

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051220\
 Data File : VV016028.D
 Acq On : 12 May 2020 20:53
 Operator : SY/MD
 Sample : L2542-10
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4213

Manual Integrations
 APPROVED

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 5/13/2020 1:58:27 PM

Quant Time: May 13 08:52:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 13 06:55:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	132080	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	128489	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	58970	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	26412	3.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.80%
7) Chloroethane-d5	1.58	69	27809	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.80%
11) 1,1-Dichloroethene-d2	2.12	63	45914	2.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.60%#
20) 2-Butanone-d5	3.94	46	110088	53.86	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.72%
24) Chloroform-d	4.38	84	66673	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	5.06	65	44267	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.08	84	140329	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.10	67	46032	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.34	98	123539	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
45) trans-1,3-Dichloropropene-	7.65	79	13785	3.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.20%
48) 2-Hexanone-d5	8.12	63	74341	46.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.40%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	33607	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	48401	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	6376	0.630	ug/L 100
3) Chloromethane	1.24	50	768	0.075	ug/L 88
13) Acetone	2.23	43	4543m	3.369	ug/L
25) Chloroform	4.41	83	18449	1.083	ug/L 99
34) Trichloroethene	5.94	95	1406	0.152	ug/L 86
49) Tetrachloroethene	8.00	164	6741	1.047	ug/L 98

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

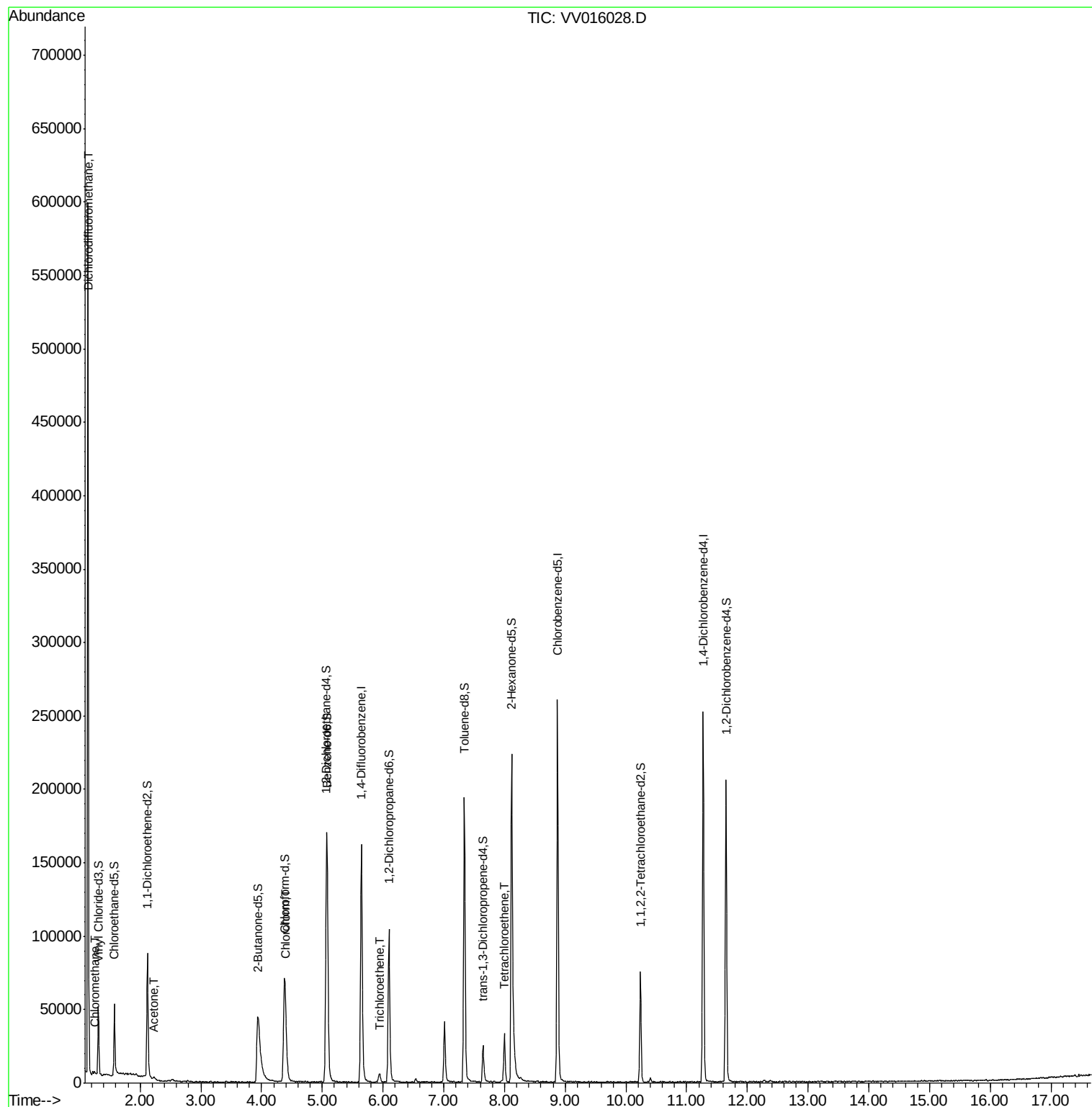
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV051220\
Data File : VV016028.D
Acq On : 12 May 2020 20:53
Operator : SY/MD
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ALS Vial : 27 Sample Multiplier: 1

