

Data File : VV009787.D
Acq On : 19 Mar 2019 18:55
Operator : SY/MD
Sample : K1986-19
Misc : 6.33g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF127

Quant Time: Mar 20 05:21:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 20 05:16:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	150829	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	147271	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	60054	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40512	39.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.68%
7) Chloroethane-d5	1.55	69	21875	29.16	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	58.32%#
11) 1,1-Dichloroethene-d2	2.10	63	73224	33.81	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.62%
21) 2-Butanone-d5	3.95	46	51628	85.23	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.23%
24) Chloroform-d	4.40	84	84638	45.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.08	65	55690	49.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.22%
32) Benzene-d6	5.09	84	182849	47.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.02%
36) 1,2-Dichloropropane-d6	6.12	67	54311	46.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.70%
41) Toluene-d8	7.36	98	171878	46.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.84%
43) trans-1,3-Dichloropropene-	7.67	79	24872	44.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.78%
47) 2-Hexanone-d5	8.15	63	45640	95.71	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.71%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	80931	45.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.06%
64) 1,2-Dichlorobenzene-d4	11.68	152	61535	50.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.28%

Target Compounds

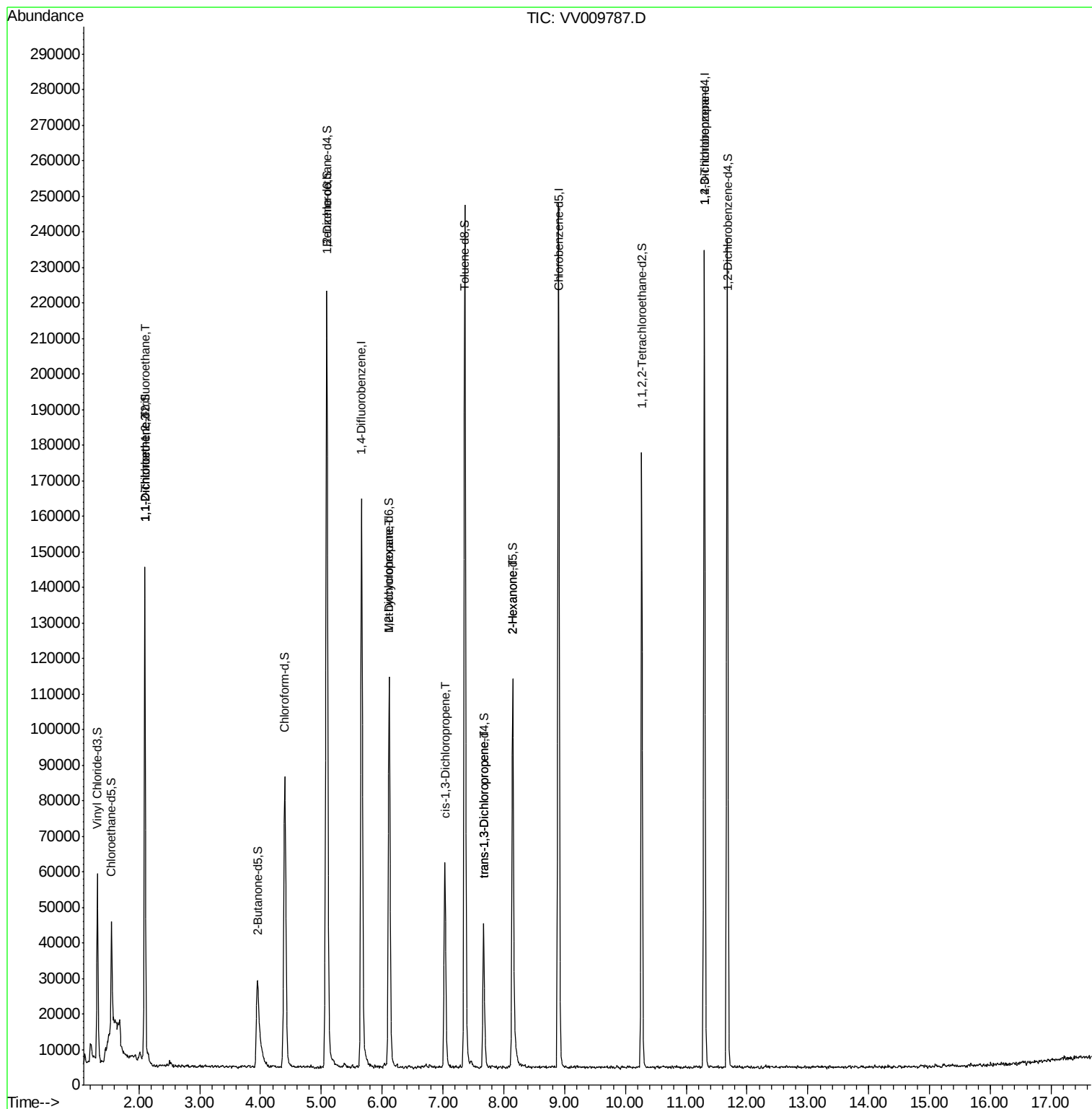
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.09	101	657	0.633	ug/L #	19
12) 1,1-Dichloroethene	2.10	96	621	0.691	ug/L #	1
35) Methylcyclohexane	6.12	83	13162	7.633	ug/L #	22
39) cis-1,3-Dichloropropene	7.03	75	968	0.618	ug/L #	58
44) trans-1,3-Dichloropropene	7.67	75	1316	0.887	ug/L #	67
48) 2-Hexanone	8.14	43	5328	5.318	ug/L #	73
59) 1,2,3-Trichloropropane	11.30	75	7816	5.795	ug/L	92

