

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101521\
 Data File : VU045321.D
 Acq On : 15 Oct 2021 14:53
 Operator : SY/MD
 Sample : M4068-09 0.4PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-03-QT4-2021

Manual Integrations
 APPROVED

Quant Time: Oct 16 01:10:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101321DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Oct 14 05:46:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.118	96	39708	1.00	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	12909	0.89	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.00%	
68) 1,2-Dichlorobenzene-d4	12.198	152	12109	0.89	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.00%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	5491	0.36	ug/l	96
3) Chloromethane	1.520	50	6984	0.44	ug/l	98
4) Vinyl Chloride	1.604	62	5802	0.35	ug/l	96
5) Bromomethane	1.854	94	3634	0.40	ug/l	99
6) Chloroethane	1.932	64	4060	0.38	ug/l	# 86
7) Trichlorofluoromethane	2.137	101	6685	0.35	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	3830	0.35	ug/l	97
9) 1,1-Dichloroethene	2.581	96	3592	0.35	ug/l	97
10) Iodomethane	2.726	142	3119	0.29	ug/l	99
11) Allyl Chloride	2.925	41	5346	0.35	ug/l	97
12) Acrylonitrile	3.340	53	1625	0.62	ug/l	# 91
13) Acetone	2.649	43	5874	1.87	ug/l	# 86
14) Carbon Disulfide	2.793	76	11175	0.35	ug/l	100
15) Methylene Chloride	3.047	84	9637	0.77	ug/l	98
16) trans-1,2-Dichloroethene	3.356	96	3900	0.35	ug/l	97
17) 1,1-Dichloroethane	3.874	63	7637	0.37	ug/l	# 94
18) 2-Butanone	4.732	43	6228	1.56	ug/l	100
19) Cyclohexane	5.388	56	6179m	0.32	ug/l	
20) Methylcyclohexane	6.767	83	5893	0.31	ug/l	96
21) 2,2-Dichloropropane	4.671	77	6241	0.35	ug/l	99
22) cis-1,2-Dichloroethene	4.674	96	4461	0.37	ug/l	99
23) Diethyl Ether	2.379	59	3258	0.33	ug/l	89
24) tert-Butyl Alcohol	3.240	59	1706m	2.23	ug/l	
25) Methyl tert-Butyl Ether	3.375	73	9081	0.31	ug/l	100
26) Bromochloromethane	4.976	128	1754	0.34	ug/l	93
27) Chloroform	5.092	83	8285	0.39	ug/l	97
28) 1,1,1-Trichloroethane	5.321	97	6092	0.35	ug/l	98
29) 1,1-Dichloropropene	5.530	75	5435	0.34	ug/l	96
30) Carbon Tetrachloride	5.530	117	4572	0.34	ug/l	98
31) Isopropyl Ether	4.005	45	11473	0.35	ug/l	93
32) Ethyl-t-butyl ether	4.510	59	10977	0.33	ug/l	97
33) Tert-Amyl methyl ether	5.951	73	8737	0.30	ug/l	100
34) Propionitrile	4.803	54	1500	1.51	ug/l	# 77
35) Benzene	5.777	78	16445	0.36	ug/l	97
36) 1,2-Dichloroethane	5.803	62	5134	0.35	ug/l	# 85
37) Trichloroethene	6.549	130	4091	0.36	ug/l	94
38) 1,2-Dichloropropane	6.796	63	4296	0.36	ug/l	94
39) Methacrylonitrile	4.989	41	1232	0.31	ug/l	# 88
40) Methyl acrylate	4.861	55	2078	0.32	ug/l	# 81
41) Tetrahydrofuran	5.076	42	1560	0.69	ug/l	# 38
42) 1-Chlorobutane	5.462	56	7932	0.35	ug/l	96
43) Dibromomethane	6.925	93	1929	0.32	ug/l	98
44) Bromodichloromethane	7.111	83	5026	0.34	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.800	43	12089	1.49	ug/l	98
46) t-1,4-Dichloro-2-butene	10.838	75	1579m	0.55	ug/l	
47) Methyl methacrylate	6.970	69	3168	0.53	ug/l	94
48) Ethyl methacrylate	8.343	69	3352	0.28	ug/l	93
49) Toluene	7.973	92	9165	0.32	ug/l	97
50) t-1,3-Dichloropropene	8.218	75	4318	0.30	ug/l #	67
51) cis-1,3-Dichloropropene	7.613	75	5192	0.31	ug/l	98
52) 1,1,2-Trichloroethane	8.404	97	2883	0.34	ug/l	96
53) 1,3-Dichloropropane	8.581	76	5233	0.33	ug/l	99
54) 2-Hexanone	8.693	43	8899	1.42	ug/l	94
55) Dibromochloromethane	8.816	129	2732	0.30	ug/l	94
56) 1,2-Dibromoethane	8.928	107	2570	0.32	ug/l	98
58) Tetrachloroethene	8.558	164	3529	0.35	ug/l	94
59) Chlorobenzene	9.452	112	9844	0.33	ug/l	95
60) 1,1,1,2-Tetrachloroethane	9.539	131	3213	0.33	ug/l	93
61) Pentachloroethane	11.433	117	2670	0.38	ug/l	97
62) Hexachloroethane	12.481	117	2354	0.31	ug/l	94
63) Ethyl Benzene	9.574	91	15503	0.29	ug/l	98
64) m/p-Xylenes	9.700	106	11465	0.57	ug/l	98
65) o-Xylene	10.105	106	5775	0.29	ug/l	97
66) Styrene	10.118	104	8941	0.28	ug/l	96
67) Bromoform	10.291	173	1484	0.32	ug/l #	91
69) Isopropylbenzene	10.488	105	14347	0.28	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.787	83	3553	0.32	ug/l #	97
71) 1,2,3-Trichloropropane	10.828	75	2471m	0.27	ug/l	
72) Bromobenzene	10.787	156	3448	0.30	ug/l	93
73) n-propylbenzene	10.909	120	3487	0.26	ug/l	92
74) 2-Chlorotoluene	10.992	126	3325	0.29	ug/l	91
75) 1,3,5-Trimethylbenzene	11.095	105	11165	0.26	ug/l	98
76) 4-Chlorotoluene	11.102	126	3235	0.27	ug/l	96
77) tert-Butylbenzene	11.423	119	12274	0.29	ug/l	96
78) 1,2,4-Trimethylbenzene	11.471	105	11491	0.26	ug/l	100
79) sec-Butylbenzene	11.648	105	15336	0.27	ug/l	100
80) Nitrobenzene	13.221	77	319	1.02	ug/l #	59
81) p-Isopropyltoluene	11.799	119	11563	0.25	ug/l	97
82) 1,3-Dichlorobenzene	11.751	146	7080	0.31	ug/l	99
83) 1,4-Dichlorobenzene	11.841	146	6806	0.30	ug/l	99
84) n-Butylbenzene	12.214	91	10820	0.25	ug/l	97
85) 1,2-Dichlorobenzene	12.217	146	6992	0.32	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	13.002	75	469	0.26	ug/l	92
87) 1,2,4-Trichlorobenzene	13.848	180	3593	0.27	ug/l	95
88) Hexachlorobutadiene	14.028	225	1974	0.32	ug/l	94
89) Naphthalene	14.092	128	6302	0.24	ug/l	98
90) 1,2,3-Trichlorobenzene	14.333	180	3249	0.26	ug/l	96

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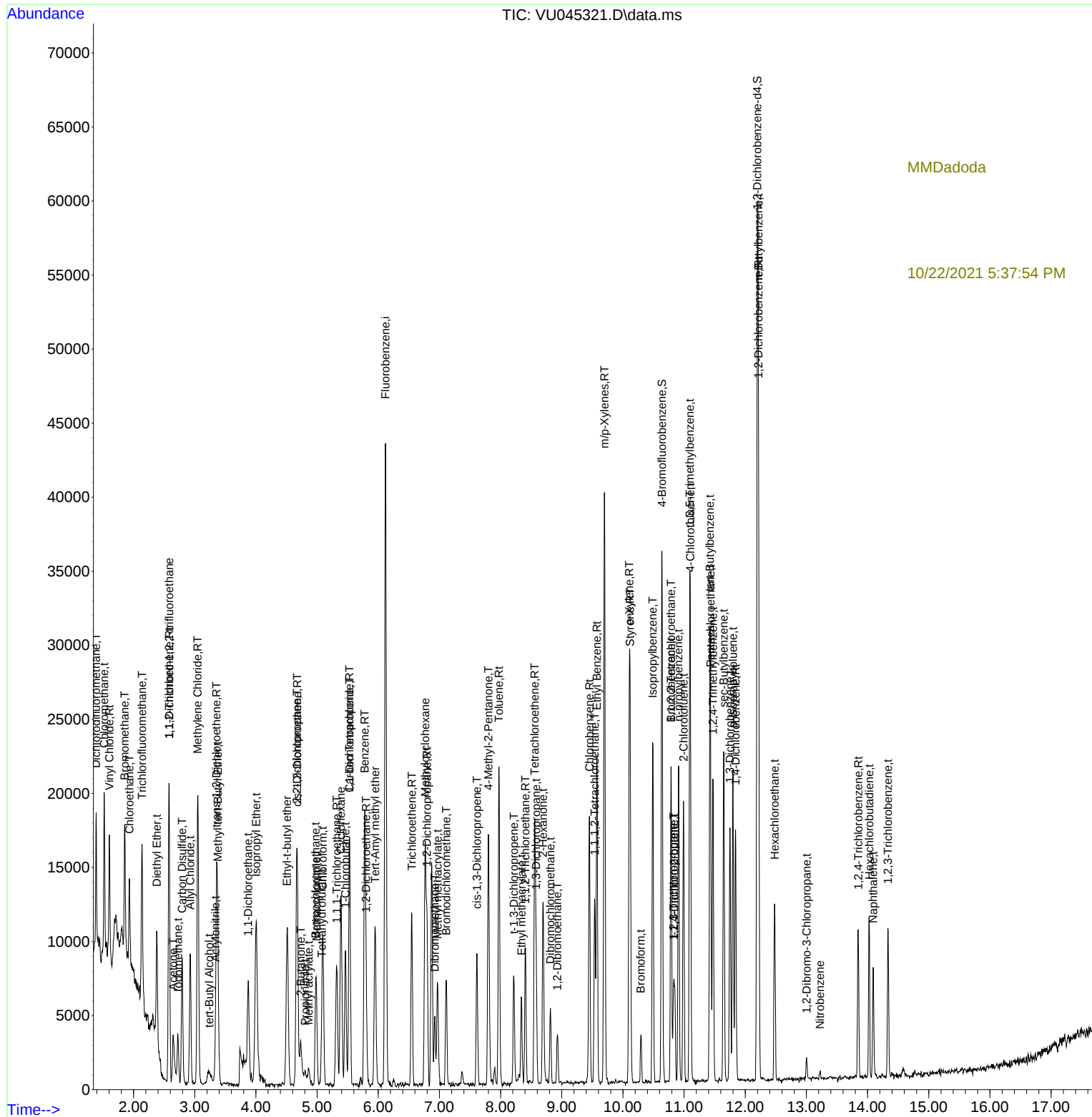
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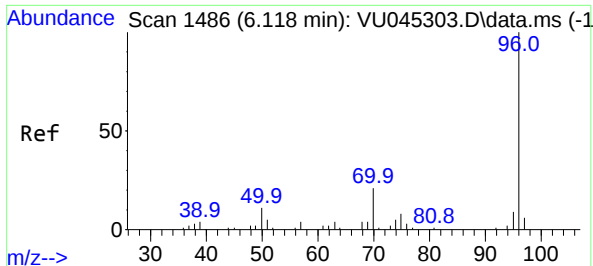
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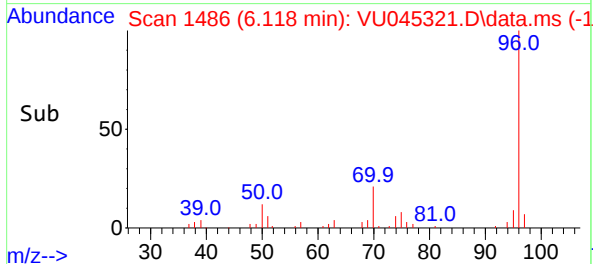
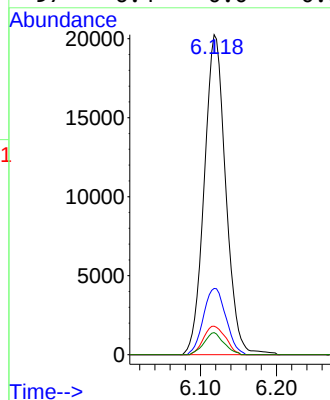
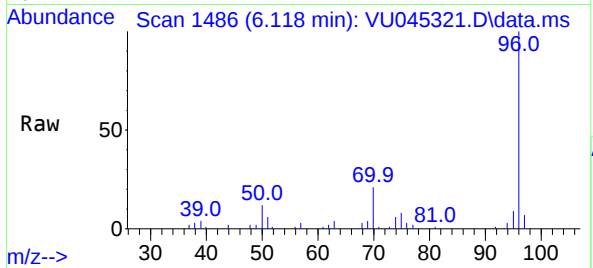


#1
Fluorobenzene
Concen: 1.00 ug/l
RT: 6.118 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion:	96	Resp:	39708
Ion	Ratio	Lower	Upper
96	100		
70	21.7	16.8	25.2
95	9.1	7.3	10.9
97	6.4	0.0	0.0#

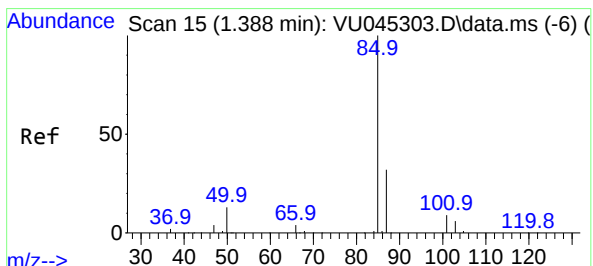
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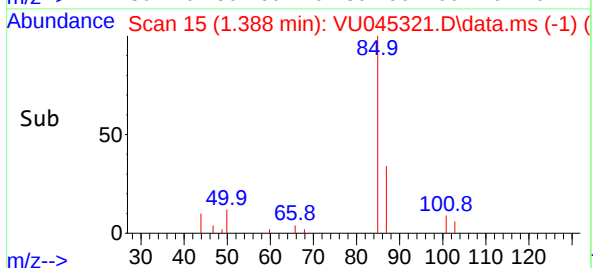
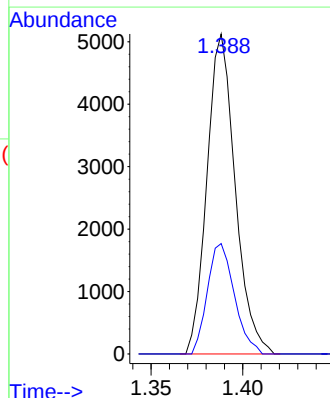
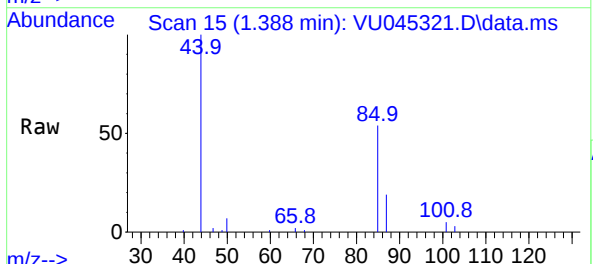
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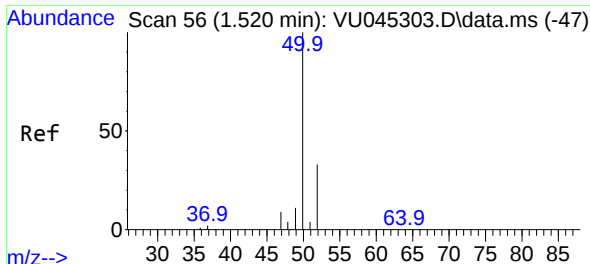
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#2
Dichlorodifluoromethane
Concen: 0.36 ug/l
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion:	85	Resp:	5491
Ion	Ratio	Lower	Upper
85	100		
87	34.5	16.2	48.6



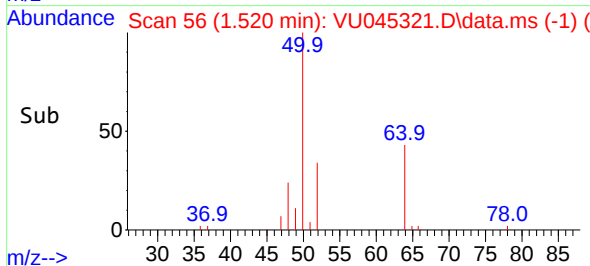
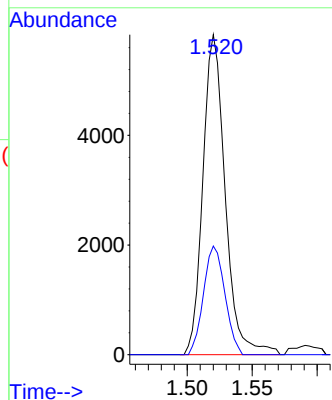
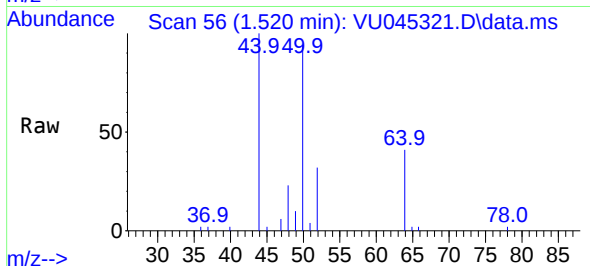


#3
Chloromethane
Concen: 0.44 ug/l
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion: 50 Resp: 6984
Ion Ratio Lower Upper
50 100
52 34.0 26.2 39.4

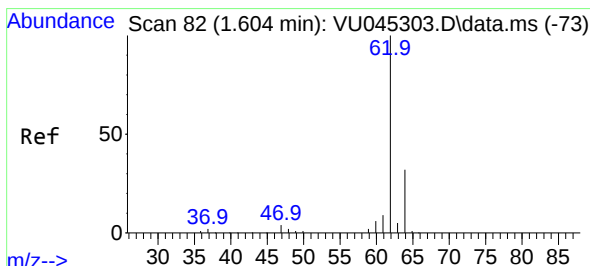
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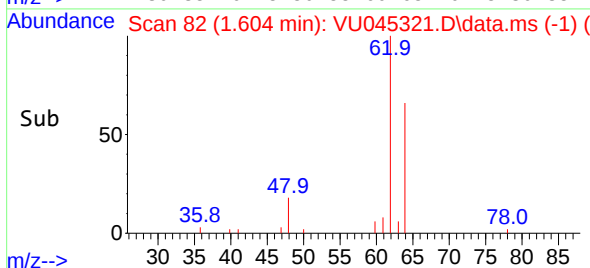
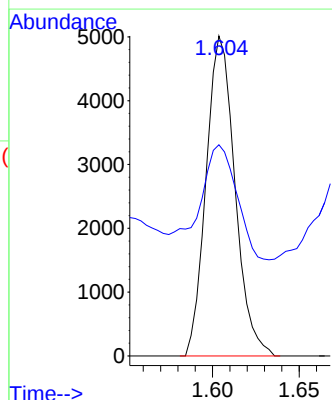
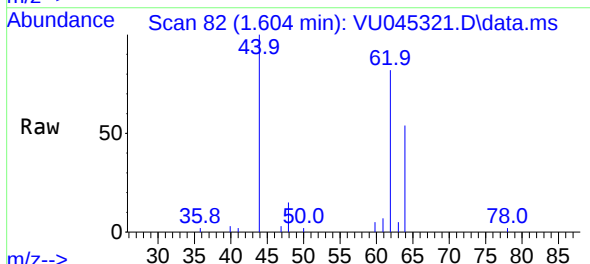
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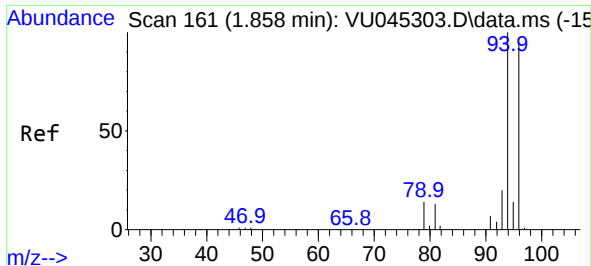
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#4
Vinyl Chloride
Concen: 0.35 ug/l
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion: 62 Resp: 5802
Ion Ratio Lower Upper
62 100
64 34.6 26.0 39.0



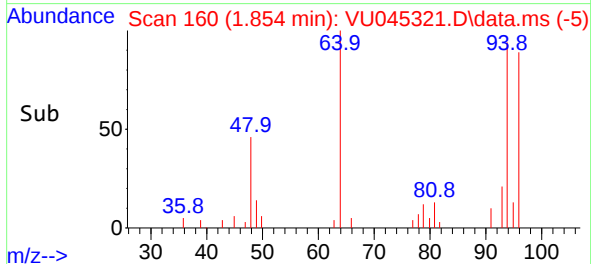
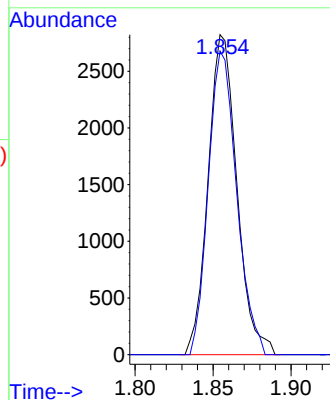
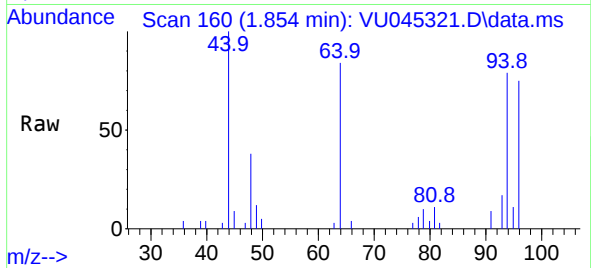


#5
Bromomethane
Concen: 0.40 ug/l
RT: 1.854 min Scan# 160
Delta R.T. -0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion: 94 Resp: 3634
Ion Ratio Lower Upper
94 100
96 94.9 75.0 112.4

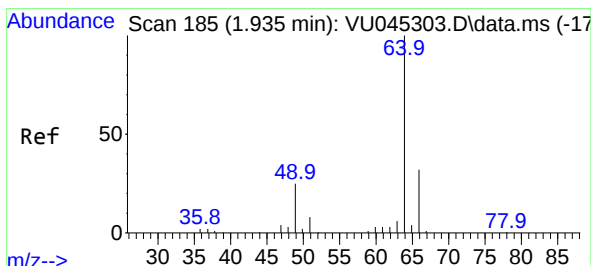
Instrument :
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ClientSampleId :
MDL-WATER-03-QT4-2021

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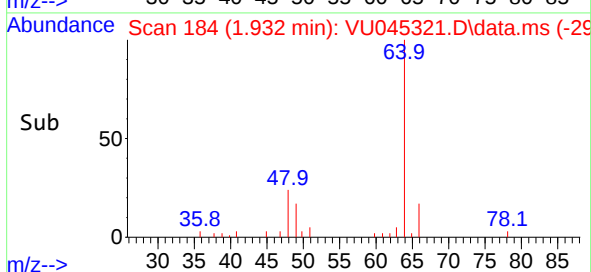
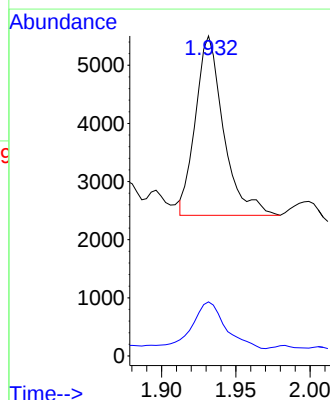
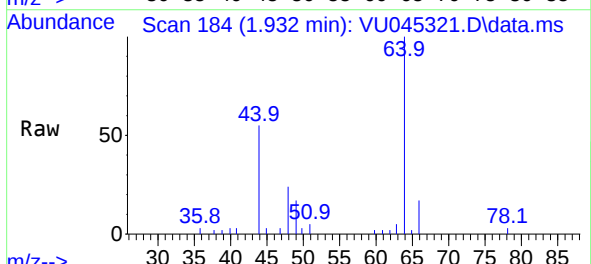
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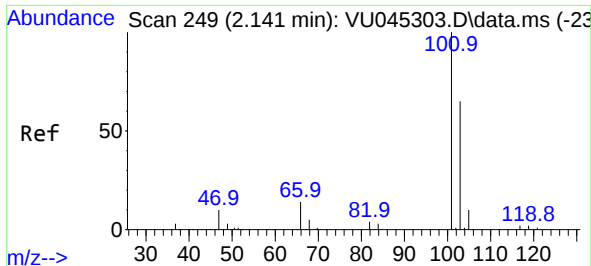
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#6
Chloroethane
Concen: 0.38 ug/l
RT: 1.932 min Scan# 184
Delta R.T. -0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion: 64 Resp: 4060
Ion Ratio Lower Upper
64 100
66 24.5 25.8 38.8#



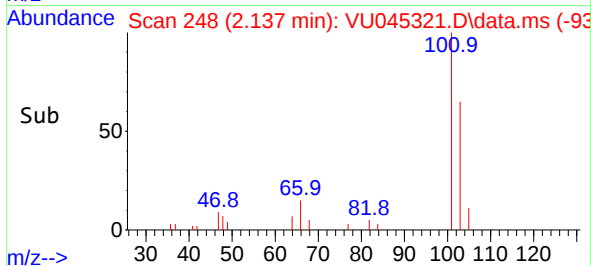
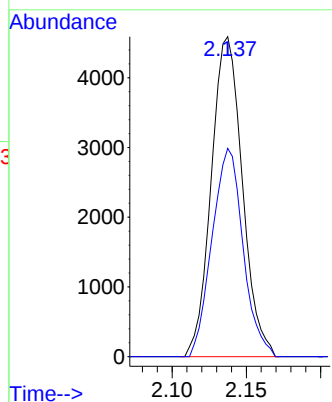
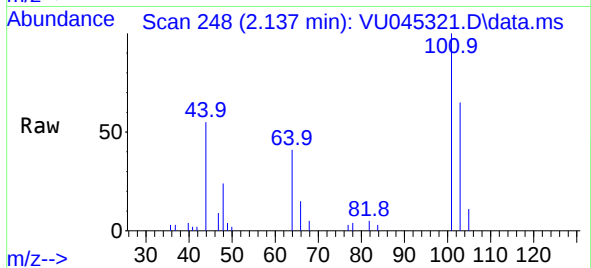


#7
Trichlorofluoromethane
Concen: 0.35 ug/l
RT: 2.137 min Scan# 248
Delta R.T. -0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion:101 Resp: 6685
Ion Ratio Lower Upper
101 100
103 65.1 52.2 78.2

