

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100921\
 Data File : VU045269.D
 Acq On : 09 Oct 2021 17:49
 Operator : SY/MD
 Sample : M4027-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 11 01:48:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 11 01:47:08 2021
 Response via : Initial Calibration

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

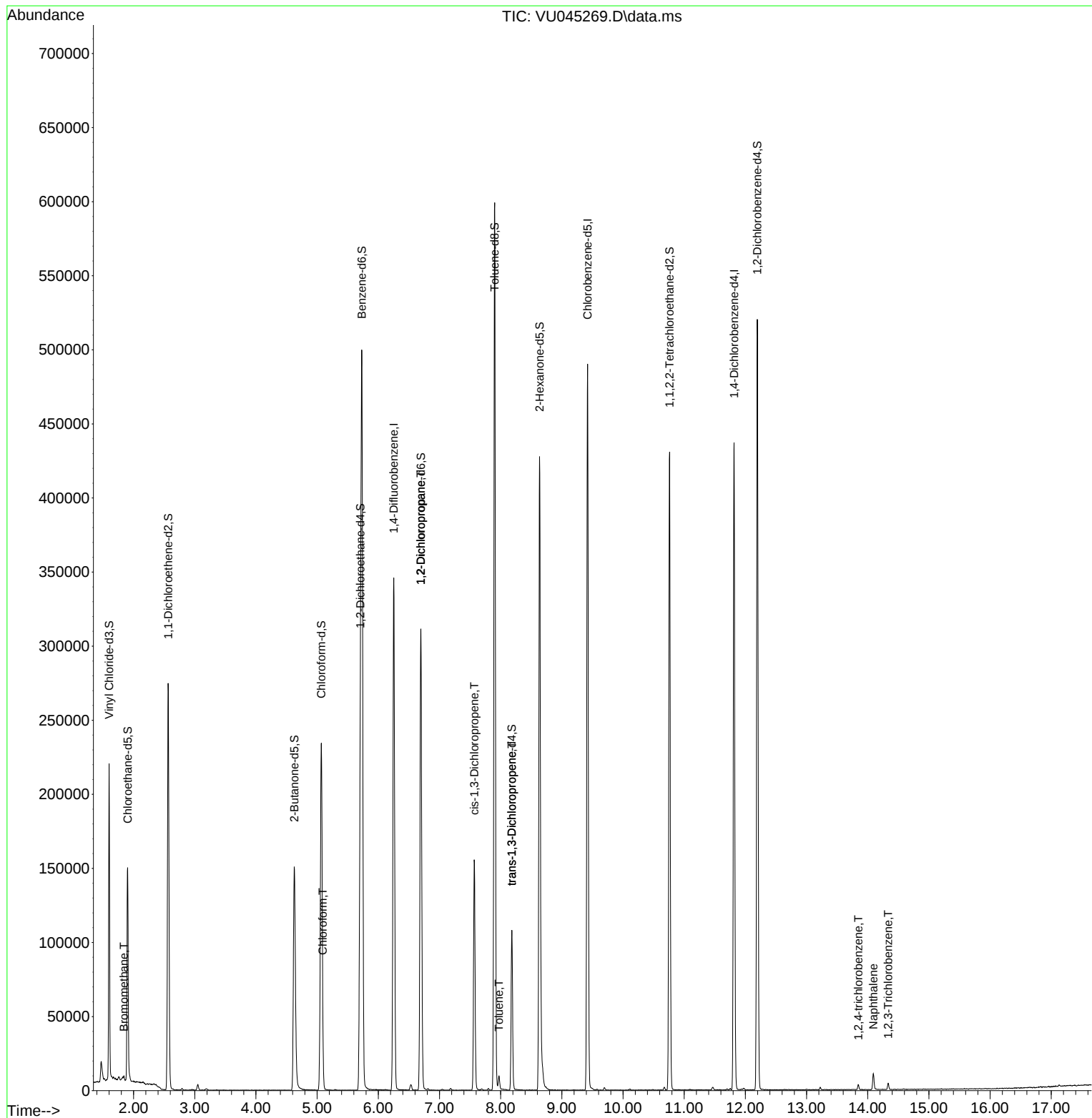
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	266721	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	257192	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	108734	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	137079	46.948	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.900%		
7) Chloroethane-d5	1.903	69	110926	47.942	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.880%		
11) 1,1-Dichloroethene-d2	2.565	63	167720	34.205	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.420%		
21) 2-Butanone-d5	4.626	46	218996	94.872	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.870%		
24) Chloroform-d	5.070	84	210294	45.602	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.200%		
26) 1,2-Dichloroethane-d4	5.707	65	150720	48.251	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.500%		
32) Benzene-d6	5.732	84	446442	50.024	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.040%		
36) 1,2-Dichloropropane-d6	6.697	67	144799	49.759	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.520%		
41) Toluene-d8	7.903	98	379264	49.244	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.480%		
43) trans-1,3-Dichloroprop...	8.182	79	58015	44.819	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.640%		
47) 2-Hexanone-d5	8.636	63	149565	92.746	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.750%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	216921	47.871	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.740%		
66) 1,2-Dichlorobenzene-d4	12.195	152	129025	54.525	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	109.040%		
Target Compounds						Qvalue
6) Bromomethane	1.842	94	1225	0.819	ug/L	98
25) Chloroform	5.092	83	3571	0.794	ug/L	78
37) 1,2-Dichloropropane	6.694	63	16162	6.223	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3570	0.961	ug/L #	73
42) Toluene	7.973	91	6305	0.651	ug/L	98
44) trans-1,3-Dichloropropene	8.182	75	2636	0.746	ug/L	84
70) 1,2,4-trichlorobenzene	13.848	180	1268	0.598	ug/L #	93
71) Naphthalene	14.092	128	9856	1.341	ug/L	98
72) 1,2,3-Trichlorobenzene	14.336	180	1598	0.736	ug/L	92

