

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092921\
 Data File : VV022413.D
 Acq On : 30 Sep 2021 05:45
 Operator : SY/MD
 Sample : M3978-15
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A49

Quant Time: Sep 30 07:10:56 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)

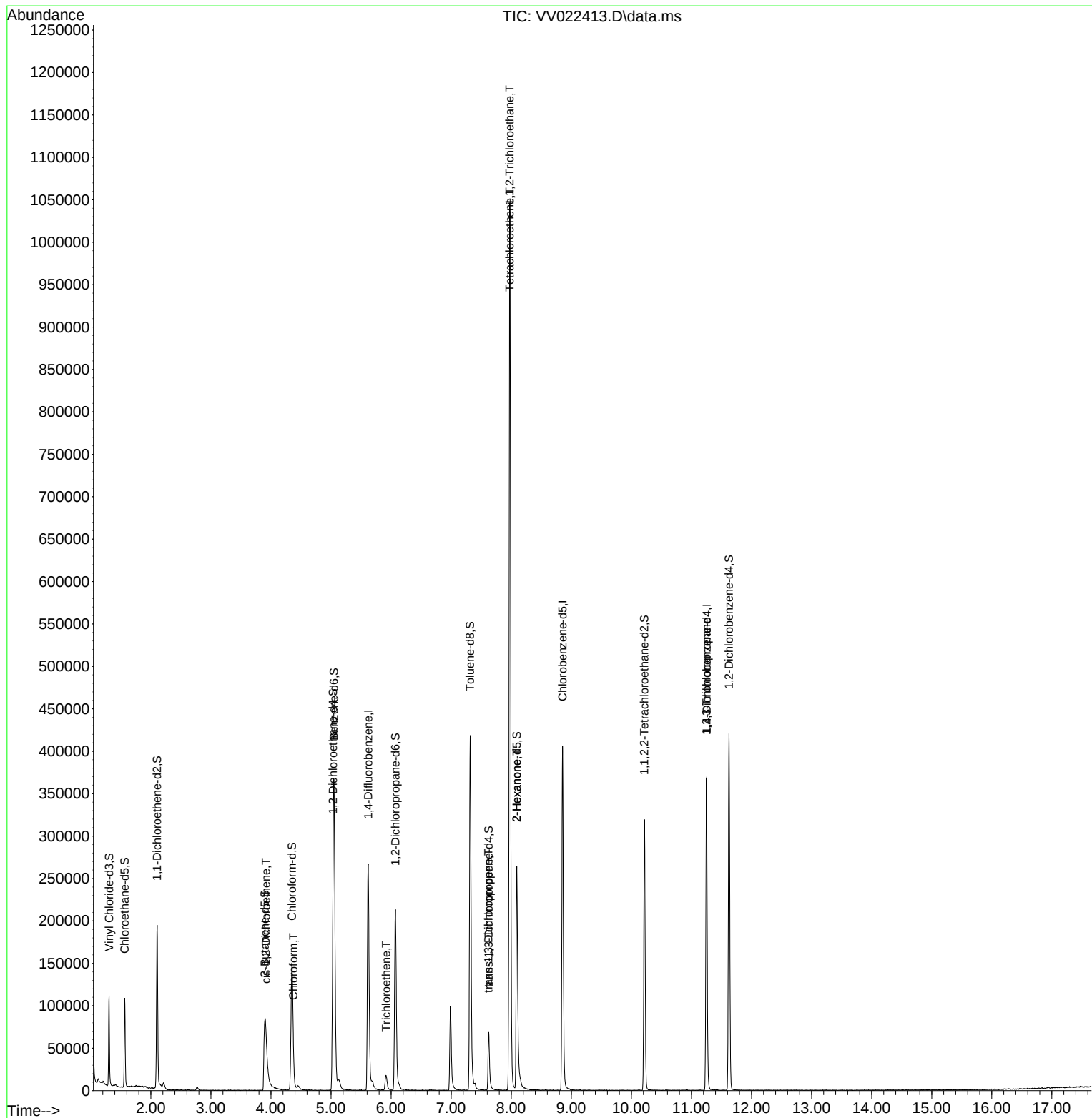
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	240360	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	236765	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	101068	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	67899	33.287	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	66.580%		
7) Chloroethane-d5	1.564	69	63511	39.365	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.720%		
11) 1,1-Dichloroethene-d2	2.105	63	98313	27.721	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	55.440%#		
21) 2-Butanone-d5	3.896	46	147746	102.631	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	102.630%		
24) Chloroform-d	4.349	84	155850	42.312	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.620%		
26) 1,2-Dichloroethane-d4	5.034	65	99737	44.156	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.320%		
32) Benzene-d6	5.050	84	317913	42.682	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.360%		
36) 1,2-Dichloropropane-d6	6.072	67	107371	45.059	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.120%		
41) Toluene-d8	7.317	98	287476	42.167	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.340%		
43) trans-1,3-Dichloroprop...	7.625	79	41811	38.425	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.860%		
47) 2-Hexanone-d5	8.091	63	95978	99.125	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	99.120%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	154485	44.661	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.320%		
66) 1,2-Dichlorobenzene-d4	11.625	152	113809	50.641	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.280%		
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	3.915	96	8124	4.184	ug/L	89
25) Chloroform	4.375	83	2199	0.649	ug/L #	62
34) Trichloroethene	5.918	95	4018	2.162	ug/L	89
44) trans-1,3-Dichloropropene	7.619	75	1851	0.710	ug/L	89
45) 1,1,2-Trichloroethane	7.973	97	2049	1.086	ug/L #	1
46) Tetrachloroethene	7.976	164	243362	159.064	ug/L	99
48) 2-Hexanone	8.091	43	11248	5.676	ug/L #	68
61) 1,2,3-Trichloropropane	11.249	75	11568	6.135	ug/L #	65

