

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071520\
 Data File : VV017509.D
 Acq On : 15 Jul 2020 14:41
 Operator : SY/MD
 Sample : L3281-20DL 4X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAXY0DL

Quant Time: Jul 16 03:54:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 16 01:29:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	139942	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	135413	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	73869	5.00	ug/L	0.00

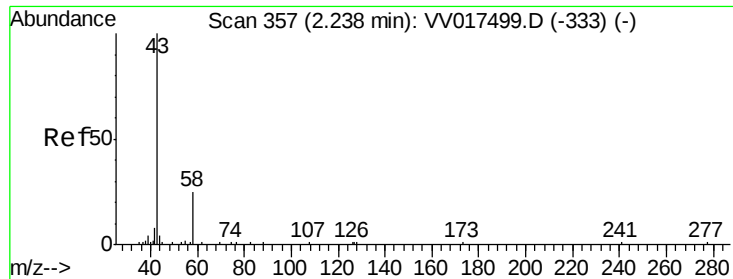
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36589	4.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.80%
7) Chloroethane-d5	1.58	69	40787	6.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	126.00%
11) 1,1-Dichloroethene-d2	2.12	63	71858	4.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.80%
20) 2-Butanone-d5	3.92	46	85799	51.37	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.74%
24) Chloroform-d	4.37	84	80722	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.06	65	47445	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.07	84	147843	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.10	67	41907	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.33	98	134491	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
45) trans-1,3-Dichloropropene-	7.64	79	19184	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
48) 2-Hexanone-d5	8.11	63	59286	47.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.30%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	29267	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	61021	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

					Ovalue
13) Acetone	2.21	43	5061	4.174	ug/L 86
14) Carbon disulfide	2.32	76	2968	0.114	ug/L # 80
16) Methylene chloride	2.52	84	18862	1.860	ug/L 94
22) cis-1,2-Dichloroethene	3.94	96	70801	7.234	ug/L 100
30) Cyclohexane	4.69	56	3485	0.239	ug/L # 17
35) Methylcyclohexane	6.15	83	5677	0.351	ug/L 95
42) Toluene	7.41	91	4023	0.101	ug/L 96
54) Ethylbenzene	9.04	91	19688	0.432	ug/L 99
55) m,p-xylene	9.16	106	25456	1.478	ug/L 98
56) o-xylene	9.57	106	1379	0.083	ug/L 85

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



#13

Acetone

Concen: 4.174 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.03 min

Lab File: VV017509.D

Acq: 15 Jul 2020 14:41

Instrument :

MSVOA_V

ClientSampleId :

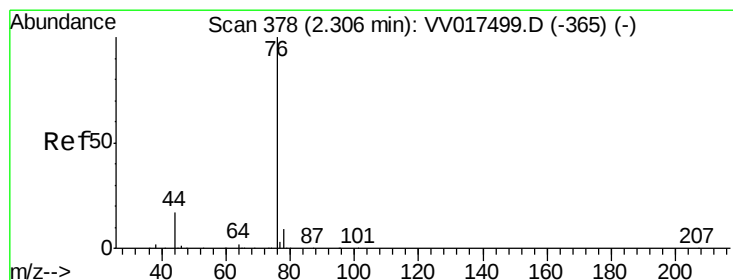
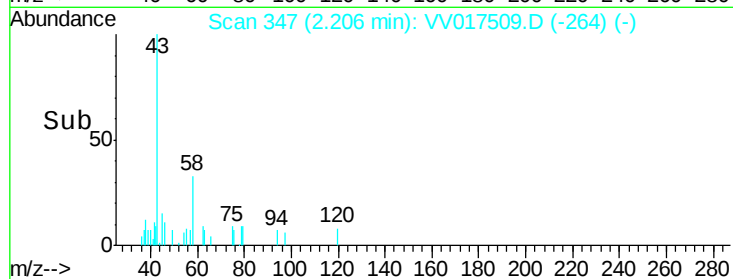
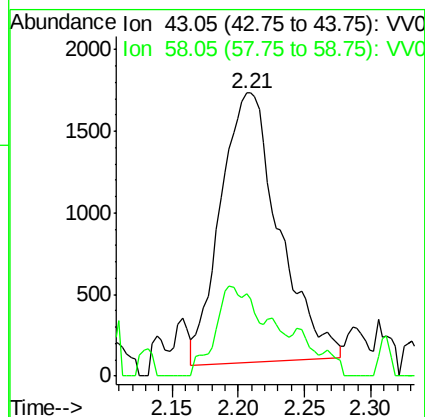
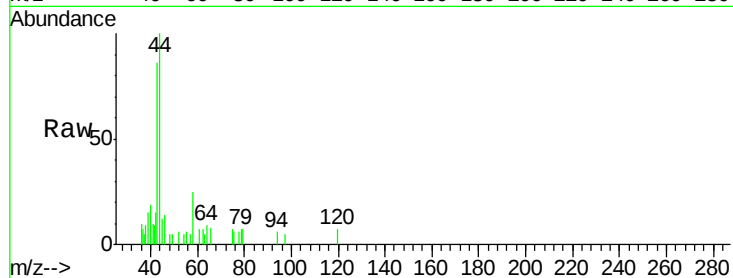
GAXY0DL

