

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
 Data File : VU045092.D
 Acq On : 04 Oct 2021 13:38
 Operator : SY/MD
 Sample : M3996-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A37

Quant Time: Oct 05 02:44:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 05 02:41:56 2021
 Response via : Initial Calibration

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

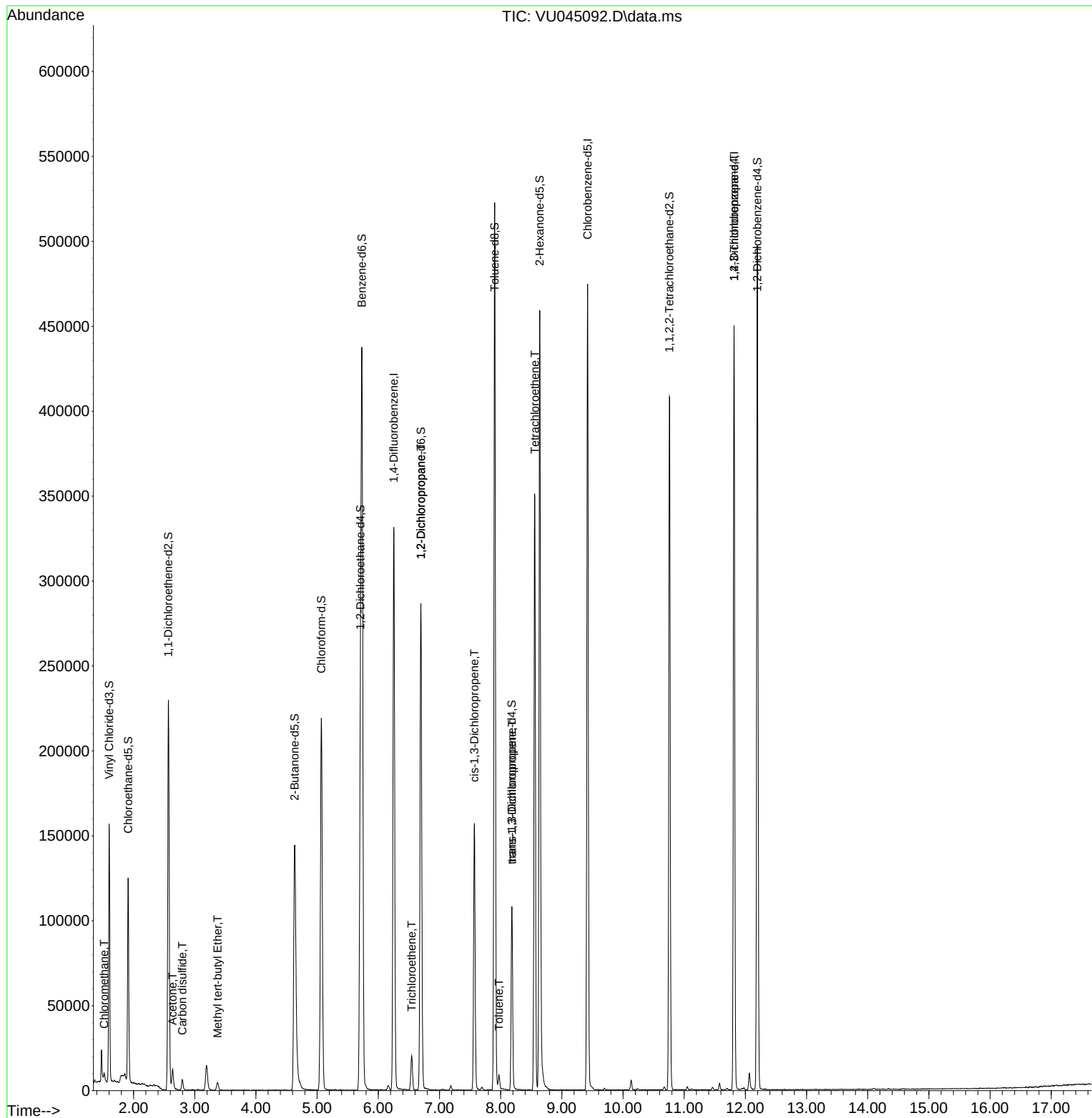
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	259696	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	244566	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	110179	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	98409	34.616	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	69.240%		
7) Chloroethane-d5	1.913	69	91342	40.546	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	81.100%		
11) 1,1-Dichloroethene-d2	2.568	63	138949	29.104	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	58.200%#		
21) 2-Butanone-d5	4.633	46	222488	98.992	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.990%		
24) Chloroform-d	5.070	84	198391	44.184	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.360%		
26) 1,2-Dichloroethane-d4	5.707	65	142638	46.899	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.800%		
32) Benzene-d6	5.732	84	392520	46.253	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.500%		
36) 1,2-Dichloropropane-d6	6.697	67	130294	47.086	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.180%		
41) Toluene-d8	7.903	98	329203	44.951	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.900%		
43) trans-1,3-Dichloroprop...	8.182	79	59146	48.051	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.100%		
47) 2-Hexanone-d5	8.639	63	161077	105.042	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	105.040%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	201403	46.741	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.480%		
66) 1,2-Dichlorobenzene-d4	12.195	152	121848	50.817	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.640%		
Target Compounds						Qvalue
3) Chloromethane	1.520	50	2330	0.752	ug/L	99
13) Acetone	2.639	43	14378	5.534	ug/L	99
14) Carbon disulfide	2.797	76	7624	1.183	ug/L	99
18) Methyl tert-butyl Ether	3.372	73	4759	0.681	ug/L #	90
34) Trichloroethene	6.546	95	6208	2.849	ug/L	96
37) 1,2-Dichloropropane	6.697	63	14795	5.991	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3759	1.064	ug/L #	76
42) Toluene	7.973	91	5575	0.605	ug/L	99
44) trans-1,3-Dichloropropene	8.186	75	2534	0.754	ug/L #	67
46) Tetrachloroethene	8.559	164	72502	46.557	ug/L	99
60) 1,2,3-Trichloropropane	11.816	75	14505	4.760	ug/L #	67