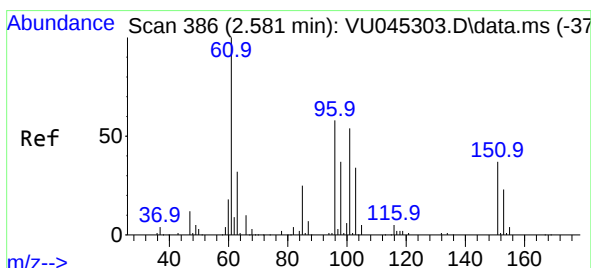
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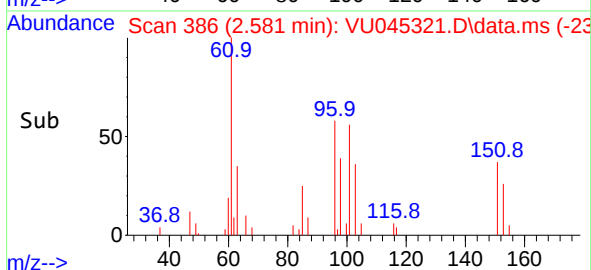
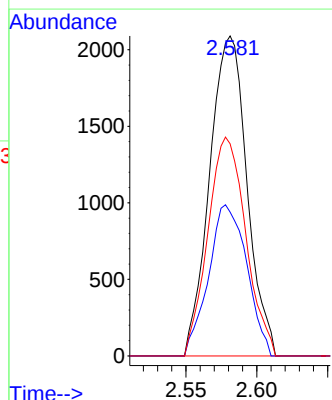
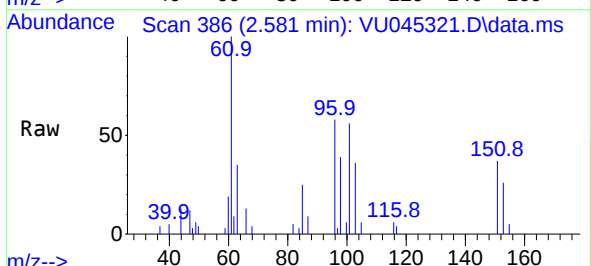
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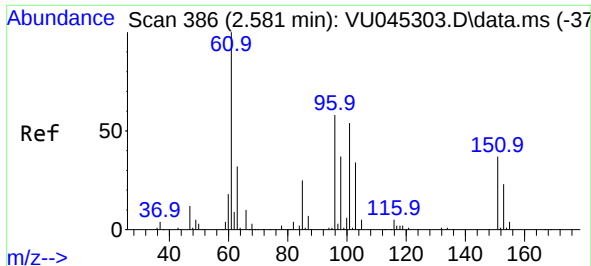
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#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.35 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion:101 Resp: 3830
Ion Ratio Lower Upper
101 100
85 48.4 35.8 53.6
151 69.6 54.6 81.8



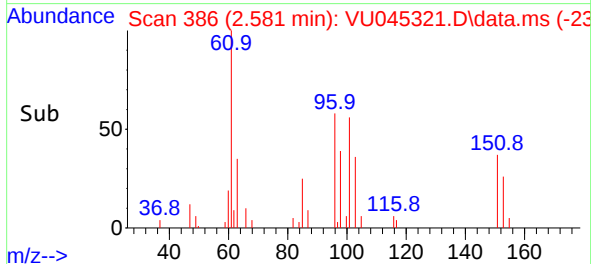
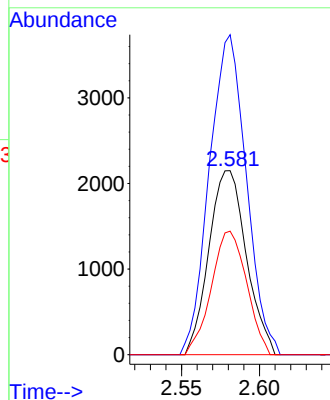
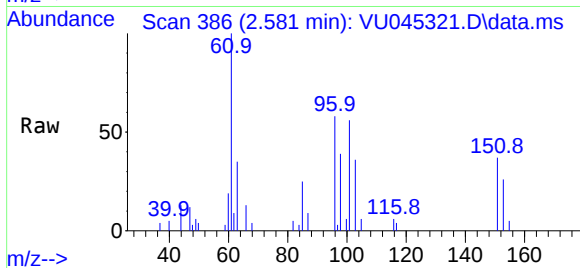


#9
1,1-Dichloroethene
Concen: 0.35 ug/l
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion: 96 Resp: 3592
Ion Ratio Lower Upper
96 100
61 173.9 0.0 514.2
98 67.1 0.0 126.4

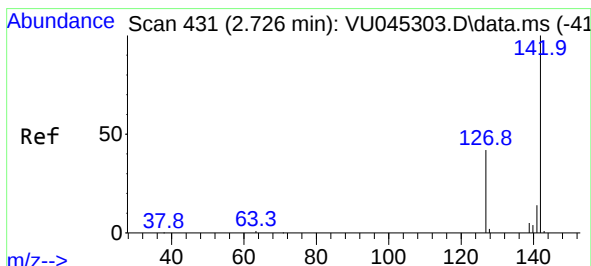
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ClientSampleId :
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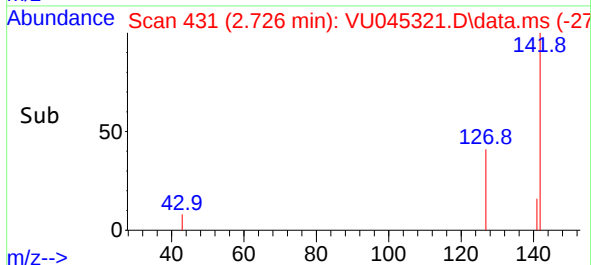
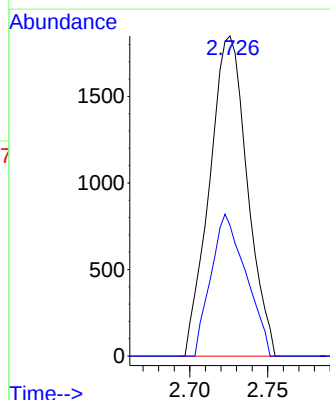
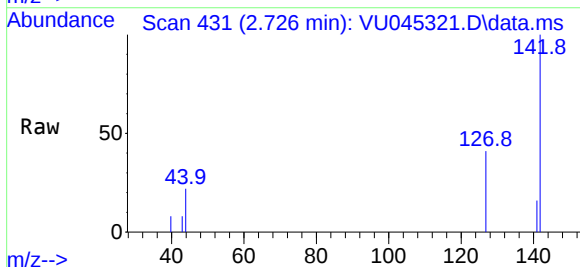
MMDadoda

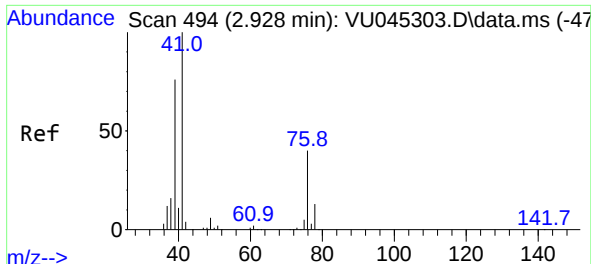
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#10
Iodomethane
Concen: 0.29 ug/l
RT: 2.726 min Scan# 431
Delta R.T. -0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

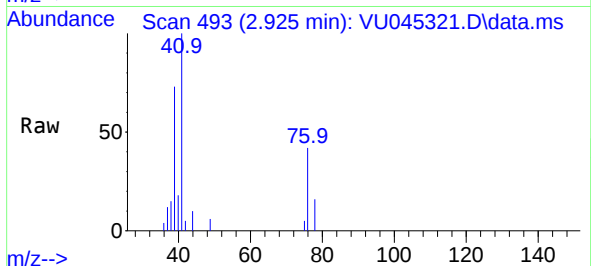
Tgt Ion: 142 Resp: 3119
Ion Ratio Lower Upper
142 100
127 41.0 33.2 49.8





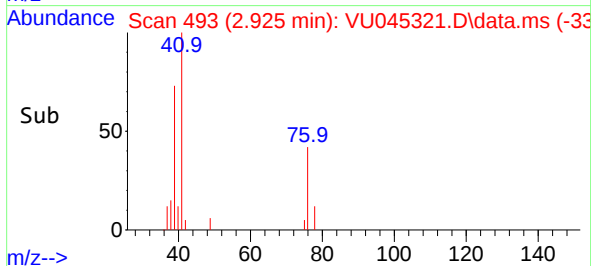
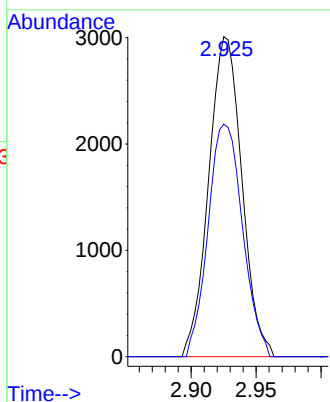
#11
 Allyl Chloride
 Concen: 0.35 ug/l
 RT: 2.925 min Scan# 493
 Delta R.T. -0.003 min
 Lab File: VU045321.D
 Acq: 15 Oct 2021 14:53

Instrument :
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 ClientSampleId :
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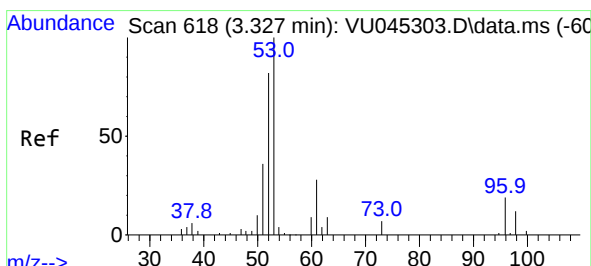
Tgt Ion: 41 Resp: 5346
 Ion Ratio Lower Upper
 41 100
 39 75.4 62.4 93.6

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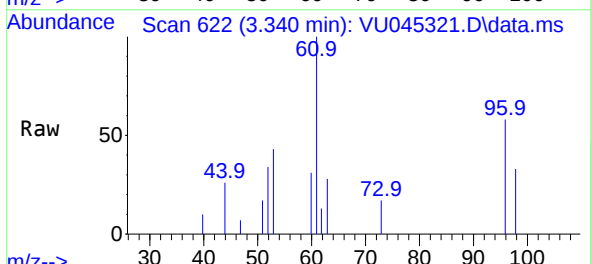


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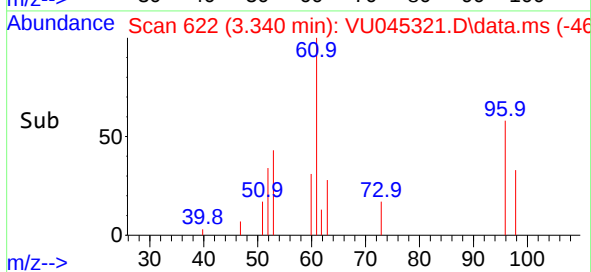
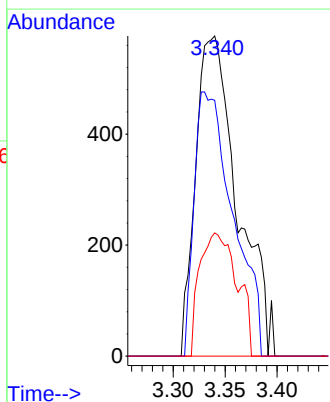
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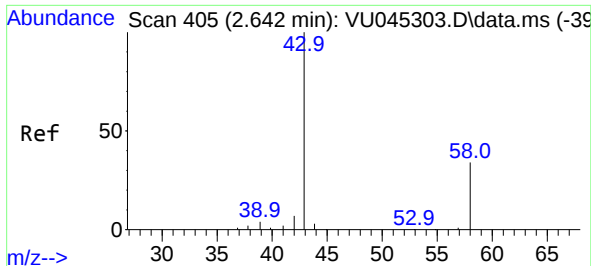


#12
 Acrylonitrile
 Concen: 0.62 ug/l
 RT: 3.340 min Scan# 622
 Delta R.T. 0.013 min
 Lab File: VU045321.D
 Acq: 15 Oct 2021 14:53

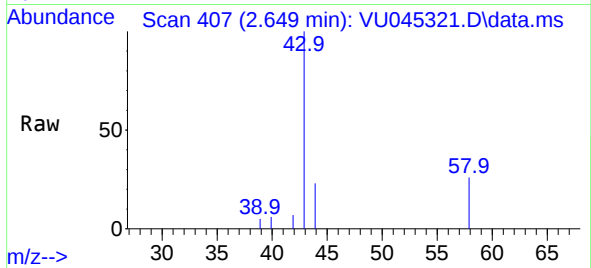


Tgt Ion: 53 Resp: 1625
 Ion Ratio Lower Upper
 53 100
 52 76.2 56.7 85.1
 51 29.8 30.3 45.5#

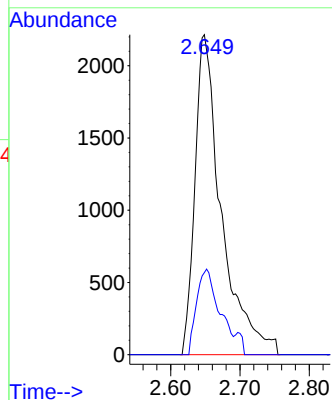




#13
Acetone
Concen: 1.87 ug/l
RT: 2.649 min Scan# 407
Delta R.T. 0.006 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

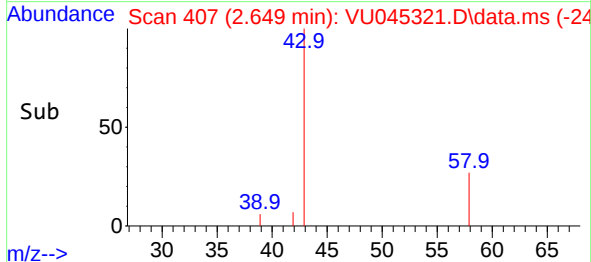


Tgt Ion: 43 Resp: 5874
Ion Ratio Lower Upper
43 100
58 25.6 27.1 40.7#



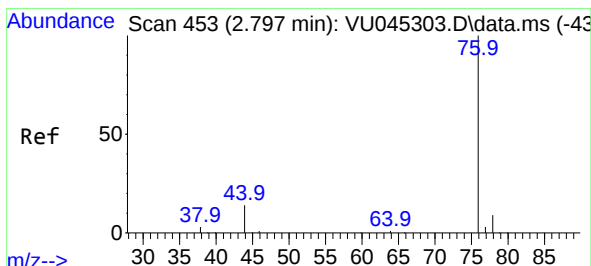
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

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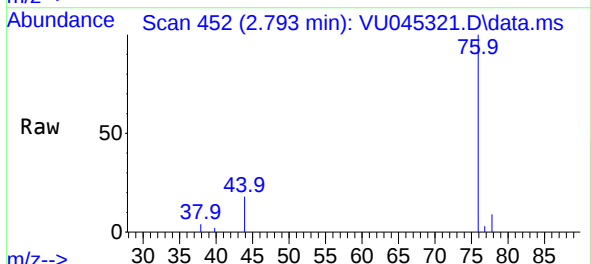


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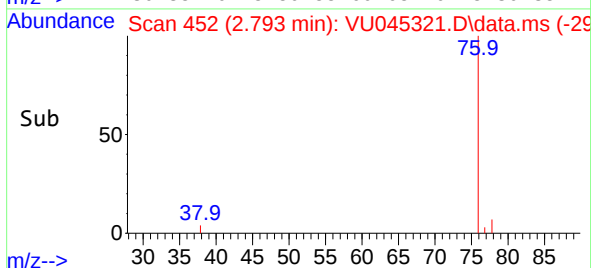
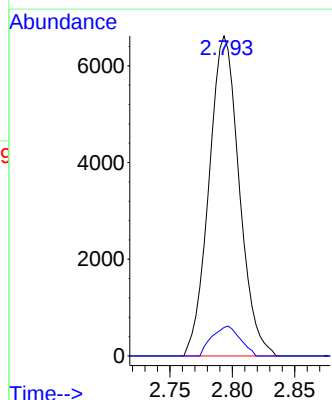
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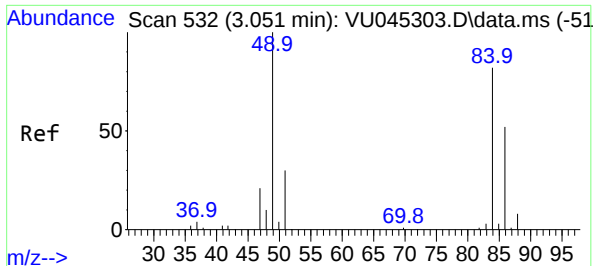


#14
Carbon Disulfide
Concen: 0.35 ug/l
RT: 2.793 min Scan# 452
Delta R.T. -0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53



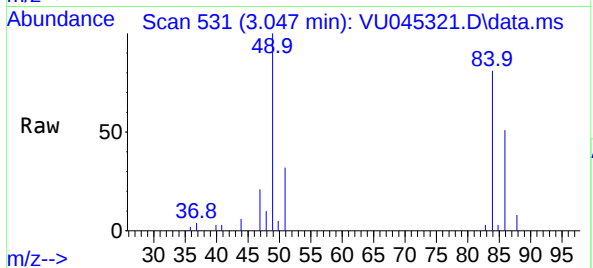
Tgt Ion: 76 Resp: 11175
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7





#15
Methylene Chloride
Concen: 0.77 ug/l
RT: 3.047 min Scan# 531
Delta R.T. -0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

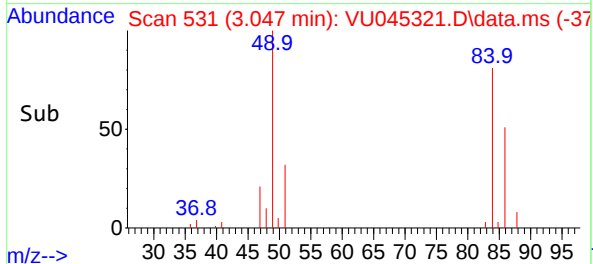
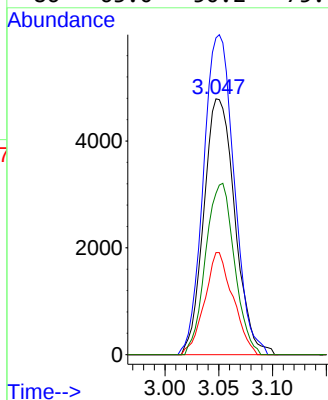
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021



Tgt Ion: 84 Resp: 9637

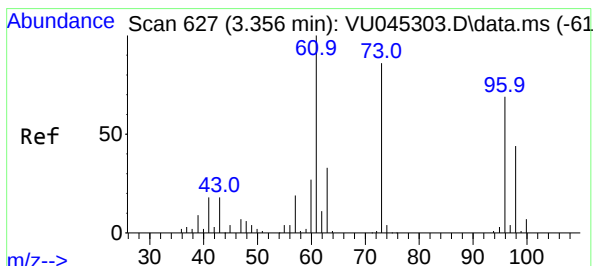
Ion	Ratio	Lower	Upper
84	100		
49	123.8	97.2	145.8
51	39.9	0.0	73.4
86	63.0	50.2	75.4

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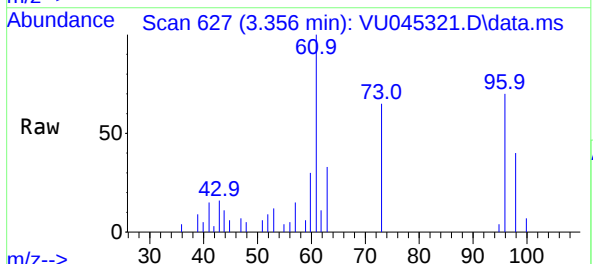


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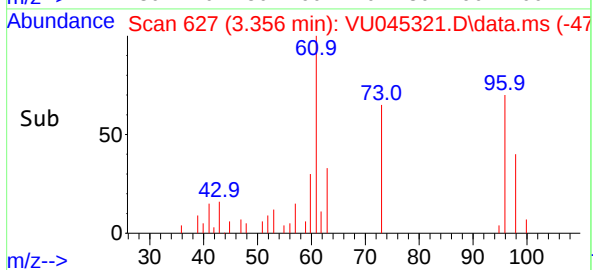
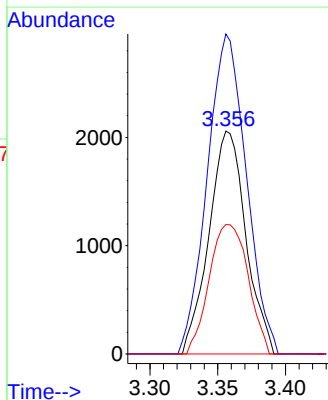


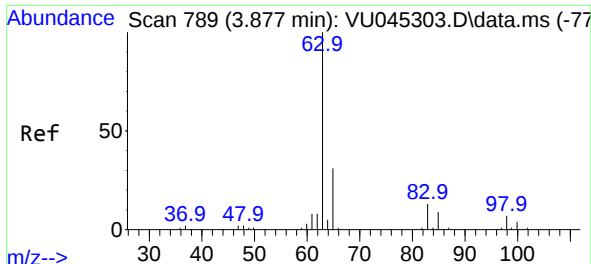
#16
trans-1,2-Dichloroethene
Concen: 0.35 ug/l
RT: 3.356 min Scan# 627
Delta R.T. -0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53



Tgt Ion: 96 Resp: 3900

Ion	Ratio	Lower	Upper
96	100		
61	143.6	115.8	173.6
98	58.0	51.1	76.7



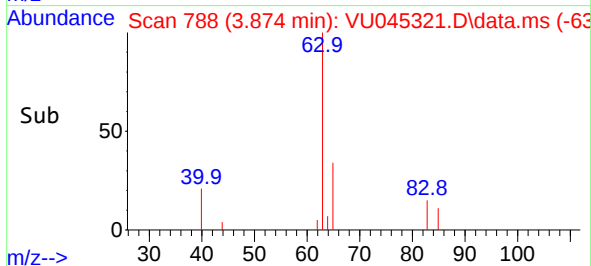
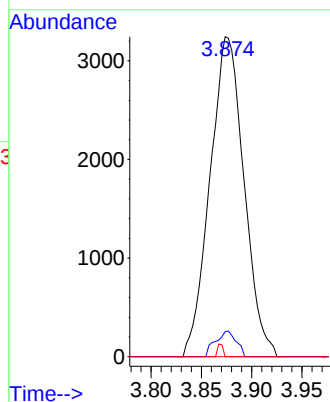
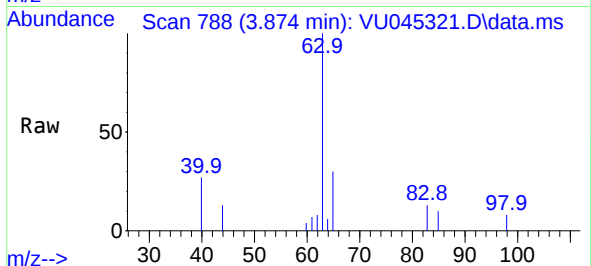


#17
1,1-Dichloroethane
Concen: 0.37 ug/l
RT: 3.874 min Scan# 788
Delta R.T. -0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion:	63	Resp:	7637
Ion Ratio	Lower	Upper	
63	100		
98	7.8	3.6	10.8
100	0.0	2.1	6.5#

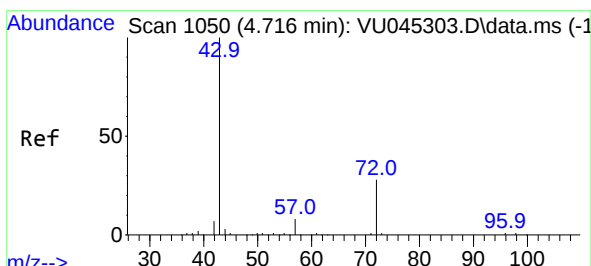
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

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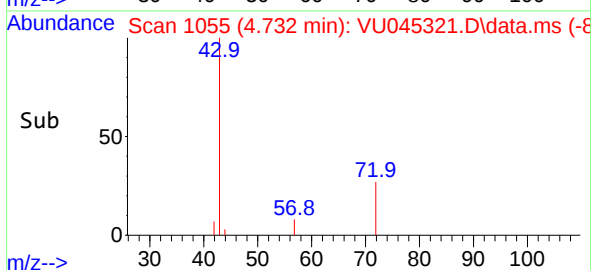
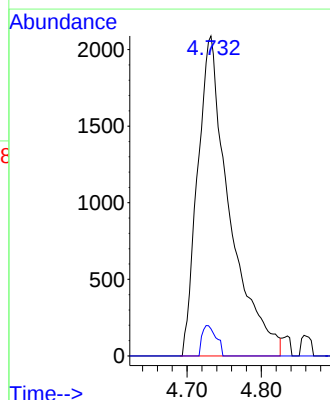
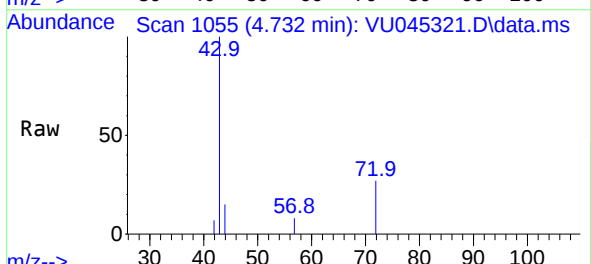
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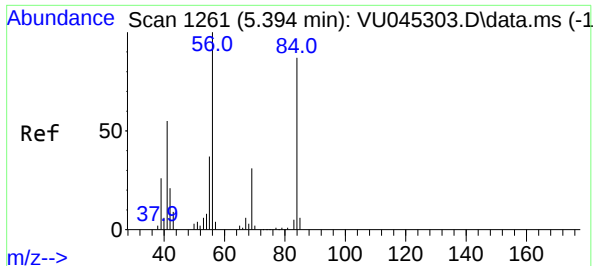
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#18
2-Butanone
Concen: 1.56 ug/l
RT: 4.732 min Scan# 1055
Delta R.T. 0.016 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion:	43	Resp:	6228
Ion Ratio	Lower	Upper	
43	100		
57	8.5	0.0	16.6



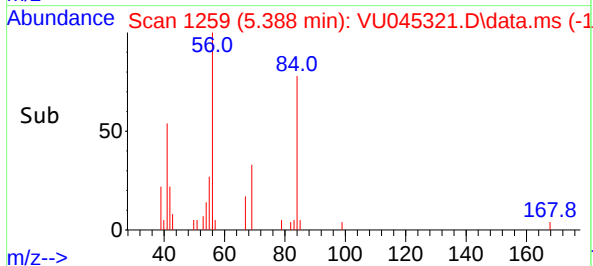
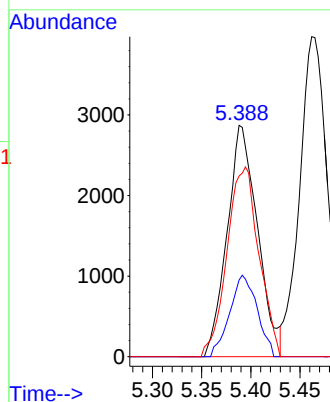
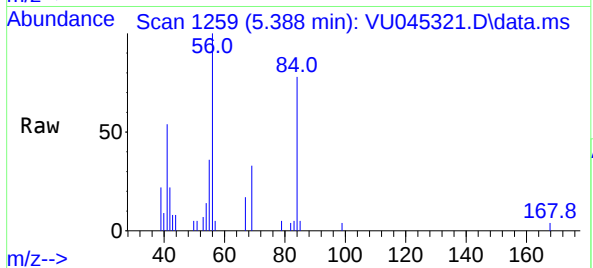


