

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092921\
 Data File : VV022410.D
 Acq On : 30 Sep 2021 04:33
 Operator : SY/MD
 Sample : M3979-16
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A11

Quant Time: Sep 30 07:10:18 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)

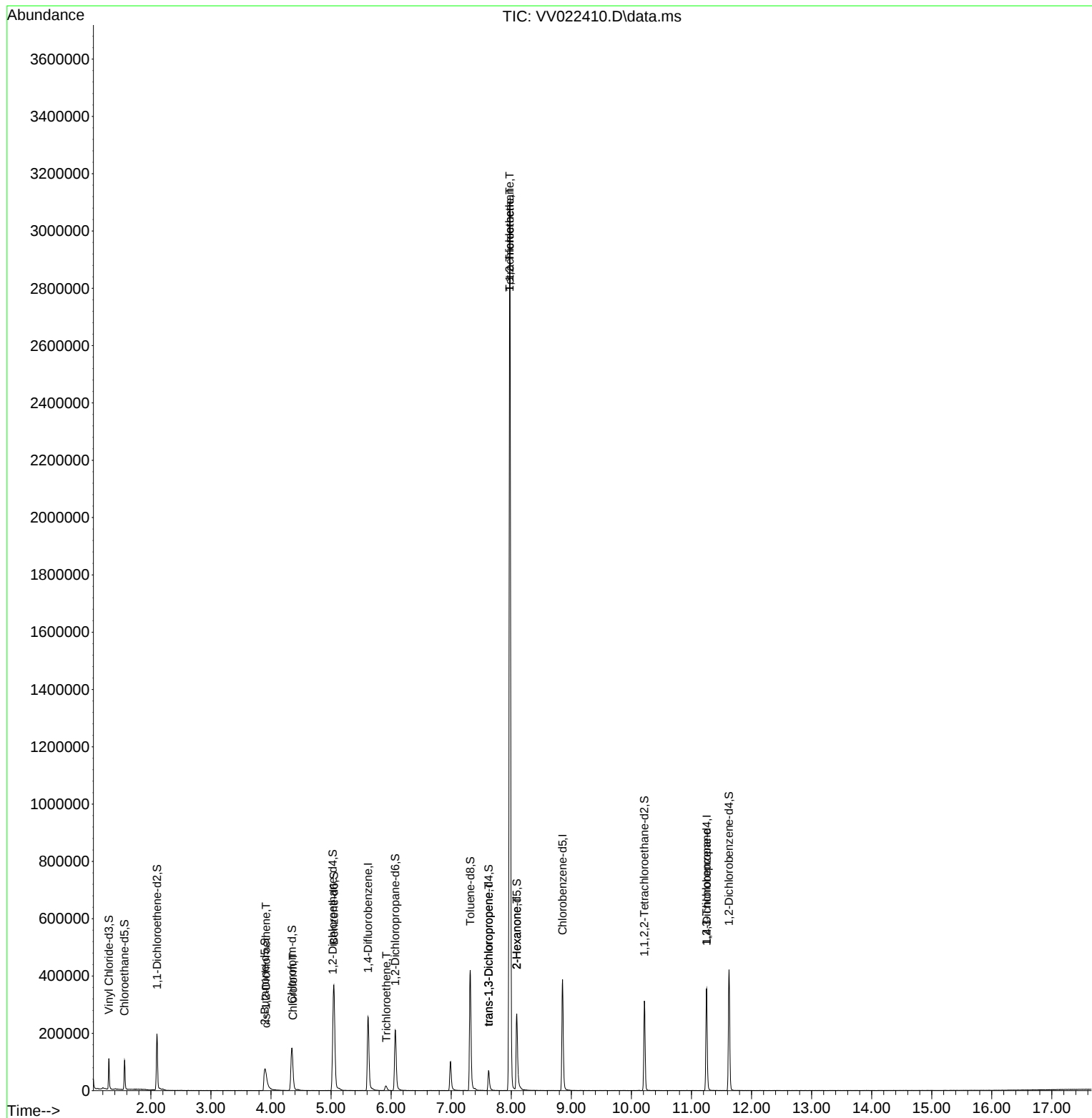
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	233197	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	223591	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	97651	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	67266	33.989	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.980%
7) Chloroethane-d5	1.561	69	62052	39.642	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.280%
11) 1,1-Dichloroethene-d2	2.101	63	101650	29.542	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.080%#
21) 2-Butanone-d5	3.896	46	145993	104.529	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.530%
24) Chloroform-d	4.349	84	156753	43.865	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.720%
26) 1,2-Dichloroethane-d4	5.031	65	98872	45.117	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.240%
32) Benzene-d6	5.050	84	318795	45.322	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.640%
36) 1,2-Dichloropropane-d6	6.069	67	106696	47.414	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.820%
41) Toluene-d8	7.317	98	283362	44.013	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.020%
43) trans-1,3-Dichloroprop...	7.622	79	40586	39.497	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.000%
47) 2-Hexanone-d5	8.092	63	97280	106.389	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.390%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	148028	45.316	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.640%
66) 1,2-Dichlorobenzene-d4	11.625	152	112859	51.975	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.960%
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	3.915	96	5780	3.068	ug/L	89
25) Chloroform	4.365	83	1491	0.453	ug/L #	40
34) Trichloroethene	5.921	95	3600	2.052	ug/L	90
44) trans-1,3-Dichloropropene	7.625	75	1986	0.807	ug/L	88
45) 1,1,2-Trichloroethane	7.976	97	5921	3.322	ug/L #	2
46) Tetrachloroethene	7.976	164	714365	494.427	ug/L	97
48) 2-Hexanone	8.092	43	10893	5.821	ug/L #	62
61) 1,2,3-Trichloropropane	11.249	75	11150	6.120	ug/L #	62

