

Data File : VV009075.D
Acq On : 20 Dec 2018 03:17
Operator : SY/MD
Sample : J6468-10
Misc : 5.64G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0JG8

Quant Time: Dec 20 03:51:28 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 20 03:44:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	159268	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	112753	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	29137	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	36428	22.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.40%
7) Chloroethane-d5	1.58	69	44218	36.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	145.24%
10) 1,1-Dichloroethene-d2	2.13	63	72392	17.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.28%
20) 2-Butanone-d5	3.94	46	25354	42.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.50%
24) Chloroform-d	4.40	84	124134	32.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	129.68%
26) 1,2-Dichloroethane-d4	5.08	65	69360	33.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	132.80%#
29) Benzene-d6	5.10	84	215079	34.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	136.60%#
33) 1,2-Dichloropropane-d6	6.12	67	73407	41.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	166.56%#
37) Toluene-d8	7.36	98	171776	29.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	117.92%
38) trans-1,3-Dichloropropene-	7.66	79	20042	25.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.48%
39) 2-Hexanone-d5	8.14	63	13763	42.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.22%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	58668	39.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	158.68%#
61) 1,2-Dichlorobenzene-d4	11.67	152	31902	29.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	116.68%

Target Compounds

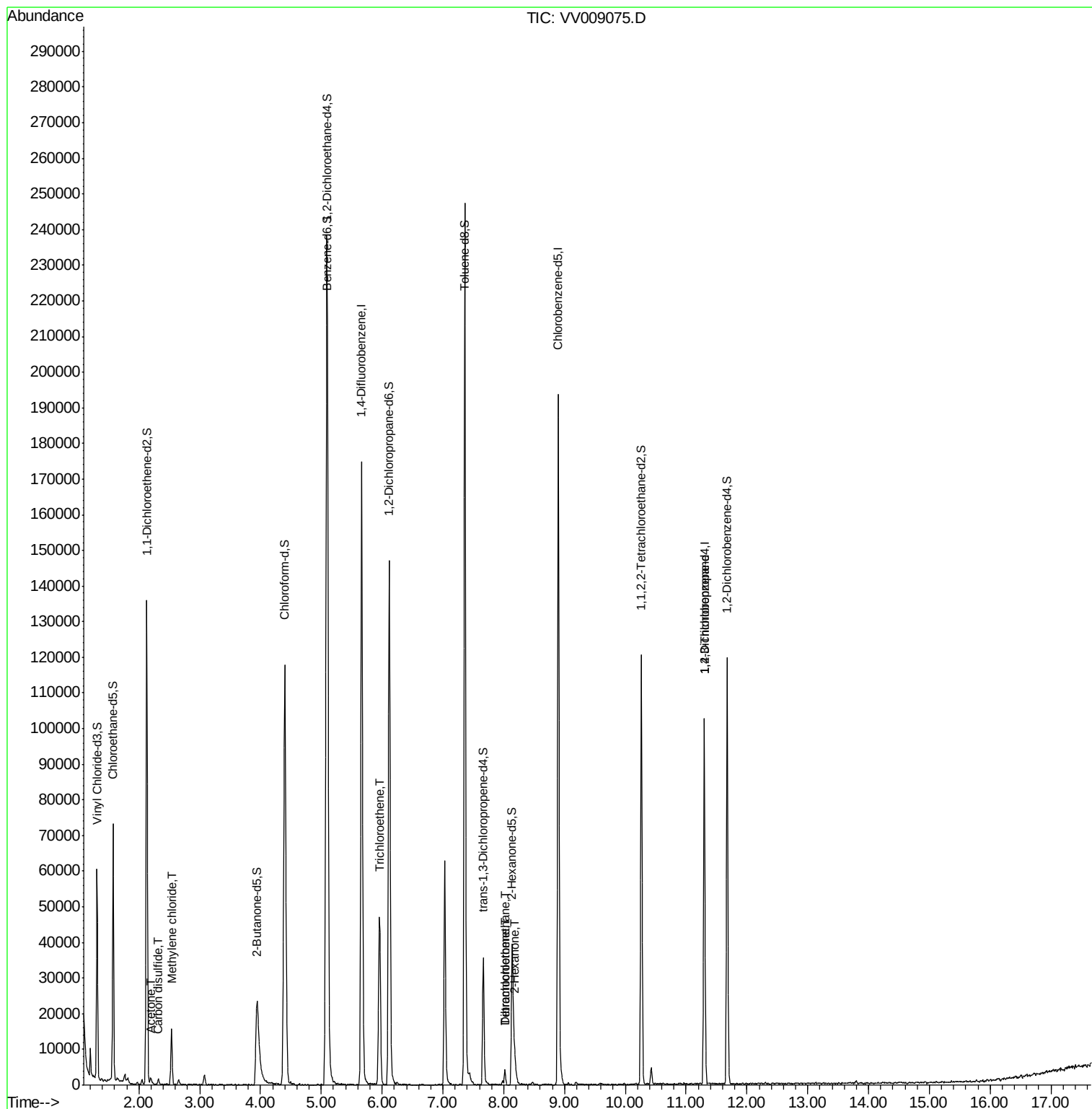
					Qvalue
13) Acetone	2.20	43	1914	2.165 ug/L	94
14) Carbon disulfide	2.32	76	2232	0.339 ug/L #	90
16) Methylene chloride	2.54	84	7377	2.751 ug/L	88
35) Trichloroethene	5.96	95	14665	7.201 ug/L	99
47) Tetrachloroethene	8.02	164	990	0.598 ug/L	89
49) 2-Hexanone	8.18	43	1268	1.399 ug/L #	45
50) Dibromochloromethane	8.02	129	901	0.582 ug/L #	11
59) 1,2,3-Trichloropropane	11.30	75	3690	2.920 ug/L	98

