

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121920\
 Data File : VV019728.D
 Acq On : 19 Dec 2020 10:52
 Operator : SY/MD
 Sample : L5151-05ME
 Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE7ME

Quant Time: Dec 21 03:56:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 21 03:36:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.61	114	817034	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	789619	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	381067	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	215922	36.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.70%
7) Chloroethane-d5	1.57	69	160809	34.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.60%#
11) 1,1-Dichloroethene-d2	2.09	63	324175	29.81	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.62%#
21) 2-Butanone-d5	3.89	46	289141	90.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.80%
24) Chloroform-d	4.35	84	434670	41.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.34%
26) 1,2-Dichloroethane-d4	5.03	65	306513	44.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.84%
32) Benzene-d6	5.05	84	864843	41.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.14%
36) 1,2-Dichloropropane-d6	6.07	67	286645	43.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.90%
41) Toluene-d8	7.32	98	763451	40.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.52%
43) trans-1,3-Dichloropropene-	7.62	79	137419	36.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.24%
47) 2-Hexanone-d5	8.13	63	226515	87.49	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.49%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	344083	38.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.12%
64) 1,2-Dichlorobenzene-d4	11.64	152	284211	39.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.80%#

Target Compounds

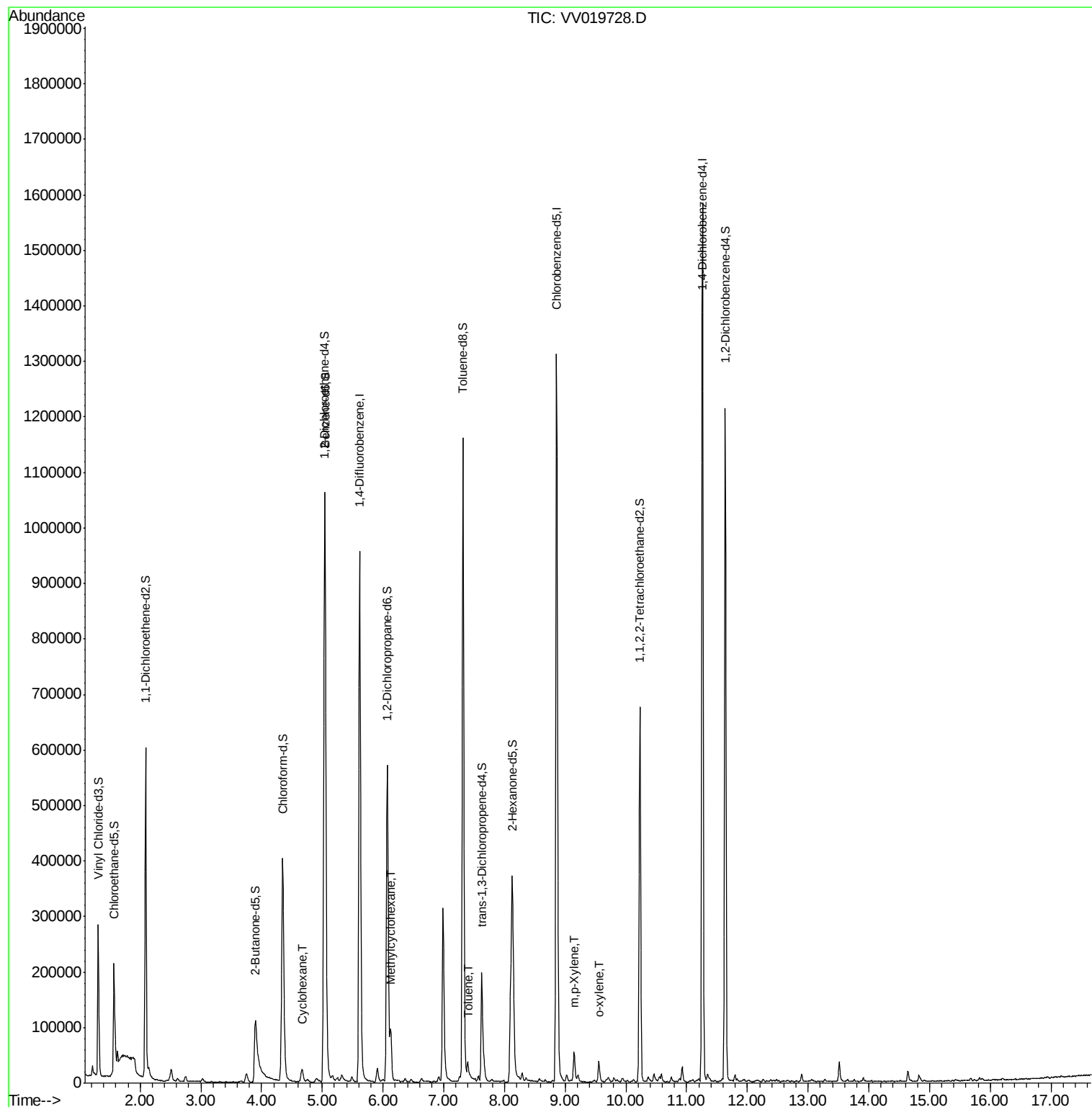
					Ovalue
29) Cyclohexane	4.67	56	11167	1.154 ug/L	# 90
35) Methylcyclohexane	6.13	83	33857	3.656 ug/L	99
42) Toluene	7.40	91	25081	1.031 ug/L	100
53) m,p-Xylene	9.14	106	15989	1.544 ug/L	100
54) o-xylene	9.55	106	10512	1.036 ug/L	91