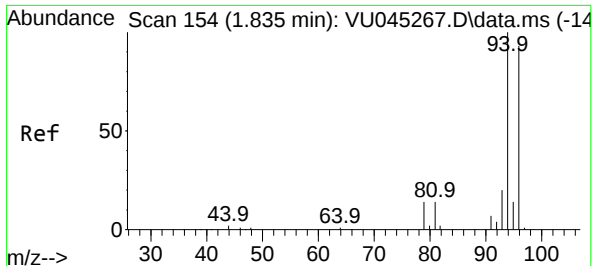
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Oct 11 01:47:08 2021
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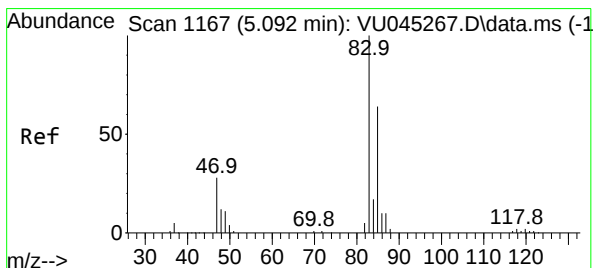
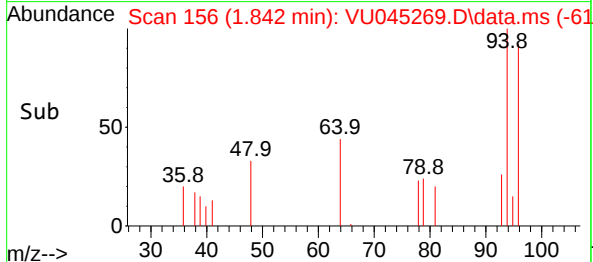
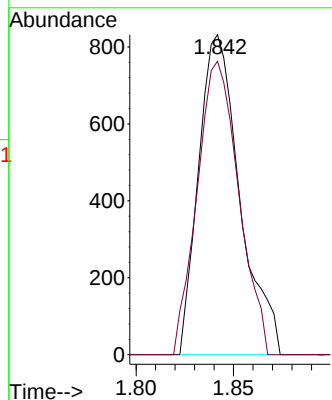
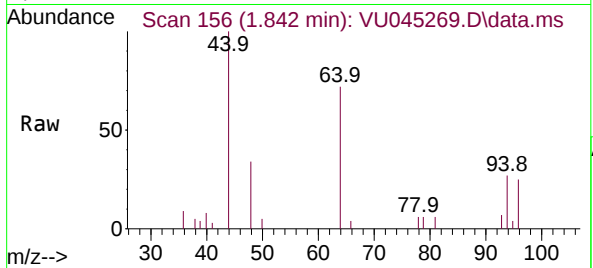