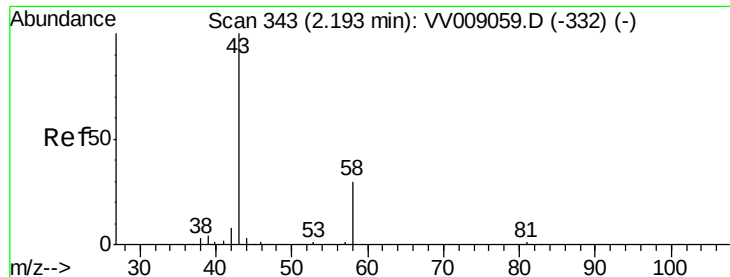
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.165 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.01 min

Lab File: VV009075.D

Acq: 20 Dec 2018 03:17

Instrument :

MSVOA_V

ClientSampled :

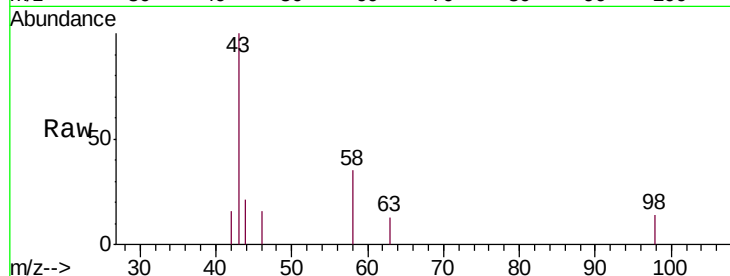
C0JG8

Tgt Ion: 43 Resp: 1914

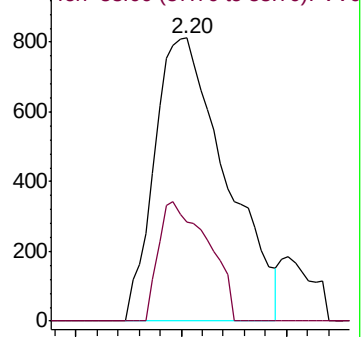
Ion Ratio Lower Upper

43 100

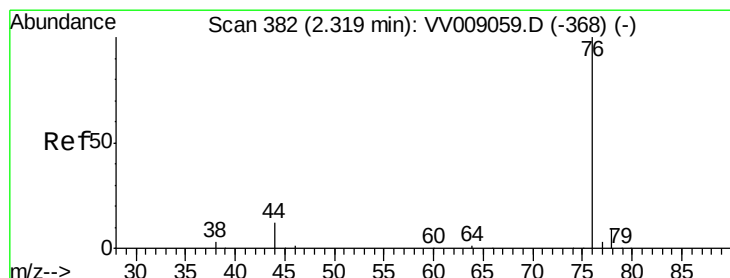
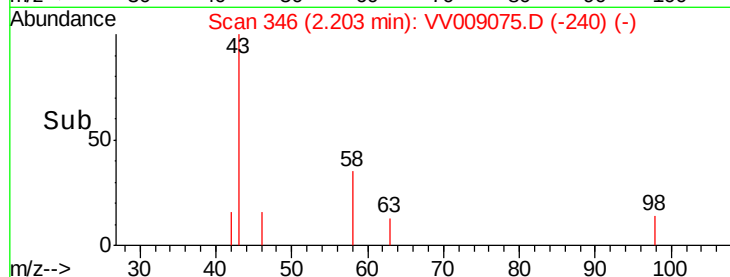