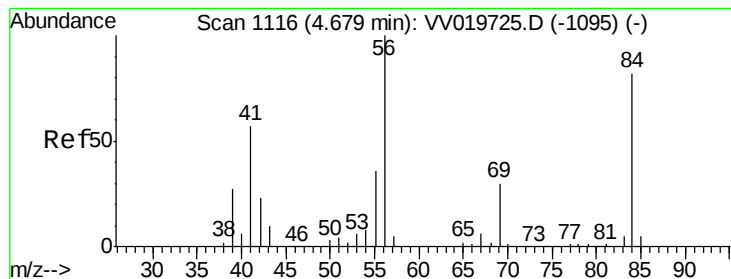
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#29

Cyclohexane

Concen: 1.154 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VV019728.D

Acq: 19 Dec 2020 10:52

Instrument :

MSVOA_V

ClientSampleId :

COAE7ME

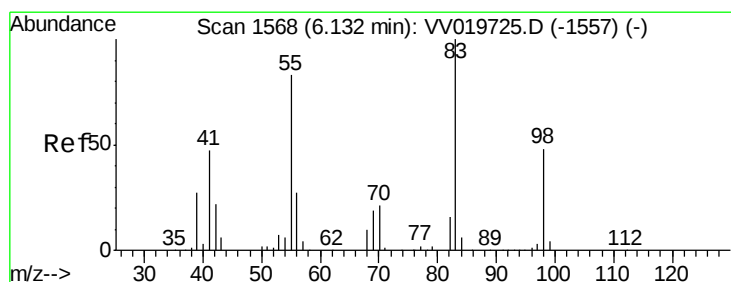
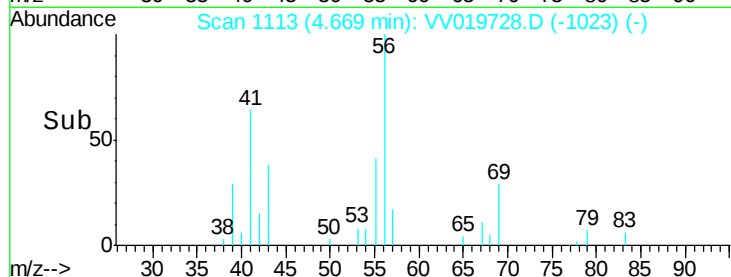
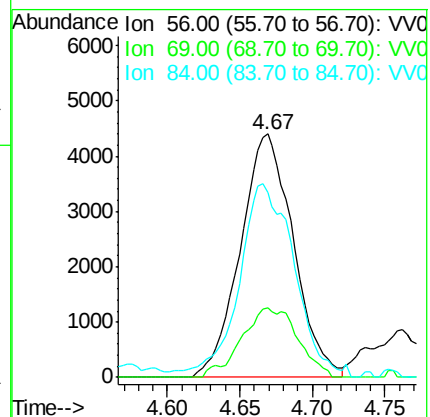
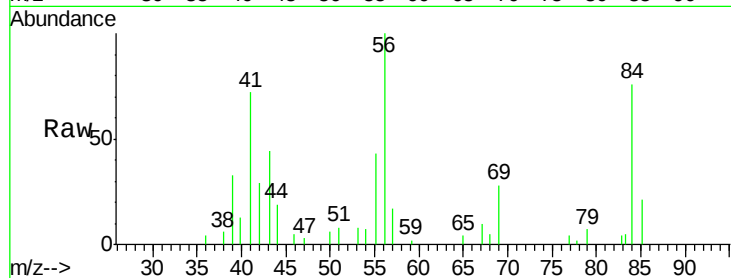
Tot Ion: 56 Resp: 11167