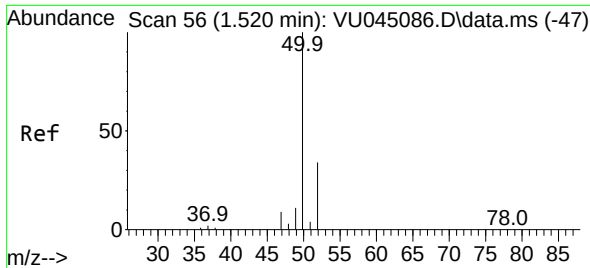
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 05 02:41:56 2021
Response via : Initial Calibration

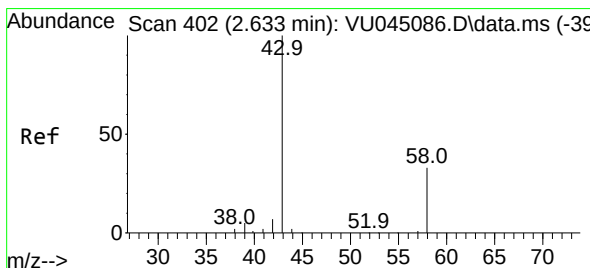
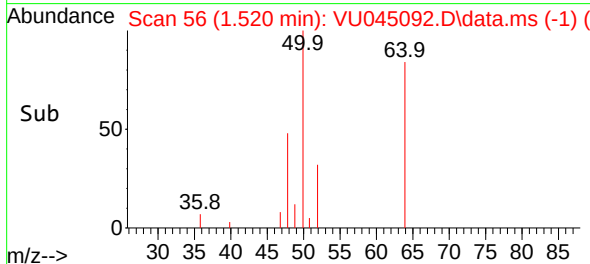
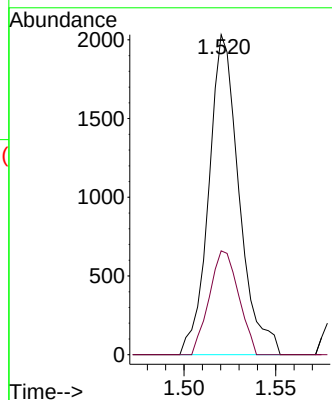
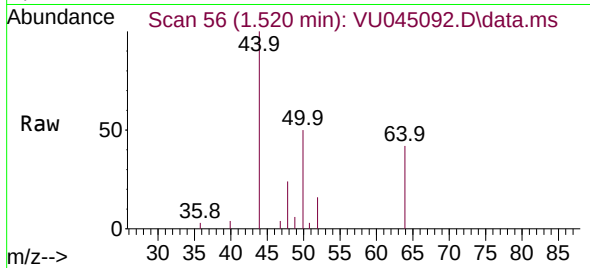




