

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
 Data File : VV022430.D
 Acq On : 30 Sep 2021 14:30
 Operator : SY/MD
 Sample : M3978-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A34

Quant Time: Oct 01 02:41:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 01 02:38:11 2021
 Response via : Initial Calibration

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

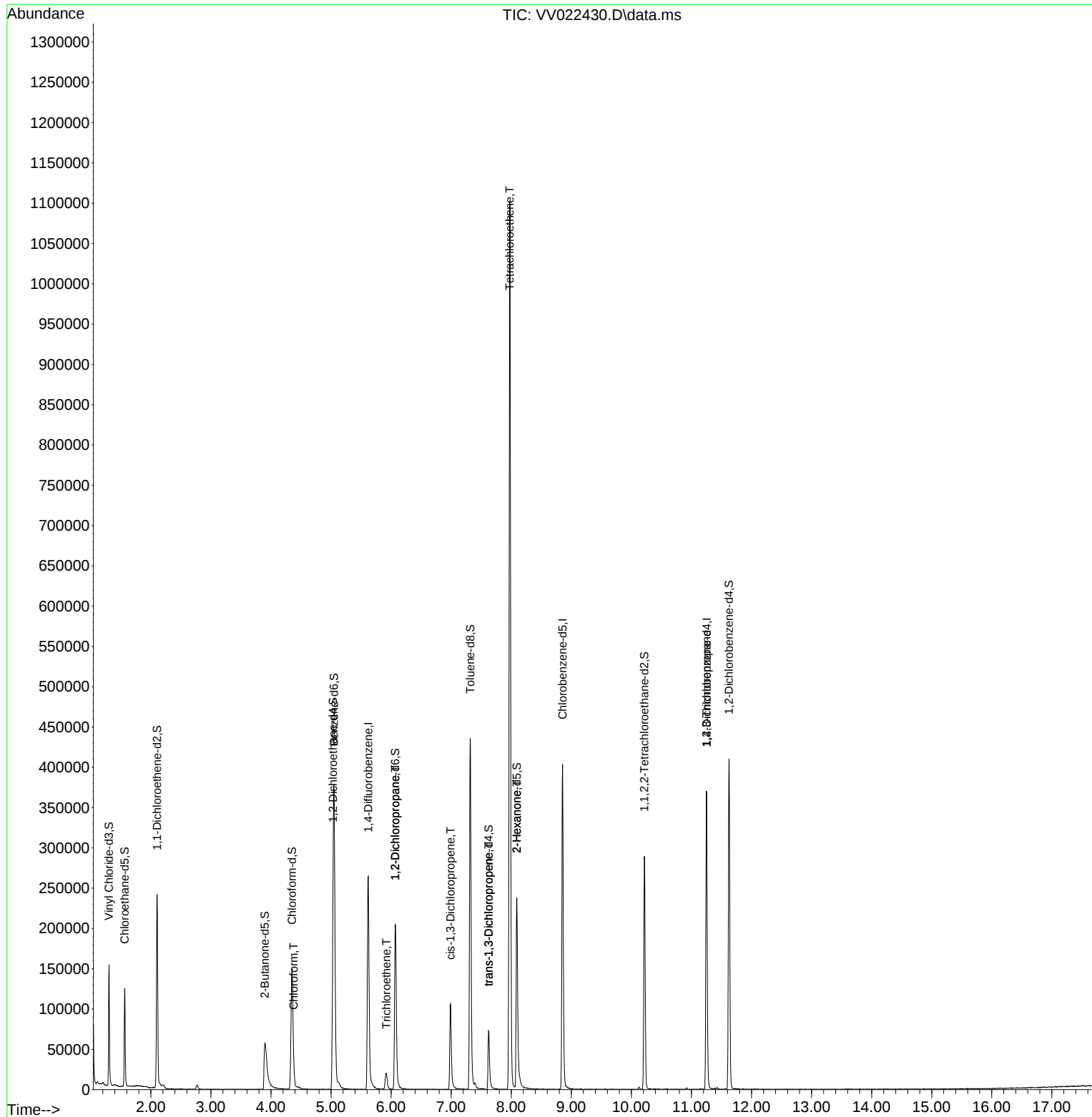
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	241020	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	229986	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	100816	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	93324	45.626	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.260%
7) Chloroethane-d5	1.564	69	73399	45.369	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.740%
11) 1,1-Dichloroethene-d2	2.105	63	123436	34.709	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.420%
21) 2-Butanone-d5	3.899	46	129922	90.003	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.000%
24) Chloroform-d	4.349	84	155362	42.064	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.120%
26) 1,2-Dichloroethane-d4	5.034	65	96572	42.637	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.280%
32) Benzene-d6	5.050	84	326791	45.167	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.340%
36) 1,2-Dichloropropane-d6	6.069	67	105048	45.384	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.760%
41) Toluene-d8	7.317	98	295133	44.567	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.140%
43) trans-1,3-Dichloroprop...	7.622	79	42801	40.495	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.980%
47) 2-Hexanone-d5	8.092	63	86478	91.946	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.950%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	139279	41.452	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.900%
66) 1,2-Dichlorobenzene-d4	11.625	152	112856	50.342	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.680%
Target Compounds						Qvalue
25) Chloroform	4.378	83	5541	1.630	ug/L	93
34) Trichloroethene	5.921	95	5774	3.199	ug/L	93
37) 1,2-Dichloropropane	6.069	63	11054	6.137	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	2494	0.941	ug/L #	58
44) trans-1,3-Dichloropropene	7.622	75	1699	0.671	ug/L	95
46) Tetrachloroethene	7.976	164	252895	170.167	ug/L	96
48) 2-Hexanone	8.092	43	9806	5.094	ug/L #	66
61) 1,2,3-Trichloropropane	11.249	75	11706	6.224	ug/L #	64

