

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061520\
 Data File : VV016928.D
 Acq On : 15 Jun 2020 11:41
 Operator : SY/MD
 Sample : L2914-14 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E26

Quant Time: Jun 16 05:49:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 16 05:46:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	374443	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	345695	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	166378	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	107673	40.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.50%
7) Chloroethane-d5	1.56	69	65144	41.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.18%
11) 1,1-Dichloroethene-d2	2.12	63	149200	33.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.26%
21) 2-Butanone-d5	3.90	46	162337	83.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.01%
24) Chloroform-d	4.37	84	232755	43.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.64%
26) 1,2-Dichloroethane-d4	5.05	65	167772	45.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.82%
32) Benzene-d6	5.07	84	459433	46.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.09	67	141270	45.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.96%
41) Toluene-d8	7.34	98	423166	46.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.56%
43) trans-1,3-Dichloropropene-	7.64	79	72069	44.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.10%
47) 2-Hexanone-d5	8.11	63	91643	67.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	67.67%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	168591	41.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	169775	47.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.64%

Target Compounds

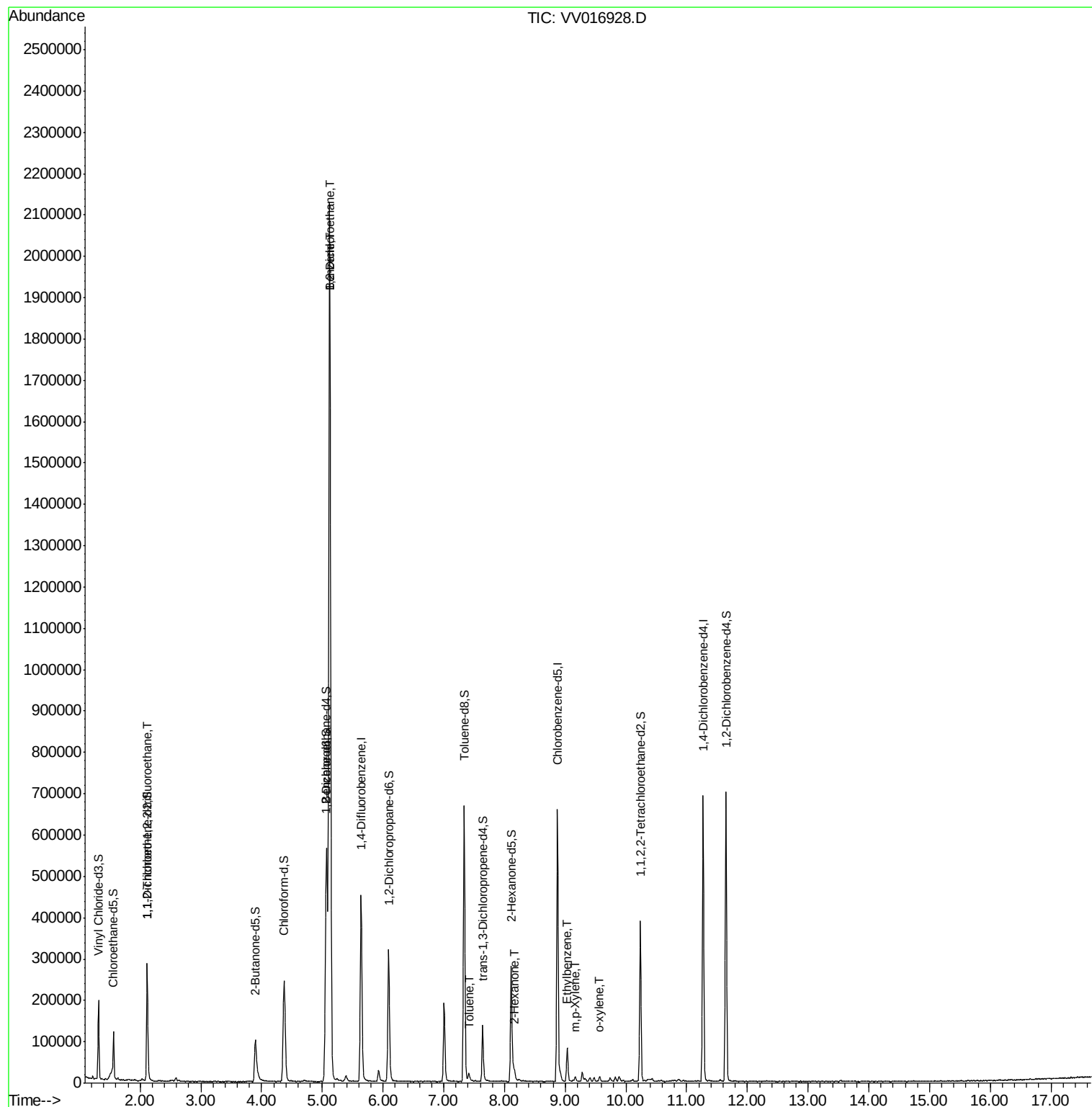
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1386	0.696	ug/L #	26
27) 1,2-Dichloroethane	5.12	62	28441	6.921	ug/L #	74
33) Benzene	5.12	78	2054681	200.885	ug/L	100
42) Toluene	7.41	91	12992	1.205	ug/L	99
48) 2-Hexanone	8.16	43	16265	5.566	ug/L #	82
52) Ethylbenzene	9.03	91	55291	4.630	ug/L	99
53) m,p-Xylene	9.16	106	2593	0.583	ug/L	98
54) o-xylene	9.57	106	2861	0.652	ug/L	100