#3
Chloromethane
Concen: 0.752 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU045092.D
Acq: 04 Oct 2021 13:38

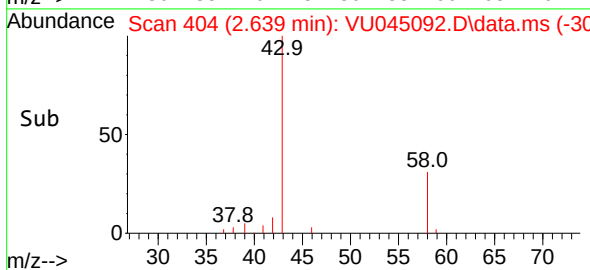
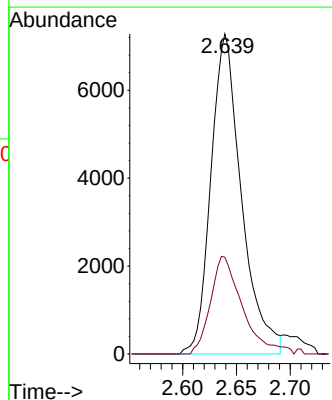
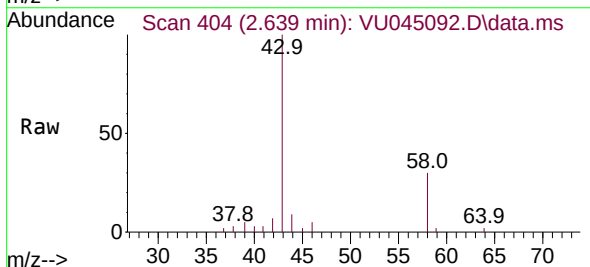
Instrument :
MSVOA_U
ClientSampleId :
F4A37

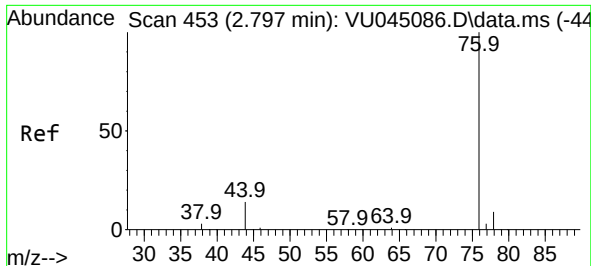
Tgt Ion: 50 Resp: 2330
Ion Ratio Lower Upper
50 100
52 32.5 23.0 42.8



#13
Acetone
Concen: 5.534 ug/L
RT: 2.639 min Scan# 404
Delta R.T. 0.007 min
Lab File: VU045092.D
Acq: 04 Oct 2021 13:38