#6
Bromomethane
Concen: 0.819 ug/L
RT: 1.842 min Scan# 156
Delta R.T. 0.006 min
Lab File: VU045269.D
Acq: 09 Oct 2021 17:49

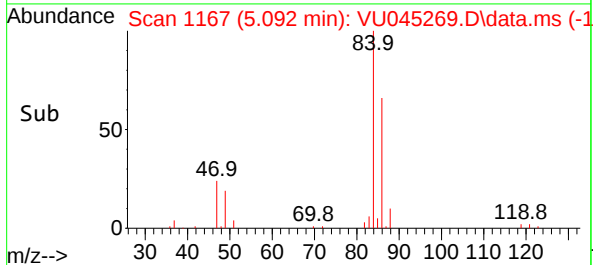
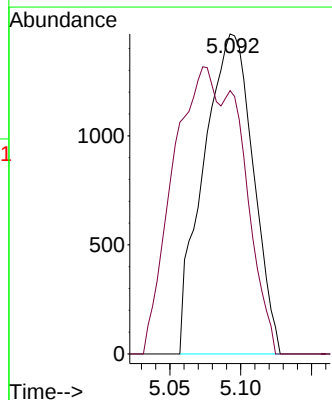
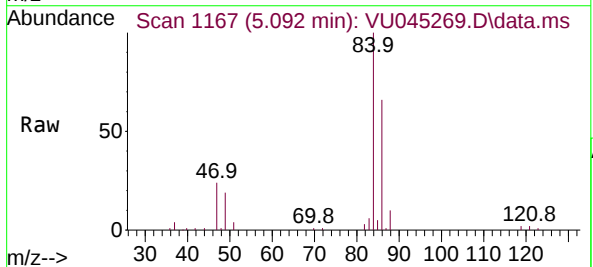
Instrument :
MSVOA_U
ClientSampleId :

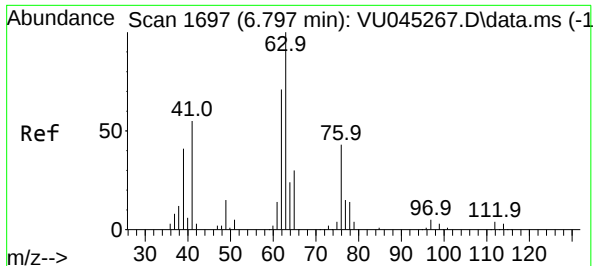
Tgt Ion: 94 Resp: 1225
Ion Ratio Lower Upper
94 100
96 91.7 65.7 121.9



#25
Chloroform
Concen: 0.794 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU045269.D
Acq: 09 Oct 2021 17:49

Tgt Ion: 83 Resp: 3571
Ion Ratio Lower Upper
83 100
85 82.3 45.6 84.6



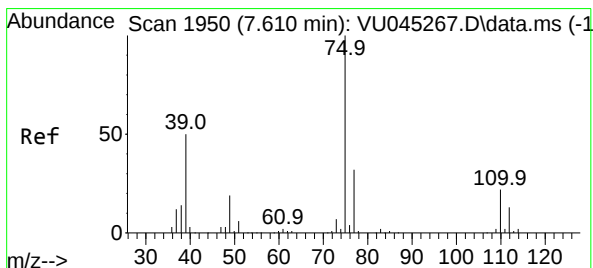
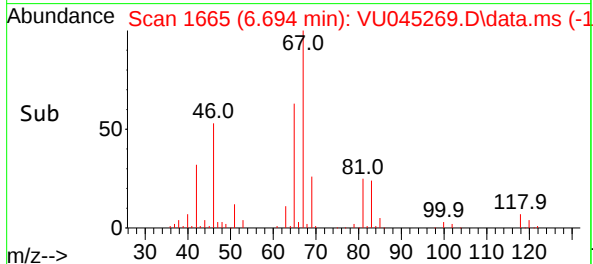
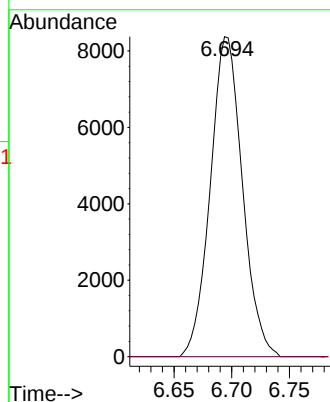
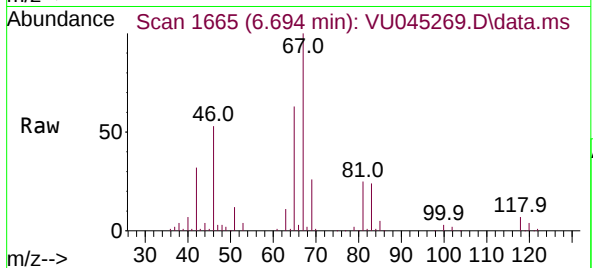