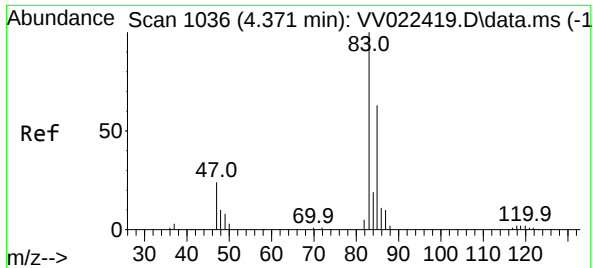
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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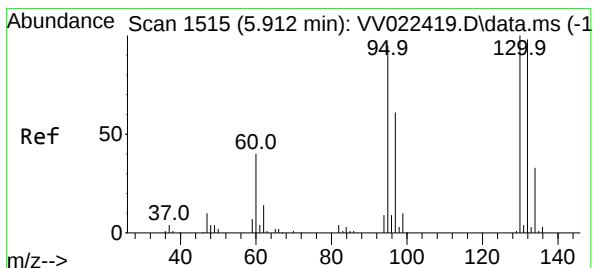
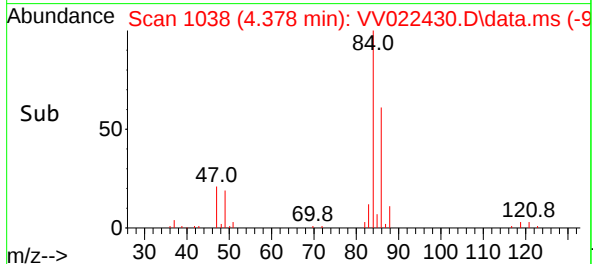
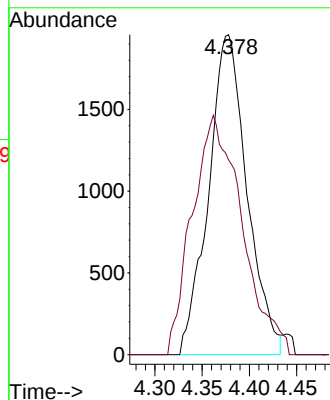
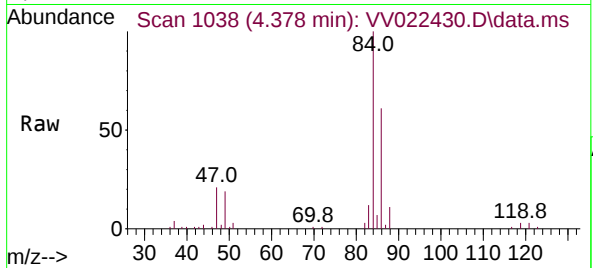