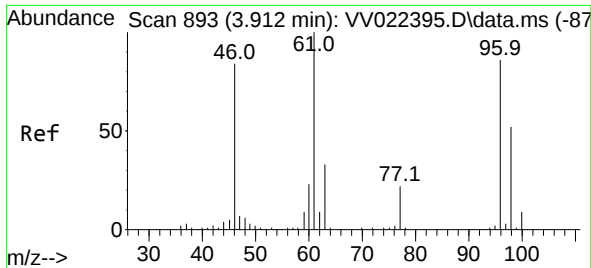
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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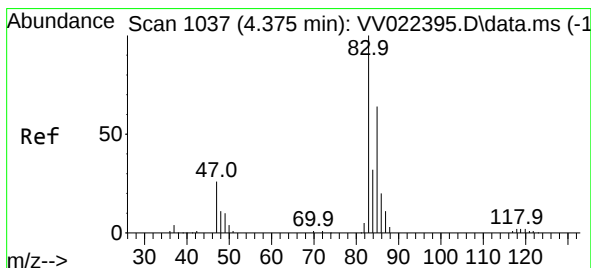
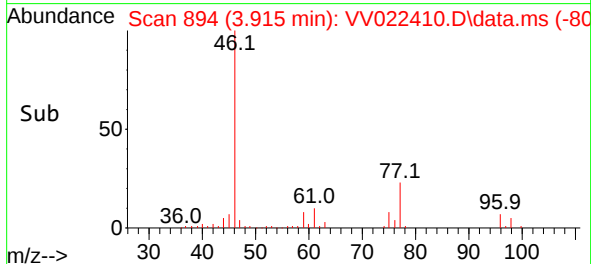
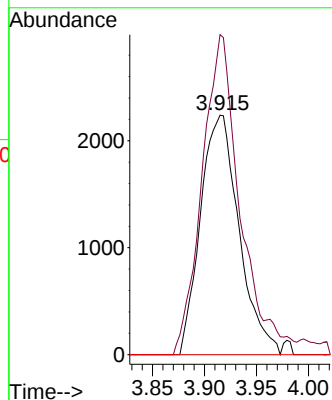
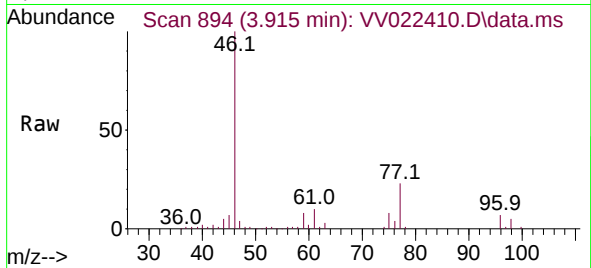




