

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV053120\
 Data File : VV016390.D
 Acq On : 31 May 2020 16:14
 Operator : SY/MD
 Sample : L2780-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AK9

Manual Integrations
 APPROVED

MMDadoda
 6/1/2020 12:45:07 PM

Quant Time: Jun 01 08:24:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 07:14:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	71183	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	67925	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	28995	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28507	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.58	69	22521	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.13	63	45609	4.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.80%
20) 2-Butanone-d5	3.95	46	69781	51.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.80%
24) Chloroform-d	4.38	84	50085	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.06	65	27598	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.08	84	99591	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.10	67	29950	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.34	98	83955	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
45) trans-1,3-Dichloropropene-	7.65	79	9791	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
48) 2-Hexanone-d5	8.12	63	48829	48.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.64%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	21528	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	28623	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

					Ovalue
3) Chloromethane	1.25	50	1170	0.165 ug/L	94
12) 1,1-Dichloroethene	2.14	96	10641	2.323 ug/L #	34
13) Acetone	2.24	43	11746m	12.987 ug/L	
29) 1,1,1-Trichloroethane	4.63	97	1066	0.133 ug/L	98
34) Trichloroethene	5.94	95	7451	1.413 ug/L	96
49) Tetrachloroethene	8.00	164	2342	0.606 ug/L	94

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

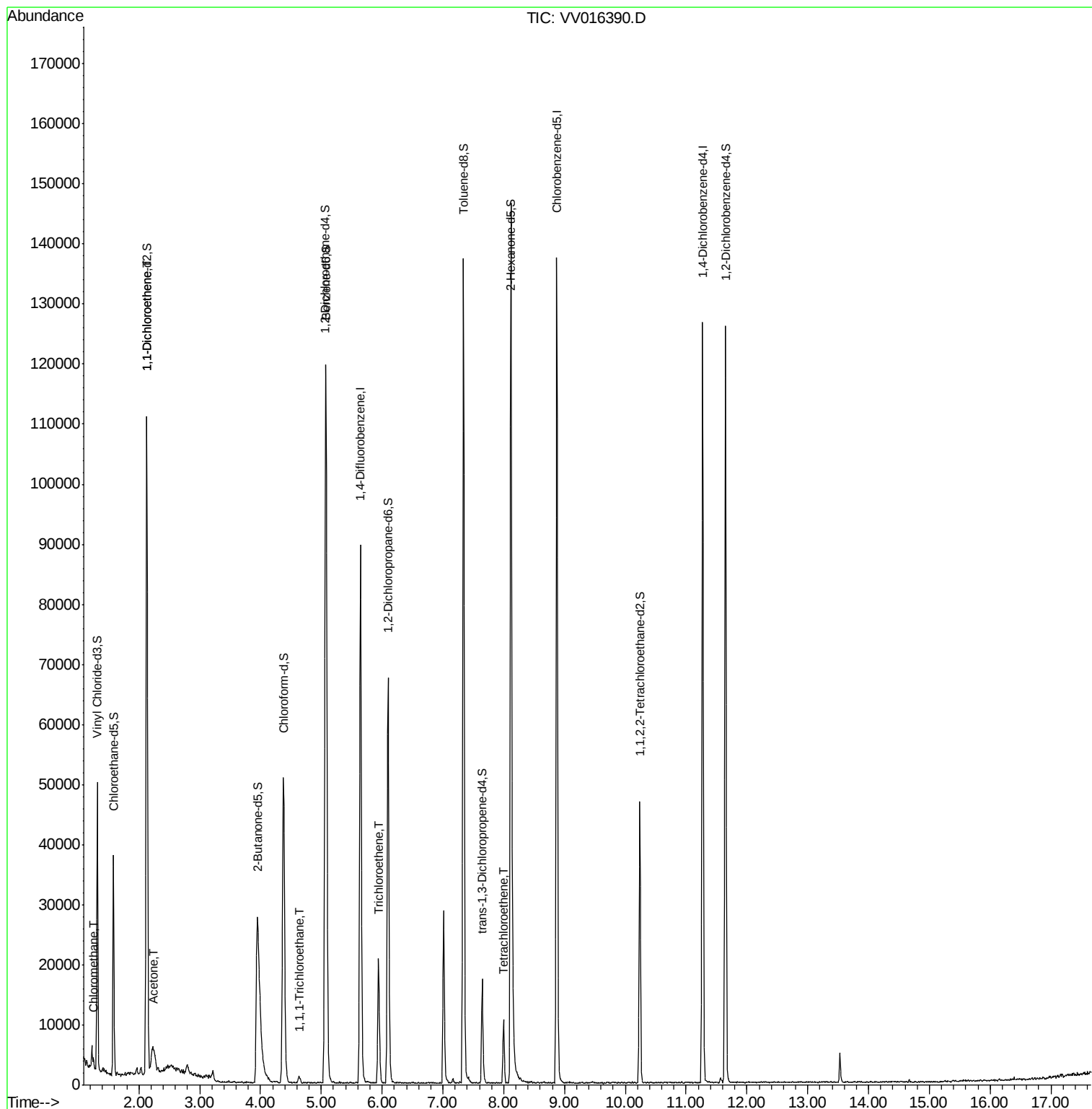
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV053120\
Data File : VV016390.D
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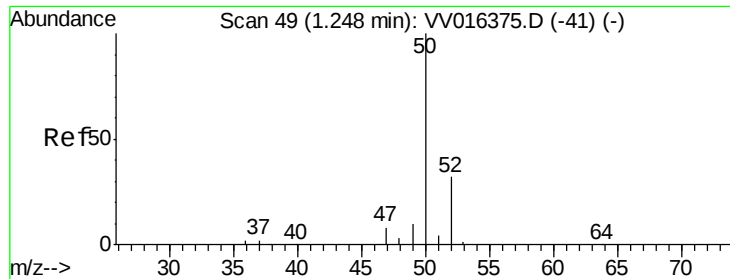
Instrument :
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ClientSampleId :
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Quant Time: Jun 01 08:24:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 01 07:14:30 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.165 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV016390.D

