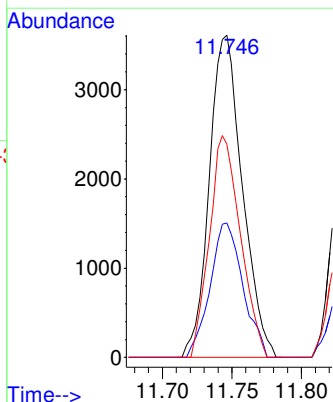
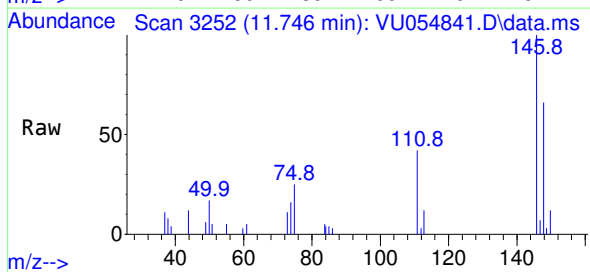




#82
1,3-Dichlorobenzene
Concen: 0.44 ug/l
RT: 11.746 min Scan# 3252
Delta R.T. 0.007 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

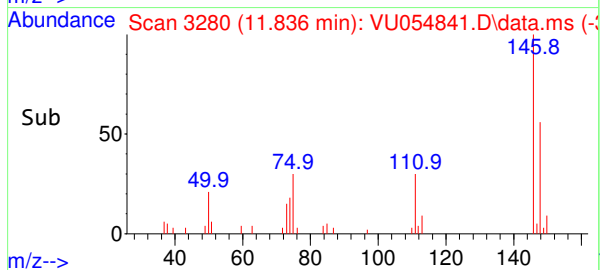
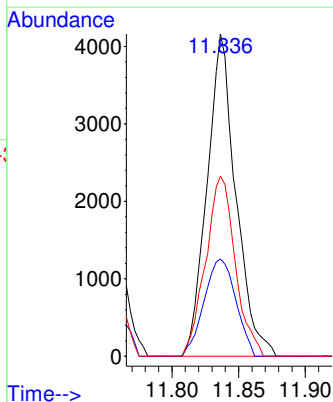
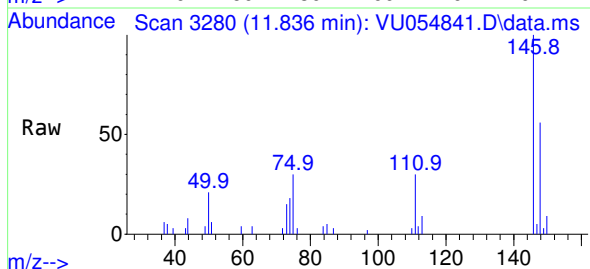
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

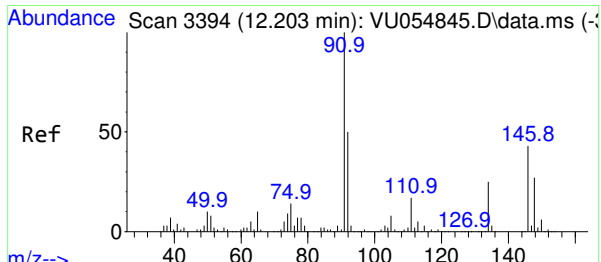
Tgt Ion:	146	Resp:	5959
Ion	Ratio	Lower	Upper
146	100		
111	41.4	30.5	45.7
148	64.6	51.0	76.6



#83
1,4-Dichlorobenzene
Concen: 0.46 ug/l
RT: 11.836 min Scan# 3280
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion:	146	Resp:	6223
Ion	Ratio	Lower	Upper
146	100		
111	33.4	29.5	44.3
148	57.6	51.2	76.8





