

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092921\
 Data File : VV022383.D
 Acq On : 29 Sep 2021 17:19
 Operator : SY/MD
 Sample : M3978-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 30 05:29:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 30 05:14:53 2021
 Response via : Initial Calibration

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

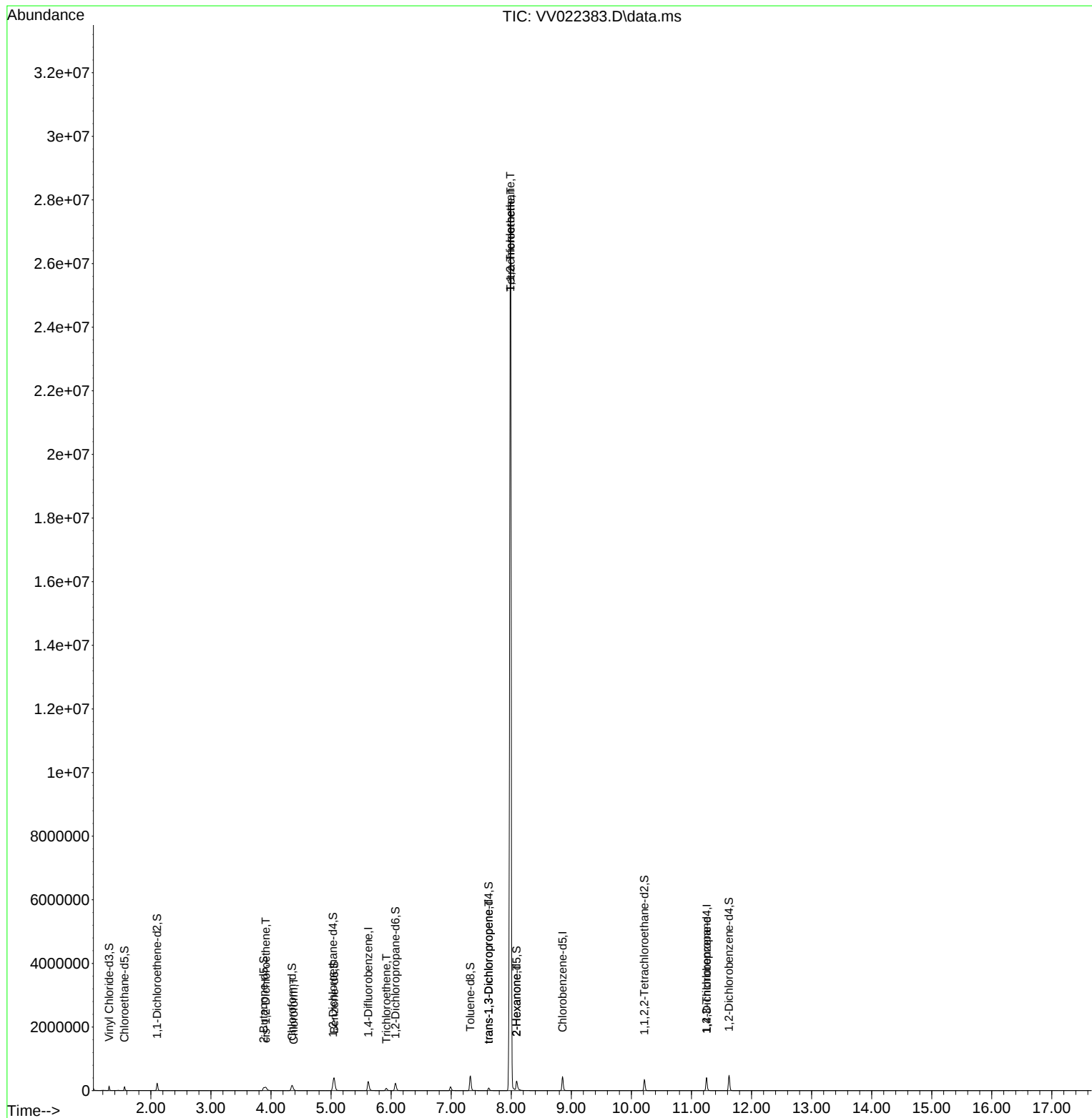
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	254378	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	246935	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	110854	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	80452	37.267	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.540%
7) Chloroethane-d5	1.561	69	72729	42.594	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.180%
11) 1,1-Dichloroethene-d2	2.105	63	117290	31.249	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.500%
21) 2-Butanone-d5	3.880	46	134814	88.487	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.490%
24) Chloroform-d	4.349	84	172139	44.159	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.320%
26) 1,2-Dichloroethane-d4	5.034	65	107383	44.921	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.840%
32) Benzene-d6	5.053	84	351496	45.247	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.500%
36) 1,2-Dichloropropane-d6	6.072	67	115546	46.493	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.980%
41) Toluene-d8	7.320	98	313599	44.105	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	7.625	79	47396	41.764	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.520%
47) 2-Hexanone-d5	8.088	63	91469	90.577	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.580%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	166434	46.134	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.260%
66) 1,2-Dichlorobenzene-d4	11.625	152	127737	51.821	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.640%
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	3.912	96	48574	23.635	ug/L	100
25) Chloroform	4.378	83	3906	1.089	ug/L	77
34) Trichloroethene	5.921	95	25125	12.965	ug/L	95
44) trans-1,3-Dichloropropene	7.625	75	2312	0.851	ug/L	86
45) 1,1,2-Trichloroethane	7.985	97	57217	29.069	ug/L #	1
46) Tetrachloroethene	7.989	164	6451632	4043.181	ug/L	96
48) 2-Hexanone	8.088	43	12093	5.851	ug/L #	75
61) 1,2,3-Trichloropropane	11.249	75	12804	6.191	ug/L #	65