58 29.2 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VV009075.D (-240) (-)



Time--> 2.15 2.20 2.25



#14

Carbon disulfide

Concen: 0.339 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VV009075.D

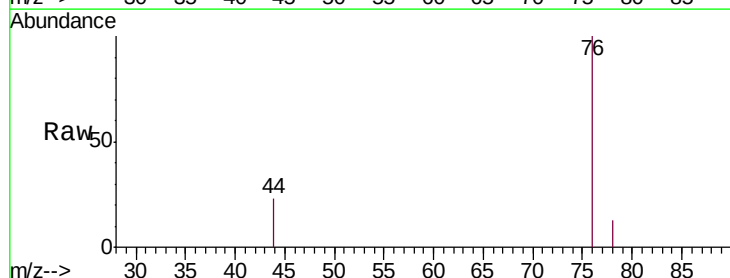
Acq: 20 Dec 2018 03:17

Tgt Ion: 76 Resp: 2232

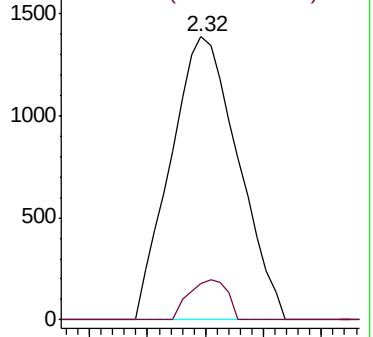
Ion Ratio Lower Upper

76 100

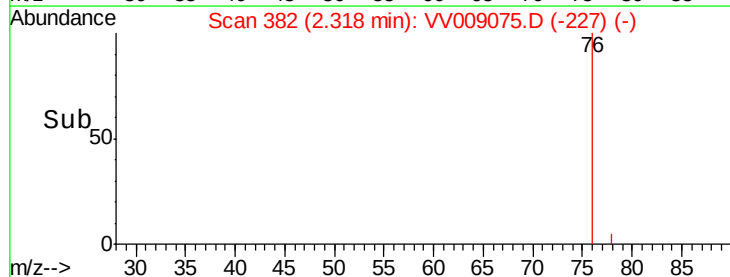
78 12.9 7.4 11.0#

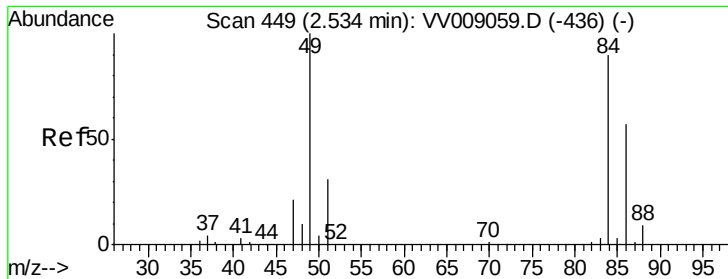


Abundance Ion 76.00 (75.70 to 76.70): VV009075.D (-227) (-)



