

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092921\
 Data File : VV022397.D
 Acq On : 29 Sep 2021 23:20
 Operator : SY/MD
 Sample : M3979-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A26

Quant Time: Sep 30 07:07:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 30 06:55:59 2021
 Response via : Initial Calibration

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

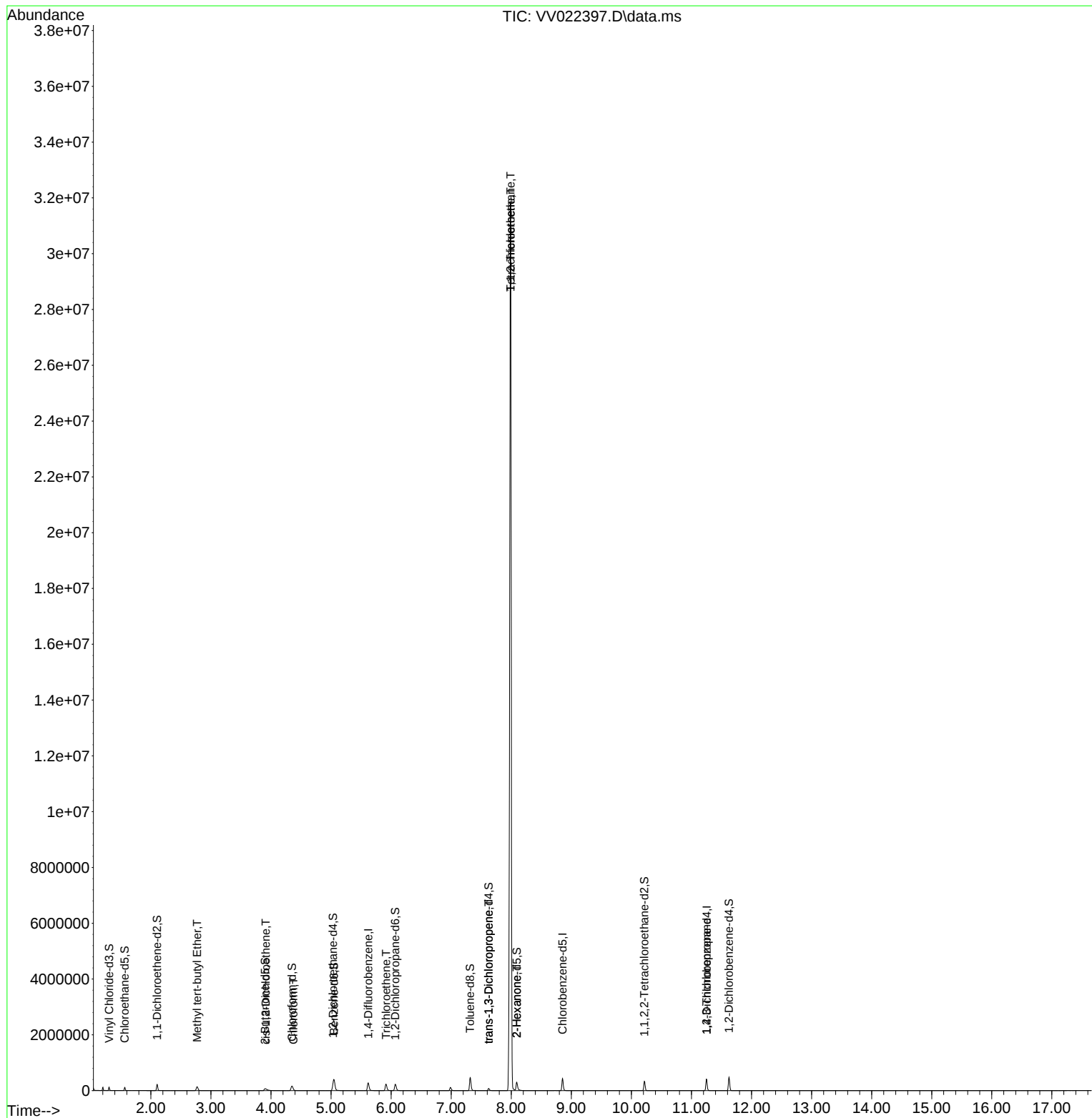
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	258144	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	247877	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	113129	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	78970	36.047	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	72.100%		
7) Chloroethane-d5	1.564	69	70961	40.952	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	81.900%		
11) 1,1-Dichloroethene-d2	2.105	63	115360	30.287	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	60.580%		
21) 2-Butanone-d5	3.902	46	151910	98.254	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.250%		
24) Chloroform-d	4.349	84	172626	43.638	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.280%		
26) 1,2-Dichloroethane-d4	5.034	65	107682	44.389	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.780%		
32) Benzene-d6	5.050	84	351280	45.048	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.100%		
36) 1,2-Dichloropropane-d6	6.069	67	116326	46.629	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.260%		
41) Toluene-d8	7.317	98	312670	43.807	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.620%		
43) trans-1,3-Dichloroprop...	7.622	79	47555	41.745	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.500%		
47) 2-Hexanone-d5	8.091	63	107130	105.683	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	105.680%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	162777	44.949	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.900%		
66) 1,2-Dichlorobenzene-d4	11.625	152	127995	50.881	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.760%		
Target Compounds						Qvalue
18) Methyl tert-butyl Ether	2.770	73	142332	24.442	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	3497	1.677	ug/L	98
25) Chloroform	4.375	83	2957	0.812	ug/L	99
34) Trichloroethene	5.915	95	83992	43.176	ug/L	98
44) trans-1,3-Dichloropropene	7.625	75	2347	0.860	ug/L	96
45) 1,1,2-Trichloroethane	7.989	97	67022	33.921	ug/L #	1
46) Tetrachloroethene	7.989	164	7264477	4535.283	ug/L	95
48) 2-Hexanone	8.091	43	11083	5.342	ug/L #	67
61) 1,2,3-Trichloropropane	11.249	75	12776	6.053	ug/L #	66