Acq: 31 May 2020 16:14

Instrument :

MSVOA_V

ClientSampleId :

C0AK9

Tot Ion: 50 Resp: 1170

Ion Ratio Lower Upper

50 100

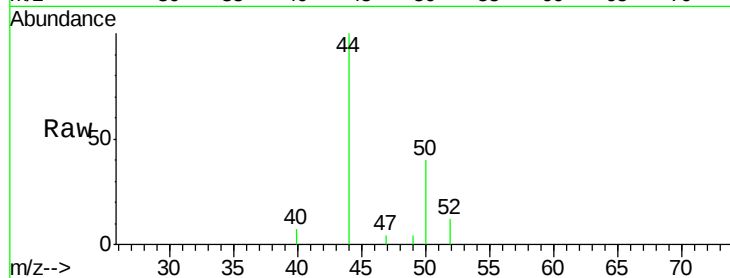
52 29.6 23.1 42.9

Manual Integrations

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Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0

1200

1000

800

600

400

200

0

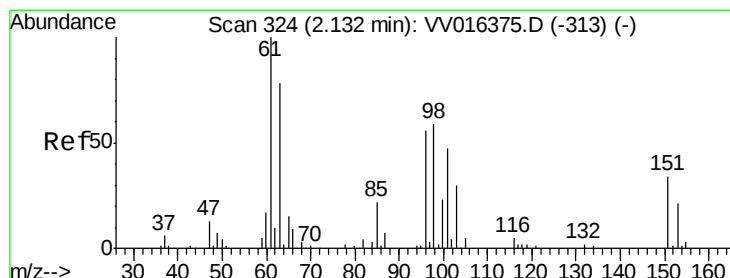
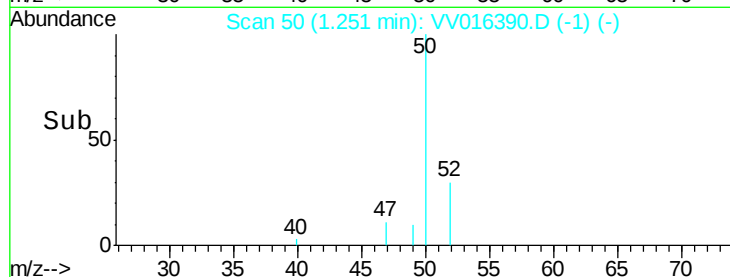
1.22