Time--> 2.28 2.30 2.32 2.34 2.36

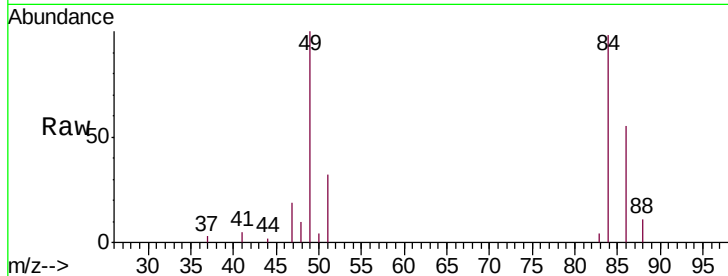




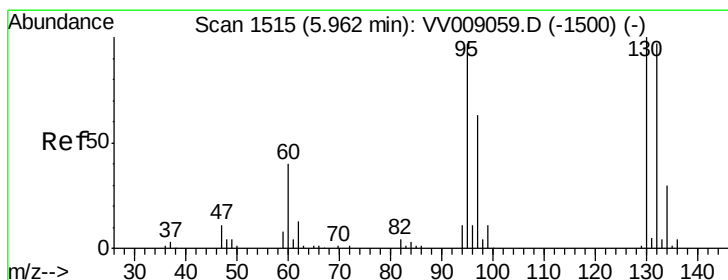
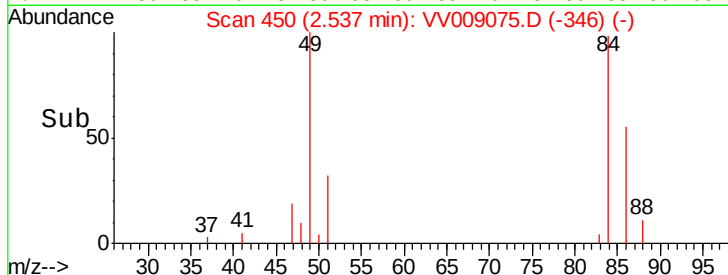
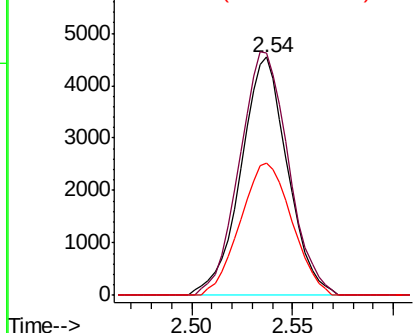
#16
Methylene chloride
Concen: 2.751 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009075.D
Acq: 20 Dec 2018 03:17

Instrument :
MSVOA_V
ClientSampleId :
C0JG8

Tgt Ion: 84 Resp: 7377
Ion Ratio Lower Upper
84 100
49 101.6 80.5 149.5
86 55.7 45.5 84.5

