

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092820\
 Data File : VV018505.D
 Acq On : 28 Sep 2020 19:51
 Operator : SY/MD
 Sample : L4109-16
 Misc : 6.18g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3X7

Quant Time: Sep 29 00:54:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 29 00:50:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	365158	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	357054	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.28	152	182227	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	96924	32.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.14%
7) Chloroethane-d5	1.58	69	80231	32.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	65.90%#
11) 1,1-Dichloroethene-d2	2.10	63	138665	25.40	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.80%#
21) 2-Butanone-d5	3.94	46	131414	72.15	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	72.15%
24) Chloroform-d	4.37	84	196544	38.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.14%
26) 1,2-Dichloroethane-d4	5.06	65	132289	39.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.94%
32) Benzene-d6	5.07	84	412826	40.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.78%
36) 1,2-Dichloropropane-d6	6.09	67	134798	41.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.00%
41) Toluene-d8	7.34	98	375608	40.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.64%
43) trans-1,3-Dichloropropene-	7.64	79	65041	39.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.82%
47) 2-Hexanone-d5	8.14	63	101800	82.75	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.75%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	166987	40.96	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.92%
64) 1,2-Dichlorobenzene-d4	11.65	152	162903	43.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.06%

Target Compounds

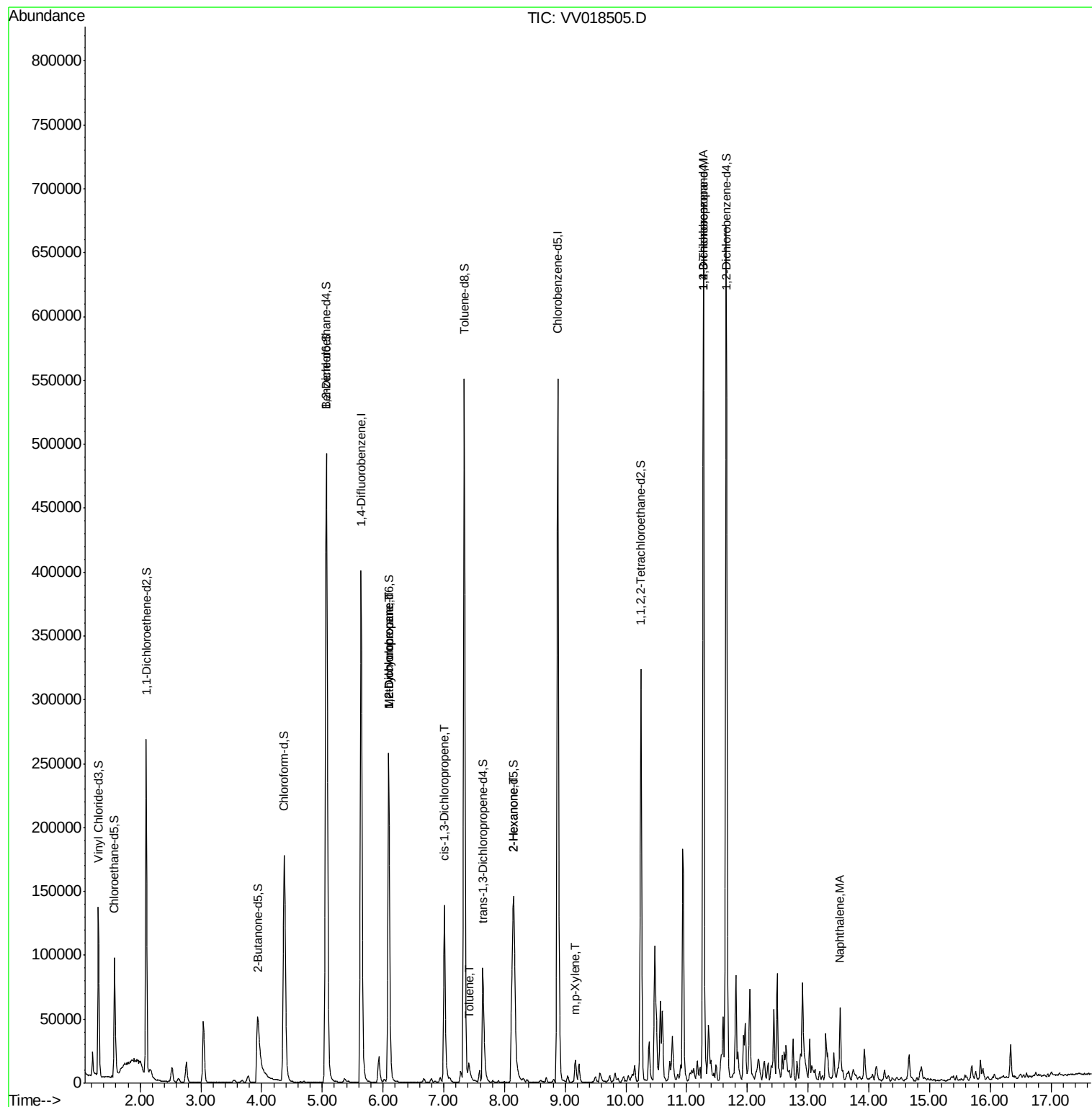
					Ovalue
35) Methylcyclohexane	6.09	83	32537	7.771 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	14237	5.263 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3584	0.860 ug/L #	55
42) Toluene	7.41	91	11406	1.056 ug/L	98
48) 2-Hexanone	8.15	43	15163	5.861 ug/L #	46
53) m,p-Xylene	9.16	106	5364	1.218 ug/L	96
59) 1,2,3-Trichloropropane	11.28	75	20328	6.389 ug/L	90
69) Naphthalene	13.53	128	43385	4.507 ug/L	100

