

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090121\
 Data File : VU044549.D
 Acq On : 01 Sep 2021 14:31
 Operator : SY/MD
 Sample : M3604-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 02 11:44:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U083121DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Sep 01 01:29:46 2021
 Response via : Initial Calibration

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

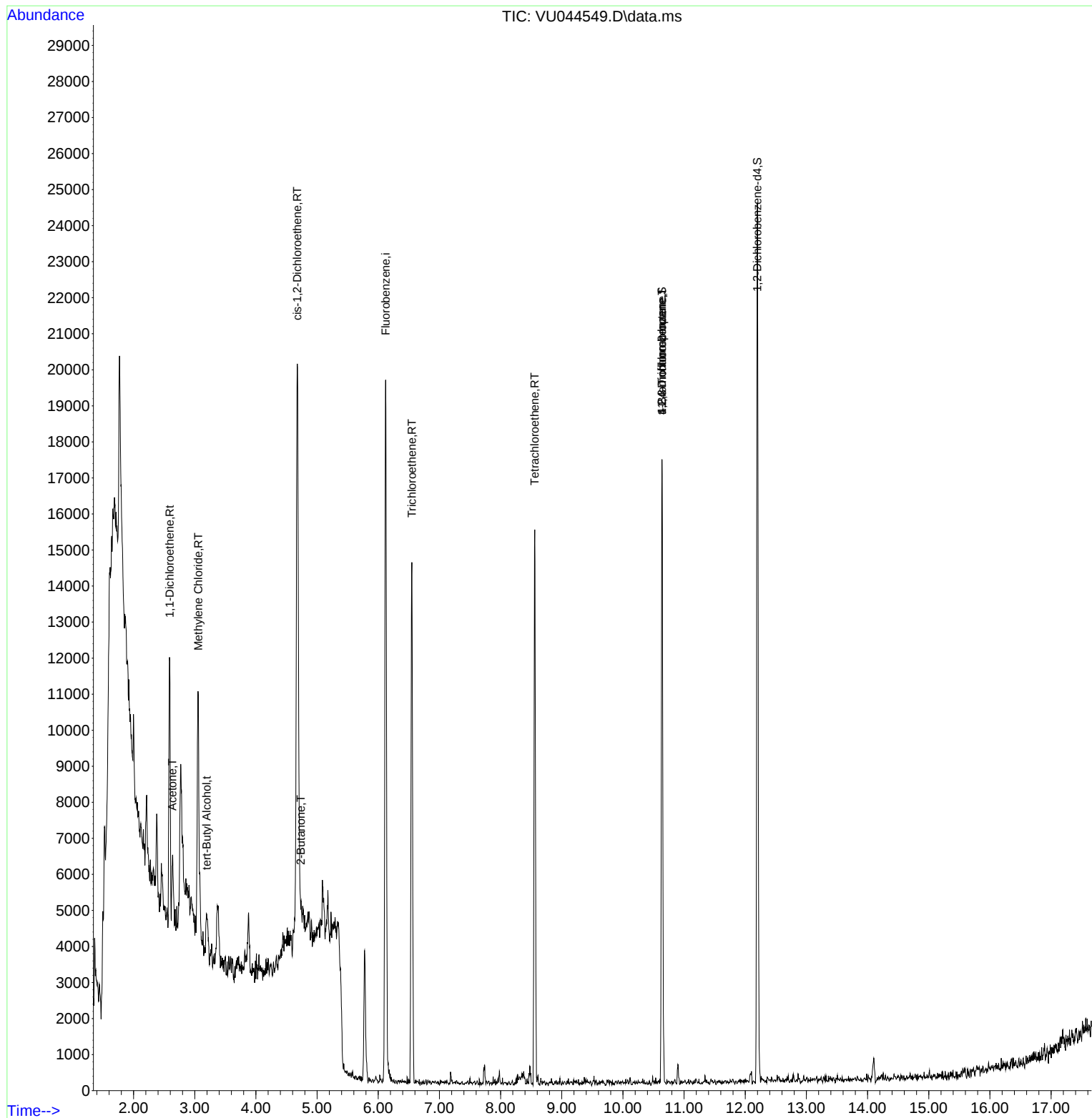
Internal Standards						
1) Fluorobenzene	6.121	96	18834	1.00	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	5820	0.81	ug/l	0.00
Spiked Amount 1.000			Recovery	=	81.00%	
68) 1,2-Dichlorobenzene-d4	12.198	152	6923	0.83	ug/l	0.00
Spiked Amount 1.000			Recovery	=	83.00%	
Target Compounds						
						Qvalue
9) 1,1-Dichloroethene	2.591	96	1962	0.22	ug/l	83
13) Acetone	2.636	43	2647	2.83	ug/l	93
15) Methylene Chloride	3.057	84	3336	0.24	ug/l	97
18) 2-Butanone	4.732	43	579	0.33	ug/l	74
22) cis-1,2-Dichloroethene	4.674	96	7802	0.71	ug/l	90
24) tert-Butyl Alcohol	3.195	59	519	1.56	ug/l #	1
37) Trichloroethene	6.549	130	4950	0.84	ug/l	100
46) t-1,4-Dichloro-2-butene	10.639	75	3122	2.29	ug/l #	21
58) Tetrachloroethene	8.558	164	3377	0.61	ug/l	97
71) 1,2,3-Trichloropropane	10.639	75	3122	0.73	ug/l #	29