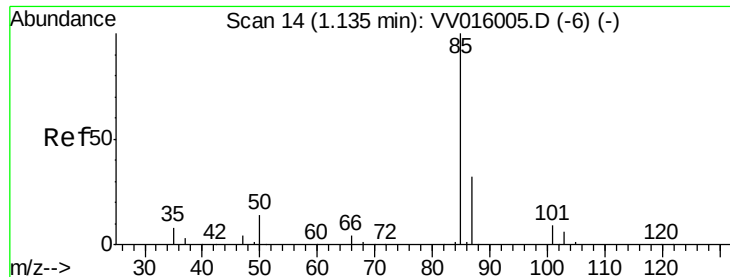
Instrument :
MSVOA_V
ClientSampleId :
H4213

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Quant Time: May 13 08:52:13 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 13 06:55:36 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.630 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.01 min

Lab File: VV016028.D

Acq: 12 May 2020 20:53

Instrument :

MSVOA_V

ClientSampleId :

H4213

Tot Ion: 85 Resp: 6376

Ion Ratio Lower Upper

85 100

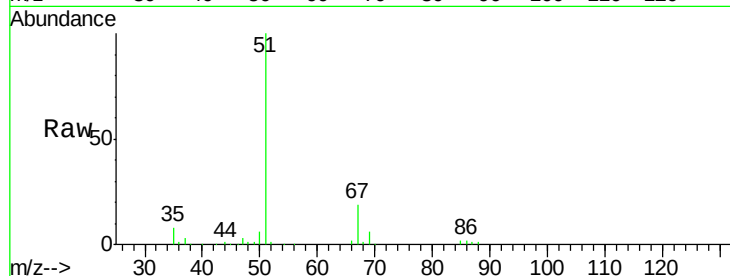
87 32.8 26.4 39.6

Manual Integrations

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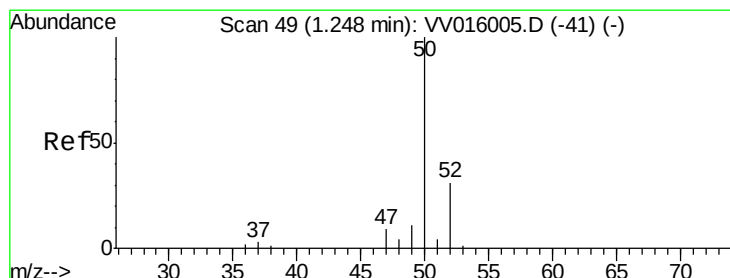
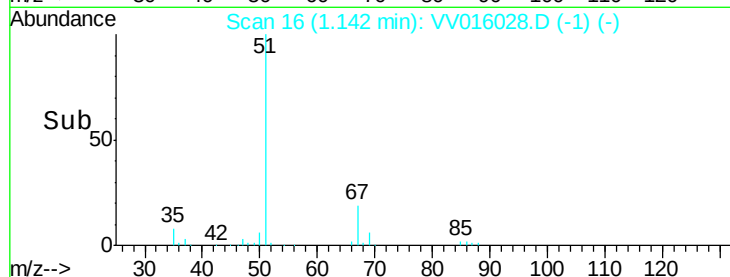
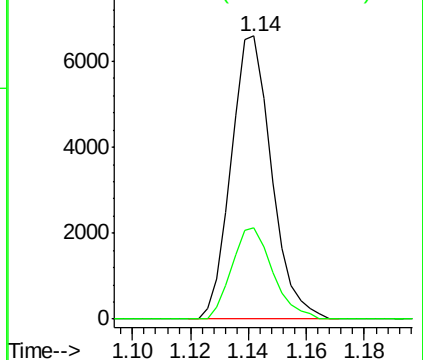
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Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#3