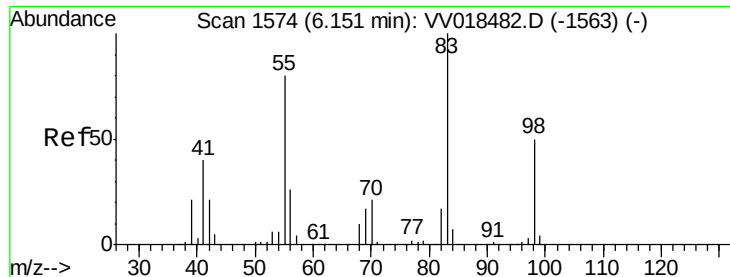
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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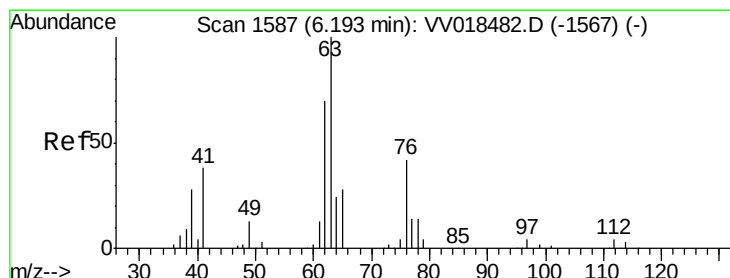
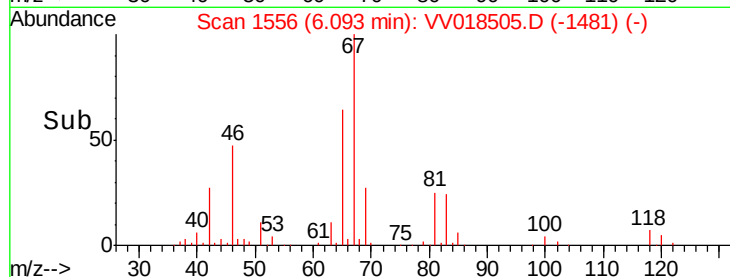
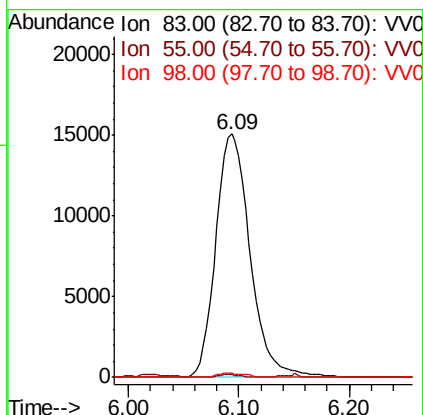
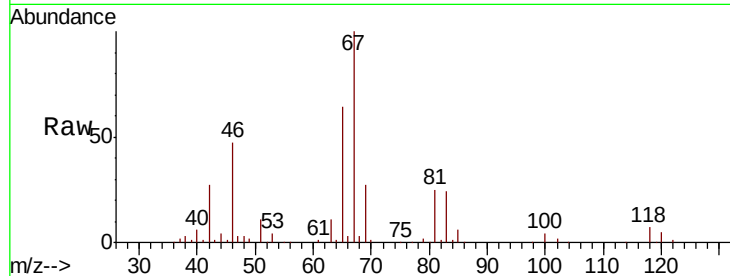




