

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103019\
 Data File : VV013434.D
 Acq On : 30 Oct 2019 16:15
 Operator : SY/MD
 Sample : K5597-18
 Misc : 25.0ML/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQE7

Manual Integrations
 APPROVED

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 10/31/2019 11:07:16 AM

Quant Time: Nov 15 00:05:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 31 02:41:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	321629	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	334159	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	174980	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	124322	4.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.00%
7) Chloroethane-d5	1.58	69	115399	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.13	63	164423	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	3.95	46	390743	56.15	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.30%
24) Chloroform-d	4.40	84	292445	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.08	65	154778	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.10	84	577746	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.11	67	187043	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.36	98	473829	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	7.66	79	62479	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.13	63	230783	53.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.08%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	126457	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	191530	5.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.14	85	6400	0.148	ug/L	99
13) Acetone	2.21	43	6873	2.021	ug/L	80
14) Carbon disulfide	2.32	76	4919	0.066	ug/L #	80
25) Chloroform	4.42	83	74489	1.170	ug/L	99
30) Cyclohexane	4.73	56	10266m	0.198	ug/L	
31) Carbon tetrachloride	4.88	117	13557	0.302	ug/L	93
33) Benzene	5.15	78	34387	0.275	ug/L	100
35) Methylcyclohexane	6.16	83	5599	0.110	ug/L #	61
42) Toluene	7.43	91	11343	0.087	ug/L	96
47) Tetrachloroethene	8.02	164	64334	2.215	ug/L	96
53) m,p-xylene	9.18	106	8245	0.162	ug/L	90

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

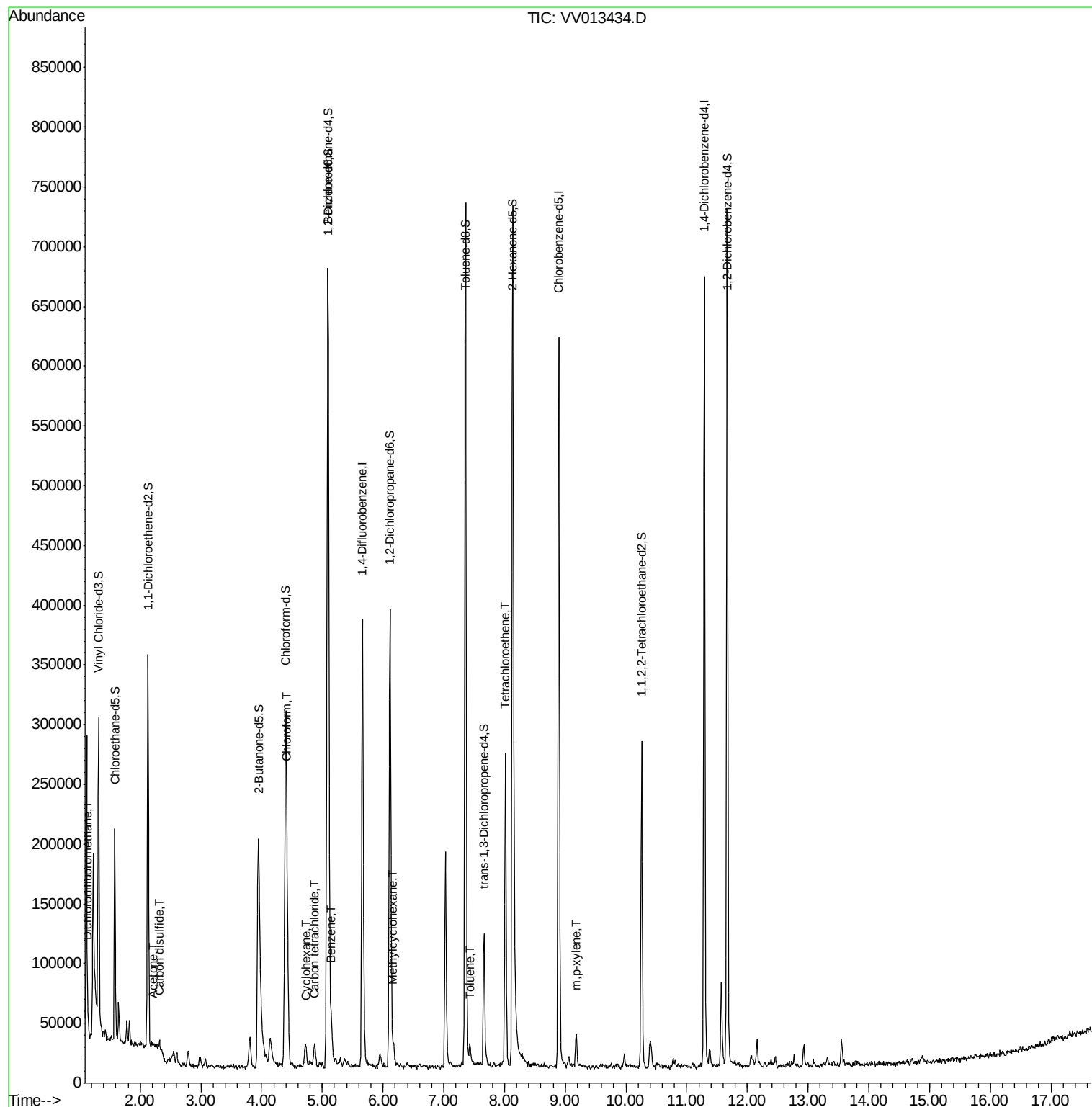
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV103019\
Data File : VV013434.D
Acq On : 30 Oct 2019 16:15
Operator : SY/MD
Sample : K5597-18
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

