

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030420\
 Data File : VV014746.D
 Acq On : 04 Mar 2020 20:09
 Operator : SY/MD
 Sample : L1782-05
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 05 06:31:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Mar 05 06:28:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	239028	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	229461	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	111850	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	70630	3.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.40%
7) Chloroethane-d5	1.58	69	63281	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.13	63	96333	3.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.60%
20) 2-Butanone-d5	3.97	46	222989	57.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.30%
24) Chloroform-d	4.40	84	152634	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.08	65	86315	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.10	84	313296	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.12	67	101679	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.36	98	277516	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	7.66	79	36405	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.13	63	145752	44.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.50%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	76318	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	106744	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

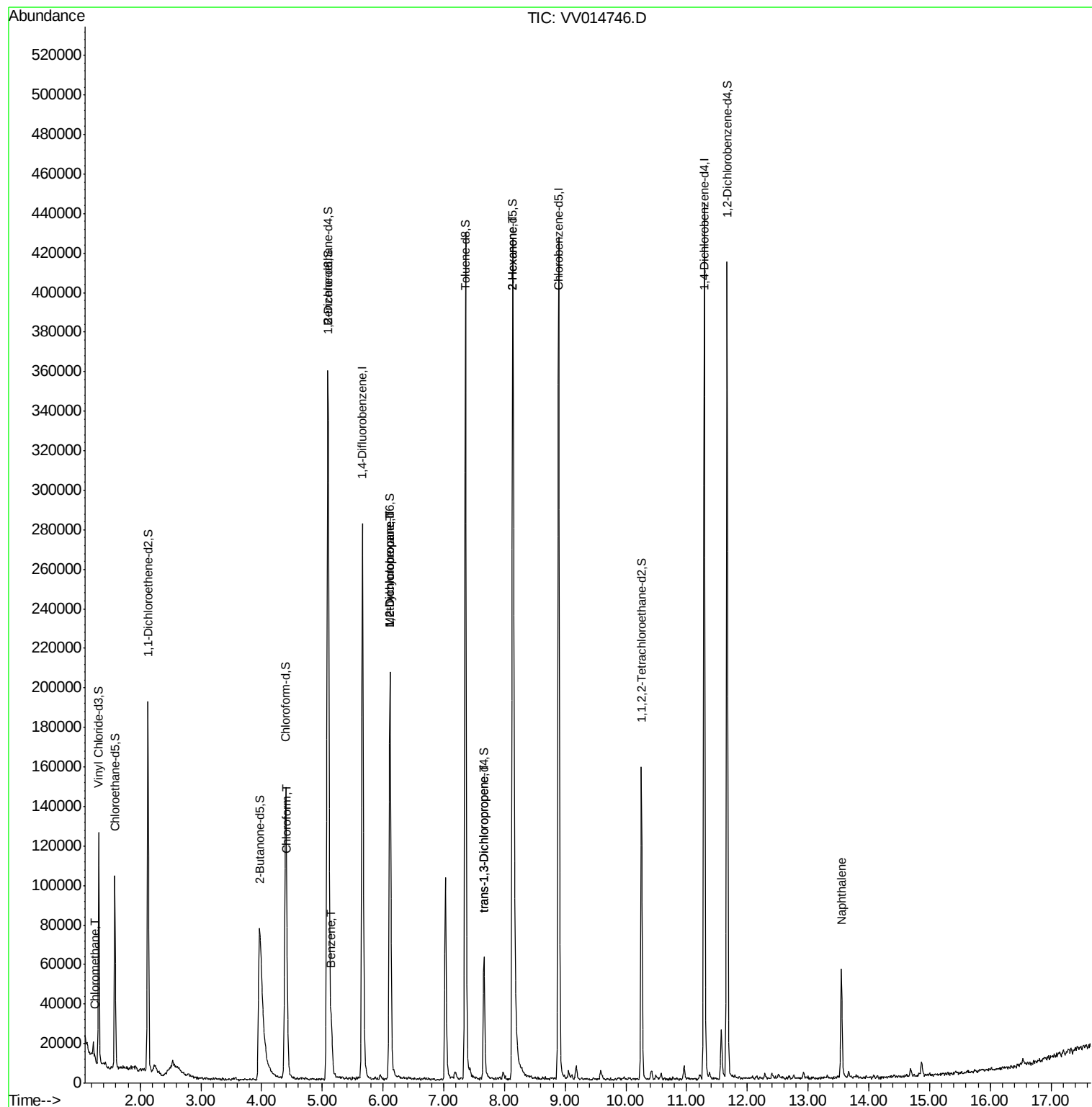
					Ovalue
3) Chloromethane	1.25	50	2541	0.105 ug/L	92
25) Chloroform	4.42	83	6386	0.183 ug/L	87
33) Benzene	5.15	78	22757	0.302 ug/L	100
35) Methylcyclohexane	6.11	83	25104	0.748 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	12402	0.644 ug/L #	88
44) trans-1,3-Dichloropropene	7.67	75	1814	0.084 ug/L	93
48) 2-Hexanone	8.14	43	28533	3.475 ug/L #	91
69) Naphthalene	13.55	128	44241	1.020 ug/L	99