#35
Methylvlcyclohexane
Concen: 7.771 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018505.D
Acq: 28 Sep 2020 19:51

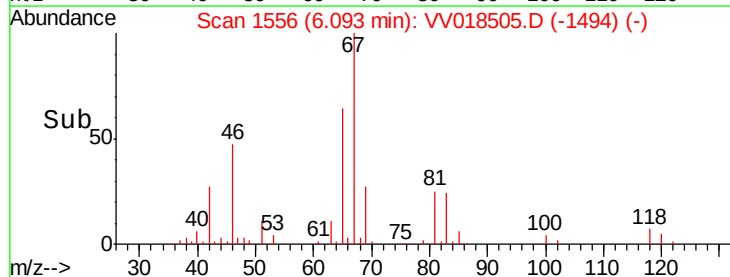
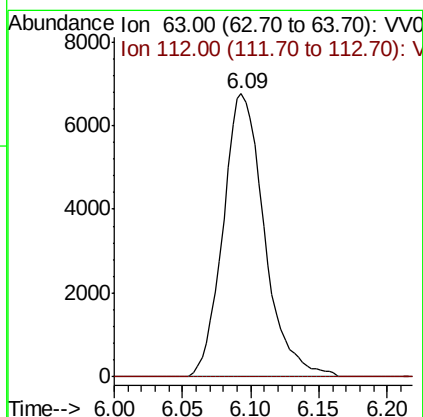
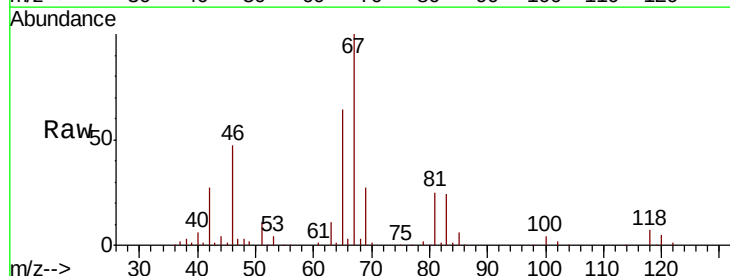
Instrument :
MSVOA_V
ClientSampleId :
BG3X7

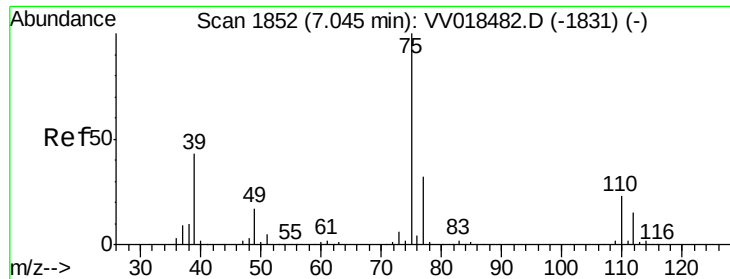
Tot Ion	83	Resp	32537
Ion Ratio	Lower	Upper	
83	100		
55	0.7	63.4	95.2#
98	1.4	38.8	58.2#



#37
1,2-Dichloropropane
Concen: 5.263 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV018505.D
Acq: 28 Sep 2020 19:51