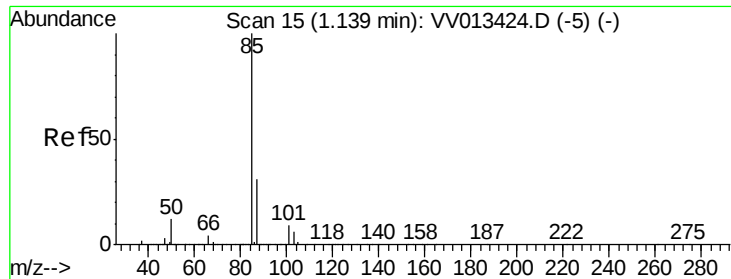
Instrument :
MSVOA_V
ClientSampleId :
GAQE7

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Quant Time: Nov 15 00:05:23 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 31 02:41:56 2019
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.148 ug/L

RT: 1.14 min Scan# 15

Delta R.T. 0.00 min

Lab File: VV013434.D

Acq: 30 Oct 2019 16:15

Instrument :

MSVOA_V

ClientSampleId :

GAQE7

Tgt Ion: 85 Resp: 6400

Ion Ratio Lower Upper

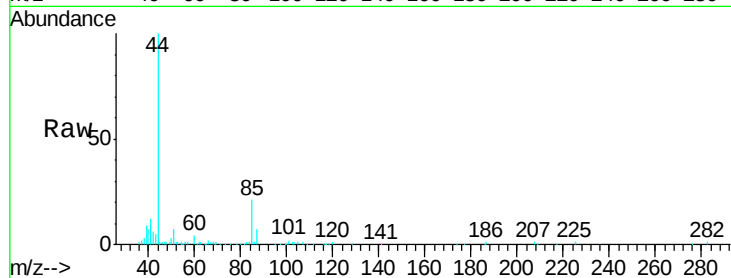
85 100

87 32.7 25.8 38.6

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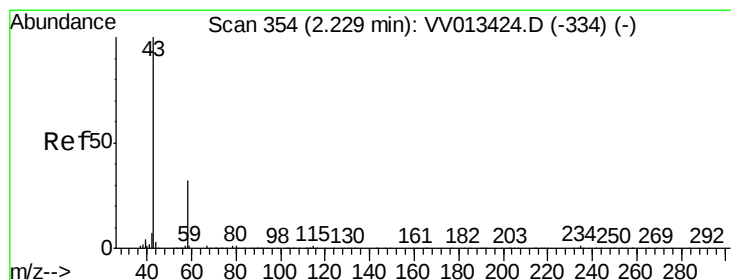
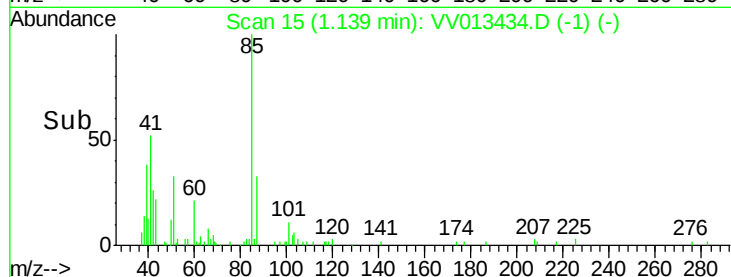
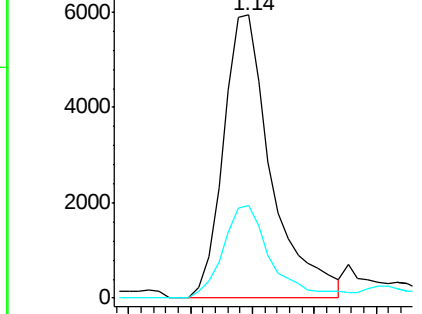
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Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#13

