

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112019\
 Data File : VV013692.D
 Acq On : 20 Nov 2019 16:45
 Operator : SY/MD
 Sample : K5911-05
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 21 00:54:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 21 00:51:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	359749	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	340483	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	148517	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	94903	4.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.40%
7) Chloroethane-d5	1.58	69	96405	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.13	63	128833	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	3.95	46	347408	67.60	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	135.20%#
24) Chloroform-d	4.40	84	238149	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.08	65	125569	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
32) Benzene-d6	5.10	84	449821	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.11	67	145799	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.36	98	373102	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	7.66	79	46396	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	8.14	63	231789	56.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.50%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	114964	5.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	150407	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

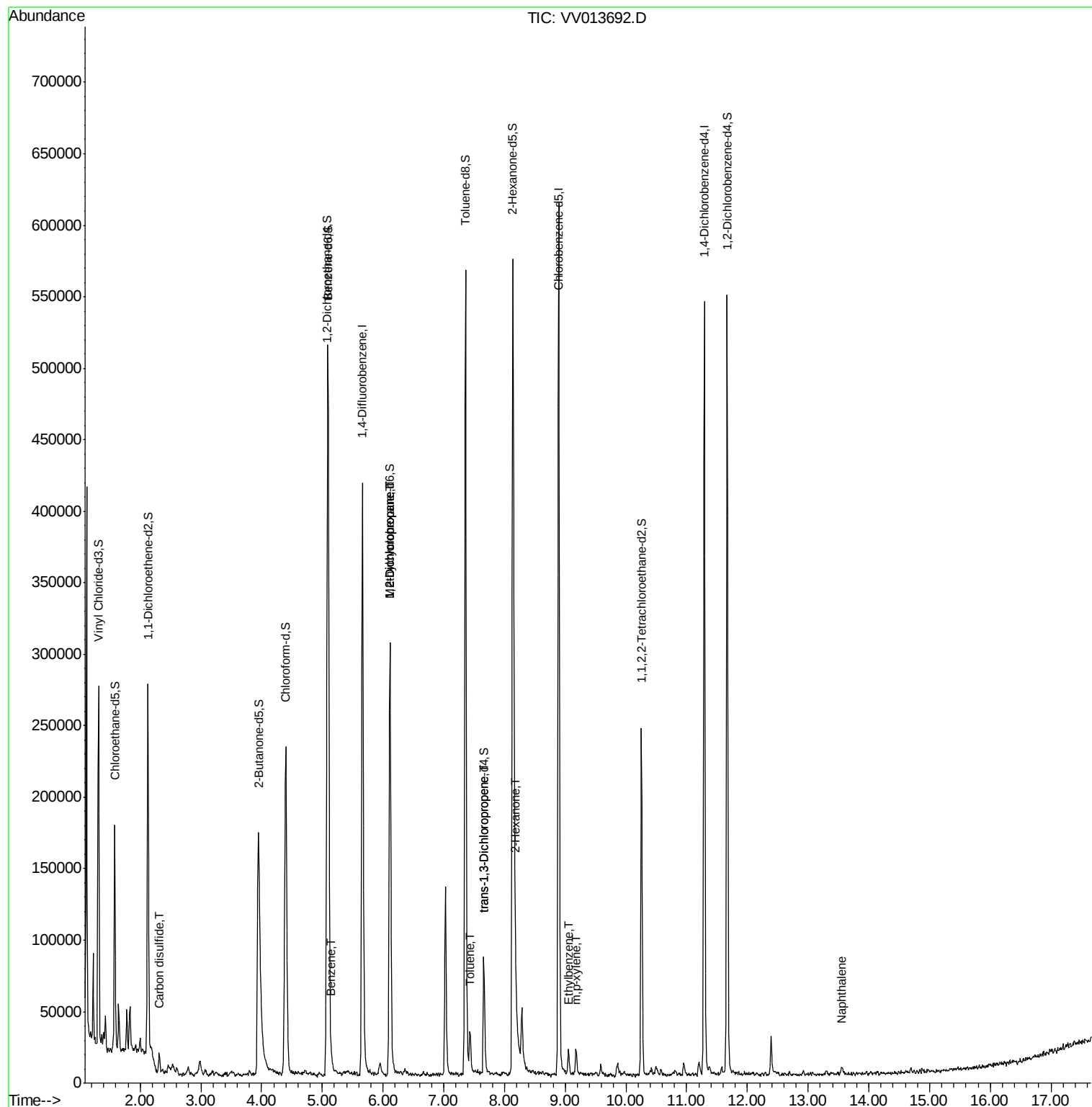
					Ovalue
14) Carbon disulfide	2.32	76	15316	0.207 ug/L	99
33) Benzene	5.15	78	6844	0.066 ug/L	100
35) Methylcyclohexane	6.11	83	36345	0.864 ug/L #	18
37) 1,2-Dichloropropane	6.11	63	15803	0.640 ug/L #	85
42) Toluene	7.43	91	20218	0.184 ug/L	94
44) trans-1,3-Dichloropropene	7.66	75	1972	0.071 ug/L #	68
48) 2-Hexanone	8.18	43	13002	1.277 ug/L #	47
52) Ethylbenzene	9.05	91	11416	0.097 ug/L	97
53) m,p-xylene	9.18	106	5294	0.120 ug/L	87
69) Naphthalene	13.55	128	3712	0.080 ug/L	98