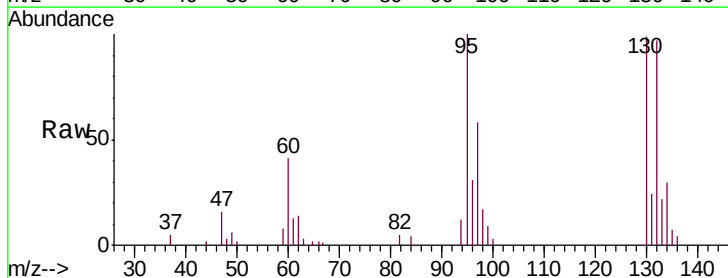


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0

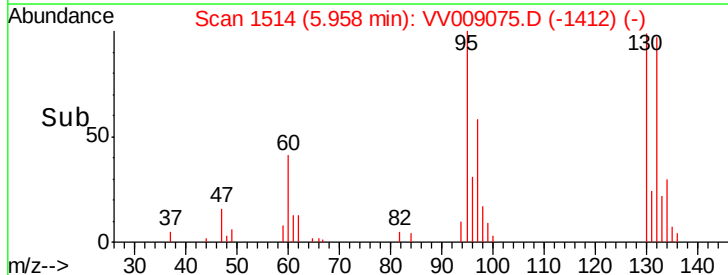
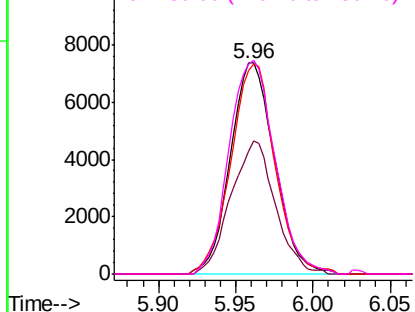


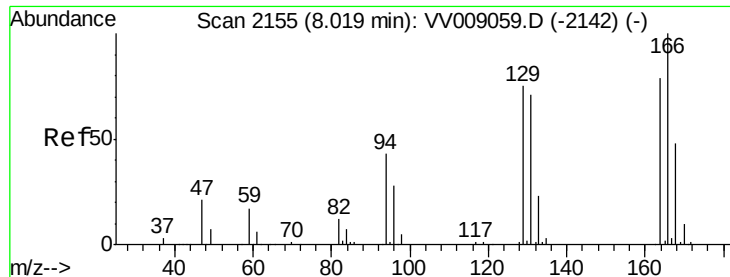
#35
Trichloroethene
Concen: 7.201 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VV009075.D
Acq: 20 Dec 2018 03:17

Tgt Ion: 95 Resp: 14665
Ion Ratio Lower Upper
95 100
97 63.0 45.3 84.1
132 99.5 70.0 130.0
130 105.0 73.4 136.4



Abundance Ion 95.00 (94.70 to 95.70): VV0
Ion 97.00 (96.70 to 97.70): VV0
Ion 132.00 (131.70 to 132.70): VV0
Ion 130.00 (129.70 to 130.70): VV0





#47

Tetrachloroethene

Concen: 0.598 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV009075.D

Acq: 20 Dec 2018 03:17

Instrument :

MSVOA_V

ClientSampled :