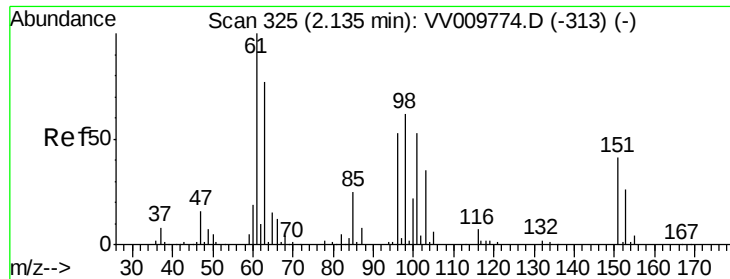
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.633 ug/L

RT: 2.09 min Scan# 312

Delta R.T. -0.04 min

Lab File: VV009787.D

Acq: 19 Mar 2019 18:55

Instrument :

MSVOA_V

ClientSampleId :

BF127

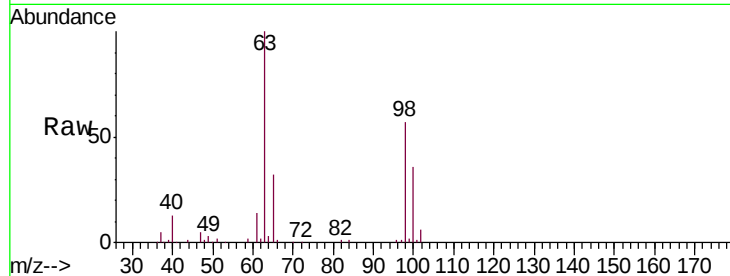
Tgt Ion: 101 Resp: 657

Ion Ratio Lower Upper

101 100

85 0.0 38.5 57.7#

151 0.0 58.9 88.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

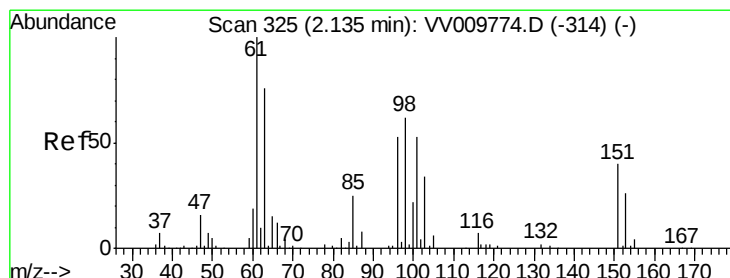
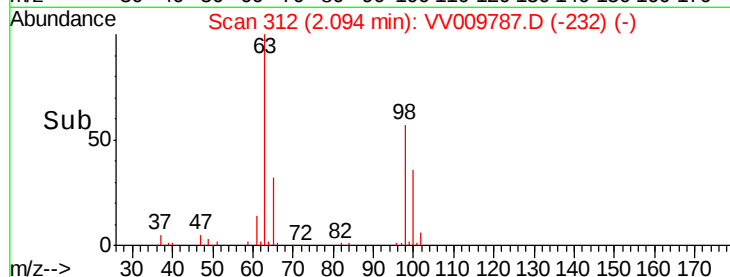
2.09