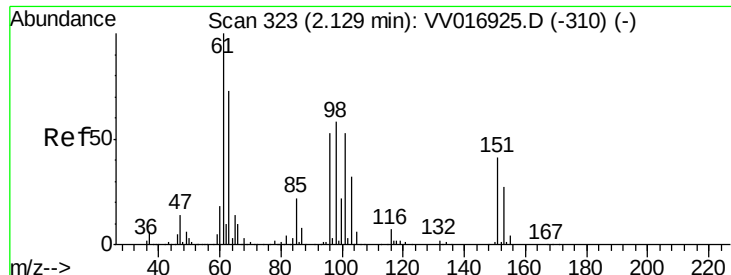
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV061520\
Data File : VV016928.D
Acq On : 15 Jun 2020 11:41
Operator : SY/MD
Sample : L2914-14 10X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9E26

Quant Time: Jun 16 05:49:01 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 16 05:46:50 2020
Response via : Initial Calibration





#10

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

Concen: 0.696 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016928.D

Acq: 15 Jun 2020 11:41

Instrument :

MSVOA_V

ClientSampleId :

F9E26

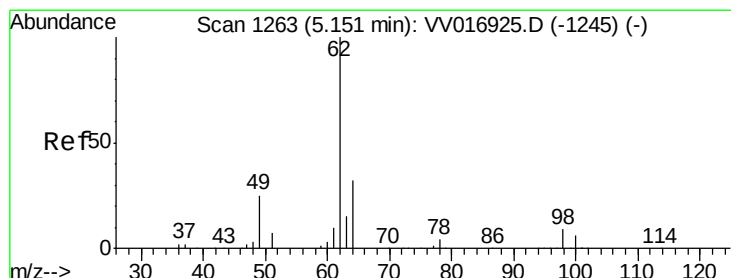
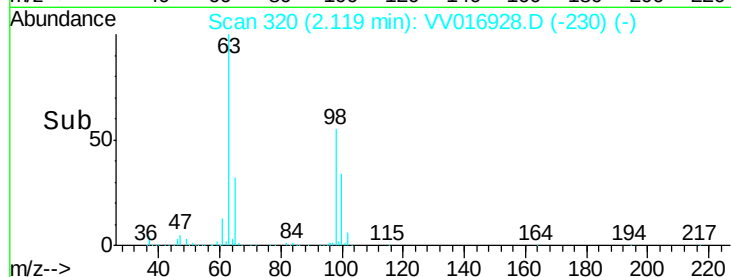
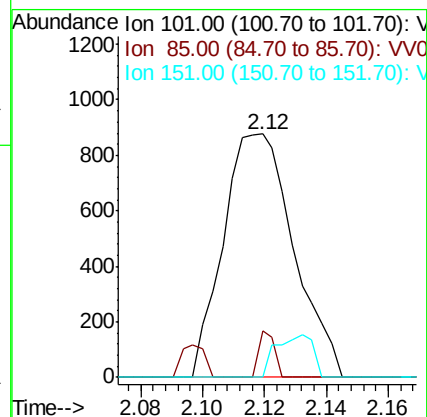
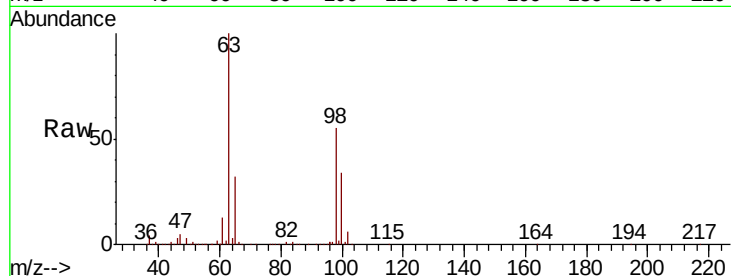
Tot Ion:101 Resp: 1386

Ion Ratio Lower Upper

101 100

85 4.3 35.5 53.3#

151 9.1 63.9 95.9#



#27

1,2-Dichloroethane

Concen: 6.921 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. -0.03 min

Lab File: VV016928.D

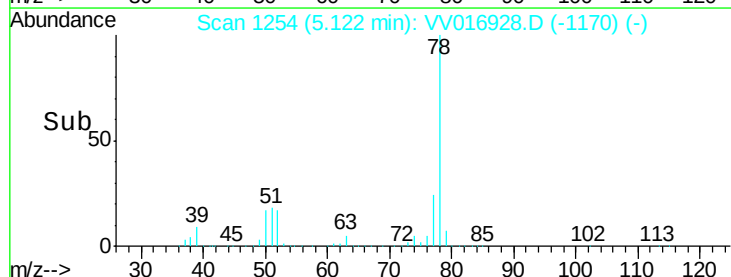
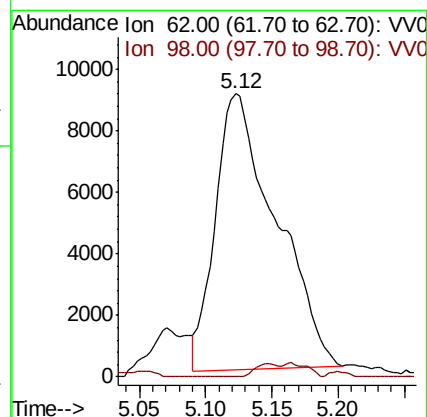
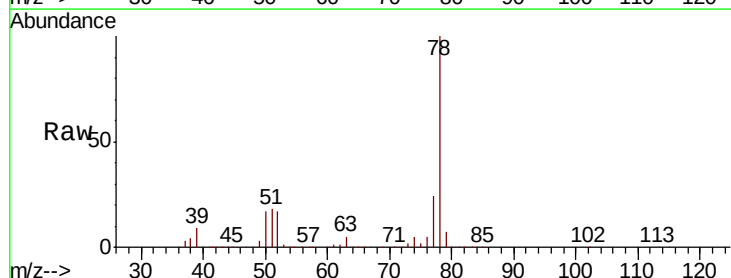
Acq: 15 Jun 2020 11:41