#20
cis-1,2-Dichloroethene
Concen: 3.068 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV022410.D
Acq: 30 Sep 2021 04:33

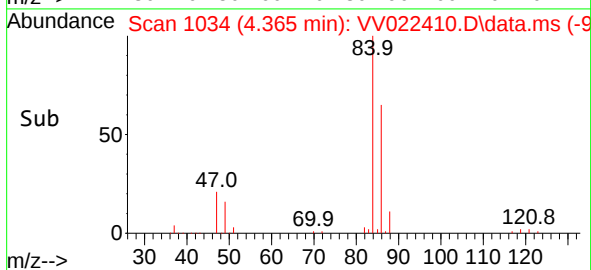
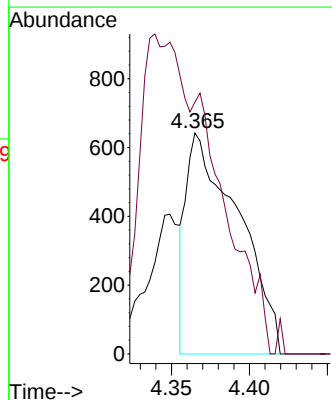
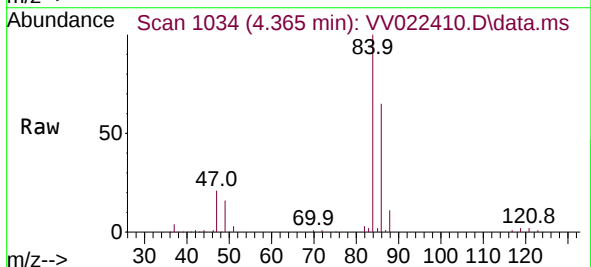
Instrument :
MSVOA_V
ClientSampleId :
F4A11

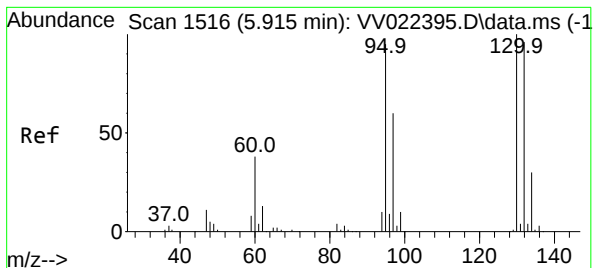
Tgt Ion: 96 Resp: 5780
Ion Ratio Lower Upper
96 100
61 133.6 84.6 157.0
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.453 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. -0.010 min
Lab File: VV022410.D
Acq: 30 Sep 2021 04:33