Tot Ion: 43 Resp: 5061

Ion Ratio Lower Upper

43 100

58 22.8 0.0 33.6



#14

Carbon disulfide

Concen: 0.114 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.01 min

Lab File: VV017509.D

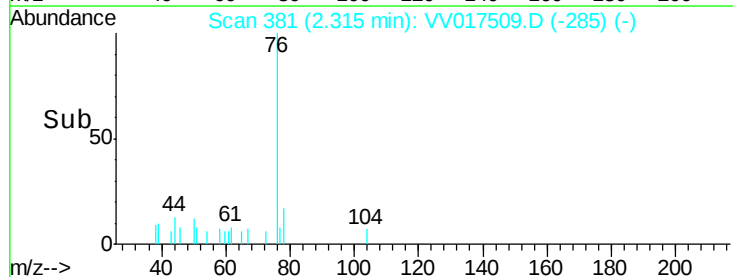
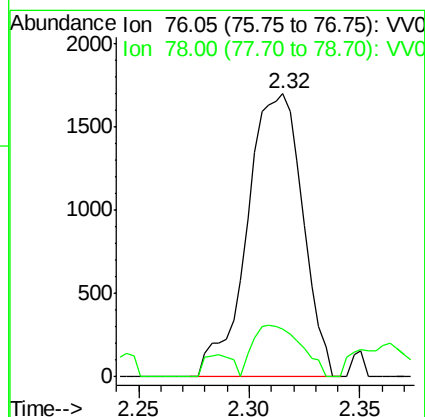
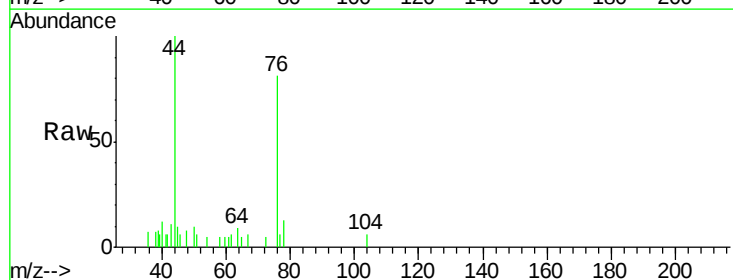
Acq: 15 Jul 2020 14:41

