

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
 Data File : VV022462.D
 Acq On : 01 Oct 2021 03:42
 Operator : SY/MD
 Sample : M3996-17
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A32

Quant Time: Oct 01 04:48:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 01 04:27:45 2021
 Response via : Initial Calibration

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

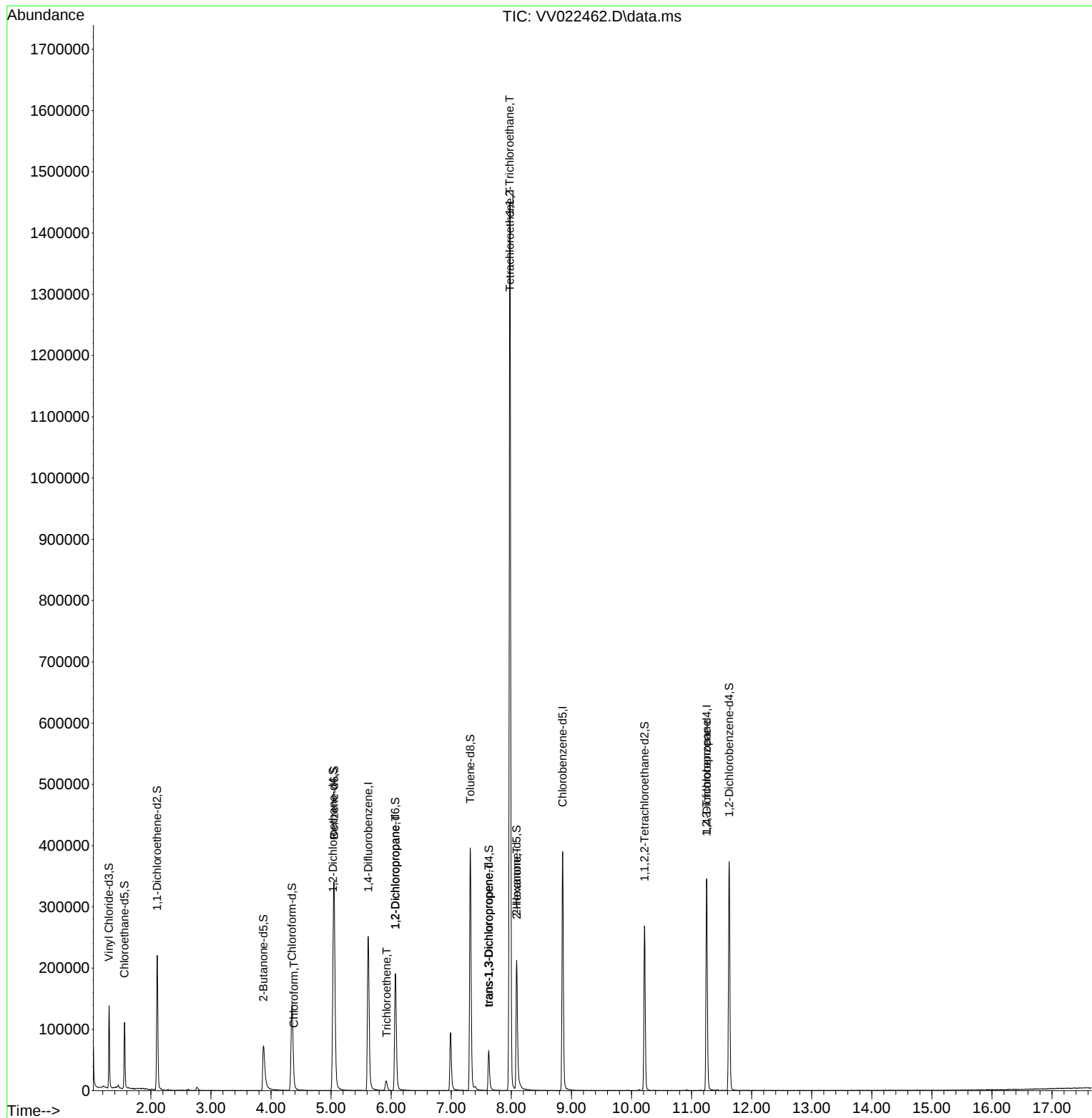
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	228248	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	220063	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	95780	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	83452	43.082	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.160%		
7) Chloroethane-d5	1.561	69	69276	45.217	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.440%		
11) 1,1-Dichloroethene-d2	2.105	63	113439	33.683	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.360%		
21) 2-Butanone-d5	3.873	46	110619	80.919	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	80.920%		
24) Chloroform-d	4.349	84	146656	41.929	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.860%		
26) 1,2-Dichloroethane-d4	5.034	65	90234	42.068	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.140%		
32) Benzene-d6	5.050	84	303580	43.851	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.700%		
36) 1,2-Dichloropropane-d6	6.069	67	95441	43.092	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.180%		
41) Toluene-d8	7.317	98	266810	42.106	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.220%		
43) trans-1,3-Dichloroprop...	7.625	79	37330	36.911	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.820%		
47) 2-Hexanone-d5	8.088	63	73387	81.546	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	81.550%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	128954	40.110	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	80.220%		
66) 1,2-Dichlorobenzene-d4	11.625	152	103273	48.490	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.980%		
Target Compounds						Qvalue
25) Chloroform	4.381	83	2108	0.655	ug/L #	67
34) Trichloroethene	5.924	95	4099	2.373	ug/L	94
37) 1,2-Dichloropropane	6.072	63	10224	5.932	ug/L #	87
44) trans-1,3-Dichloropropene	7.622	75	1592	0.657	ug/L #	57
45) 1,1,2-Trichloroethane	7.972	97	2683	1.530	ug/L #	1
46) Tetrachloroethene	7.976	164	330952	232.731	ug/L	97
48) 2-Hexanone	8.091	43	8373	4.546	ug/L #	69
61) 1,2,3-Trichloropropane	11.249	75	10315	5.772	ug/L #	63