Tgt Ion: 83 Resp: 1491
Ion Ratio Lower Upper
83 100
85 114.0 46.5 86.3#



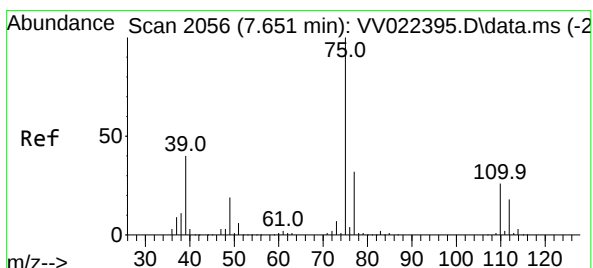
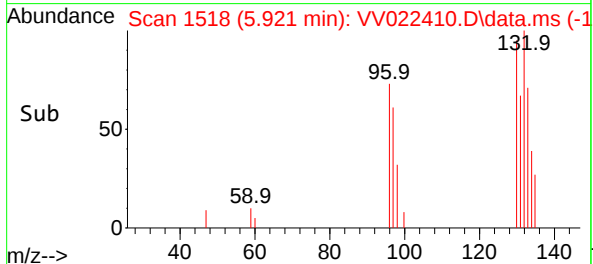
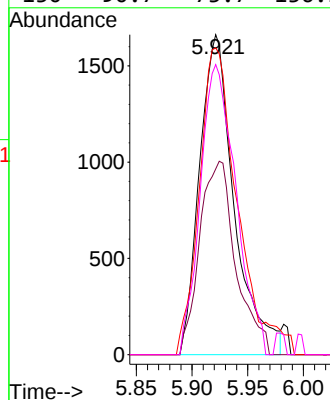
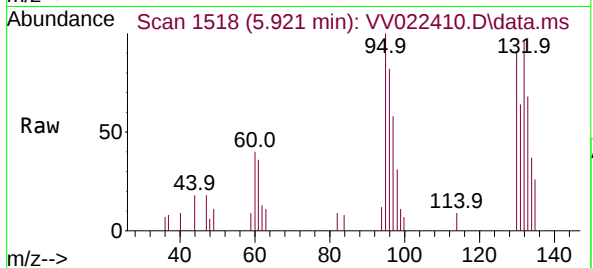


#34
Trichloroethene
Concen: 2.052 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.007 min
Lab File: VV022410.D
Acq: 30 Sep 2021 04:33

Instrument :
MSVOA_V
ClientSampleId :
F4A11

Tgt Ion: 95 Resp: 3600

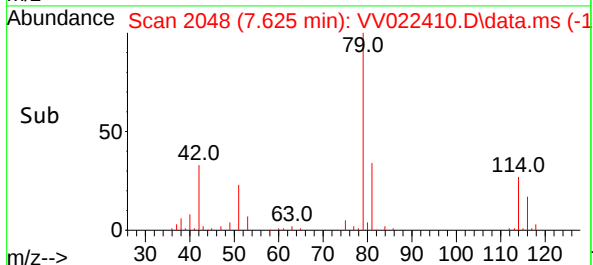
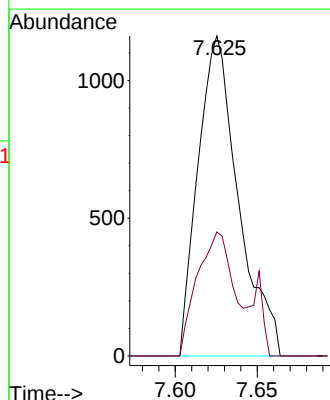
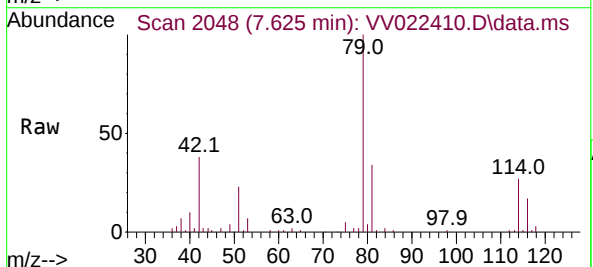
Ion	Ratio	Lower	Upper
95	100		
97	58.1	45.2	84.0
132	95.8	71.0	131.8
130	90.7	73.7	136.9

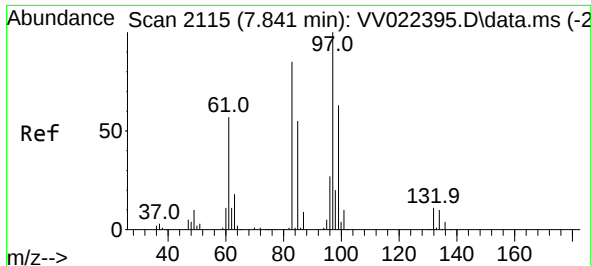


#44
trans-1,3-Dichloropropene
Concen: 0.807 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.026 min
Lab File: VV022410.D
Acq: 30 Sep 2021 04:33