Ion Ratio Lower Upper

56 100

69 13.7 24.6 37.0#

84 82.8 68.2 102.4



#35

Methylcyclohexane

Concen: 3.656 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VV019728.D

Acq: 19 Dec 2020 10:52

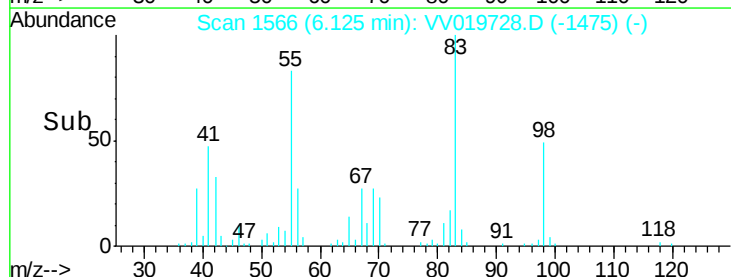
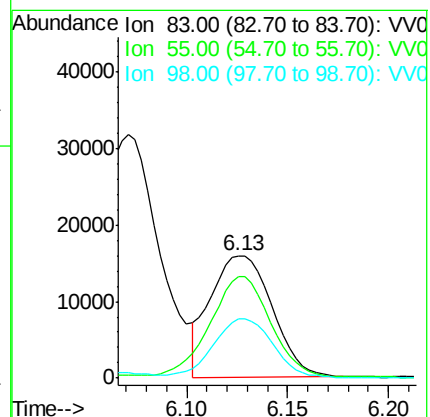
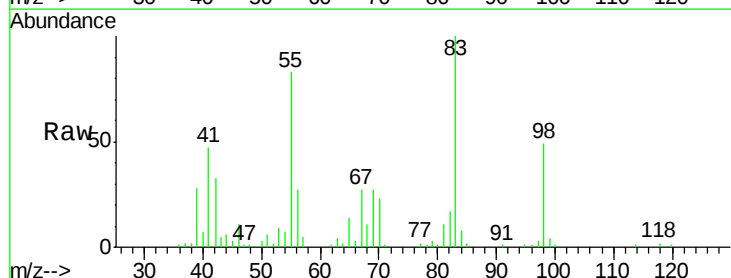
Tgt Ion: 83 Resp: 33857

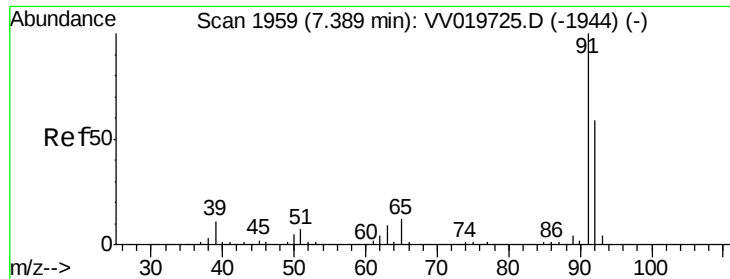
Ion Ratio Lower Upper

83 100

55 80.7 64.2 96.4

98 47.7 39.3 58.9





#42

Toluene

Concen: 1.031 ug/L

RT: 7.40 min Scan# 1961

Delta R.T. 0.01 min

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Acq: 19 Dec 2020 10:52

Instrument :