400

200

0

Time--> 2.06 2.08 2.10 2.12



#12

1,1-Dichloroethene

Concen: 0.691 ug/L

RT: 2.10 min Scan# 314

Delta R.T. -0.04 min

Lab File: VV009787.D

Acq: 19 Mar 2019 18:55

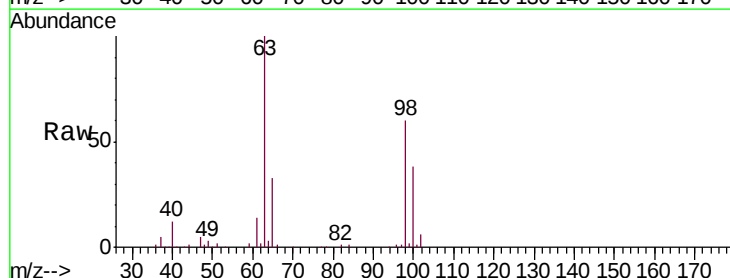
Tgt Ion: 96 Resp: 621

Ion Ratio Lower Upper

96 100

61 1387.7 135.5 251.7#

63 9706.4 100.2 186.2#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

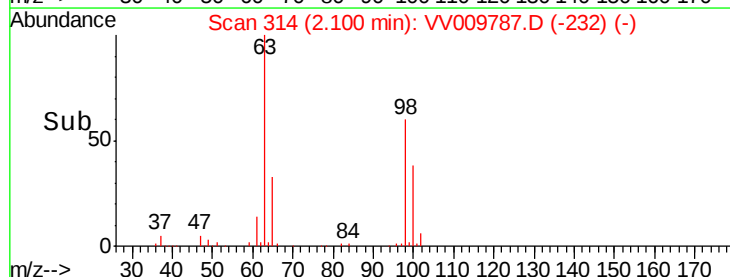
60000

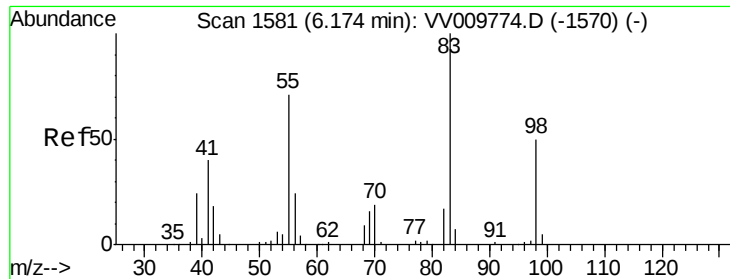
40000

20000

0

Time--> 2.08 2.10 2.12

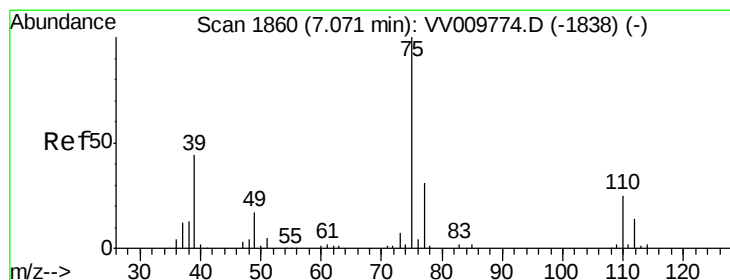
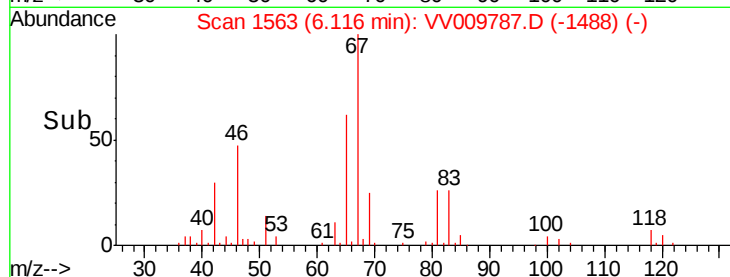