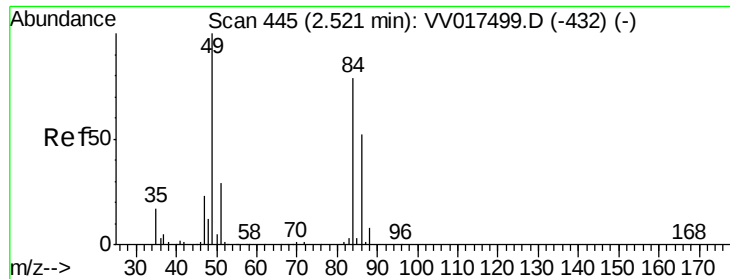
Tgt Ion: 76 Resp: 2968

Ion Ratio Lower Upper

76 100

78 16.7 7.5 11.3#

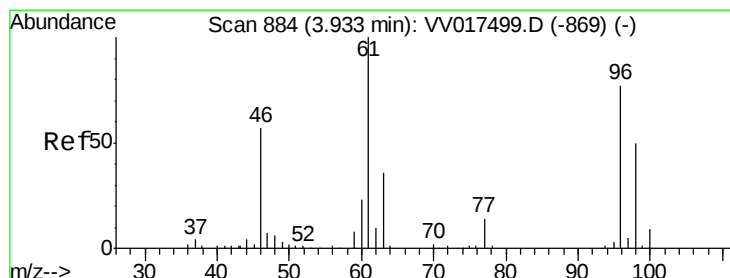
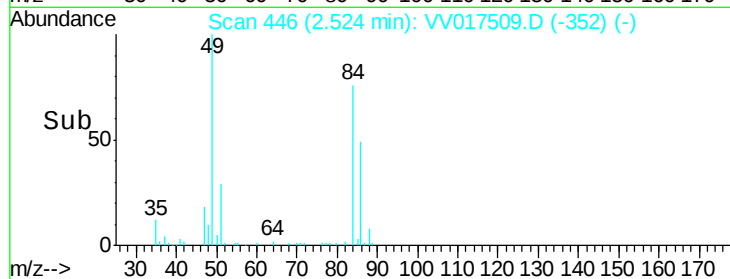
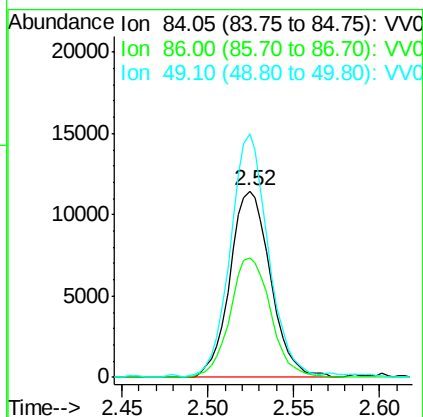
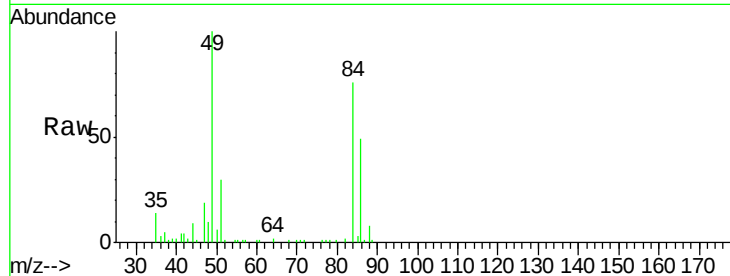




#16
Methvlene chloride
Concen: 1.860 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV017509.D
Acq: 15 Jul 2020 14:41

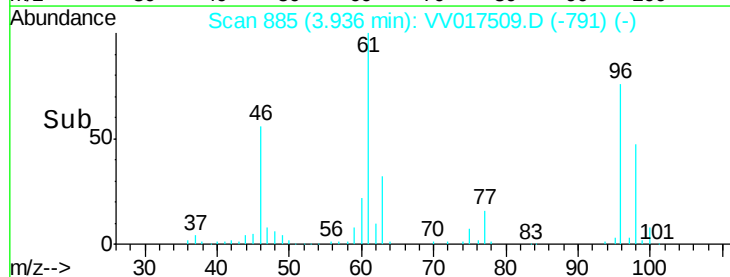
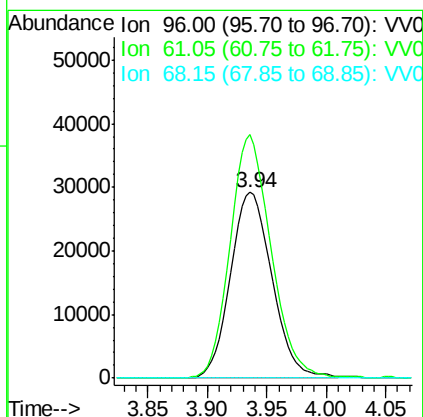
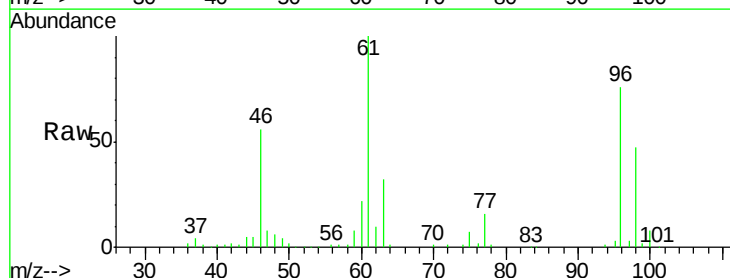
Instrument :
MSVOA_V
ClientSampleId :
GAXY0DL

