

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
 Data File : VV022433.D
 Acq On : 30 Sep 2021 15:42
 Operator : SY/MD
 Sample : M3978-14
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A46

Quant Time: Oct 01 02:42:27 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)

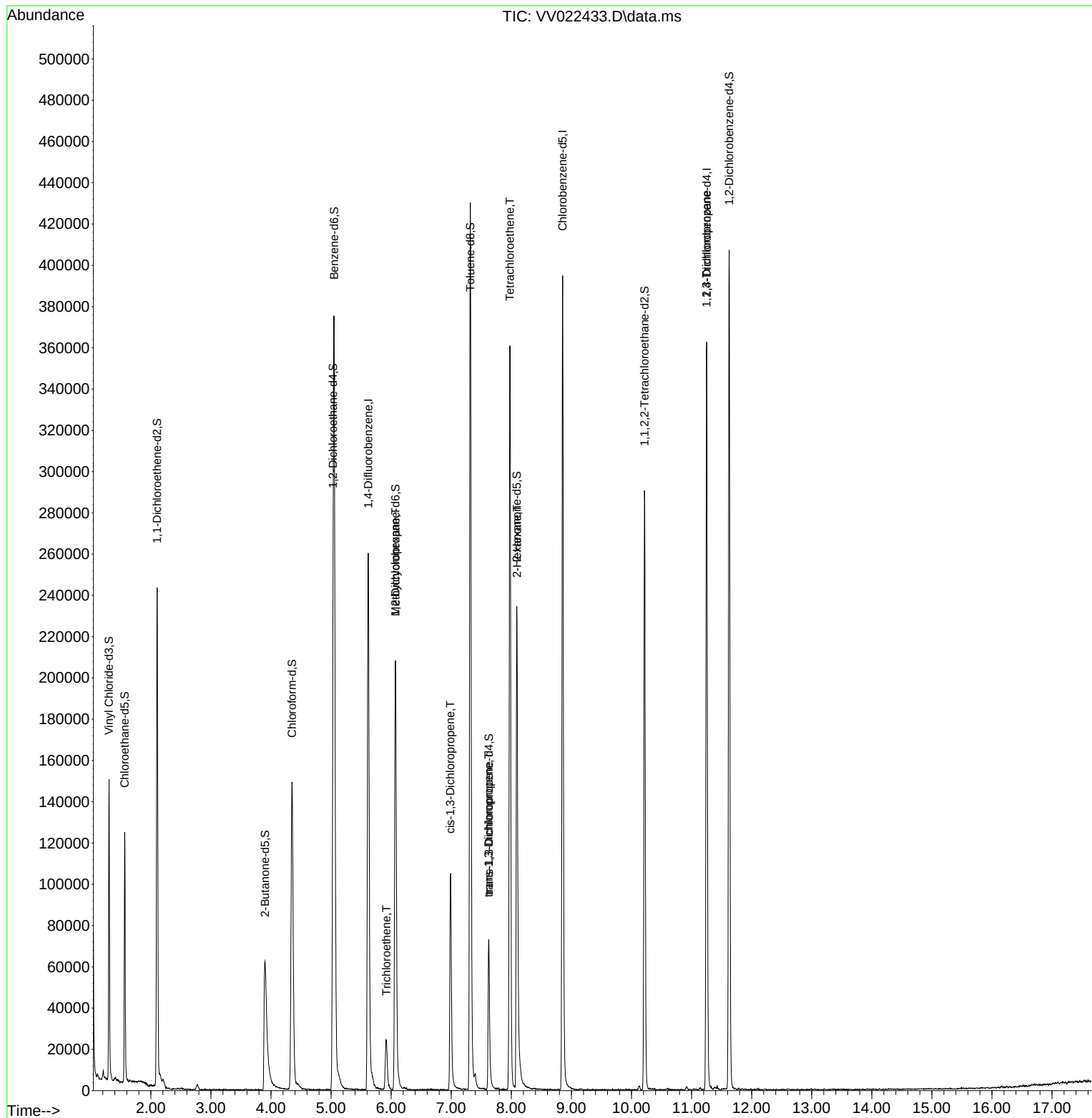
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	240096	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	225625	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	99993	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	93476	45.876	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.760%		
7) Chloroethane-d5	1.564	69	73582	45.657	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.320%		
11) 1,1-Dichloroethene-d2	2.105	63	124499	35.143	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.280%		
21) 2-Butanone-d5	3.899	46	128068	89.060	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.060%		
24) Chloroform-d	4.349	84	157493	42.805	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.620%		
26) 1,2-Dichloroethane-d4	5.034	65	96019	42.556	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.120%		
32) Benzene-d6	5.050	84	333209	46.944	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.880%		
36) 1,2-Dichloropropane-d6	6.072	67	106098	46.723	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.440%		
41) Toluene-d8	7.317	98	296642	45.660	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.320%		
43) trans-1,3-Dichloroprop...	7.625	79	43752	42.195	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.380%		
47) 2-Hexanone-d5	8.092	63	84219	91.275	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.270%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	139793	42.409	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.820%		
66) 1,2-Dichlorobenzene-d4	11.625	152	110551	49.720	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.440%		
Target Compounds						Qvalue
34) Trichloroethene	5.918	95	7199	4.066	ug/L	97
35) Methylcyclohexane	6.072	83	25001	9.165	ug/L #	20
39) cis-1,3-Dichloropropene	6.985	75	2795	1.075	ug/L #	70
44) trans-1,3-Dichloropropene	7.622	75	1904	0.767	ug/L	92
46) Tetrachloroethene	7.976	164	84419	57.901	ug/L	97
48) 2-Hexanone	8.095	43	9182	4.862	ug/L #	68
61) 1,2,3-Trichloropropane	11.249	75	11374	6.097	ug/L #	63