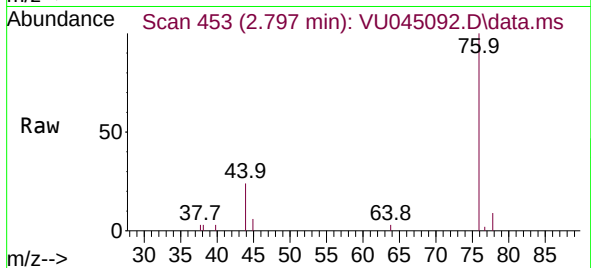
Tgt Ion: 43 Resp: 14378
Ion Ratio Lower Upper
43 100
58 31.9 0.0 62.8



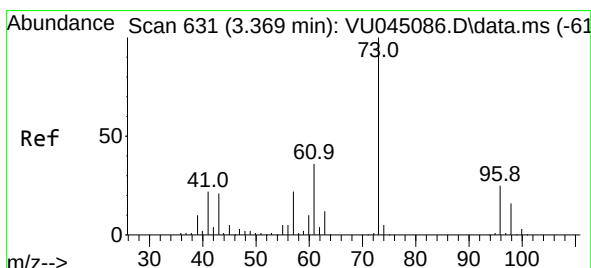
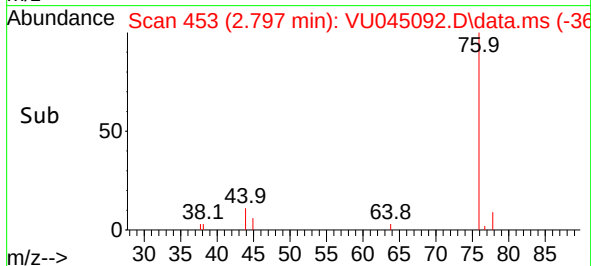
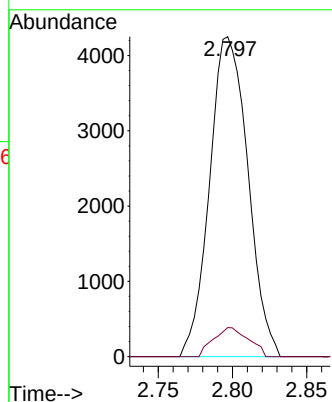


#14
Carbon disulfide
Concen: 1.183 ug/L
RT: 2.797 min Scan# 453
Delta R.T. 0.000 min
Lab File: VU045092.D
Acq: 04 Oct 2021 13:38

Instrument :
MSVOA_U
ClientSampleId :
F4A37

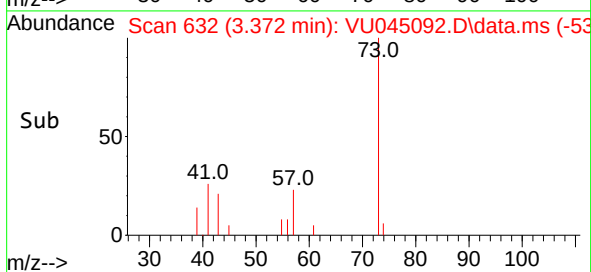
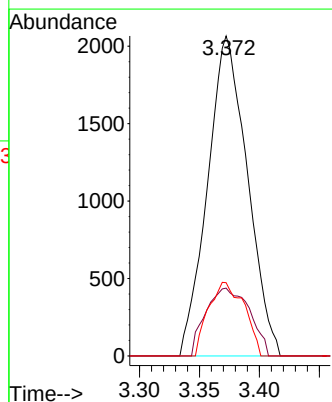
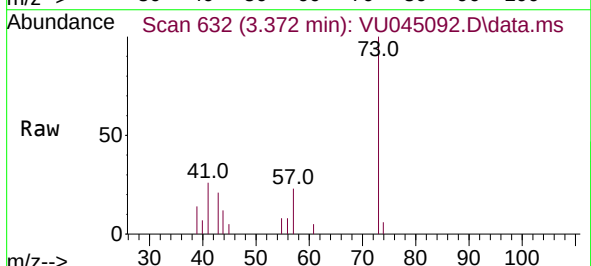