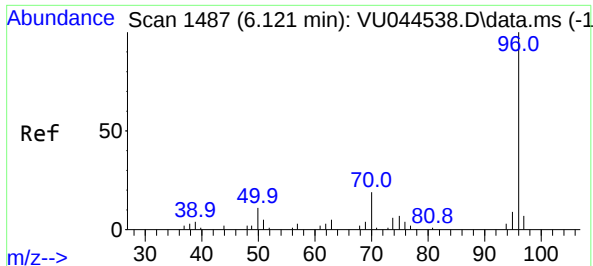
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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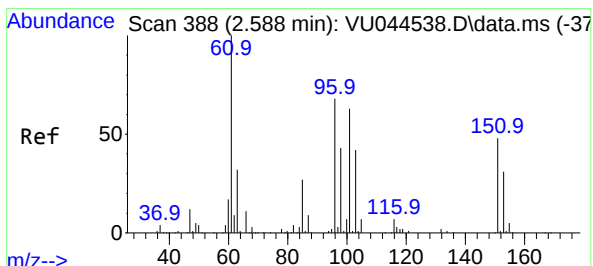
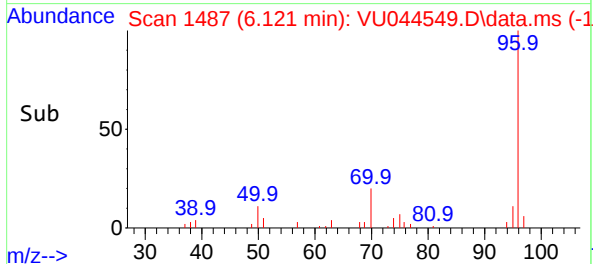
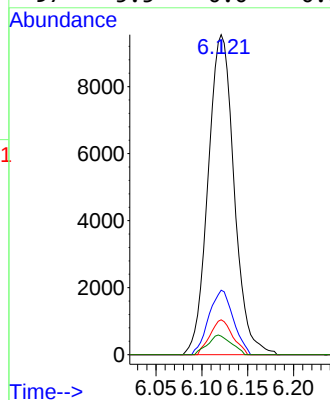
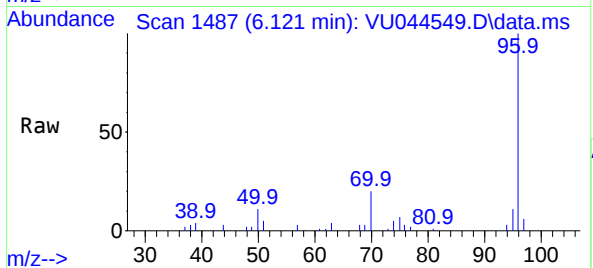




#1
Fluorobenzene
Concen: 1.00 ug/l
RT: 6.121 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VU044549.D
Acq: 01 Sep 2021 14:31

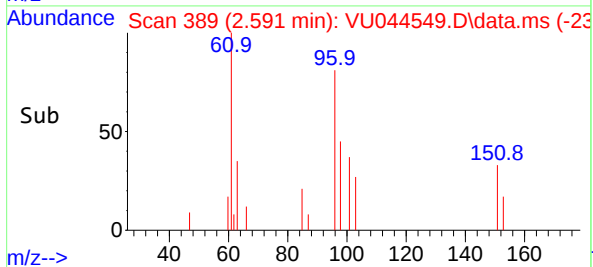
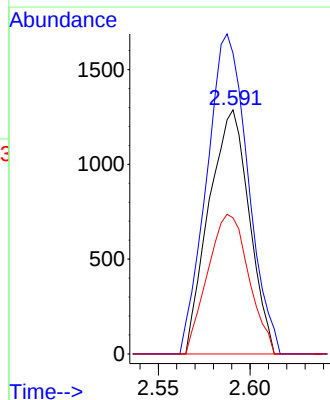
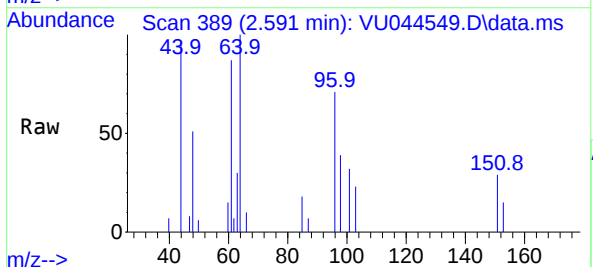
Instrument :
MSVOA_U
ClientSampled :