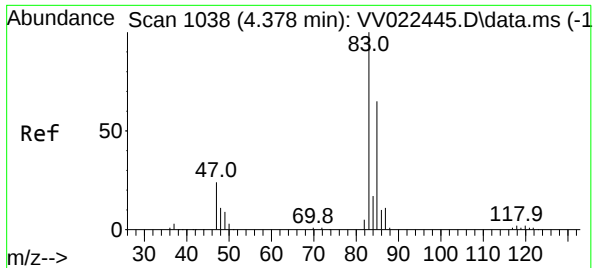
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 01 04:27:45 2021
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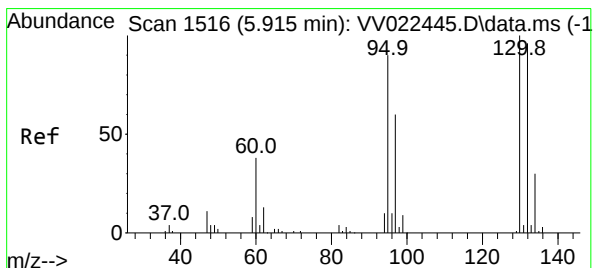
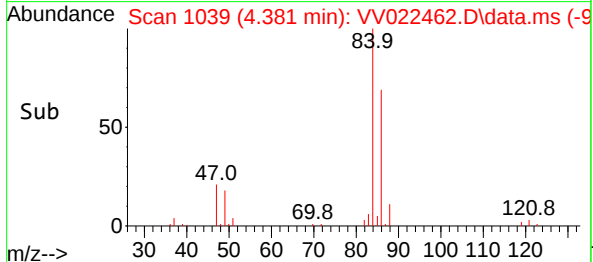
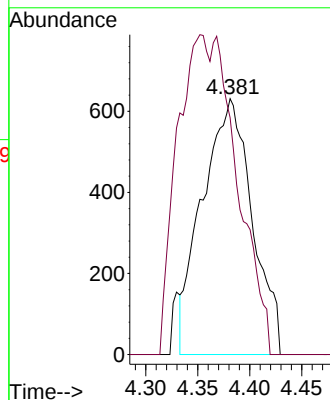
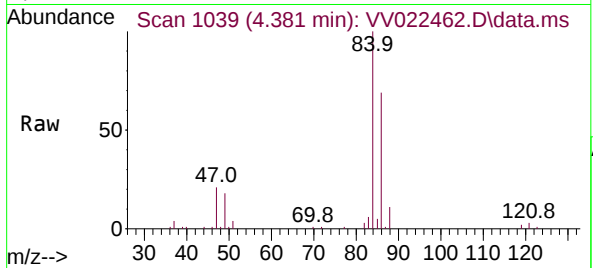




