

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092921\
 Data File : VV022407.D
 Acq On : 30 Sep 2021 03:20
 Operator : SY/MD
 Sample : M3979-13
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A08

Quant Time: Sep 30 07:09:43 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)

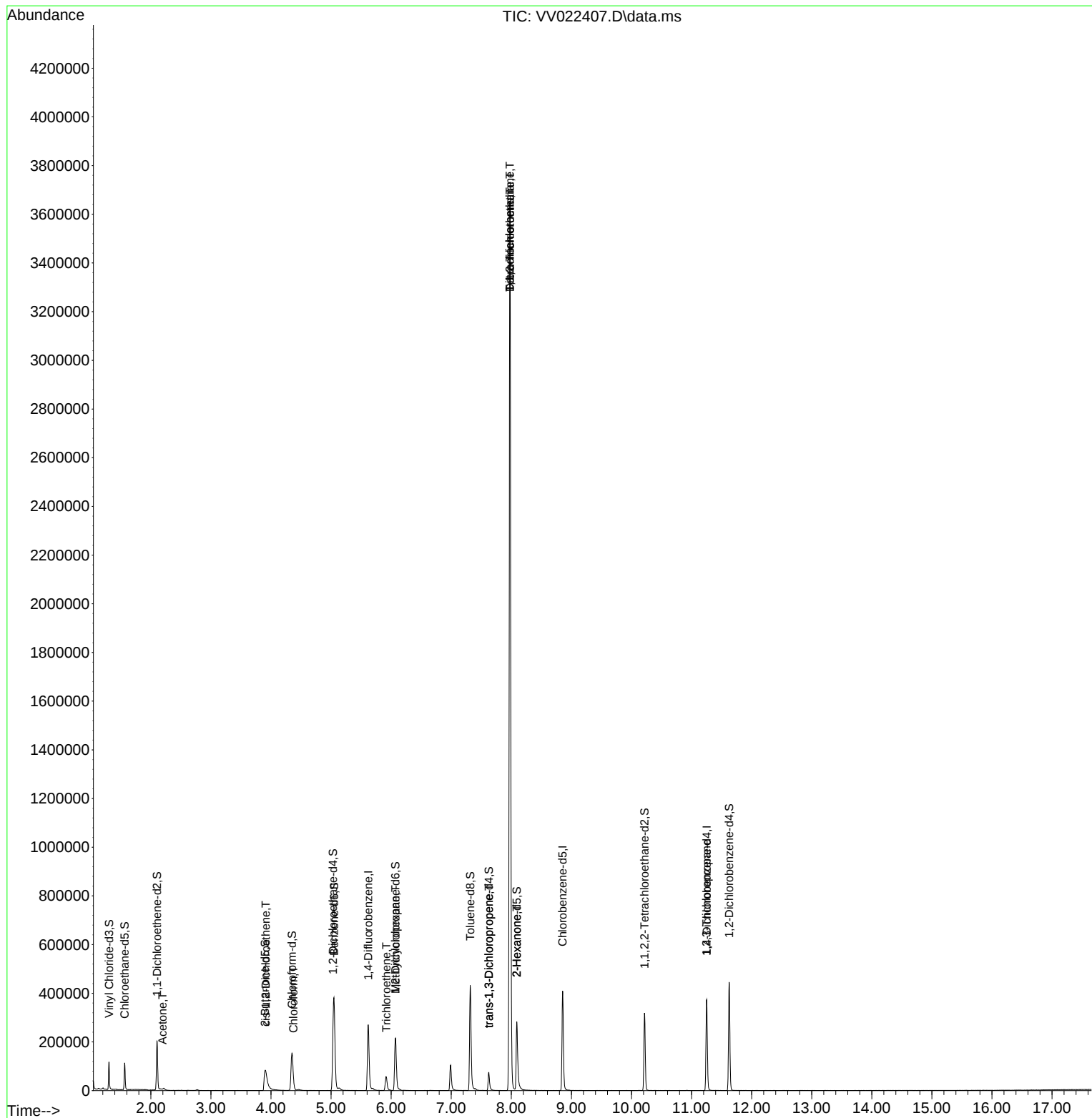
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	238941	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	239342	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	102089	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	70310	34.673	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	69.340%		
7) Chloroethane-d5	1.564	69	65673	40.947	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	81.900%		
11) 1,1-Dichloroethene-d2	2.101	63	104312	29.587	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	59.180%#		
21) 2-Butanone-d5	3.899	46	153409	107.198	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	107.200%		
24) Chloroform-d	4.349	84	161555	44.122	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.240%		
26) 1,2-Dichloroethane-d4	5.034	65	102810	45.786	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.580%		
32) Benzene-d6	5.050	84	330068	43.837	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.680%		