1.24

1.26

1.28

Time-->



#12

1,1-Dichloroethene

Concen: 2.323 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV016390.D

Acq: 31 May 2020 16:14

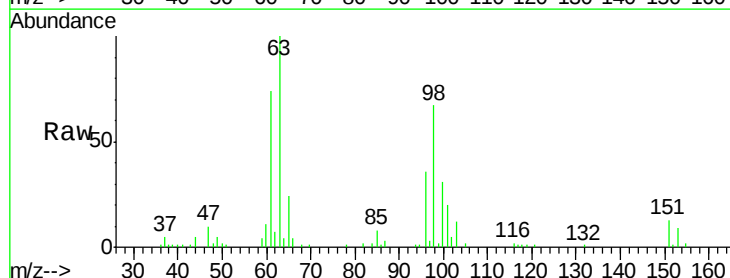
Tgt Ion: 96 Resp: 10641

Ion Ratio Lower Upper

96 100

61 204.8 125.4 233.0

63 278.4 88.2 163.8#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

40000

30000

20000

10000

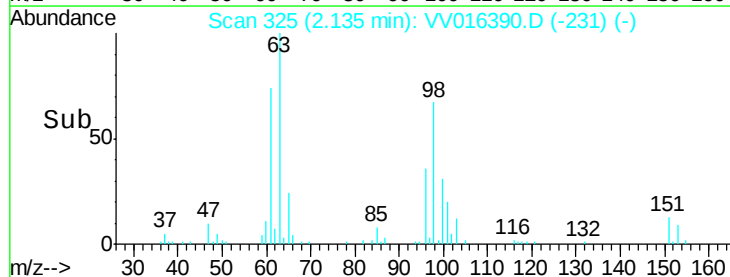
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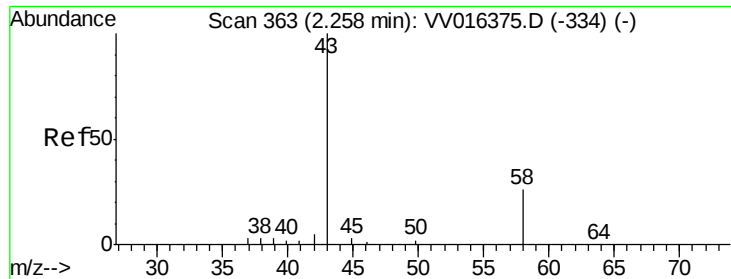
2.10

2.15

2.20

Time-->





#13

Acetone

Concen: 12.987 ug/L m

RT: 2.24 min Scan# 359

Delta R.T. -0.01 min

Lab File: VV016390.D

Acq: 31 May 2020 16:14

Instrument :

MSVOA_V

ClientSampled :