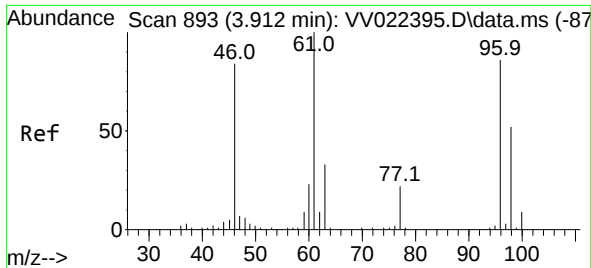
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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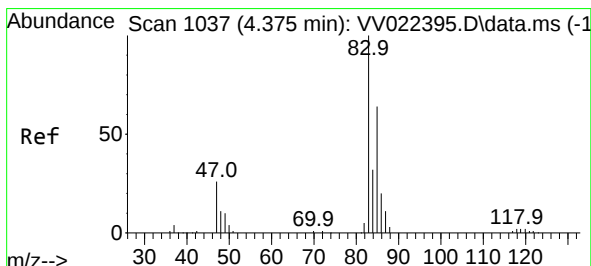
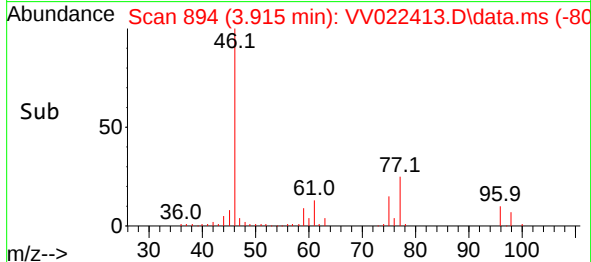
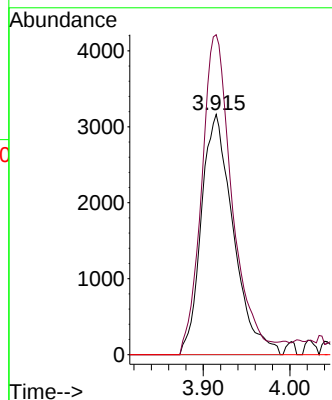
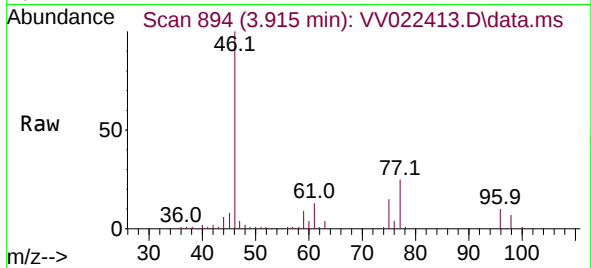