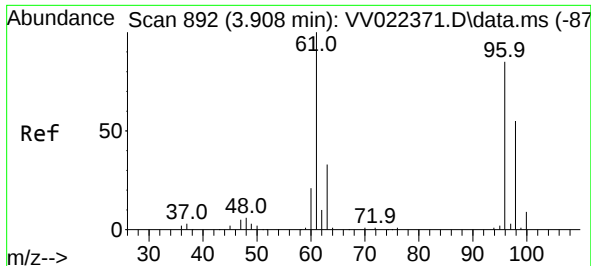
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Sep 30 05:14:53 2021
Response via : Initial Calibration

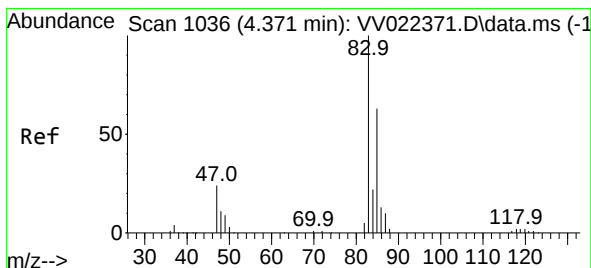
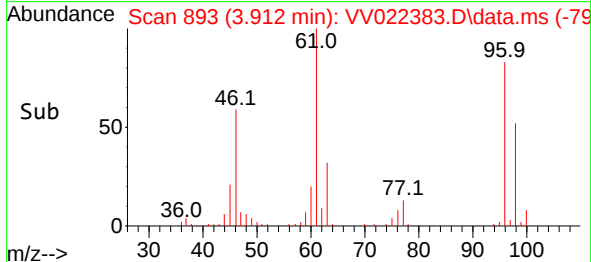
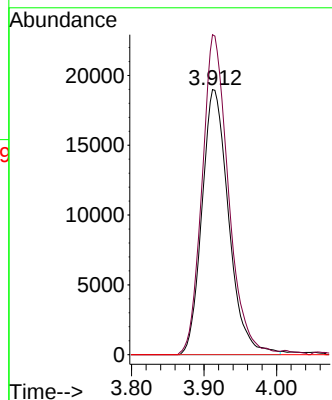
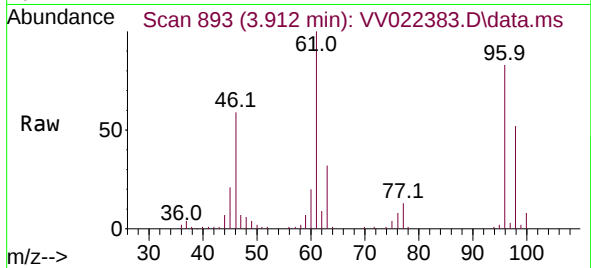