#19
Cyclohexane
Concen: 0.32 ug/l m
RT: 5.388 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion:	56	Resp:	6179
Ion Ratio	Lower	Upper	
56	100		
69	31.7	24.7	37.1
84	86.0	68.8	103.2

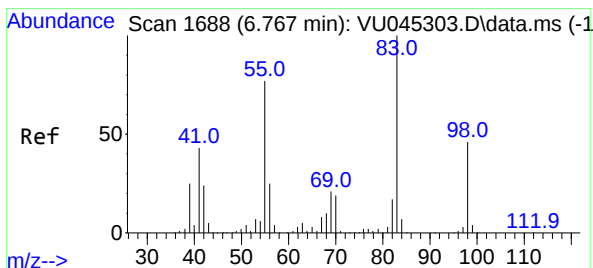
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

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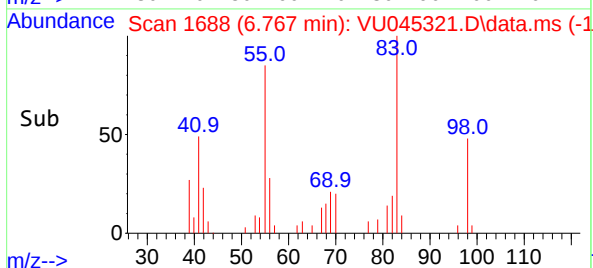
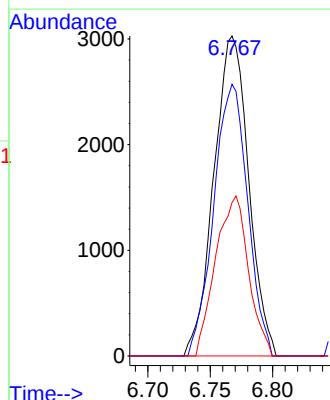
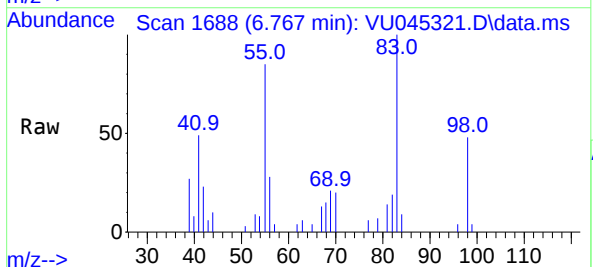
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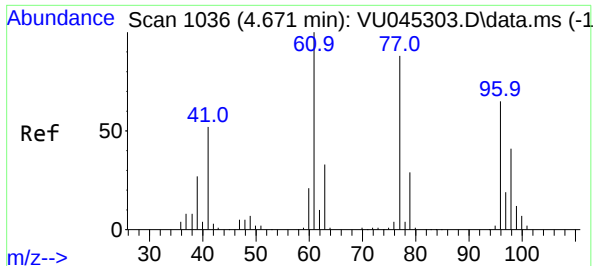
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#20
Methylcyclohexane
Concen: 0.31 ug/l
RT: 6.767 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion:	83	Resp:	5893
Ion Ratio	Lower	Upper	
83	100		
55	82.6	61.9	92.9
98	47.2	37.4	56.2



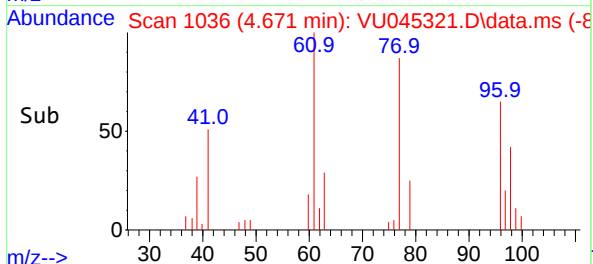
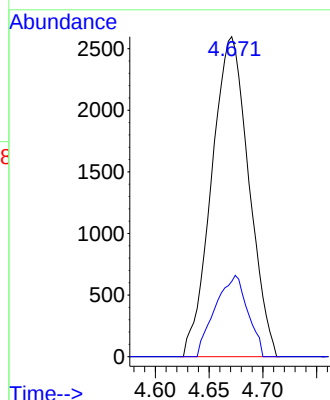
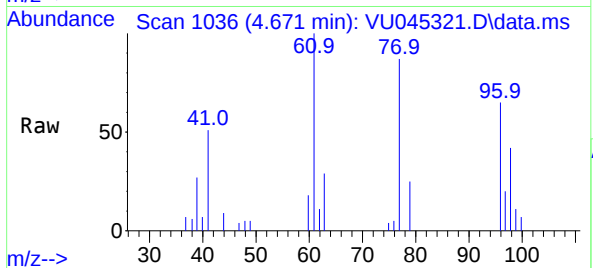


#21
2,2-Dichloropropane
Concen: 0.35 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion: 77 Resp: 6241
Ion Ratio Lower Upper
77 100
97 22.1 17.2 25.8

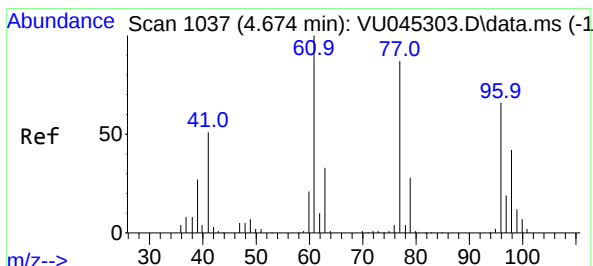
Instrument :
MSVOA_U
ClientSampleId :
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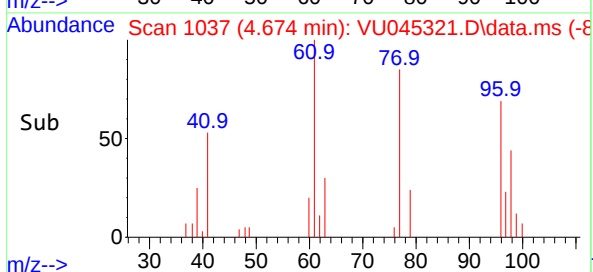
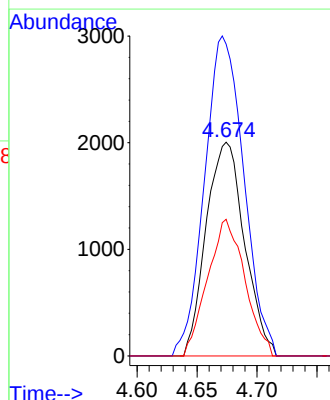
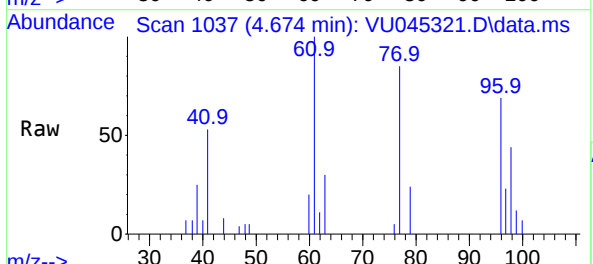
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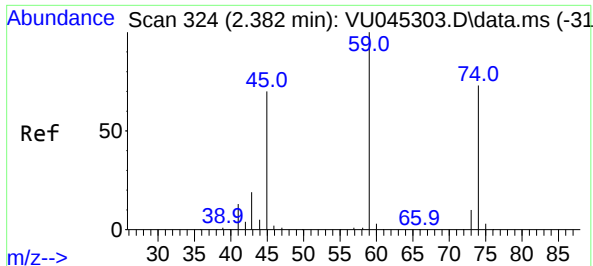
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#22
cis-1,2-Dichloroethene
Concen: 0.37 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion: 96 Resp: 4461
Ion Ratio Lower Upper
96 100
61 153.1 0.0 385.3
98 62.0 32.1 96.3



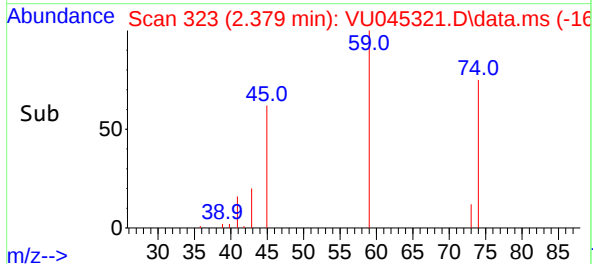
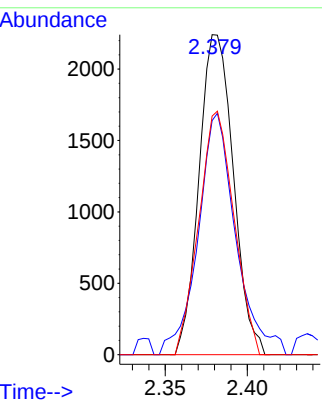
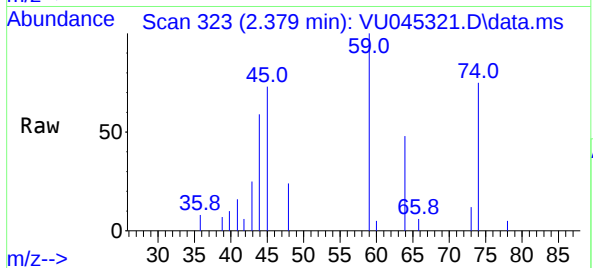


#23
Diethyl Ether
Concen: 0.33 ug/l
RT: 2.379 min Scan# 323
Delta R.T. -0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion: 59	Resp: 3258
Ion Ratio	Lower Upper
59 100	
45 82.8	55.6 83.4
74 77.8	58.1 87.1

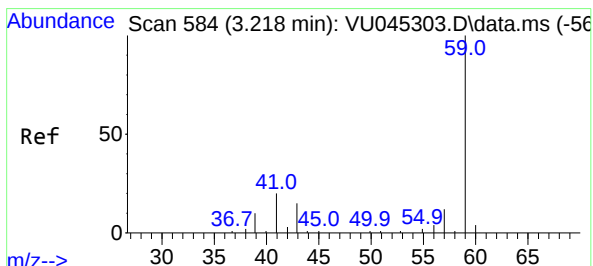
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

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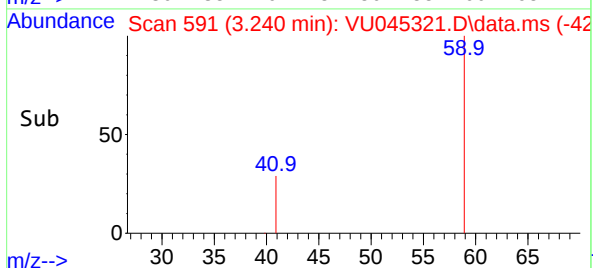
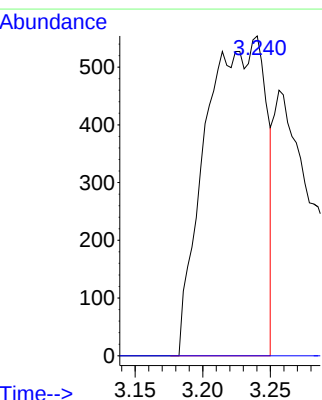
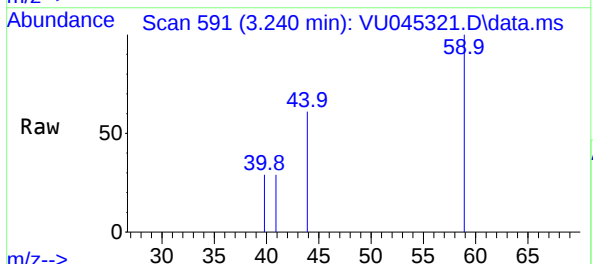
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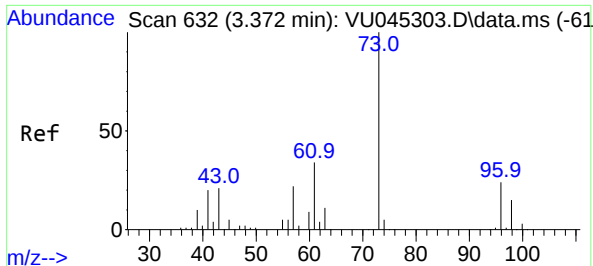
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#24
tert-Butyl Alcohol
Concen: 2.23 ug/l m
RT: 3.240 min Scan# 591
Delta R.T. 0.022 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion: 59	Resp: 1706
Ion Ratio	Lower Upper
59 100	
57 0.0	6.5 9.7#



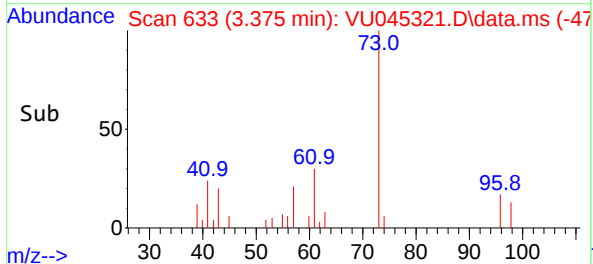
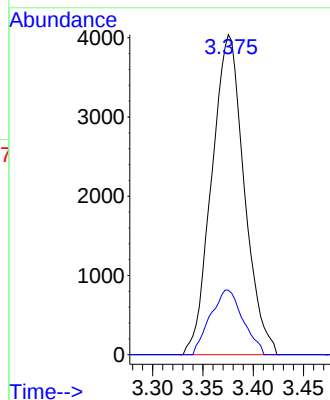
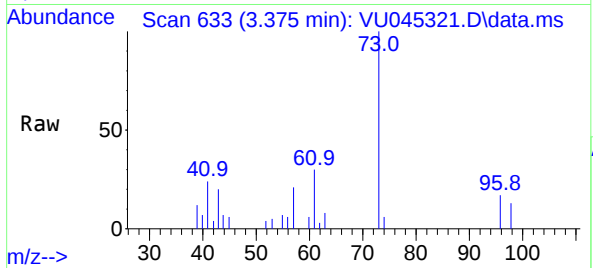


#25
Methyl tert-Butyl Ether
Concen: 0.31 ug/l
RT: 3.375 min Scan# 633
Delta R.T. 0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion: 73 Resp: 9081
Ion Ratio Lower Upper
73 100
43 20.3 16.3 24.5

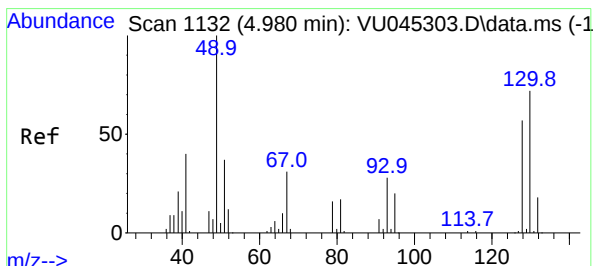
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

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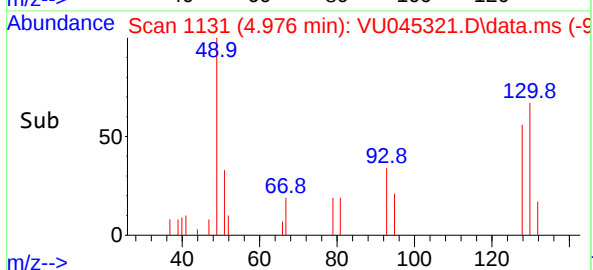
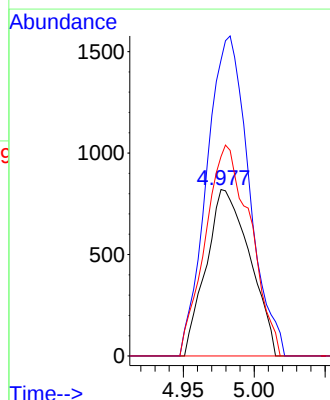
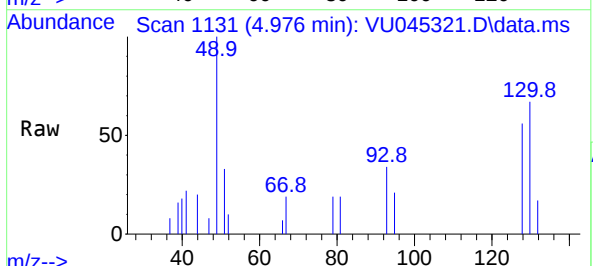
MMDadoda

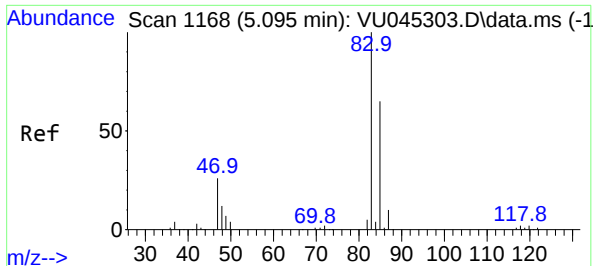
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#26
Bromochloromethane
Concen: 0.34 ug/l
RT: 4.976 min Scan# 1131
Delta R.T. -0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion: 128 Resp: 1754
Ion Ratio Lower Upper
128 100
49 186.7 0.0 347.4
130 131.1 101.5 152.3





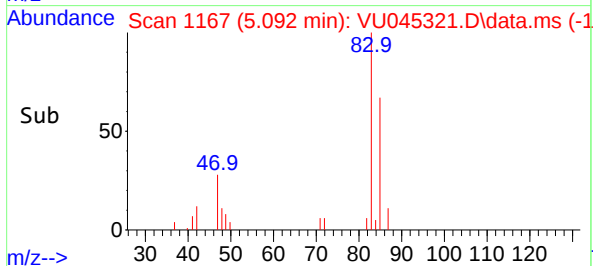
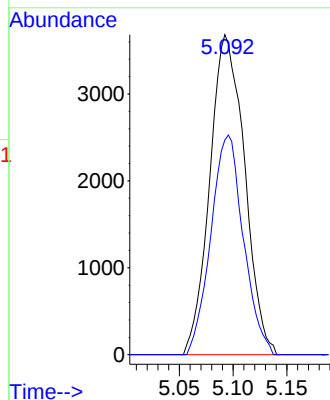
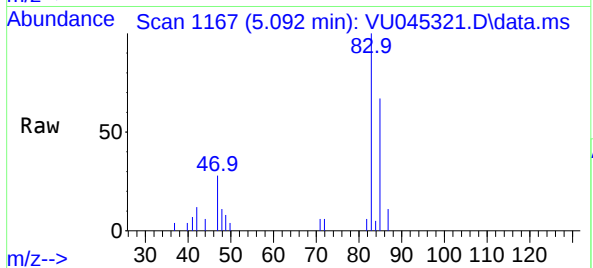
#27

Chloroform
Concen: 0.39 ug/l
RT: 5.092 min Scan# 1167
Delta R.T. -0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion: 83 Resp: 8285
Ion Ratio Lower Upper
83 100
85 67.1 0.0 129.2

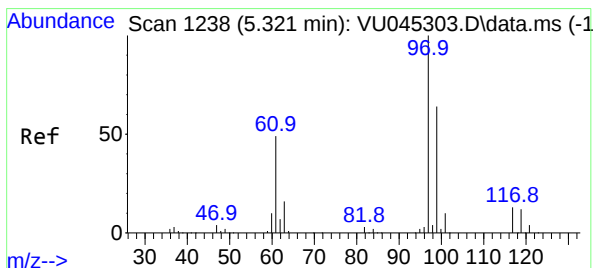
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MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

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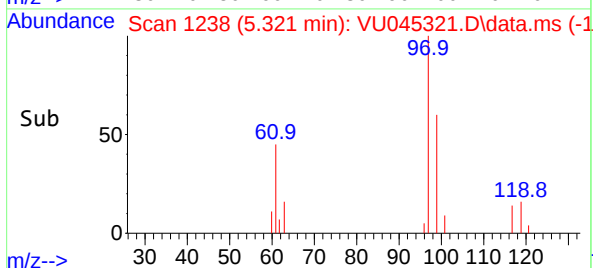
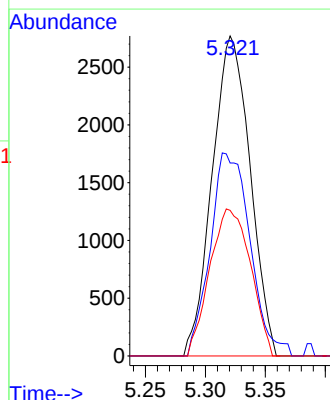
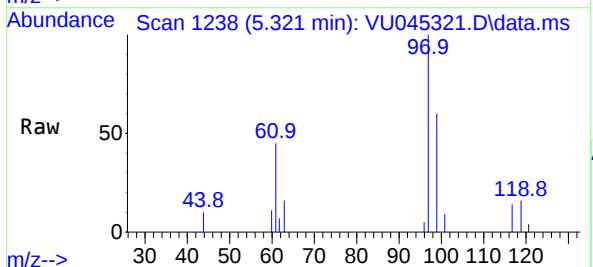
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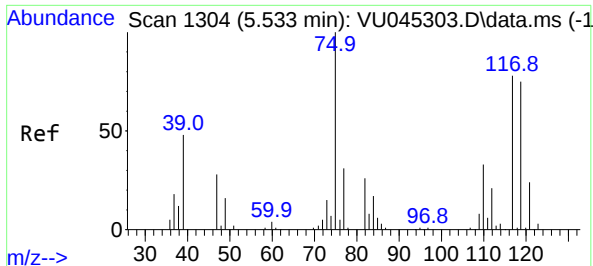


#28

1,1,1-Trichloroethane
Concen: 0.35 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion: 97 Resp: 6092
Ion Ratio Lower Upper
97 100
99 66.8 32.2 96.6
61 49.3 24.5 73.5



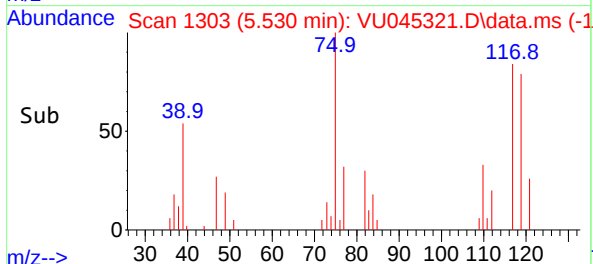
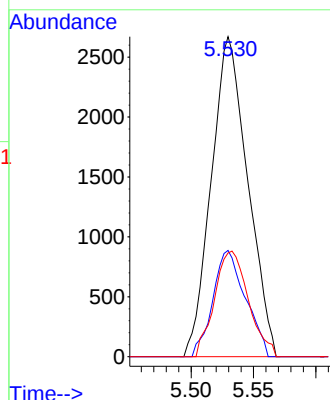
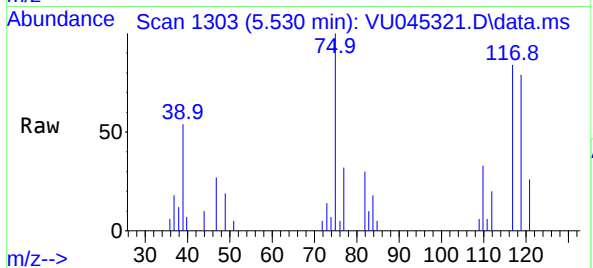


#29
1,1-Dichloropropene
Concen: 0.34 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. -0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion:	75	Resp:	5435
Ion	Ratio	Lower	Upper
75	100		
110	29.8	16.8	50.3
77	30.8	24.7	37.1

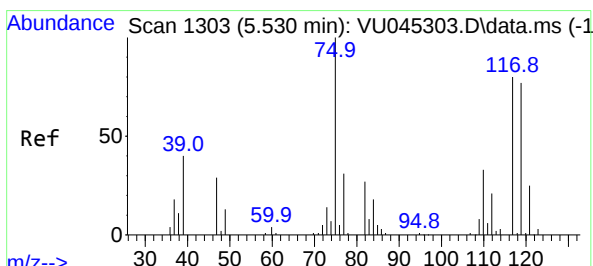
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MSVOA_U
ClientSampleId :
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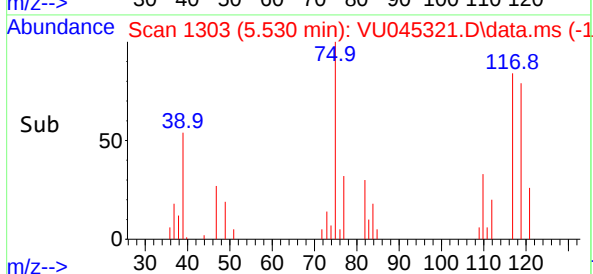
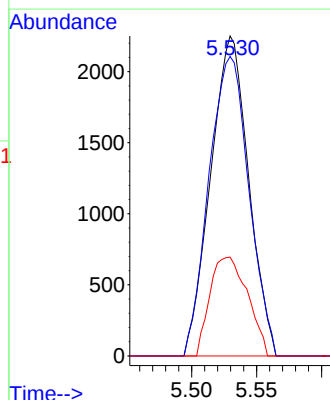
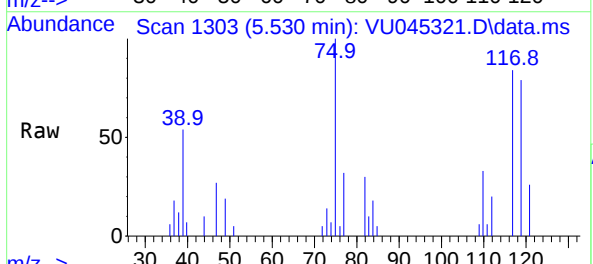
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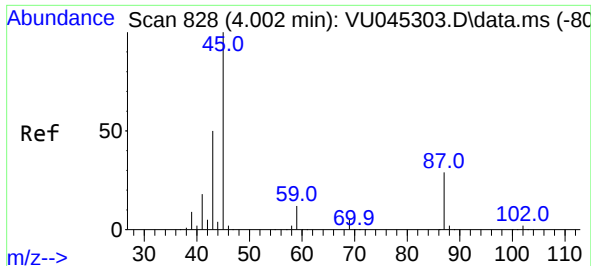
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#30
Carbon Tetrachloride
Concen: 0.34 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion:	117	Resp:	4572
Ion	Ratio	Lower	Upper
117	100		
119	93.6	76.8	115.2
121	30.9	24.6	37.0