#20
cis-1,2-Dichloroethene
Concen: 4.184 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV022413.D
Acq: 30 Sep 2021 05:45

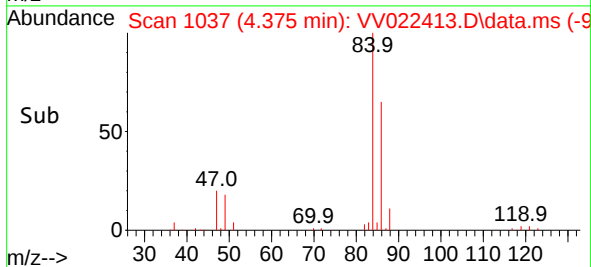
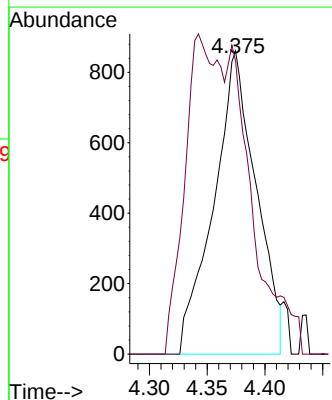
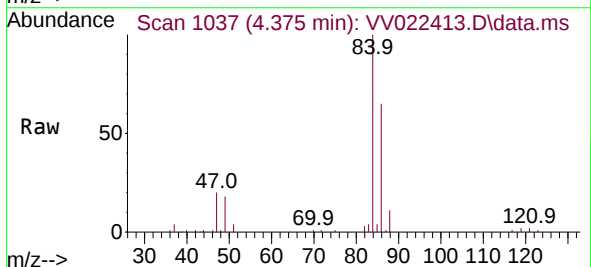
Instrument :
MSVOA_V
ClientSampled :
F4A49

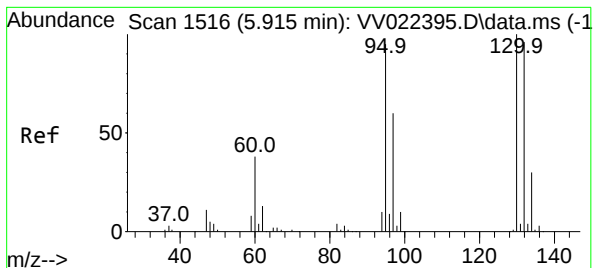
Tgt Ion: 96 Resp: 8124
Ion Ratio Lower Upper
96 100
61 133.2 84.6 157.0
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.649 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VV022413.D
Acq: 30 Sep 2021 05:45