Acetone

Concen: 2.021 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.02 min

Lab File: VV013434.D

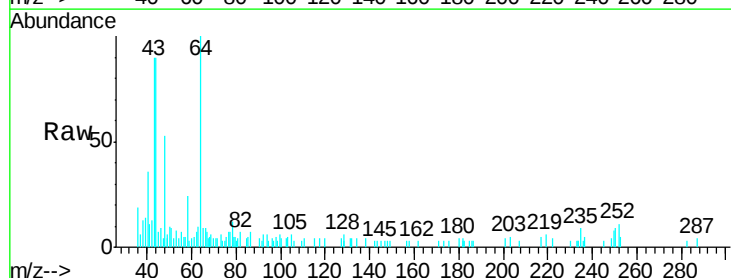
Acq: 30 Oct 2019 16:15

Tgt Ion: 43 Resp: 6873

Ion Ratio Lower Upper

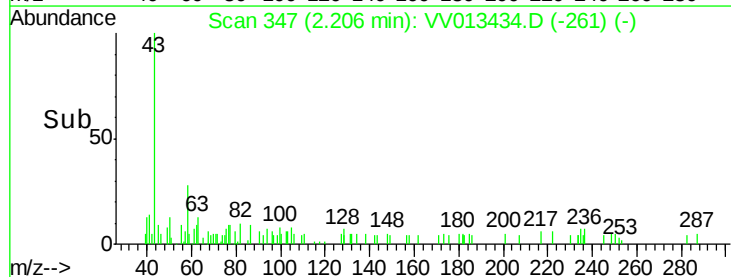
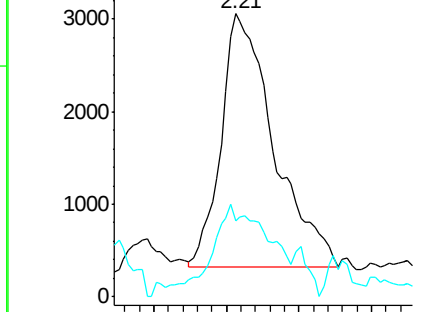
43 100

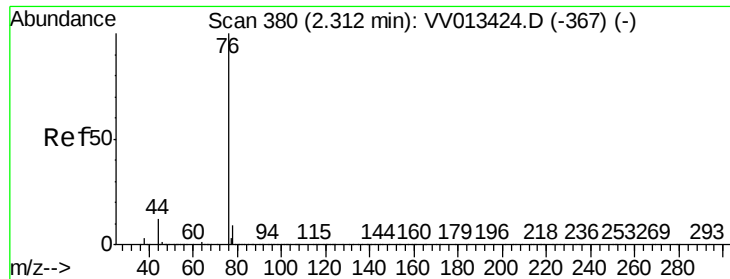
58 40.2 0.0 59.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#14

Carbon disulfide

Concen: 0.066 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV013434.D

Acq: 30 Oct 2019 16:15

Instrument :

MSVOA_V

ClientSampleId :