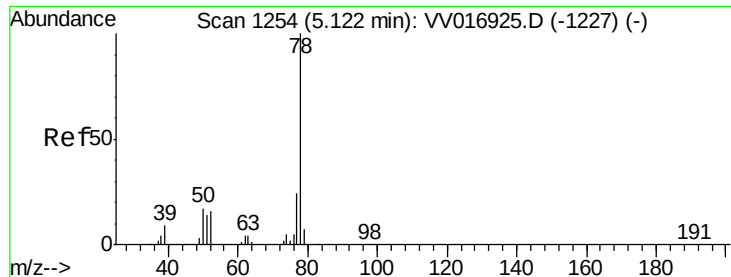
Tgt Ion: 62 Resp: 28441

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.2#





#33

Benzene

Concen: 200.885 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. 0.00 min

Lab File: VV016928.D

Acq: 15 Jun 2020 11:41

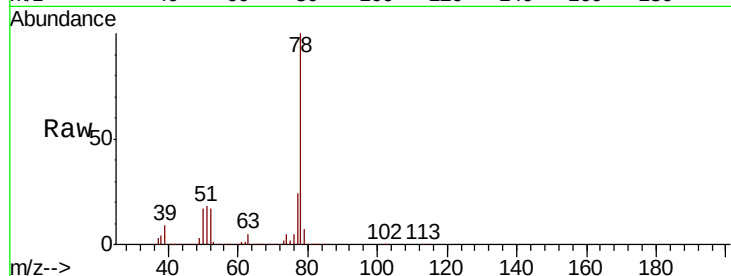
Instrument :

MSVOA_V

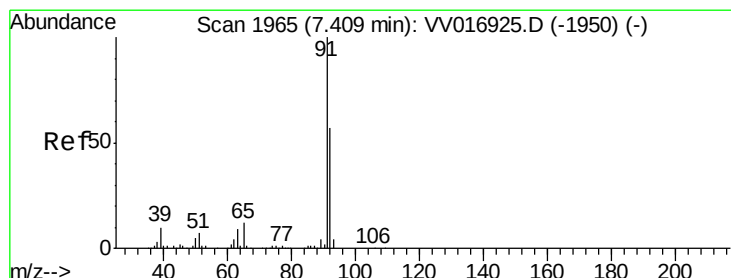
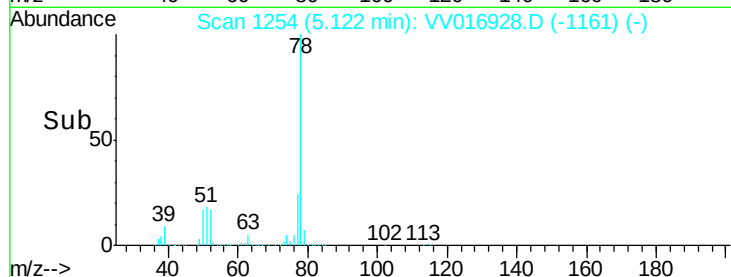
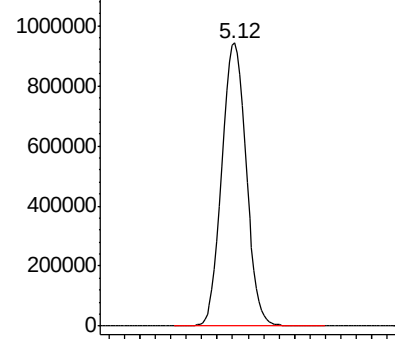
ClientSampleId :