#84

n-Butylbenzene

Concen: 0.39 ug/l

RT: 12.206 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU054841.D

Acq: 21 Jul 2023 16:55

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

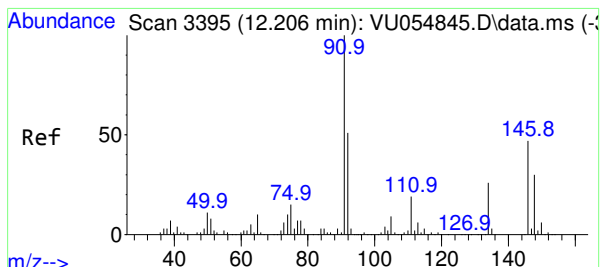
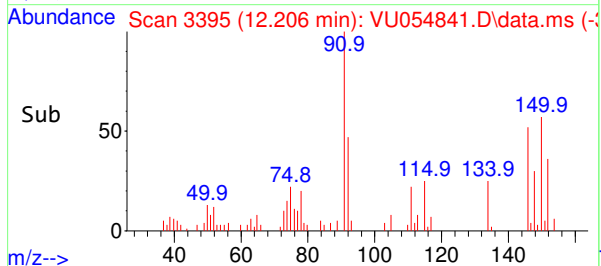
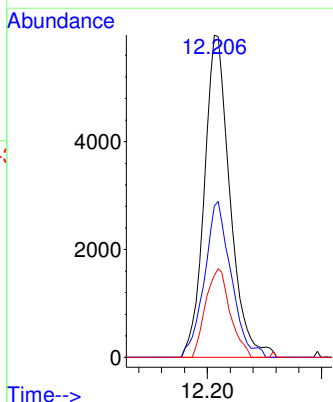
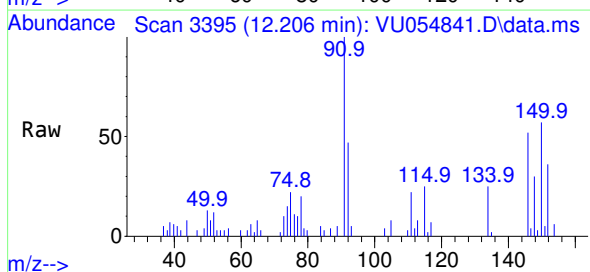
Tgt Ion: 91 Resp: 9331

Ion Ratio Lower Upper

91 100

92 50.4 39.8 59.8

134 26.2 20.2 30.4



#85

1,2-Dichlorobenzene

Concen: 0.44 ug/l

RT: 12.213 min Scan# 3397

Delta R.T. 0.007 min

Lab File: VU054841.D

Acq: 21 Jul 2023 16:55

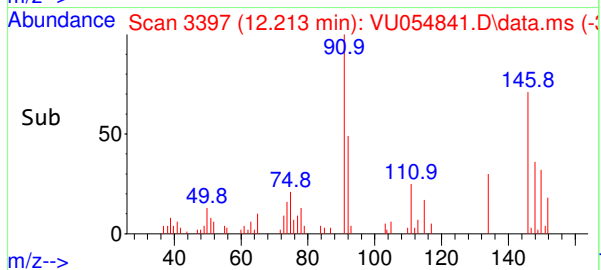
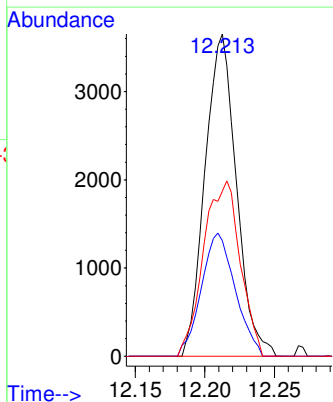
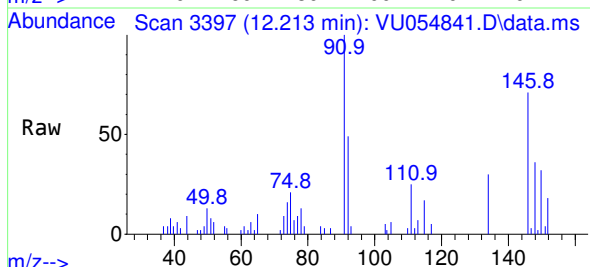
Tgt Ion: 146 Resp: 5720