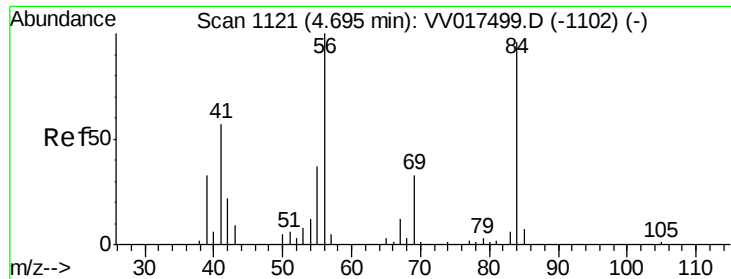
Tot Ion: 84 Resp: 18862
Ion Ratio Lower Upper
84 100
86 64.4 45.5 84.5
49 130.7 84.6 157.0



#22
cis-1,2-Dichloroethene
Concen: 7.234 ug/L
RT: 3.94 min Scan# 885
Delta R.T. 0.00 min
Lab File: VV017509.D
Acq: 15 Jul 2020 14:41

Tgt Ion: 96 Resp: 70801
Ion Ratio Lower Upper
96 100
61 131.1 91.5 169.9
68 0.0 0.0 0.0

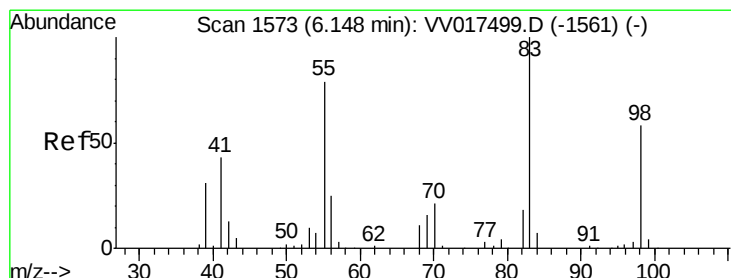
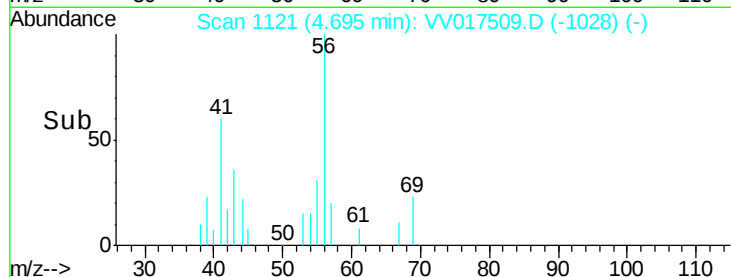
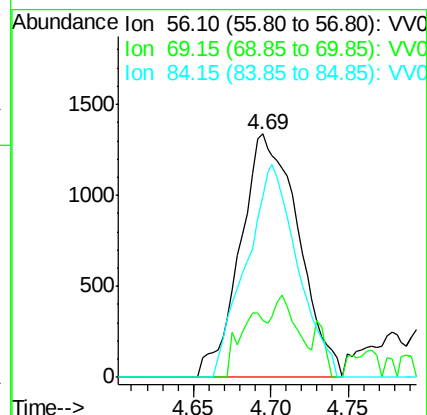
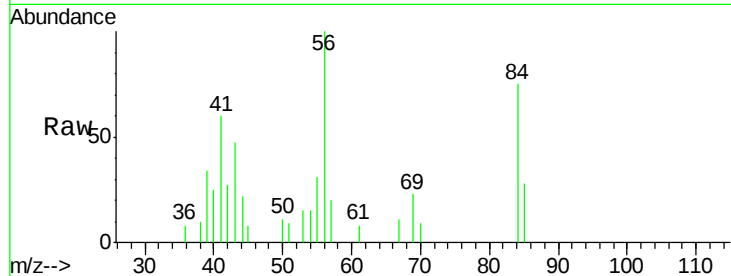




#30
Cyclohexane
Concen: 0.239 ug/L
RT: 4.69 min Scan# 1121
Delta R.T. -0.00 min
Lab File: VV017509.D
Acq: 15 Jul 2020 14:41