#25

Chloroform
Concen: 1.630 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV022430.D
Acq: 30 Sep 2021 14:30

Instrument :
MSVOA_V
ClientSampled :
F4A34

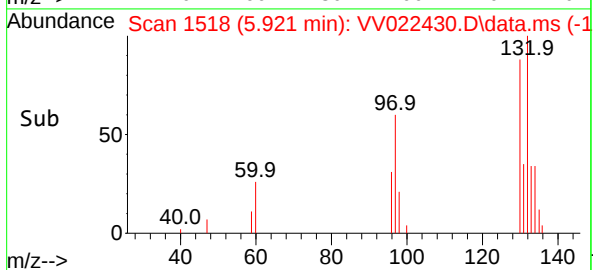
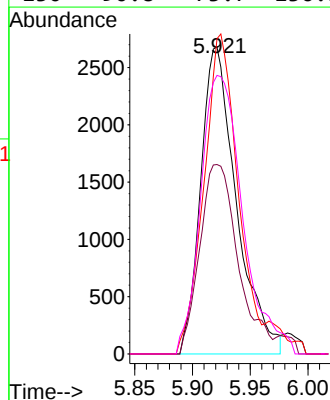
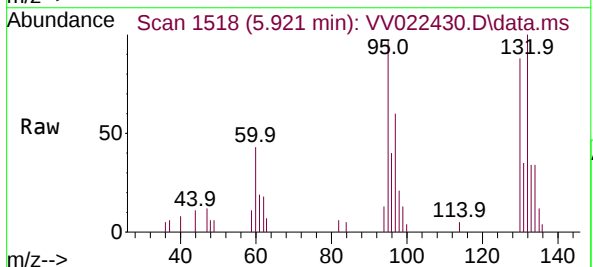
Tgt Ion: 83 Resp: 5541
Ion Ratio Lower Upper
83 100
85 60.9 46.5 86.3

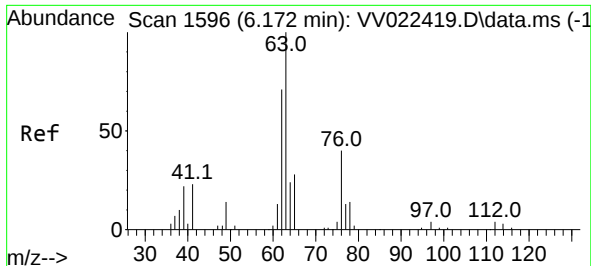


#34

Trichloroethene
Concen: 3.199 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.010 min
Lab File: VV022430.D
Acq: 30 Sep 2021 14:30

Tgt Ion: 95 Resp: 5774
Ion Ratio Lower Upper
95 100
97 61.8 45.2 84.0
132 102.8 71.0 131.8
130 90.8 73.7 136.9