36) 1,2-Dichloropropane-d6	6.072	67	112166	46.565	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.120%		
41) Toluene-d8	7.317	98	297329	43.143	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.280%		
43) trans-1,3-Dichloroprop...	7.625	79	43695	39.724	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.440%		
47) 2-Hexanone-d5	8.092	63	103755	106.003	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	106.000%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	154270	44.119	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.240%		
66) 1,2-Dichlorobenzene-d4	11.625	152	115973	51.088	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.180%		
Target Compounds					Qvalue	
13) Acetone	2.195	43	5750	5.119	ug/L	86
20) cis-1,2-Dichloroethene	3.912	96	7632	3.954	ug/L	92
25) Chloroform	4.375	83	1790	0.531	ug/L	88
34) Trichloroethene	5.918	95	18225	9.703	ug/L	97
35) Methylcyclohexane	6.072	83	26243	9.069	ug/L #	19
44) trans-1,3-Dichloropropene	7.625	75	2003	0.760	ug/L	83
45) 1,1,2-Trichloroethane	7.976	97	6612	3.466	ug/L #	1
46) Tetrachloroethene	7.976	164	838169	541.937	ug/L	98
48) 2-Hexanone	8.092	43	11775	5.878	ug/L #	67
49) Dibromochloromethane	7.976	129	755966	374.474	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	11447	6.010	ug/L #	65