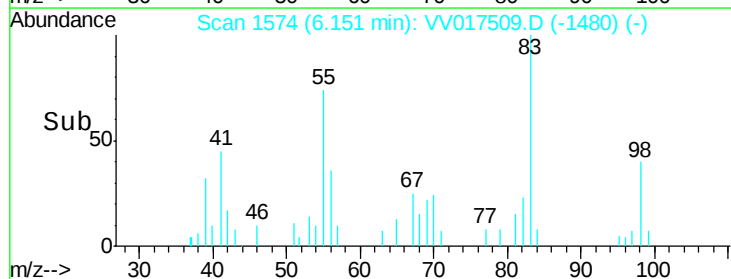
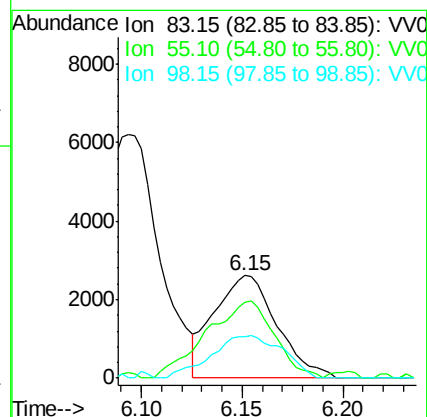
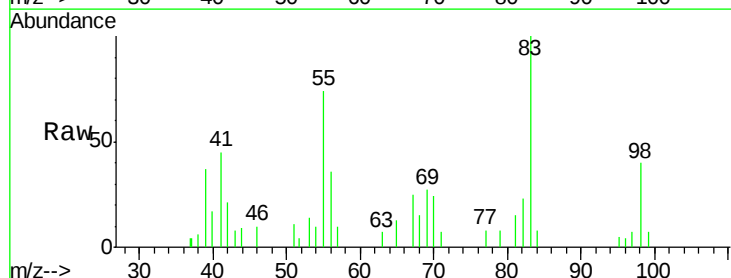
Instrument :
MSVOA_V
ClientSampleId :
GAXY0DL

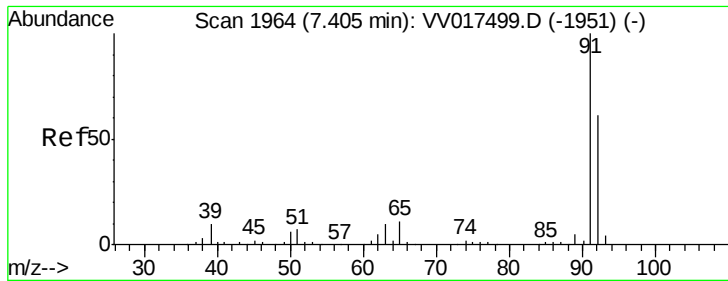
Tot Ion: 56 Resp: 3485
Ion Ratio Lower Upper
56 100
69 12.7 26.0 39.0#
84 0.0 77.9 116.9#



#35
Methylcyclohexane
Concen: 0.351 ug/L
RT: 6.15 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VV017509.D
Acq: 15 Jul 2020 14:41

Tgt Ion: 83 Resp: 5677
Ion Ratio Lower Upper
83 100
55 81.3 62.0 93.0
98 47.0 41.4 62.2





#42

Toluene

Concen: 0.101 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.01 min

Lab File: VV017509.D

Acq: 15 Jul 2020 14:41

Instrument :

MSVOA_V

ClientSampleId :