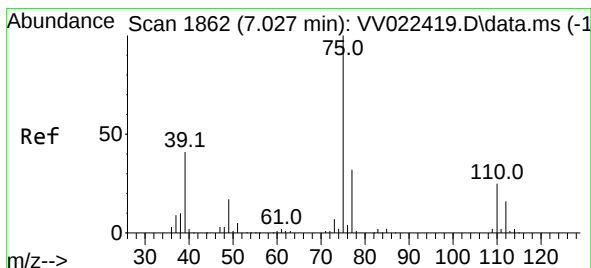
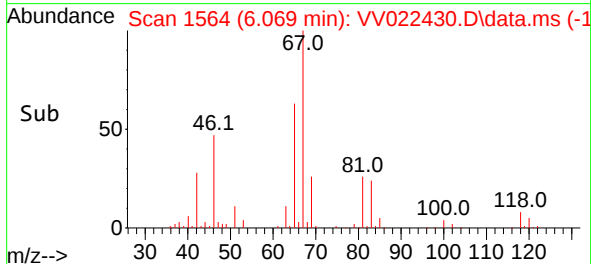
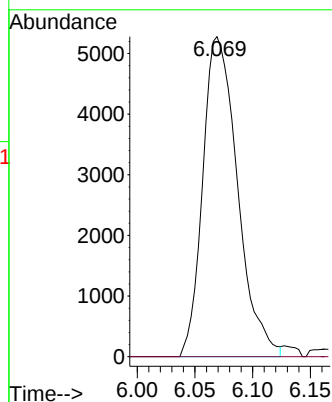
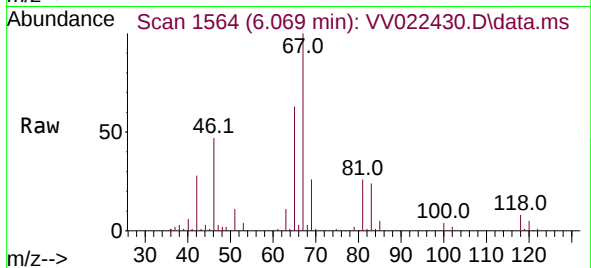




#37
1,2-Dichloropropane
Concen: 6.137 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.103 min
Lab File: VV022430.D
Acq: 30 Sep 2021 14:30

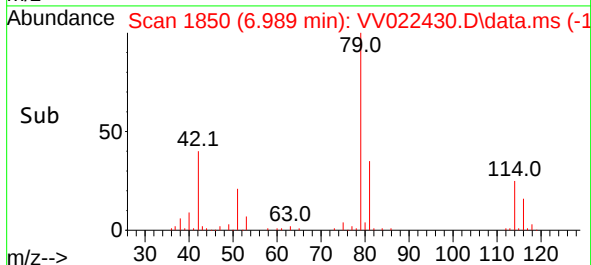
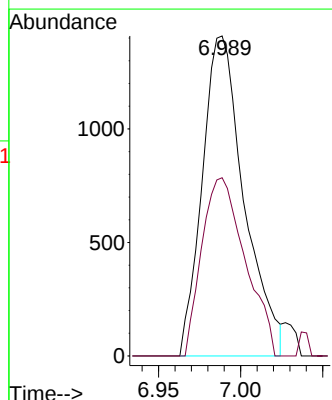
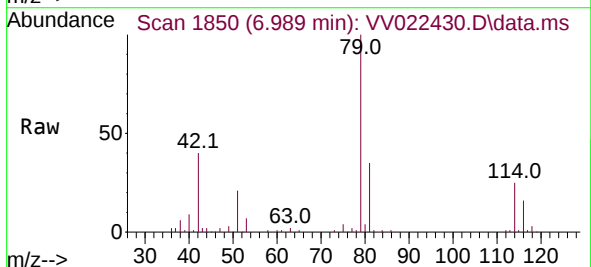
Instrument :
MSVOA_V
ClientSampled :
F4A34

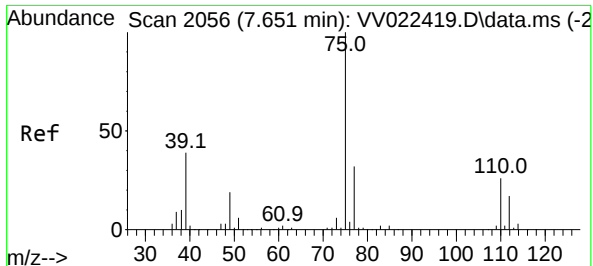
Tgt Ion: 63 Resp: 11054
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



#39
cis-1,3-Dichloropropene
Concen: 0.941 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.039 min
Lab File: VV022430.D
Acq: 30 Sep 2021 14:30