C0JG8

Tgt Ion:164 Resp: 990

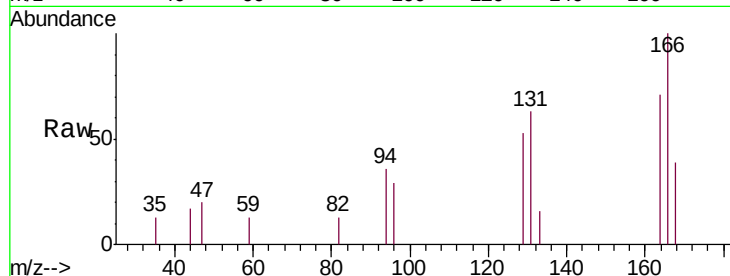
Ion Ratio Lower Upper

164 100

129 74.5 64.6 120.0

131 89.0 64.5 119.7

166 140.4 88.7 164.7

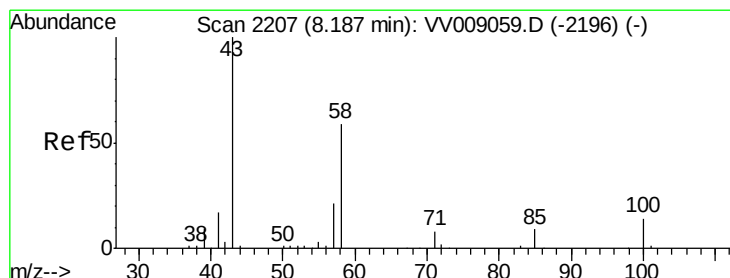
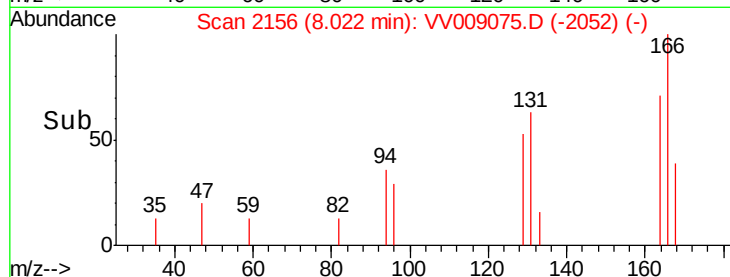
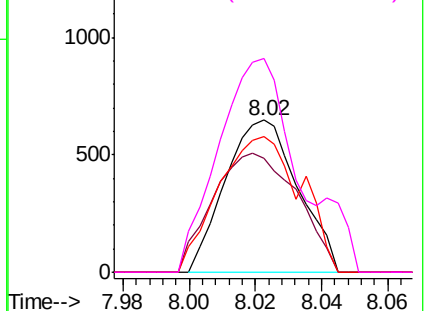


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

2-Hexanone

Concen: 1.399 ug/L

RT: 8.18 min Scan# 2205

Delta R.T. -0.01 min

Lab File: VV009075.D

Acq: 20 Dec 2018 03:17

Tgt Ion: 43 Resp: 1268

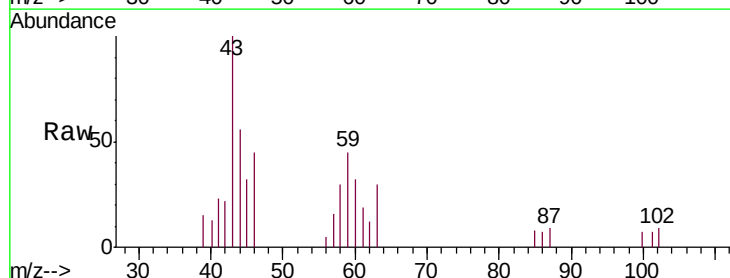
Ion Ratio Lower Upper

43 100

58 99.7 43.9 65.9#

57 51.4 15.7 23.5#

100 16.2 11.0 16.4

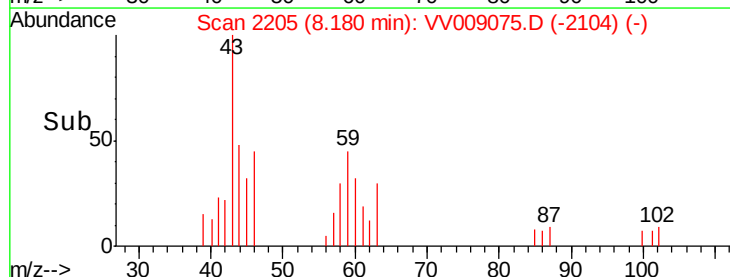
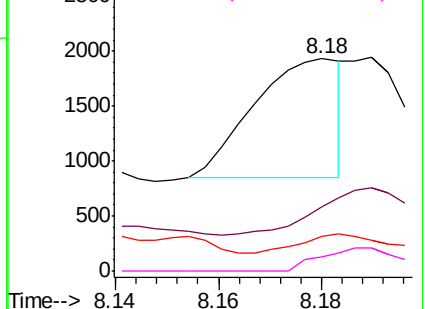


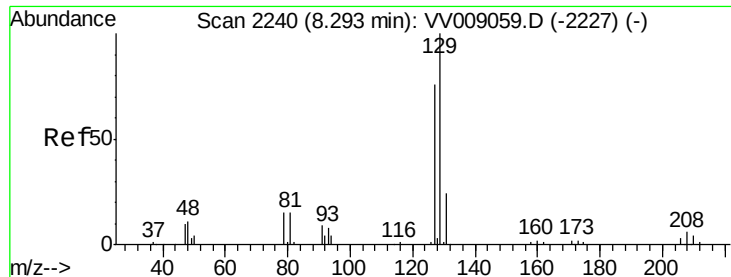
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#50