#37

1,2-Dichloropropane
Concen: 6.223 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU045269.D
Acq: 09 Oct 2021 17:49

Instrument :
MSVOA_U
ClientSampled :

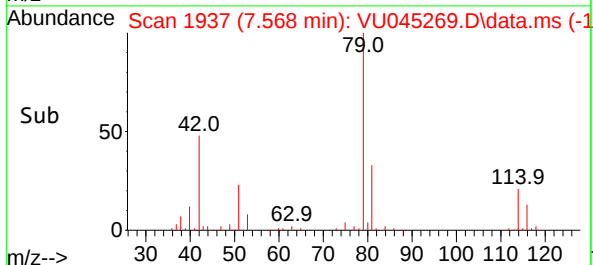
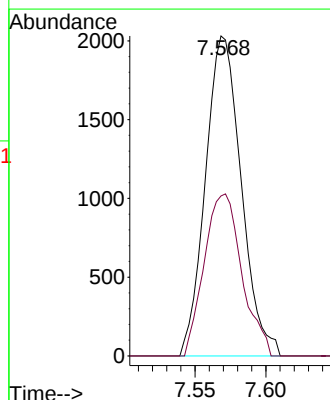
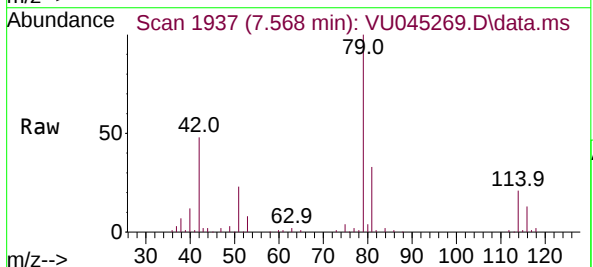
Tgt Ion: 63 Resp: 16162
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

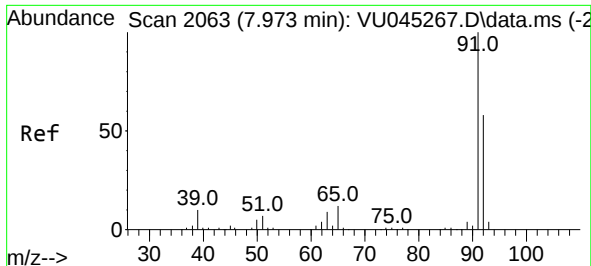


#39

cis-1,3-Dichloropropene
Concen: 0.961 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU045269.D
Acq: 09 Oct 2021 17:49

Tgt Ion: 75 Resp: 3570
Ion Ratio Lower Upper
75 100
77 47.0 22.4 41.6#

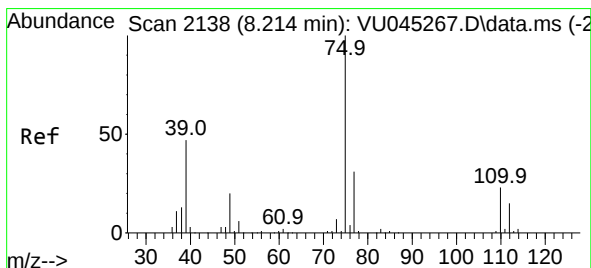
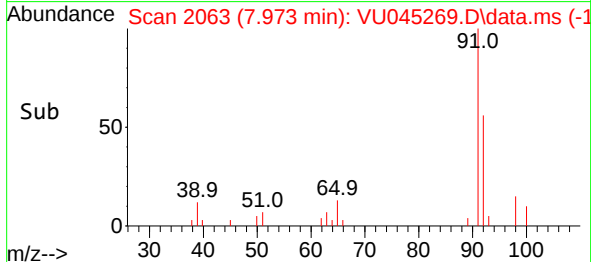
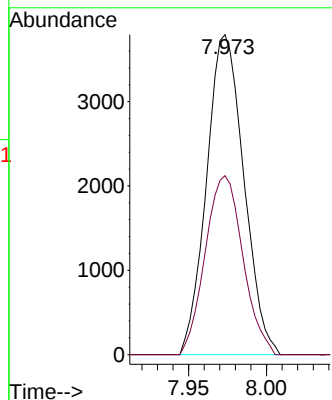
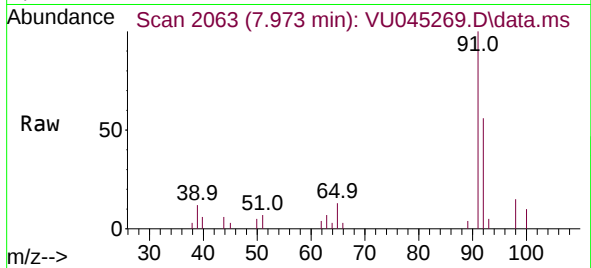