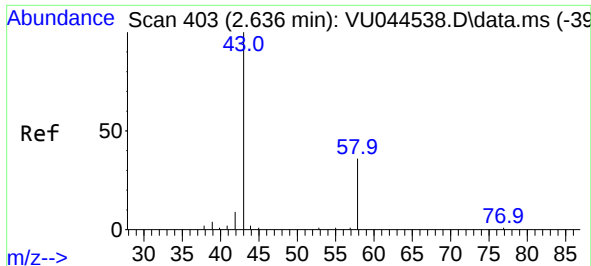
Tgt Ion:	96	Resp:	18834
Ion	Ratio	Lower	Upper
96	100		
70	19.0	16.2	24.2
95	9.4	7.0	10.6
97	5.5	0.0	0.0



#9
1,1-Dichloroethene
Concen: 0.22 ug/l
RT: 2.591 min Scan# 389
Delta R.T. 0.003 min
Lab File: VU044549.D
Acq: 01 Sep 2021 14:31

Tgt Ion:	96	Resp:	1962
Ion	Ratio	Lower	Upper
96	100		
61	123.2	0.0	444.6
98	55.7	0.0	126.8

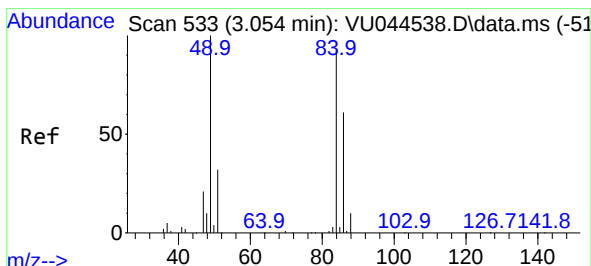
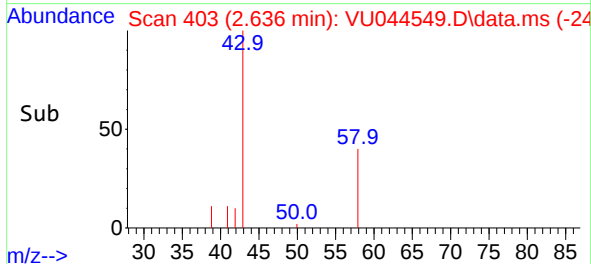
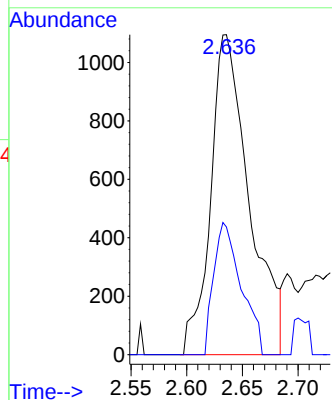
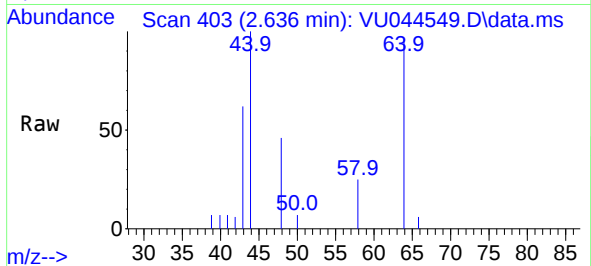




#13
Acetone
Concen: 2.83 ug/l
RT: 2.636 min Scan# 403
Delta R.T. -0.000 min
Lab File: VU044549.D
Acq: 01 Sep 2021 14:31