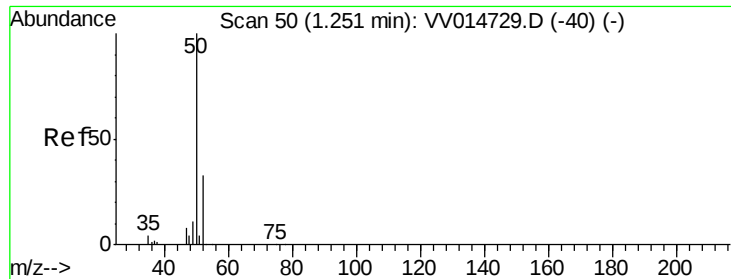
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Mar 05 06:28:00 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.105 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV014746.D

Acq: 04 Mar 2020 20:09

Instrument :

MSVOA_V

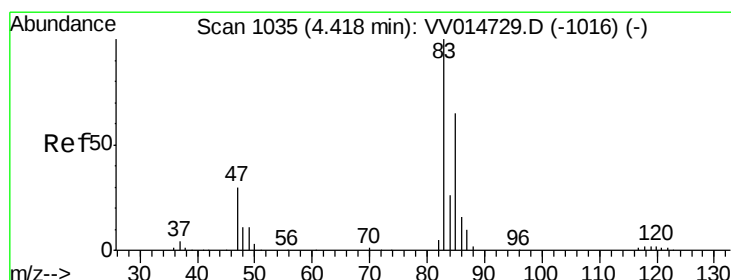
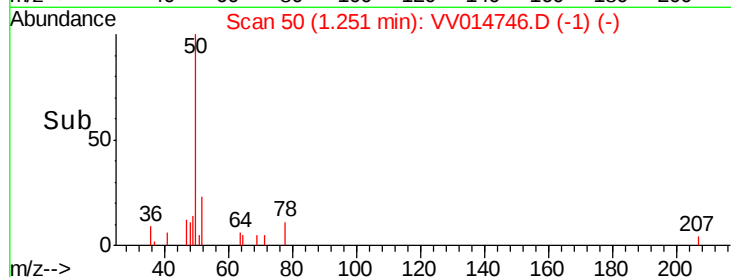
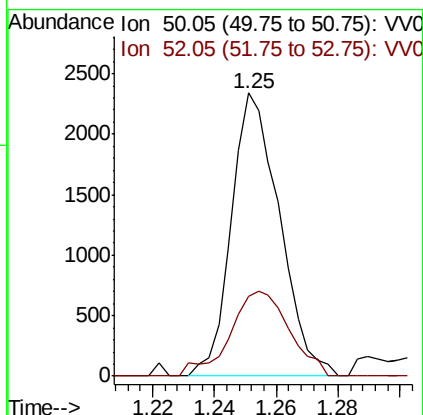
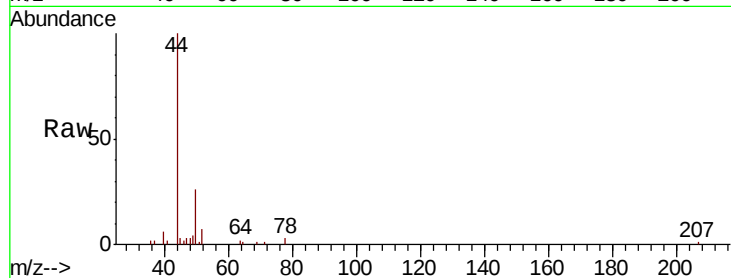
ClientSampleId :