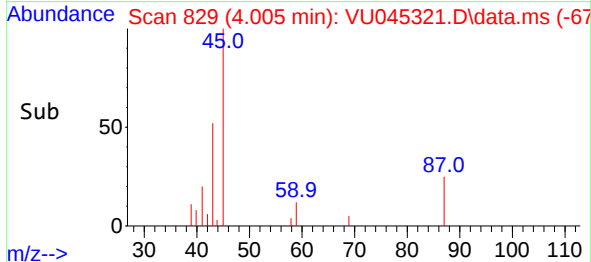
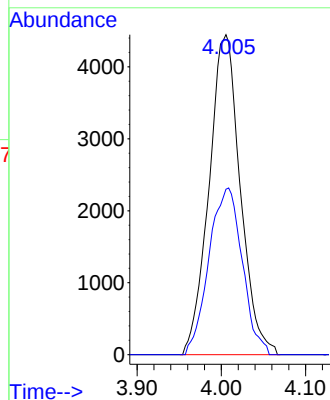
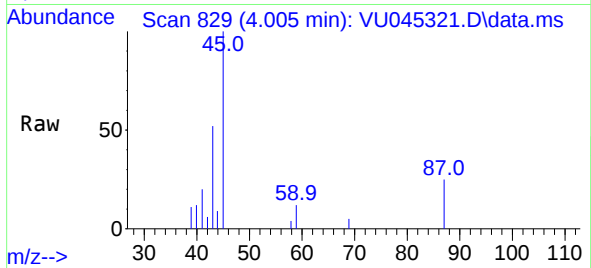


#31
Isopropyl Ether
Concen: 0.35 ug/l
RT: 4.005 min Scan# 829
Delta R.T. 0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion: 45 Resp: 11473
Ion Ratio Lower Upper
45 100
43 55.5 25.3 75.8

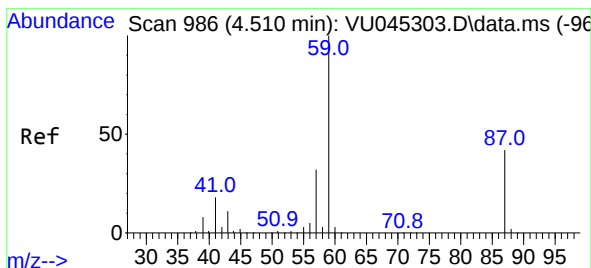
Instrument :
MSVOA_U
ClientSampleId :
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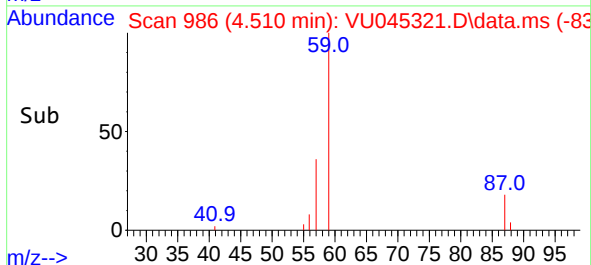
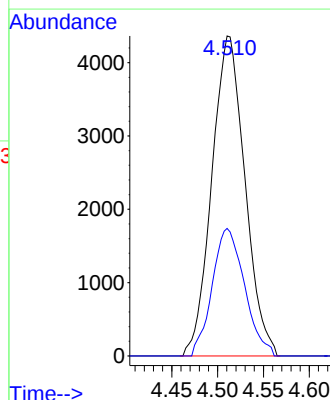
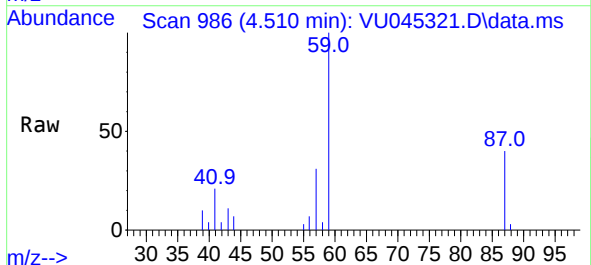
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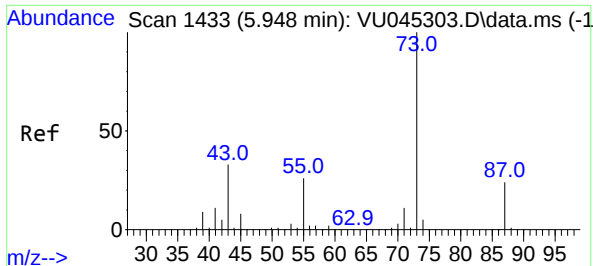
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#32
Ethyl-t-butyl ether
Concen: 0.33 ug/l
RT: 4.510 min Scan# 986
Delta R.T. 0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion: 59 Resp: 10977
Ion Ratio Lower Upper
59 100
87 38.8 32.7 49.1



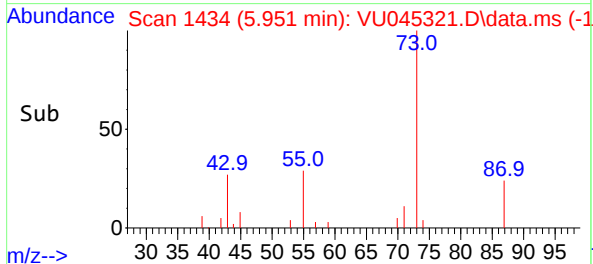
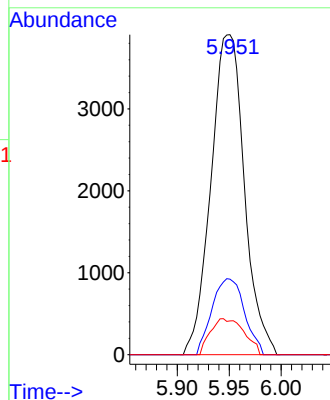
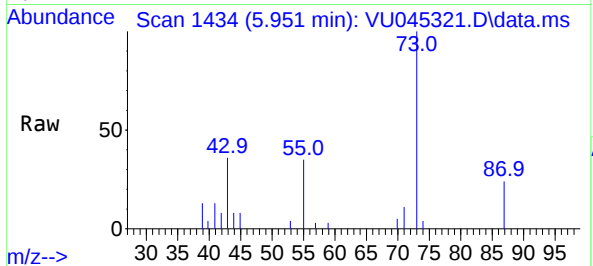


Tert-Amyl methyl ether
Concen: 0.30 ug/l
RT: 5.951 min Scan# 1434
Delta R.T. 0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion: 73	Resp: 8737
Ion Ratio	Lower Upper
73 100	
87 23.1	18.6 28.0
71 11.4	9.0 13.6

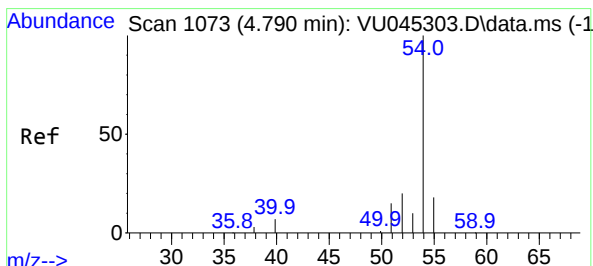
Instrument :
MSVOA_U
ClientSampleId :
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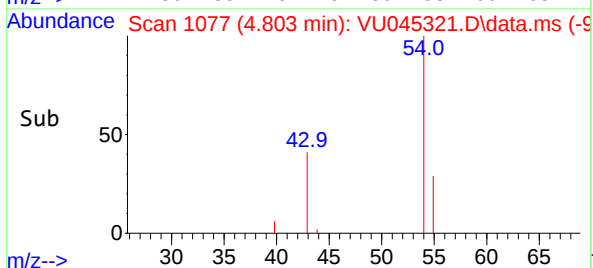
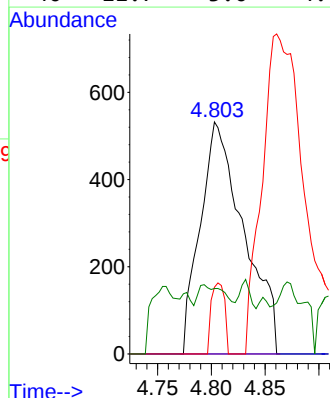
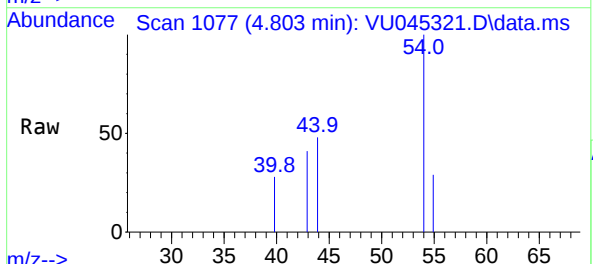
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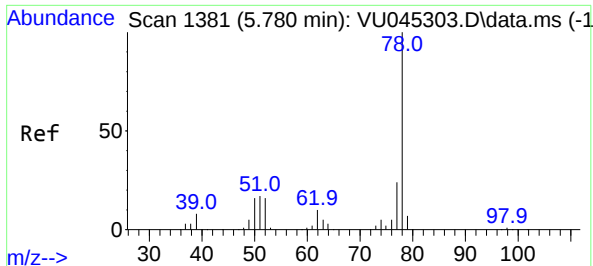
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Propionitrile
Concen: 1.51 ug/l
RT: 4.803 min Scan# 1077
Delta R.T. 0.013 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion: 54	Resp: 1500
Ion Ratio	Lower Upper
54 100	
52 0.0	11.9 17.9#
55 9.3	8.0 12.0
40 11.7	3.0 4.4#



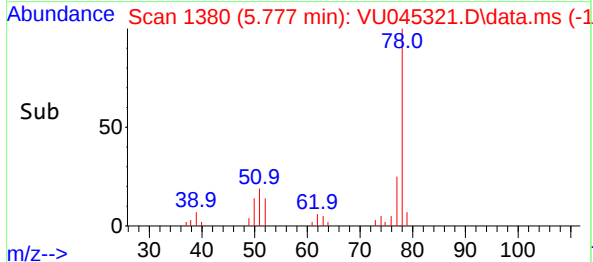
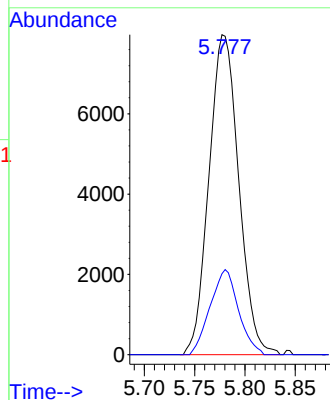
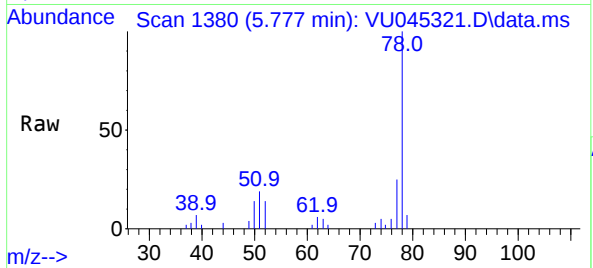


#35
Benzene
Concen: 0.36 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion: 78 Resp: 16445
Ion Ratio Lower Upper
78 100
77 25.3 19.1 28.7

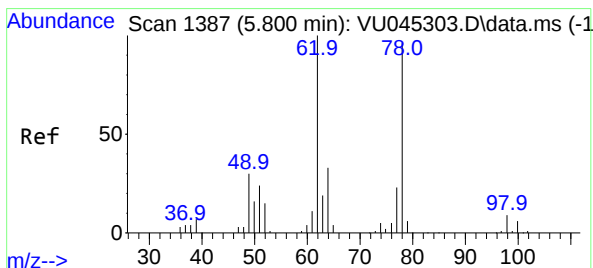
Instrument :
MSVOA_U
ClientSampleId :
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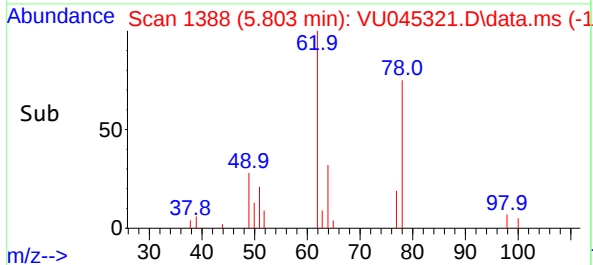
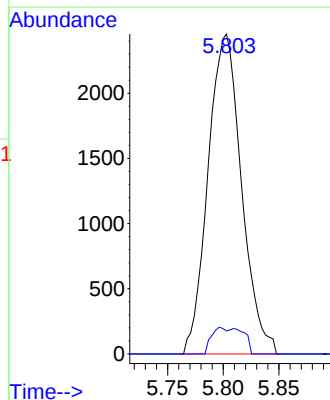
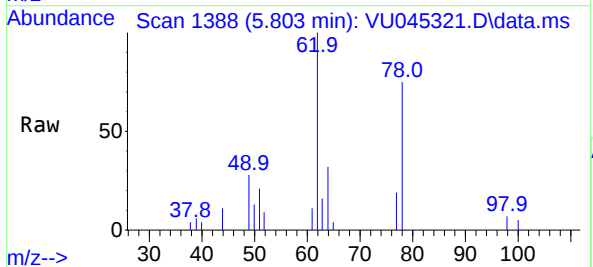
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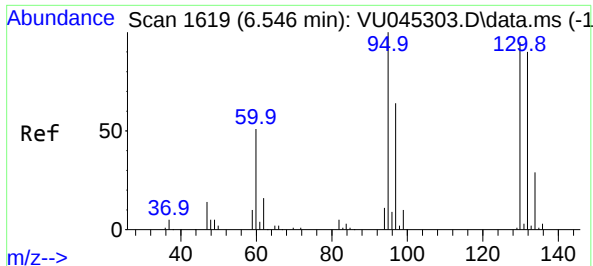
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#36
1,2-Dichloroethane
Concen: 0.35 ug/l
RT: 5.803 min Scan# 1388
Delta R.T. 0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion: 62 Resp: 5134
Ion Ratio Lower Upper
62 100
98 3.8 7.3 10.9#



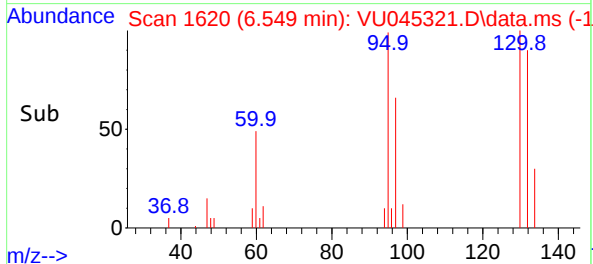
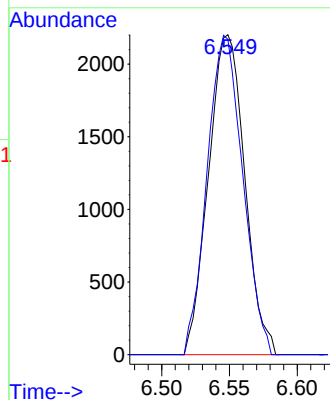
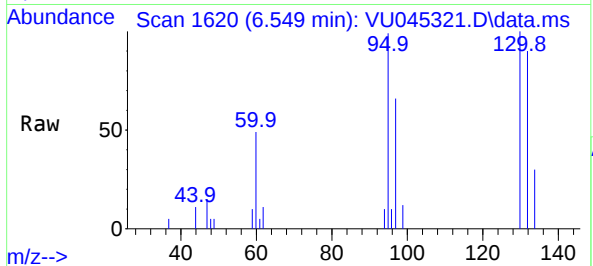


#37
Trichloroethene
Concen: 0.36 ug/l
RT: 6.549 min Scan# 1620
Delta R.T. 0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion: 130 Resp: 4091
Ion Ratio Lower Upper
130 100
95 98.5 83.8 125.8

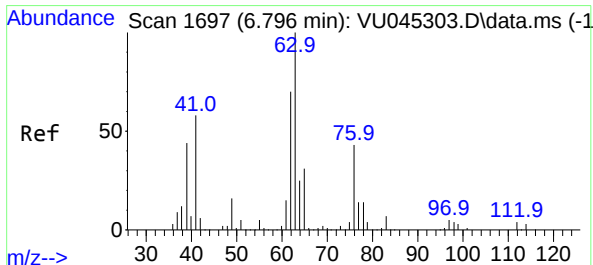
Instrument :
MSVOA_U
ClientSampleId :
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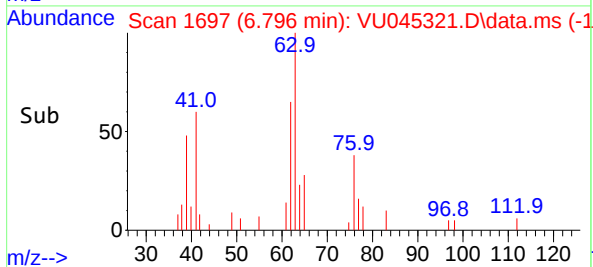
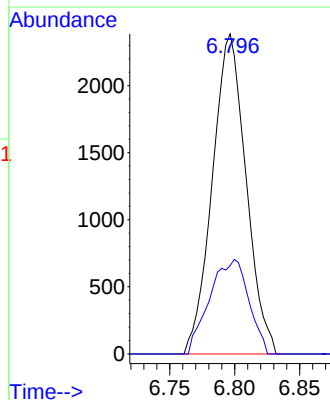
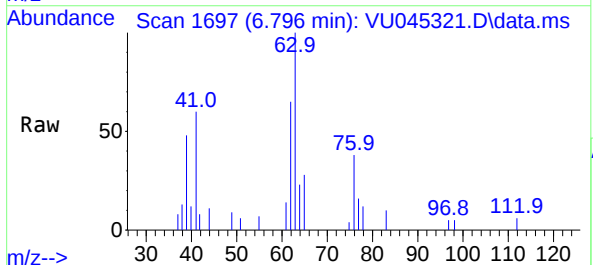
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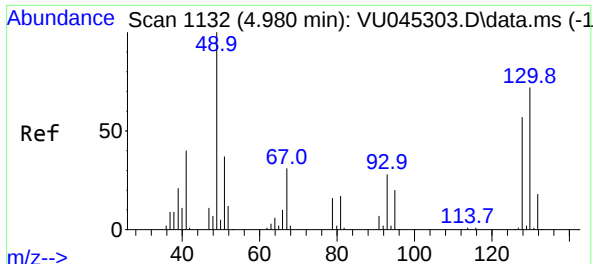
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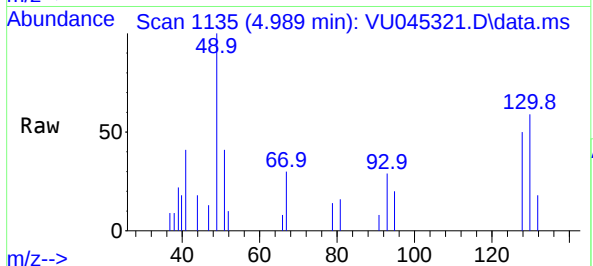
#38
1,2-Dichloropropane
Concen: 0.36 ug/l
RT: 6.796 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion: 63 Resp: 4296
Ion Ratio Lower Upper
63 100
65 27.6 24.7 37.1

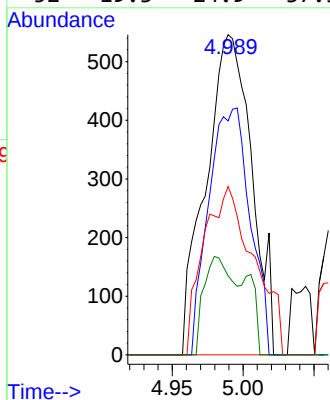




#39
Methacrylonitrile
Concen: 0.31 ug/l
RT: 4.989 min Scan# 1135
Delta R.T. 0.010 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53



Tgt Ion	Ratio	Lower	Upper
41	100		
67	69.6	65.2	97.8
39	57.6	43.0	64.6
52	19.3	24.9	37.3#

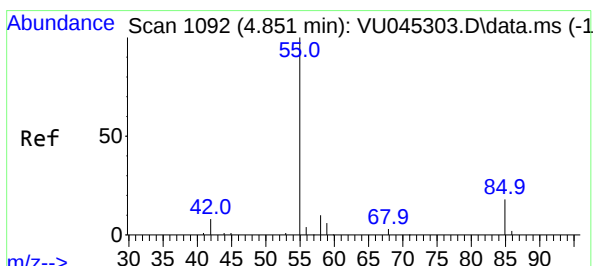


Instrument :
MSVOA_U
ClientSampleId :
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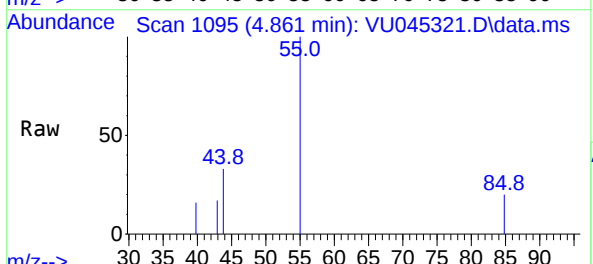
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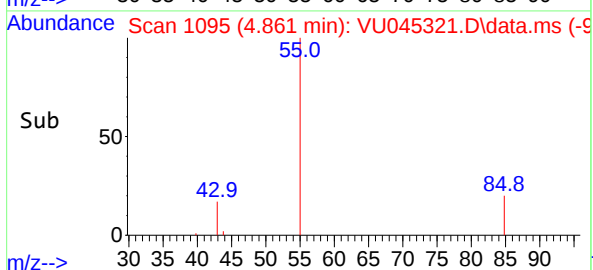
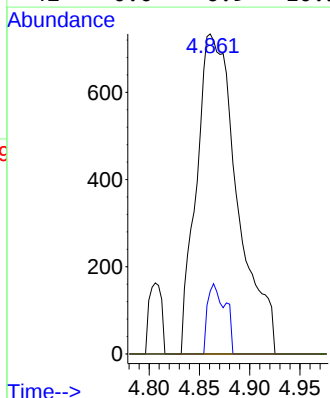
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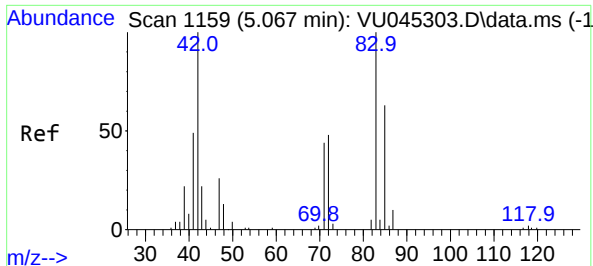


#40
Methyl acrylate
Concen: 0.32 ug/l
RT: 4.861 min Scan# 1095
Delta R.T. 0.010 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53



Tgt Ion	Ratio	Lower	Upper
55	100		
85	9.4	12.2	18.2#
58	0.0	6.7	10.1#
42	0.0	6.9	10.3#





#41

Tetrahydrofuran

Concen: 0.69 ug/l

RT: 5.076 min Scan# 1162

Delta R.T. 0.010 min

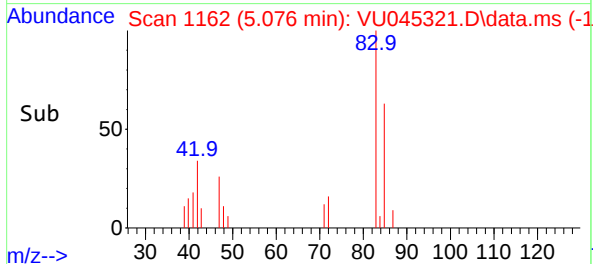
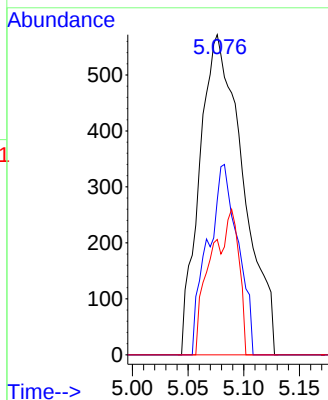
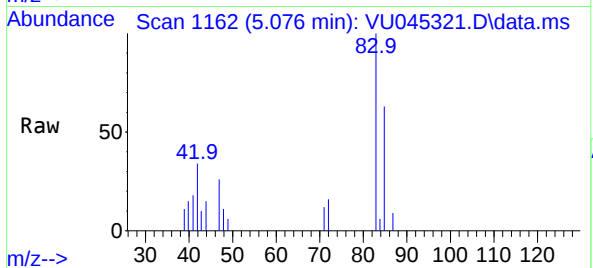
Lab File: VU045321.D

Acq: 15 Oct 2021 14:53

Tgt Ion:	42	Resp:	1560
Ion Ratio	Lower	Upper	
42	100		
72	0.0	42.4	63.6#
71	14.0	36.4	54.6#

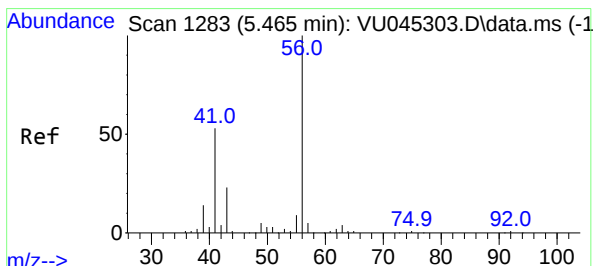
Instrument :
MSVOA_U
ClientSampleId :
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#42

1-Chlorobutane

Concen: 0.35 ug/l

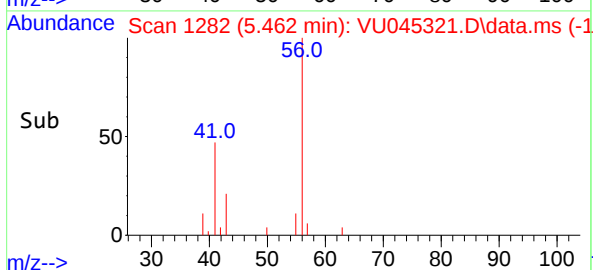
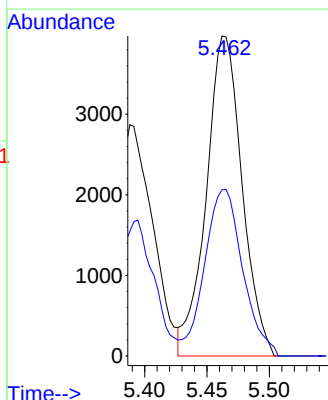
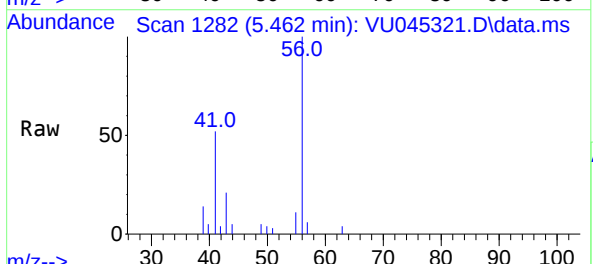
RT: 5.462 min Scan# 1282

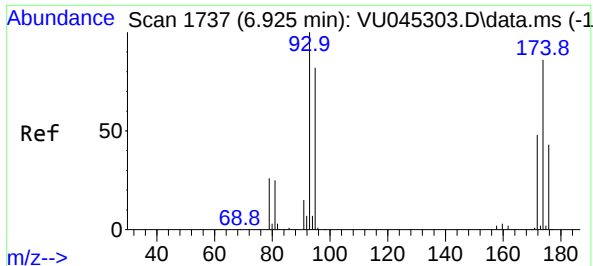
Delta R.T. -0.003 min

Lab File: VU045321.D

Acq: 15 Oct 2021 14:53

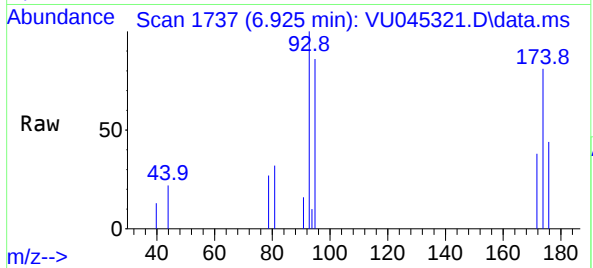
Tgt Ion:	56	Resp:	7932
Ion Ratio	Lower	Upper	
56	100		
41	55.0	26.0	78.0