#25
Chloroform
Concen: 0.655 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VV022462.D
Acq: 01 Oct 2021 03:42

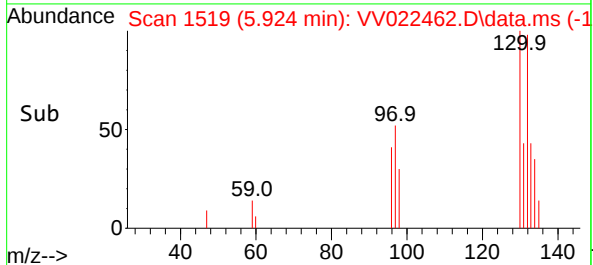
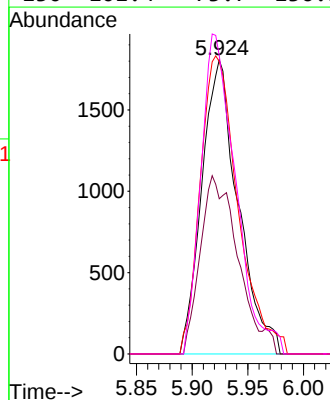
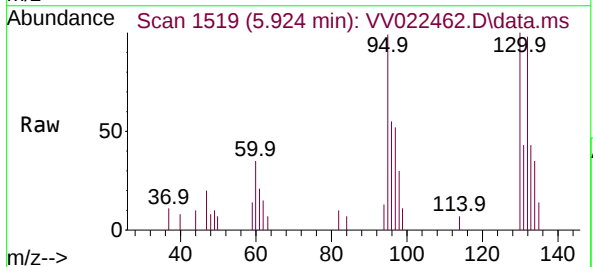
Instrument :
MSVOA_V
ClientSampled :
F4A32

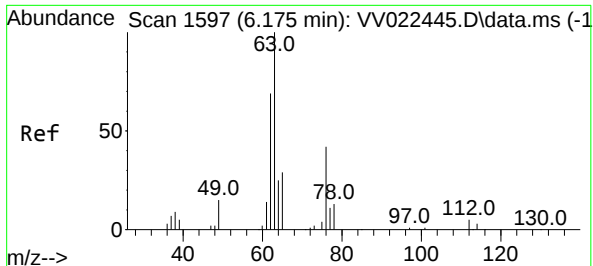
Tgt Ion: 83 Resp: 2108
Ion Ratio Lower Upper
83 100
85 92.6 46.5 86.3#



#34
Trichloroethene
Concen: 2.373 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.010 min
Lab File: VV022462.D
Acq: 01 Oct 2021 03:42

Tgt Ion: 95 Resp: 4099
Ion Ratio Lower Upper
95 100
97 52.7 45.2 84.0
132 99.4 71.0 131.8
130 101.4 73.7 136.9