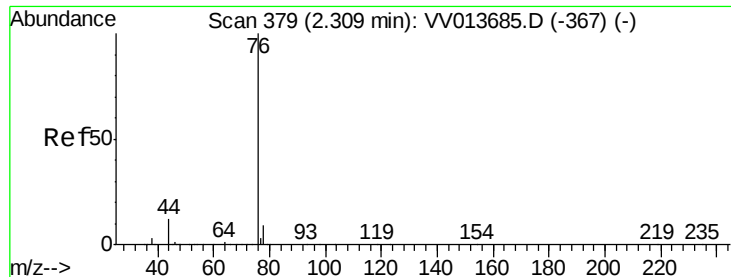
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 21 00:51:34 2019
Response via : Initial Calibration





#14

Carbon disulfide

Concen: 0.207 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.01 min

Lab File: VV013692.D

Acq: 20 Nov 2019 16:45

Instrument :

MSVOA_V

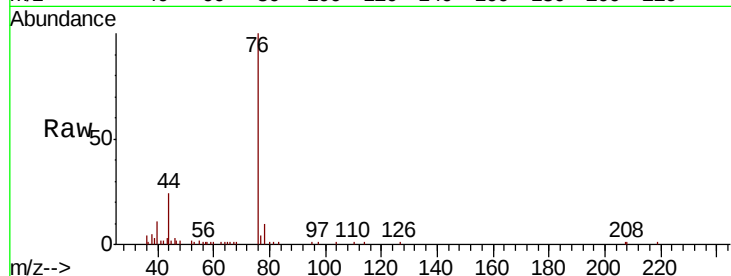
ClientSampleId :

Tot Ion: 76 Resp: 15316

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.2

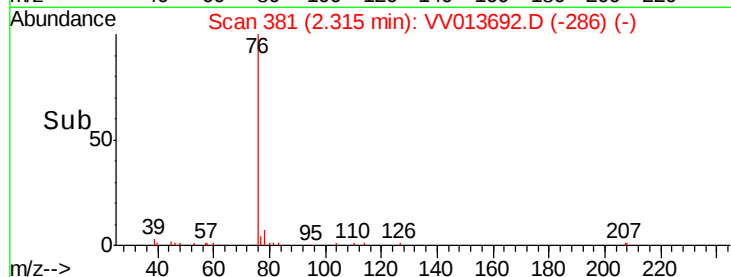


Abundance Ion 76.05 (75.75 to 76.75): VV013685.D (-367) (-)

Ion 78.00 (77.70 to 78.70): VV013692.D (-286) (-)

