

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050820\
 Data File : VV015971.D
 Acq On : 08 May 2020 17:30
 Operator : SY/MD
 Sample : L2520-12
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H41Y4

Manual Integrations
 APPROVED

apatel
 5/11/2020 12:51:31 PM

Quant Time: May 09 03:39:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 09 00:44:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	141355	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	139129	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	64525	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34617	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	1.58	69	34048	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.12	63	57446	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	3.92	46	116484	53.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.50%
24) Chloroform-d	4.38	84	85709	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.06	65	48852	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.08	84	162250	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.10	67	52351	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.34	98	147656	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
45) trans-1,3-Dichloropropene-	7.65	79	18283	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
48) 2-Hexanone-d5	8.12	63	84994	48.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.56%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	37145	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	57153	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	1693	0.156 ug/L	98
13) Acetone	2.21	43	3968m	2.750 ug/L	
14) Carbon disulfide	2.31	76	13232	0.515 ug/L #	90
25) Chloroform	4.41	83	6488	0.356 ug/L	98
34) Trichloroethene	5.94	95	13284	1.330 ug/L	96
49) Tetrachloroethene	8.00	164	64172	9.205 ug/L	99

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

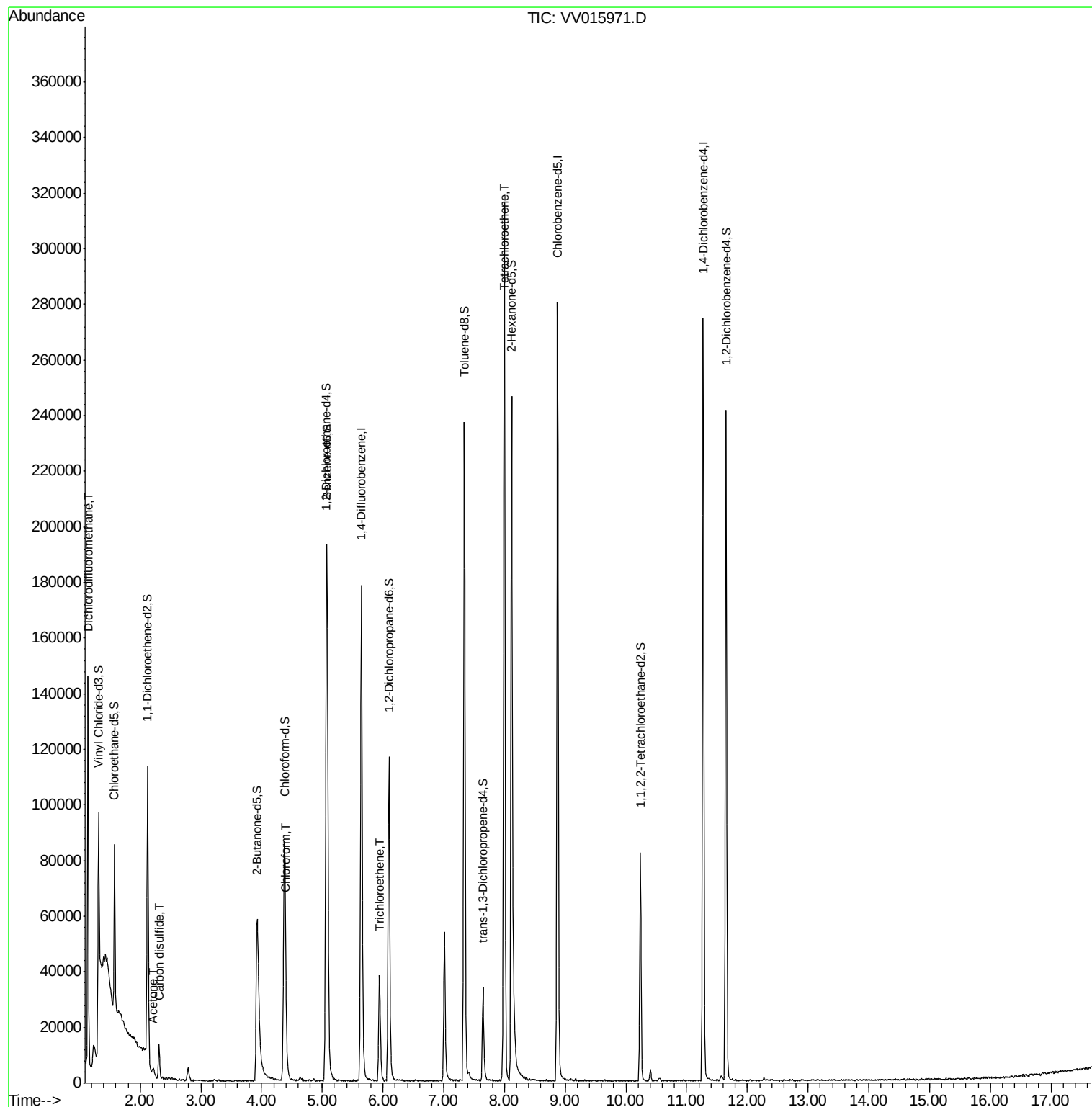
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV050820\
Data File : VV015971.D
Acq On : 08 May 2020 17:30
Operator : SY/MD
Sample : L2520-12
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 22 Sample Multiplier: 1