Tgt Ion: 75 Resp: 2494
Ion Ratio Lower Upper
75 100
77 55.7 22.7 42.1#

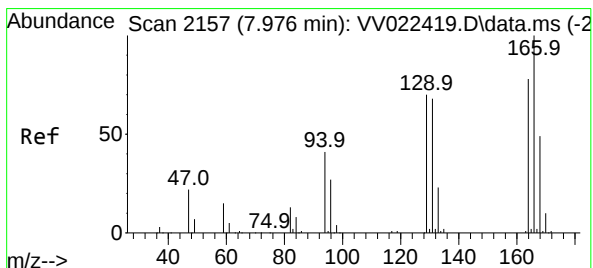
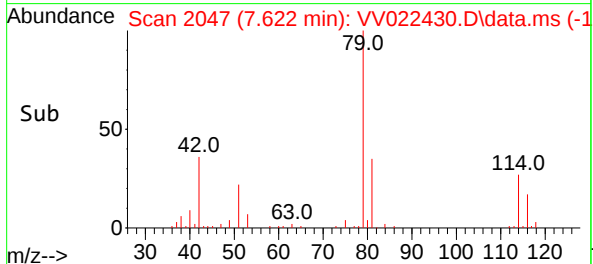
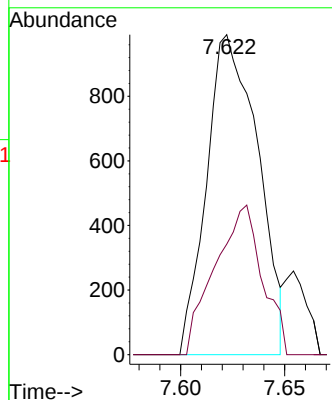
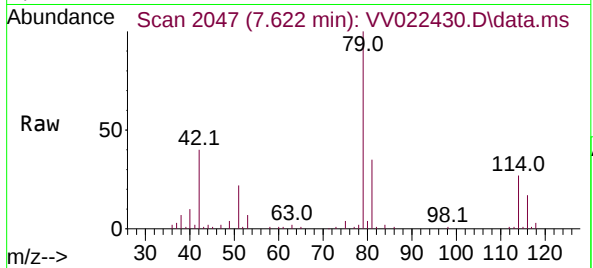




#44
trans-1,3-Dichloropropene
Concen: 0.671 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.029 min
Lab File: VV022430.D
Acq: 30 Sep 2021 14:30

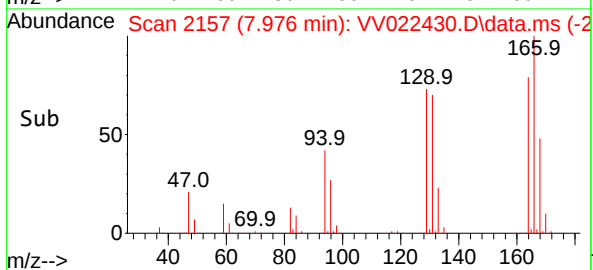
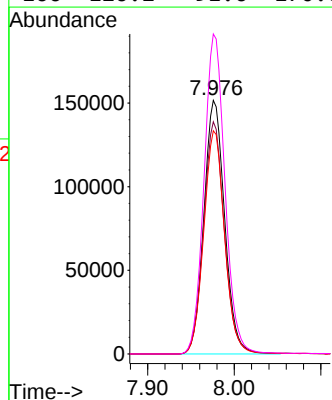
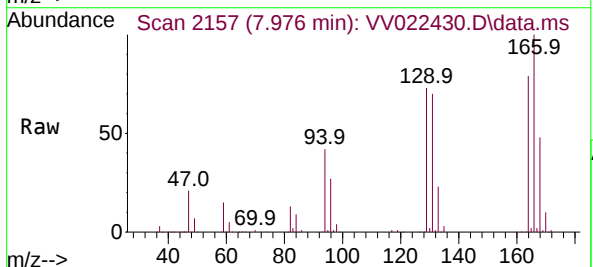
Instrument :
MSVOA_V
ClientSampled :
F4A34