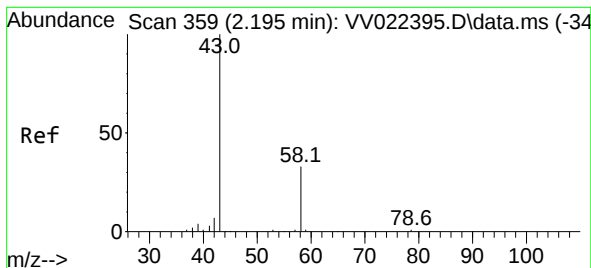
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 5.119 ug/L

RT: 2.195 min Scan# 359

Delta R.T. 0.000 min

Lab File: VV022407.D

Acq: 30 Sep 2021 03:20

Tgt Ion: 43 Resp: 5750

Ion Ratio Lower Upper

43 100

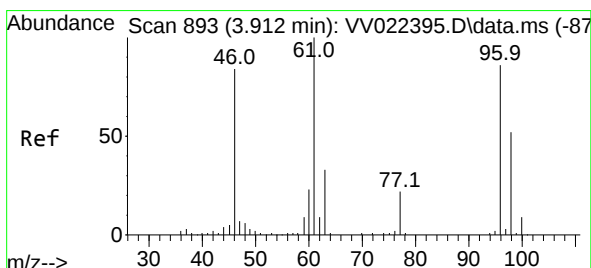
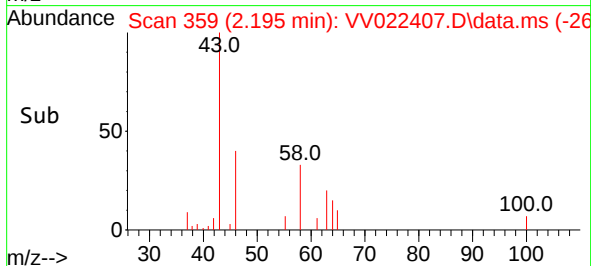
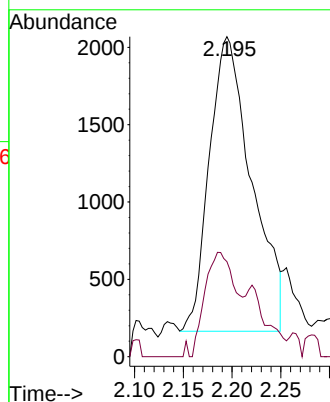
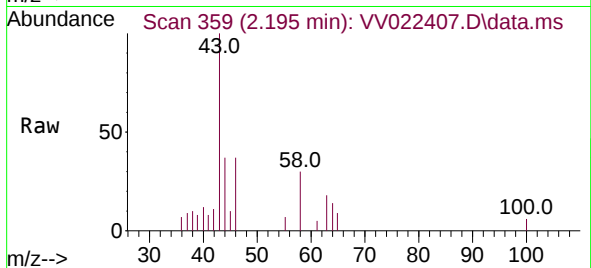
58 25.6 0.0 67.2

Instrument :

MSVOA_V

ClientSampleId :

F4A08



#20

cis-1,2-Dichloroethene

Concen: 3.954 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.000 min

Lab File: VV022407.D

Acq: 30 Sep 2021 03:20

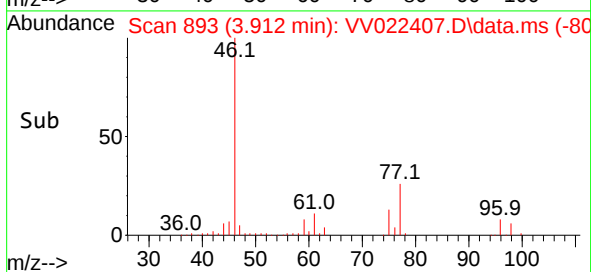
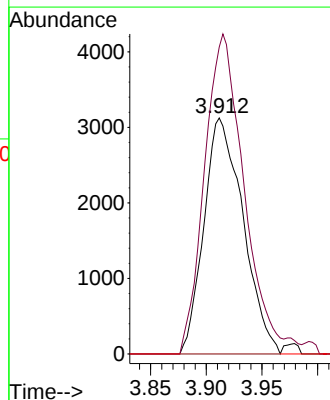
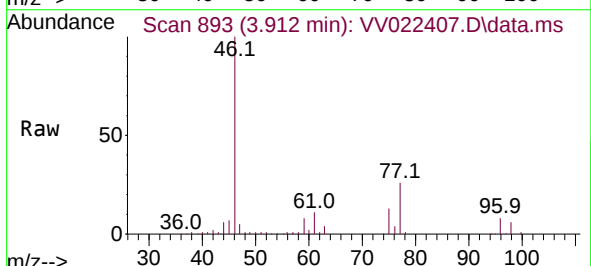
Tgt Ion: 96 Resp: 7632

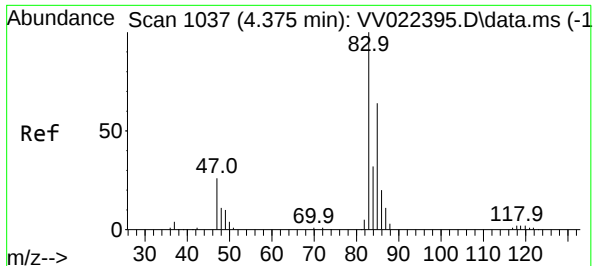
Ion Ratio Lower Upper

96 100

61 130.1 84.6 157.0

68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.531 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.000 min