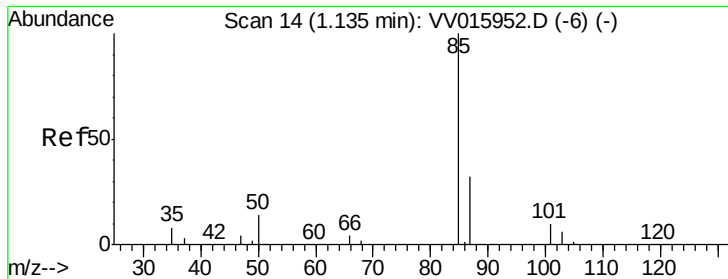
Instrument :
MSVOA_V
ClientSampleId :
H41Y4

Manual Integrations
APPROVED

apatel
5/11/2020 12:51:31 PM

Quant Time: May 09 03:39:37 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 09 00:44:25 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.156 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.01 min

Lab File: VV015971.D

Acq: 08 May 2020 17:30

Instrument :

MSVOA_V

ClientSampled :

H41Y4

Tot Ion: 85 Resp: 1693

Ion Ratio Lower Upper

85 100

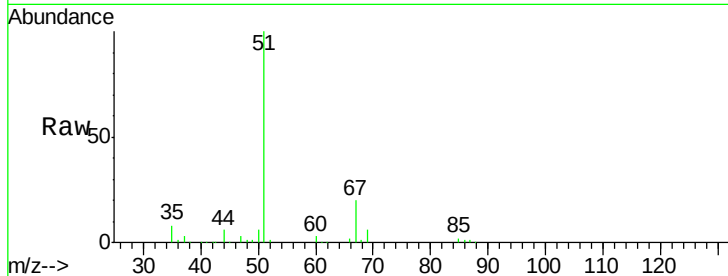
87 31.9 26.4 39.6

Manual Integrations

APPROVED

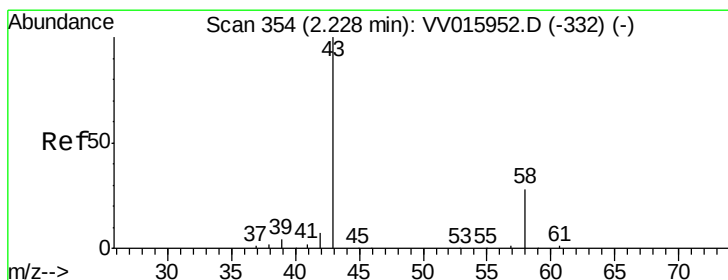
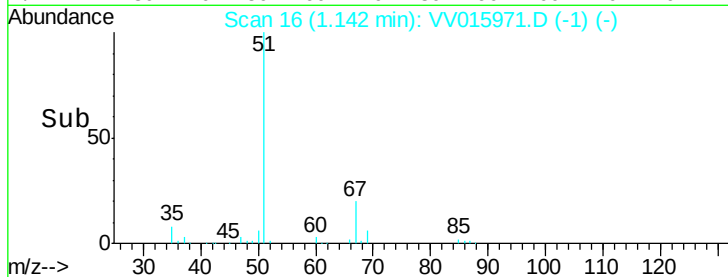
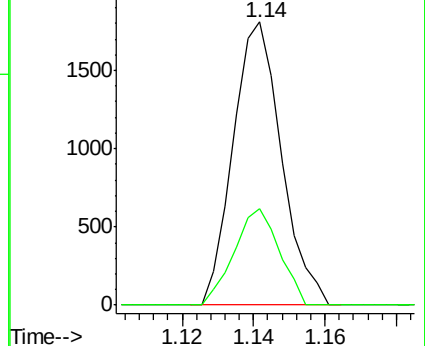
apatel