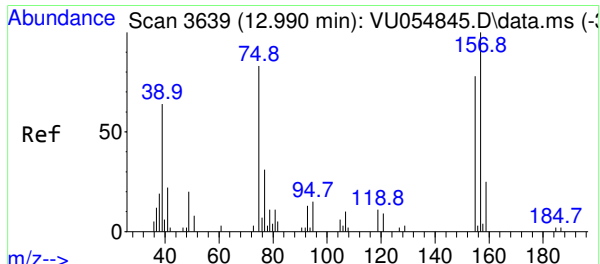
Ion Ratio Lower Upper

146 100

111 41.3 19.8 59.4

148 63.3 31.8 95.3

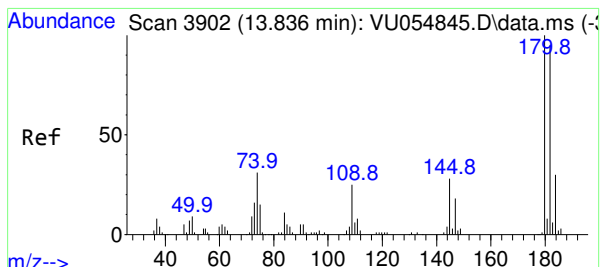
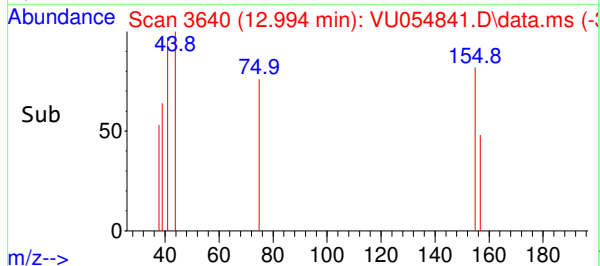
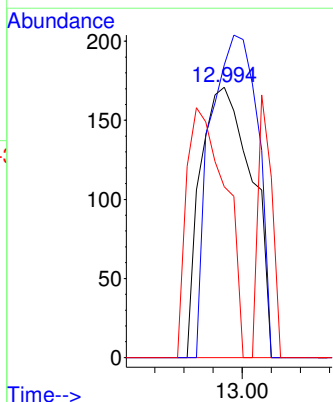
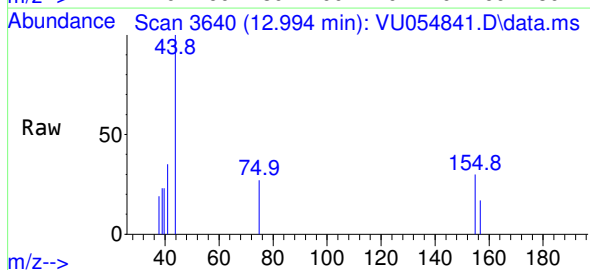




#86
1,2-Dibromo-3-Chloropropane
Concen: 0.42 ug/l
RT: 12.994 min Scan# 3
Delta R.T. 0.004 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

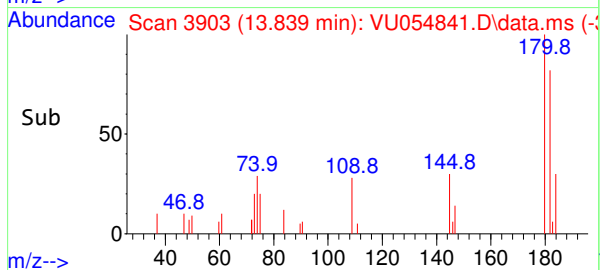
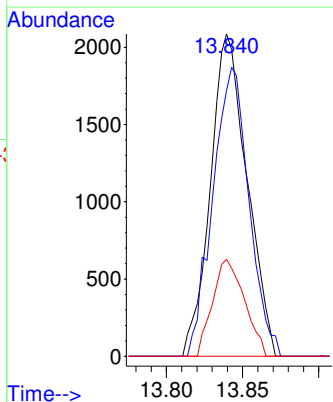
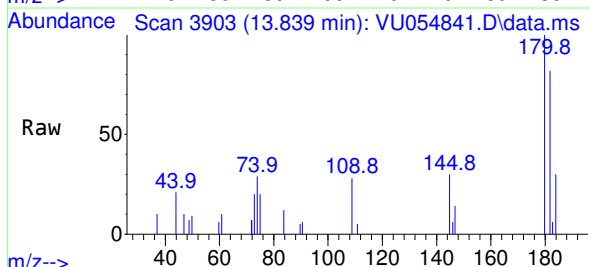
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

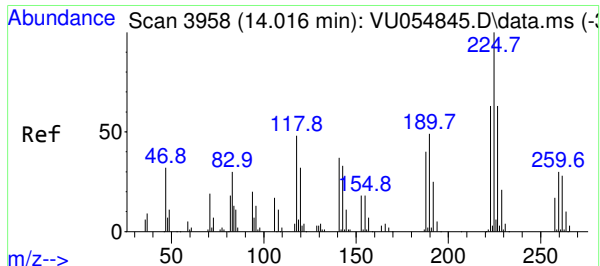
Tgt Ion: 75 Resp: 210
Ion Ratio Lower Upper
75 100
155 110.0 74.8 112.2
157 25.7 97.4 146.0#



#87
1,2,4-Trichlorobenzene
Concen: 0.42 ug/l
RT: 13.839 min Scan# 3903
Delta R.T. 0.003 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion: 180 Resp: 3479
Ion Ratio Lower Upper
180 100
182 88.5 77.0 115.6
145 26.2 23.4 35.0