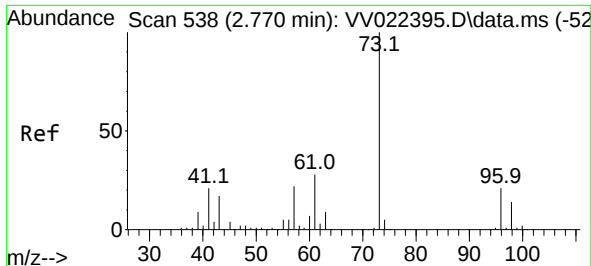
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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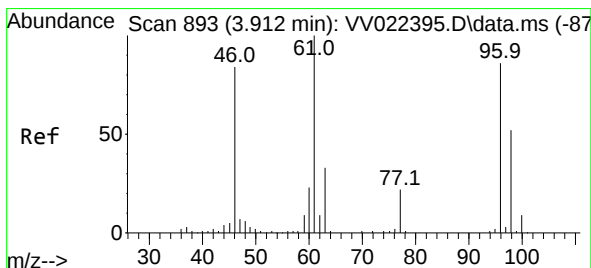
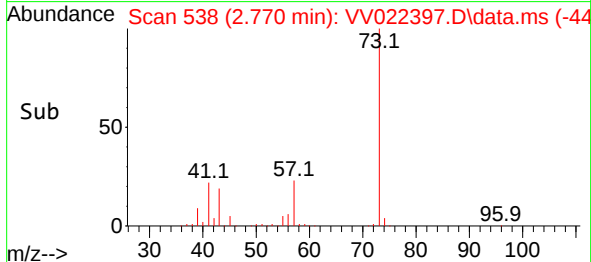
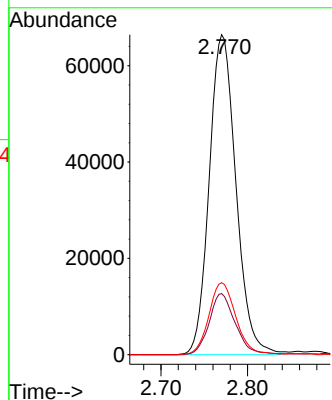
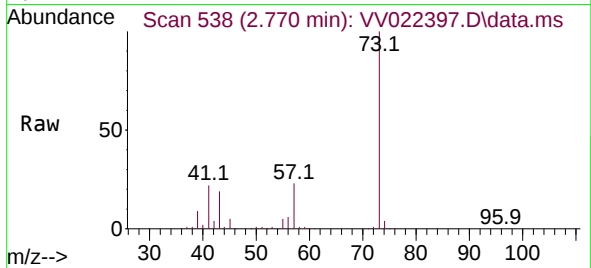