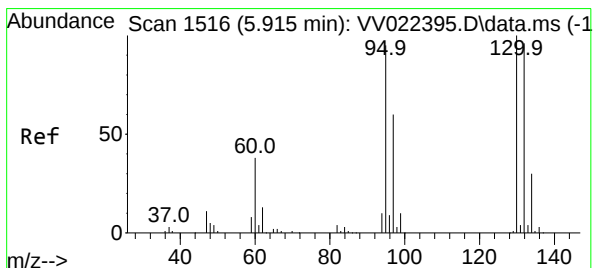
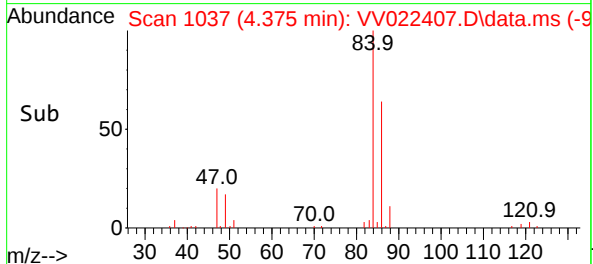
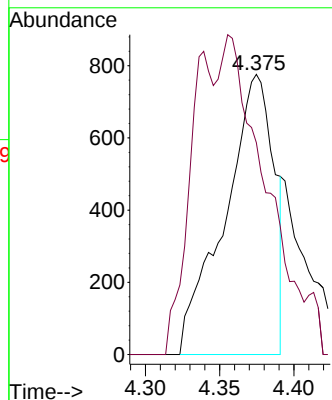
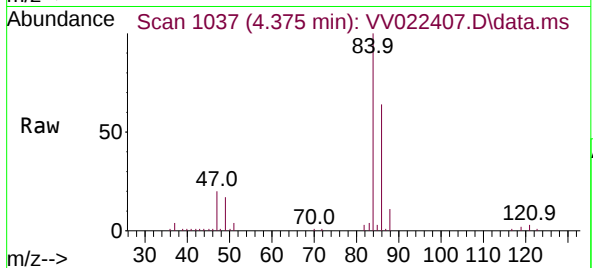
Lab File: VV022407.D

Acq: 30 Sep 2021 03:20

Tgt Ion: 83 Resp: 1790

Ion	Ratio	Lower	Upper
83	100		
85	75.6	46.5	86.3

Instrument :
MSVOA_V
ClientSampled :
F4A08



#34

Trichloroethene

Concen: 9.703 ug/L

RT: 5.918 min Scan# 1517

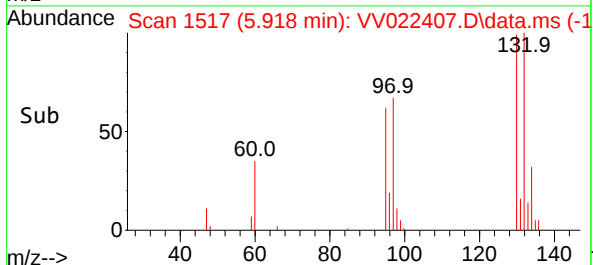
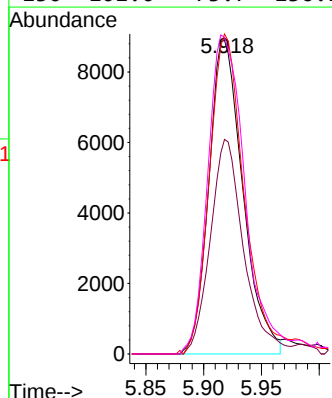
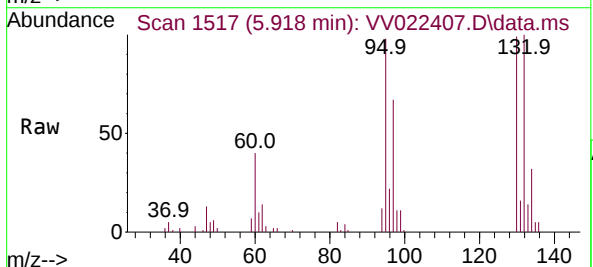
Delta R.T. 0.003 min