C0AK9

Tot Ion: 43 Resp: 11746

Ion Ratio Lower Upper

43 100

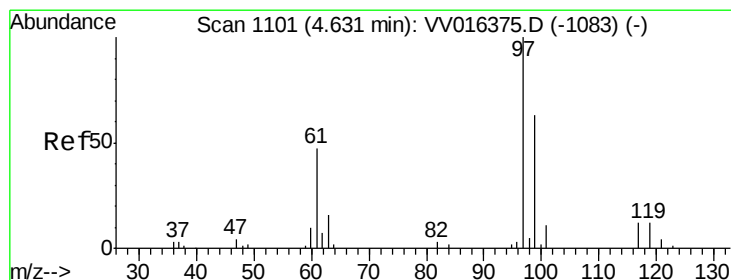
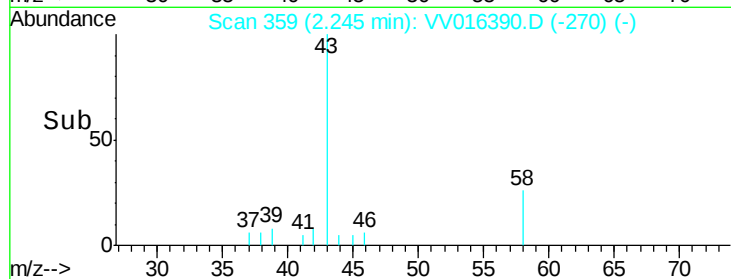
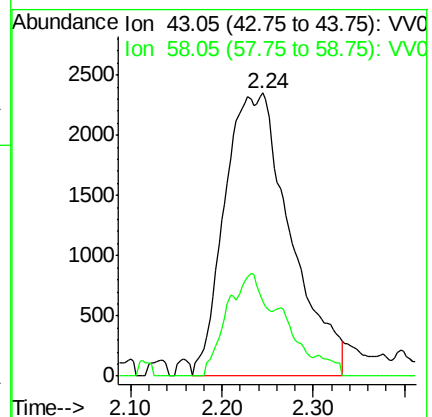
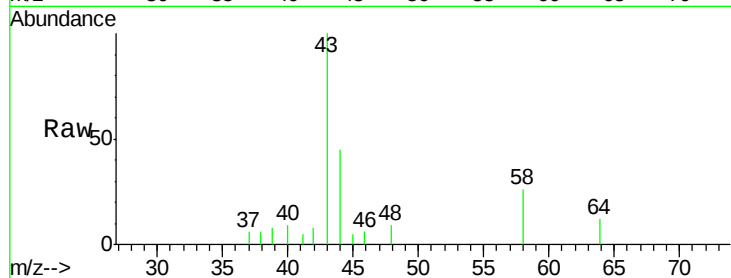
58 21.2 0.0 59.2

Manual Integrations

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#29

1,1,1-Trichloroethane

Concen: 0.133 ug/L

RT: 4.63 min Scan# 1101

Delta R.T. -0.00 min

Lab File: VV016390.D

Acq: 31 May 2020 16:14

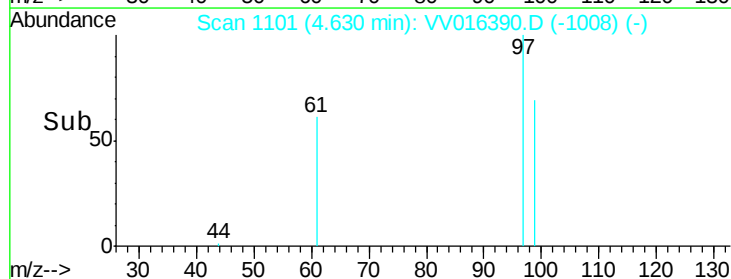
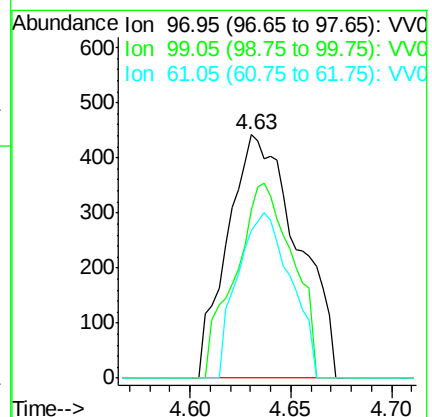
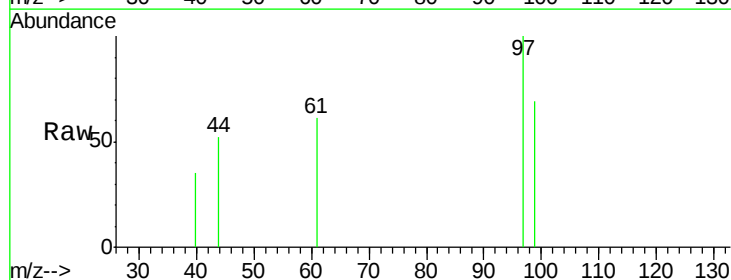
Tgt Ion: 97 Resp: 1066