#42
Toluene
Concen: 0.651 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045269.D
Acq: 09 Oct 2021 17:49

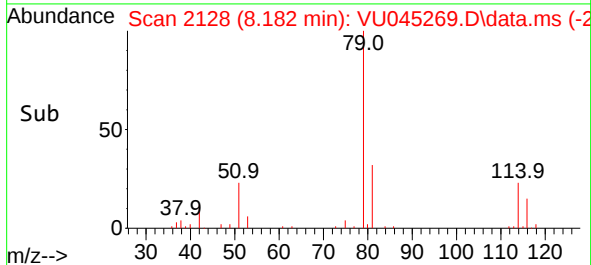
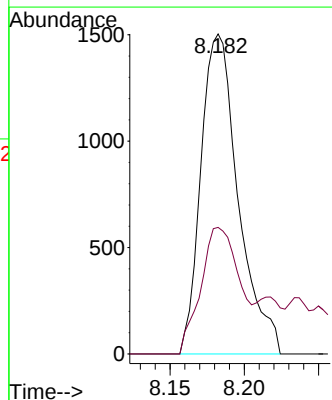
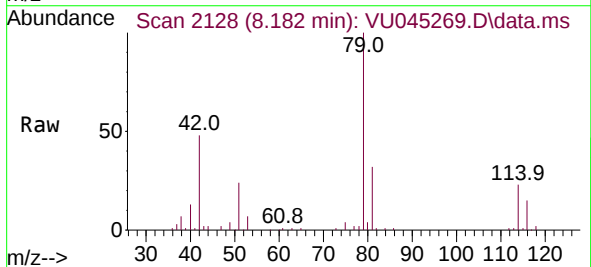
Instrument :
MSVOA_U
ClientSampleId :

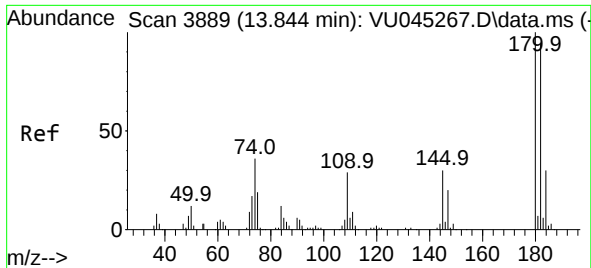
Tgt Ion: 91 Resp: 6305
Ion Ratio Lower Upper
91 100
92 56.0 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.746 ug/L
RT: 8.182 min Scan# 2128
Delta R.T. -0.032 min
Lab File: VU045269.D
Acq: 09 Oct 2021 17:49

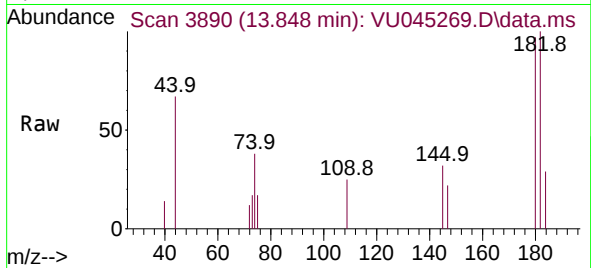
Tgt Ion: 75 Resp: 2636
Ion Ratio Lower Upper
75 100
77 39.6 21.7 40.3