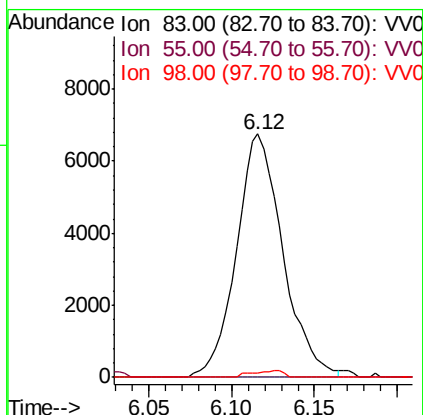
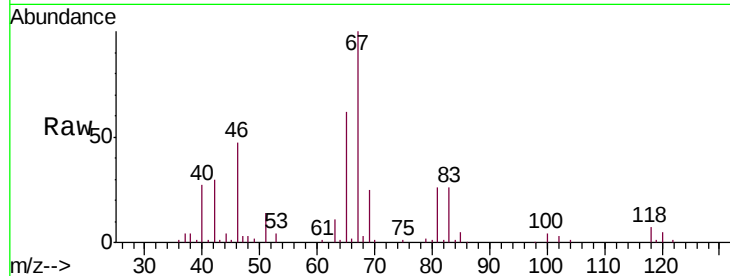




#35
Methylcyclohexane
Concen: 7.633 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV009787.D
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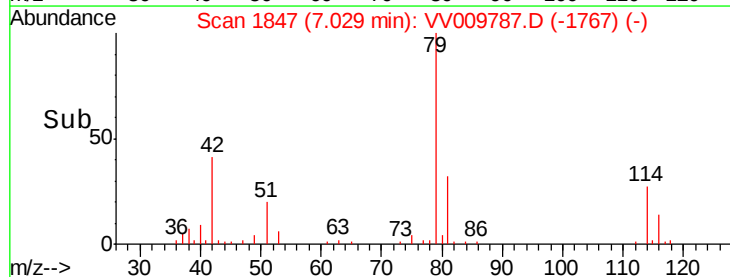
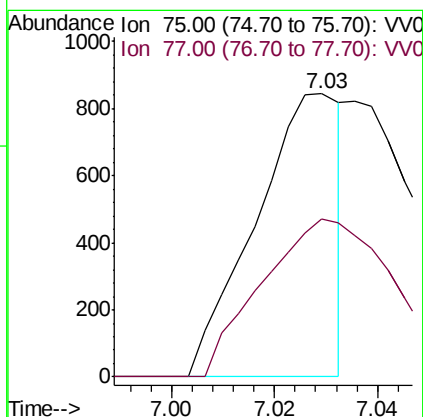
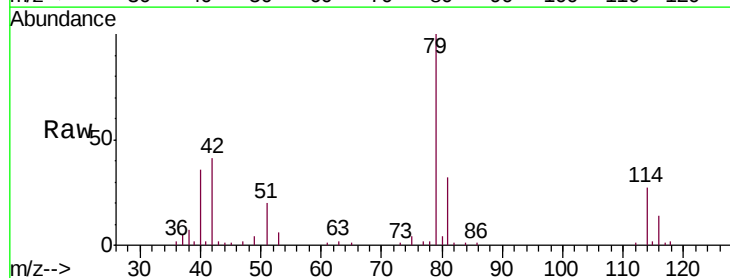
Instrument :
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ClientSampleId :
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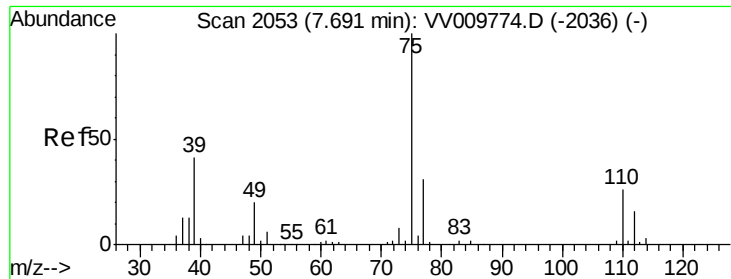
Tgt Ion: 83 Resp: 13162
Ion Ratio Lower Upper
83 100
55 0.6 54.2 81.4#
98 0.5 38.4 57.6#