5/11/2020 12:51:31 PM



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#13

Acetone

Concen: 2.750 ug/L m

RT: 2.21 min Scan# 348

Delta R.T. -0.02 min

Lab File: VV015971.D

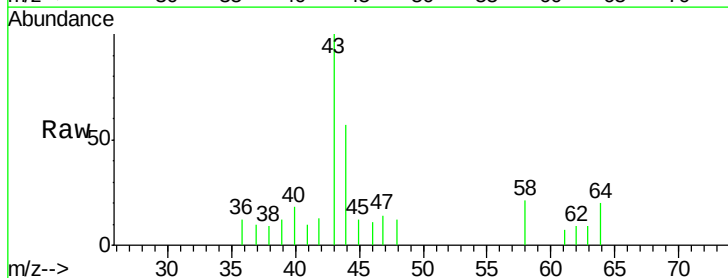
Acq: 08 May 2020 17:30

Tgt Ion: 43 Resp: 3968

Ion Ratio Lower Upper

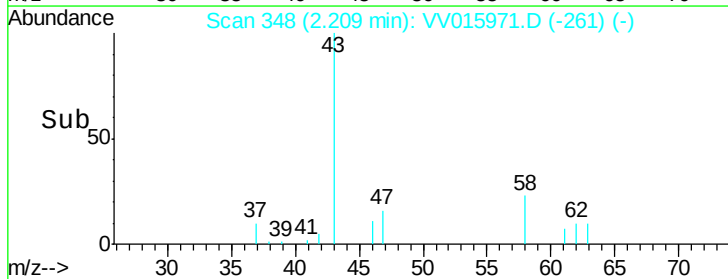
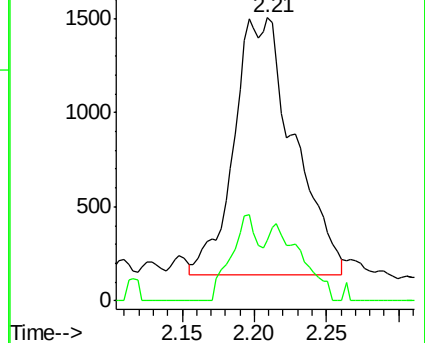
43 100

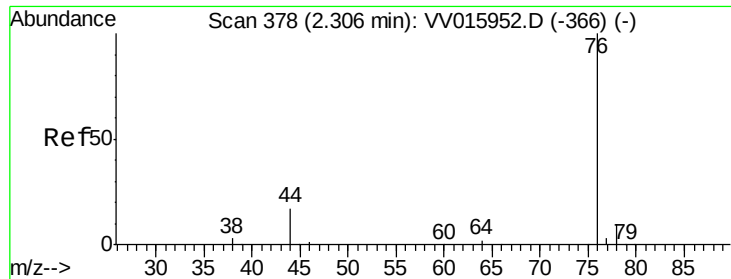
58 15.5 0.0 30.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