2.32

Time-->



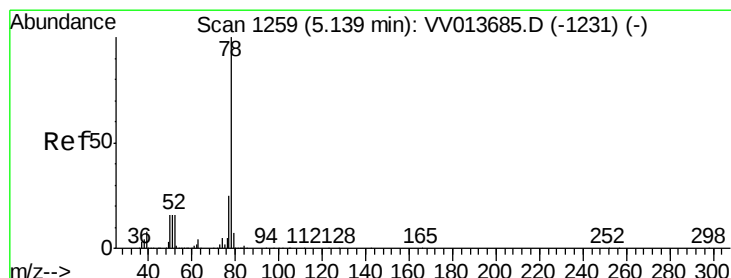
Abundance

Ion 76.05 (75.75 to 76.75): VV013685.D (-367) (-)

Ion 78.00 (77.70 to 78.70): VV013692.D (-286) (-)

2.32

Time-->



#33

Benzene

Concen: 0.066 ug/L

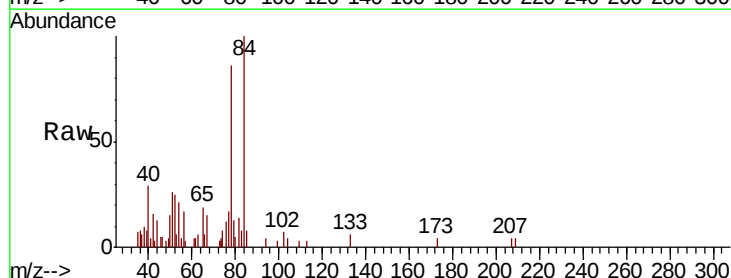
RT: 5.15 min Scan# 1262

Delta R.T. 0.01 min

Lab File: VV013692.D

Acq: 20 Nov 2019 16:45

Tgt Ion: 78 Resp: 6844

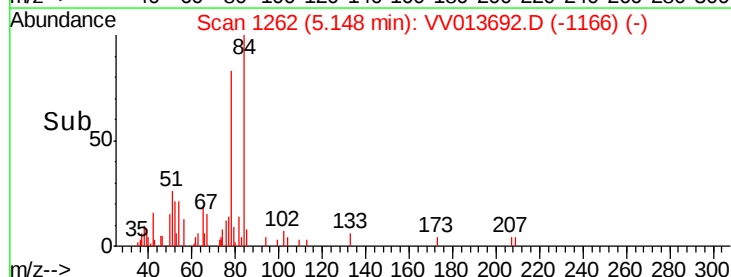


Abundance Ion 78.10 (77.80 to 78.80): VV013685.D (-1231) (-)

Ion 78.10 (77.80 to 78.80): VV013692.D (-1166) (-)

5.15

Time-->



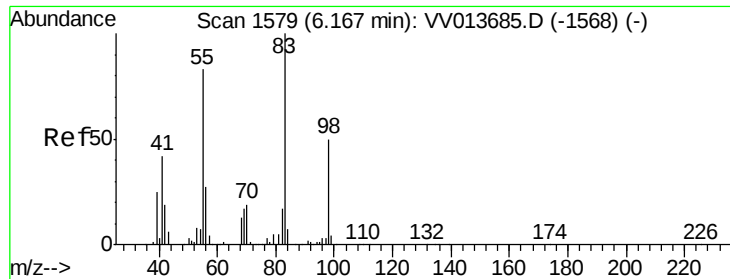
Abundance

Ion 78.10 (77.80 to 78.80): VV013685.D (-1231) (-)

Ion 78.10 (77.80 to 78.80): VV013692.D (-1166) (-)

