

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112219\
 Data File : VV013740.D
 Acq On : 22 Nov 2019 17:48
 Operator : SY/MD
 Sample : K5941-12
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 B0AC4

Manual Integrations
 APPROVED

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 11/26/2019 12:53:40 PM

Quant Time: Nov 23 02:58:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 23 01:35:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	347318	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	338023	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	149771	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	108841	5.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.20%
7) Chloroethane-d5	1.58	69	96825	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.00%
11) 1,1-Dichloroethene-d2	2.13	63	148245	4.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.00%
20) 2-Butanone-d5	3.92	46	233306	52.21	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.42%
24) Chloroform-d	4.40	84	212223	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.08	65	106260	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.10	84	429409	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.11	67	131784	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.36	98	370224	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	7.66	79	47175	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.13	63	164025	43.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.92%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	87980	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	152456	5.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.40%

Target Compounds

					Ovalue
3) Chloromethane	1.25	50	3365	0.166 ug/L	98
13) Acetone	2.19	43	27011m	8.643 ug/L	
14) Carbon disulfide	2.32	76	9503	0.247 ug/L	99
16) Methylene chloride	2.54	84	5416	0.237 ug/L	96
25) Chloroform	4.42	83	49951	1.252 ug/L	96
34) Trichloroethene	5.96	95	10849	0.474 ug/L	93
42) Toluene	7.43	91	8449	0.095 ug/L	94

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

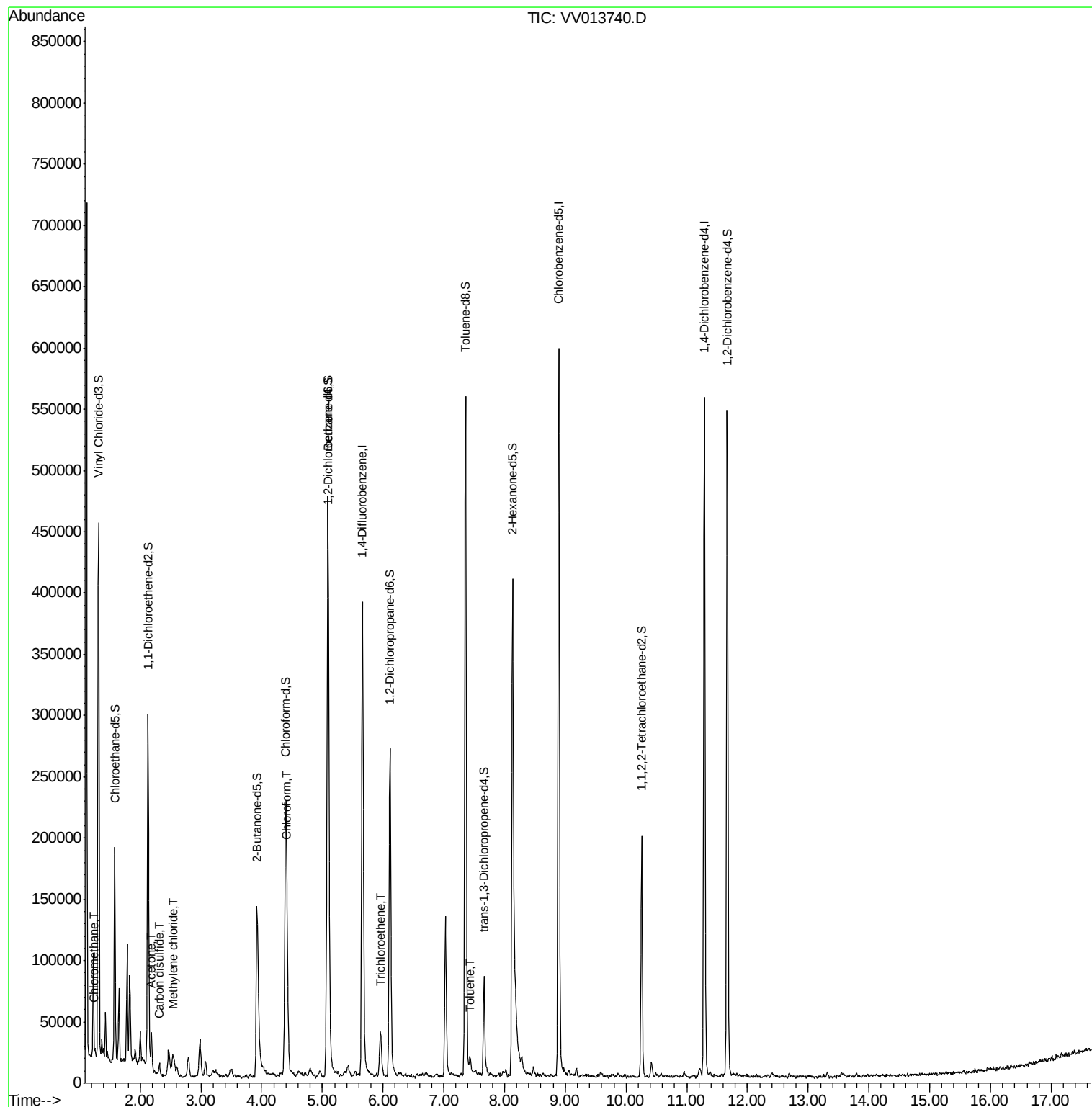
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV112219\
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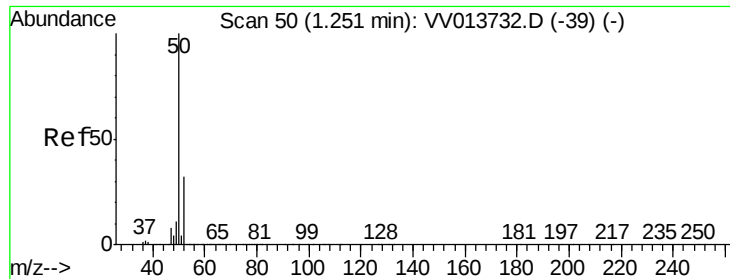
Instrument :
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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 23 01:35:18 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.166 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV013740.D