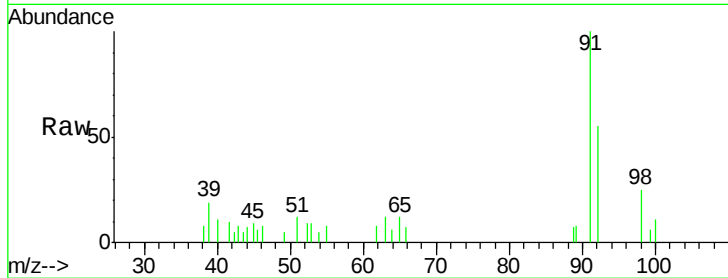
GAXY0DL

Tot Ion: 91 Resp: 4023

Ion Ratio Lower Upper

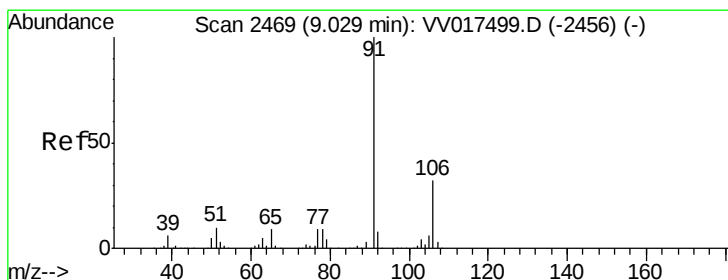
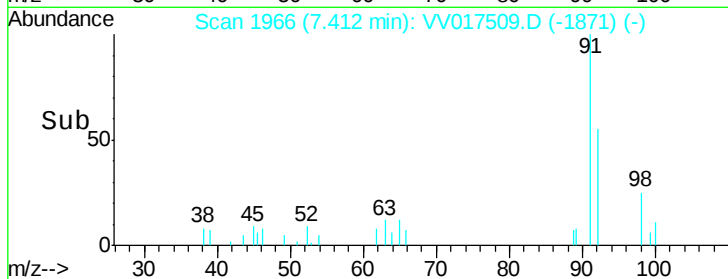
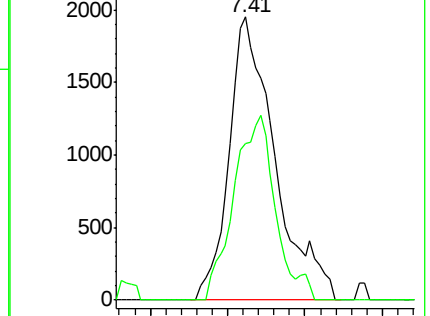
91 100

92 55.3 40.7 75.5



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#54

Ethylbenzene

Concen: 0.432 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.01 min

Lab File: VV017509.D

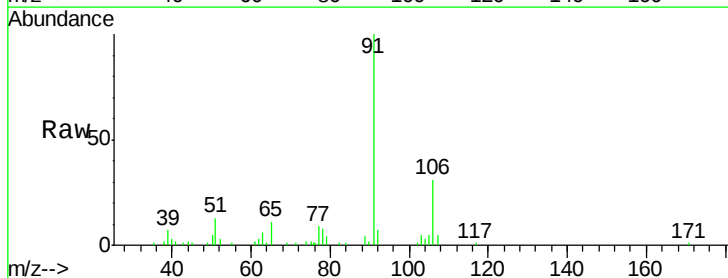
Acq: 15 Jul 2020 14:41

Tgt Ion: 91 Resp: 19688

Ion Ratio Lower Upper

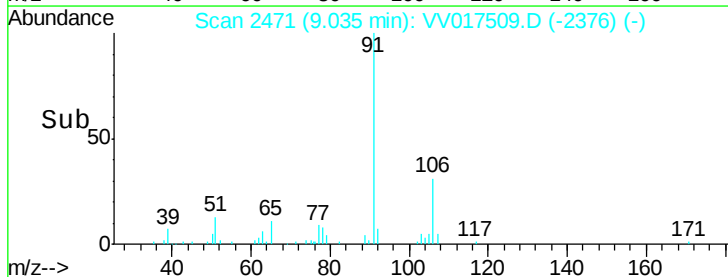
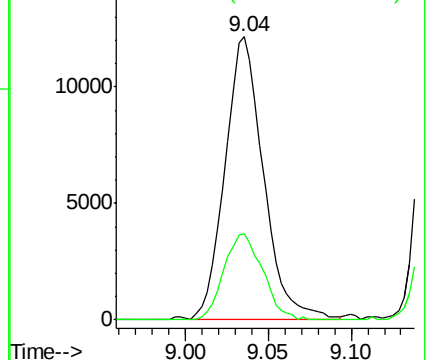
91 100