GAQE7

Tgt Ion: 76 Resp: 4919

Ion Ratio Lower Upper

76 100

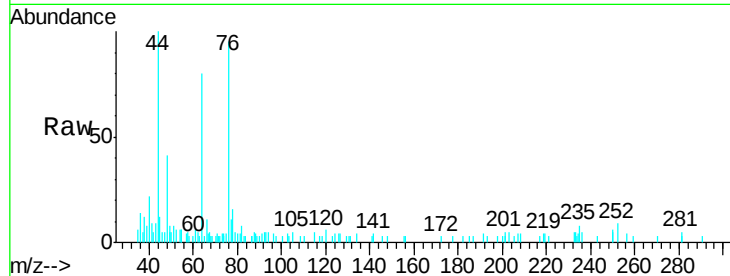
78 16.8 7.5 11.3#

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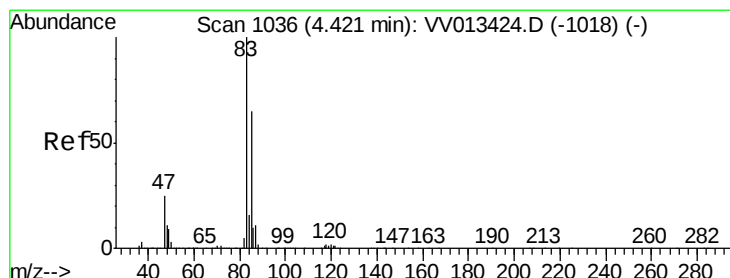
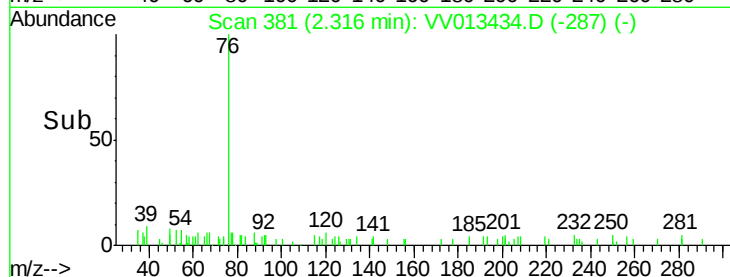
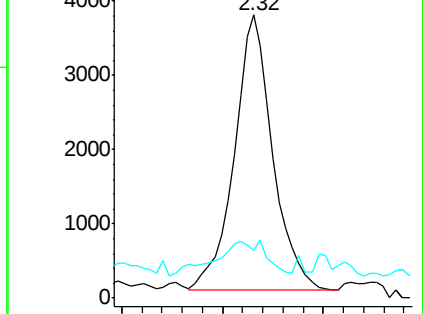
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Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



#25

Chloroform

Concen: 1.170 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV013434.D

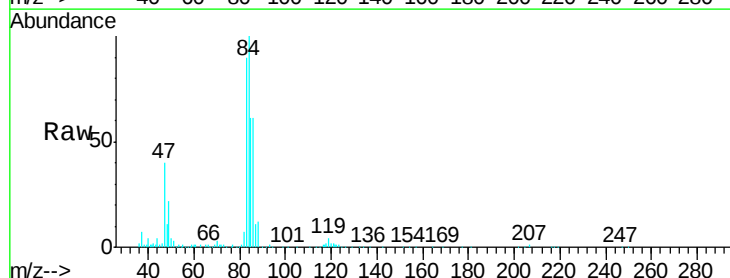
Acq: 30 Oct 2019 16:15

Tgt Ion: 83 Resp: 74489

Ion Ratio Lower Upper

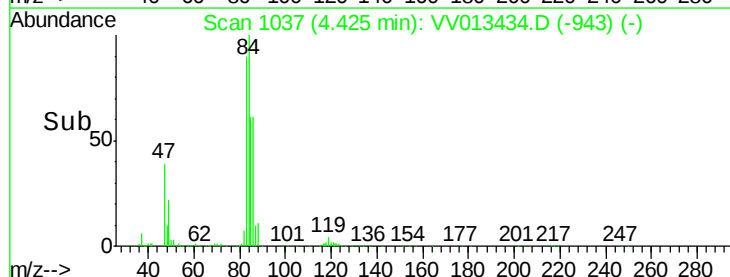
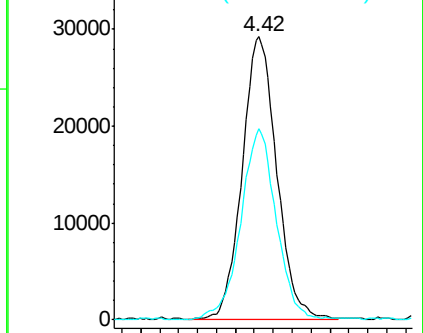
83 100