F9E26

Tgt Ion: 78 Resp: 2054681



Abundance Ion 78.00 (77.70 to 78.70): VV0



#42

Toluene

Concen: 1.205 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016928.D

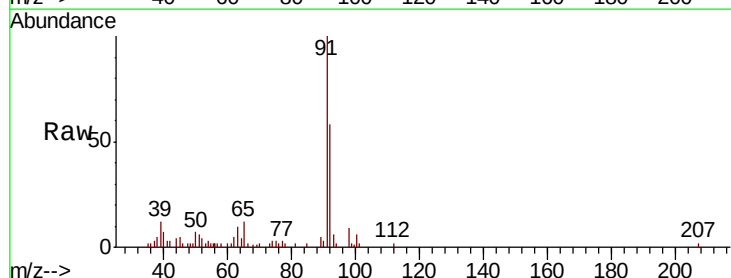
Acq: 15 Jun 2020 11:41

Tgt Ion: 91 Resp: 12992

Ion Ratio Lower Upper

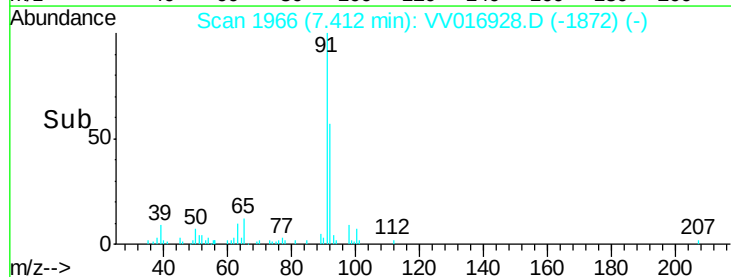
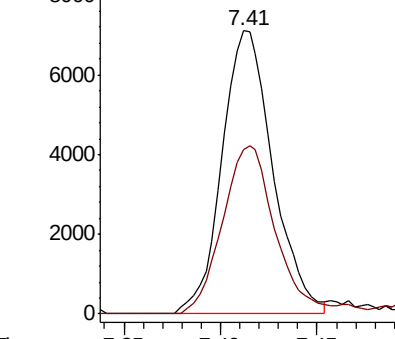
91 100

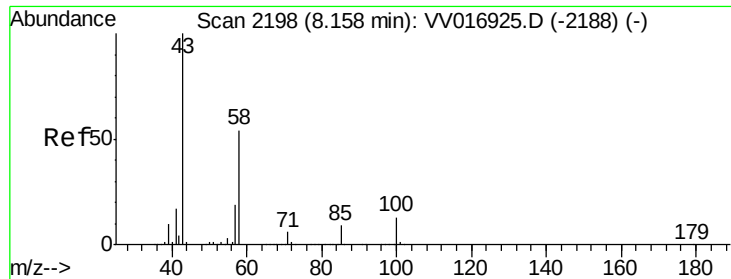
92 58.1 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0

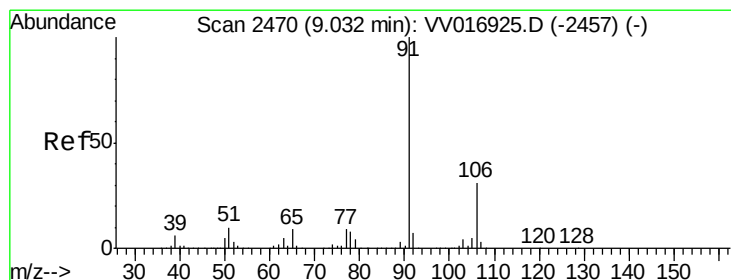
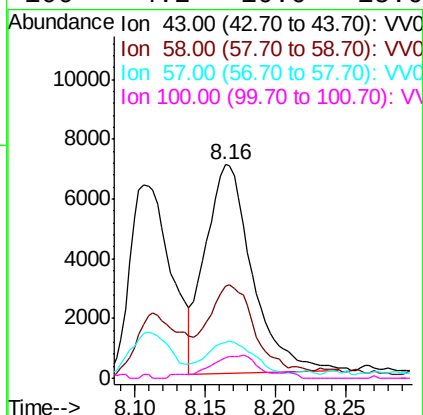
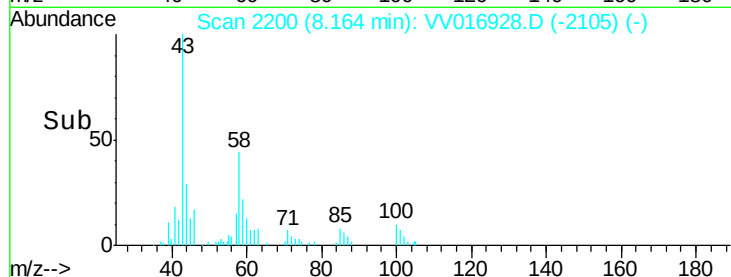
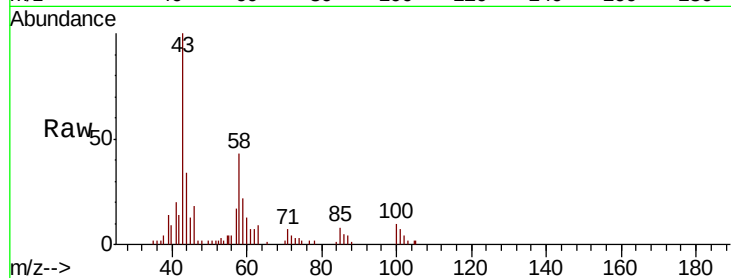




