

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092921\
 Data File : VV022384.D
 Acq On : 29 Sep 2021 17:43
 Operator : SY/MD
 Sample : M3978-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A18

Quant Time: Sep 30 05:30:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 30 05:14:53 2021
 Response via : Initial Calibration

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

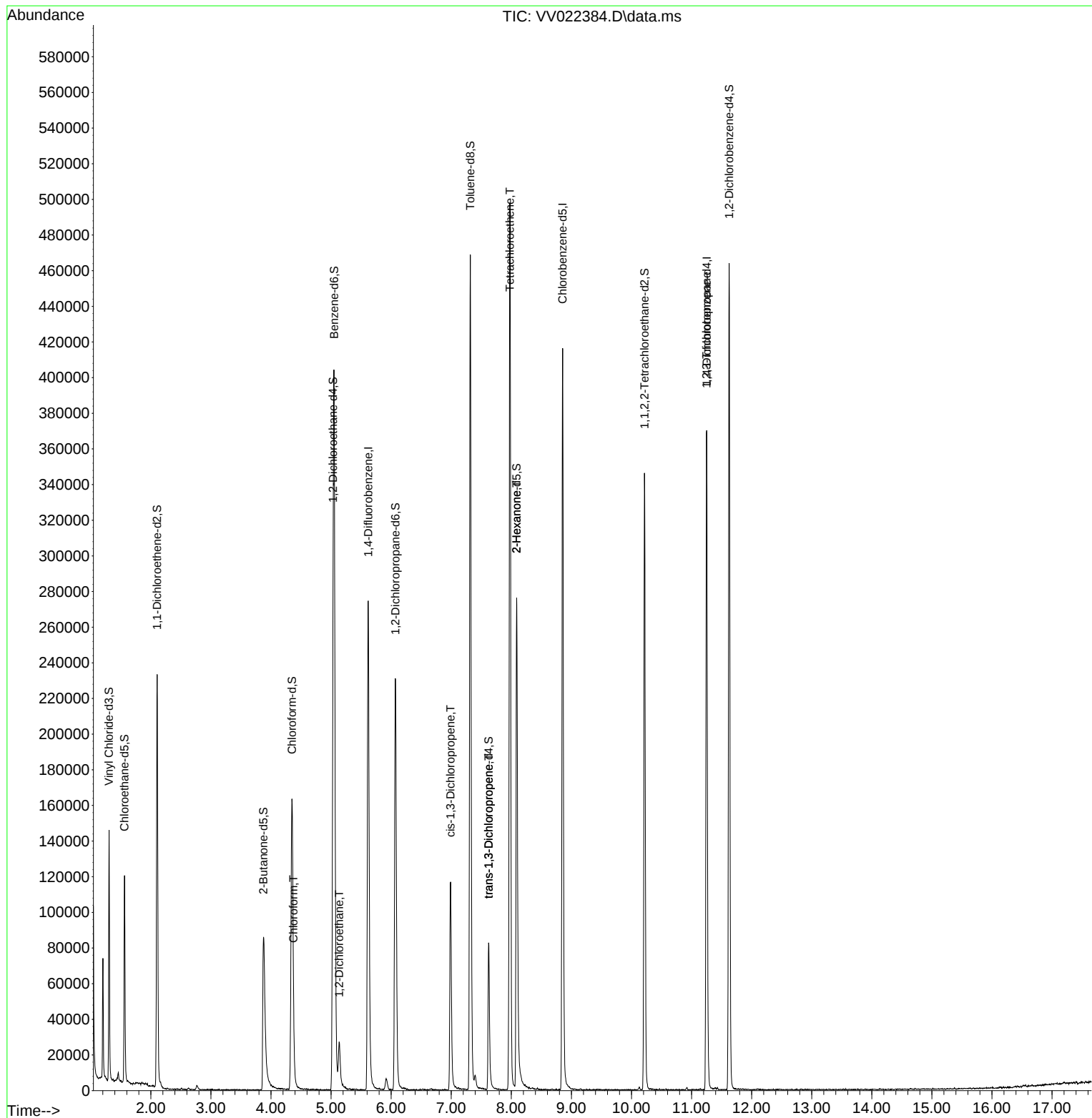
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	245141	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	238425	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	102560	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	84330	40.535	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.080%		
7) Chloroethane-d5	1.561	69	73072	44.408	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.820%		
11) 1,1-Dichloroethene-d2	2.104	63	118536	32.771	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.540%		
21) 2-Butanone-d5	3.873	46	135703	92.427	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.430%		
24) Chloroform-d	4.349	84	171433	45.635	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.280%		
26) 1,2-Dichloroethane-d4	5.034	65	109487	47.527	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.060%		
32) Benzene-d6	5.050	84	356160	47.484	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.960%		
36) 1,2-Dichloropropane-d6	6.072	67	116002	48.342	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.680%		
41) Toluene-d8	7.317	98	310227	45.188	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.380%		
43) trans-1,3-Dichloroprop...	7.622	79	47589	43.431	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.860%		
47) 2-Hexanone-d5	8.088	63	93272	95.659	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.660%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	167550	48.101	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.200%		
66) 1,2-Dichlorobenzene-d4	11.625	152	123289	54.061	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	108.120%		
Target Compounds					Qvalue	
25) Chloroform	4.375	83	4461	1.290	ug/L	96
27) 1,2-Dichloroethane	5.137	62	21552	8.765	ug/L	100
39) cis-1,3-Dichloropropene	6.989	75	2971	1.081	ug/L #	38
44) trans-1,3-Dichloropropene	7.622	75	2068	0.788	ug/L	92
46) Tetrachloroethene	7.976	164	115309	74.842	ug/L	97
48) 2-Hexanone	8.088	43	10630	5.327	ug/L #	77
61) 1,2,3-Trichloropropane	11.249	75	11567	6.045	ug/L #	65