Tgt Ion: 75 Resp: 1986

Ion	Ratio	Lower	Upper
75	100		
77	38.7	22.3	41.3

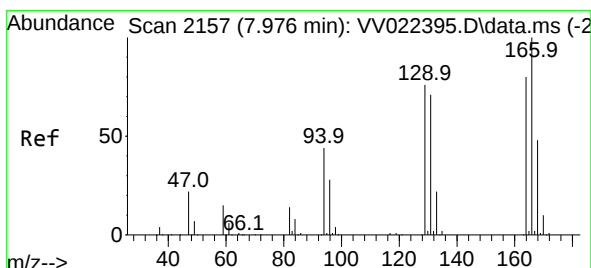
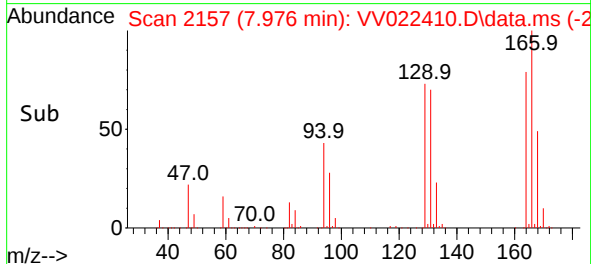
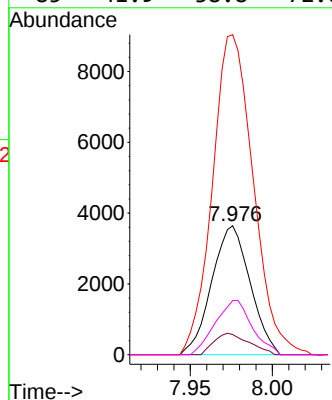
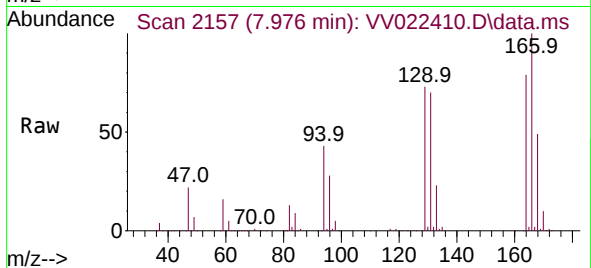




#45
1,1,2-Trichloroethane
Concen: 3.322 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.135 min
Lab File: VV022410.D
Acq: 30 Sep 2021 04:33

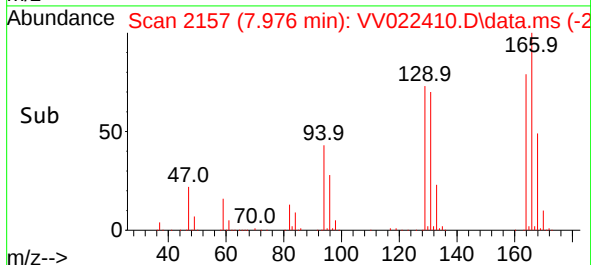
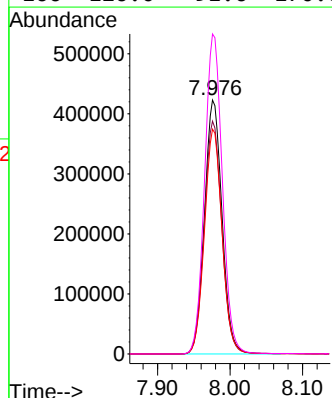
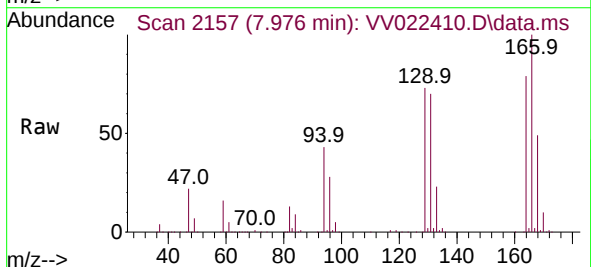
Instrument :
MSVOA_V
ClientSampled :
F4A11