Tot Ion: 50 Resp: 2541

Ion Ratio Lower Upper

50 100

52 28.1 22.9 42.5



#25

Chloroform

Concen: 0.183 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VV014746.D

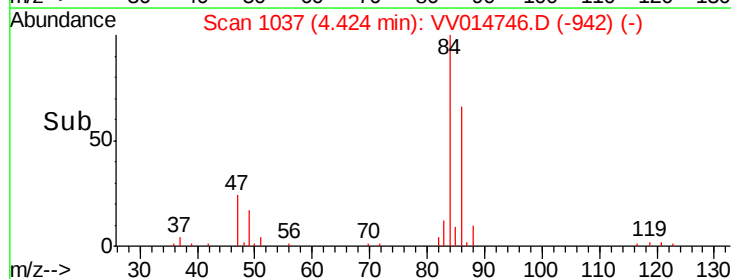
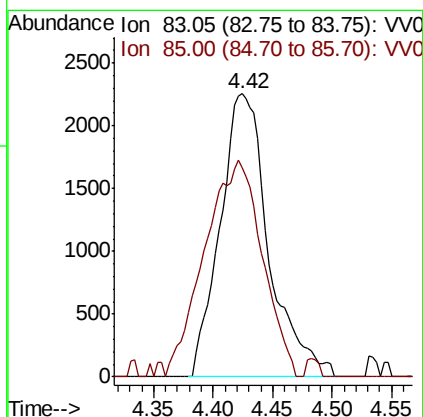
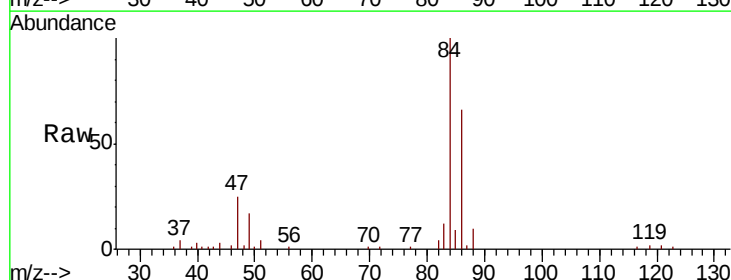
Acq: 04 Mar 2020 20:09

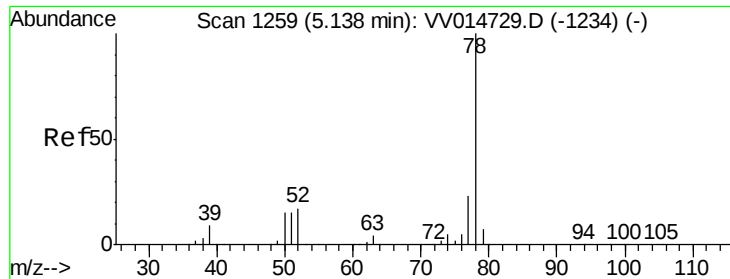
Tgt Ion: 83 Resp: 6386

Ion Ratio Lower Upper

83 100

85 74.0 44.7 83.1

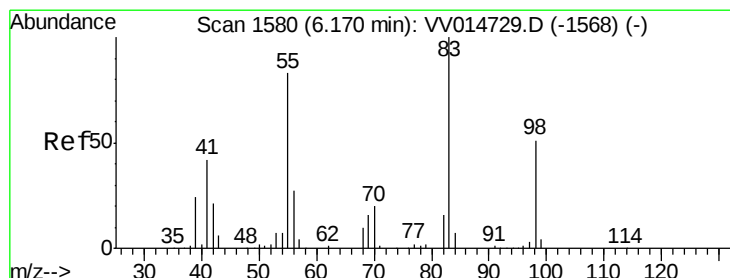
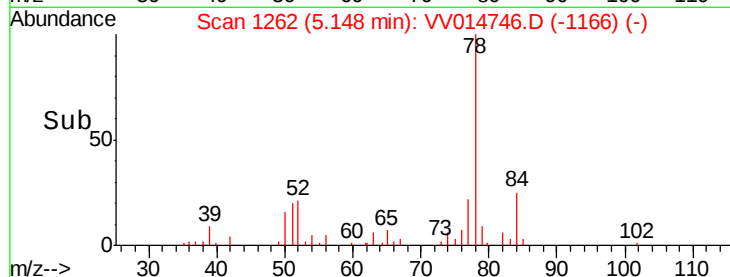
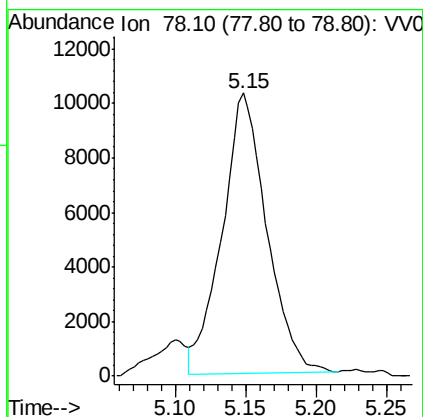
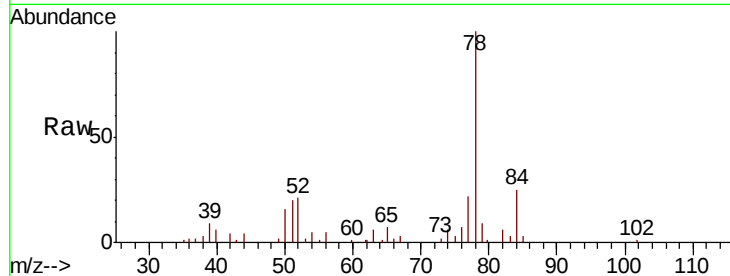