Chloromethane

Concen: 0.075 ug/L

RT: 1.24 min Scan# 48

Delta R.T. -0.00 min

Lab File: VV016028.D

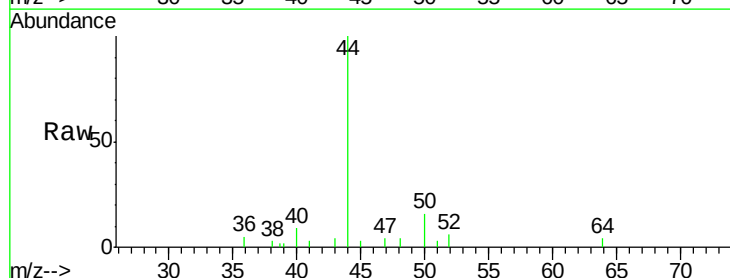
Acq: 12 May 2020 20:53

Tgt Ion: 50 Resp: 768

Ion Ratio Lower Upper

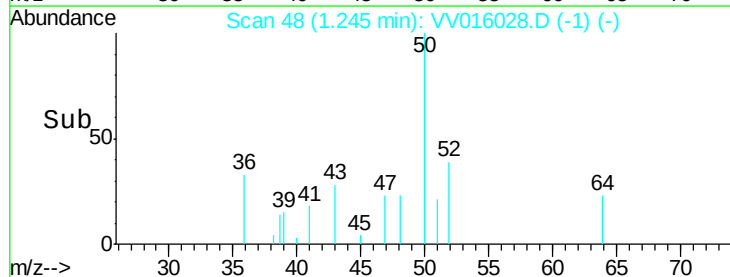
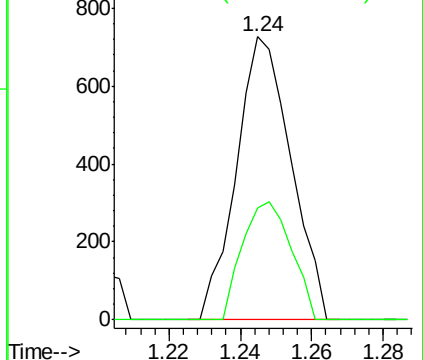
50 100

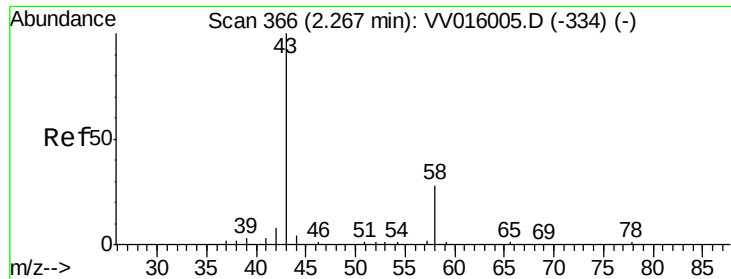
52 39.3 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0





#13

Acetone

Concen: 3.369 ug/L m

RT: 2.23 min Scan# 355

Delta R.T. -0.04 min

Lab File: VV016028.D

Acq: 12 May 2020 20:53

Instrument :

MSVOA_V

ClientSampled :