Acq: 22 Nov 2019 17:48

Instrument :

MSVOA_V

ClientSampleId :

B0AC4

Tot Ion: 50 Resp: 3365

Ion Ratio Lower Upper

50 100

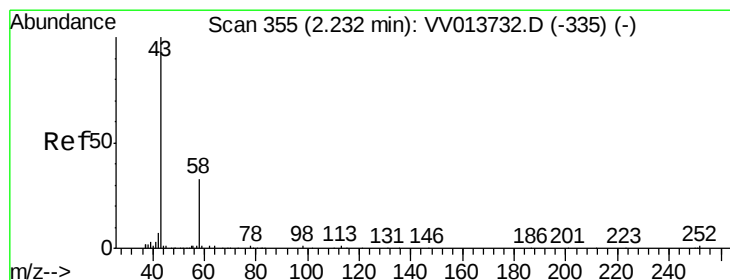
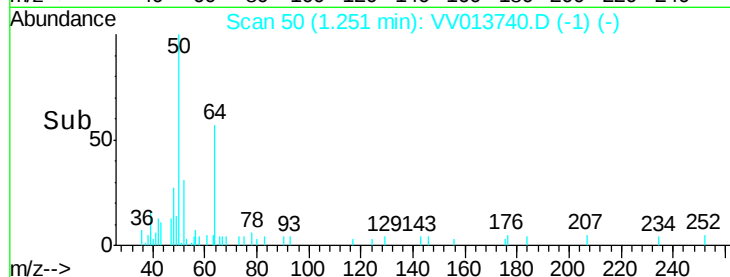
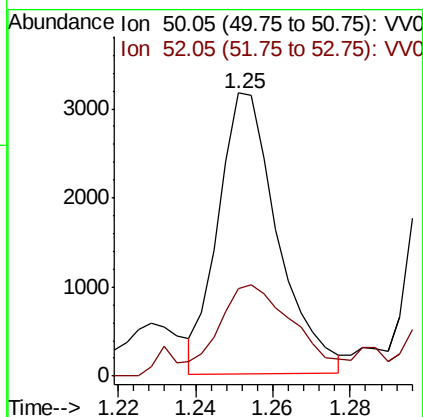
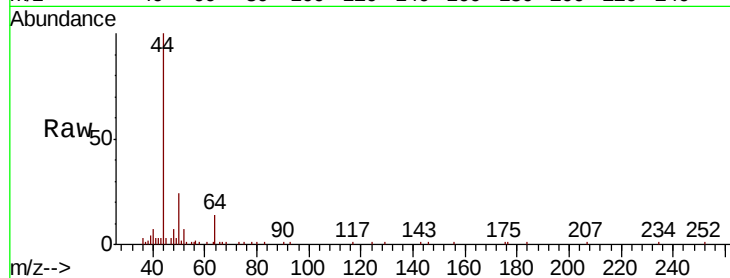
52 30.8 22.5 41.7