#20
cis-1,2-Dichloroethene
Concen: 23.635 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV022383.D
Acq: 29 Sep 2021 17:19

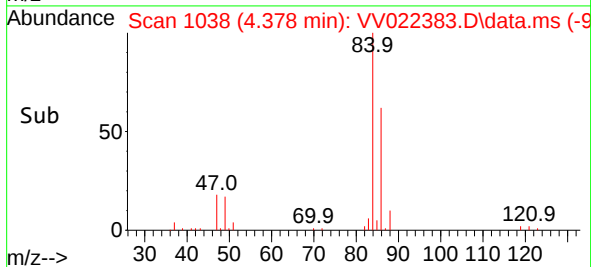
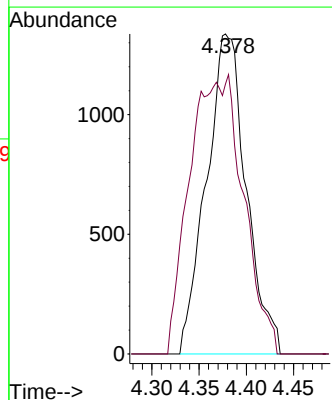
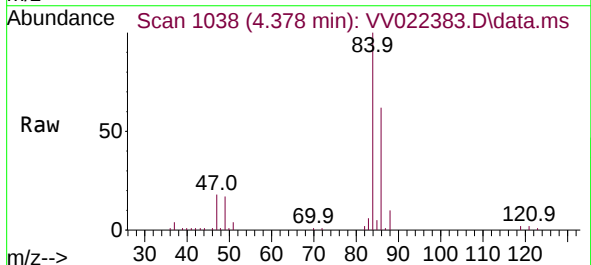
Instrument :
MSVOA_V
ClientSampled :

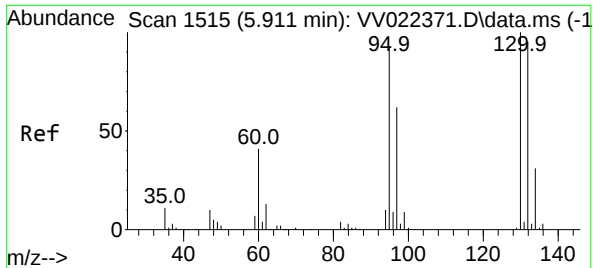
Tgt Ion: 96 Resp: 48574
Ion Ratio Lower Upper
96 100
61 120.7 84.6 157.0
68 0.0 0.0 0.0



#25
Chloroform
Concen: 1.089 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VV022383.D
Acq: 29 Sep 2021 17:19