#18
Methyl tert-butyl Ether
Concen: 24.442 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.000 min
Lab File: VV022397.D
Acq: 29 Sep 2021 23:20

Instrument :
MSVOA_V
ClientSampled :
F4A26

Tgt Ion: 73 Resp: 142332

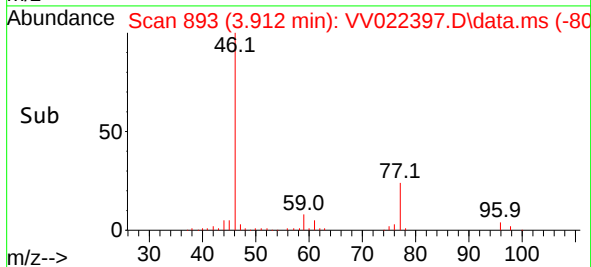
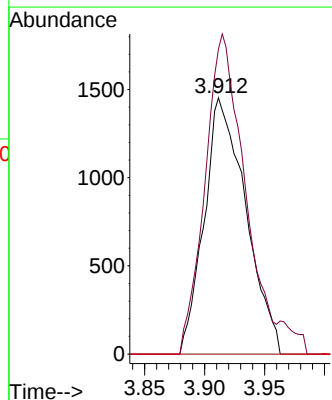
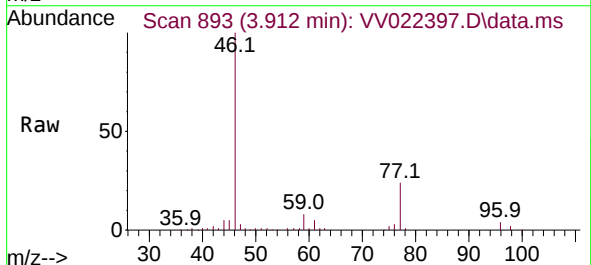
Ion	Ratio	Lower	Upper
73	100		
43	18.4	14.6	21.8
57	22.7	17.6	26.4

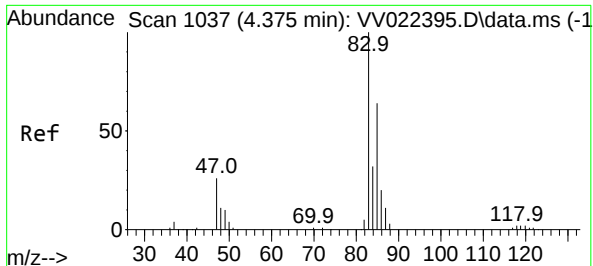


#20
cis-1,2-Dichloroethene
Concen: 1.677 ug/L
RT: 3.912 min Scan# 893
Delta R.T. -0.000 min
Lab File: VV022397.D
Acq: 29 Sep 2021 23:20