Tgt Ion: 83 Resp: 2199
Ion Ratio Lower Upper
83 100
85 96.6 46.5 86.3#

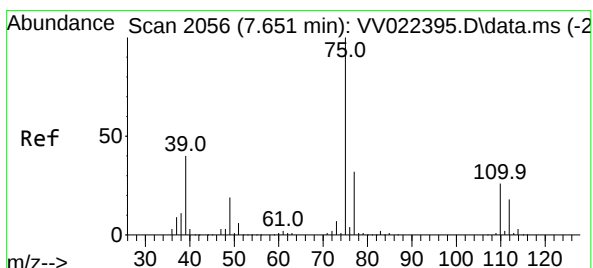
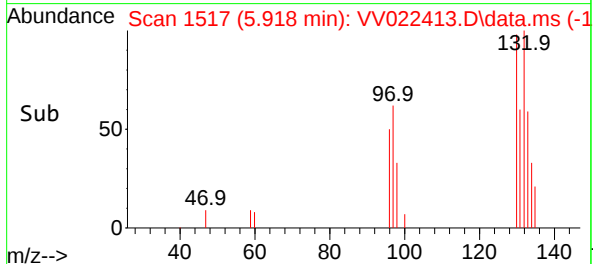
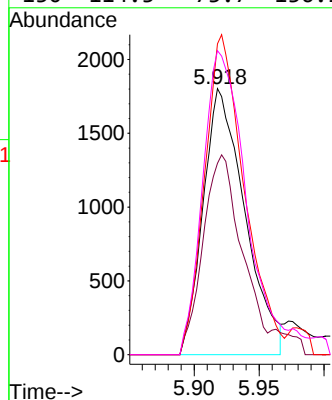
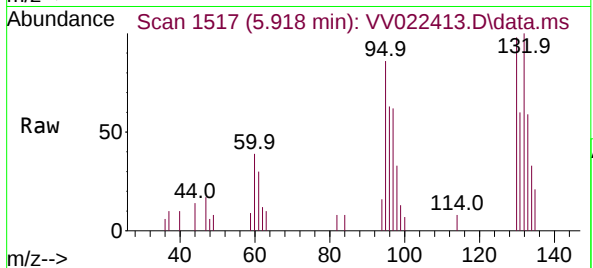




#34
Trichloroethene
Concen: 2.162 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV022413.D
Acq: 30 Sep 2021 05:45

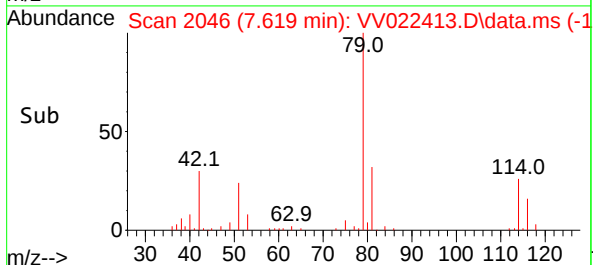
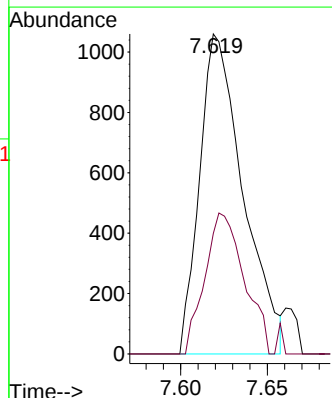
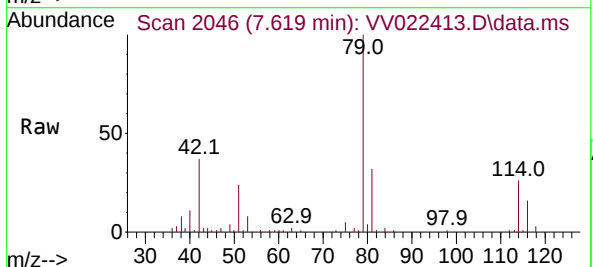
Instrument :
MSVOA_V
ClientSampled :
F4A49

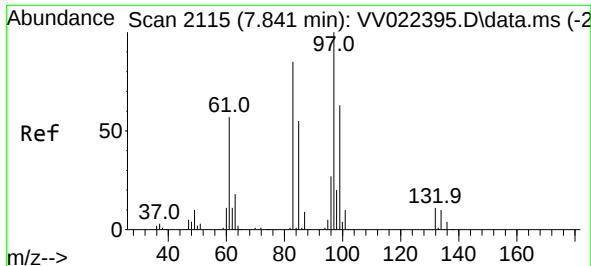
Tgt Ion:	95	Resp:	4018
Ion	Ratio	Lower	Upper
95	100		
97	71.9	45.2	84.0
132	116.8	71.0	131.8
130	114.3	73.7	136.9



#44
trans-1,3-Dichloropropene
Concen: 0.710 ug/L
RT: 7.619 min Scan# 2046
Delta R.T. -0.032 min
Lab File: VV022413.D
Acq: 30 Sep 2021 05:45