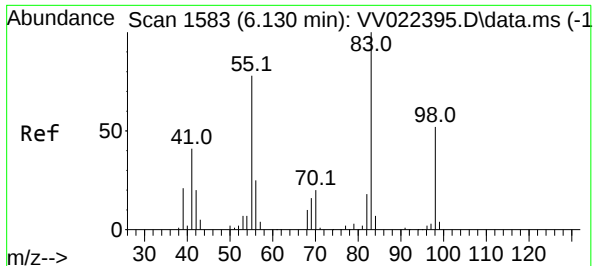
Lab File: VV022407.D

Acq: 30 Sep 2021 03:20

Tgt Ion: 95 Resp: 18225

Ion	Ratio	Lower	Upper
95	100		
97	68.4	45.2	84.0
132	102.1	71.0	131.8
130	101.0	73.7	136.9





#35

Methylcyclohexane

Concen: 9.069 ug/L

RT: 6.072 min Scan# 1565

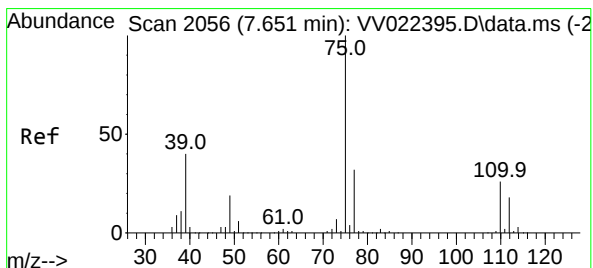
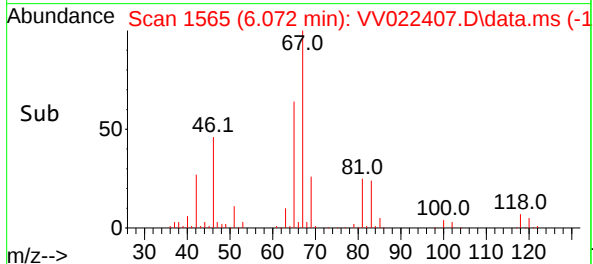
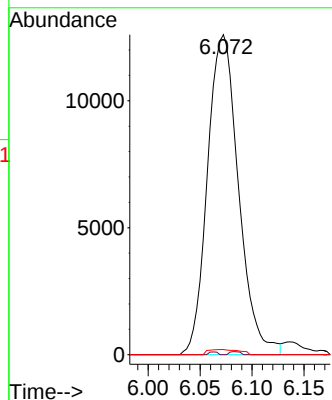
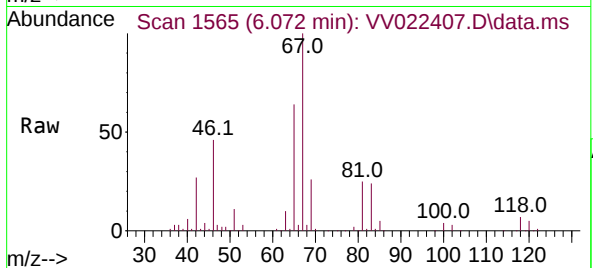
Delta R.T. -0.058 min

Lab File: VV022407.D

Acq: 30 Sep 2021 03:20

Tgt Ion:	83	Resp:	26243
Ion	Ratio	Lower	Upper
83	100		
55	0.3	58.6	87.8#
98	0.0	39.2	58.8#