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#13

Acetone

Concen: 8.643 ug/L m

RT: 2.19 min Scan# 341

Delta R.T. -0.05 min

Lab File: VV013740.D

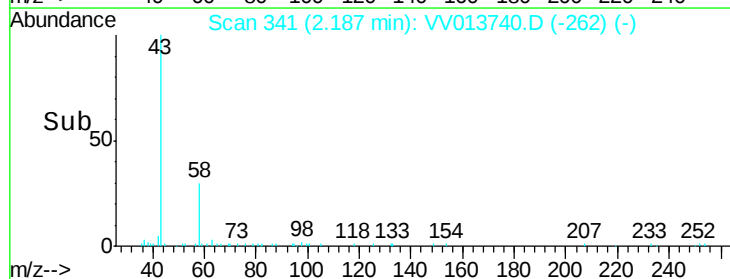
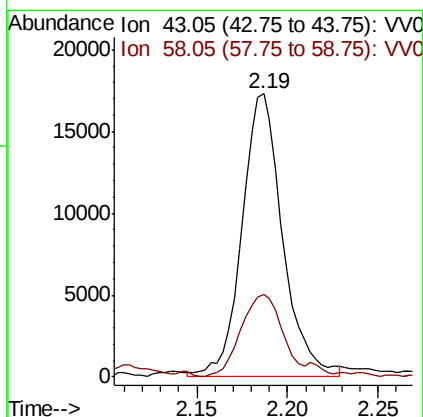
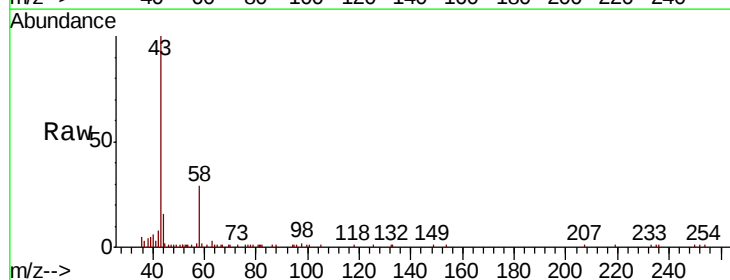
Acq: 22 Nov 2019 17:48

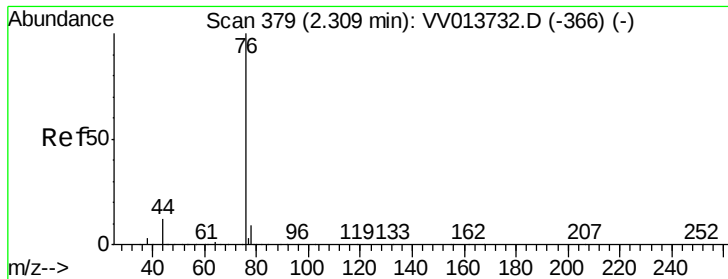
Tgt Ion: 43 Resp: 27011

Ion Ratio Lower Upper

43 100

58 0.9 0.0 27.2





#14

Carbon disulfide

Concen: 0.247 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VV013740.D

Acq: 22 Nov 2019 17:48

Instrument :