Tgt Ion: 96 Resp: 3497

Ion	Ratio	Lower	Upper
96	100		
61	119.0	84.6	157.0
68	0.0	0.0	0.0



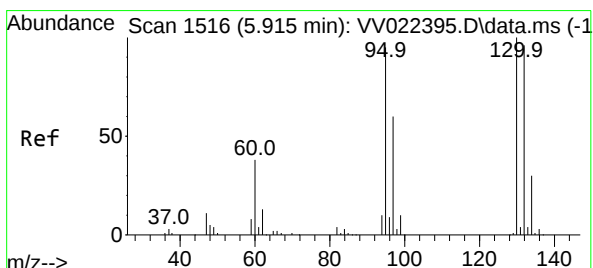
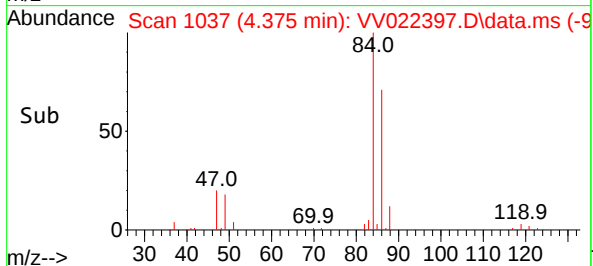
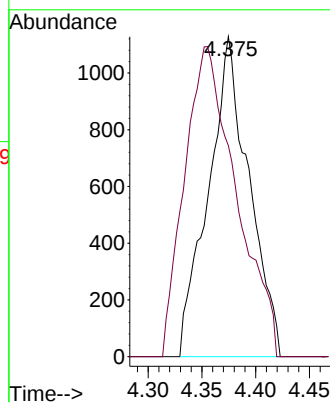
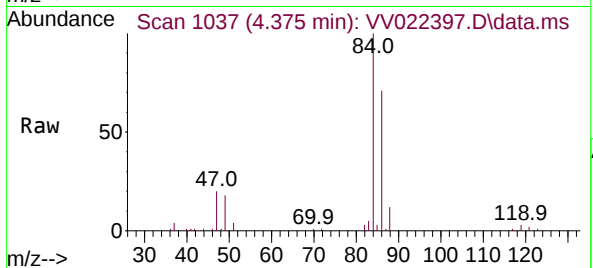


#25

Chloroform
Concen: 0.812 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VV022397.D
Acq: 29 Sep 2021 23:20

Instrument :
MSVOA_V
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F4A26

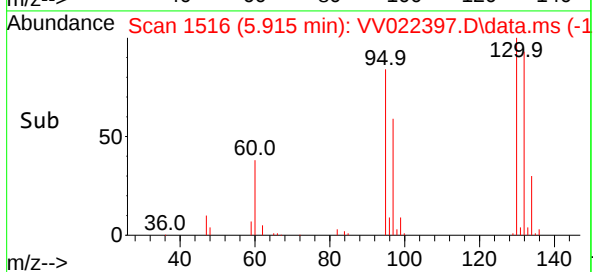
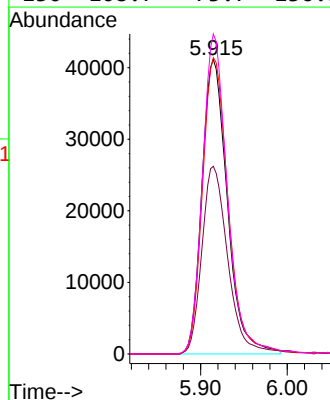
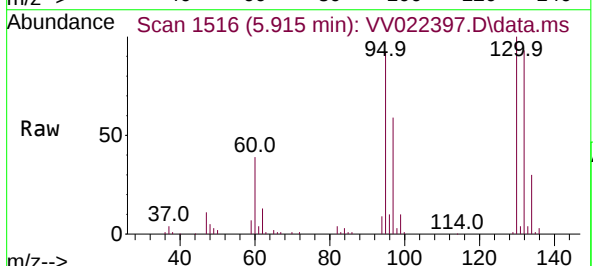
Tgt Ion: 83 Resp: 2957
Ion Ratio Lower Upper
83 100
85 66.0 46.5 86.3