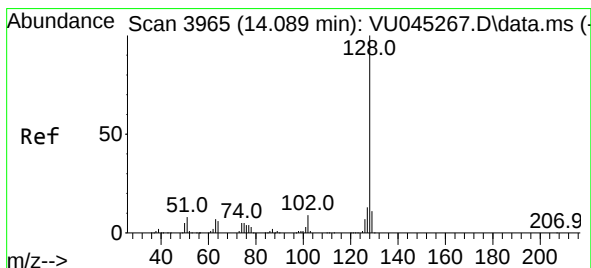
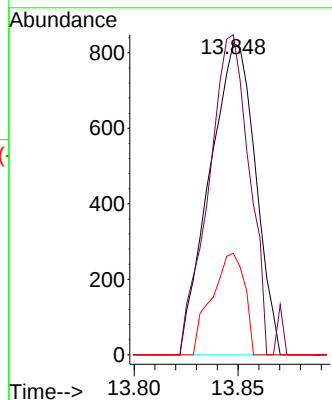
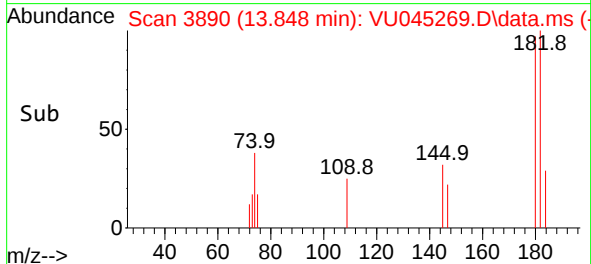


#70
1,2,4-trichlorobenzene
Concen: 0.598 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.003 min
Lab File: VU045269.D
Acq: 09 Oct 2021 17:49

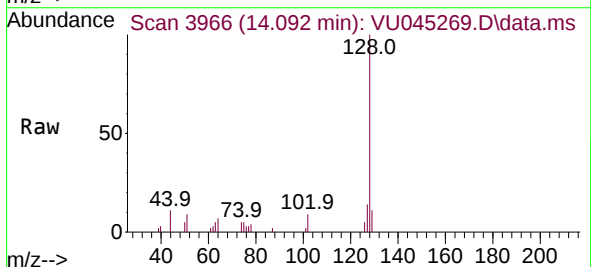
Instrument :
MSVOA_U
ClientSampled :



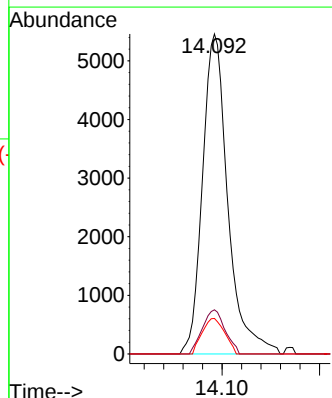
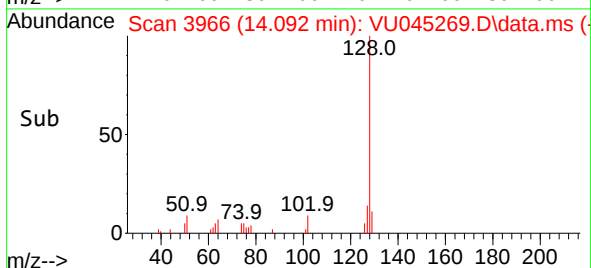
Tgt Ion:180 Resp: 1268
Ion Ratio Lower Upper
180 100
182 90.7 76.2 114.2
145 23.3 25.4 38.0#

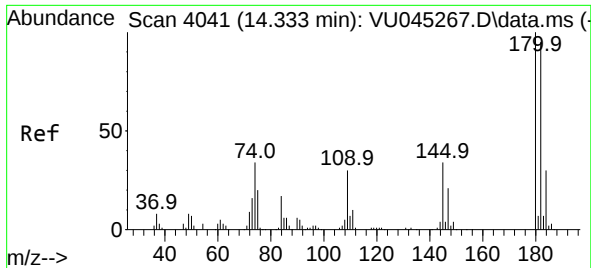


#71
Naphthalene
Concen: 1.341 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU045269.D
Acq: 09 Oct 2021 17:49



Tgt Ion:128 Resp: 9856
Ion Ratio Lower Upper
128 100
127 12.4 10.4 15.6
129 9.8 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 0.736 ug/L
 RT: 14.336 min Scan# 4042
 Delta R.T. 0.003 min
 Lab File: VU045269.D
 Acq: 09 Oct 2021 17:49

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:180 Resp: 1598
 Ion Ratio Lower Upper
 180 100
 182 87.2 76.8 115.2
 145 29.3 26.5 39.7