H4213

Tot Ion: 43 Resp: 4543

Ion Ratio Lower Upper

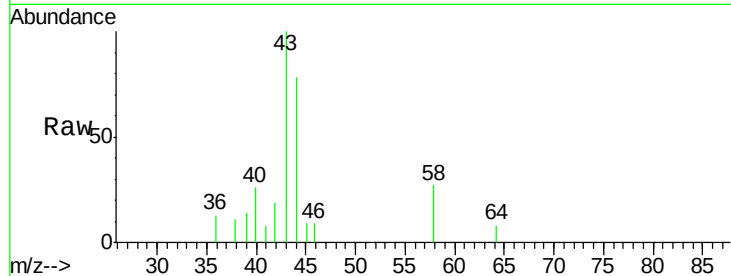
43 100

58 3.7 0.0 30.8

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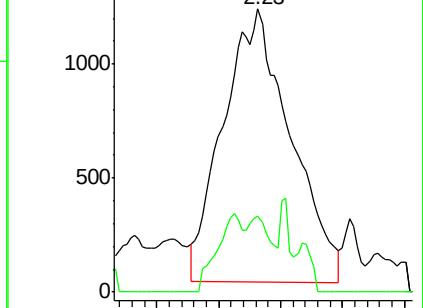
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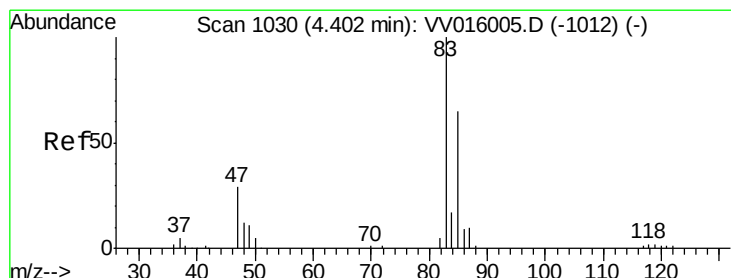
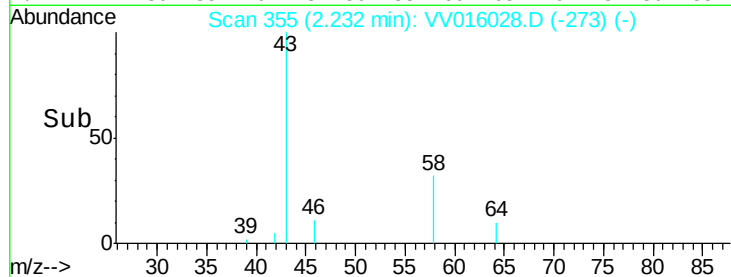


Abundance Ion 43.05 (42.75 to 43.75): VV016005.D (-334) (-)

Ion 58.05 (57.75 to 58.75): VV016005.D (-334) (-)