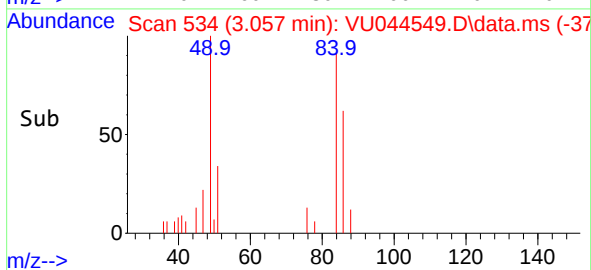
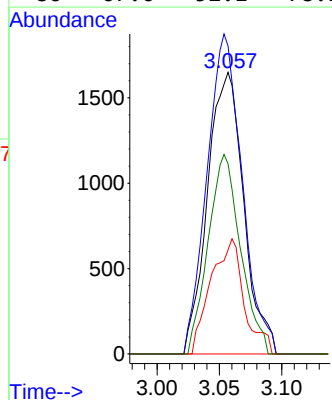
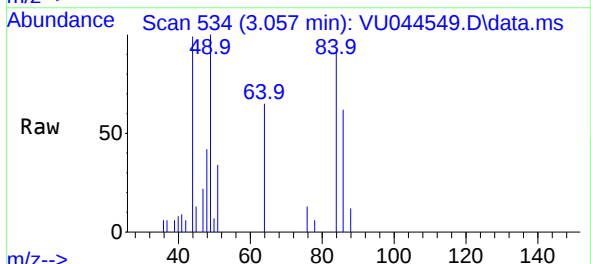
Instrument :
MSVOA_U
ClientSampleId :

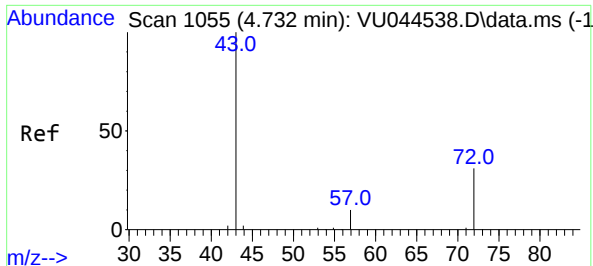
Tgt Ion: 43 Resp: 2647
Ion Ratio Lower Upper
43 100
58 39.9 28.5 42.7



#15
Methylene Chloride
Concen: 0.24 ug/l
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU044549.D
Acq: 01 Sep 2021 14:31

Tgt Ion: 84 Resp: 3336
Ion Ratio Lower Upper
84 100
49 109.4 85.6 128.4
51 36.9 0.0 67.6
86 67.6 52.1 78.1

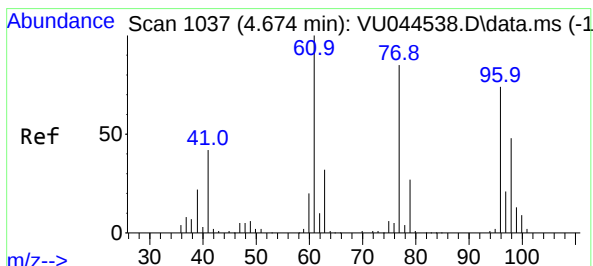
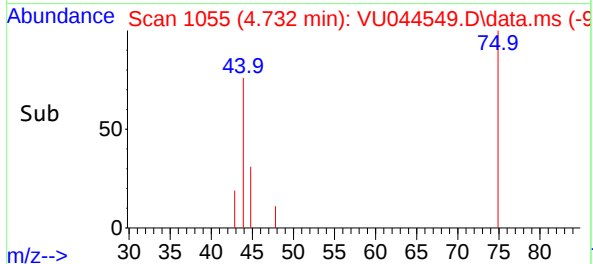
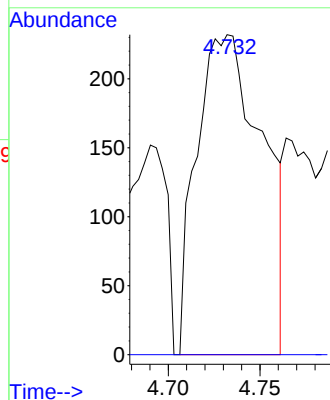
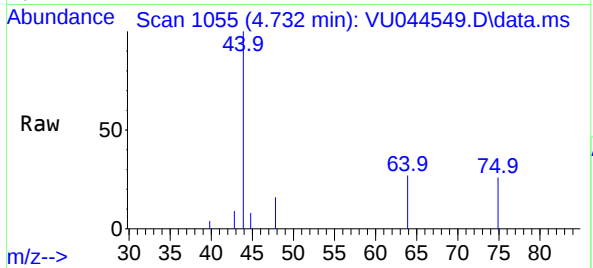




#18
2-Butanone
Concen: 0.33 ug/l
RT: 4.732 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VU044549.D
Acq: 01 Sep 2021 14:31