5.15

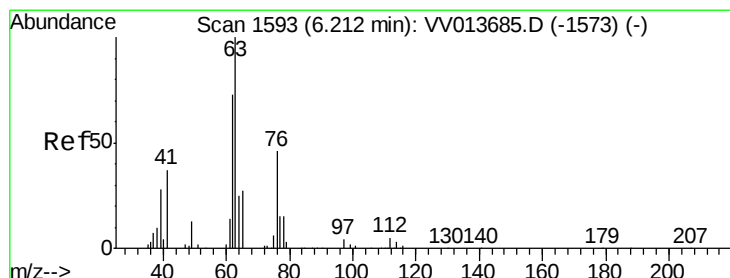
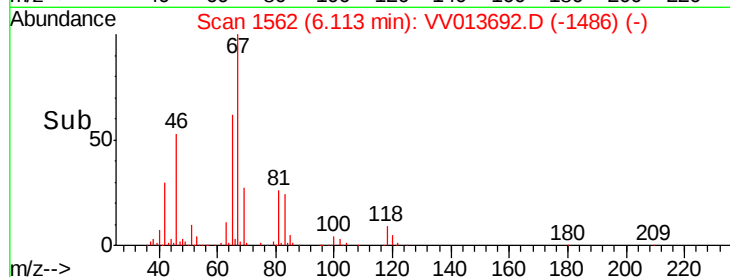
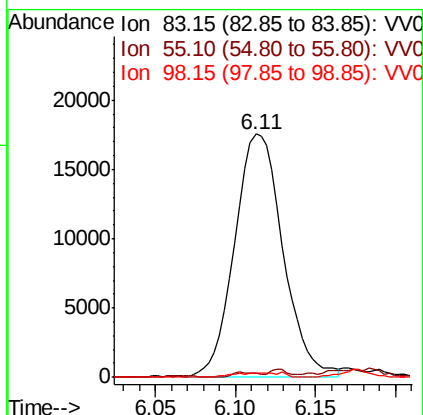
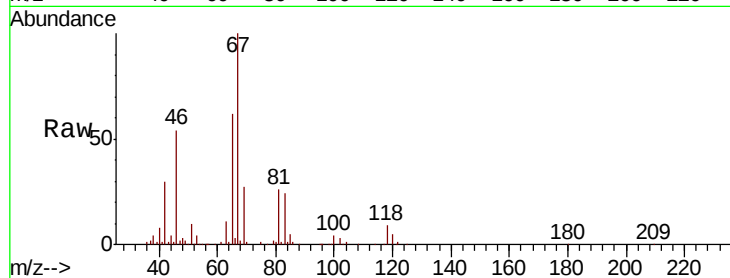
Time-->



#35
Methvlcvclohexane
Concen: 0.864 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.05 min
Lab File: VV013692.D
Acq: 20 Nov 2019 16:45

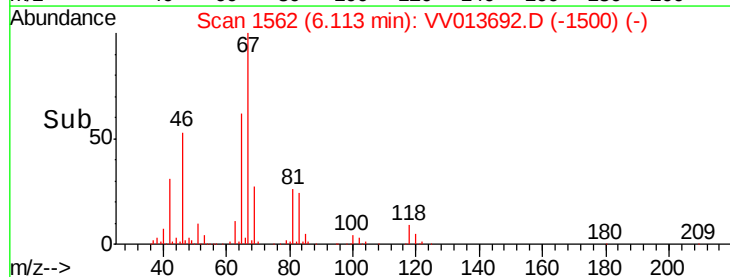
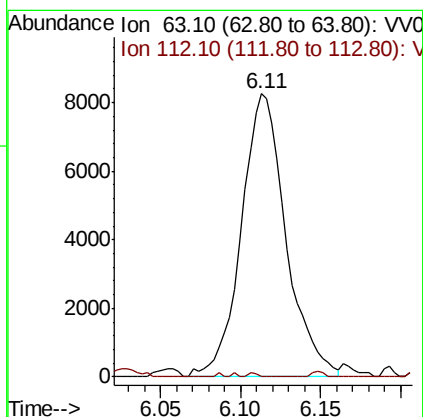
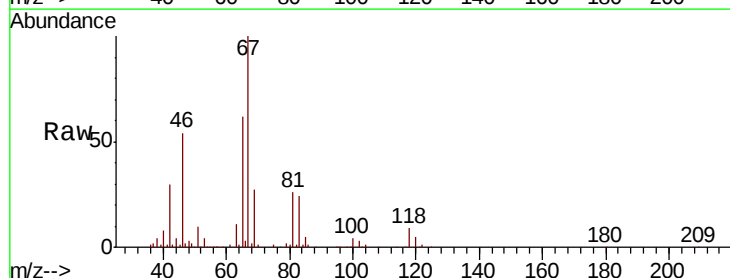
Instrument :
MSVOA_V
ClientSampleId :