Instrument :
MSVOA_V
ClientSampleId :
F4A08



#44

trans-1,3-Dichloropropene

Concen: 0.760 ug/L

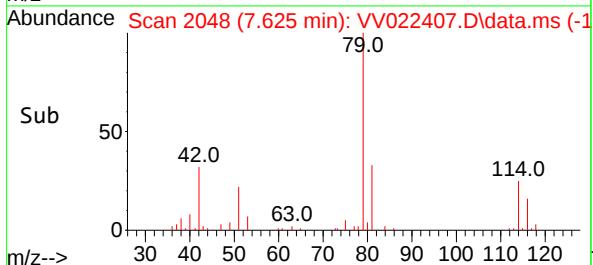
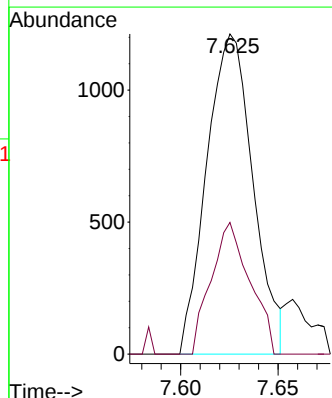
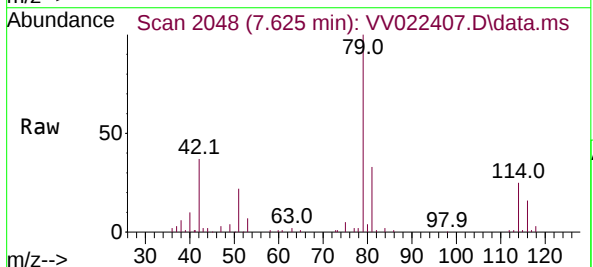
RT: 7.625 min Scan# 2048

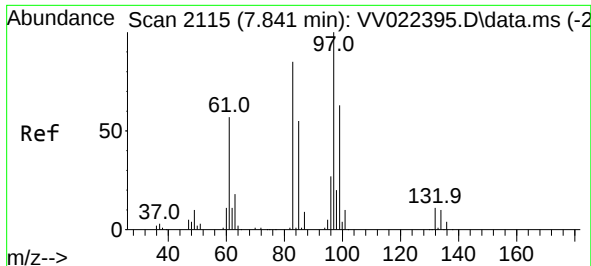
Delta R.T. -0.026 min

Lab File: VV022407.D

Acq: 30 Sep 2021 03:20

Tgt Ion:	75	Resp:	2003
Ion	Ratio	Lower	Upper
75	100		
77	41.1	22.3	41.3





#45

1,1,2-Trichloroethane

Concen: 3.466 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.135 min

Lab File: VV022407.D

Acq: 30 Sep 2021 03:20

Tgt Ion: 97 Resp: 6612

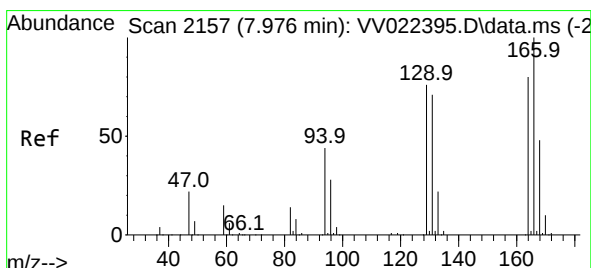
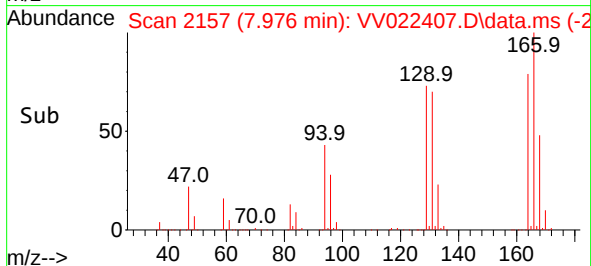
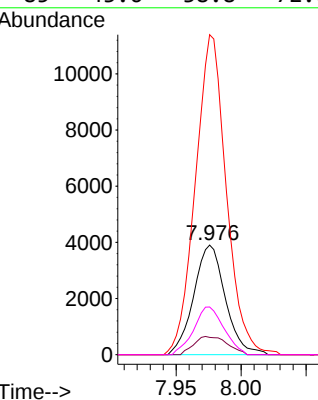
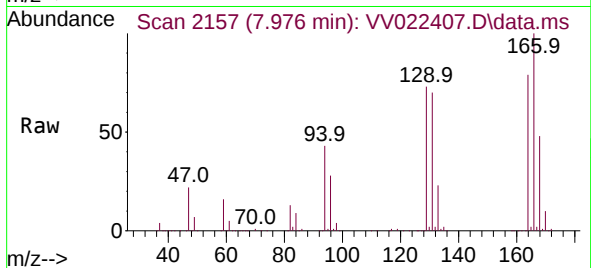
Ion Ratio Lower Upper