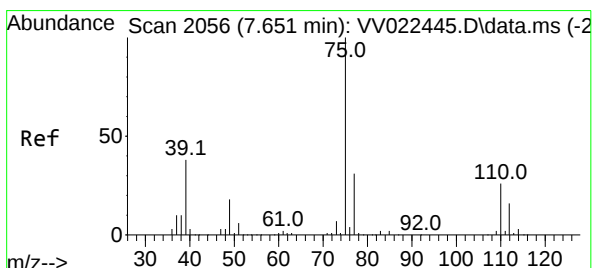
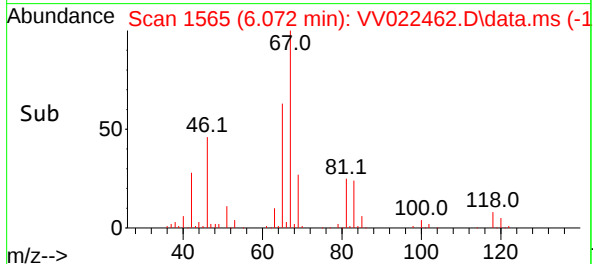
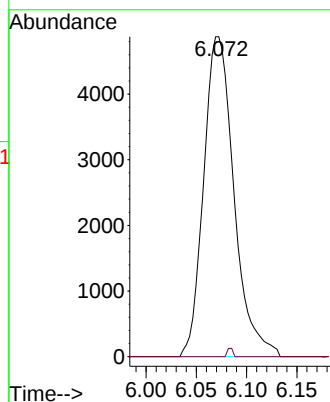
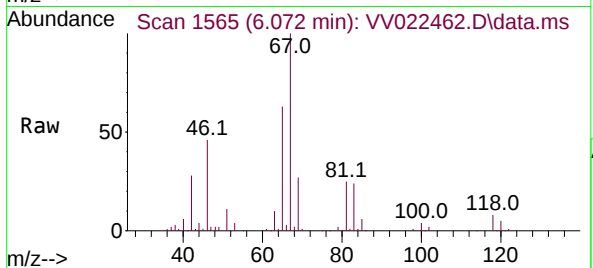


#37

1,2-Dichloropropane
Concen: 5.932 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.103 min
Lab File: VV022462.D
Acq: 01 Oct 2021 03:42

Instrument :
MSVOA_V
ClientSampled :
F4A32

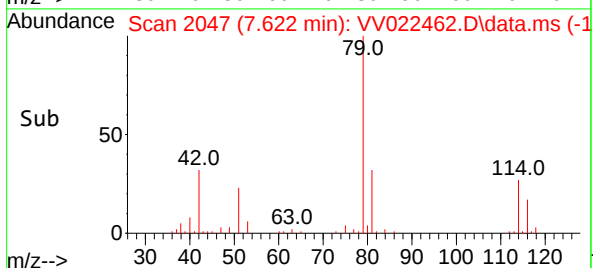
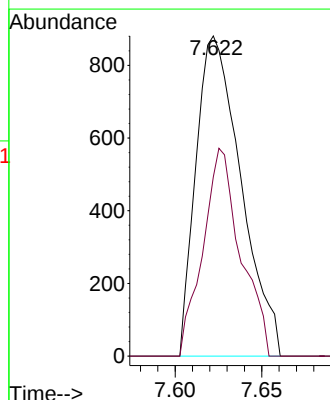
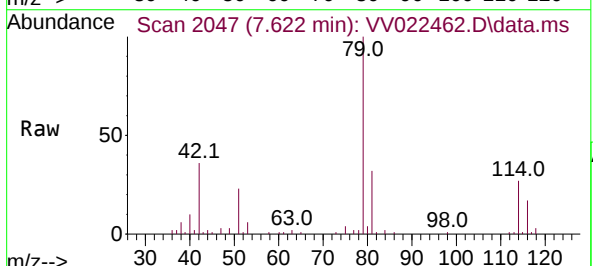
Tgt Ion: 63 Resp: 10224
Ion Ratio Lower Upper
63 100
112 0.5 3.9 5.9#

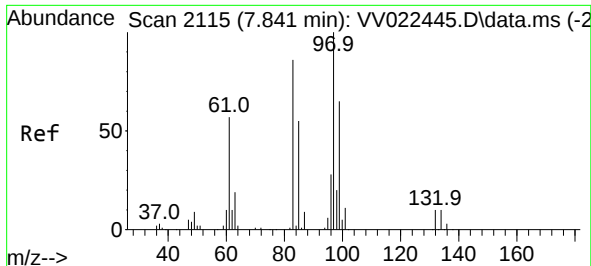


#44

trans-1,3-Dichloropropene
Concen: 0.657 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.029 min
Lab File: VV022462.D
Acq: 01 Oct 2021 03:42