MSVOA_V

ClientSampled :

B0AC4

Tot Ion: 76 Resp: 9503

Ion Ratio Lower Upper

76 100

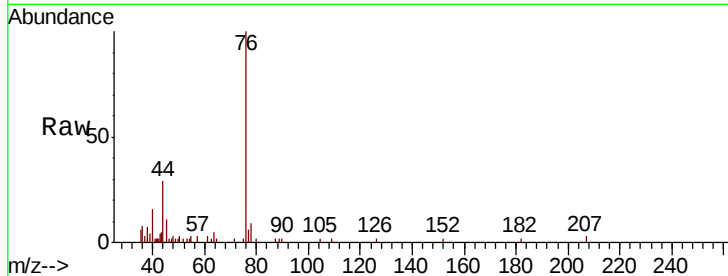
78 8.9 7.5 11.3

Manual Integrations

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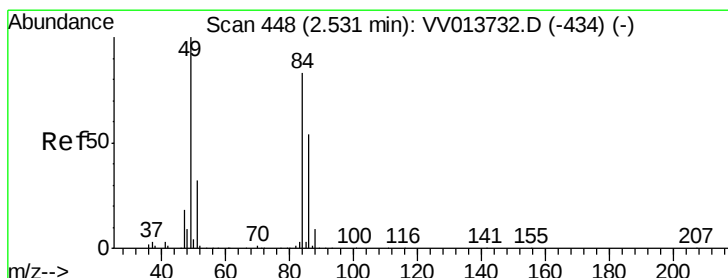
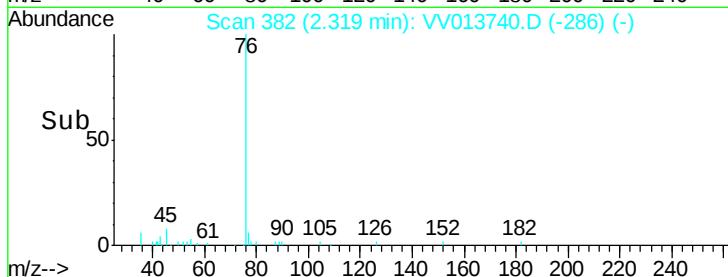
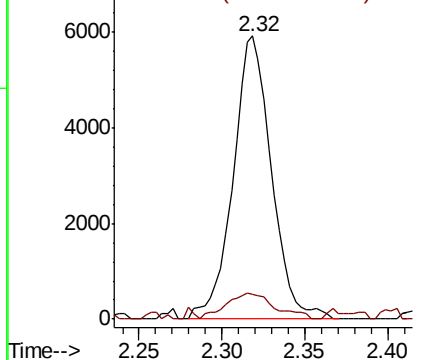
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Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