Tgt Ion: 83 Resp: 3906
Ion Ratio Lower Upper
83 100
85 84.4 46.5 86.3



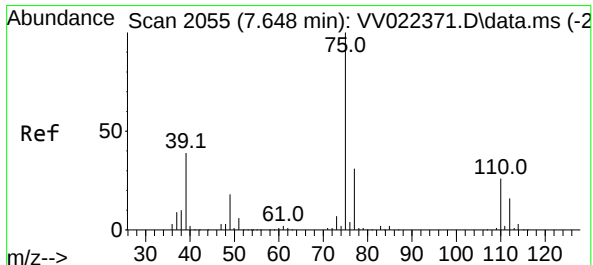
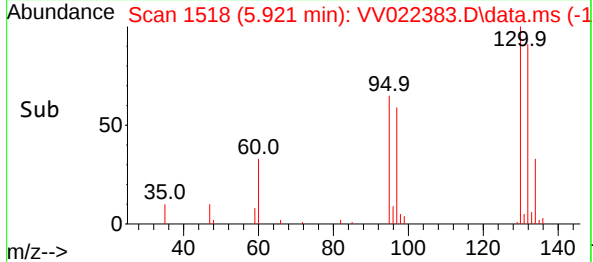
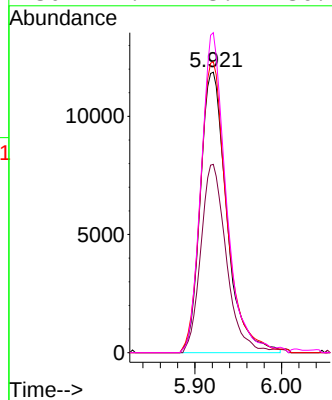
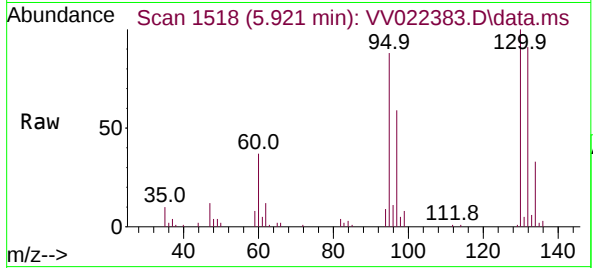


#34
Trichloroethene
Concen: 12.965 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.010 min
Lab File: VV022383.D
Acq: 29 Sep 2021 17:19

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 95 Resp: 25125

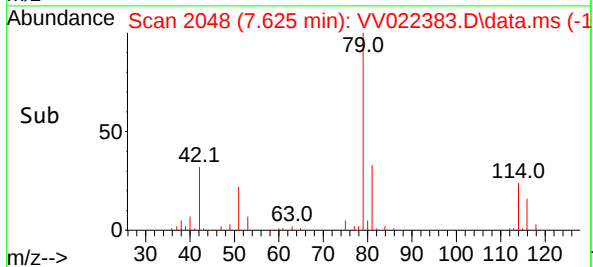
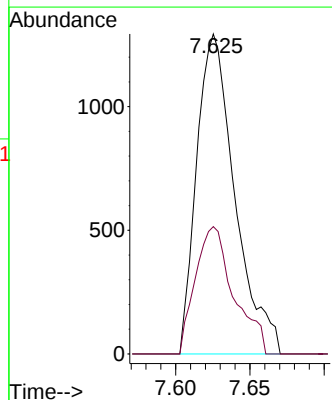
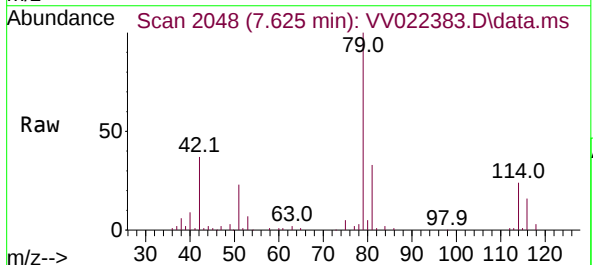
Ion	Ratio	Lower	Upper
95	100		
97	67.1	45.2	84.0
132	103.7	71.0	131.8
130	114.1	73.7	136.9

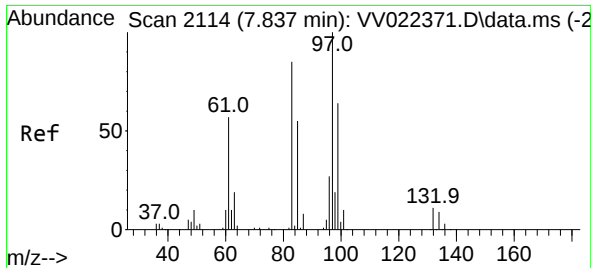


#44
trans-1,3-Dichloropropene
Concen: 0.851 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.022 min
Lab File: VV022383.D
Acq: 29 Sep 2021 17:19