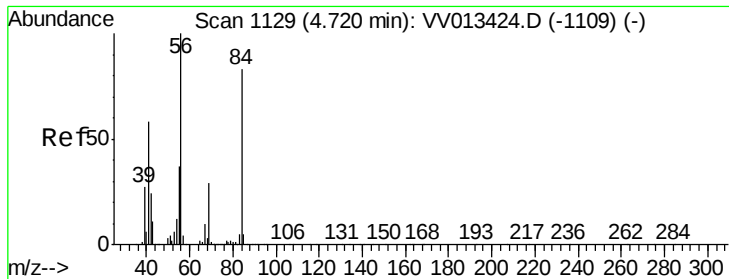
85 67.4 46.5 86.5



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0





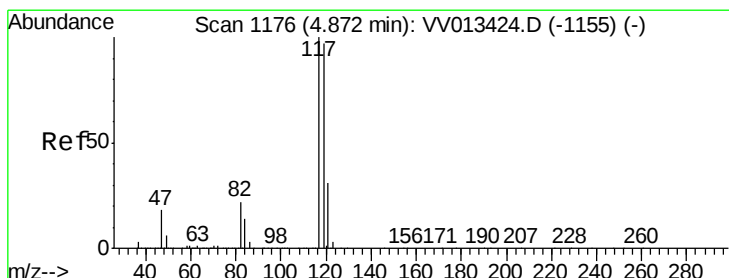
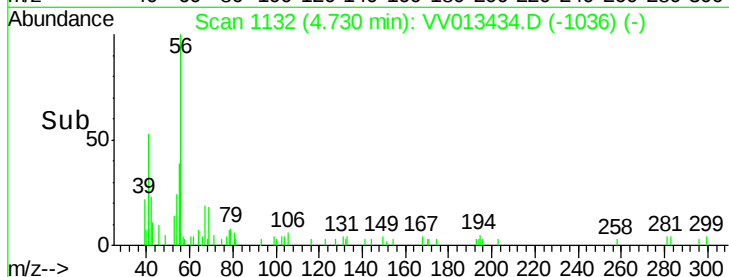
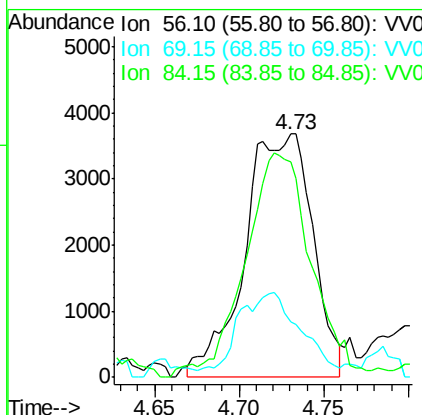
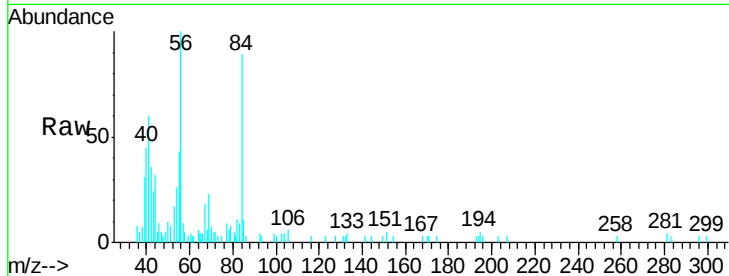
#30
Cyclohexane
Concen: 0.198 ug/L m
RT: 4.73 min Scan# 1132
Delta R.T. 0.01 min
Lab File: VV013434.D
Acq: 30 Oct 2019 16:15

Instrument :
MSVOA_V
ClientSampleId :
GAQE7

Tgt Ion	Ratio	Lower	Upper
56	100		
69	32.6	22.7	34.1
84	89.7	65.5	98.3

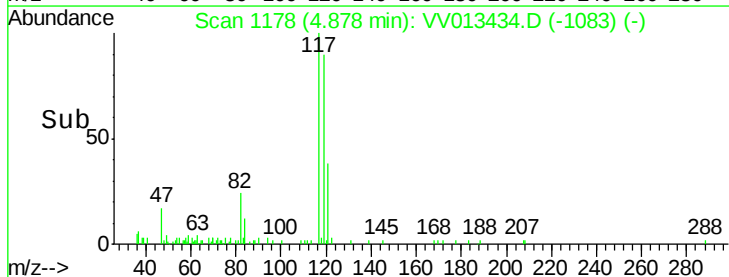
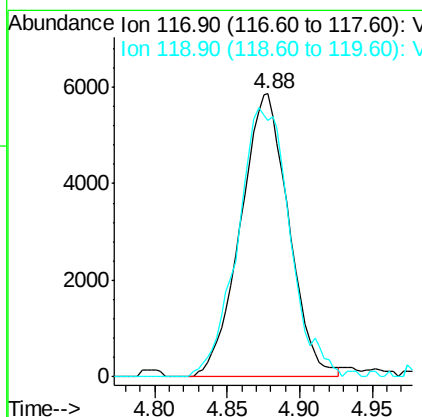
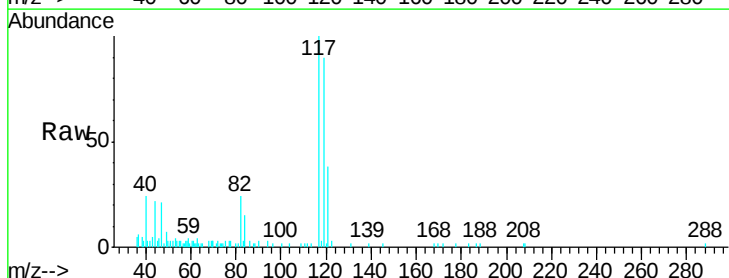
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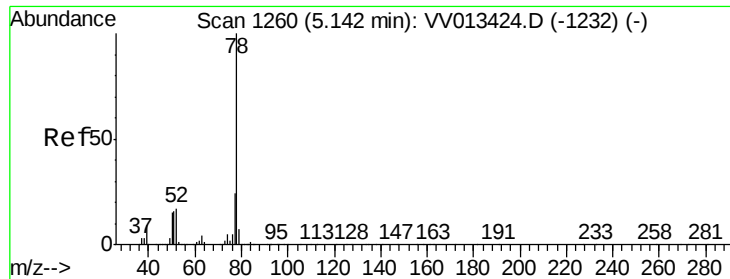
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#31
Carbon tetrachloride
Concen: 0.302 ug/L
RT: 4.88 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VV013434.D
Acq: 30 Oct 2019 16:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	102.8	76.7	115.1