#16

Methylene chloride

Concen: 0.237 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.01 min

Lab File: VV013740.D

Acq: 22 Nov 2019 17:48

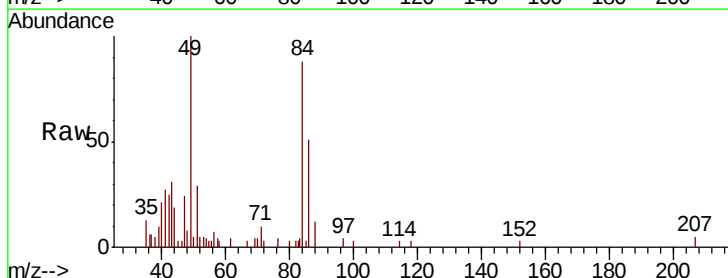
Tgt Ion: 84 Resp: 5416

Ion Ratio Lower Upper

84 100

86 57.7 44.0 81.6

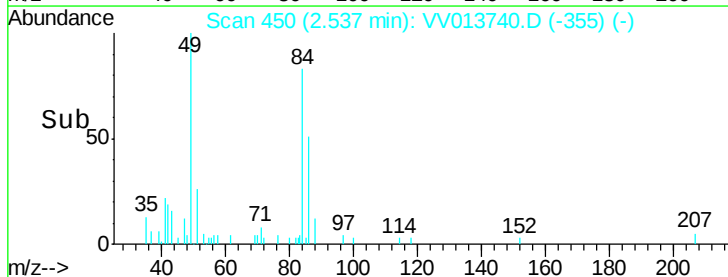
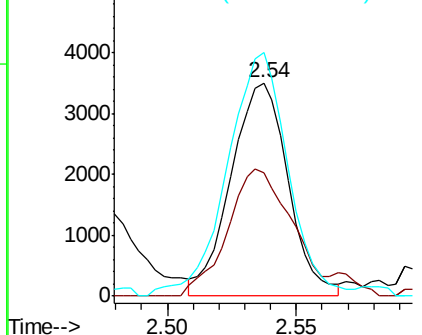
49 114.3 81.5 151.5

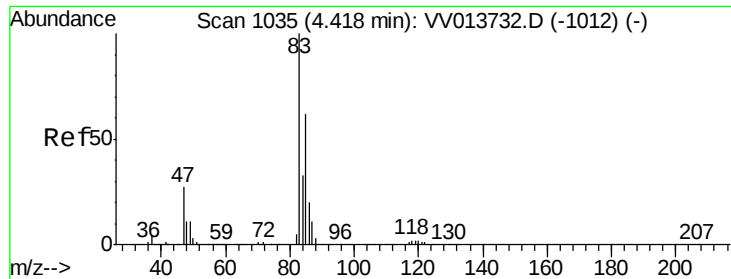


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0





#25

Chloroform

Concen: 1.252 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VV013740.D

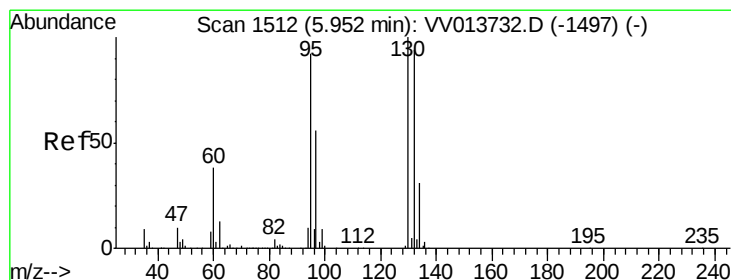
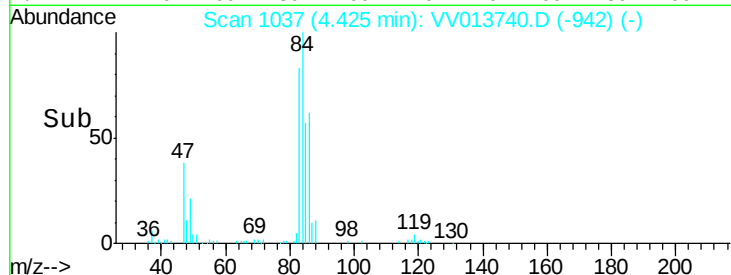
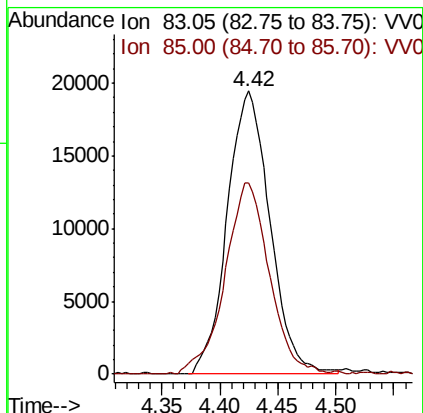
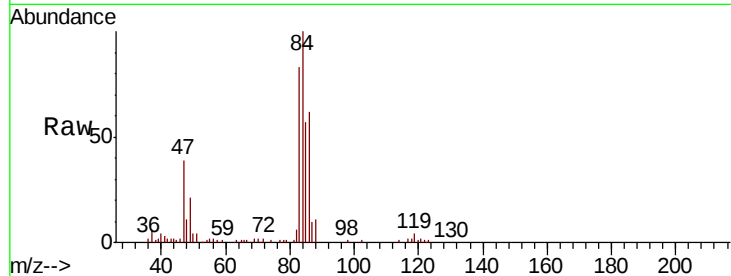
Acq: 22 Nov 2019 17:48