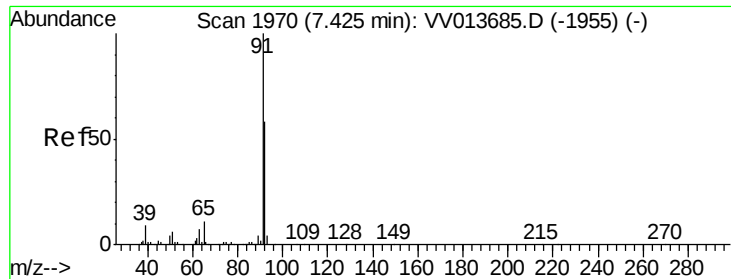
Tot Ion: 83 Resp: 36345
Ion Ratio Lower Upper
83 100
55 1.2 64.1 96.1#
98 1.6 38.2 57.2#



#37
1,2-Dichloropropane
Concen: 0.640 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV013692.D
Acq: 20 Nov 2019 16:45

Tgt Ion: 63 Resp: 15803
Ion Ratio Lower Upper
63 100
112 0.3 4.1 6.1#





#42

Toluene

Concen: 0.184 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VV013692.D

Acq: 20 Nov 2019 16:45

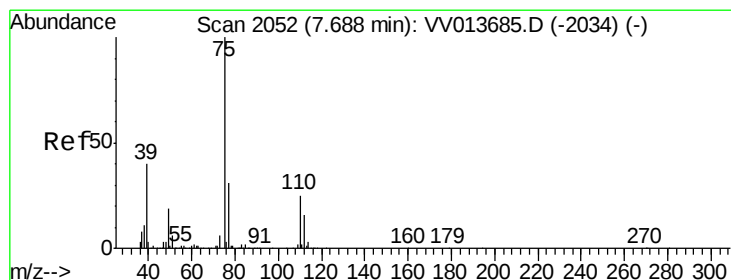
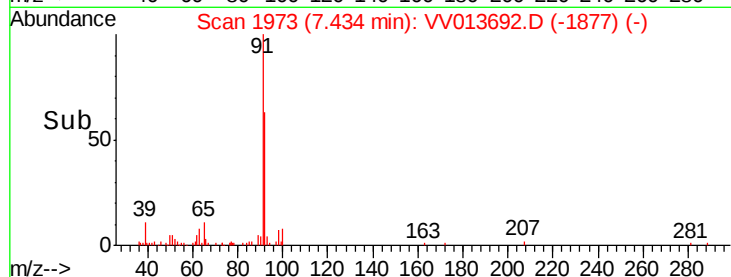
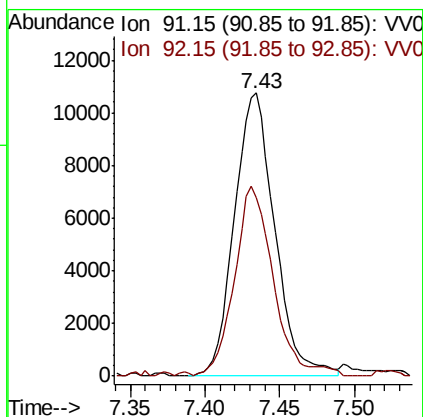
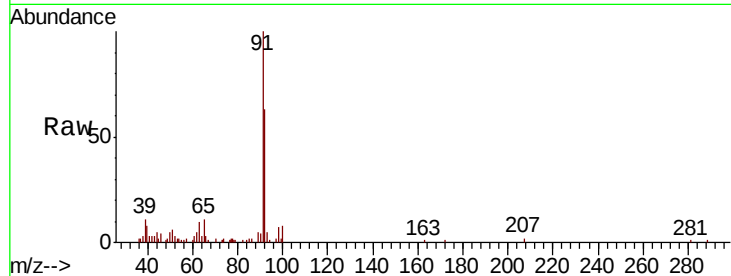
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 20218

Ion Ratio Lower Upper

91 100

92 63.2 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 0.071 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV013692.D