Time-->



#25

Chloroform

Concen: 1.083 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV016028.D

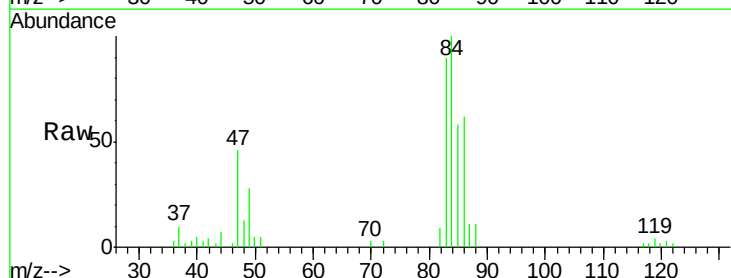
Acq: 12 May 2020 20:53

Tgt Ion: 83 Resp: 18449

Ion Ratio Lower Upper

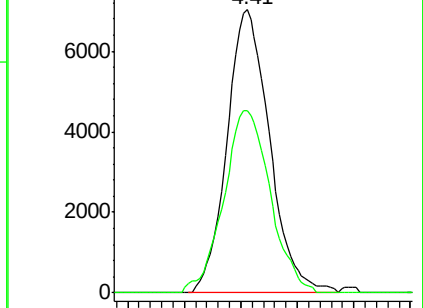
83 100

85 64.2 45.7 84.9

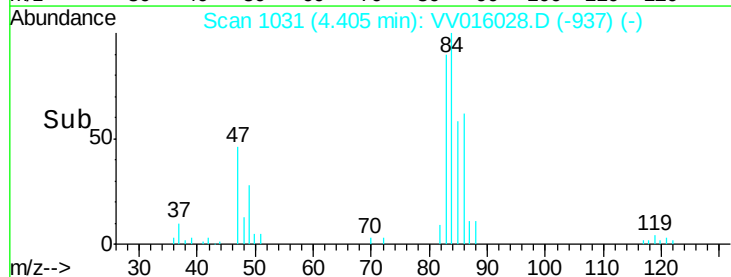


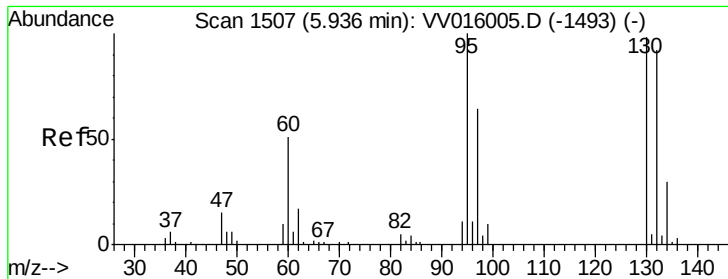
Abundance Ion 83.05 (82.75 to 83.75): VV016005.D (-1012) (-)

Ion 85.00 (84.70 to 85.70): VV016005.D (-1012) (-)



Time-->





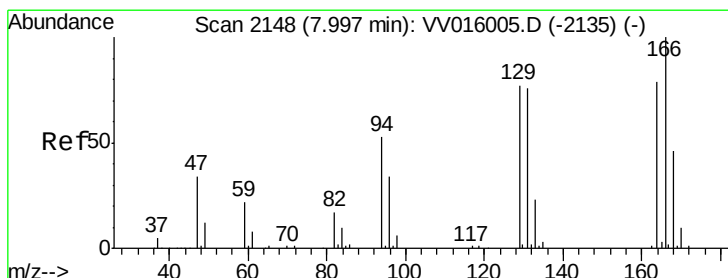
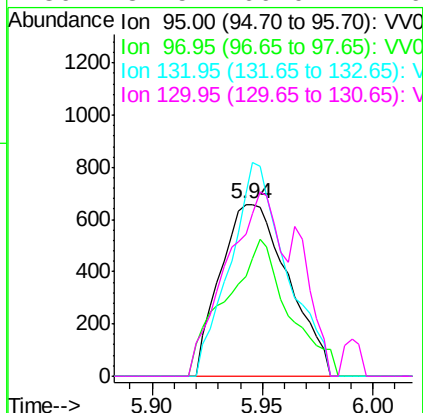
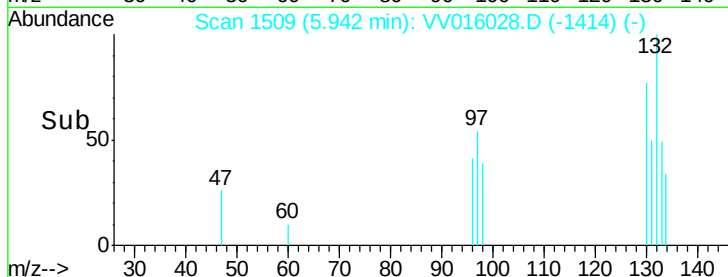
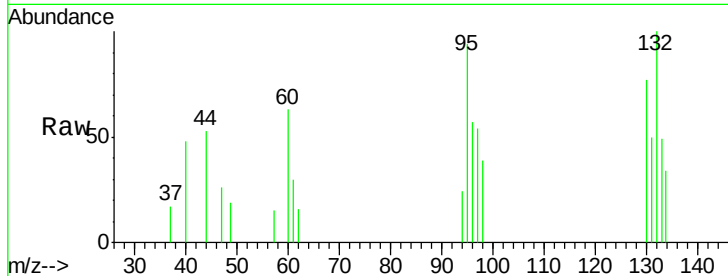
#34
 Trichloroethene
 Concen: 0.152 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV016028.D
 Acq: 12 May 2020 20:53

Instrument :
 MSVOA_V
 ClientSampleId :
 H4213

Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		1406		
97	57.7	43.3	80.5		
132	106.7	60.3	112.1		
130	82.5	66.0	122.6		

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#49
 Tetrachloroethene
 Concen: 1.047 ug/L
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: VV016028.D
 Acq: 12 May 2020 20:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		6741		
129	99.1	69.7	129.4		
131	91.0	66.8	124.2		
166	127.8	89.1	165.5		