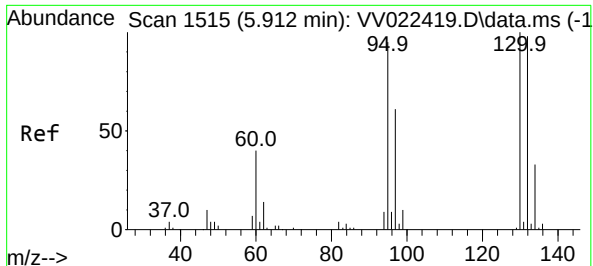
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Oct 01 02:38:11 2021
Response via : Initial Calibration

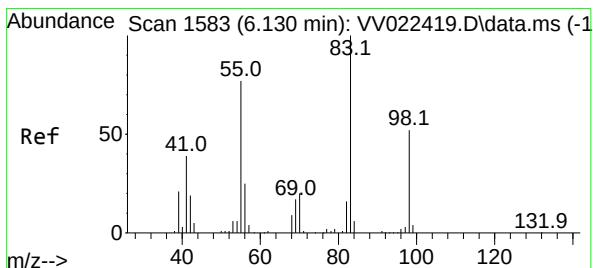
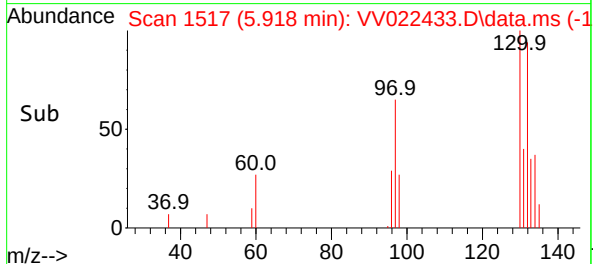
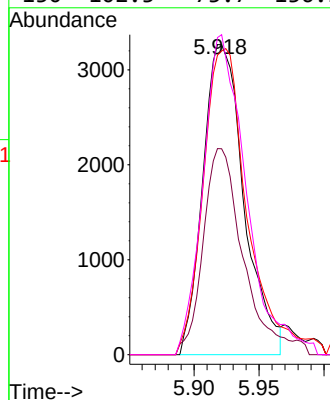
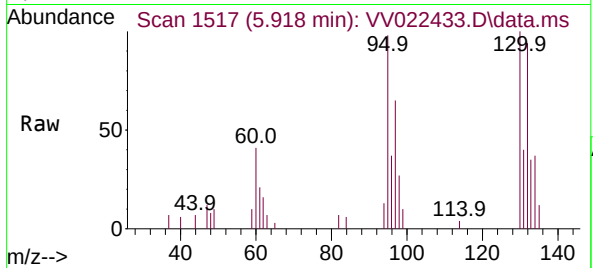




#34
Trichloroethene
Concen: 4.066 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV022433.D
Acq: 30 Sep 2021 15:42