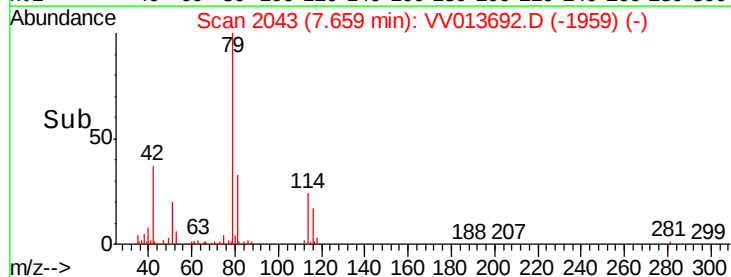
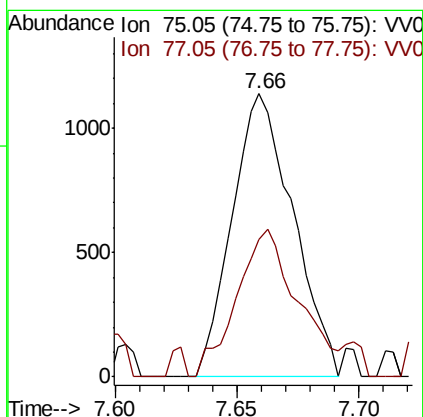
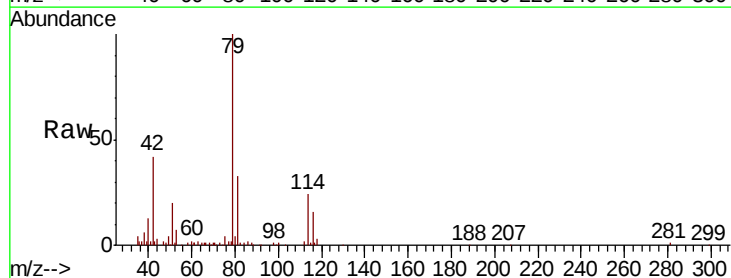
Acq: 20 Nov 2019 16:45