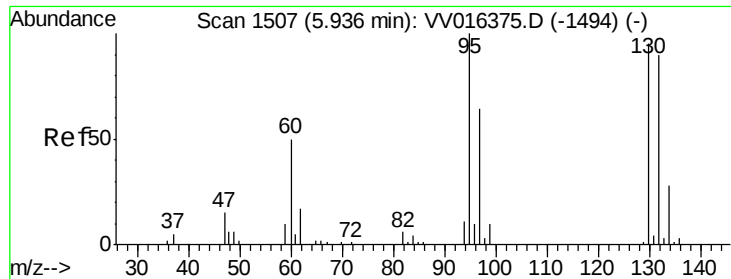
Ion Ratio Lower Upper

97 100

99 66.0 52.0 78.0

61 52.0 39.8 59.6





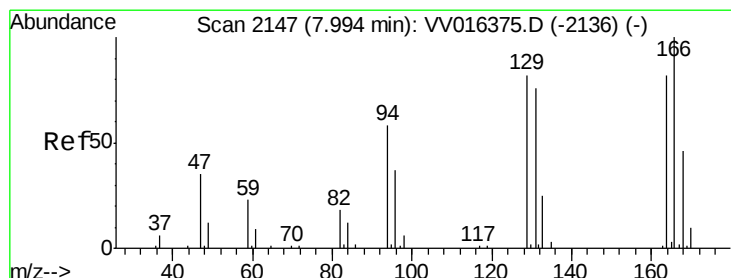
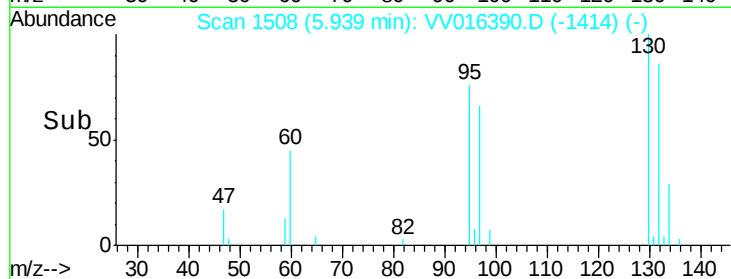
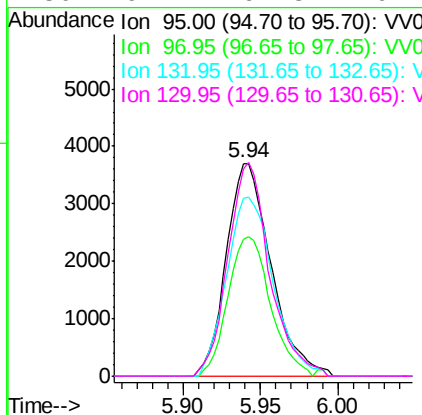
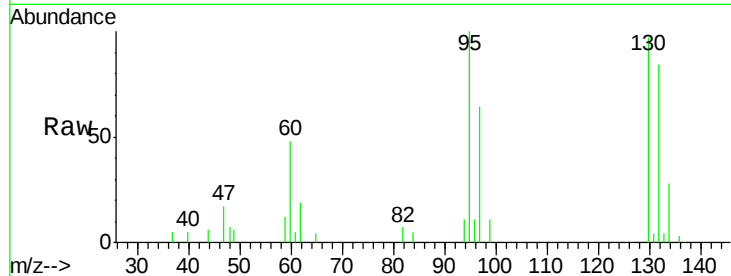
#34
 Trichloroethene
 Concen: 1.413 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV016390.D
 Acq: 31 May 2020 16:14

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AK9

Tot Ion:	95	Resp:	7451
Ion	Ratio	Lower	Upper
95	100		
97	64.1	42.6	79.0
132	83.9	59.6	110.8
130	97.4	64.8	120.4

Manual Integrations
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#49
 Tetrachloroethene
 Concen: 0.606 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV016390.D
 Acq: 31 May 2020 16:14

Tgt Ion:	164	Resp:	2342
Ion	Ratio	Lower	Upper
164	100		
129	98.9	72.2	134.0
131	88.3	65.8	122.2
166	116.3	88.3	163.9