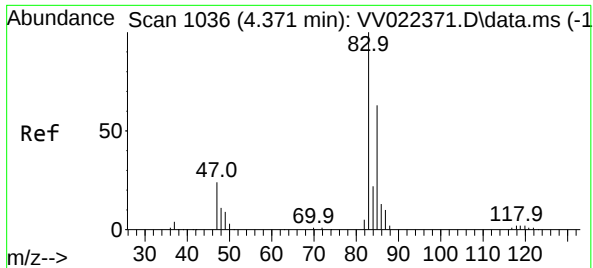
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Sep 30 05:14:53 2021
Response via : Initial Calibration

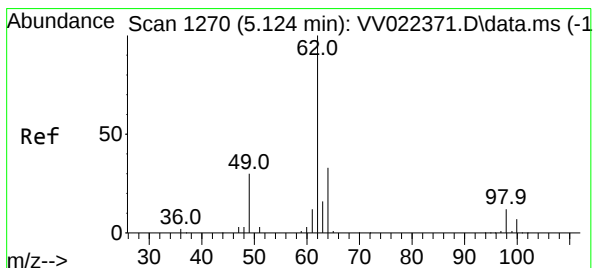
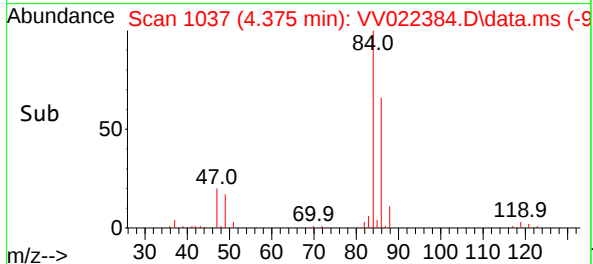
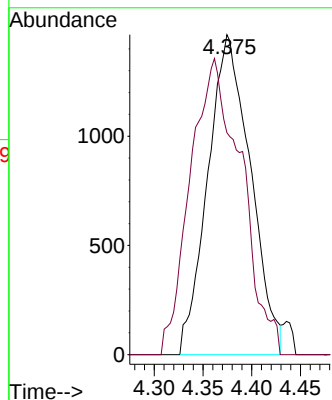
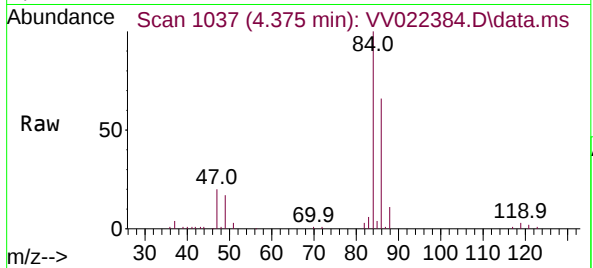




#25
Chloroform
Concen: 1.290 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV022384.D
Acq: 29 Sep 2021 17:43