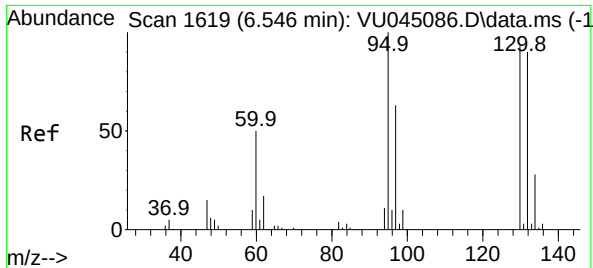
Tgt Ion: 76 Resp: 7624
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl tert-butyl Ether
Concen: 0.681 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.003 min
Lab File: VU045092.D
Acq: 04 Oct 2021 13:38

Tgt Ion: 73 Resp: 4759
Ion Ratio Lower Upper
73 100
43 23.4 17.3 25.9
57 15.8 18.7 28.1#



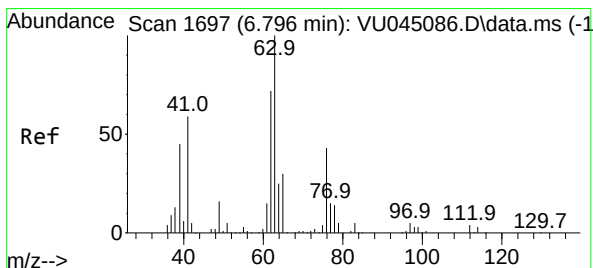
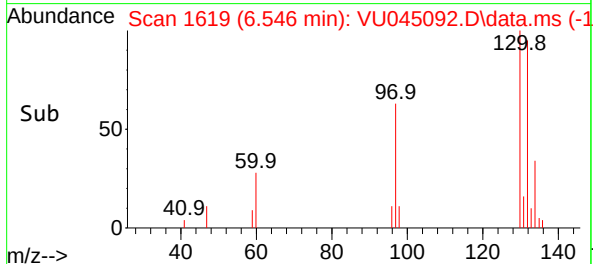
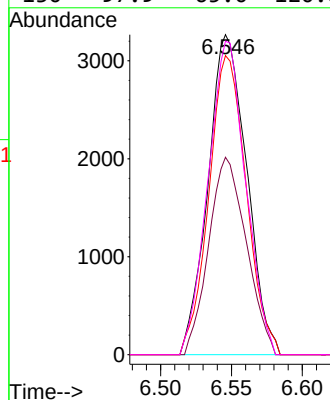
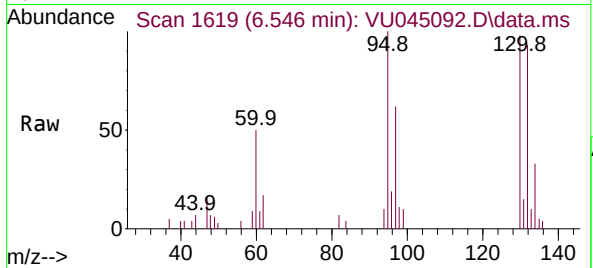


#34
Trichloroethene
Concen: 2.849 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045092.D
Acq: 04 Oct 2021 13:38