Dibromochloromethane

Concen: 0.582 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV009075.D

Acq: 20 Dec 2018 03:17

Instrument :

MSVOA_V

ClientSampleId :

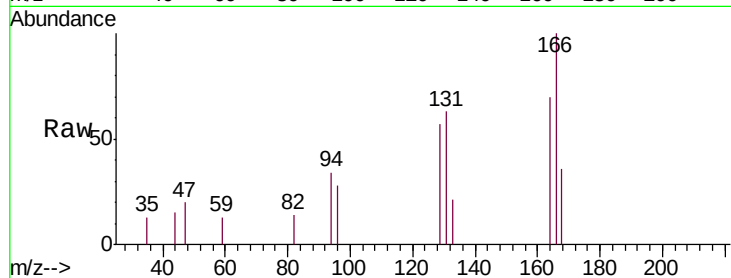
C0JG8

Tgt Ion:129 Resp: 901

Ion Ratio Lower Upper

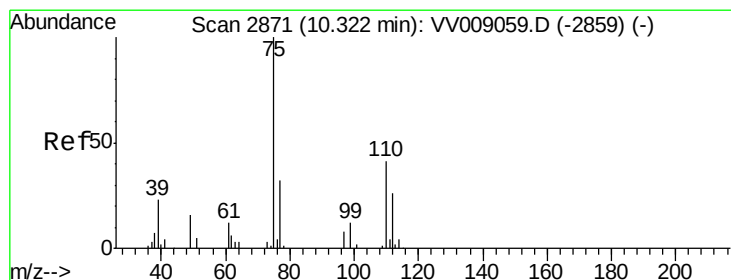
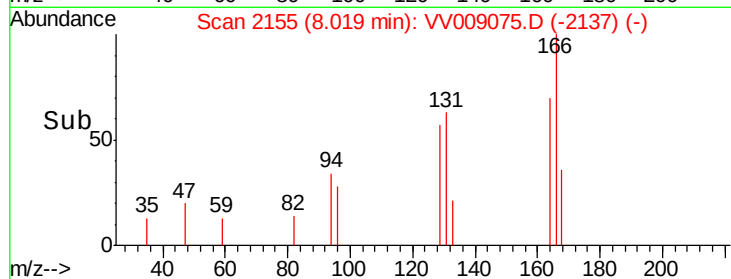
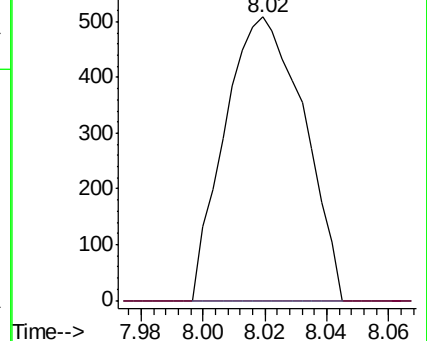
129 100

127 0.0 53.5 99.3#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 2.920 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV009075.D

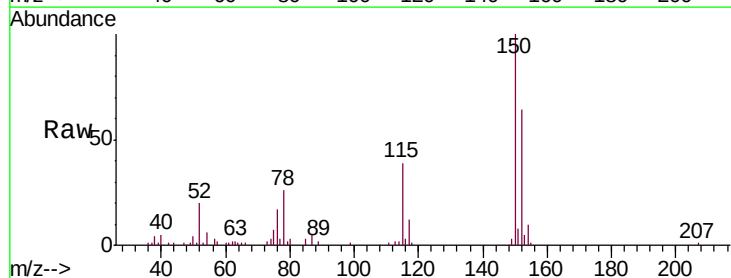
Acq: 20 Dec 2018 03:17

Tgt Ion: 75 Resp: 3690

Ion Ratio Lower Upper

75 100

77 33.2 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