Tgt Ion	63	Resp	14237
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.4	5.2#

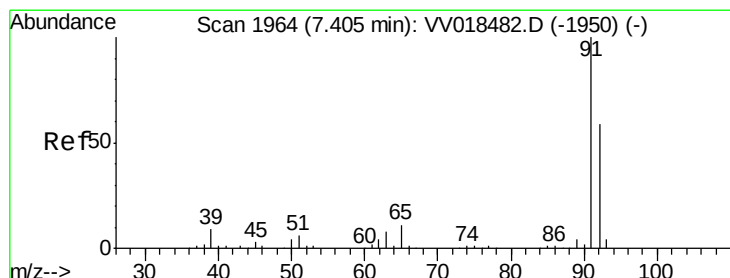
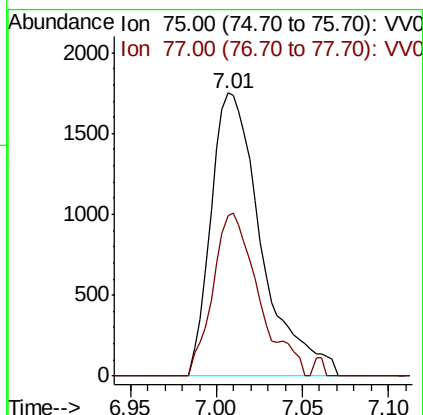
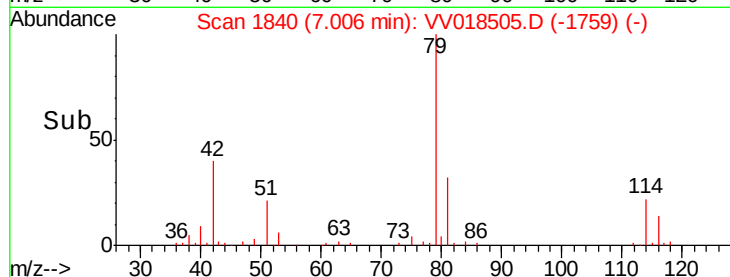
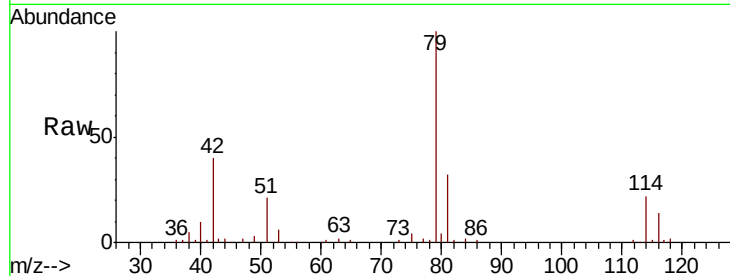




#39
 cis-1,3-Dichloropropene
 Concen: 0.860 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018505.D
 Acq: 28 Sep 2020 19:51

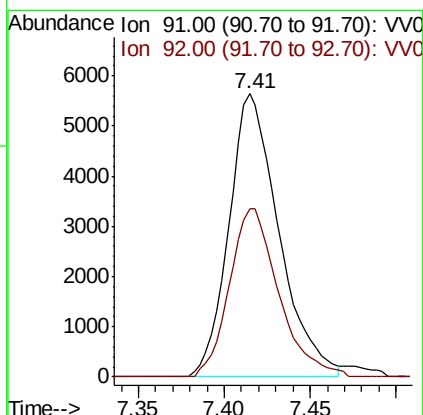
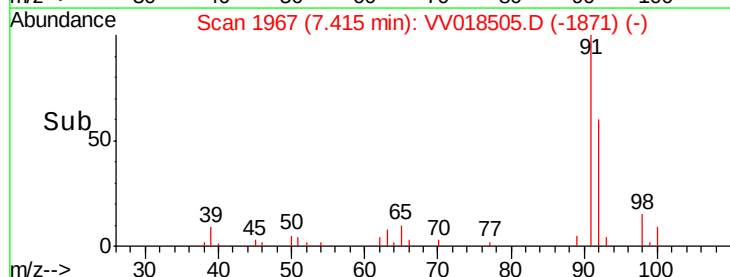
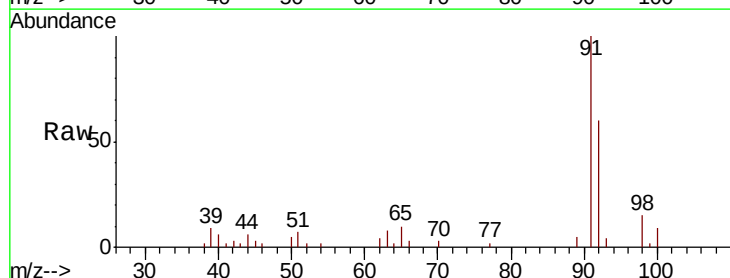
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3X7