#43
Dibromomethane
Concen: 0.32 ug/l
RT: 6.925 min Scan# 1737
Delta R.T. 0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

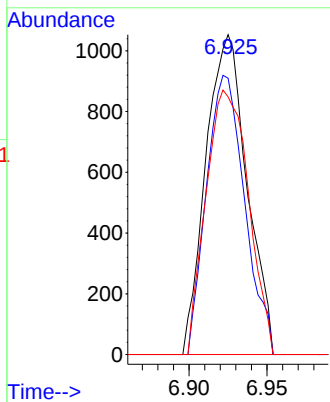
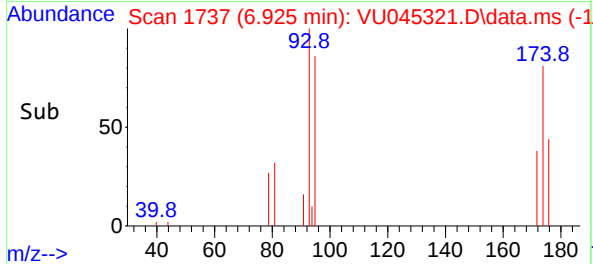
Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 93 Resp: 1929

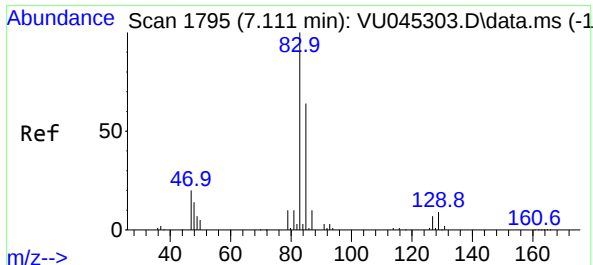
Ion	Ratio	Lower	Upper
93	100		
95	81.3	66.2	99.2
174	85.5	70.7	106.1

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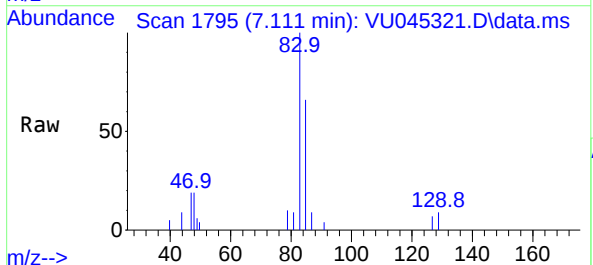


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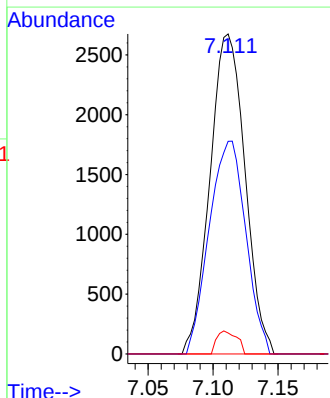
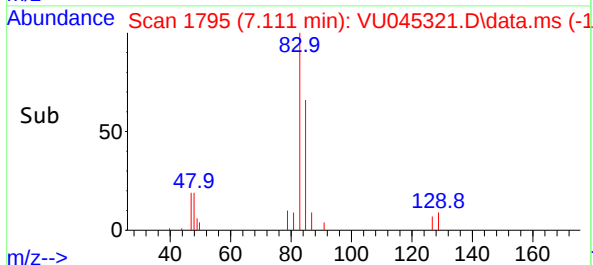


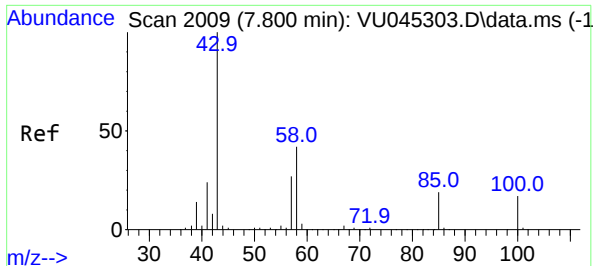
#44
Bromodichloromethane
Concen: 0.34 ug/l
RT: 7.111 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53



Tgt Ion: 83 Resp: 5026

Ion	Ratio	Lower	Upper
83	100		
85	66.4	50.9	76.3
127	6.5	6.0	9.0



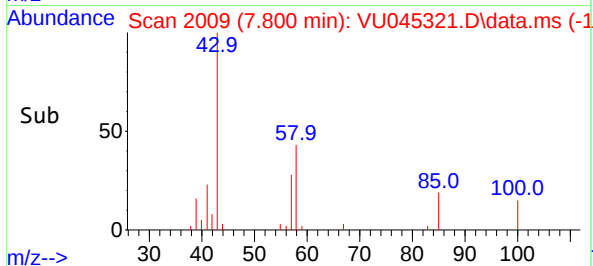
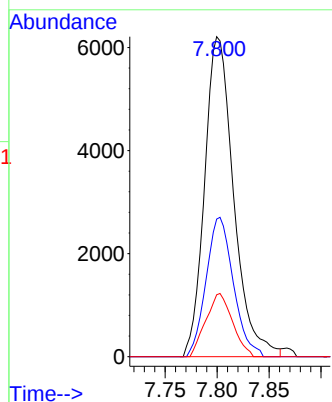
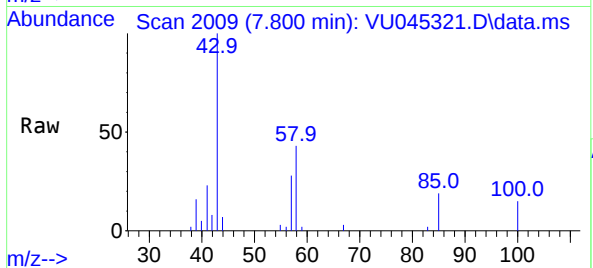


#45
4-Methyl-2-Pentanone
Concen: 1.49 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion:	43	Resp:	12089
Ion	Ratio	Lower	Upper
43	100		
58	40.8	21.0	63.0
85	18.1	14.8	22.2

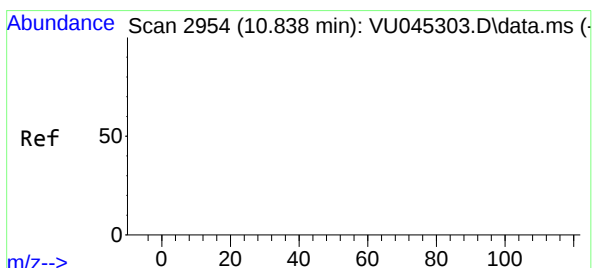
Instrument :
MSVOA_U
ClientSampleId :
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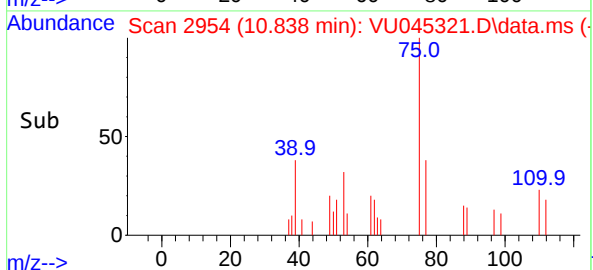
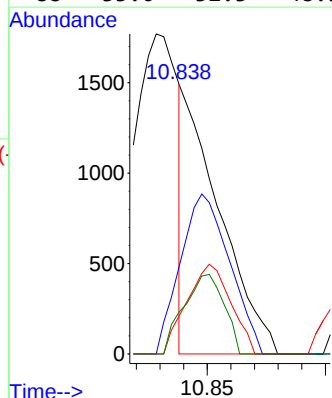
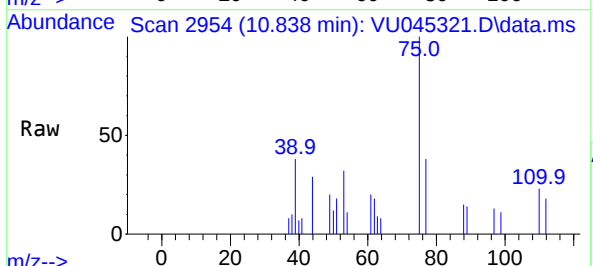
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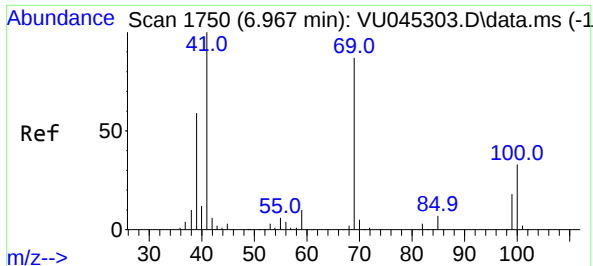
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#46
t-1,4-Dichloro-2-butene
Concen: 0.55 ug/l m
RT: 10.838 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion:	75	Resp:	1579
Ion	Ratio	Lower	Upper
75	100		
53	80.8	66.8	100.2
89	40.5	41.7	62.5#
88	33.0	32.3	48.5

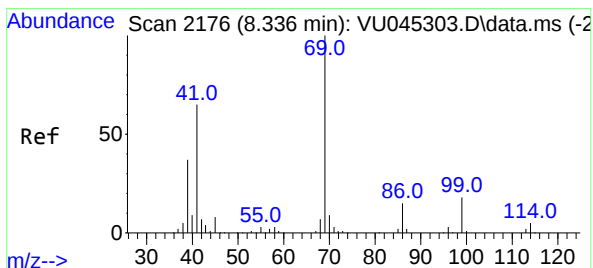
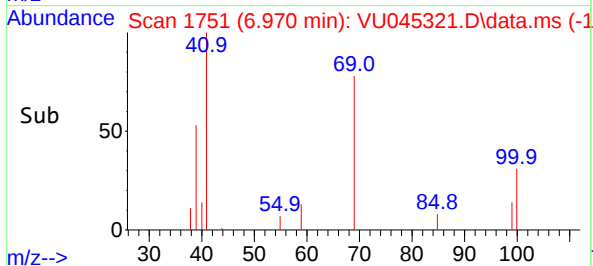
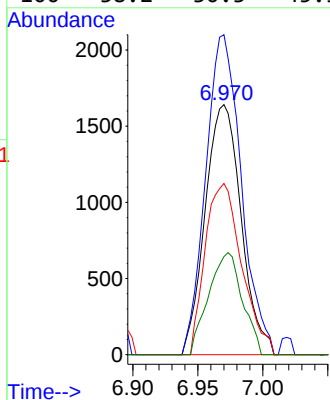
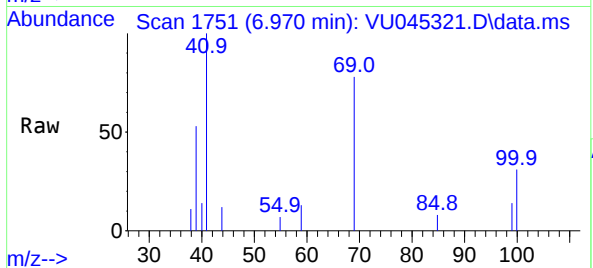




#47

Methyl methacrylate
Concen: 0.53 ug/l
RT: 6.970 min Scan# 1751
Delta R.T. 0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

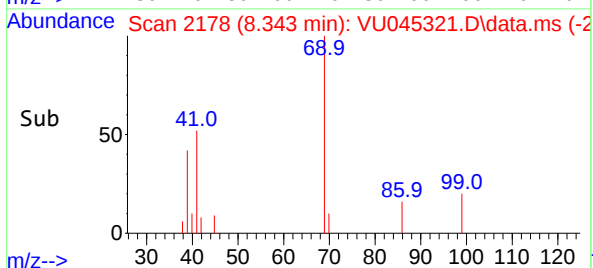
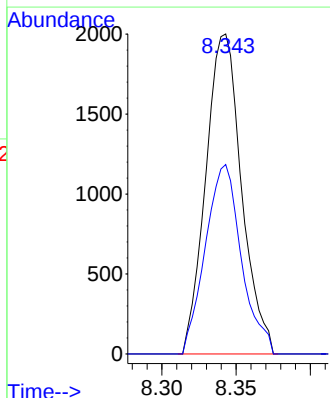
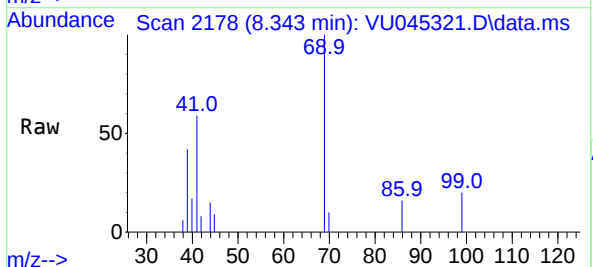
Tgt Ion:	69	Resp:	3168
Ion	Ratio	Lower	Upper
69	100		
41	126.2	0.0	230.0
39	69.4	55.1	82.7
100	38.2	30.3	45.5



#48

Ethyl methacrylate
Concen: 0.28 ug/l
RT: 8.343 min Scan# 2178
Delta R.T. 0.006 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion:	69	Resp:	3352
Ion	Ratio	Lower	Upper
69	100		
41	59.5	32.6	98.0

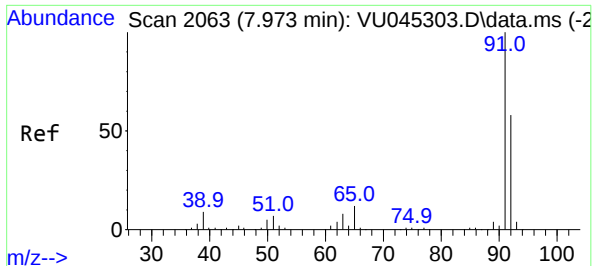


Instrument :
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ClientSampleId :
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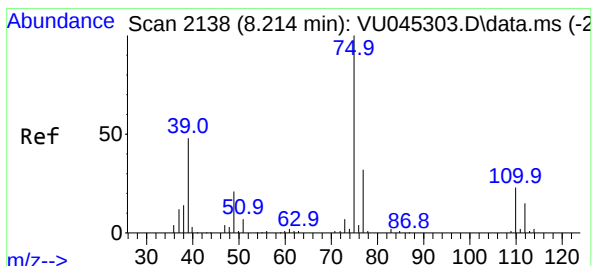
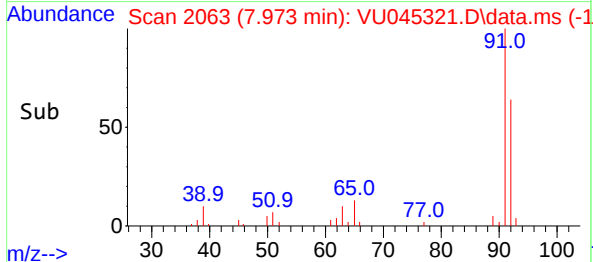
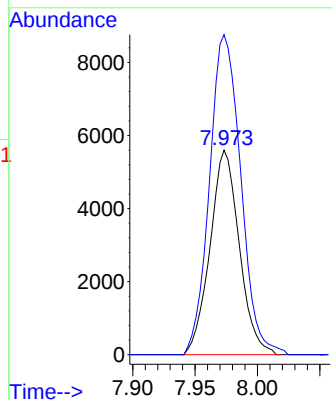
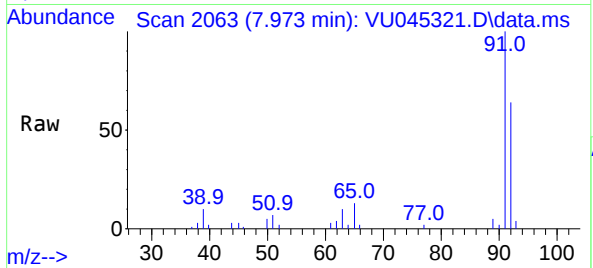


#49
Toluene
Concen: 0.32 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion: 92 Resp: 9165
Ion Ratio Lower Upper
92 100
91 167.1 136.8 205.2

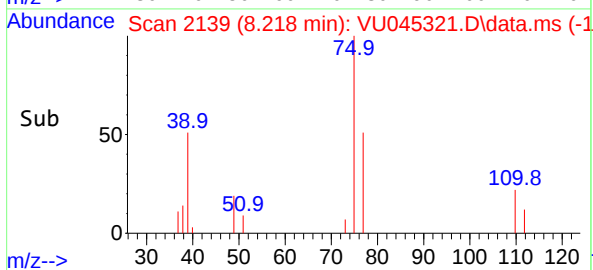
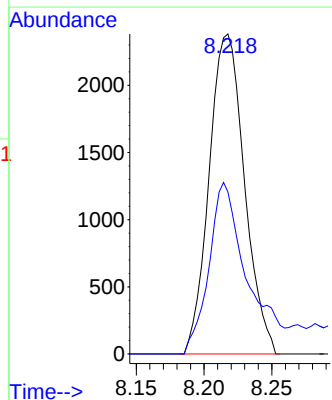
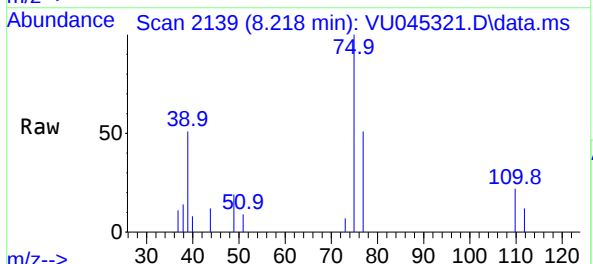
Instrument :
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ClientSampleId :
MDL-WATER-03-QT4-2021

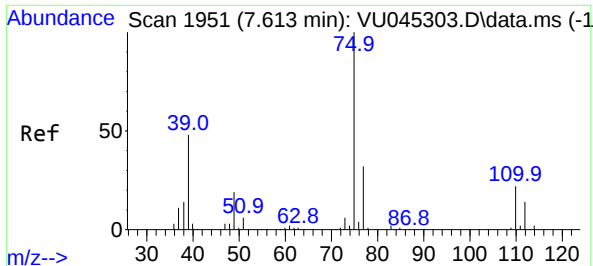
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#50
t-1,3-Dichloropropene
Concen: 0.30 ug/l
RT: 8.218 min Scan# 2139
Delta R.T. 0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion: 75 Resp: 4318
Ion Ratio Lower Upper
75 100
77 50.7 25.6 38.4#



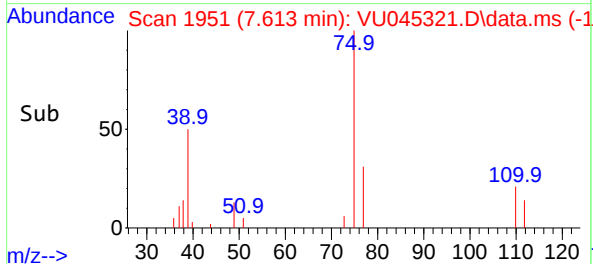
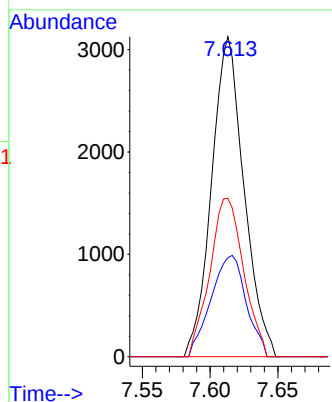
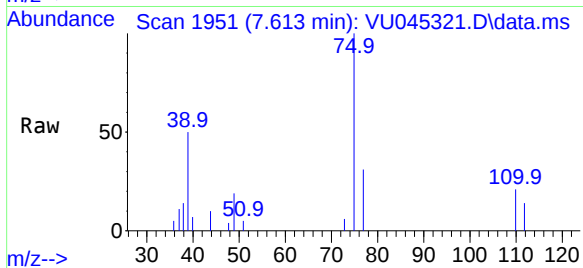


#51
cis-1,3-Dichloropropene
Concen: 0.31 ug/l
RT: 7.613 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion:	75	Resp:	5192
Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.2	37.8
39	49.5	38.6	57.8

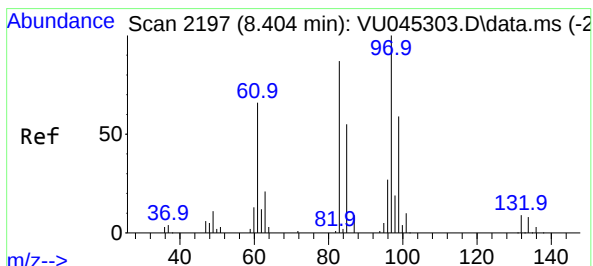
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

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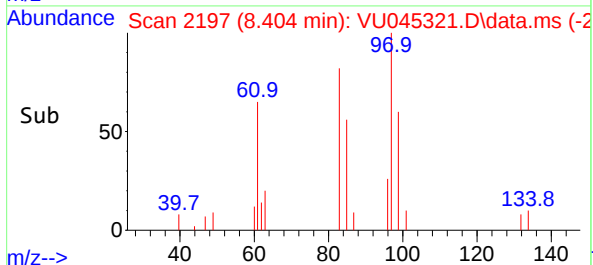
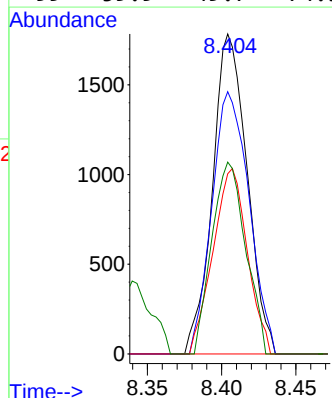
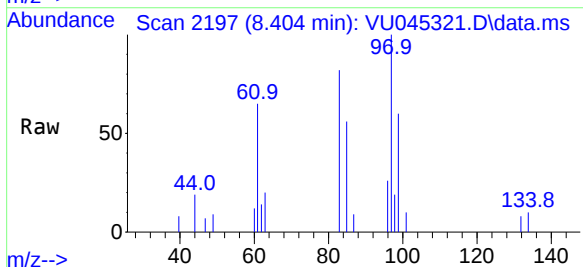
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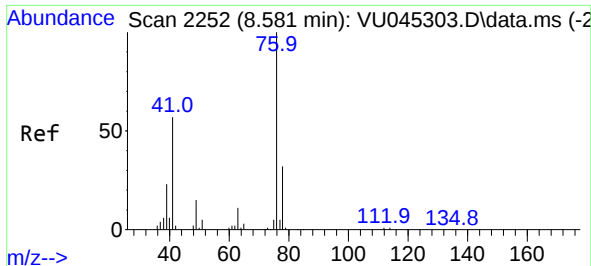
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#52
1,1,2-Trichloroethane
Concen: 0.34 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion:	97	Resp:	2883
Ion	Ratio	Lower	Upper
97	100		
83	82.0	69.8	104.8
85	56.3	44.2	66.4
99	59.9	49.7	74.5



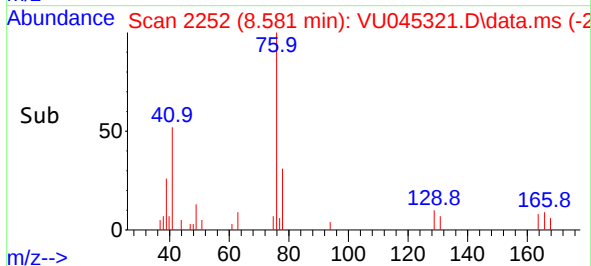
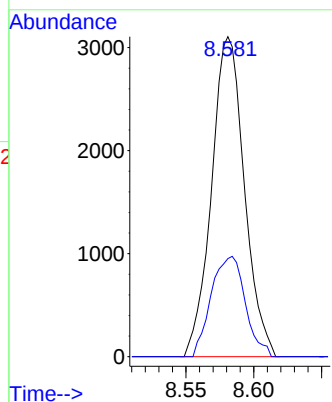
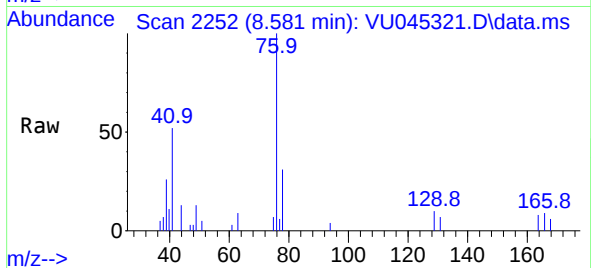


#53
1,3-Dichloropropane
Concen: 0.33 ug/l
RT: 8.581 min Scan# 2252
Delta R.T. 0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion: 76 Resp: 5233
Ion Ratio Lower Upper
76 100
78 32.5 25.4 38.2

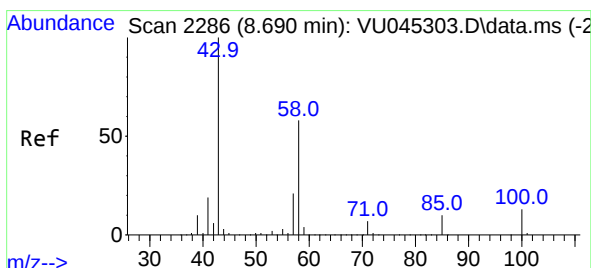
Instrument :
MSVOA_U
ClientSampleId :
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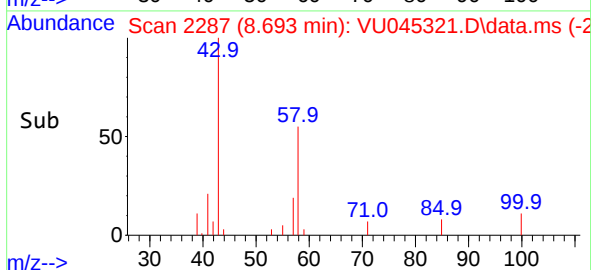
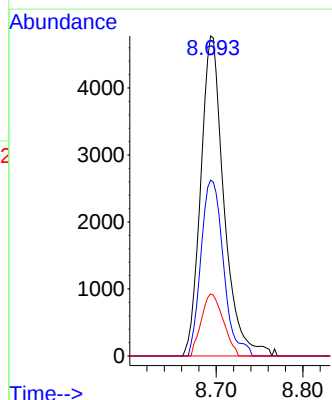
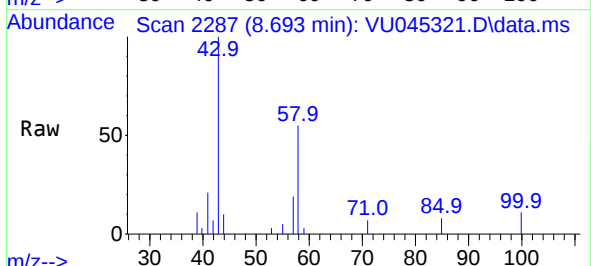
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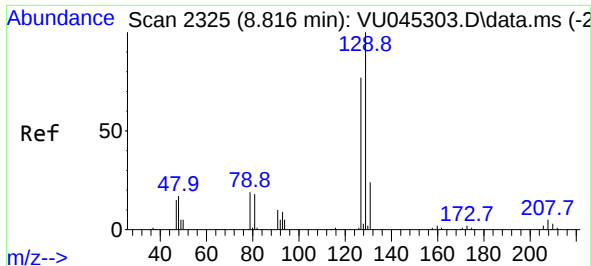
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#54
2-Hexanone
Concen: 1.42 ug/l
RT: 8.693 min Scan# 2287
Delta R.T. 0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion: 43 Resp: 8899
Ion Ratio Lower Upper
43 100
58 53.1 37.7 77.7
57 18.2 0.5 40.5