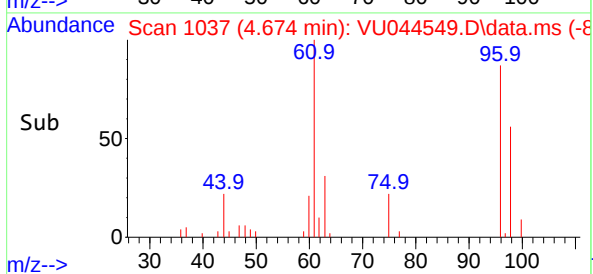
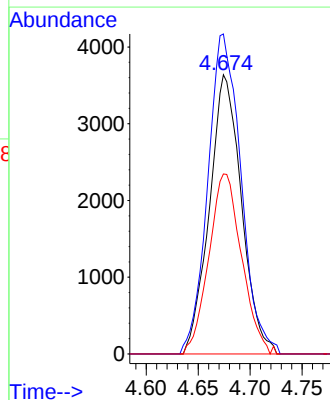
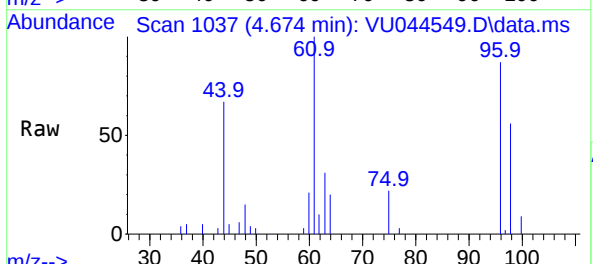
Instrument :
MSVOA_U
ClientSampled :

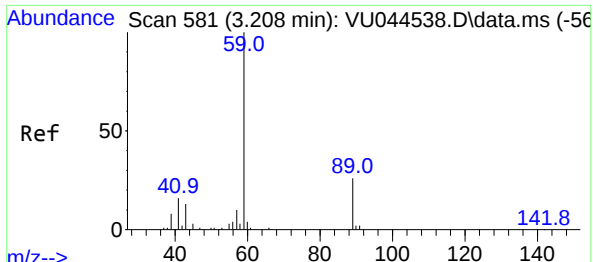
Tgt Ion: 43 Resp: 579
Ion Ratio Lower Upper
43 100
57 0.0 0.0 19.2



#22
cis-1,2-Dichloroethene
Concen: 0.71 ug/l
RT: 4.674 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU044549.D
Acq: 01 Sep 2021 14:31

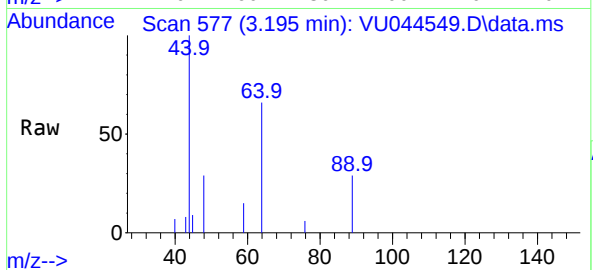
Tgt Ion: 96 Resp: 7802
Ion Ratio Lower Upper
96 100
61 118.4 0.0 334.5
98 66.1 32.0 96.2



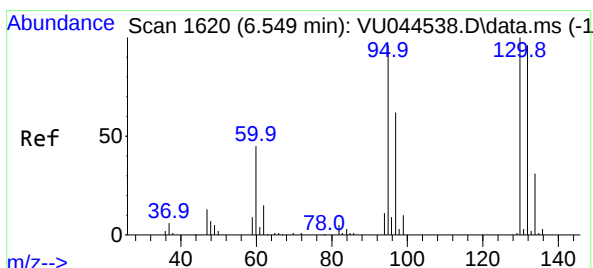
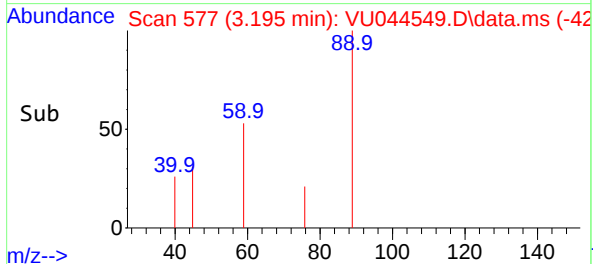
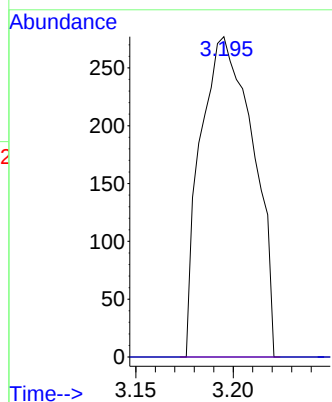