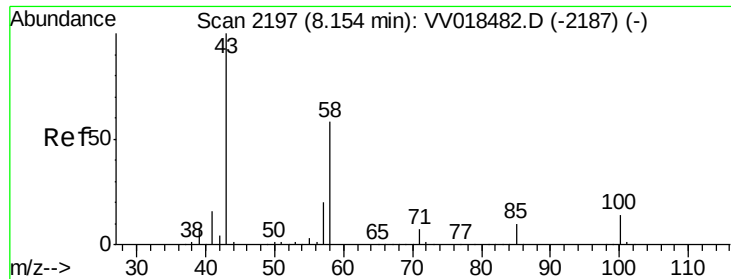
Tot Ion: 75 Resp: 3584
 Ion Ratio Lower Upper
 75 100
 77 56.6 22.3 41.3#



#42
 Toluene
 Concen: 1.056 ug/L
 RT: 7.41 min Scan# 1967
 Delta R.T. 0.01 min
 Lab File: VV018505.D
 Acq: 28 Sep 2020 19:51

Tgt Ion: 91 Resp: 11406
 Ion Ratio Lower Upper
 91 100
 92 59.6 40.7 75.5

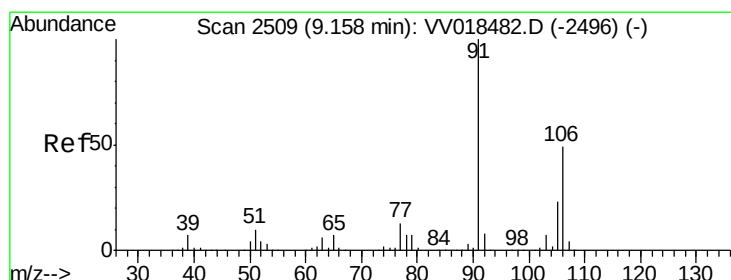
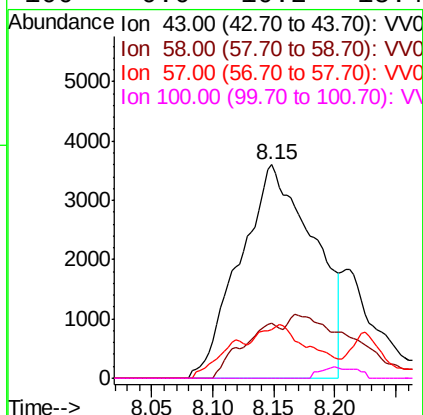
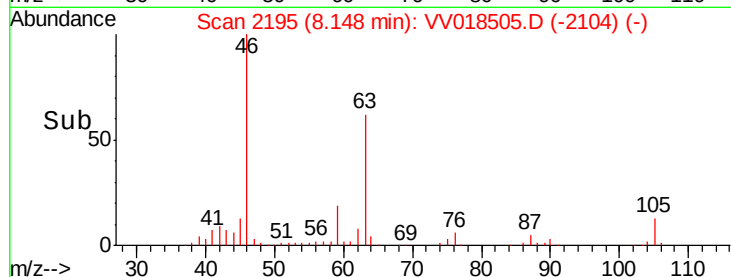
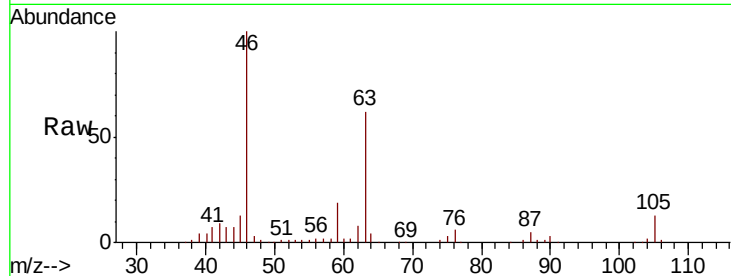