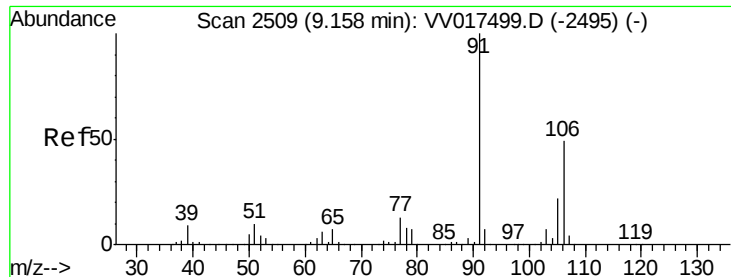
106 30.6 21.9 40.7



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 106.15 (105.85 to 106.85): V





#55

m,p-xylene

Concen: 1.478 ug/L

RT: 9.16 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VV017509.D

Acq: 15 Jul 2020 14:41

Instrument :

MSVOA_V

ClientSampleId :

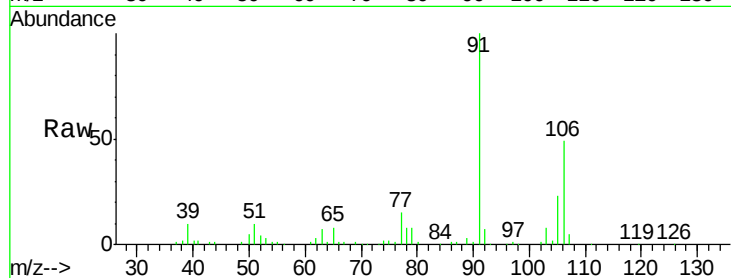
GAXY0DL

Tot Ion:106 Resp: 25456

Ion Ratio Lower Upper

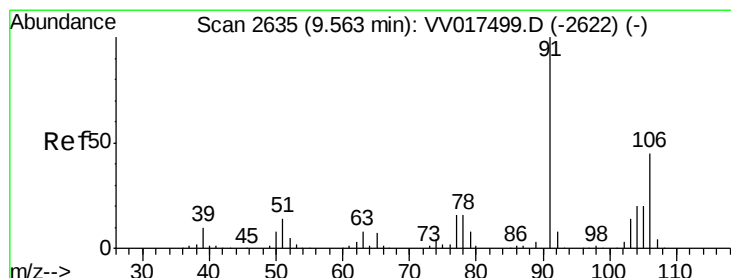
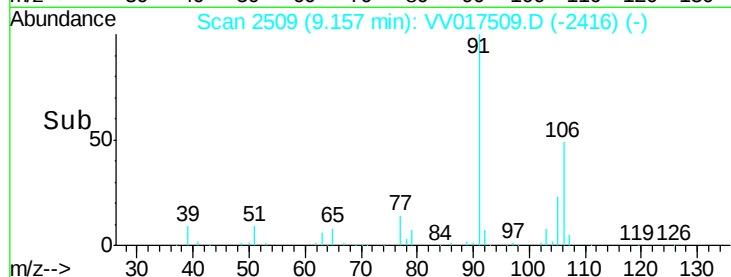
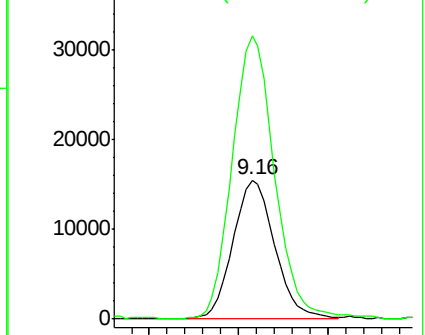
106 100

91 203.1 144.2 267.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#56

o-xylene

Concen: 0.083 ug/L

RT: 9.57 min Scan# 2637

Delta R.T. 0.01 min

Lab File: VV017509.D

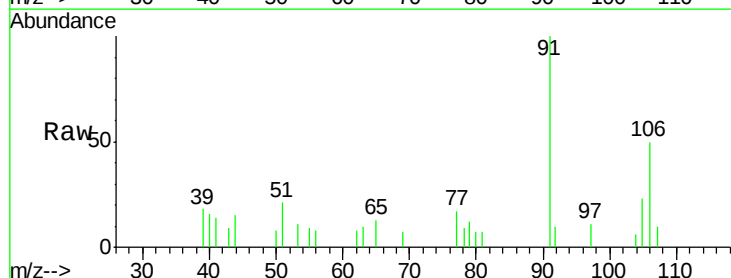
Acq: 15 Jul 2020 14:41

Tgt Ion:106 Resp: 1379

Ion Ratio Lower Upper

106 100

91 201.9 158.8 294.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