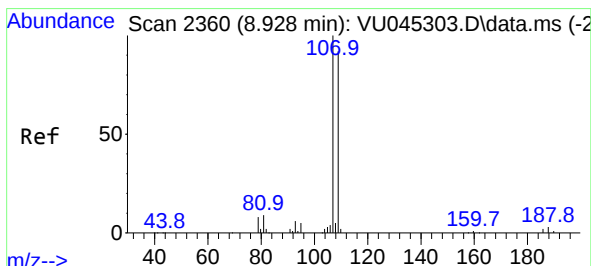
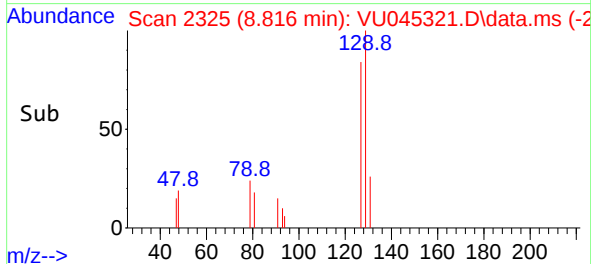
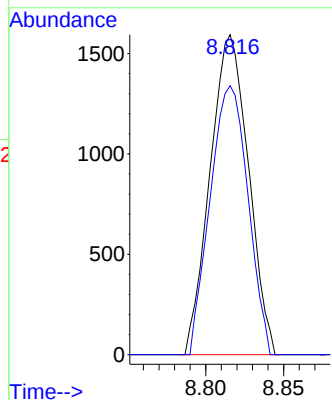
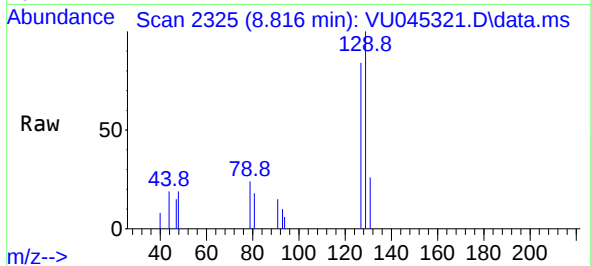


#55
Dibromochloromethane
Concen: 0.30 ug/l
RT: 8.816 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion:129 Resp: 2732
Ion Ratio Lower Upper
129 100
127 82.6 62.2 93.4

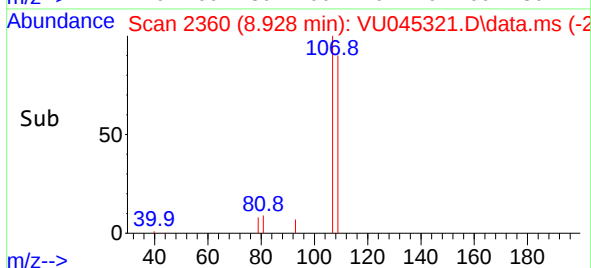
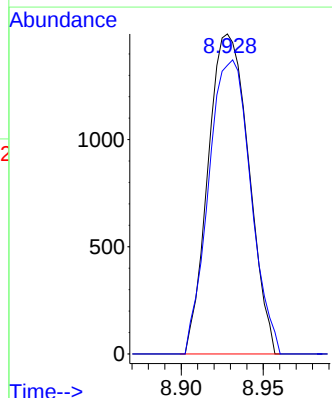
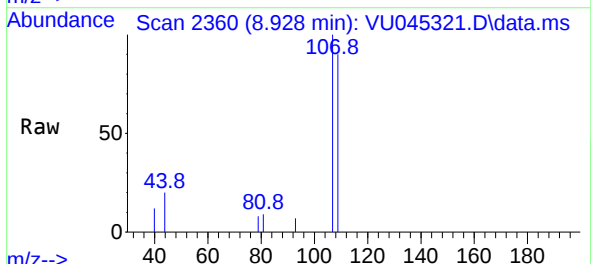
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

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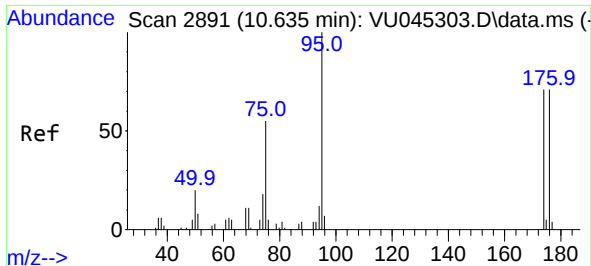
#56
1,2-Dibromoethane
Concen: 0.32 ug/l
RT: 8.928 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion:107 Resp: 2570
Ion Ratio Lower Upper
107 100
109 94.9 0.0 185.0

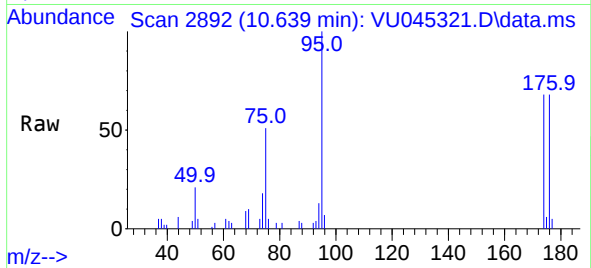


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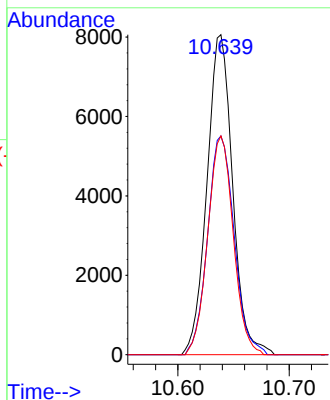


#57
4-Bromofluorobenzene
Concen: 0.89 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53



Tgt Ion: 95 Resp: 12909

Ion	Ratio	Lower	Upper
95	100		
174	70.8	56.6	84.8
176	68.0	54.3	81.5

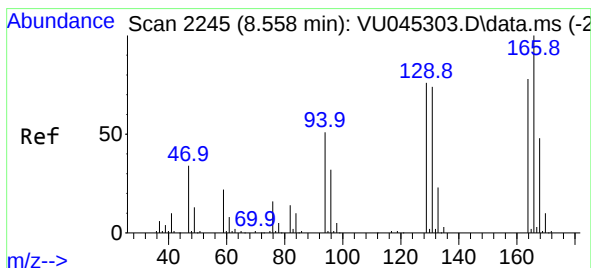


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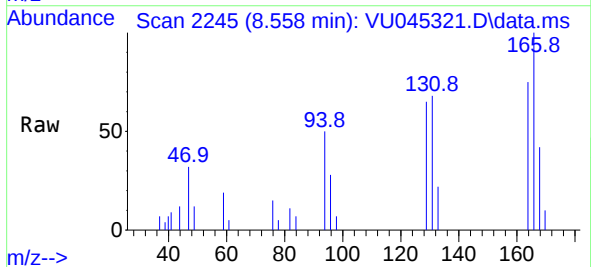
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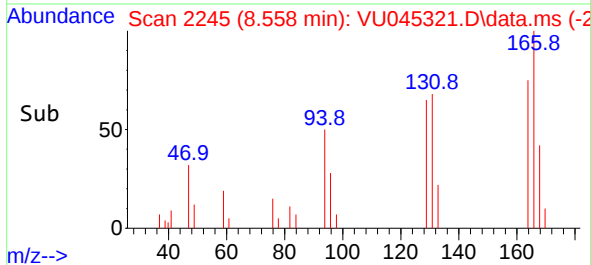
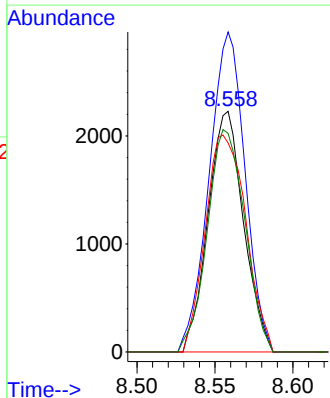


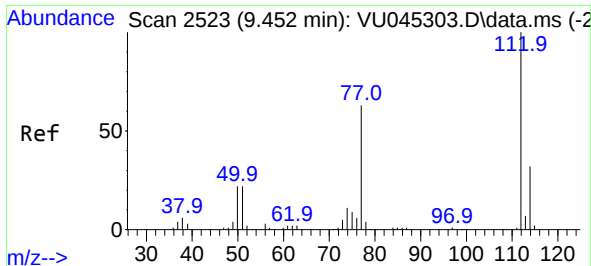
#58
Tetrachloroethene
Concen: 0.35 ug/l
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53



Tgt Ion: 164 Resp: 3529

Ion	Ratio	Lower	Upper
164	100		
166	132.9	102.0	153.0
129	86.8	77.1	115.7
131	90.8	75.8	113.6



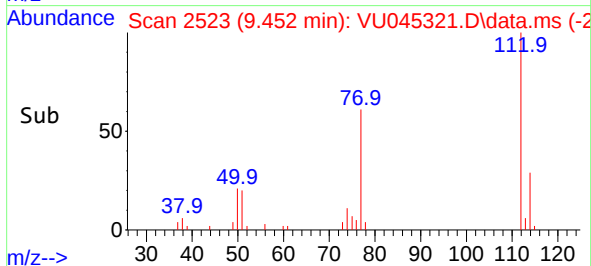
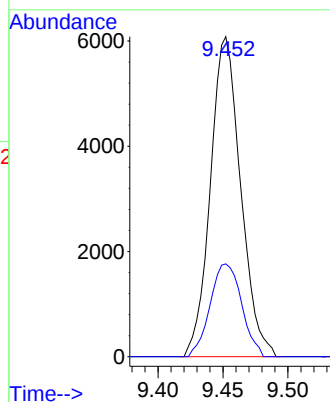
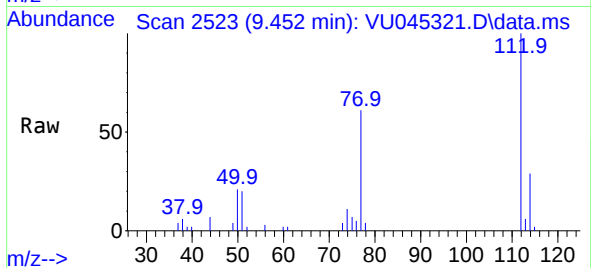


#59
Chlorobenzene
Concen: 0.33 ug/l
RT: 9.452 min Scan# 2523
Delta R.T. -0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion:112 Resp: 9844
Ion Ratio Lower Upper
112 100
114 29.0 25.4 38.0

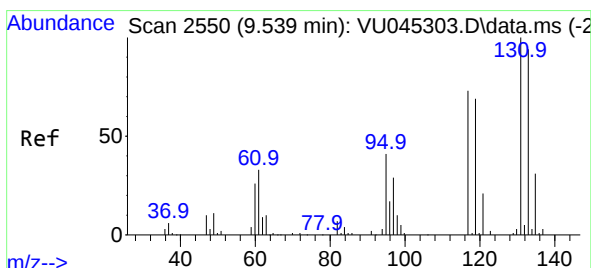
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

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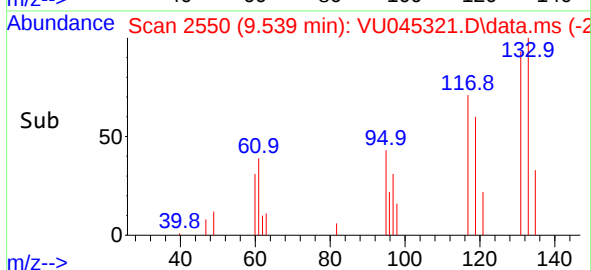
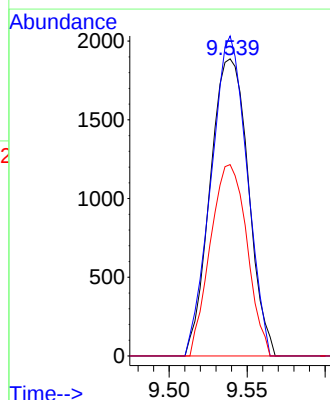
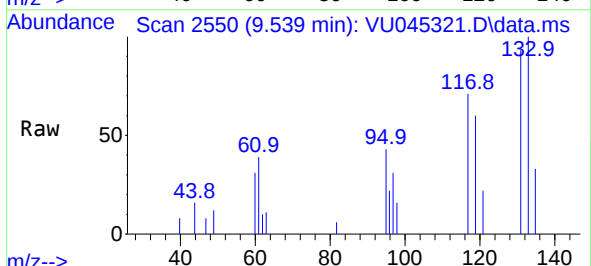
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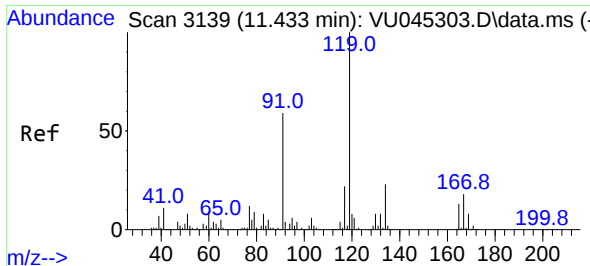
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#60
1,1,1,2-Tetrachloroethane
Concen: 0.33 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. -0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion:131 Resp: 3213
Ion Ratio Lower Upper
131 100
133 101.1 76.0 114.0
119 61.7 54.9 82.3



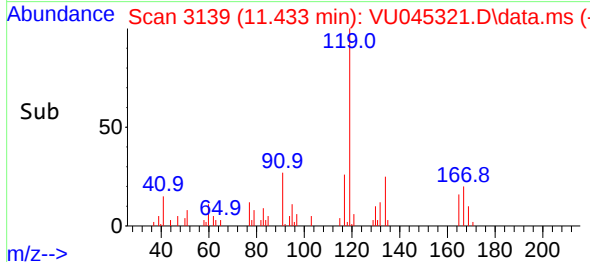
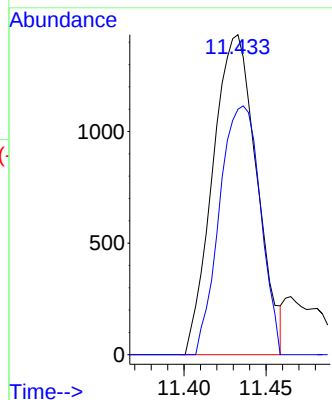
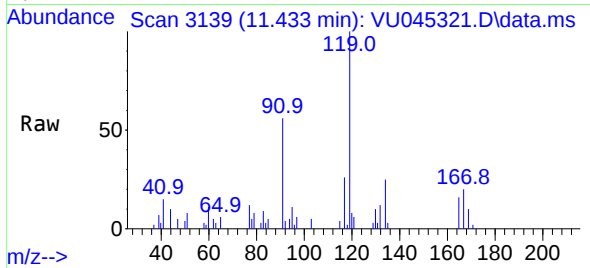


#61
Pentachloroethane
Concen: 0.38 ug/l
RT: 11.433 min Scan# 3139
Delta R.T. 0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

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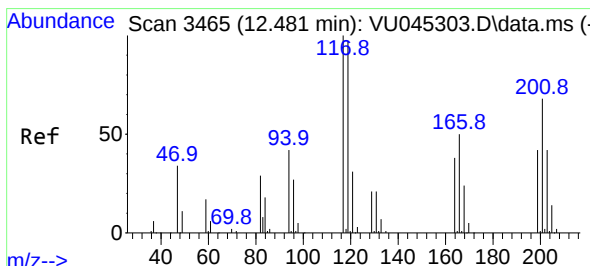
Tgt Ion:117 Resp: 2670
Ion Ratio Lower Upper
117 100
167 72.0 59.7 89.5

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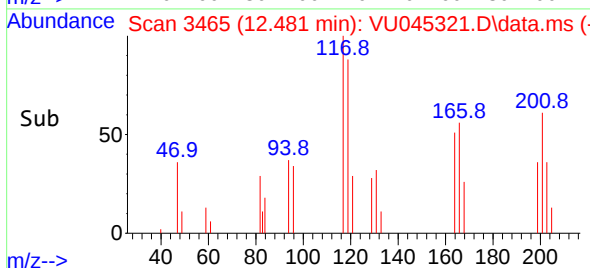
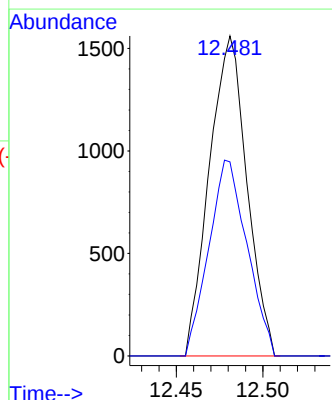
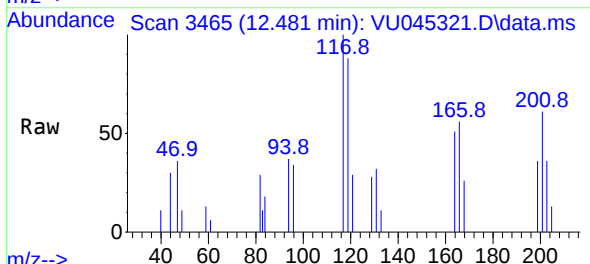
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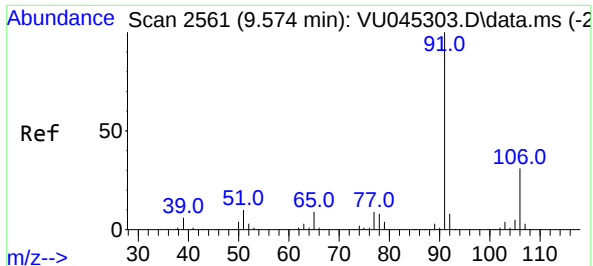
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#62
Hexachloroethane
Concen: 0.31 ug/l
RT: 12.481 min Scan# 3465
Delta R.T. -0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion:117 Resp: 2354
Ion Ratio Lower Upper
117 100
201 62.3 53.6 80.4



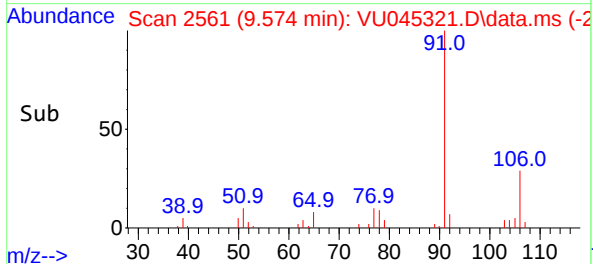
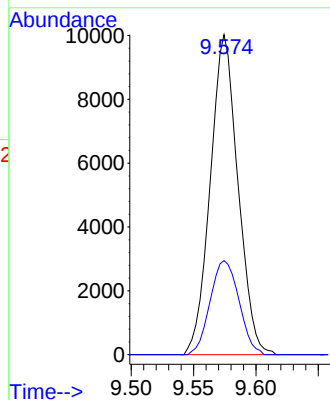
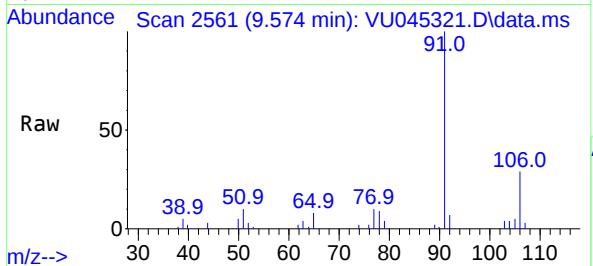


#63
Ethyl Benzene
Concen: 0.29 ug/l
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion: 91 Resp: 15503
Ion Ratio Lower Upper
91 100
106 29.4 24.4 36.6

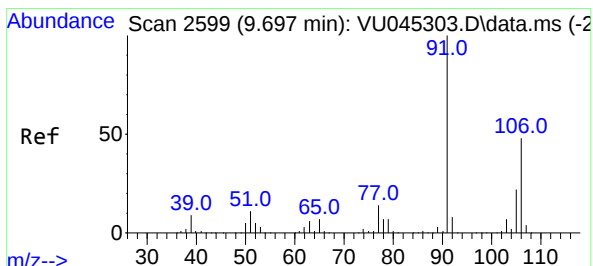
Instrument :
MSVOA_U
ClientSampleId :
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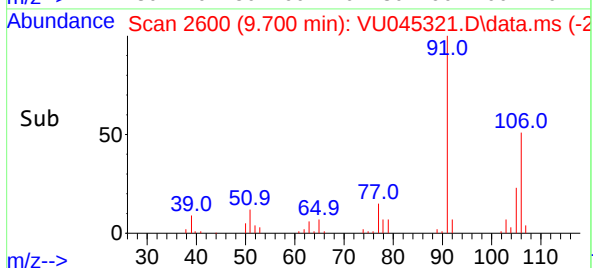
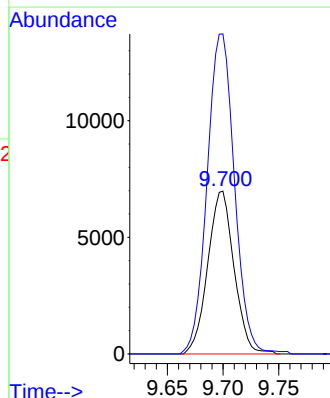
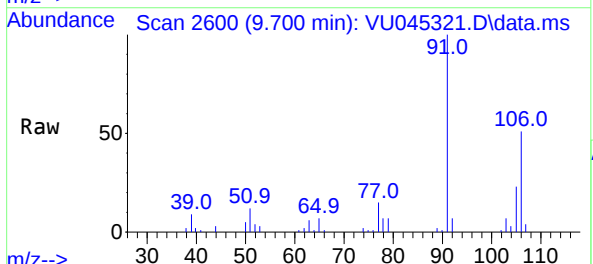
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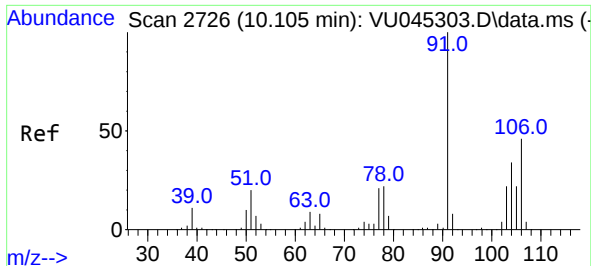
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#64
m/p-Xylenes
Concen: 0.57 ug/l
RT: 9.700 min Scan# 2600
Delta R.T. 0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion: 106 Resp: 11465
Ion Ratio Lower Upper
106 100
91 204.3 165.5 248.3



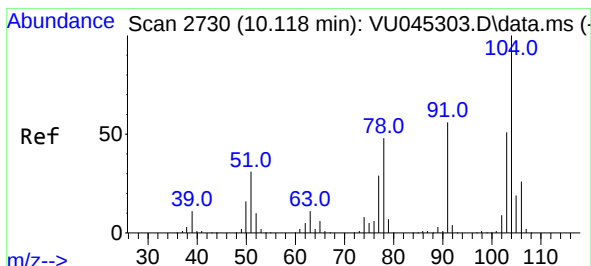
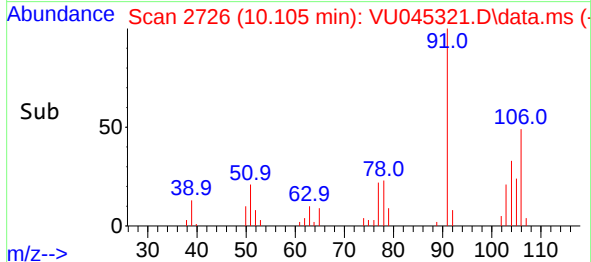
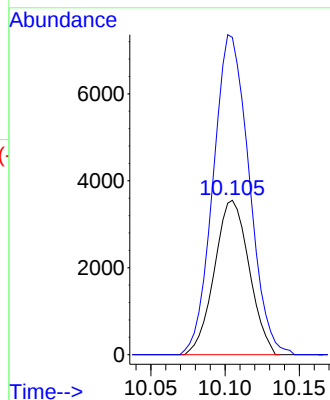
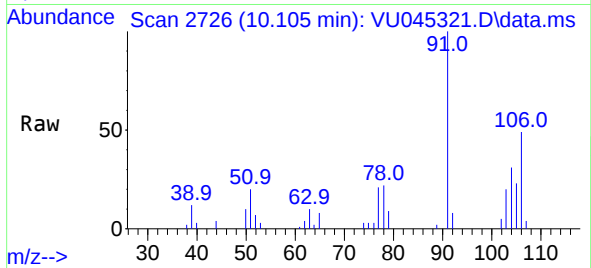


#65
o-Xylene
Concen: 0.29 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion:106 Resp: 5775
Ion Ratio Lower Upper
106 100
91 214.2 109.4 328.2

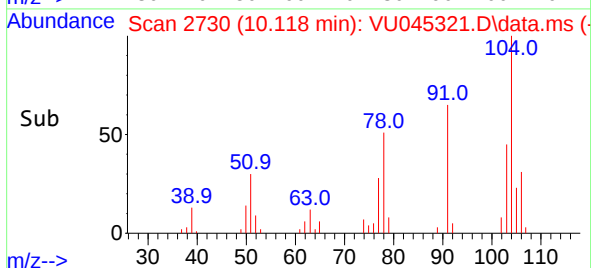
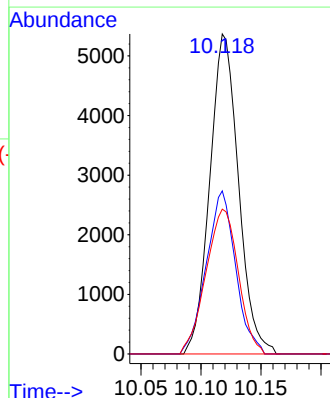
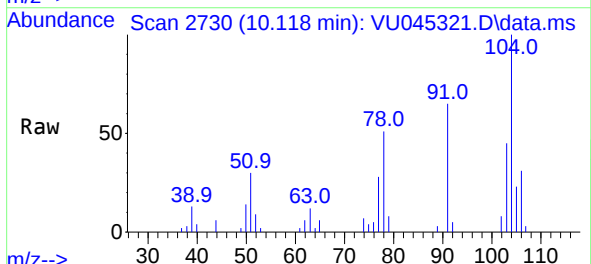
Instrument :
MSVOA_U
ClientSampleId :
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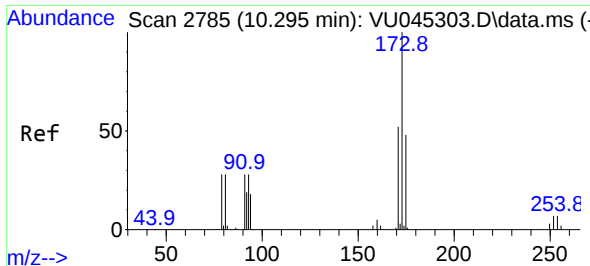
#66
Styrene
Concen: 0.28 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion:104 Resp: 8941
Ion Ratio Lower Upper
104 100
78 52.1 42.4 63.6
103 50.9 44.2 66.4