Instrument :
MSVOA_U
ClientSampleId :
F4A37

Tgt Ion: 95 Resp: 6208

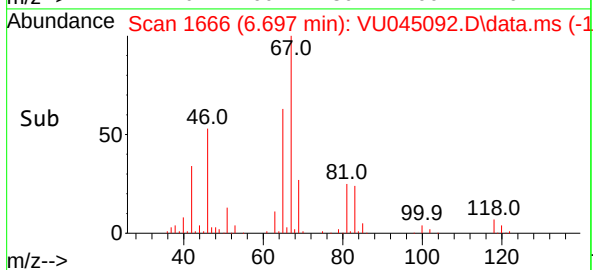
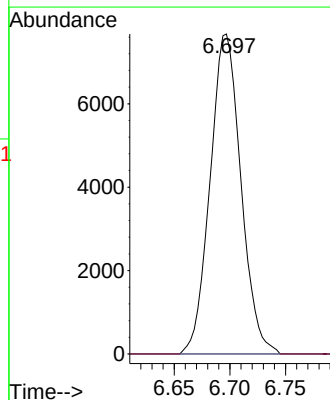
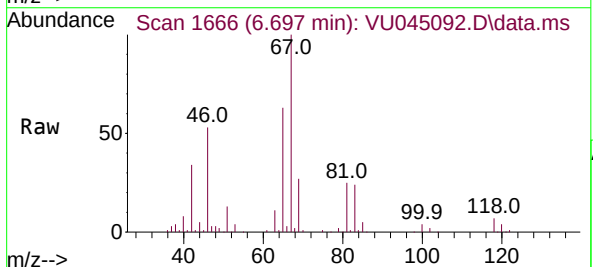
Ion	Ratio	Lower	Upper
95	100		
97	61.7	44.4	82.4
132	93.4	62.9	116.9
130	97.9	65.0	120.8

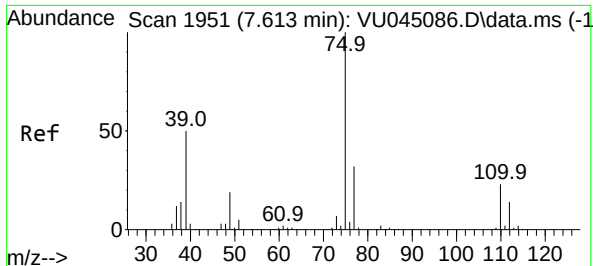


#37
1,2-Dichloropropane
Concen: 5.991 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU045092.D
Acq: 04 Oct 2021 13:38

Tgt Ion: 63 Resp: 14795

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#



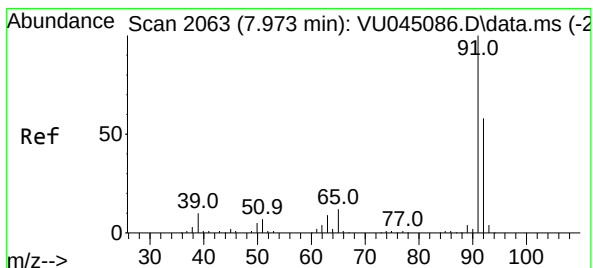
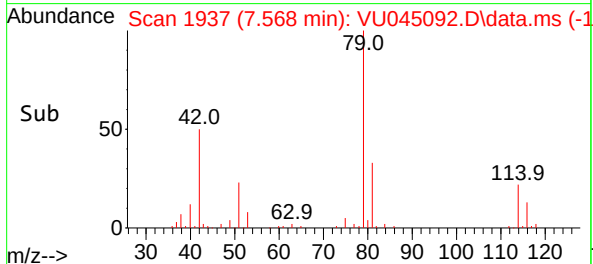
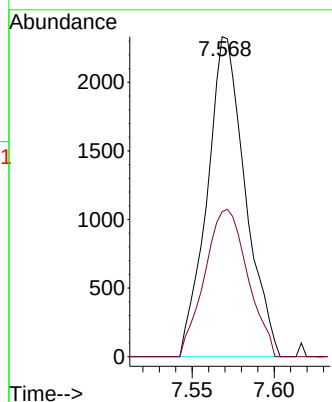
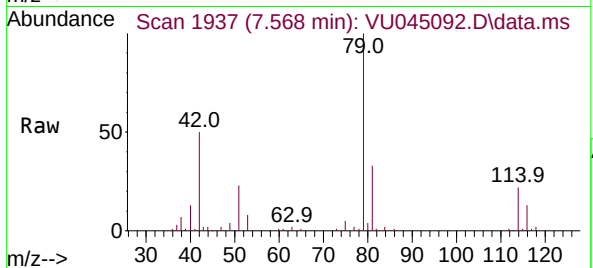


#39

cis-1,3-Dichloropropene
Concen: 1.064 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.045 min
Lab File: VU045092.D
Acq: 04 Oct 2021 13:38