97 100

99 15.8 44.6 82.8#

83 292.1 59.8 111.1#

85 43.6 38.8 72.0



#46

Tetrachloroethene

Concen: 541.937 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV022407.D

Acq: 30 Sep 2021 03:20

Tgt Ion: 164 Resp: 838169

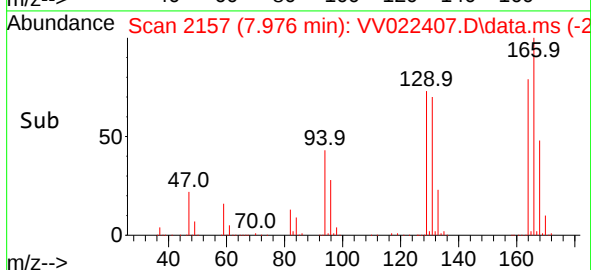
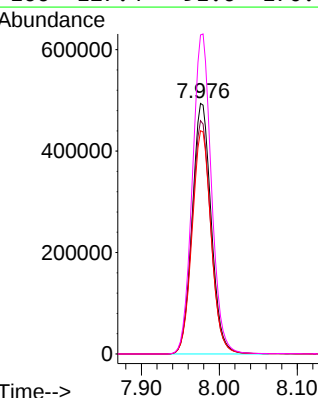
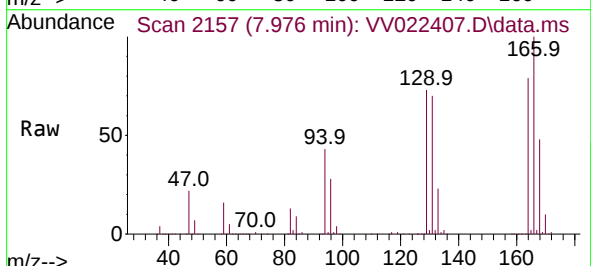
Ion Ratio Lower Upper

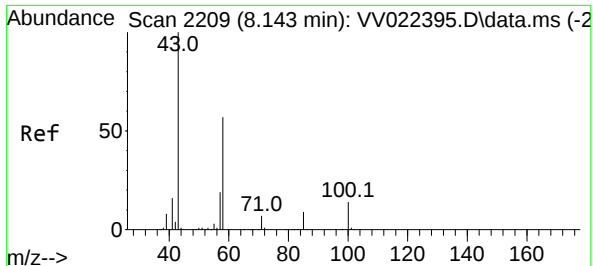
164 100

129 93.1 66.4 123.4

131 89.1 63.6 118.0

166 127.4 91.6 170.0

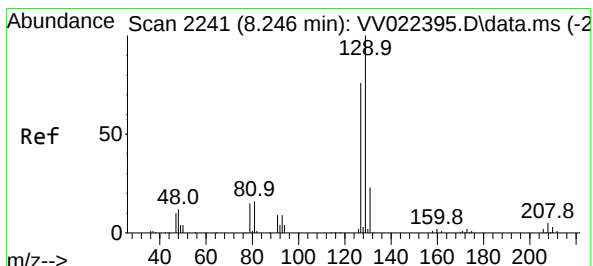
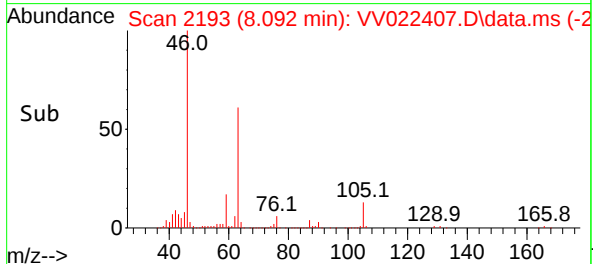
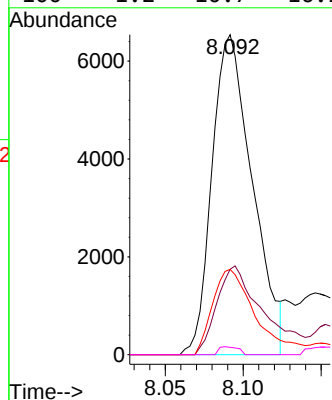
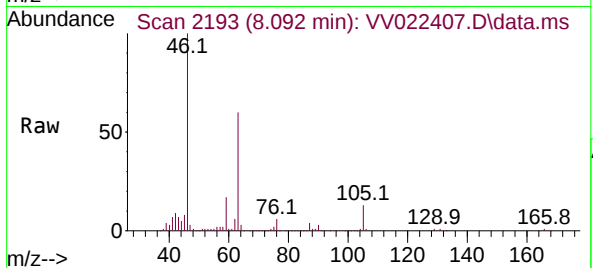