#33

Benzene

Concen: 0.275 ug/L

RT: 5.15 min Scan# 1262

Delta R.T. 0.01 min

Lab File: VV013434.D

Acq: 30 Oct 2019 16:15

Instrument :

MSVOA_V

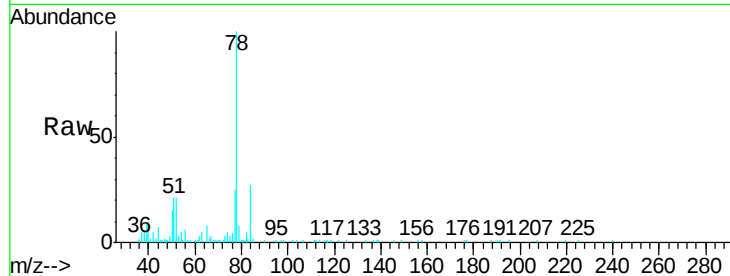
ClientSampleId :

GAQE7

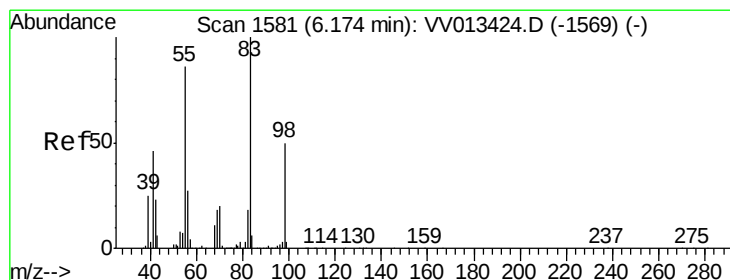
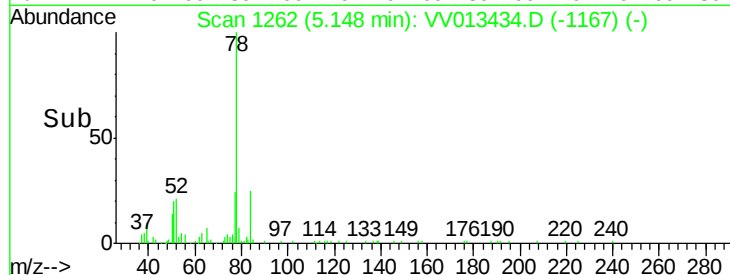
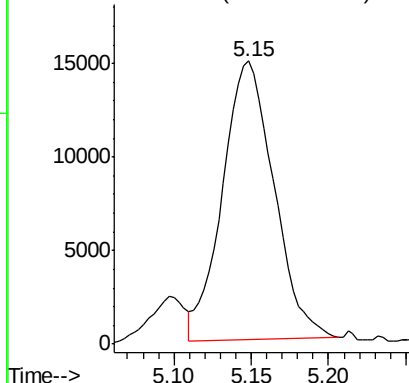
Tgt Ion: 78 Resp: 34387

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Abundance Ion 78.10 (77.80 to 78.80): VV0