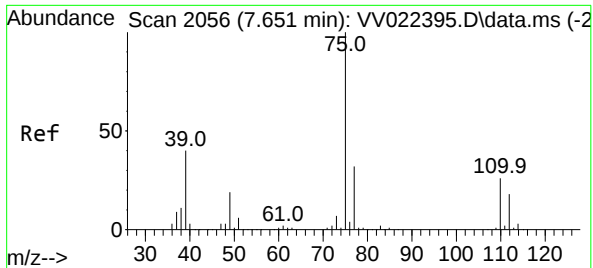


#34

Trichloroethene
Concen: 43.176 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV022397.D
Acq: 29 Sep 2021 23:20

Tgt Ion: 95 Resp: 83992
Ion Ratio Lower Upper
95 100
97 63.7 45.2 84.0
132 100.6 71.0 131.8
130 108.7 73.7 136.9

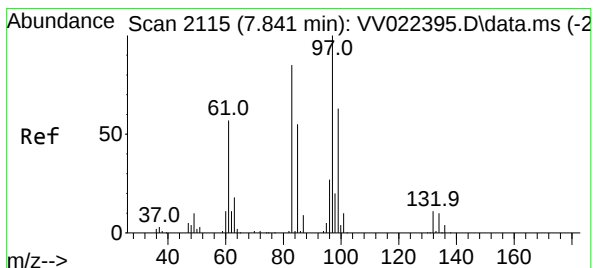
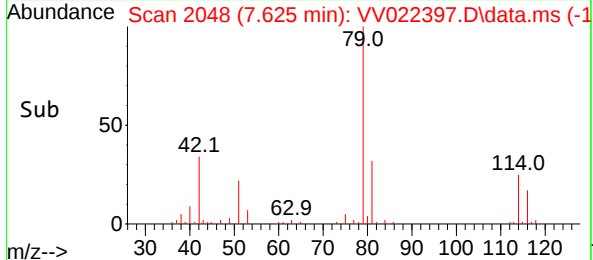
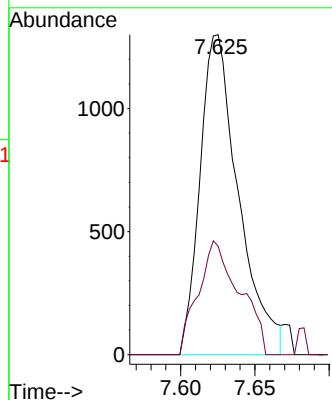
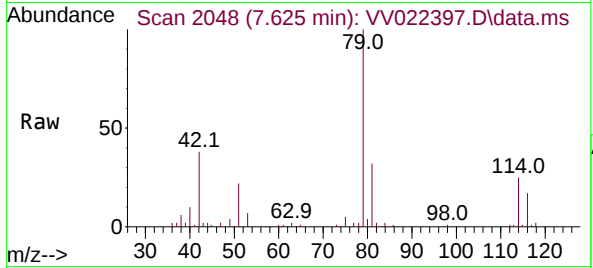




#44
trans-1,3-Dichloropropene
Concen: 0.860 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.026 min
Lab File: VV022397.D
Acq: 29 Sep 2021 23:20