#33
Benzene
Concen: 0.302 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.01 min
Lab File: VV014746.D
Acq: 04 Mar 2020 20:09

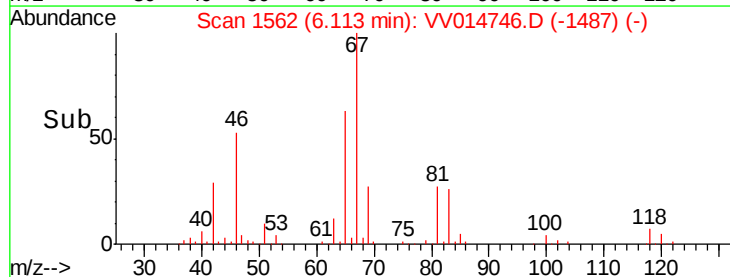
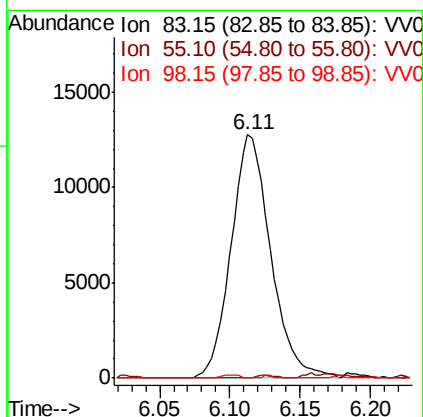
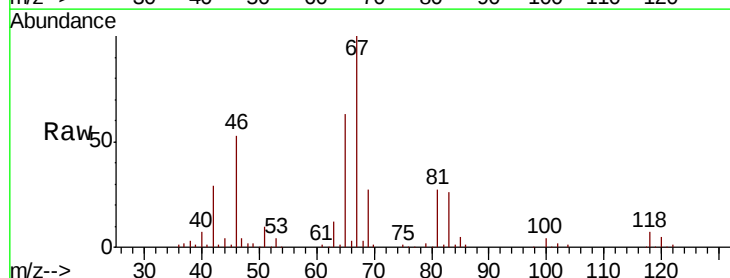
Instrument :
MSVOA_V
ClientSampled :

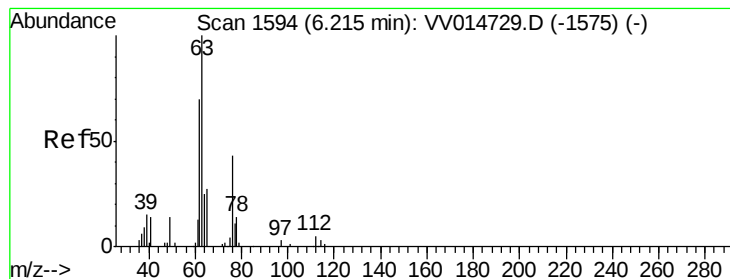
Tgt Ion: 78 Resp: 22757



#35
Methylcyclohexane
Concen: 0.748 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV014746.D
Acq: 04 Mar 2020 20:09