Tgt Ion: 75 Resp: 2312

Ion	Ratio	Lower	Upper
75	100		
77	39.8	22.3	41.3

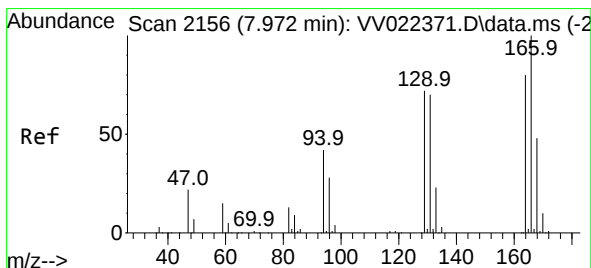
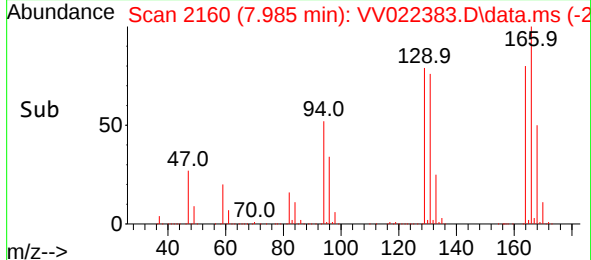
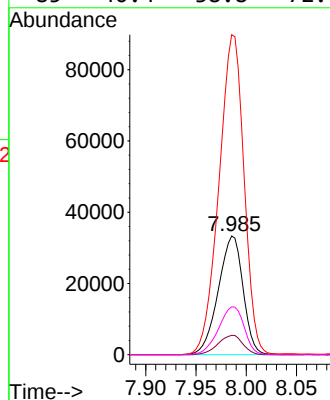
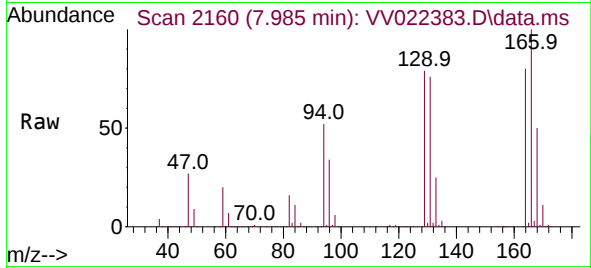




#45
1,1,2-Trichloroethane
Concen: 29.069 ug/L
RT: 7.985 min Scan# 2160
Delta R.T. 0.148 min
Lab File: VV022383.D
Acq: 29 Sep 2021 17:19

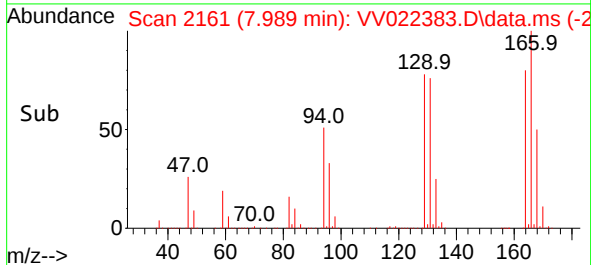
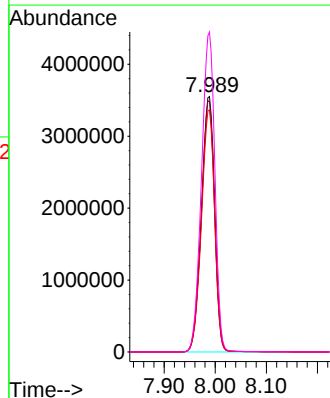
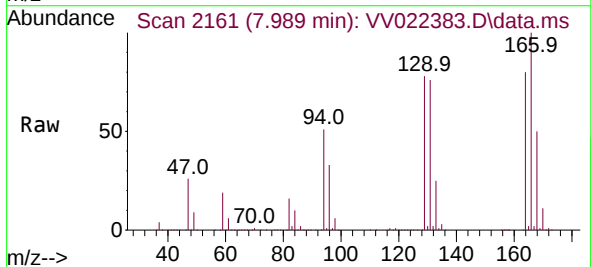
Instrument :
MSVOA_V
ClientSampled :