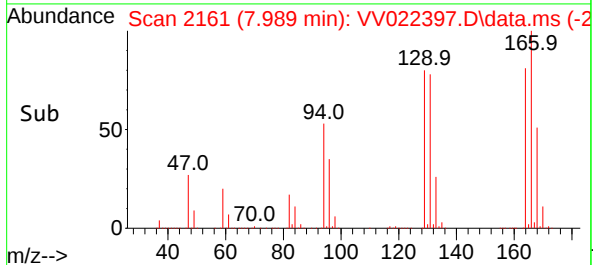
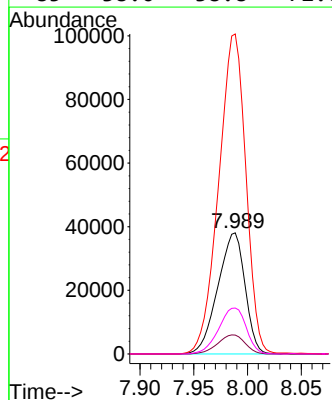
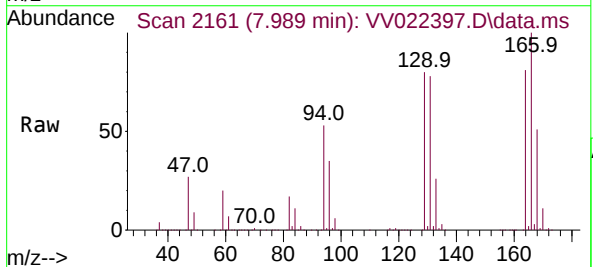
Instrument :
MSVOA_V
ClientSampled :
F4A26

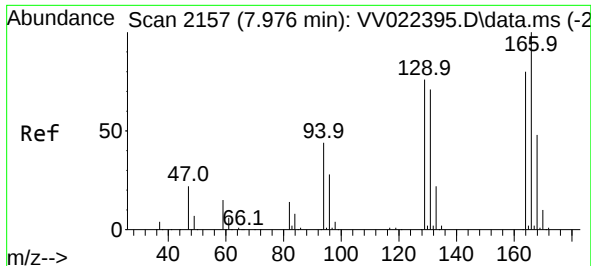
Tgt Ion: 75 Resp: 2347
Ion Ratio Lower Upper
75 100
77 33.9 22.3 41.3



#45
1,1,2-Trichloroethane
Concen: 33.921 ug/L
RT: 7.989 min Scan# 2161
Delta R.T. 0.148 min
Lab File: VV022397.D
Acq: 29 Sep 2021 23:20

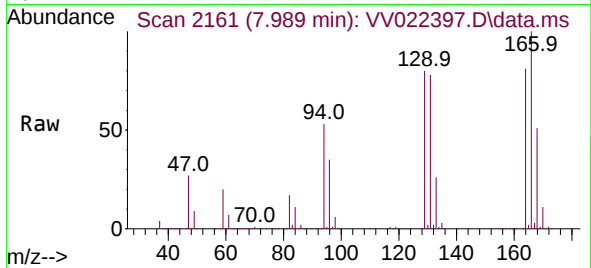
Tgt Ion: 97 Resp: 67022
Ion Ratio Lower Upper
97 100
99 15.6 44.6 82.8#
83 264.0 59.8 111.1#
85 38.0 38.8 72.0#





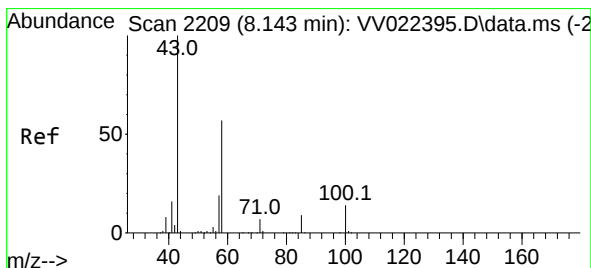
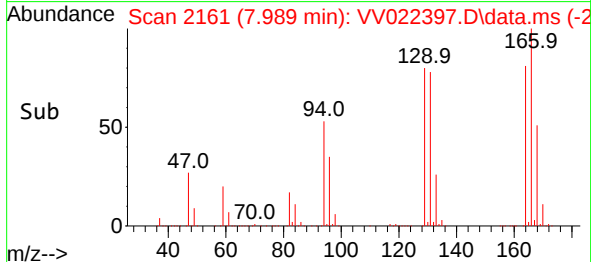
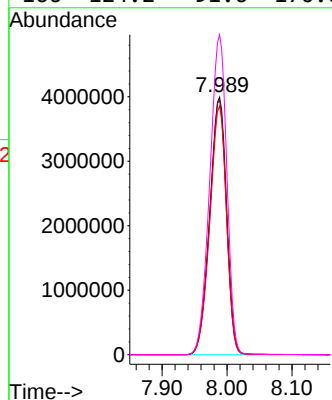
#46
Tetrachloroethene
Concen: 4535.283 ug/L
RT: 7.989 min Scan# 2161
Delta R.T. 0.013 min
Lab File: VV022397.D
Acq: 29 Sep 2021 23:20