#39
cis-1,3-Dichloropropene
Concen: 0.618 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009787.D
Acq: 19 Mar 2019 18:55

Tgt Ion: 75 Resp: 968
Ion Ratio Lower Upper
75 100
77 55.6 22.4 41.6#





#44

trans-1,3-Dichloropropene

Concen: 0.887 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.02 min

Lab File: VV009787.D

Acq: 19 Mar 2019 18:55

Instrument :

MSVOA_V

ClientSampleId :

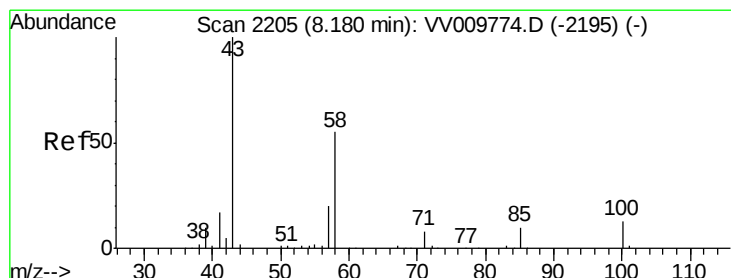
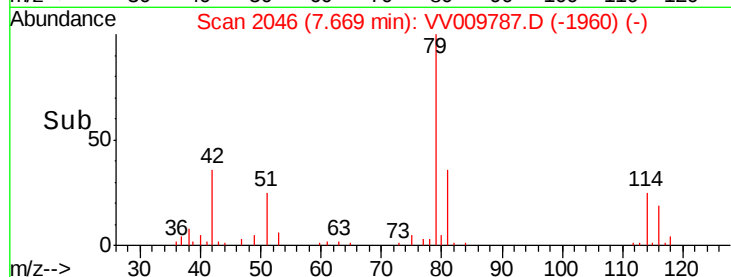
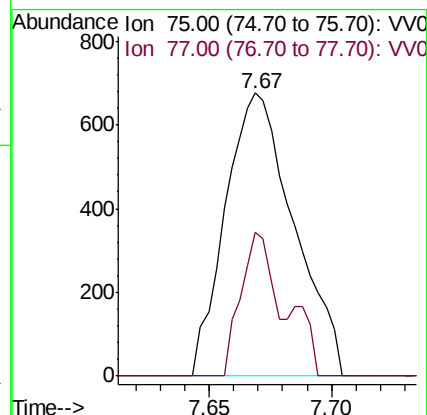
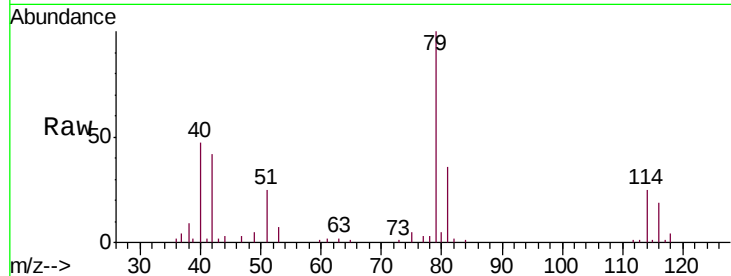
BF127