#48
2-Hexanone
Concen: 5.878 ug/L
RT: 8.092 min Scan# 2193
Delta R.T. -0.051 min
Lab File: VV022407.D
Acq: 30 Sep 2021 03:20

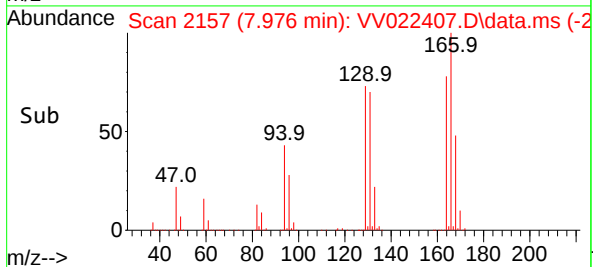
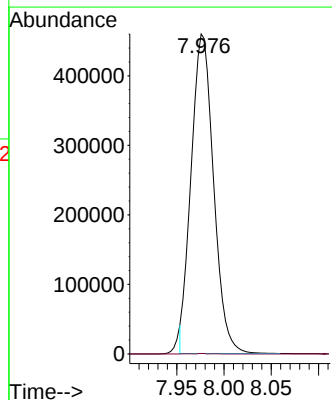
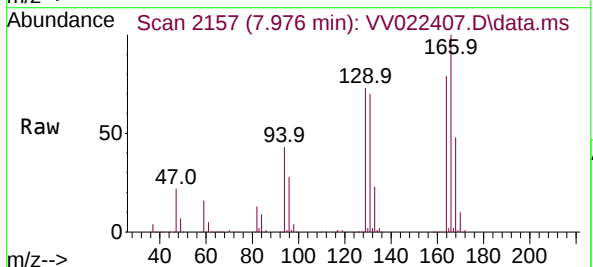
Instrument :
MSVOA_V
ClientSampleId :
F4A08

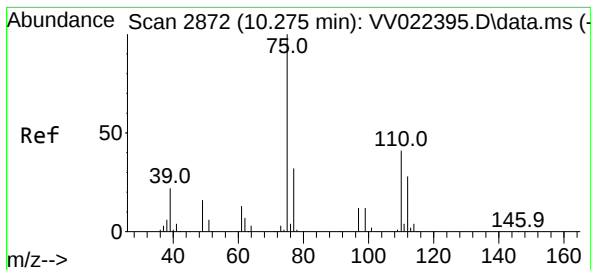
Tgt Ion: 43	Resp: 11775
Ion Ratio	Lower Upper
43 100	
58 29.2	45.4 68.2#
57 28.3	15.0 22.4#
100 1.2	10.7 16.1#



#49
Dibromochloromethane
Concen: 374.474 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.270 min
Lab File: VV022407.D
Acq: 30 Sep 2021 03:20

Tgt Ion:129	Resp: 755966
Ion Ratio	Lower Upper
129 100	
127 0.1	54.7 101.7#





#61
 1,2,3-Trichloropropane
 Concen: 6.010 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV022407.D
 Acq: 30 Sep 2021 03:20

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A08

Tgt Ion:	75	Resp:	11447
Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.4	38.0
110	2.2	32.6	48.8#