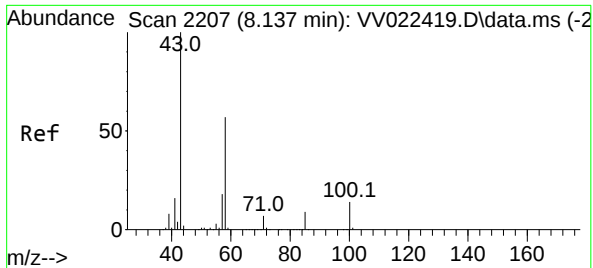
Tgt Ion: 75 Resp: 1699
Ion Ratio Lower Upper
75 100
77 34.5 22.3 41.3



#46
Tetrachloroethene
Concen: 170.167 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022430.D
Acq: 30 Sep 2021 14:30

Tgt Ion:164 Resp: 252895
Ion Ratio Lower Upper
164 100
129 91.6 66.4 123.4
131 88.0 63.6 118.0
166 126.2 91.6 170.0





#48

2-Hexanone

Concen: 5.094 ug/L

RT: 8.092 min Scan# 2193

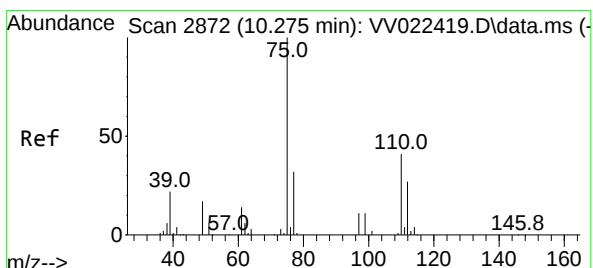
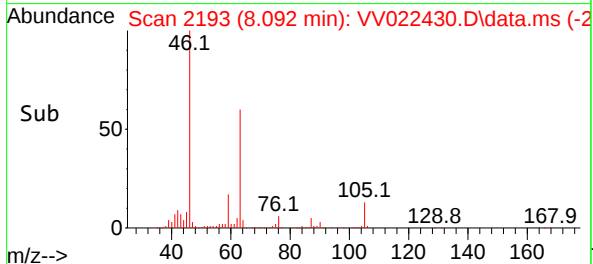
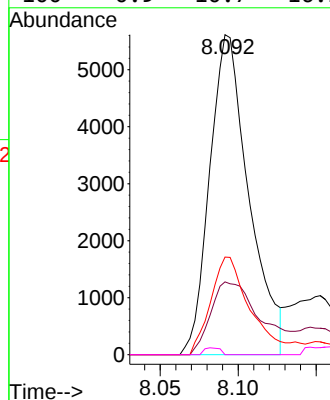
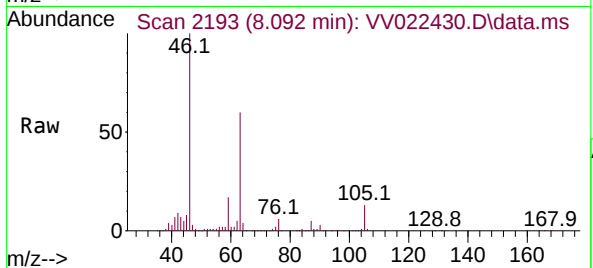
Delta R.T. -0.045 min

Lab File: VV022430.D

Acq: 30 Sep 2021 14:30

Tgt Ion: 43	Resp: 9806
Ion Ratio	Lower Upper
43 100	
58 29.1	45.4 68.2#
57 30.8	15.0 22.4#
100 0.9	10.7 16.1#

Instrument :
MSVOA_V
ClientSampled :
F4A34



#61

1,2,3-Trichloropropane

Concen: 6.224 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV022430.D

Acq: 30 Sep 2021 14:30

Tgt Ion: 75	Resp: 11706
Ion Ratio	Lower Upper
75 100	
77 33.0	25.4 38.0
110 2.5	32.6 48.8#