#24
tert-Butyl Alcohol
Concen: 1.56 ug/l
RT: 3.195 min Scan# 577
Delta R.T. -0.013 min
Lab File: VU044549.D
Acq: 01 Sep 2021 14:31

Instrument :
MSVOA_U
ClientSampleId :

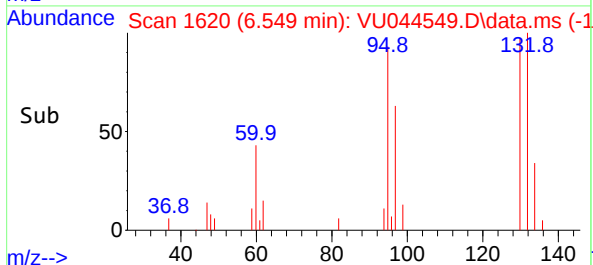
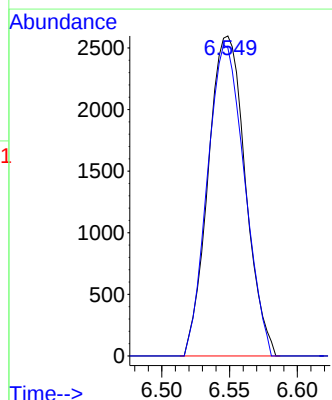
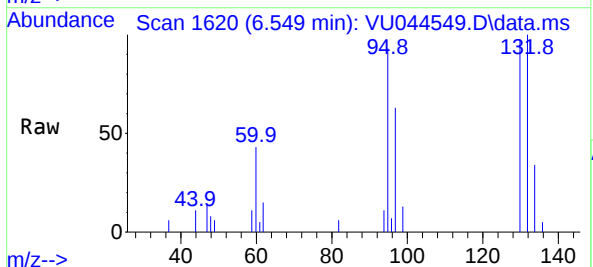


Tgt Ion: 59 Resp: 519
Ion Ratio Lower Upper
59 100
57 87.1 6.6 9.8#

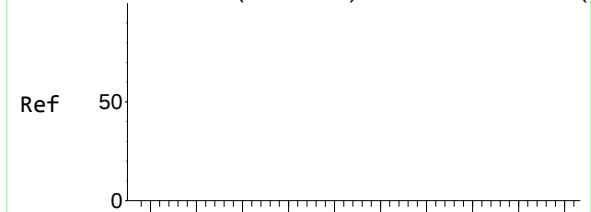


#37
Trichloroethene
Concen: 0.84 ug/l
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU044549.D
Acq: 01 Sep 2021 14:31

Tgt Ion: 130 Resp: 4950
Ion Ratio Lower Upper
130 100
95 96.3 76.9 115.3

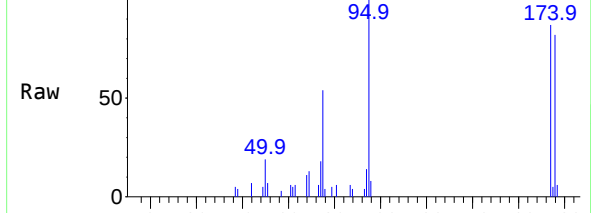


Abundance Scan 2955 (10.841 min): VU044538.D\data.ms (-



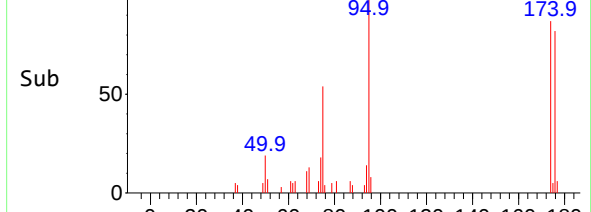
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Abundance Scan 2892 (10.639 min): VU044549.D\data.ms (-



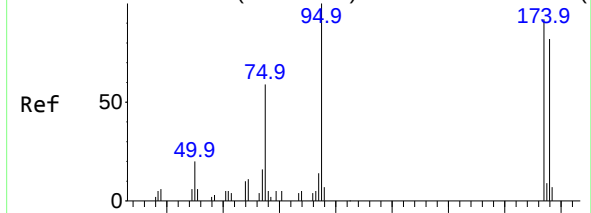
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Abundance Scan 2892 (10.639 min): VU044549.D\data.ms (-