#48
2-Hexanone
Concen: 5.566 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV016928.D
Acq: 15 Jun 2020 11:41

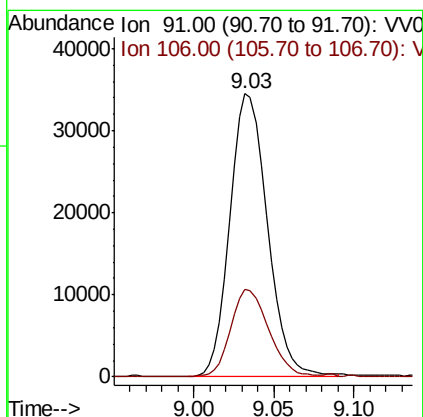
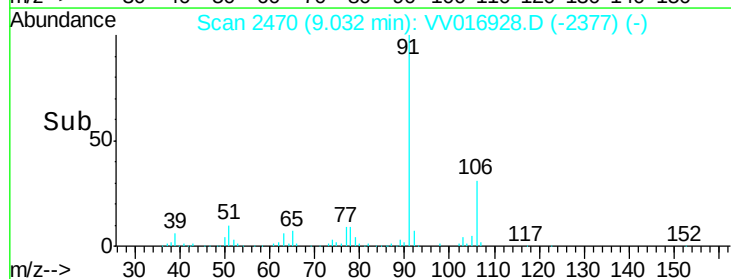
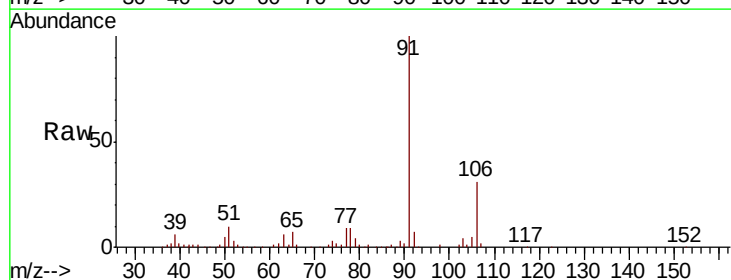
Instrument :
MSVOA_V
ClientSampled :
F9E26

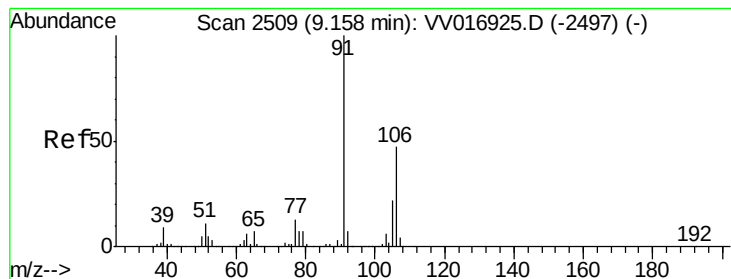
Tot Ion: 43 Resp: 16265
Ion Ratio Lower Upper
43 100
58 37.9 43.1 64.7#
57 17.6 15.3 22.9
100 4.2 10.0 15.0#



#52
Ethylbenzene
Concen: 4.630 ug/L
RT: 9.03 min Scan# 2470
Delta R.T. 0.00 min
Lab File: VV016928.D
Acq: 15 Jun 2020 11:41