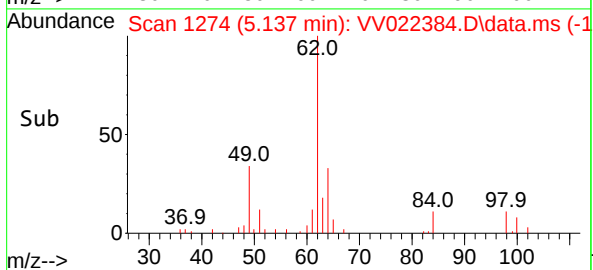
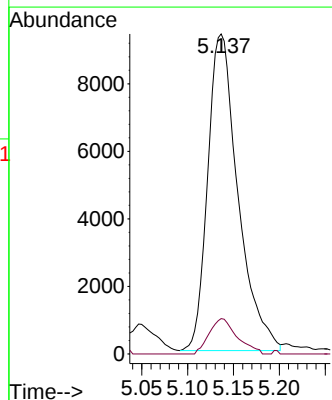
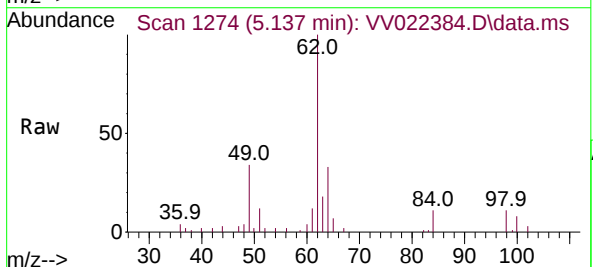
Instrument :
MSVOA_V
ClientSampled :
F4A18

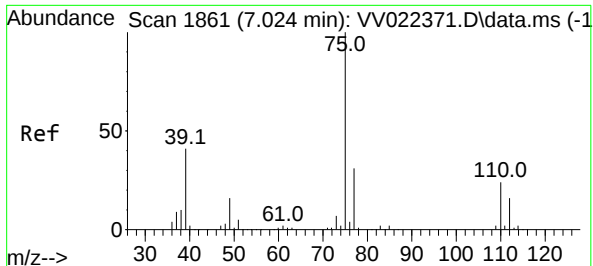
Tgt Ion: 83 Resp: 4461
Ion Ratio Lower Upper
83 100
85 69.4 46.5 86.3



#27
1,2-Dichloroethane
Concen: 8.765 ug/L
RT: 5.137 min Scan# 1274
Delta R.T. 0.013 min
Lab File: VV022384.D
Acq: 29 Sep 2021 17:43

Tgt Ion: 62 Resp: 21552
Ion Ratio Lower Upper
62 100
98 11.1 8.9 13.3



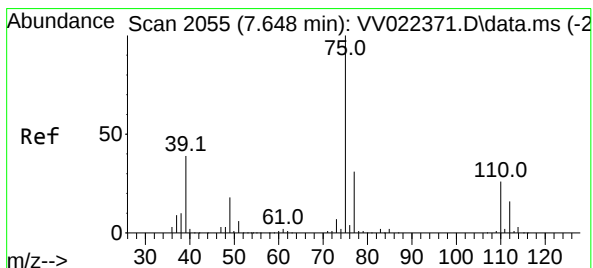
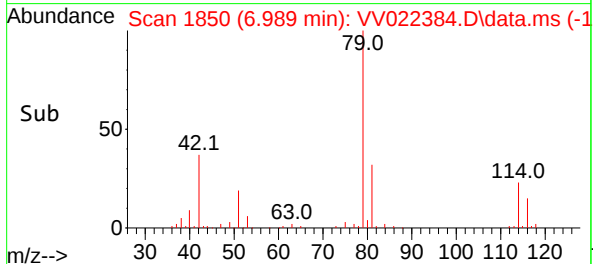
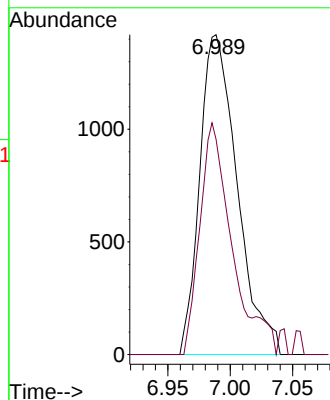
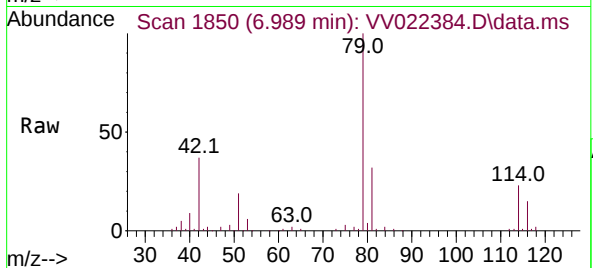