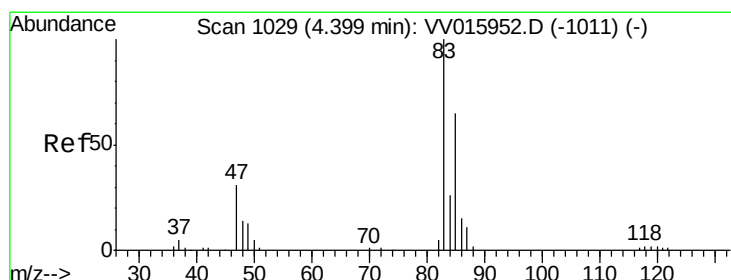
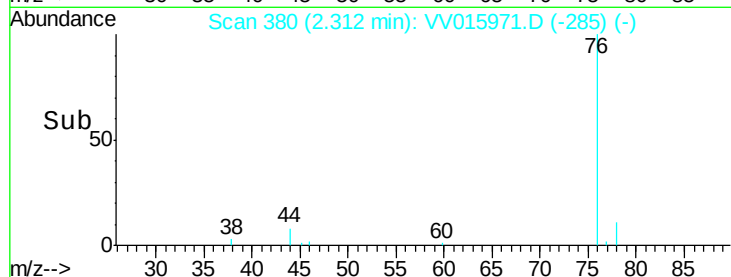
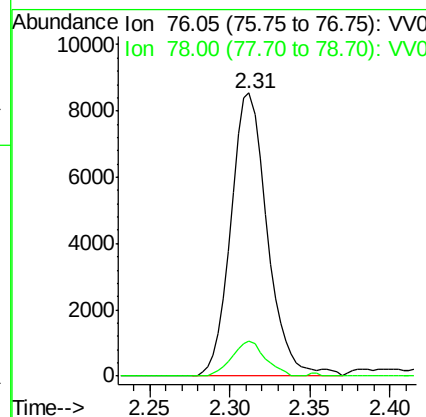
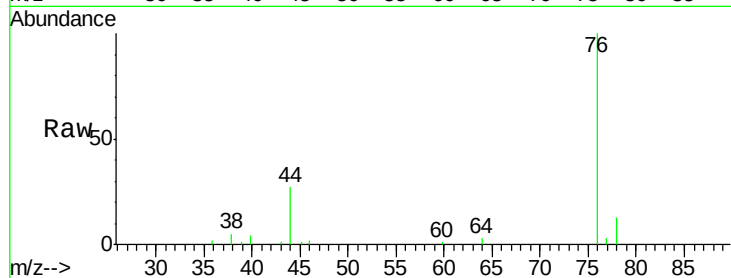
#14
Carbon disulfide
Concen: 0.515 ug/L
RT: 2.31 min Scan# 380
Delta R.T. 0.01 min
Lab File: VV015971.D
Acq: 08 May 2020 17:30

Instrument :
MSVOA_V
ClientSampled :
H41Y4

Tot Ion: 76 Resp: 13232
Ion Ratio Lower Upper
76 100
78 12.5 7.0 10.6#

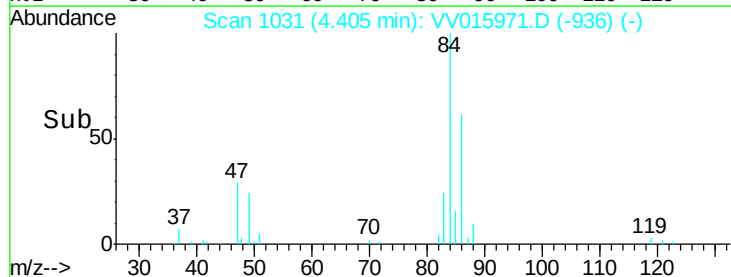
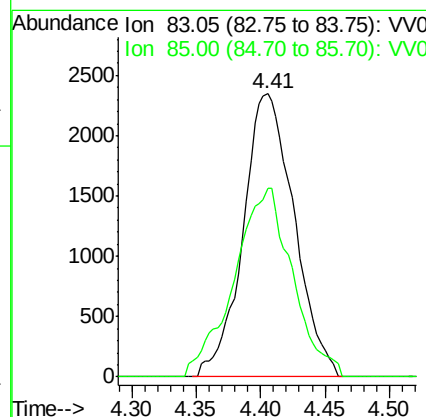
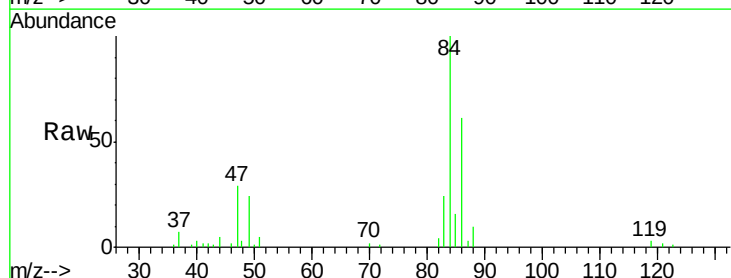
Manual Integrations
APPROVED