#48
2-Hexanone
Concen: 5.861 ug/L
RT: 8.15 min Scan# 2195
Delta R.T. -0.01 min
Lab File: VV018505.D
Acq: 28 Sep 2020 19:51

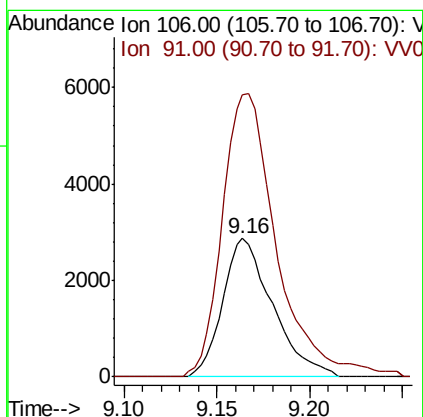
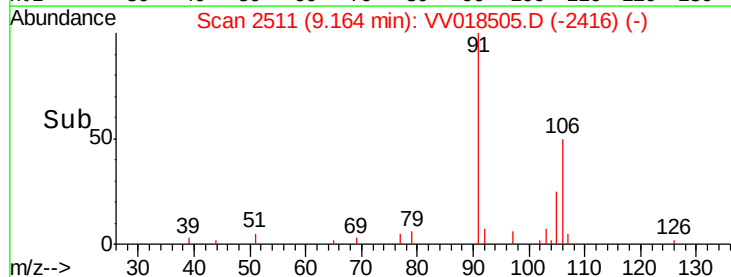
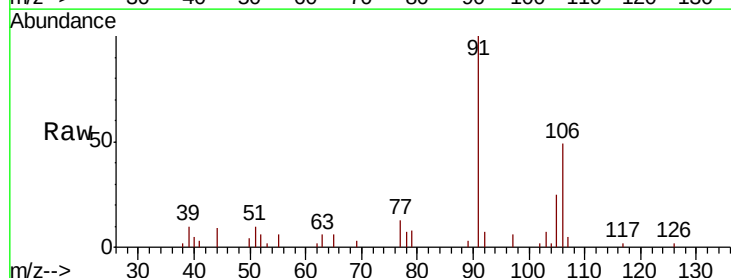
Instrument :
MSVOA_V
ClientSampled :
BG3X7

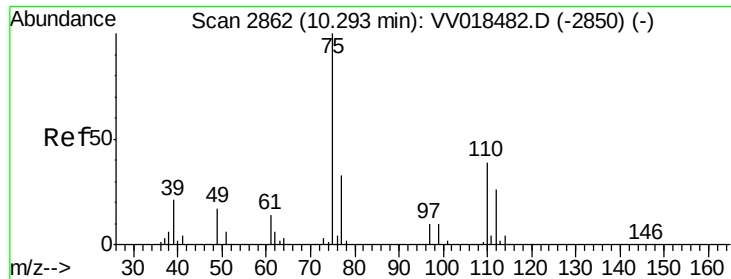
Tot Ion	Ratio	Lower	Upper
43	100		
58	6.0	44.8	67.2#
57	6.5	15.8	23.6#
100	0.0	10.2	15.4#



#53
m,p-Xylene
Concen: 1.218 ug/L
RT: 9.16 min Scan# 2511
Delta R.T. 0.01 min
Lab File: VV018505.D
Acq: 28 Sep 2020 19:51

Tgt Ion	Ratio	Lower	Upper
106	100		
91	203.2	146.7	272.5





#59

1,2,3-Trichloropropane

Concen: 6.389 ug/L

RT: 11.28 min Scan# 3168

Delta R.T. 0.98 min

Lab File: VV018505.D

Acq: 28 Sep 2020 19:51

Instrument :