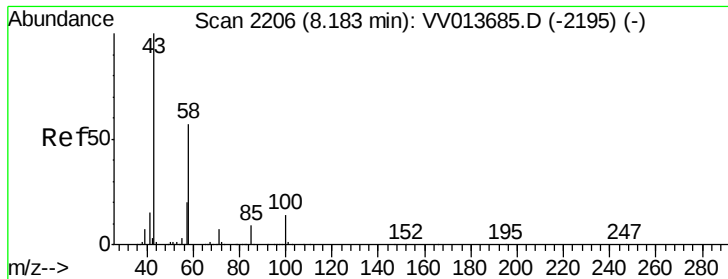
Tgt Ion: 75 Resp: 1972

Ion Ratio Lower Upper

75 100

77 48.6 21.6 40.2#

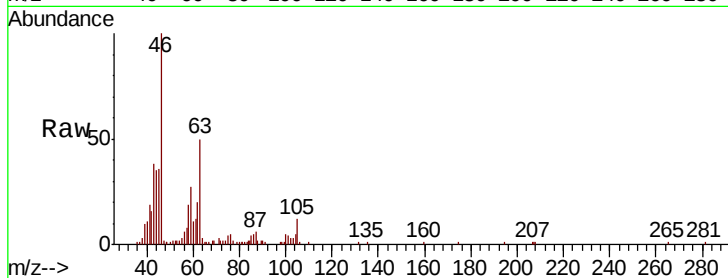




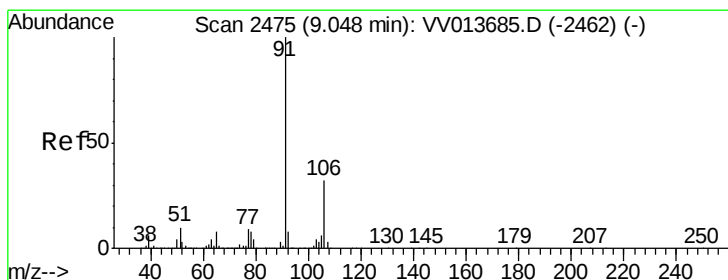
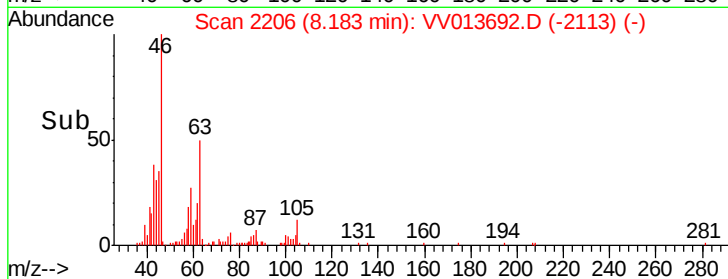
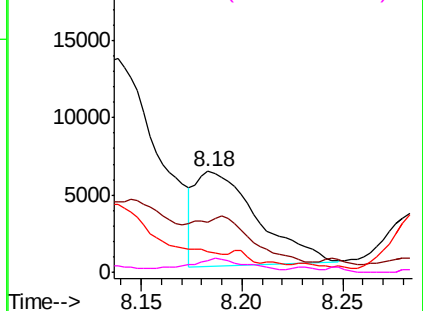
#48
2-Hexanone
Concen: 1.277 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. -0.00 min
Lab File: VV013692.D
Acq: 20 Nov 2019 16:45

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	0.0	43.0	64.6#
57	9.4	15.4	23.2#
100	15.1	10.1	15.1

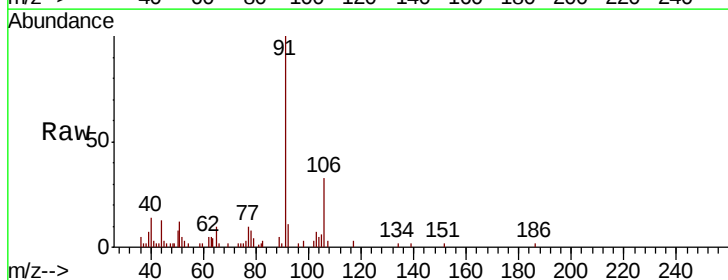


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

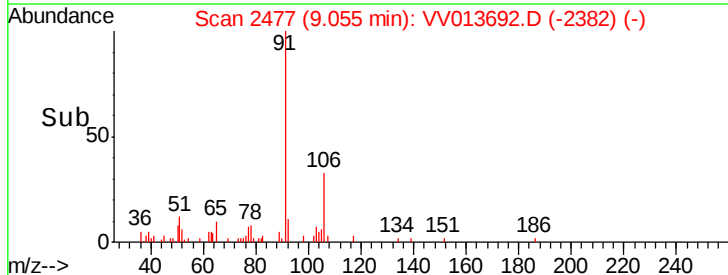
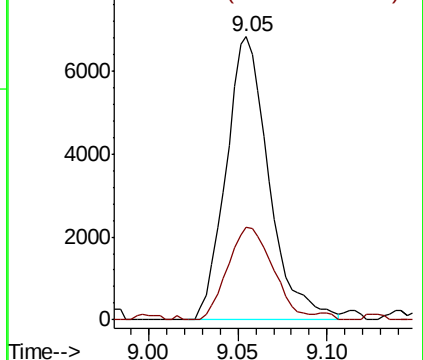


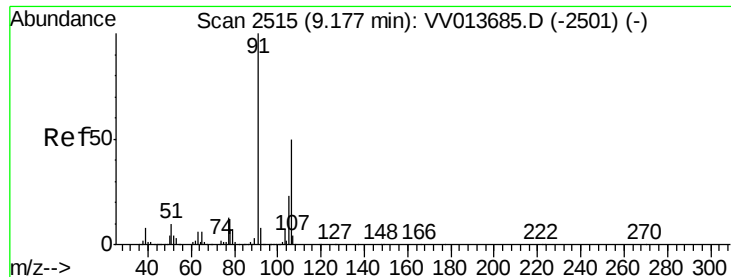
#52
Ethylbenzene
Concen: 0.097 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. 0.01 min
Lab File: VV013692.D
Acq: 20 Nov 2019 16:45