Instrument :
MSVOA_U
ClientSampled :
F4A37

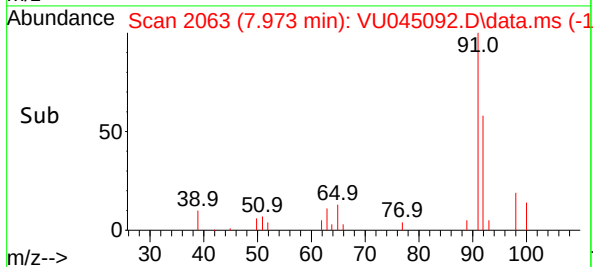
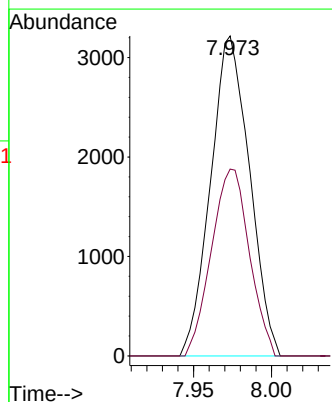
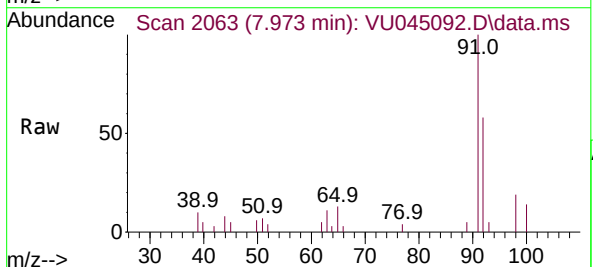
Tgt Ion: 75 Resp: 3759
Ion Ratio Lower Upper
75 100
77 45.3 22.4 41.6#

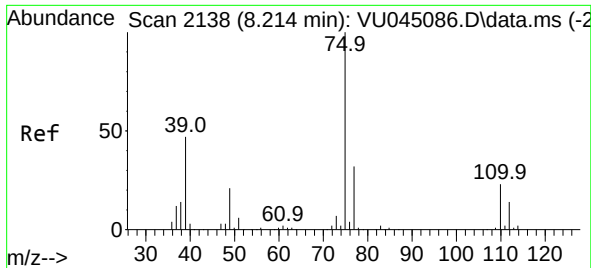


#42

Toluene
Concen: 0.605 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045092.D
Acq: 04 Oct 2021 13:38

Tgt Ion: 91 Resp: 5575
Ion Ratio Lower Upper
91 100
92 58.4 40.5 75.1

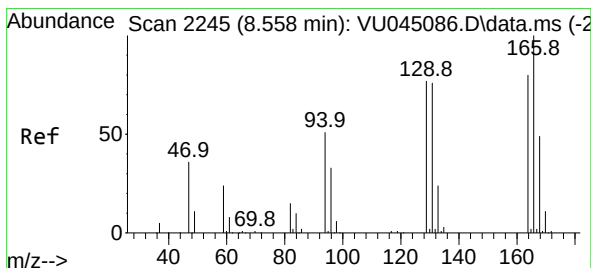
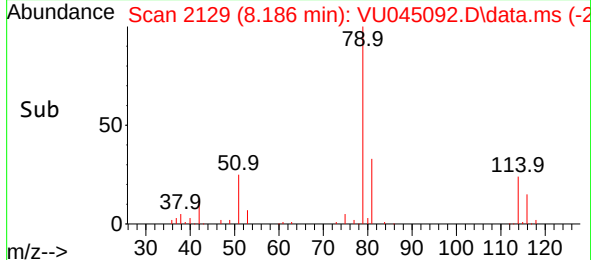
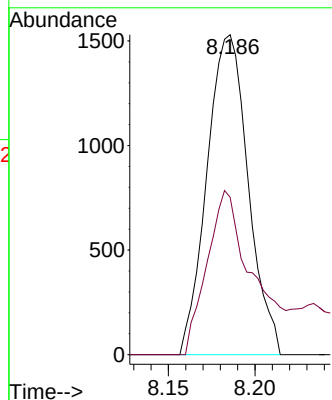
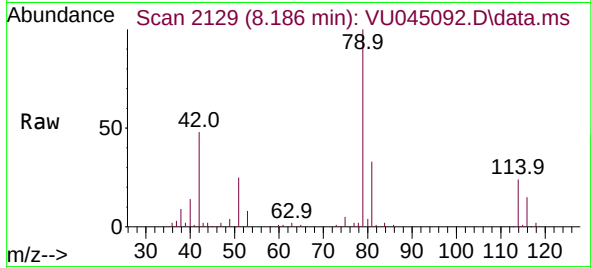