Instrument :
MSVOA_V
ClientSampled :
F4A26

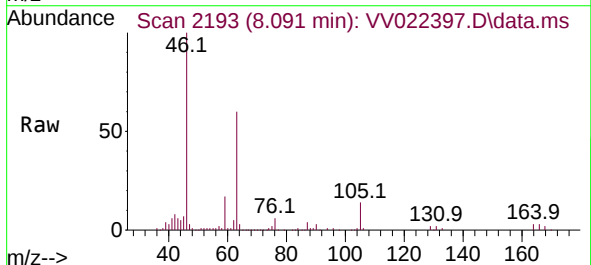


Tgt Ion:164 Resp: 7264477

Ion	Ratio	Lower	Upper
164	100		
129	99.0	66.4	123.4
131	96.5	63.6	118.0
166	124.2	91.6	170.0

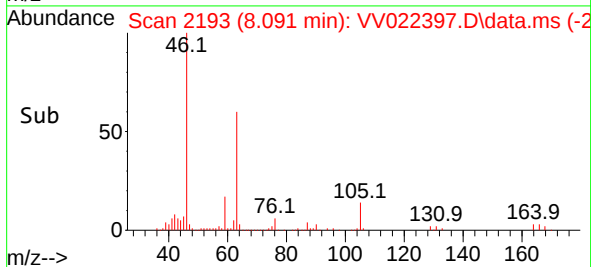
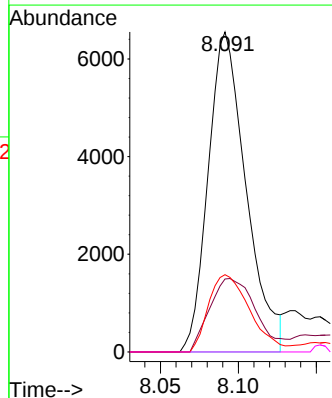


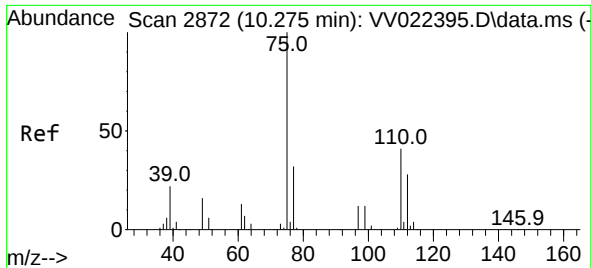
#48
2-Hexanone
Concen: 5.342 ug/L
RT: 8.091 min Scan# 2193
Delta R.T. -0.051 min
Lab File: VV022397.D
Acq: 29 Sep 2021 23:20



Tgt Ion: 43 Resp: 11083

Ion	Ratio	Lower	Upper
43	100		
58	28.6	45.4	68.2#
57	26.4	15.0	22.4#
100	0.0	10.7	16.1#





#61
 1,2,3-Trichloropropane
 Concen: 6.053 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV022397.D
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Tgt Ion: 75	Resp: 12776
Ion Ratio	Lower Upper
75 100	
77 32.3	25.4 38.0
110 3.4	32.6 48.8#