Tgt Ion: 83 Resp: 25104
Ion Ratio Lower Upper
83 100
55 0.5 64.6 96.8#
98 0.2 37.8 56.8#





#37

1,2-Dichloropropane

Concen: 0.644 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV014746.D

Acq: 04 Mar 2020 20:09

Instrument :

MSVOA_V

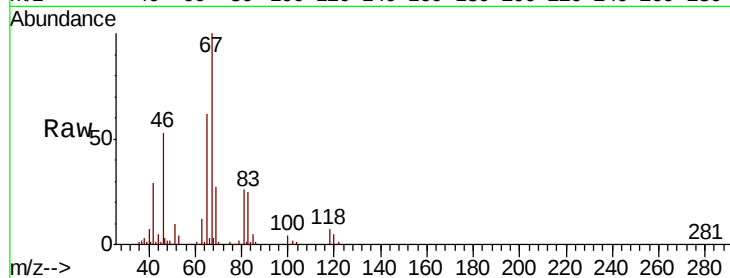
ClientSampleId :

Tot Ion: 63 Resp: 12402

Ion Ratio Lower Upper

63 100

112 0.4 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): VV0

6.12

6000

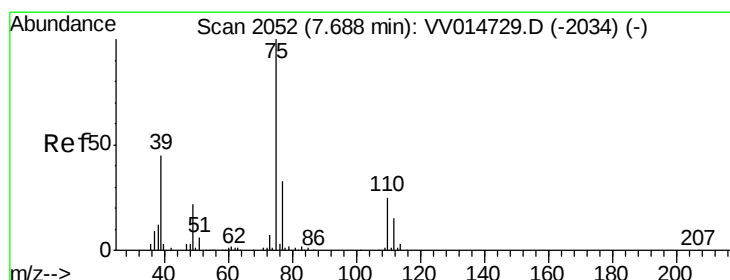
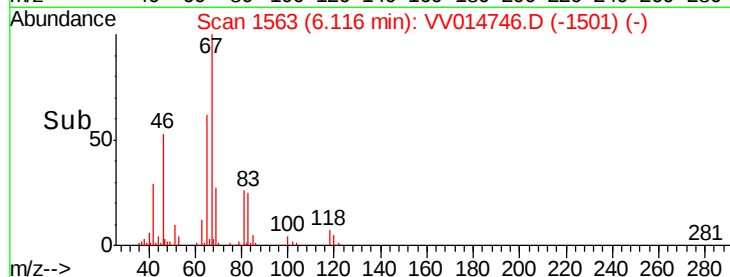
4000