Tgt Ion:	75	Resp:	1851
Ion	Ratio	Lower	Upper
75	100		
77	37.6	22.3	41.3





#45

1,1,2-Trichloroethane

Concen: 1.086 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.132 min

Lab File: VV022413.D

Acq: 30 Sep 2021 05:45

Tgt Ion: 97 Resp: 2049

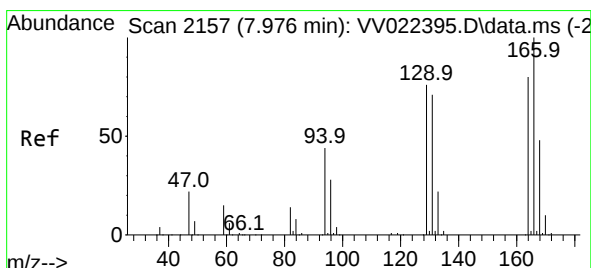
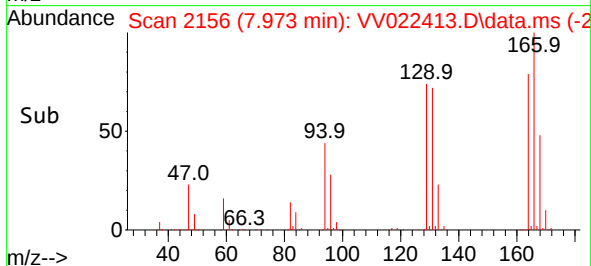
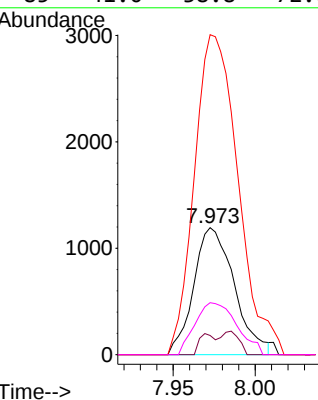
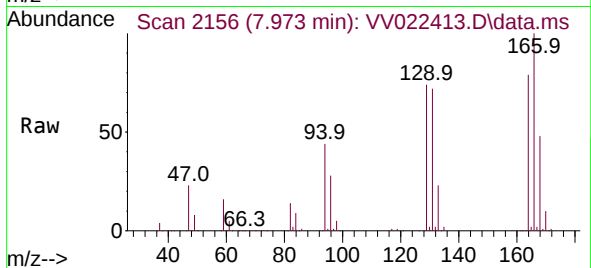
Ion Ratio Lower Upper

97 100

99 15.1 44.6 82.8#

83 251.8 59.8 111.1#

85 41.0 38.8 72.0



#46

Tetrachloroethene

Concen: 159.064 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV022413.D

Acq: 30 Sep 2021 05:45

Tgt Ion:164 Resp: 243362

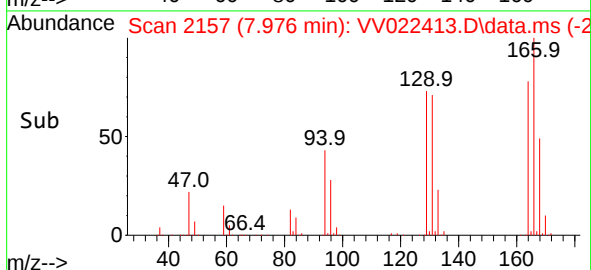
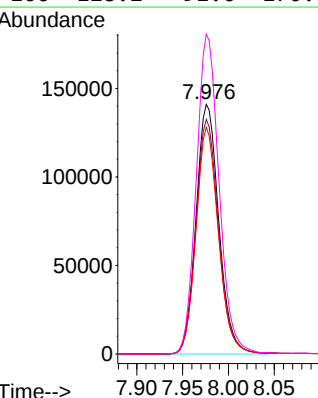
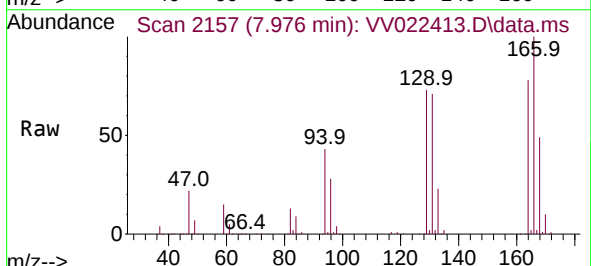
Ion Ratio Lower Upper