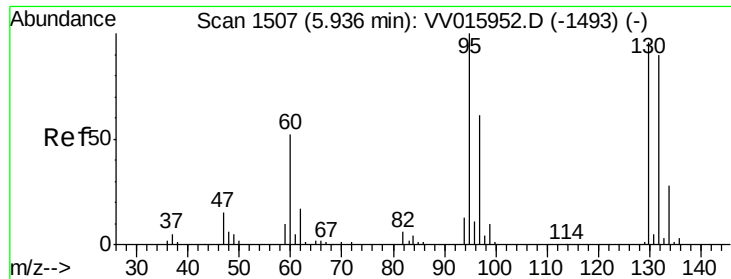
apatel
5/11/2020 12:51:31 PM



#25
Chloroform
Concen: 0.356 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV015971.D
Acq: 08 May 2020 17:30

Tgt Ion: 83 Resp: 6488
Ion Ratio Lower Upper
83 100
85 66.7 45.7 84.9





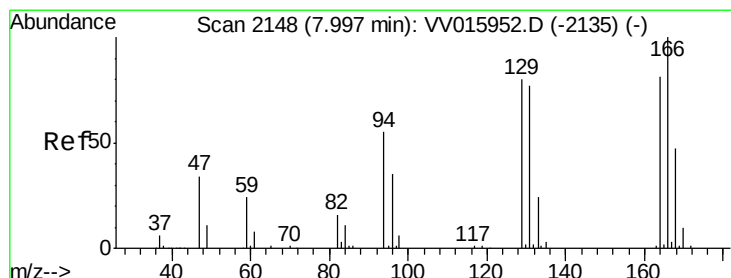
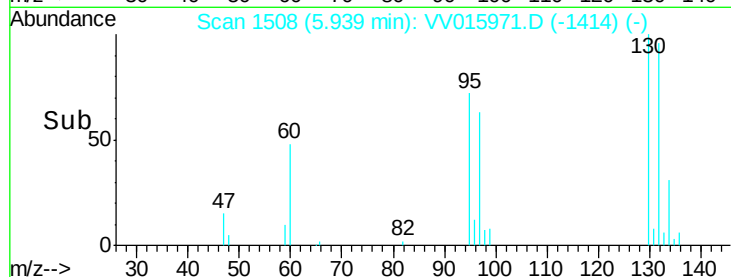
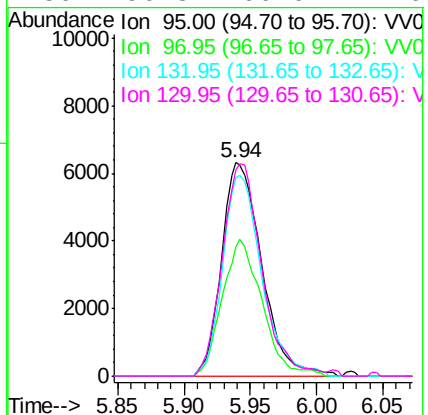
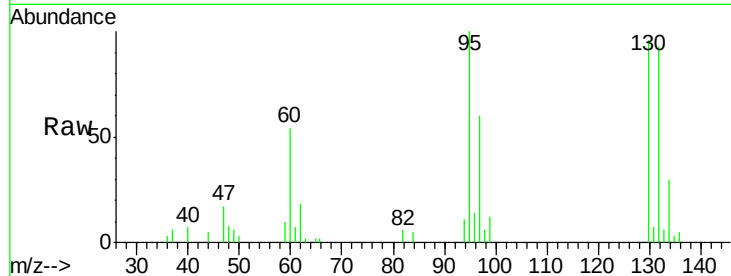
#34
 Trichloroethene
 Concen: 1.330 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV015971.D
 Acq: 08 May 2020 17:30

Instrument :
 MSVOA_V
 ClientSampleId :
 H41Y4

Tot Ion:	95	Resp:	13284
Ion	Ratio	Lower	Upper
95	100		
97	60.3	43.3	80.5
132	92.7	60.3	112.1
130	96.3	66.0	122.6

Manual Integrations
 APPROVED

apatel
 5/11/2020 12:51:31 PM



#49
 Tetrachloroethene
 Concen: 9.205 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: VV015971.D
 Acq: 08 May 2020 17:30

Tgt Ion:	164	Resp:	64172
Ion	Ratio	Lower	Upper
164	100		
129	101.0	69.7	129.4
131	97.0	66.8	124.2
166	127.4	89.1	165.5