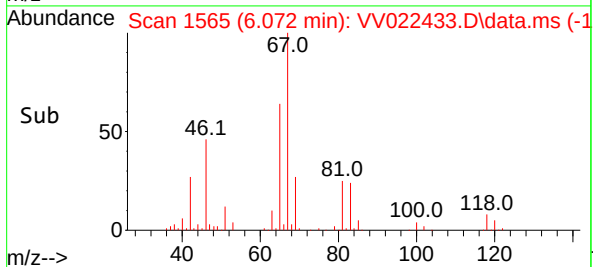
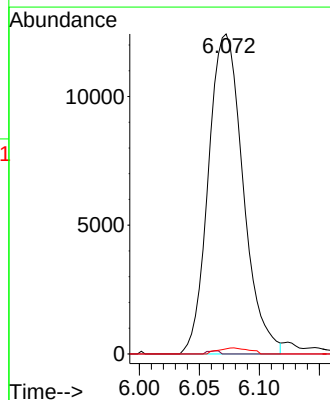
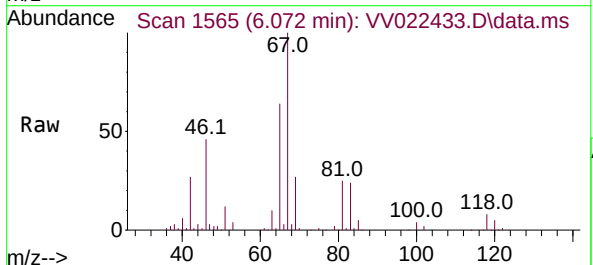
Instrument :
MSVOA_V
ClientSampled :
F4A46

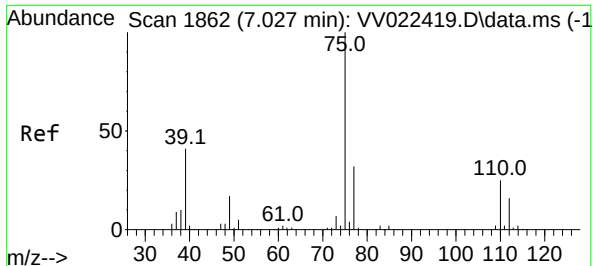
Tgt Ion:	95	Resp:	7199
Ion	Ratio	Lower	Upper
95	100		
97	66.5	45.2	84.0
132	96.6	71.0	131.8
130	102.3	73.7	136.9



#35
Methylcyclohexane
Concen: 9.165 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV022433.D
Acq: 30 Sep 2021 15:42

Tgt Ion:	83	Resp:	25001
Ion	Ratio	Lower	Upper
83	100		
55	0.3	58.6	87.8#
98	1.6	39.2	58.8#



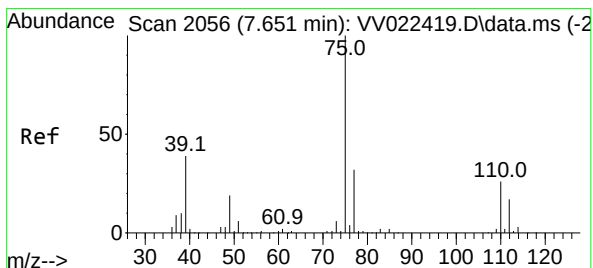
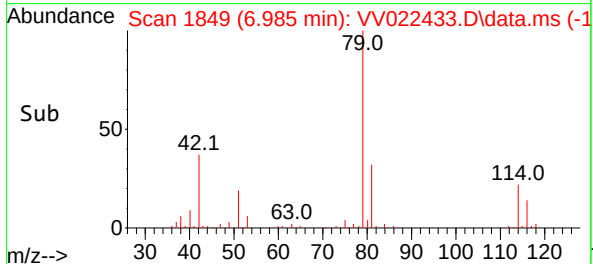
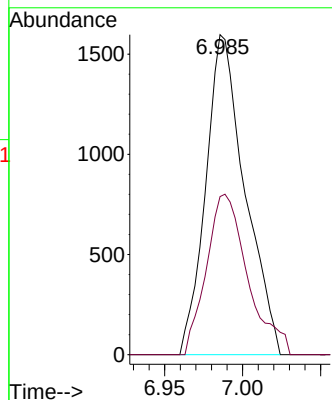
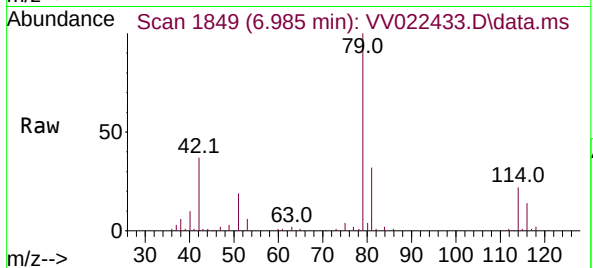