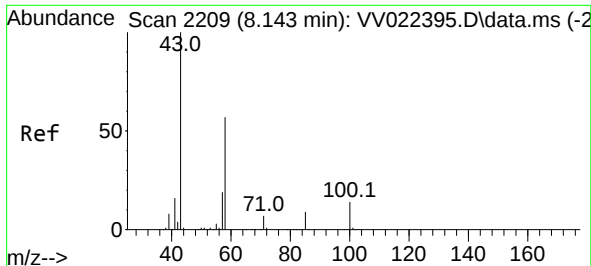
164 100

129 93.9 66.4 123.4

131 90.7 63.6 118.0

166 128.2 91.6 170.0

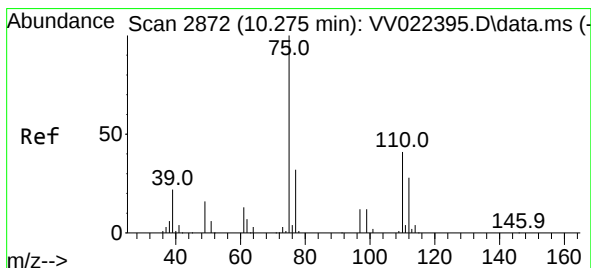
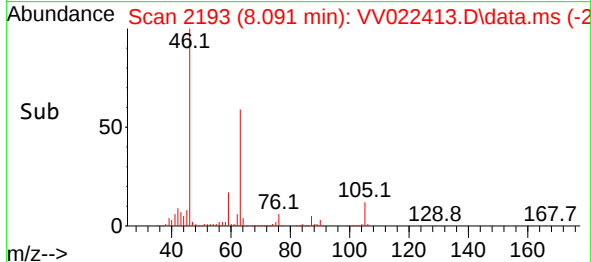
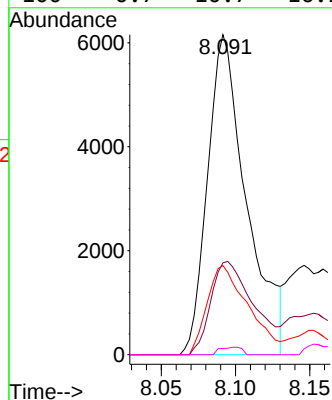
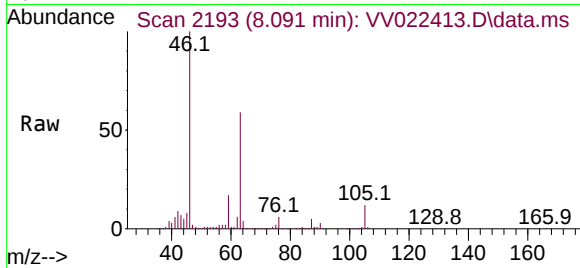




#48
2-Hexanone
Concen: 5.676 ug/L
RT: 8.091 min Scan# 2193
Delta R.T. -0.051 min
Lab File: VV022413.D
Acq: 30 Sep 2021 05:45

Instrument :
MSVOA_V
ClientSampled :
F4A49

Tgt Ion:	43	Resp:	11248
Ion	Ratio	Lower	Upper
43	100		
58	31.5	45.4	68.2#
57	29.4	15.0	22.4#
100	0.7	10.7	16.1#



#61
1,2,3-Trichloropropane
Concen: 6.135 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022413.D
Acq: 30 Sep 2021 05:45

Tgt Ion:	75	Resp:	11568
Ion	Ratio	Lower	Upper
75	100		
77	30.1	25.4	38.0
110	3.4	32.6	48.8#