Tgt Ion: 75 Resp: 1592
Ion Ratio Lower Upper
75 100
77 56.0 22.3 41.3#





#45

1,1,2-Trichloroethane

Concen: 1.530 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. 0.132 min

Lab File: VV022462.D

Acq: 01 Oct 2021 03:42

Tgt Ion: 97 Resp: 2683

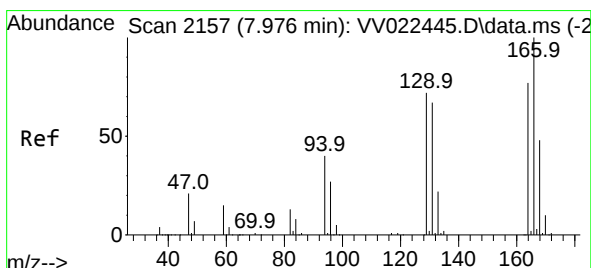
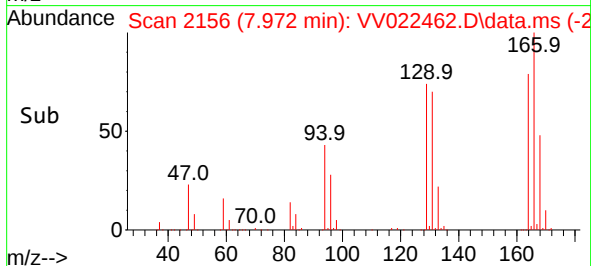
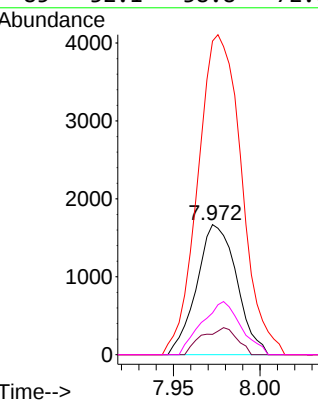
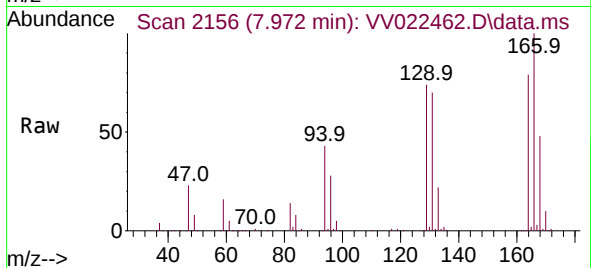
Ion Ratio Lower Upper

97 100

99 15.6 44.6 82.8#

83 241.2 59.8 111.1#

85 32.1 38.8 72.0#



#46

Tetrachloroethene

Concen: 232.731 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV022462.D

Acq: 01 Oct 2021 03:42

Tgt Ion:164 Resp: 330952

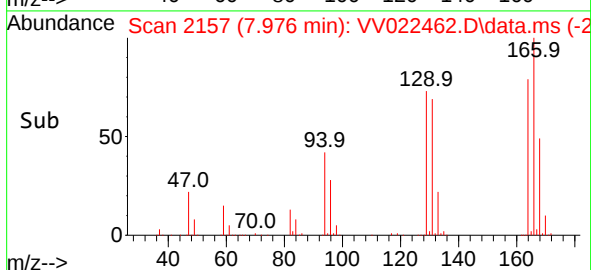
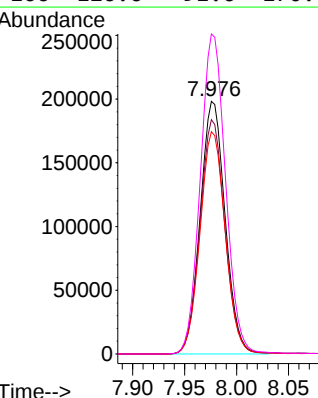
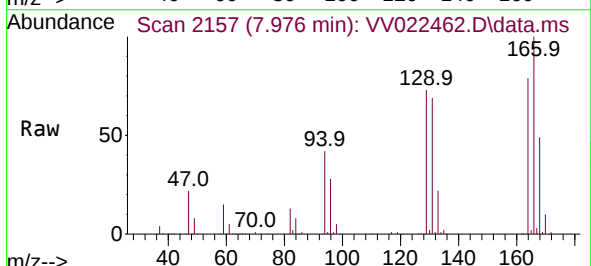
Ion Ratio Lower Upper