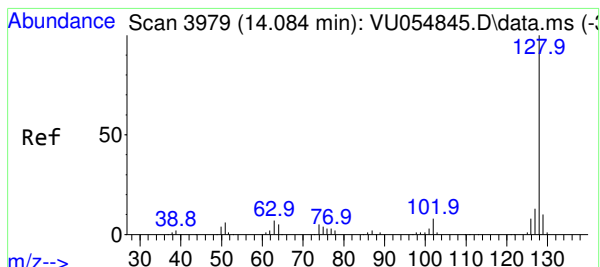
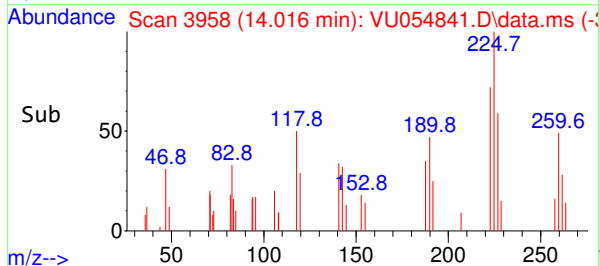
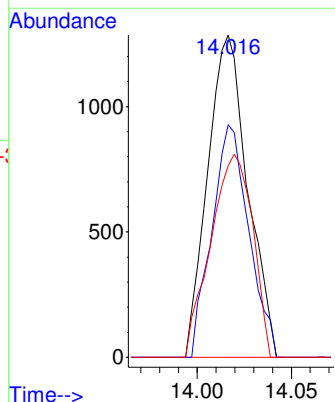
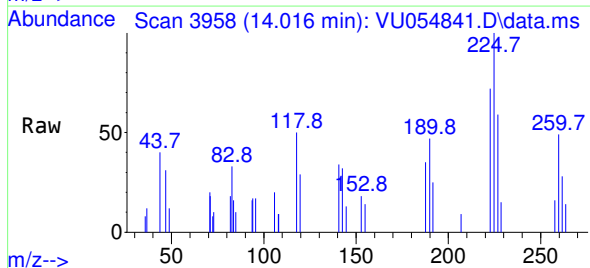




#88
Hexachlorobutadiene
Concen: 0.43 ug/l
RT: 14.016 min Scan# 3958
Delta R.T. 0.000 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

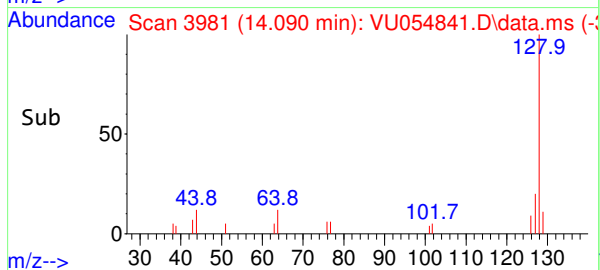
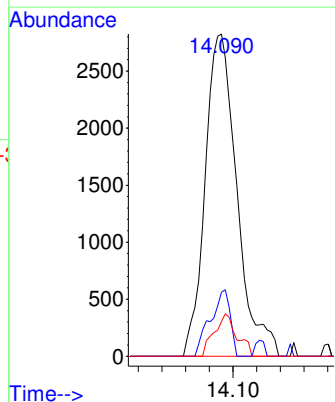
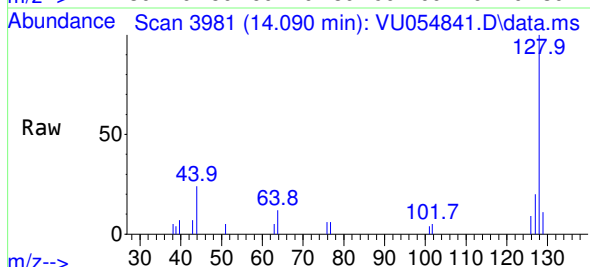
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

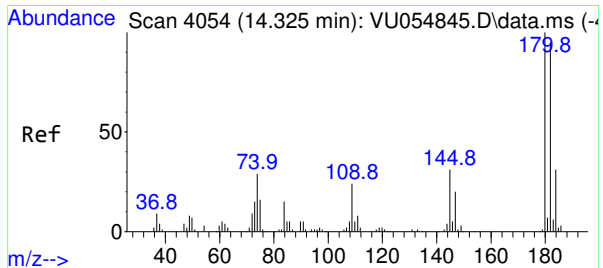
Tgt Ion:	225	Resp:	1900
Ion	Ratio	Lower	Upper
225	100		
223	66.8	50.6	76.0
227	66.1	50.7	76.1



#89
Naphthalene
Concen: 0.39 ug/l
RT: 14.090 min Scan# 3981
Delta R.T. 0.006 min
Lab File: VU054841.D
Acq: 21 Jul 2023 16:55

Tgt Ion:	128	Resp:	5257
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	15.8
129	9.3	8.7	13.1





#90
 1,2,3-Trichlorobenzene
 Concen: 0.43 ug/l
 RT: 14.328 min Scan# 4
 Delta R.T. 0.003 min
 Lab File: VU054841.D
 Acq: 21 Jul 2023 16:55

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tgt Ion:	180	Resp:	3121
Ion	Ratio	Lower	Upper
180	100		
182	87.9	76.0	114.0
145	30.1	24.3	36.5