#39

cis-1,3-Dichloropropene
Concen: 1.075 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.042 min
Lab File: VV022433.D
Acq: 30 Sep 2021 15:42

Instrument :
MSVOA_V
ClientSampled :
F4A46

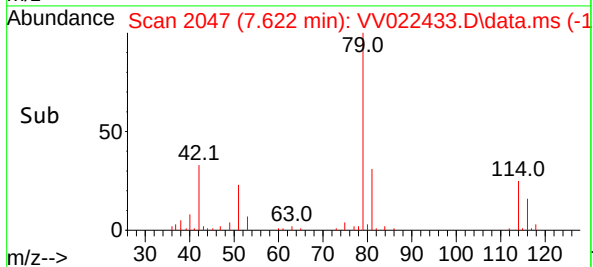
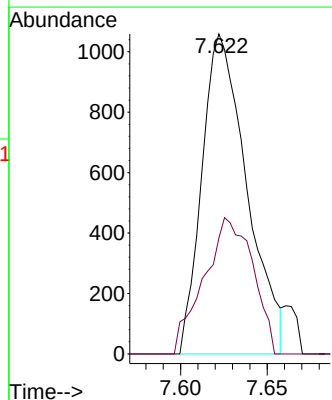
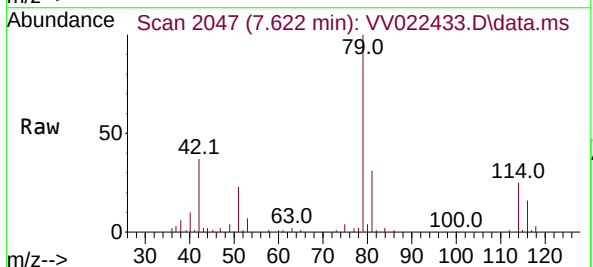
Tgt Ion: 75 Resp: 2795
Ion Ratio Lower Upper
75 100
77 49.4 22.7 42.1#

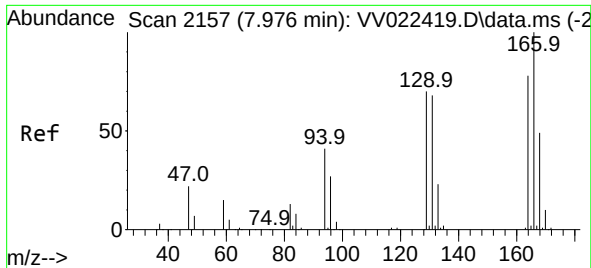


#44

trans-1,3-Dichloropropene
Concen: 0.767 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.029 min
Lab File: VV022433.D
Acq: 30 Sep 2021 15:42