MSVOA_V

ClientSampleId :

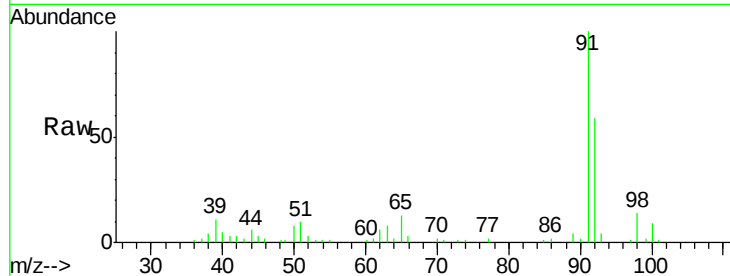
COAE7ME

Tot Ion: 91 Resp: 25081

Ion Ratio Lower Upper

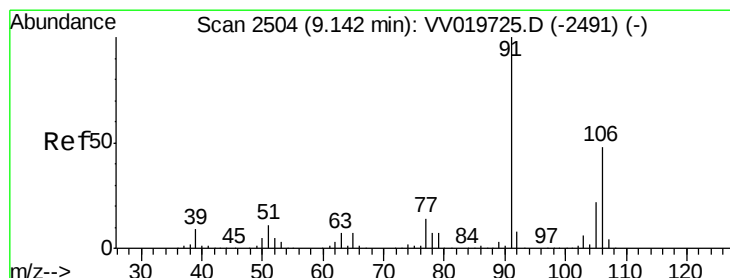
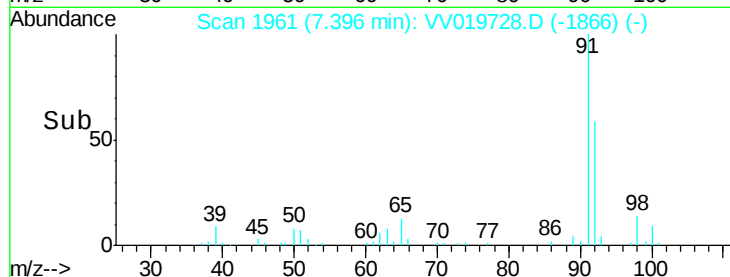
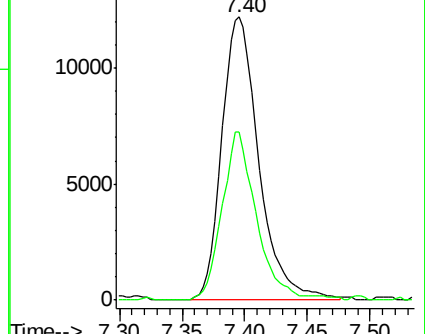
91 100

92 59.4 41.4 76.8



Abundance Ion 91.00 (90.70 to 91.70): VV019728.D (-1944) (-)

Ion 92.00 (91.70 to 92.70): VV019728.D (-1944) (-)