MSVOA_V

ClientSampled :

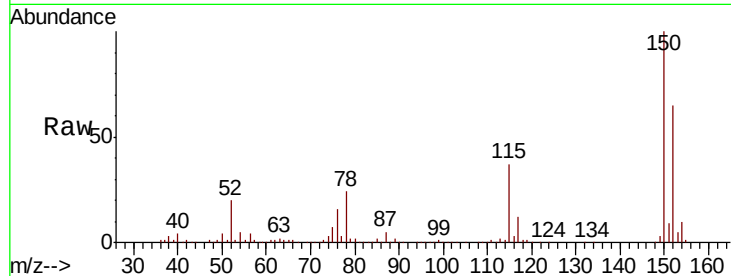
BG3X7

Tot Ion: 75 Resp: 20328

Ion Ratio Lower Upper

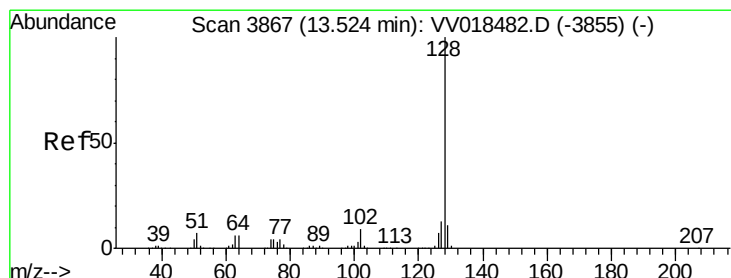
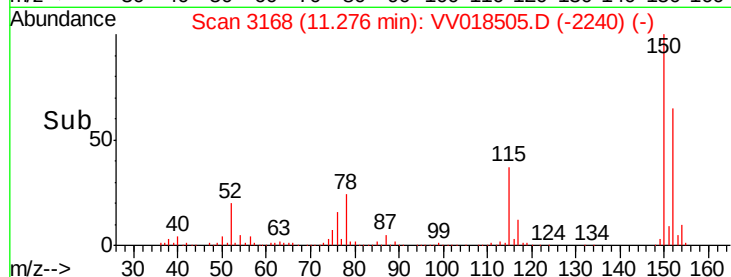
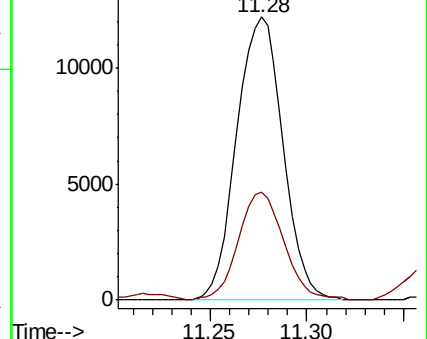
75 100

77 37.7 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VV018482.D (-2850) (-)

Ion 77.00 (76.70 to 77.70): VV018482.D (-2850) (-)



#69

Naphthalene

Concen: 4.507 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.01 min

Lab File: VV018505.D

Acq: 28 Sep 2020 19:51

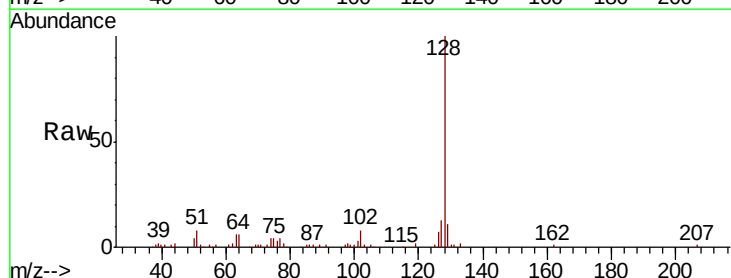
Tgt Ion: 128 Resp: 43385

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

129 10.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): VV018482.D (-3855) (-)

Ion 127.00 (126.70 to 127.70): VV018482.D (-3855) (-)

Ion 129.00 (128.70 to 129.70): VV018482.D (-3855) (-)