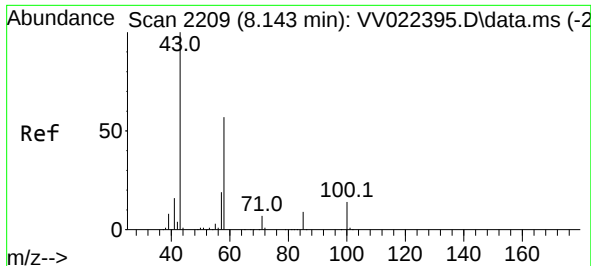
Tgt Ion: 97	Resp: 5921
Ion Ratio	Lower Upper
97 100	
99 15.6	44.6 82.8#
83 248.1	59.8 111.1#
85 41.9	38.8 72.0



#46
Tetrachloroethene
Concen: 494.427 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022410.D
Acq: 30 Sep 2021 04:33

Tgt Ion: 164	Resp: 714365
Ion Ratio	Lower Upper
164 100	
129 91.7	66.4 123.4
131 88.5	63.6 118.0
166 126.0	91.6 170.0

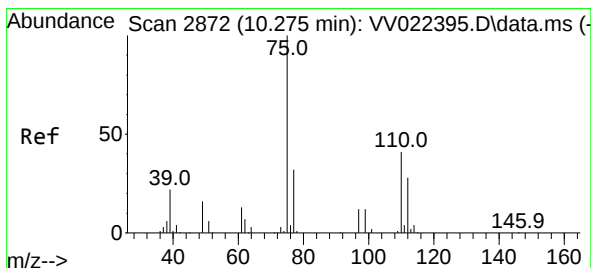
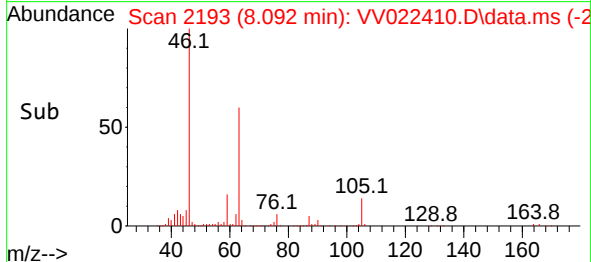
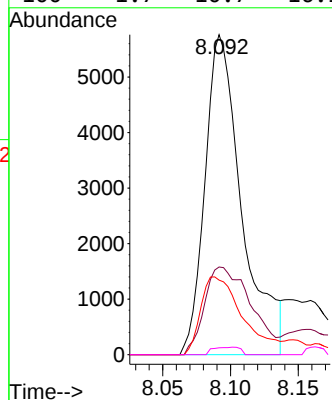
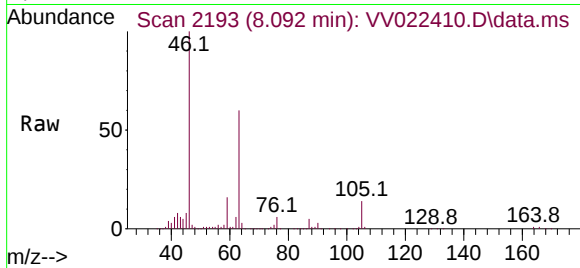




#48
2-Hexanone
Concen: 5.821 ug/L
RT: 8.092 min Scan# 2193
Delta R.T. -0.051 min
Lab File: VV022410.D
Acq: 30 Sep 2021 04:33

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MSVOA_V
ClientSampleId :
F4A11

Tgt Ion: 43	Resp: 10893
Ion Ratio	Lower Upper
43 100	
58 22.5	45.4 68.2#
57 27.8	15.0 22.4#
100 1.7	10.7 16.1#



#61
1,2,3-Trichloropropane
Concen: 6.120 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022410.D
Acq: 30 Sep 2021 04:33

Tgt Ion: 75	Resp: 11150
Ion Ratio	Lower Upper
75 100	
77 34.4	25.4 38.0
110 1.2	32.6 48.8#