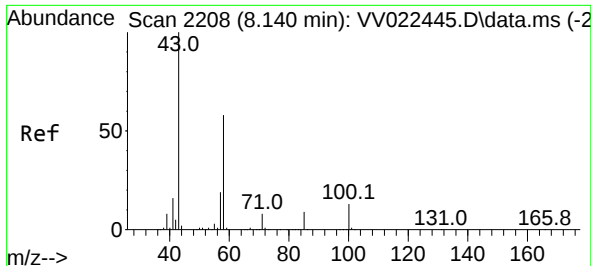
164 100

129 92.7 66.4 123.4

131 88.0 63.6 118.0

166 126.6 91.6 170.0



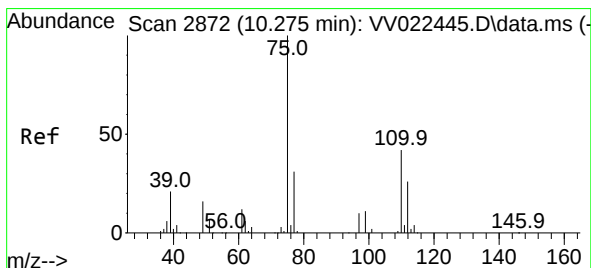
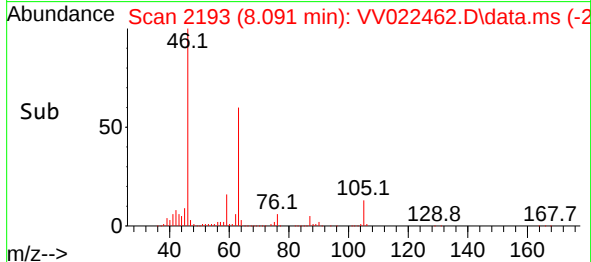
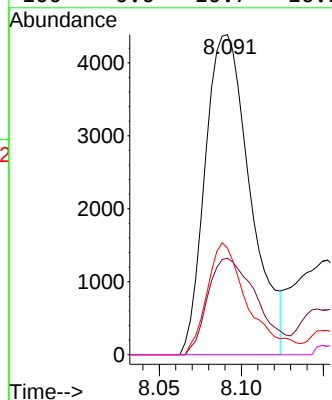
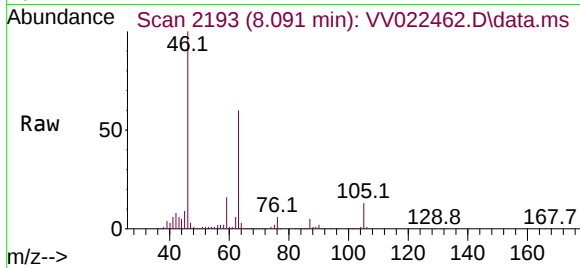


#48
2-Hexanone
Concen: 4.546 ug/L
RT: 8.091 min Scan# 2193
Delta R.T. -0.048 min
Lab File: VV022462.D
Acq: 01 Oct 2021 03:42

Instrument :
MSVOA_V
ClientSampled :
F4A32

Tgt Ion: 43 Resp: 8373

Ion	Ratio	Lower	Upper
43	100		
58	33.7	45.4	68.2#
57	30.5	15.0	22.4#
100	0.0	10.7	16.1#



#61
1,2,3-Trichloropropane
Concen: 5.772 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022462.D
Acq: 01 Oct 2021 03:42

Tgt Ion: 75 Resp: 10315

Ion	Ratio	Lower	Upper
75	100		
77	35.7	25.4	38.0
110	2.9	32.6	48.8#