#39

cis-1,3-Dichloropropene
Concen: 1.081 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.035 min
Lab File: VV022384.D
Acq: 29 Sep 2021 17:43

Instrument :
MSVOA_V
ClientSampled :
F4A18

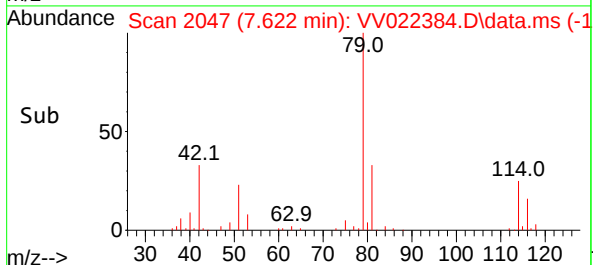
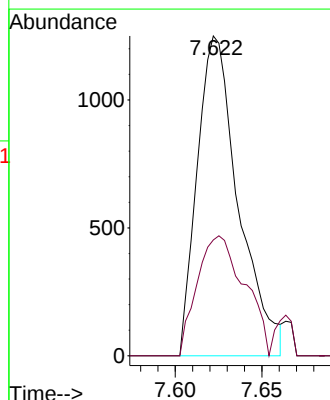
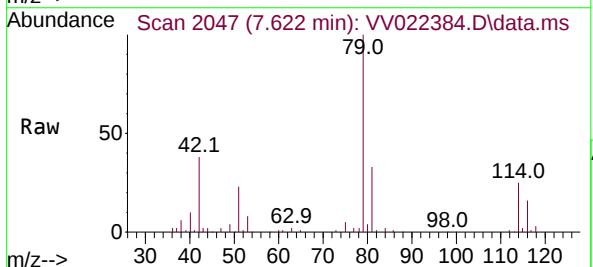
Tgt Ion: 75 Resp: 2971
Ion Ratio Lower Upper
75 100
77 67.3 22.7 42.1#

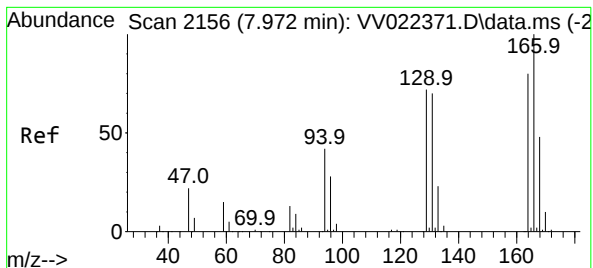


#44

trans-1,3-Dichloropropene
Concen: 0.788 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.026 min
Lab File: VV022384.D
Acq: 29 Sep 2021 17:43

Tgt Ion: 75 Resp: 2068
Ion Ratio Lower Upper
75 100
77 36.2 22.3 41.3

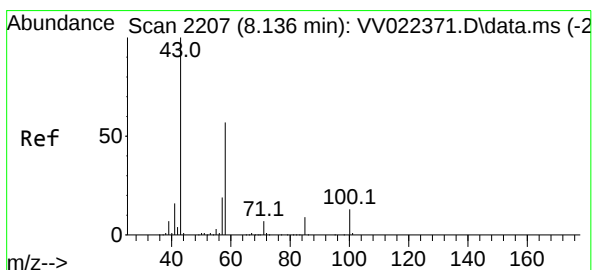
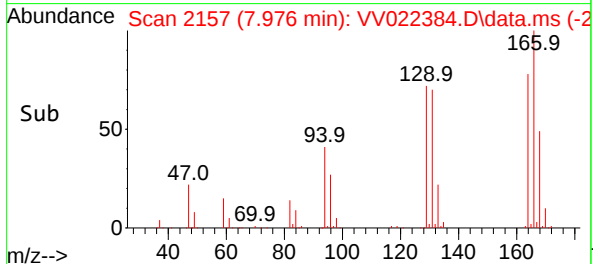
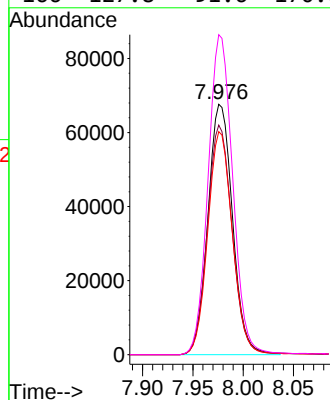
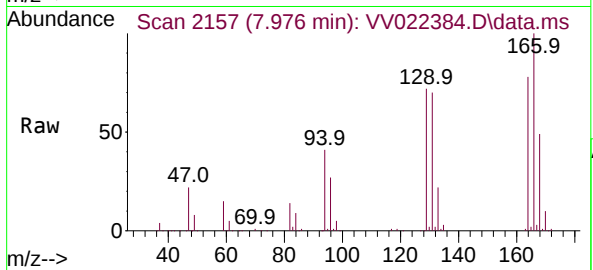