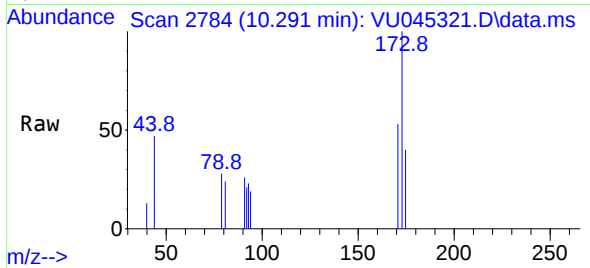


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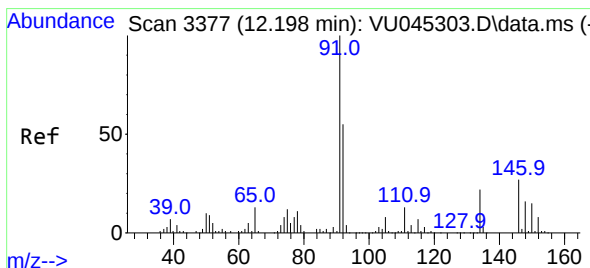
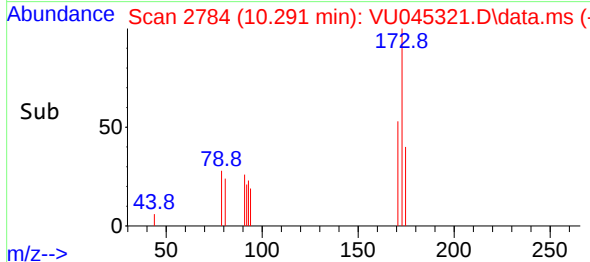
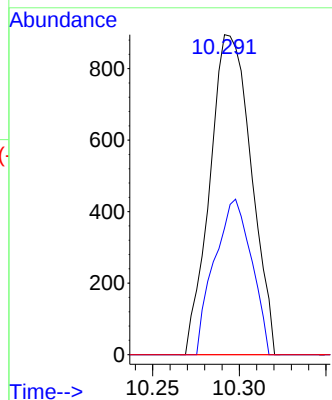
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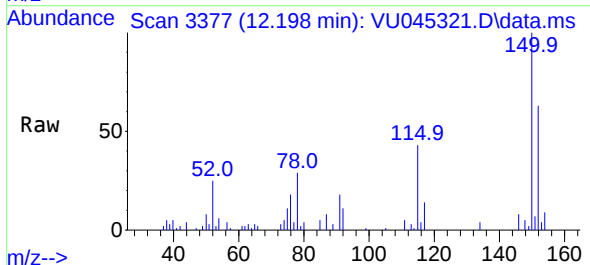
#67
Bromoform
Concen: 0.32 ug/l
RT: 10.291 min Scan# 2784
Delta R.T. -0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53



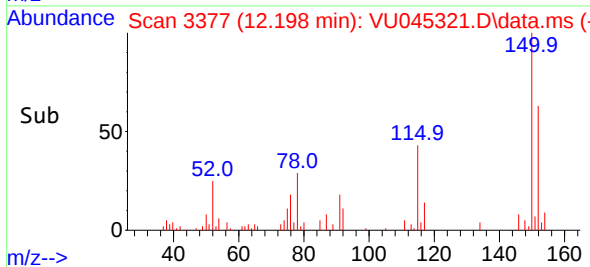
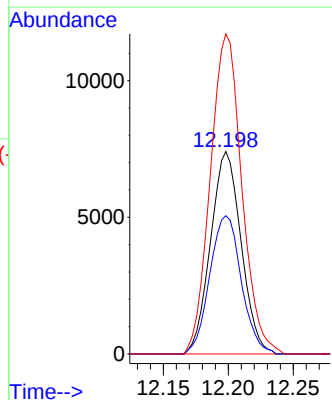
Tgt Ion:173 Resp: 1484
Ion Ratio Lower Upper
173 100
175 43.5 39.0 58.4
254 0.0 5.5 8.3#



#68
1,2-Dichlorobenzene-d4
Concen: 0.89 ug/l
RT: 12.198 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53



Tgt Ion:152 Resp: 12109
Ion Ratio Lower Upper
152 100
115 70.4 0.0 251.0
150 162.9 0.0 613.8

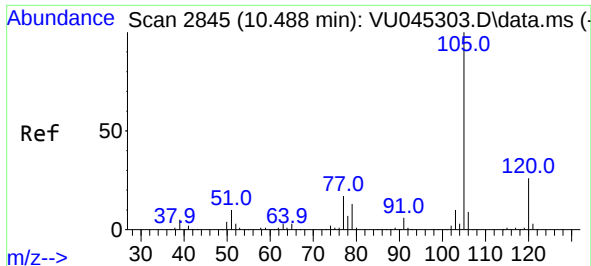


Instrument :
MSVOA_U
ClientSampleId :
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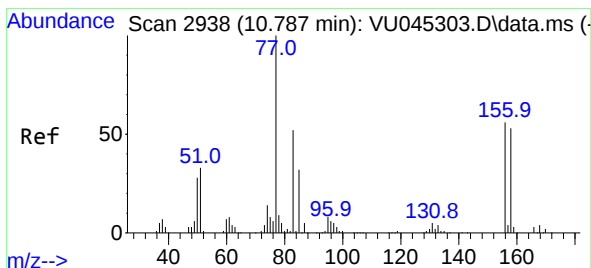
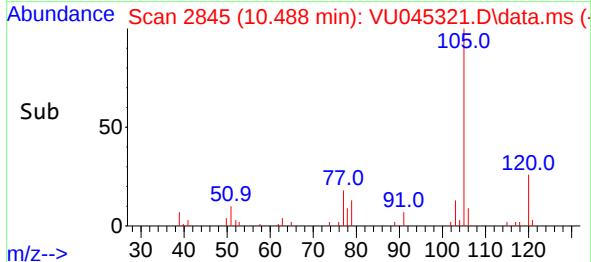
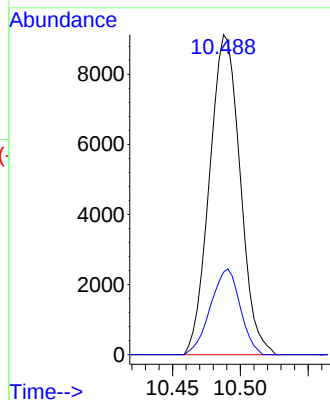
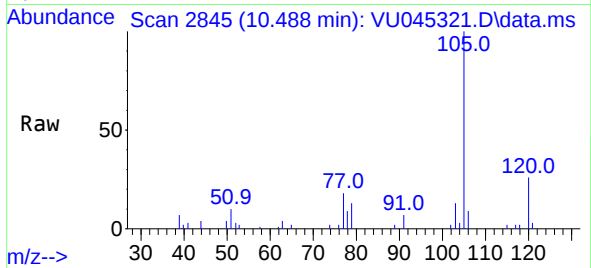


#69
Isopropylbenzene
Concen: 0.28 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion: 105 Resp: 14347
Ion Ratio Lower Upper
105 100
120 25.9 12.8 38.4

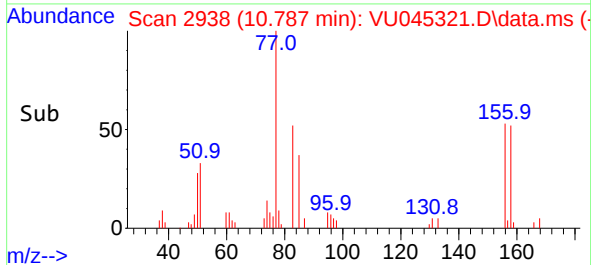
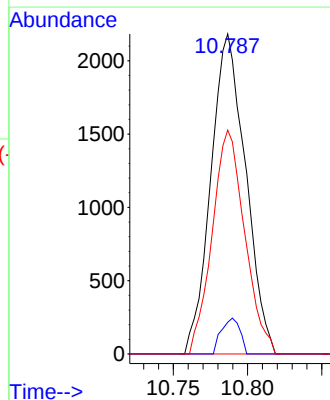
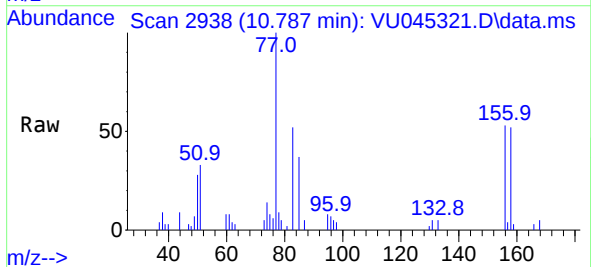
Instrument :
MSVOA_U
ClientSampleId :
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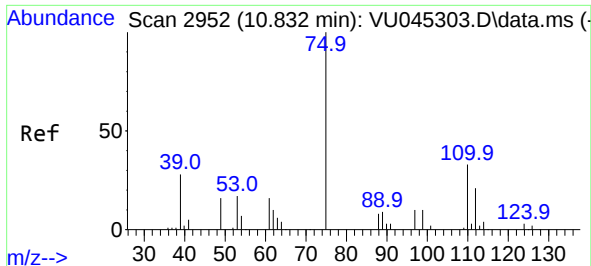
#70
1,1,2,2-Tetrachloroethane
Concen: 0.32 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion: 83 Resp: 3553
Ion Ratio Lower Upper
83 100
131 6.0 7.6 11.4#
85 65.6 50.9 76.3

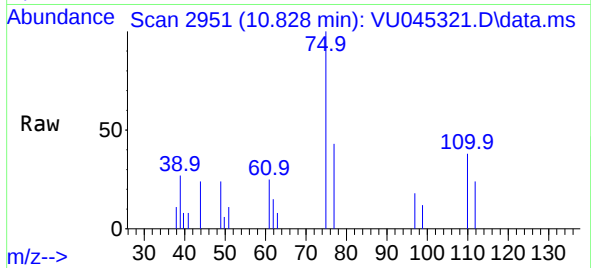


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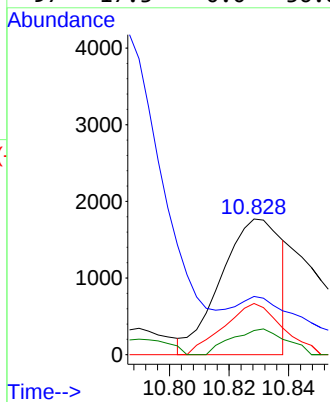
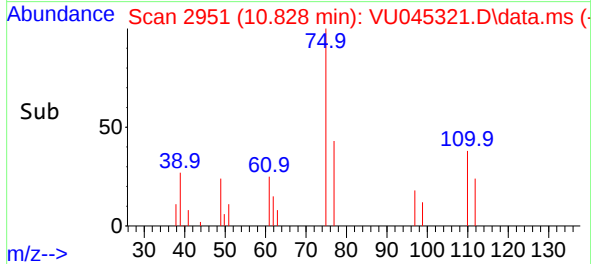
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#71
1,2,3-Trichloropropane
Concen: 0.27 ug/l m
RT: 10.828 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53



Tgt Ion:	75	Resp:	2471
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	105.6
110	36.8	0.0	71.2
97	17.3	0.0	36.8

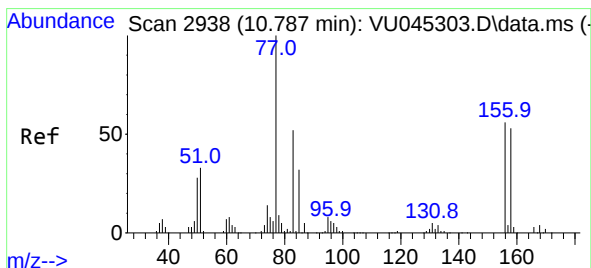


Instrument :
MSVOA_U
ClientSampleId :
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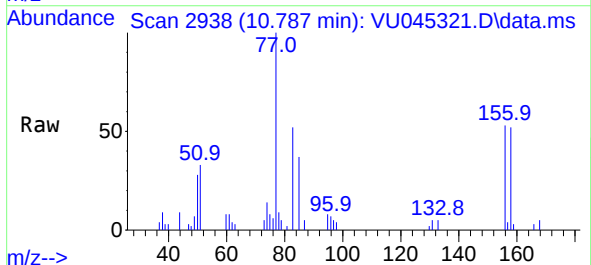
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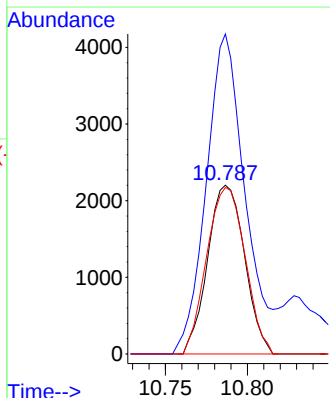
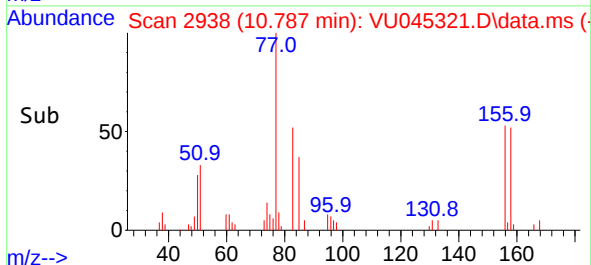
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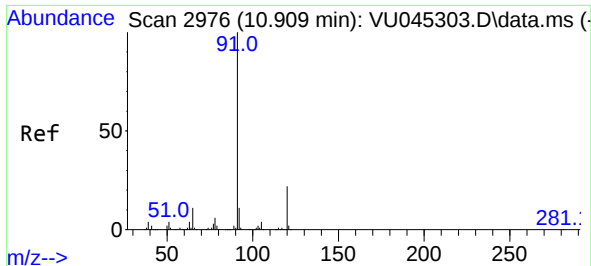


#72
Bromobenzene
Concen: 0.30 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53



Tgt Ion:	156	Resp:	3448
Ion Ratio	Lower	Upper	
156	100		
77	197.2	0.0	370.6
158	102.4	0.0	193.4



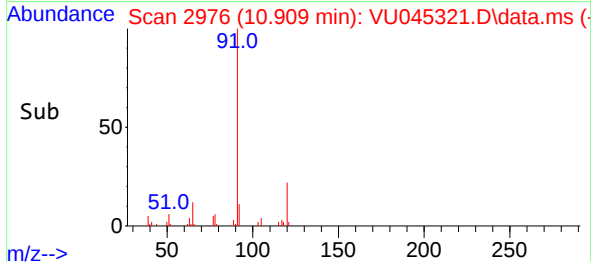
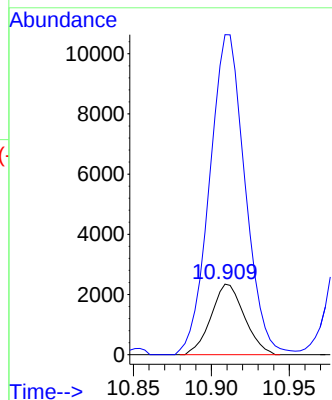
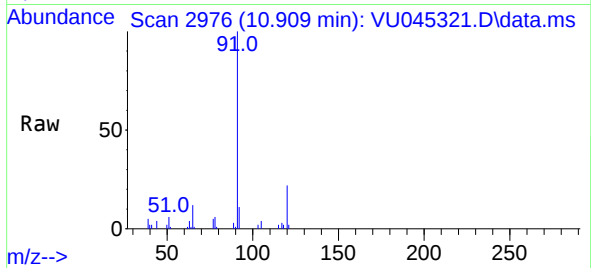


#73
n-propylbenzene
Concen: 0.26 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion:120 Resp: 3487
Ion Ratio Lower Upper
120 100
91 483.3 370.7 556.1

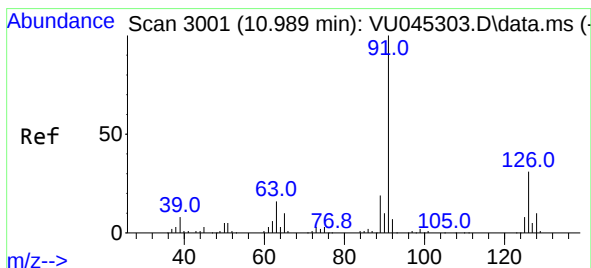
Instrument :
MSVOA_U
ClientSampleId :
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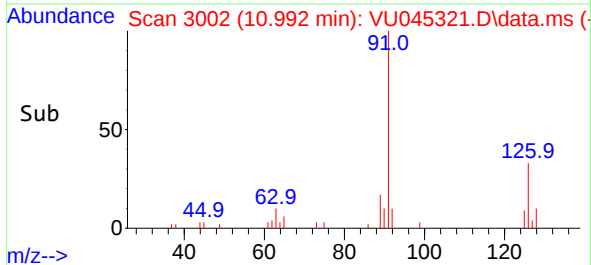
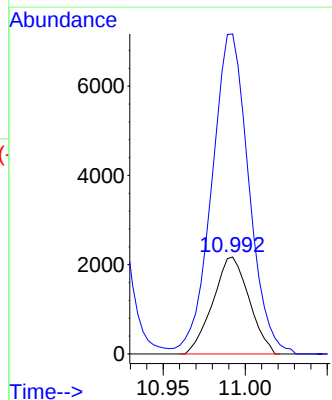
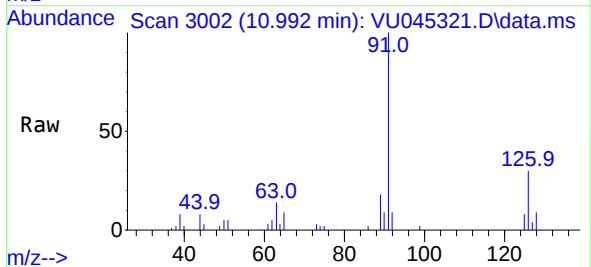
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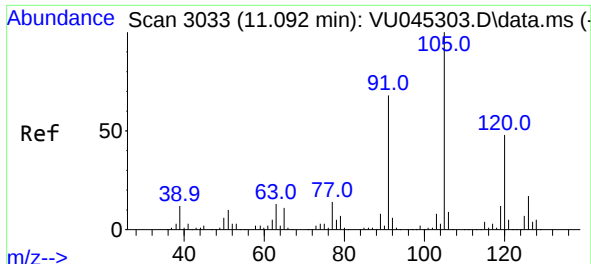
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#74
2-Chlorotoluene
Concen: 0.29 ug/l
RT: 10.992 min Scan# 3002
Delta R.T. 0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

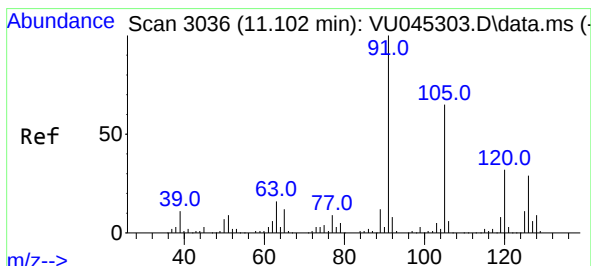
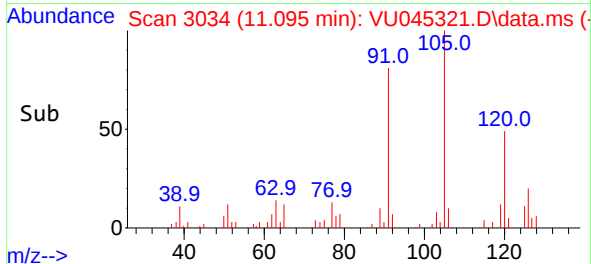
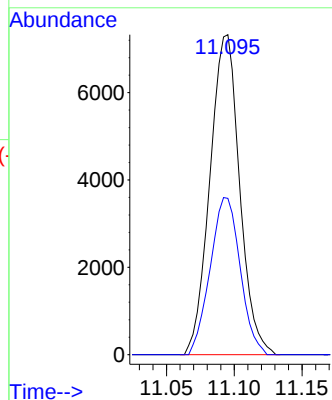
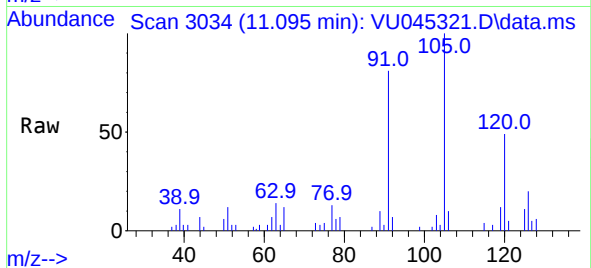
Tgt Ion:126 Resp: 3325
Ion Ratio Lower Upper
126 100
91 338.6 0.0 639.6





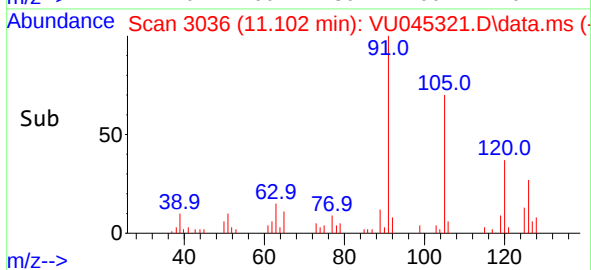
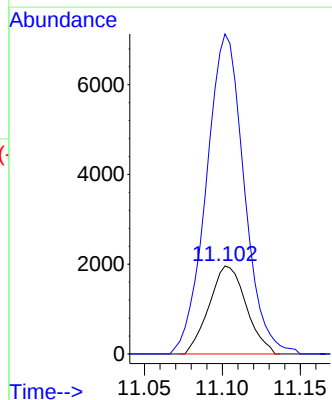
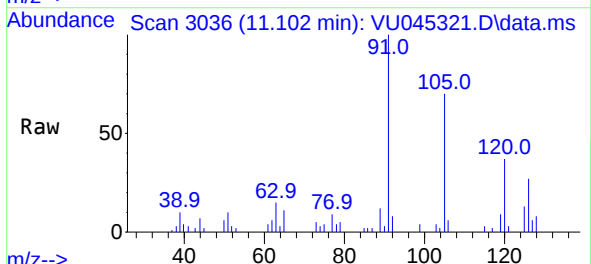
#75
1,3,5-Trimethylbenzene
Concen: 0.26 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion:105 Resp: 11165
Ion Ratio Lower Upper
105 100
120 49.5 38.6 58.0



#76
4-Chlorotoluene
Concen: 0.27 ug/l
RT: 11.102 min Scan# 3036
Delta R.T. 0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion:126 Resp: 3235
Ion Ratio Lower Upper
126 100
91 372.6 0.0 728.0

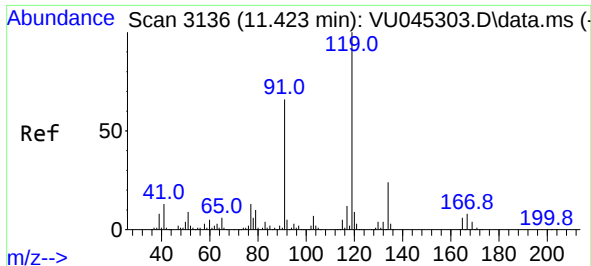


Instrument :
MSVOA_U
ClientSampleId :
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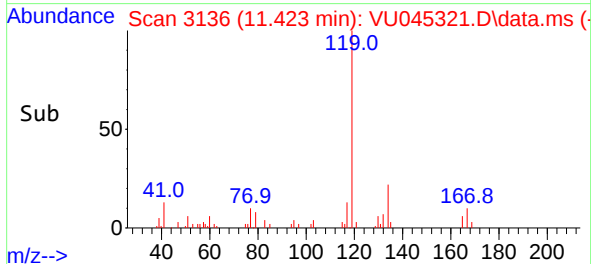
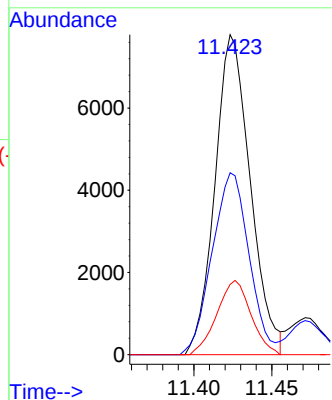
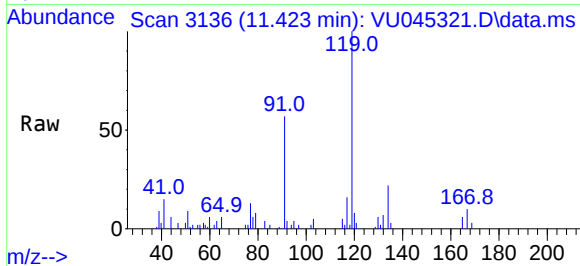


#77
tert-Butylbenzene
Concen: 0.29 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion:119 Resp: 12274
Ion Ratio Lower Upper
119 100
91 59.2 31.4 94.3
134 22.4 18.5 27.7

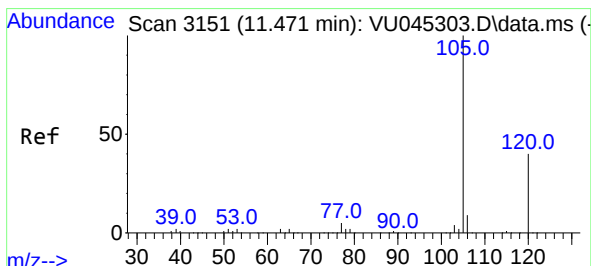
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

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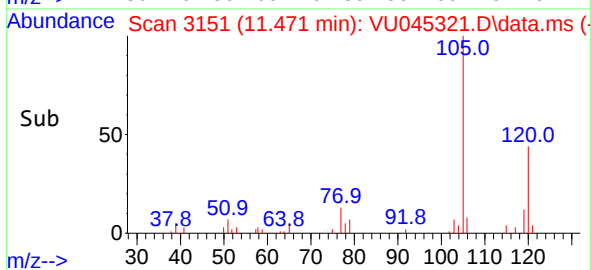
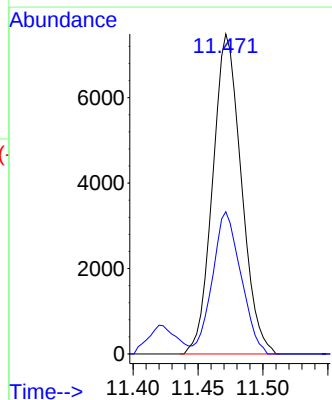
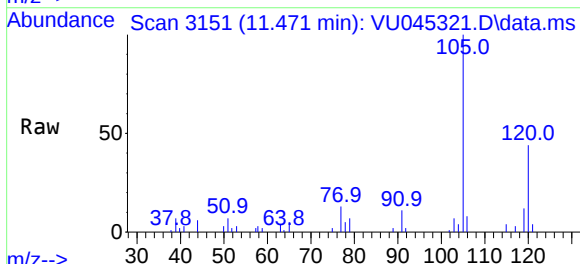
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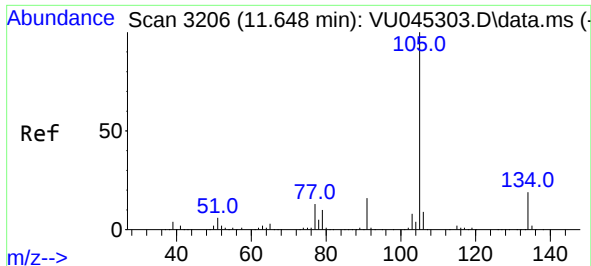
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#78
1,2,4-Trimethylbenzene
Concen: 0.26 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