Tgt Ion: 75 Resp: 1904
Ion Ratio Lower Upper
75 100
77 36.3 22.3 41.3



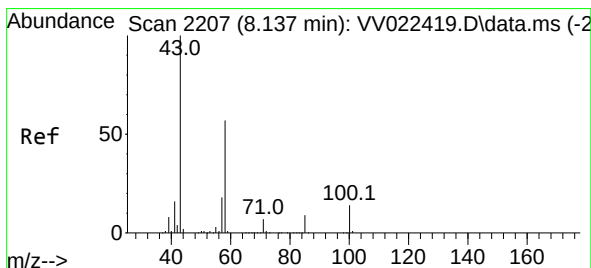
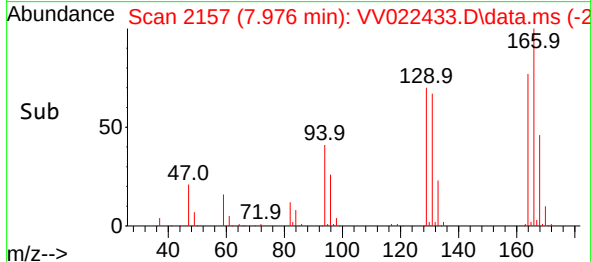
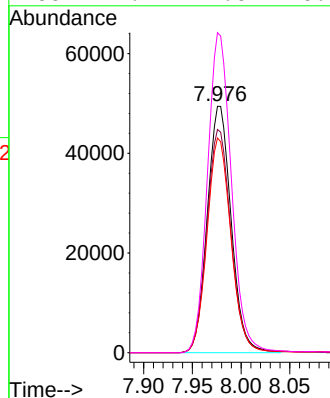
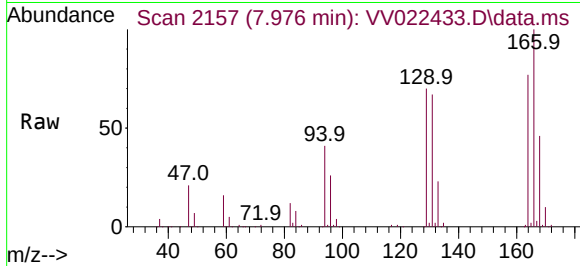


#46
Tetrachloroethene
Concen: 57.901 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022433.D
Acq: 30 Sep 2021 15:42

Instrument :
MSVOA_V
ClientSampled :
F4A46

Tgt Ion:164 Resp: 84419

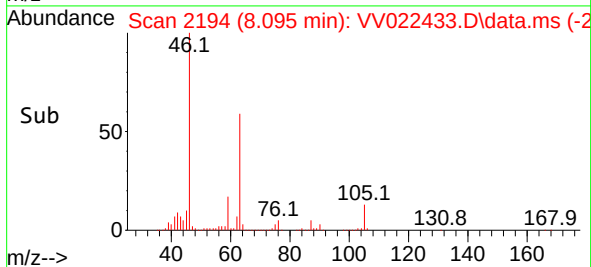
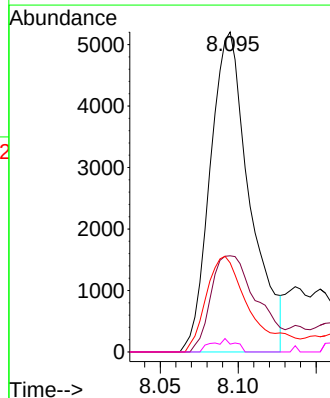
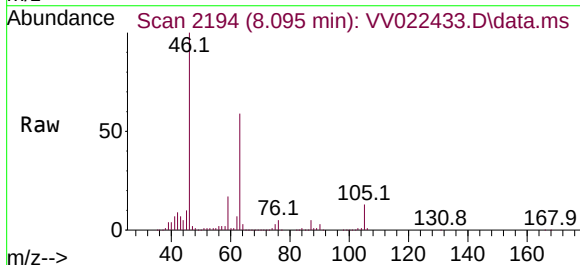
Ion	Ratio	Lower	Upper
164	100		
129	90.6	66.4	123.4
131	87.1	63.6	118.0
166	129.9	91.6	170.0

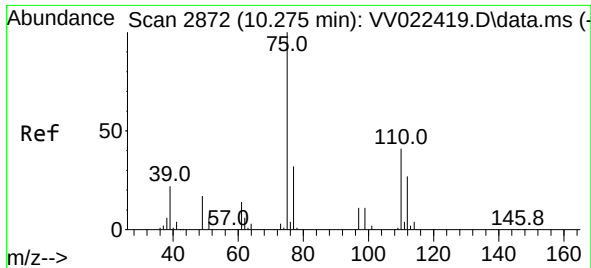


#48
2-Hexanone
Concen: 4.862 ug/L
RT: 8.095 min Scan# 2194
Delta R.T. -0.042 min
Lab File: VV022433.D
Acq: 30 Sep 2021 15:42

Tgt Ion: 43 Resp: 9182

Ion	Ratio	Lower	Upper
43	100		
58	35.7	45.4	68.2#
57	0.0	15.0	22.4#
100	0.6	10.7	16.1#





#61
 1,2,3-Trichloropropane
 Concen: 6.097 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV022433.D
 Acq: 30 Sep 2021 15:42

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A46

Tgt Ion: 75 Resp: 11374
 Ion Ratio Lower Upper
 75 100
 77 33.7 25.4 38.0
 110 1.3 32.6 48.8#