#53

m,p-Xylene

Concen: 1.544 ug/L

RT: 9.14 min Scan# 2505

Delta R.T. 0.00 min

Lab File: VV019728.D

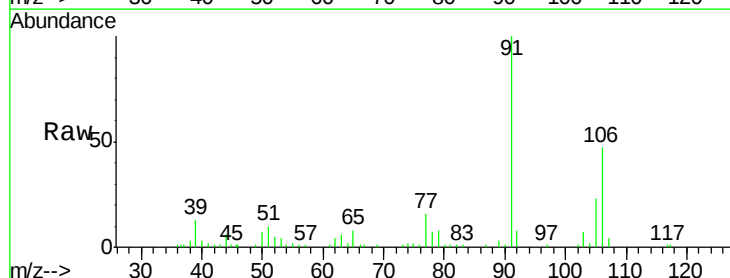
Acq: 19 Dec 2020 10:52

Tgt Ion: 106 Resp: 15989

Ion Ratio Lower Upper

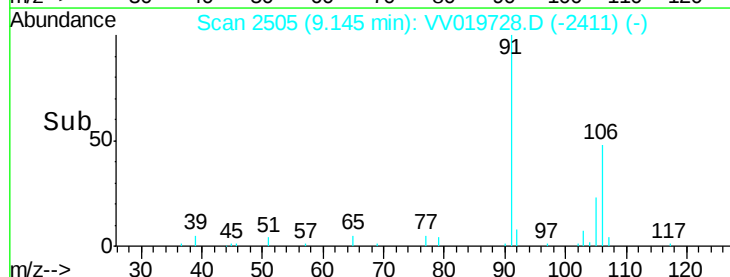
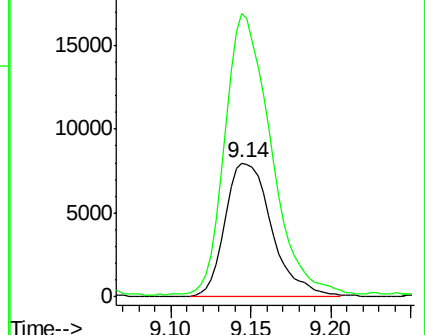
106 100

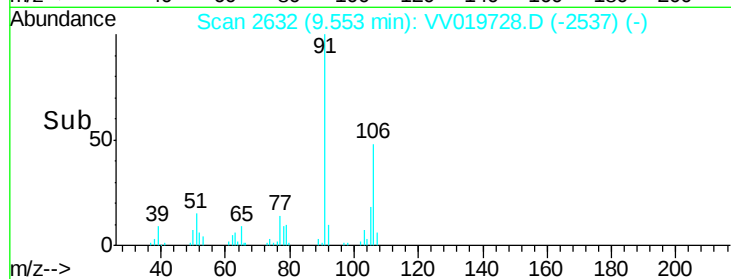
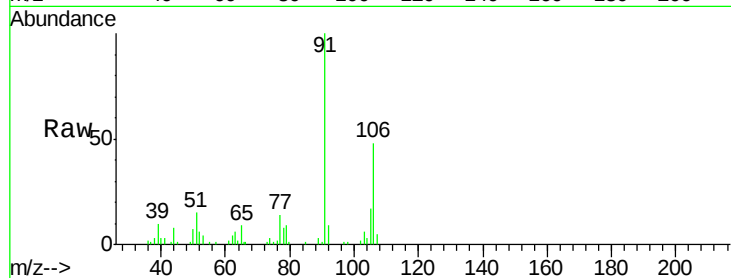
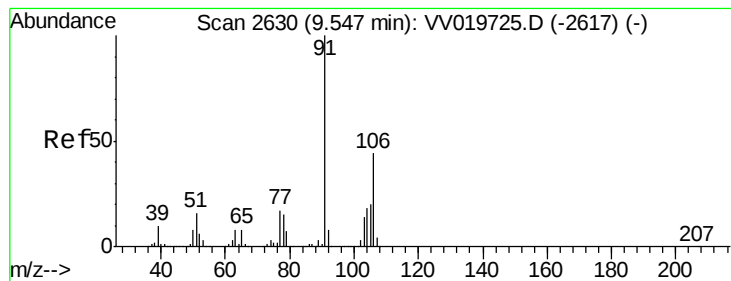
91 211.2 147.7 274.3



Abundance Ion 106.00 (105.70 to 106.70): VV019728.D (-2491) (-)

Ion 91.00 (90.70 to 91.70): VV019728.D (-2491) (-)





#54

o-xylene

Concen: 1.036 ug/L

RT: 9.55 min Scan# 2632

Delta R.T. 0.01 min

Lab File: VV019728.D

Acq: 19 Dec 2020 10:52

Instrument :

MSVOA_V

ClientSampleId :

COAE7ME

Tot Ion:106 Resp: 10512

Ion Ratio Lower Upper

106 100

91 208.5 156.7 291.1