#35

Methylcyclohexane

Concen: 0.110 ug/L

RT: 6.16 min Scan# 1577

Delta R.T. -0.01 min

Lab File: VV013434.D

Acq: 30 Oct 2019 16:15

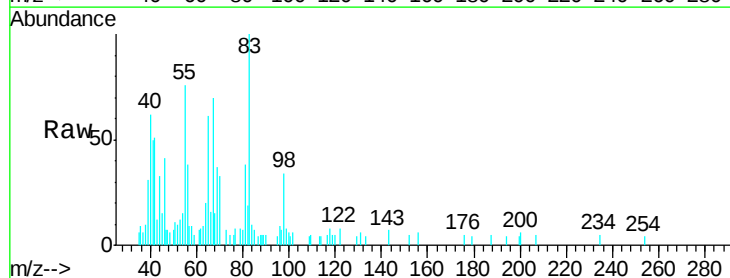
Tgt Ion: 83 Resp: 5599

Ion Ratio Lower Upper

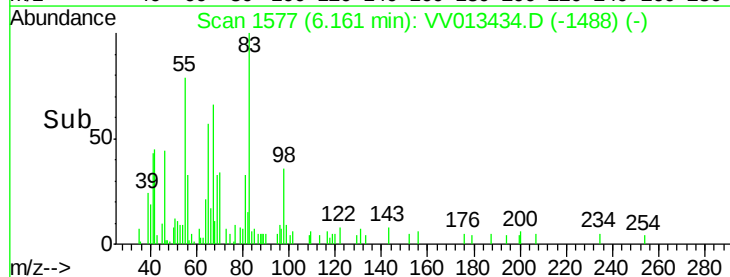
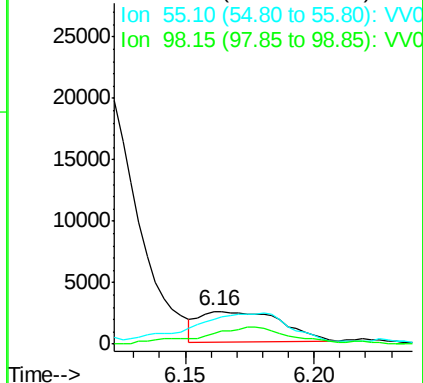
83 100

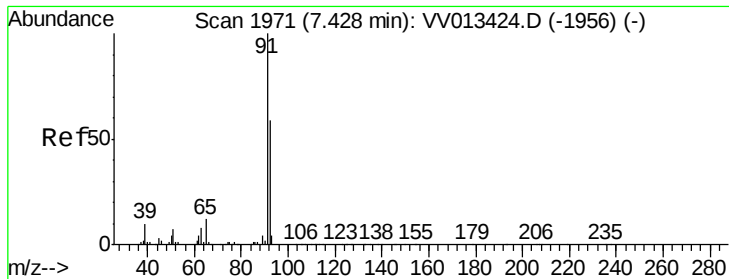
55 129.8 66.0 99.0#

98 57.8 38.2 57.4#



Abundance Ion 83.15 (82.85 to 83.85): VV0





#42

Toluene

Concen: 0.087 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV013434.D

Acq: 30 Oct 2019 16:15

Instrument :

MSVOA_V

ClientSampleId :

GAQE7

Tgt Ion: 91 Resp: 11343

Ion Ratio Lower Upper

91 100

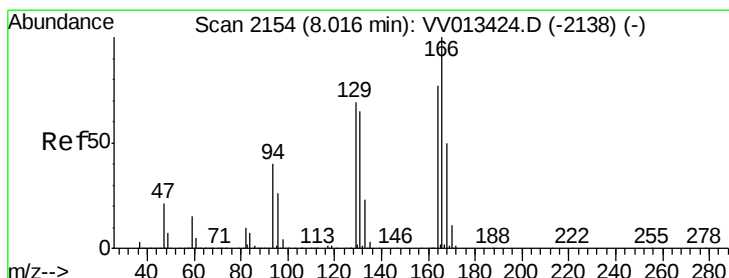
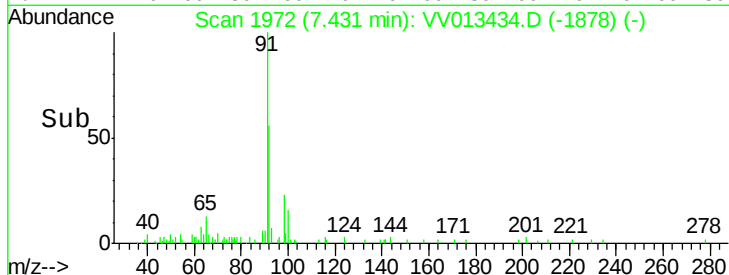
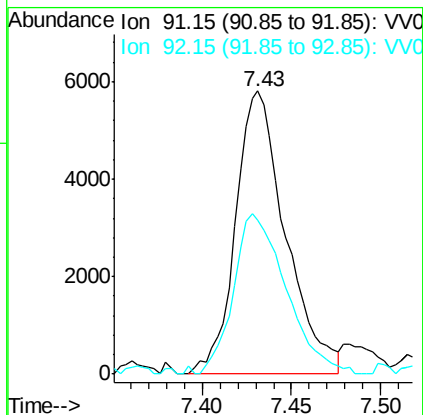
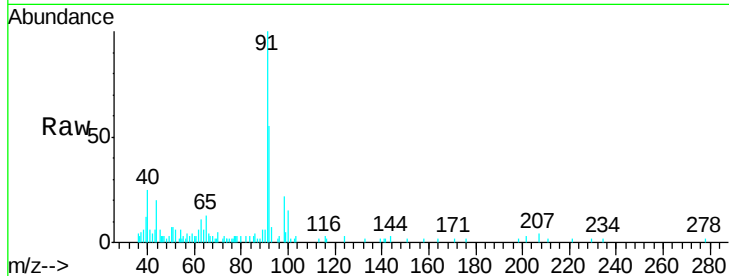
92 54.5 40.3 74.8