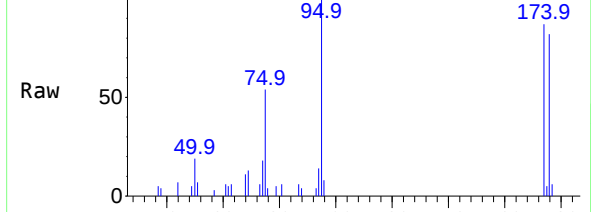
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Abundance Scan 2892 (10.639 min): VU044538.D\data.ms (-



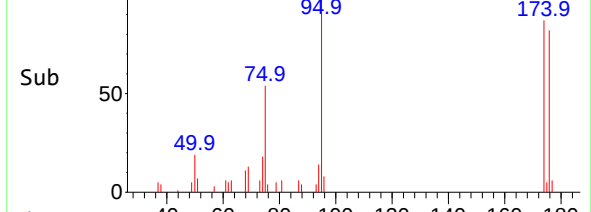
m/z-->

Abundance Scan 2892 (10.639 min): VU044549.D\data.ms (-



m/z-->

Abundance Scan 2892 (10.639 min): VU044549.D\data.ms (-



m/z-->

#46

t-1,4-Dichloro-2-butene

Concen: 2.29 ug/l

RT: 10.639 min Scan# 2892

Delta R.T. -0.203 min

Lab File: VU044549.D

Acq: 01 Sep 2021 14:31

Tgt Ion: 75 Resp: 3122

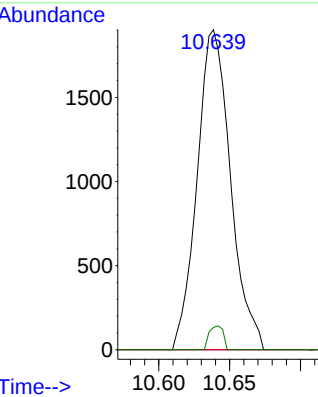
Ion Ratio Lower Upper

75 100

53 0.0 64.0 96.0#

89 0.0 42.1 63.1#

88 3.1 33.3 49.9#



#57

4-Bromofluorobenzene

Concen: 0.81 ug/l

RT: 10.639 min Scan# 2892

Delta R.T. -0.000 min

Lab File: VU044549.D

Acq: 01 Sep 2021 14:31

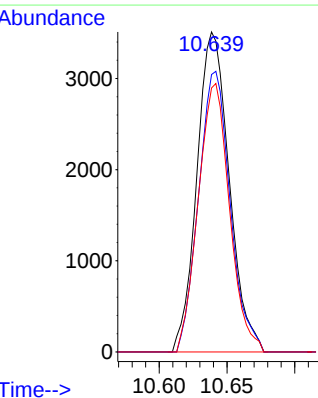
Tgt Ion: 95 Resp: 5820

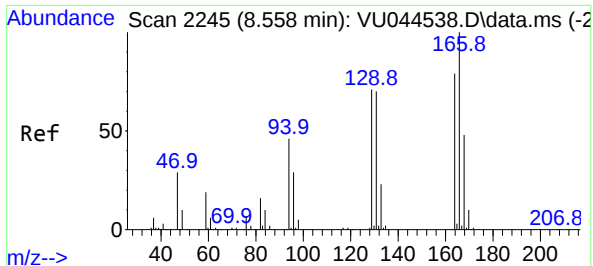
Ion Ratio Lower Upper

95 100

174 85.7 65.9 98.9

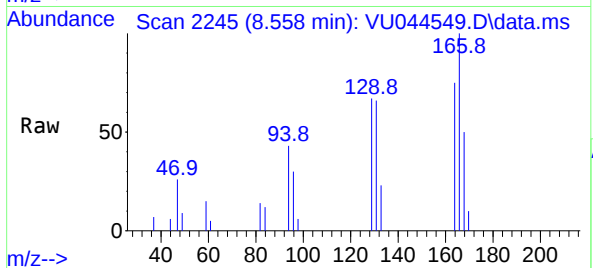
176 81.3 63.0 94.4





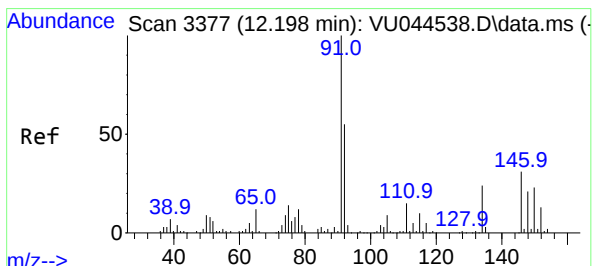
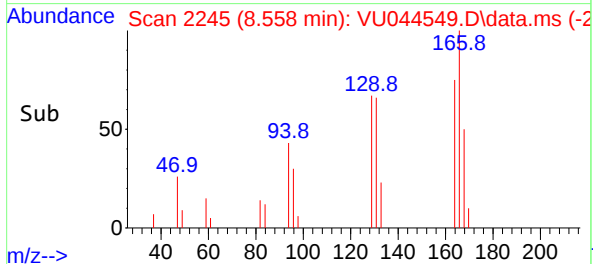