#46
Tetrachloroethene
Concen: 74.842 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV022384.D
Acq: 29 Sep 2021 17:43

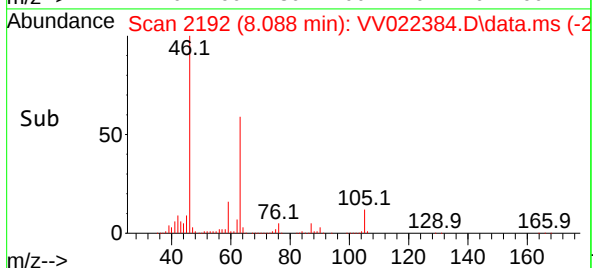
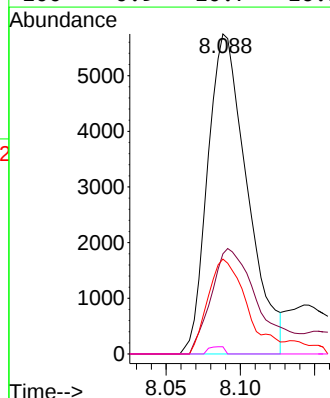
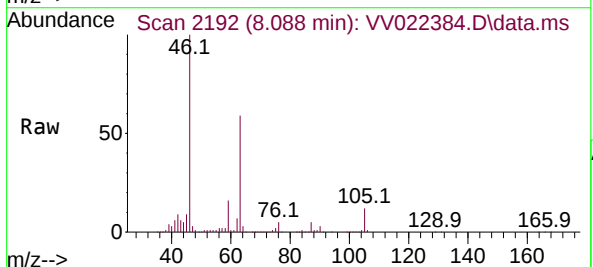
Instrument :
MSVOA_V
ClientSampled :
F4A18

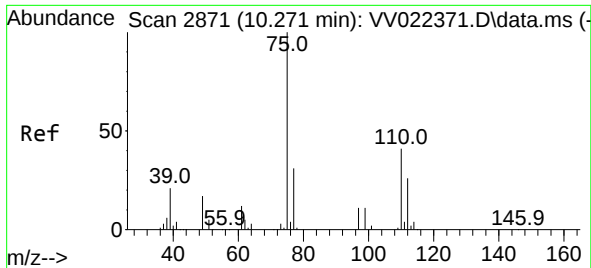
Tgt Ion:164 Resp: 115309
Ion Ratio Lower Upper
164 100
129 91.7 66.4 123.4
131 89.1 63.6 118.0
166 127.8 91.6 170.0



#48
2-Hexanone
Concen: 5.327 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. -0.048 min
Lab File: VV022384.D
Acq: 29 Sep 2021 17:43

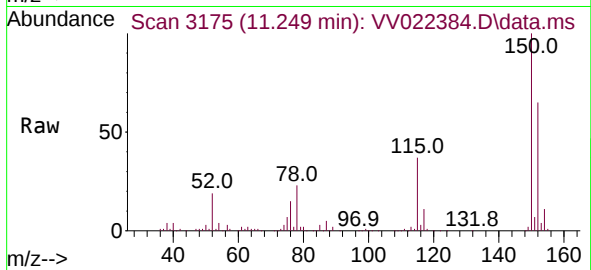
Tgt Ion: 43 Resp: 10630
Ion Ratio Lower Upper
43 100
58 40.2 45.4 68.2#
57 27.1 15.0 22.4#
100 0.9 10.7 16.1#





#61
 1,2,3-Trichloropropane
 Concen: 6.045 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.977 min
 Lab File: VV022384.D
 Acq: 29 Sep 2021 17:43

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A18



Tgt Ion:	75	Resp:	11567
Ion Ratio	Lower	Upper	
75	100		
77	31.9	25.4	38.0
110	1.9	32.6	48.8#