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#47

Tetrachloroethene

Concen: 2.215 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV013434.D

Acq: 30 Oct 2019 16:15

Tgt Ion: 164 Resp: 64334

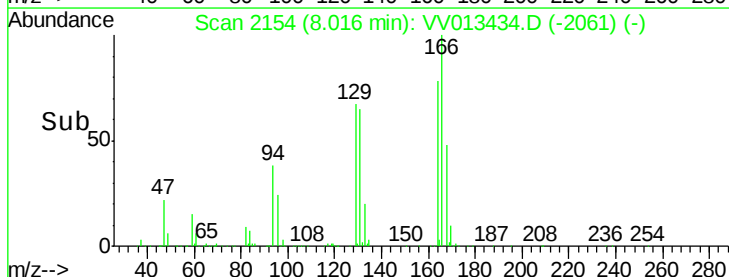
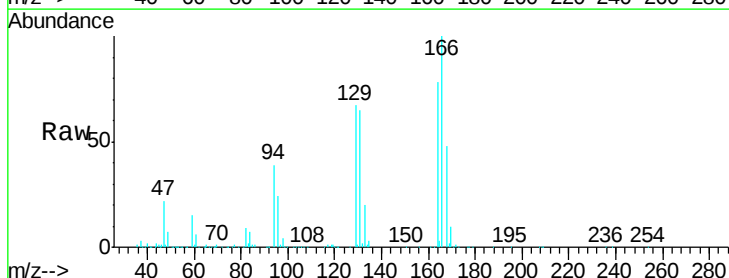
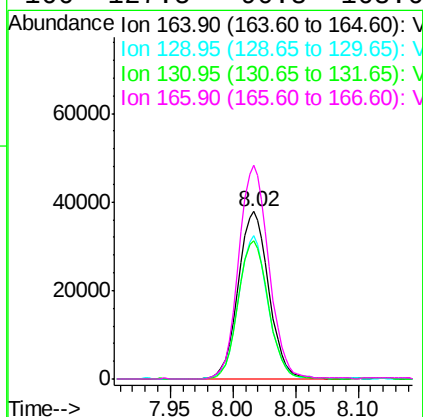
Ion Ratio Lower Upper

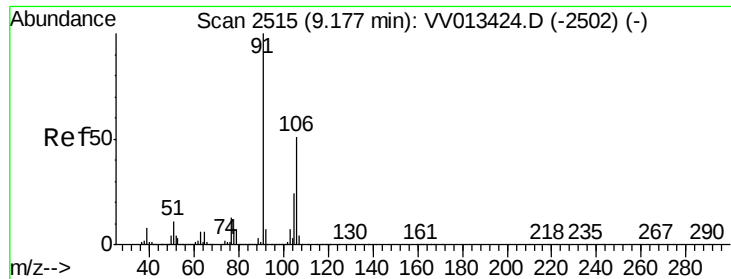
164 100

129 85.3 63.4 117.8

131 82.5 60.3 112.1

166 127.5 90.8 168.6





#53

m,p-xylene

Concen: 0.162 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV013434.D

Acq: 30 Oct 2019 16:15

Instrument :
MSVOA_V
ClientSampleId :
GAQE7

Tgt Ion:106 Resp: 8245

Ion Ratio Lower Upper

106 100

91 190.6 144.3 267.9

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