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.7	21.7	40.3



Abundance Ion 91.15 (90.85 to 91.85): VV0
Ion 106.15 (105.85 to 106.85): VV0





#53

m,p-xylene

Concen: 0.120 ug/L

RT: 9.18 min Scan# 2515

Delta R.T. -0.00 min

Lab File: VV013692.D

Acq: 20 Nov 2019 16:45

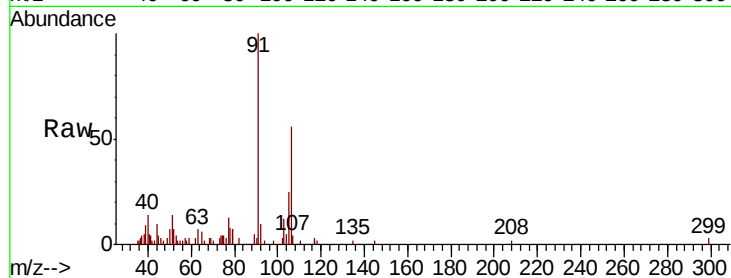
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:106 Resp: 5294

Ion Ratio Lower Upper

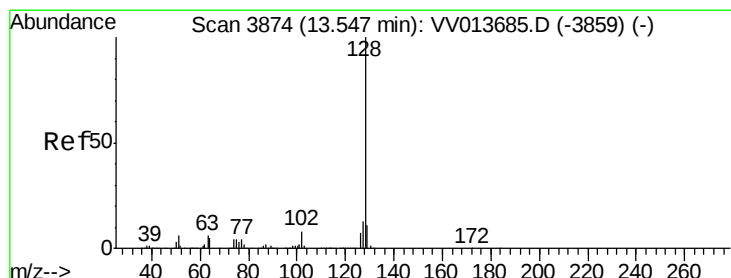
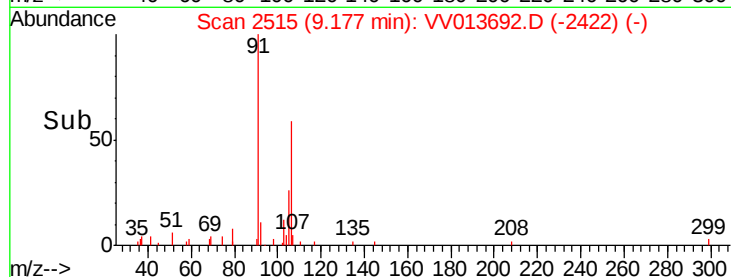
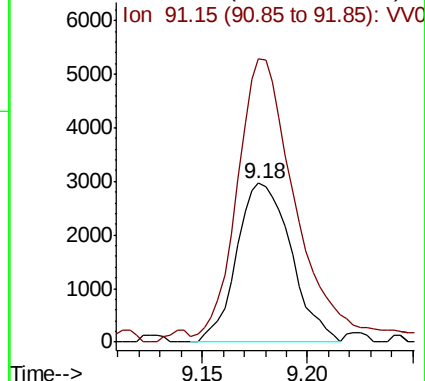
106 100

91 178.4 138.1 256.5



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#69

Naphthalene

Concen: 0.080 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. 0.01 min

Lab File: VV013692.D

Acq: 20 Nov 2019 16:45

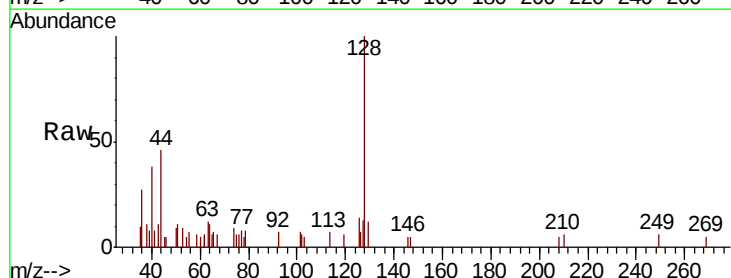
Tgt Ion:128 Resp: 3712

Ion Ratio Lower Upper

128 100

129 9.4 8.6 13.0

127 12.4 10.4 15.6



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