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Tot Ion	83	Resp	49951
Ion Ratio	100	Lower	Upper
83	100		
85	67.7	45.1	83.7

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#34

Trichloroethene

Concen: 0.474 ug/L

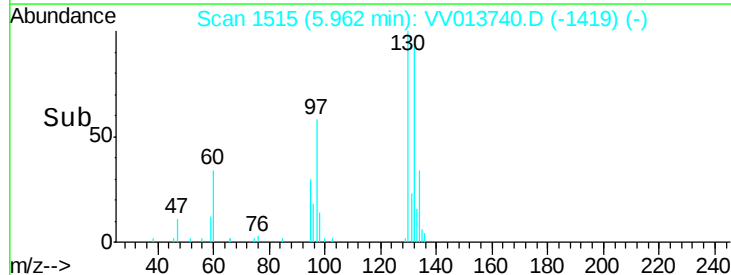
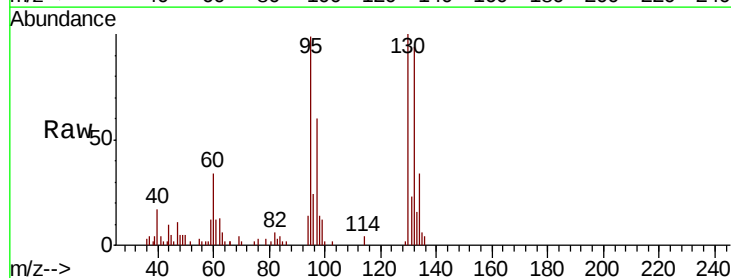
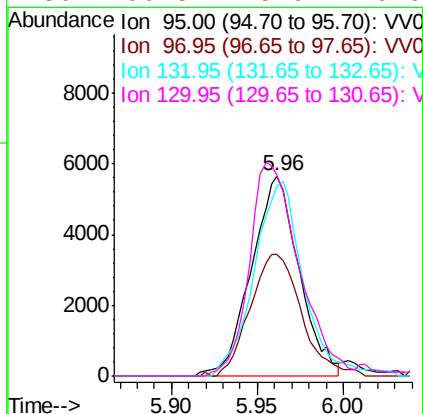
RT: 5.96 min Scan# 1515

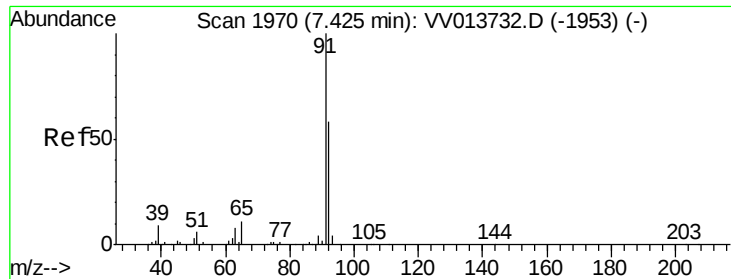
Delta R.T. 0.01 min

Lab File: VV013740.D

Acq: 22 Nov 2019 17:48

Tgt Ion	95	Resp	10849
Ion Ratio	100	Lower	Upper
95	100		
97	60.5	45.6	84.8
132	94.8	70.5	130.9
130	100.5	75.9	140.9





#42

Toluene

Concen: 0.095 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.01 min

Lab File: VV013740.D

Acq: 22 Nov 2019 17:48

Instrument :
MSVOA_V
ClientSampleId :
B0AC4

Tot Ion: 91 Resp: 8449

Ion Ratio Lower Upper

91 100

92 54.3 41.1 76.3

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