Tgt Ion: 75 Resp: 1316

Ion Ratio Lower Upper

75 100

77 50.7 22.5 41.7#



#48

2-Hexanone

Concen: 5.318 ug/L

RT: 8.14 min Scan# 2194

Delta R.T. -0.04 min

Lab File: VV009787.D

Acq: 19 Mar 2019 18:55

Tgt Ion: 43 Resp: 5328

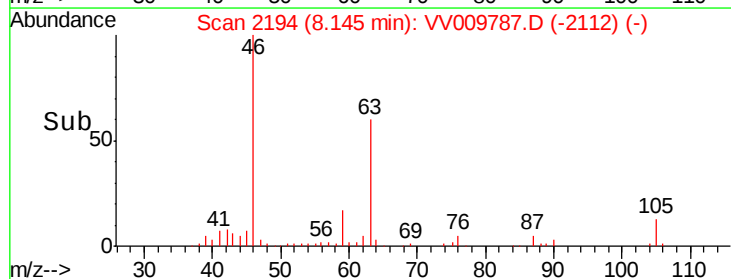
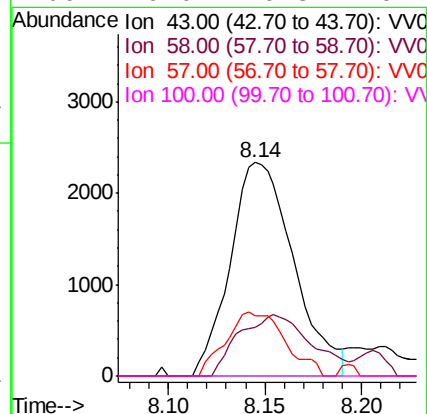
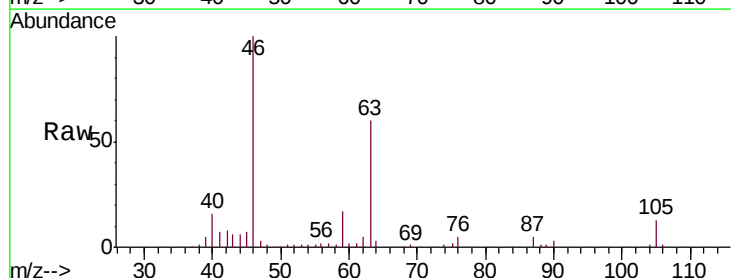
Ion Ratio Lower Upper

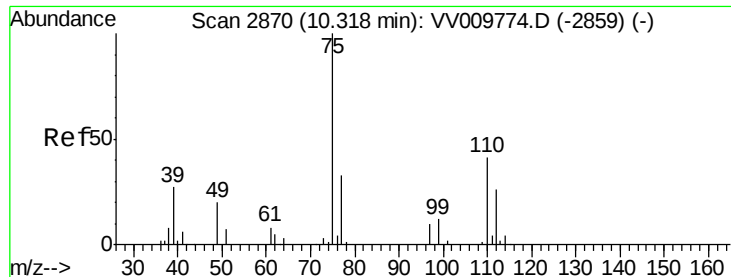
43 100

58 32.8 46.0 69.0#

57 17.0 14.8 22.2

100 0.0 10.8 16.2#





#59

1,2,3-Trichloropropane

Concen: 5.795 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009787.D

Acq: 19 Mar 2019 18:55

Instrument :

MSVOA_V

ClientSampleId :

BF127

Tgt Ion: 75 Resp: 7816

Ion Ratio Lower Upper

75 100

77 37.2 26.2 39.4