#44
trans-1,3-Dichloropropene
Concen: 0.754 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU045092.D
Acq: 04 Oct 2021 13:38

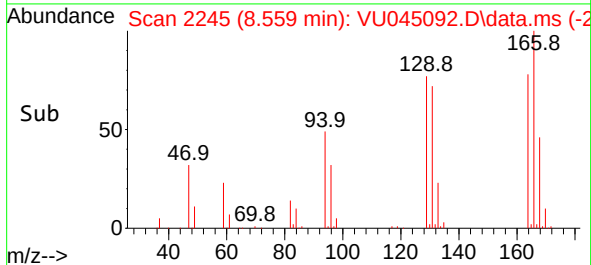
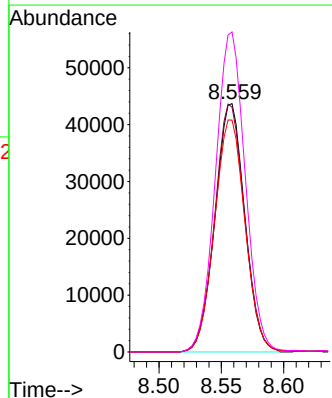
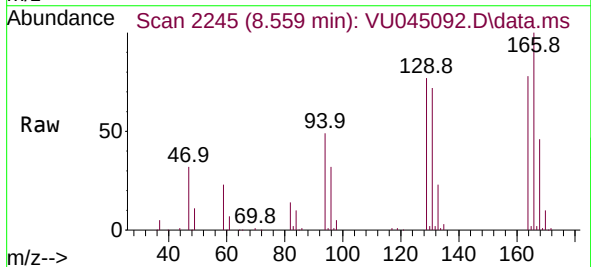
Instrument :
MSVOA_U
ClientSampled :
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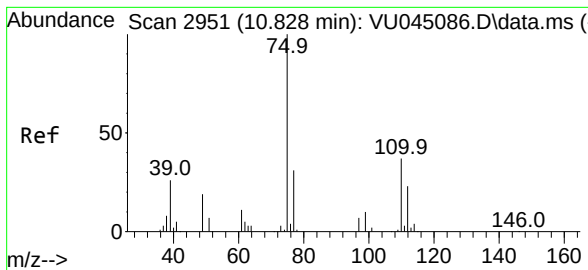
Tgt Ion: 75 Resp: 2534
Ion Ratio Lower Upper
75 100
77 49.2 21.7 40.3#



#46
Tetrachloroethene
Concen: 46.557 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU045092.D
Acq: 04 Oct 2021 13:38

Tgt Ion: 164 Resp: 72502
Ion Ratio Lower Upper
164 100
129 98.6 69.8 129.6
131 93.4 66.4 123.2
166 128.9 91.1 169.3





#60
 1,2,3-Trichloropropane
 Concen: 4.760 ug/L
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.987 min
 Lab File: VU045092.D
 Acq: 04 Oct 2021 13:38

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A37

Tgt Ion:	75	Resp:	14505
Ion	Ratio	Lower	Upper
75	100		
77	34.6	25.5	38.3
110	2.2	29.0	43.4#