Tgt Ion: 91 Resp: 55291
Ion Ratio Lower Upper
91 100
106 30.9 21.1 39.1





#53

m,p-Xylene

Concen: 0.583 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV016928.D

Acq: 15 Jun 2020 11:41

Instrument :

MSVOA_V

ClientSampleId :

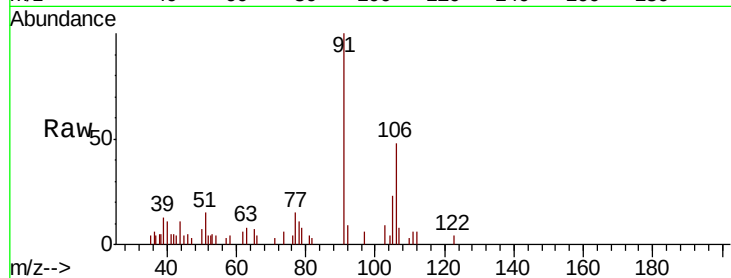
F9E26

Tot Ion:106 Resp: 2593

Ion Ratio Lower Upper

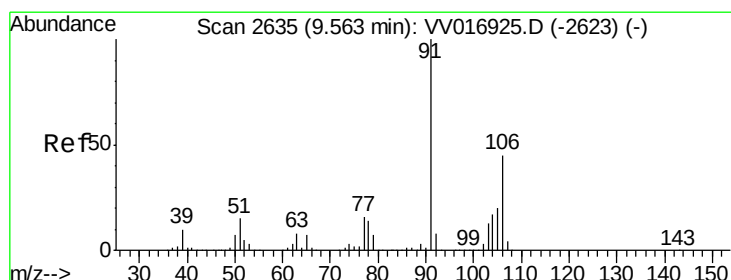
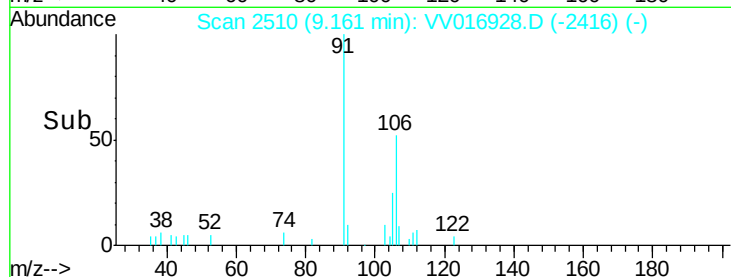
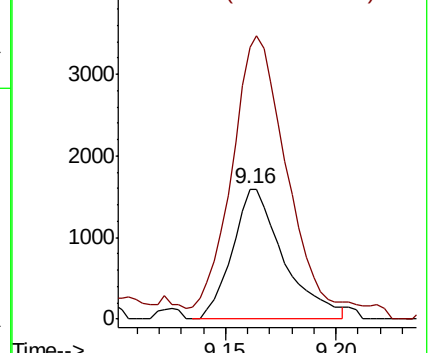
106 100

91 208.9 144.6 268.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 0.652 ug/L

RT: 9.57 min Scan# 2638

Delta R.T. 0.01 min

Lab File: VV016928.D

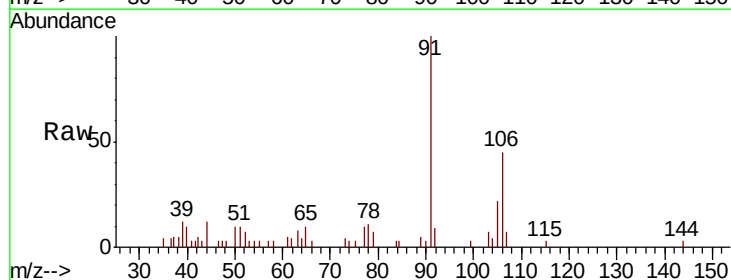
Acq: 15 Jun 2020 11:41

Tgt Ion:106 Resp: 2861

Ion Ratio Lower Upper

106 100

91 222.5 155.9 289.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