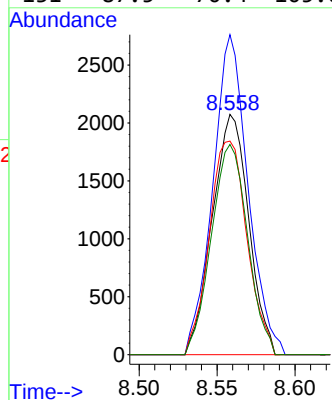
#58
Tetrachloroethene
Concen: 0.61 ug/l
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU044549.D
Acq: 01 Sep 2021 14:31

Instrument :
MSVOA_U
ClientSampled :

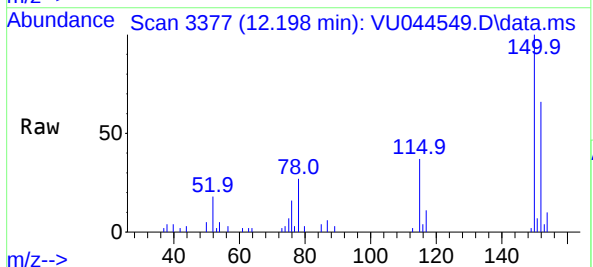


Tgt Ion:164 Resp: 3377

Ion	Ratio	Lower	Upper
164	100		
166	133.2	100.7	151.1
129	88.9	71.8	107.8
131	87.5	70.4	105.6

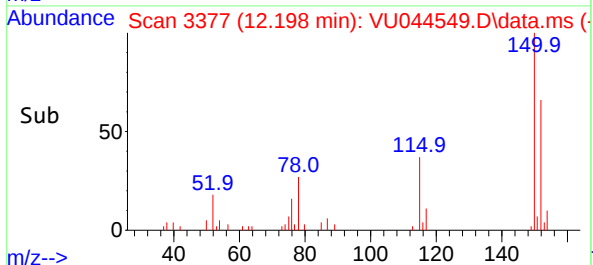
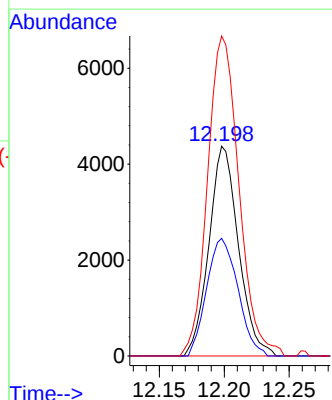


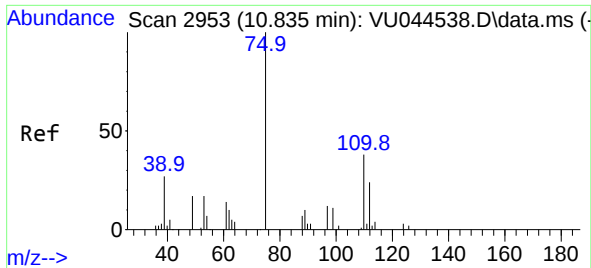
#68
1,2-Dichlorobenzene-d4
Concen: 0.83 ug/l
RT: 12.198 min Scan# 3377
Delta R.T. -0.000 min
Lab File: VU044549.D
Acq: 01 Sep 2021 14:31



Tgt Ion:152 Resp: 6923

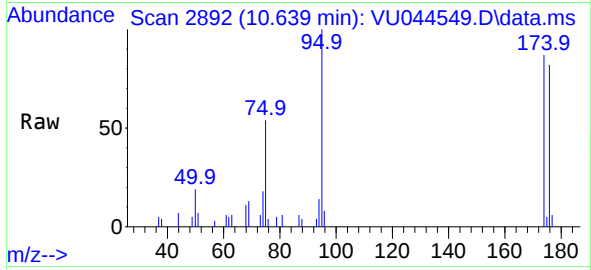
Ion	Ratio	Lower	Upper
152	100		
115	59.1	0.0	277.8
150	161.7	0.0	674.2





#71
1,2,3-Trichloropropane
Concen: 0.73 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.196 min
Lab File: VU044549.D
Acq: 01 Sep 2021 14:31

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	75	Resp:	3122
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	120.8
110	0.0	0.0	97.4
97	0.0	0.0	49.2