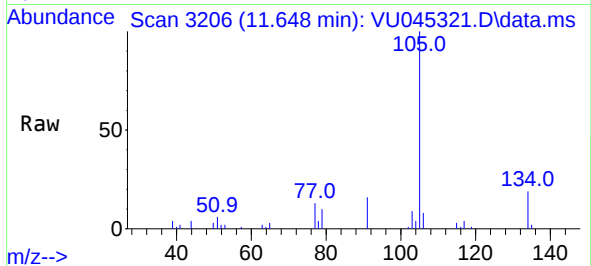
Tgt Ion:105 Resp: 11491
Ion Ratio Lower Upper
105 100
120 44.3 22.3 66.8





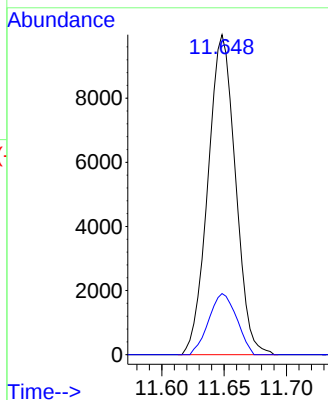
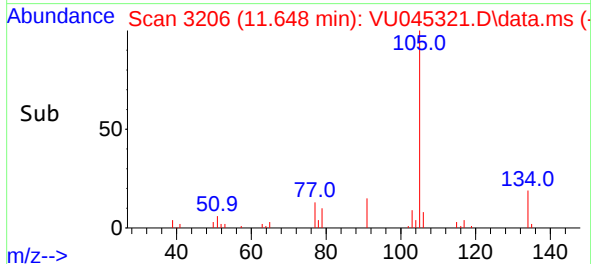
#79
sec-Butylbenzene
Concen: 0.27 ug/l
RT: 11.648 min Scan# 3206
Delta R.T. 0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021



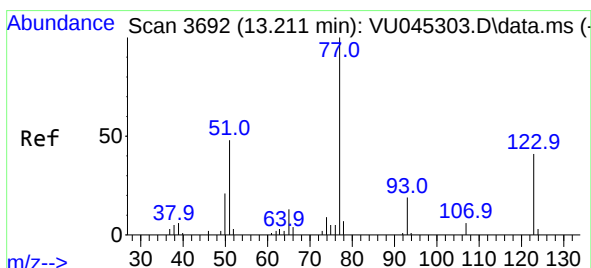
Tgt Ion:105 Resp: 15336
Ion Ratio Lower Upper
105 100
134 19.3 15.4 23.0

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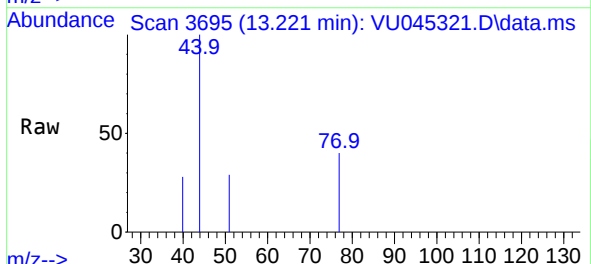


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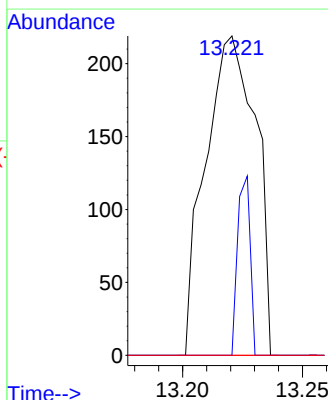
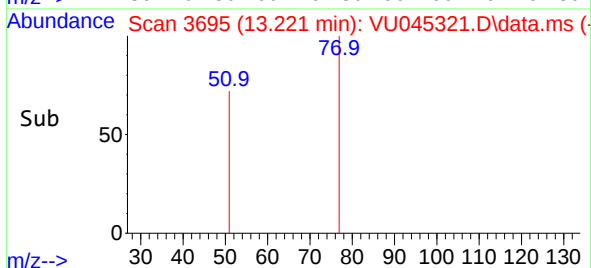
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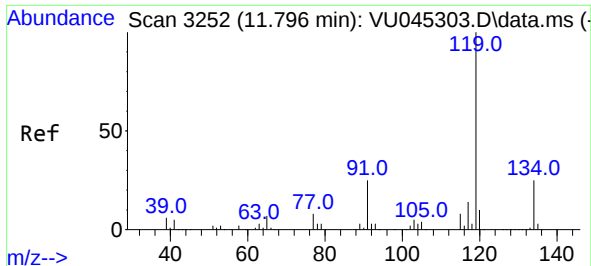


#80
Nitrobenzene
Concen: 1.02 ug/l
RT: 13.221 min Scan# 3695
Delta R.T. 0.010 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53



Tgt Ion: 77 Resp: 319
Ion Ratio Lower Upper
77 100
123 14.1 18.2 64.4#
65 0.0 12.0 15.2#



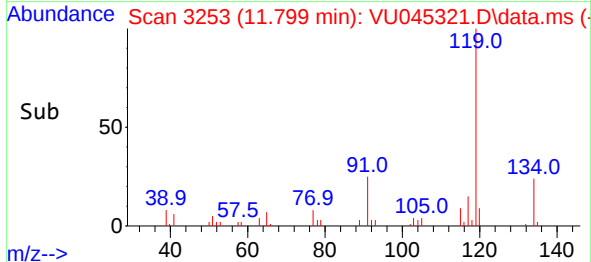
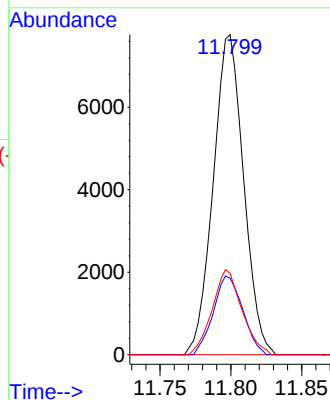
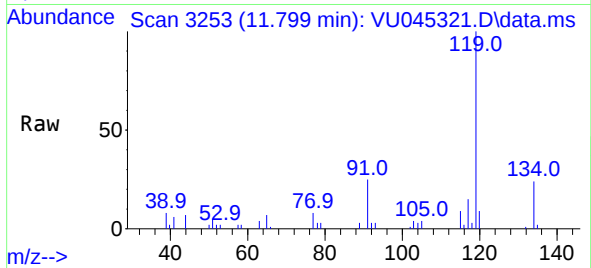


#81
p-Isopropyltoluene
Concen: 0.25 ug/l
RT: 11.799 min Scan# 3253
Delta R.T. 0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion:	119	Resp:	11563
Ion	Ratio	Lower	Upper
119	100		
134	23.8	20.2	30.4
91	26.0	19.9	29.9

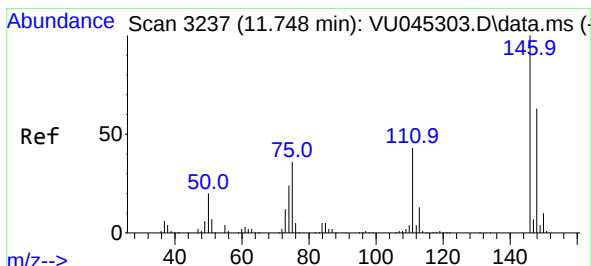
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

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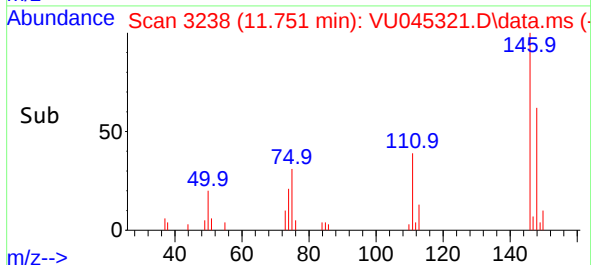
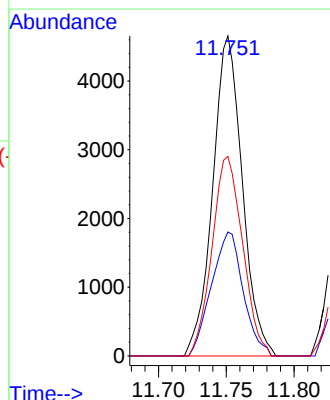
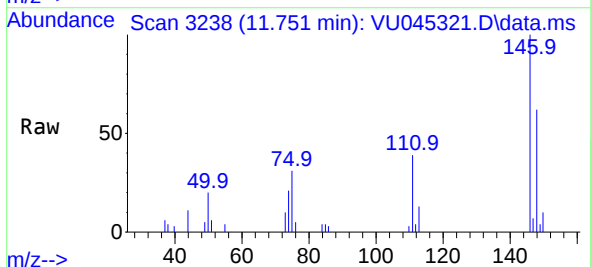
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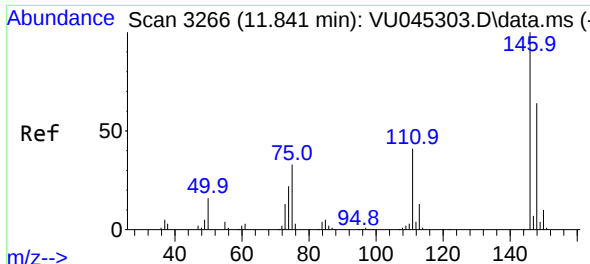
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#82
1,3-Dichlorobenzene
Concen: 0.31 ug/l
RT: 11.751 min Scan# 3238
Delta R.T. 0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion:	146	Resp:	7080
Ion	Ratio	Lower	Upper
146	100		
111	41.5	33.9	50.9
148	64.4	50.9	76.3



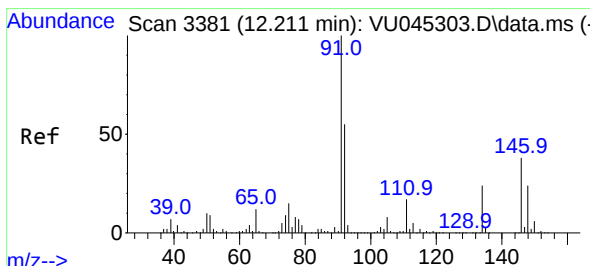
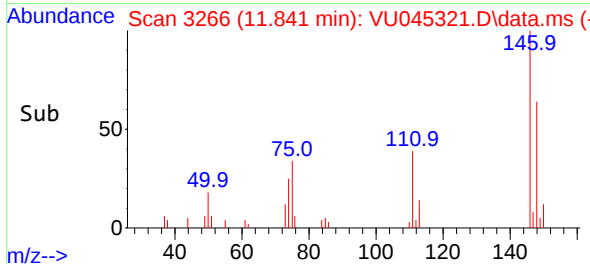
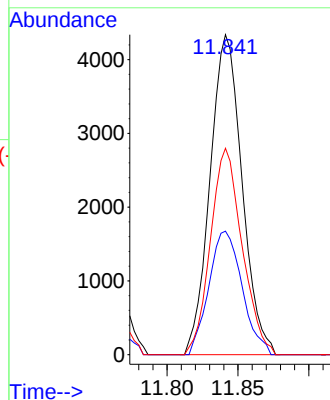
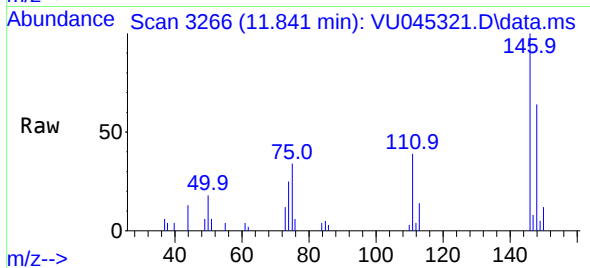


#83
1,4-Dichlorobenzene
Concen: 0.30 ug/l
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion:	146	Resp:	6806
Ion	Ratio	Lower	Upper
146	100		
111	40.2	32.7	49.1
148	63.9	51.4	77.0

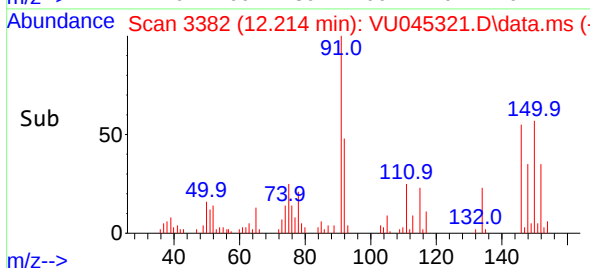
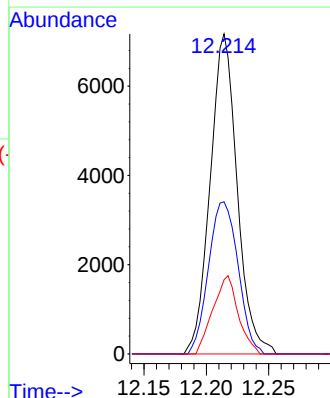
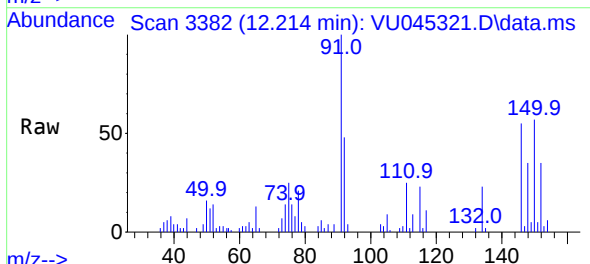
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

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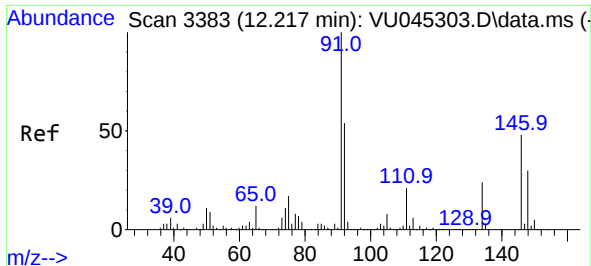
#84
n-Butylbenzene
Concen: 0.25 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Tgt Ion:	91	Resp:	10820
Ion	Ratio	Lower	Upper
91	100		
92	52.0	43.5	65.3
134	22.9	19.0	28.4

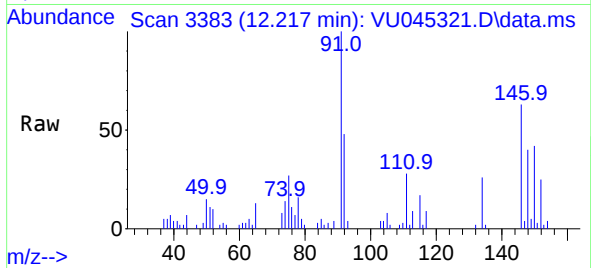


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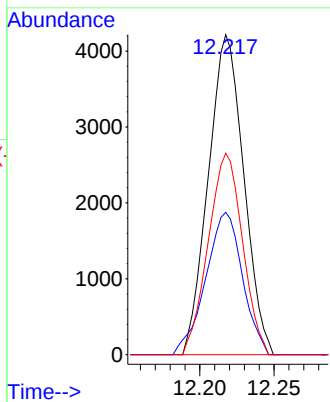
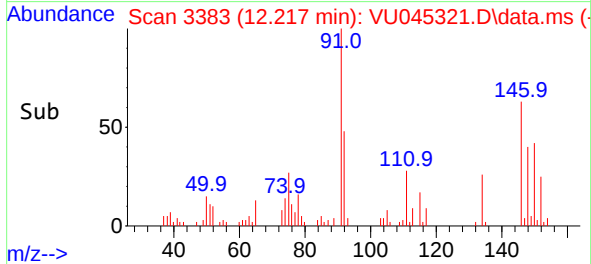
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#85
1,2-Dichlorobenzene
Concen: 0.32 ug/l
RT: 12.217 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53



Tgt Ion:146 Resp: 6992
Ion Ratio Lower Upper
146 100
111 46.2 22.1 66.1
148 60.9 31.6 94.7

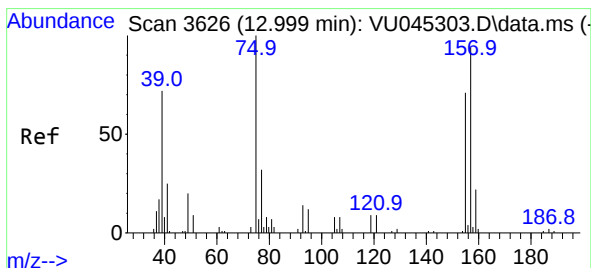


Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021

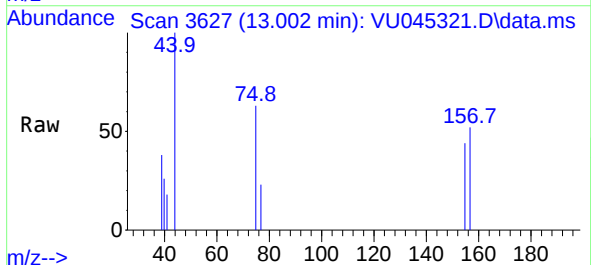
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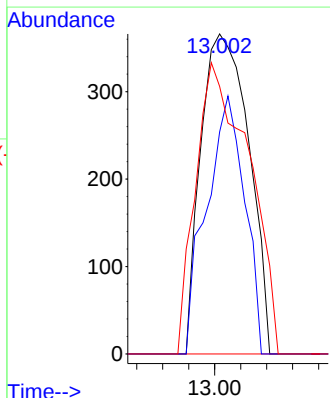
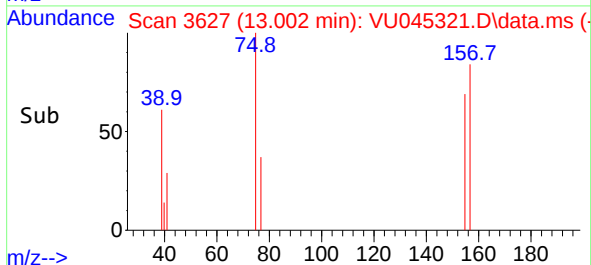
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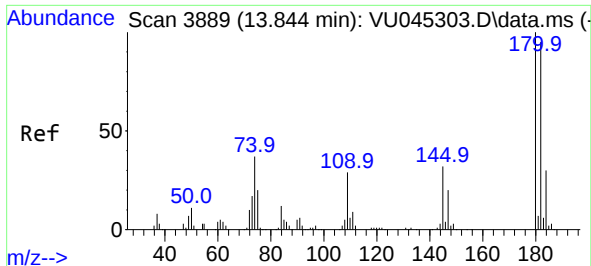


#86
1,2-Dibromo-3-Chloropropane
Concen: 0.26 ug/l
RT: 13.002 min Scan# 3627
Delta R.T. 0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53



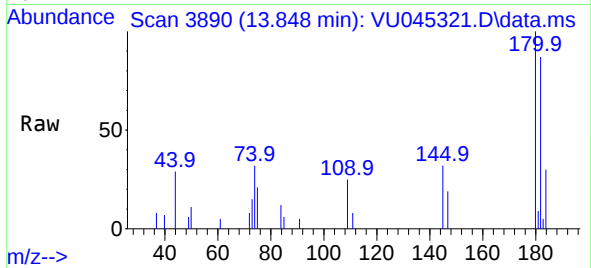
Tgt Ion: 75 Resp: 469
Ion Ratio Lower Upper
75 100
155 64.2 57.8 86.8
157 101.1 75.1 112.7





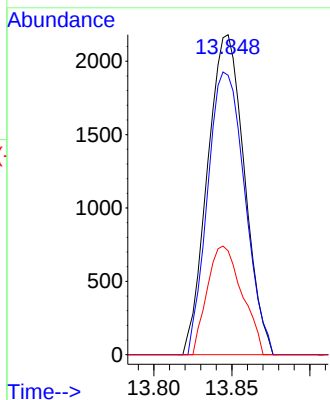
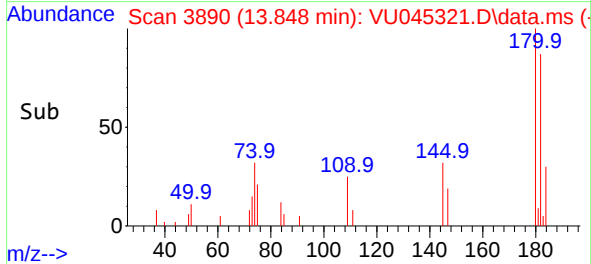
#87
1,2,4-Trichlorobenzene
Concen: 0.27 ug/l
RT: 13.848 min Scan# 3890
Delta R.T. 0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Instrument :
MSVOA_U
ClientSampleId :
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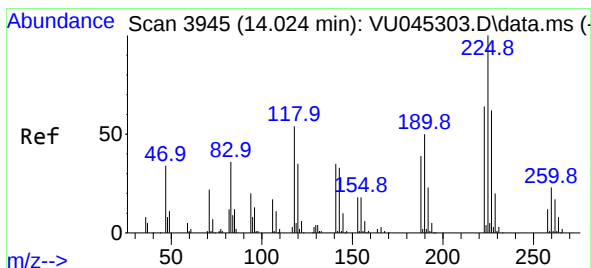
Tgt Ion:180 Resp: 3593
Ion Ratio Lower Upper
180 100
182 88.9 75.8 113.8
145 32.1 25.3 37.9

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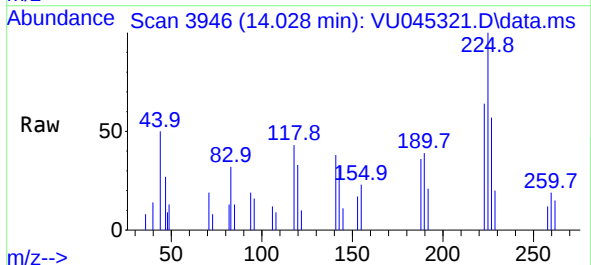


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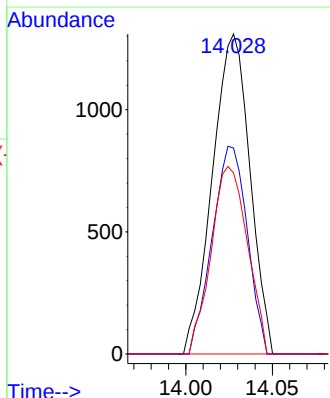
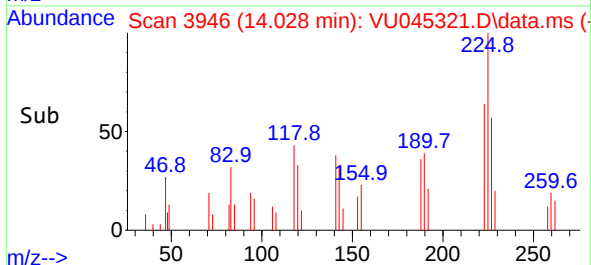
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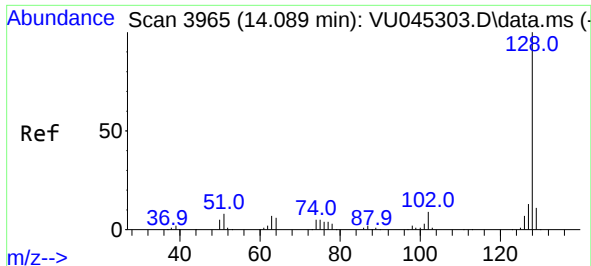


#88
Hexachlorobutadiene
Concen: 0.32 ug/l
RT: 14.028 min Scan# 3946
Delta R.T. 0.004 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53



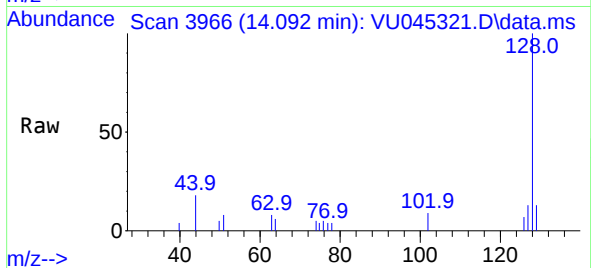
Tgt Ion:225 Resp: 1974
Ion Ratio Lower Upper
225 100
223 60.5 51.1 76.7
227 56.7 49.9 74.9





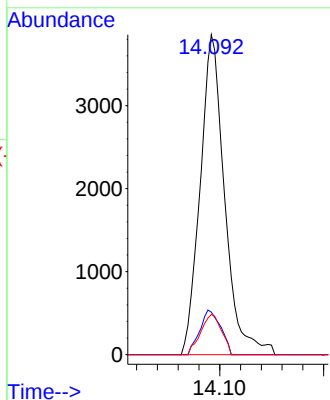
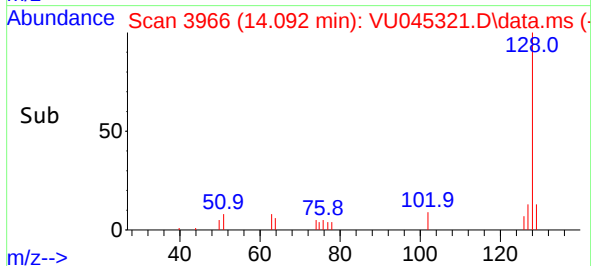
#89
Naphthalene
Concen: 0.24 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-03-QT4-2021



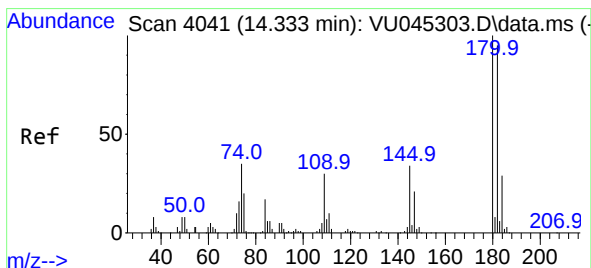
Tgt Ion:128 Resp: 6302
Ion Ratio Lower Upper
128 100
127 11.9 10.6 16.0
129 10.7 8.6 13.0

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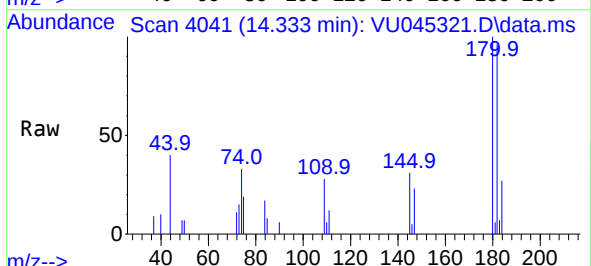


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#90
1,2,3-Trichlorobenzene
Concen: 0.26 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VU045321.D
Acq: 15 Oct 2021 14:53



Tgt Ion:180 Resp: 3249
Ion Ratio Lower Upper
180 100
182 97.7 75.4 113.0
145 31.1 27.0 40.4