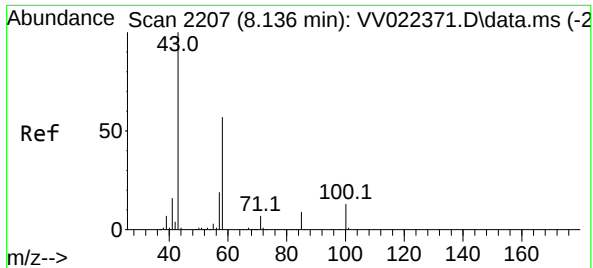
Tgt Ion: 97	Resp: 57217
Ion Ratio	Lower Upper
97 100	
99 16.3	44.6 82.8#
83 269.7	59.8 111.1#
85 40.4	38.8 72.0



#46
Tetrachloroethene
Concen: 4043.181 ug/L
RT: 7.989 min Scan# 2161
Delta R.T. 0.016 min
Lab File: VV022383.D
Acq: 29 Sep 2021 17:19

Tgt Ion: 164	Resp: 6451632
Ion Ratio	Lower Upper
164 100	
129 98.1	66.4 123.4
131 94.9	63.6 118.0
166 125.3	91.6 170.0

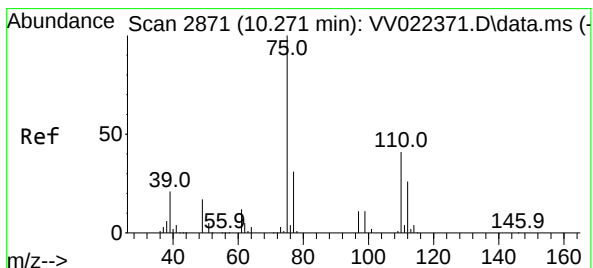
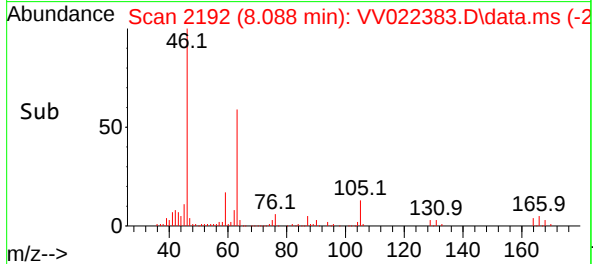
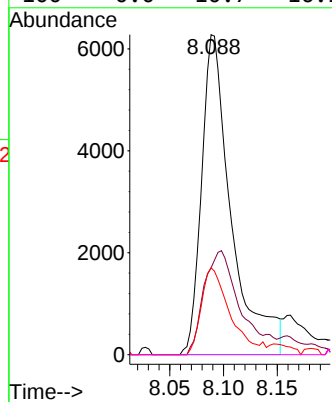
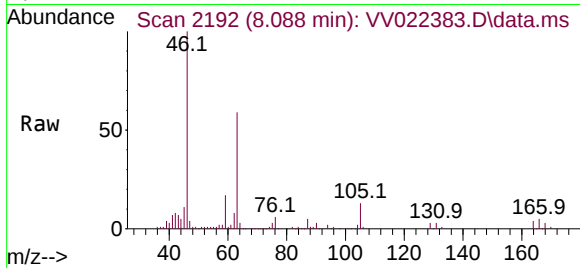




#48
2-Hexanone
Concen: 5.851 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. -0.048 min
Lab File: VV022383.D
Acq: 29 Sep 2021 17:19

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43	Resp: 12093
Ion Ratio	Lower Upper
43 100	
58 37.6	45.4 68.2#
57 25.8	15.0 22.4#
100 0.0	10.7 16.1#



#61
1,2,3-Trichloropropane
Concen: 6.191 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.978 min
Lab File: VV022383.D
Acq: 29 Sep 2021 17:19

Tgt Ion: 75	Resp: 12804
Ion Ratio	Lower Upper
75 100	
77 31.1	25.4 38.0
110 2.8	32.6 48.8#