2000

0

6.05 6.10 6.15 6.20

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.02 min

Lab File: VV014746.D

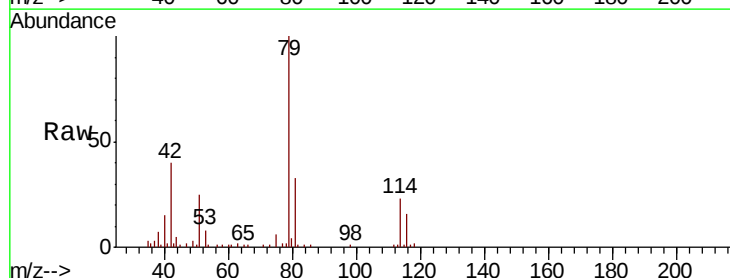
Acq: 04 Mar 2020 20:09

Tgt Ion: 75 Resp: 1814

Ion Ratio Lower Upper

75 100

77 36.1 22.5 41.9



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.67

1200

1000

800

600

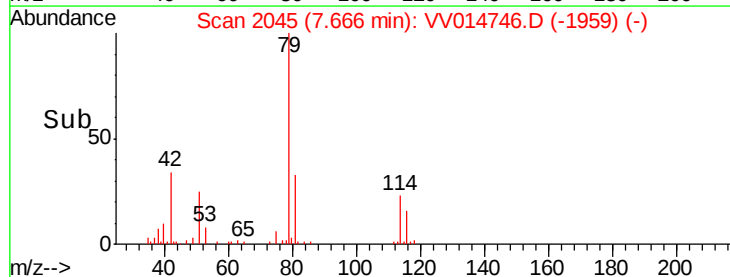
400

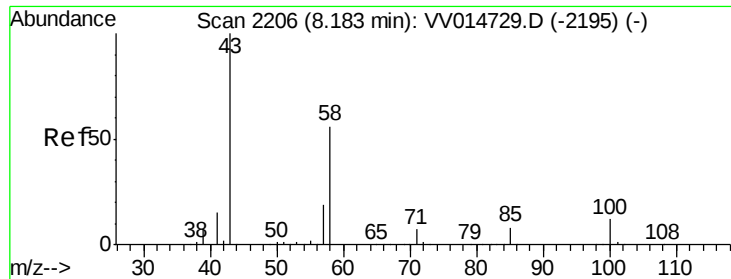
200

0

7.65 7.70

Time-->

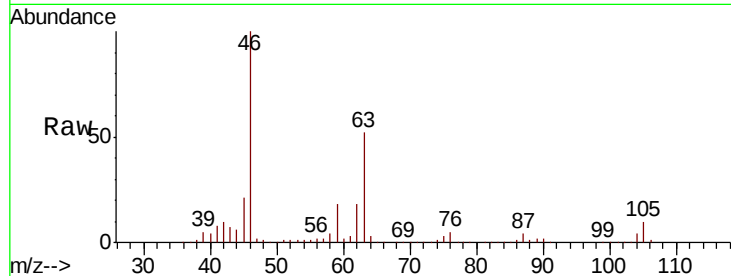




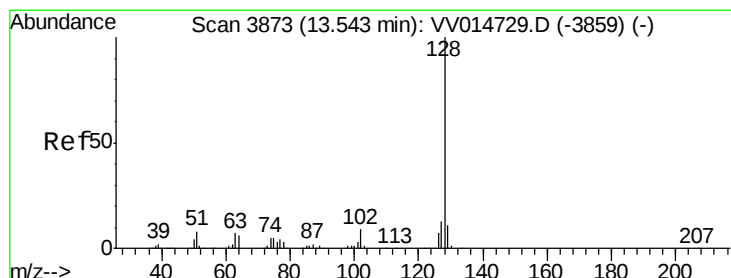
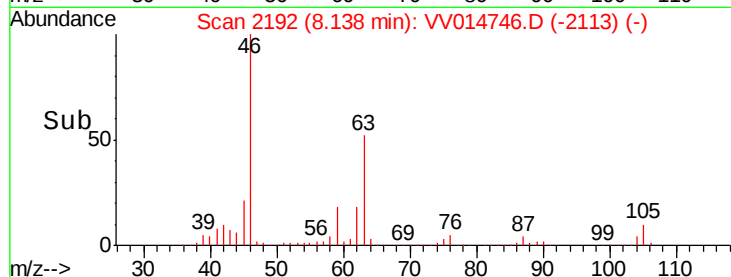
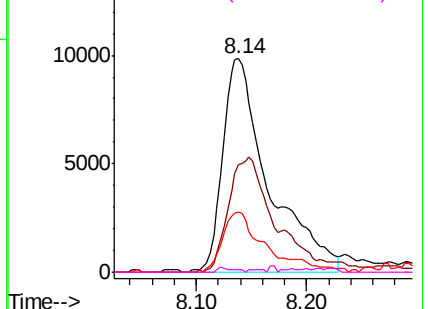
#48
2-Hexanone
Concen: 3.475 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.05 min
Lab File: VV014746.D
Acq: 04 Mar 2020 20:09

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 28533
Ion Ratio Lower Upper
43 100
58 56.6 43.1 64.7
57 23.5 14.6 21.8#
100 0.3 9.0 13.4#

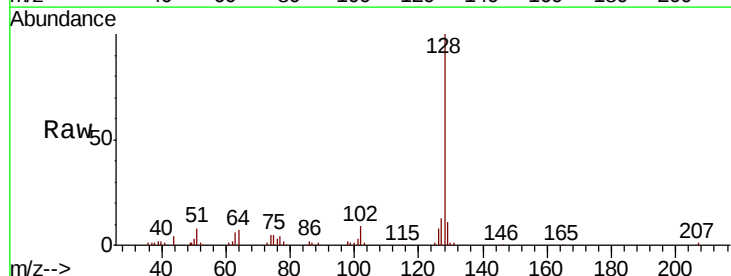


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0



#69
Naphthalene
Concen: 1.020 ug/L
RT: 13.55 min Scan# 3874
Delta R.T. 0.00 min
Lab File: VV014746.D
Acq: 04 Mar 2020 20:09

Tgt Ion: 128 Resp: 44241
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 12.9 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

