

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052820\
 Data File : VV016295.D
 Acq On : 28 May 2020 23:29
 Operator : SY/MD
 Sample : L2766-10DL 5X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BE4Z3DL

Quant Time: May 29 05:11:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 29 04:21:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	87180	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	84011	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	37560	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21262	3.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.00%
7) Chloroethane-d5	1.58	69	20671	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.00%
11) 1,1-Dichloroethene-d2	2.13	63	32310	3.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.40%
20) 2-Butanone-d5	3.94	46	72180	51.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.94%
24) Chloroform-d	4.38	84	48831	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.06	65	27829	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.08	84	96206	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.10	67	30539	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.34	98	83481	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
45) trans-1,3-Dichloropropene-	7.65	79	9470	3.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.00%
48) 2-Hexanone-d5	8.12	63	52003	47.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.50%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	22024	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	29580	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

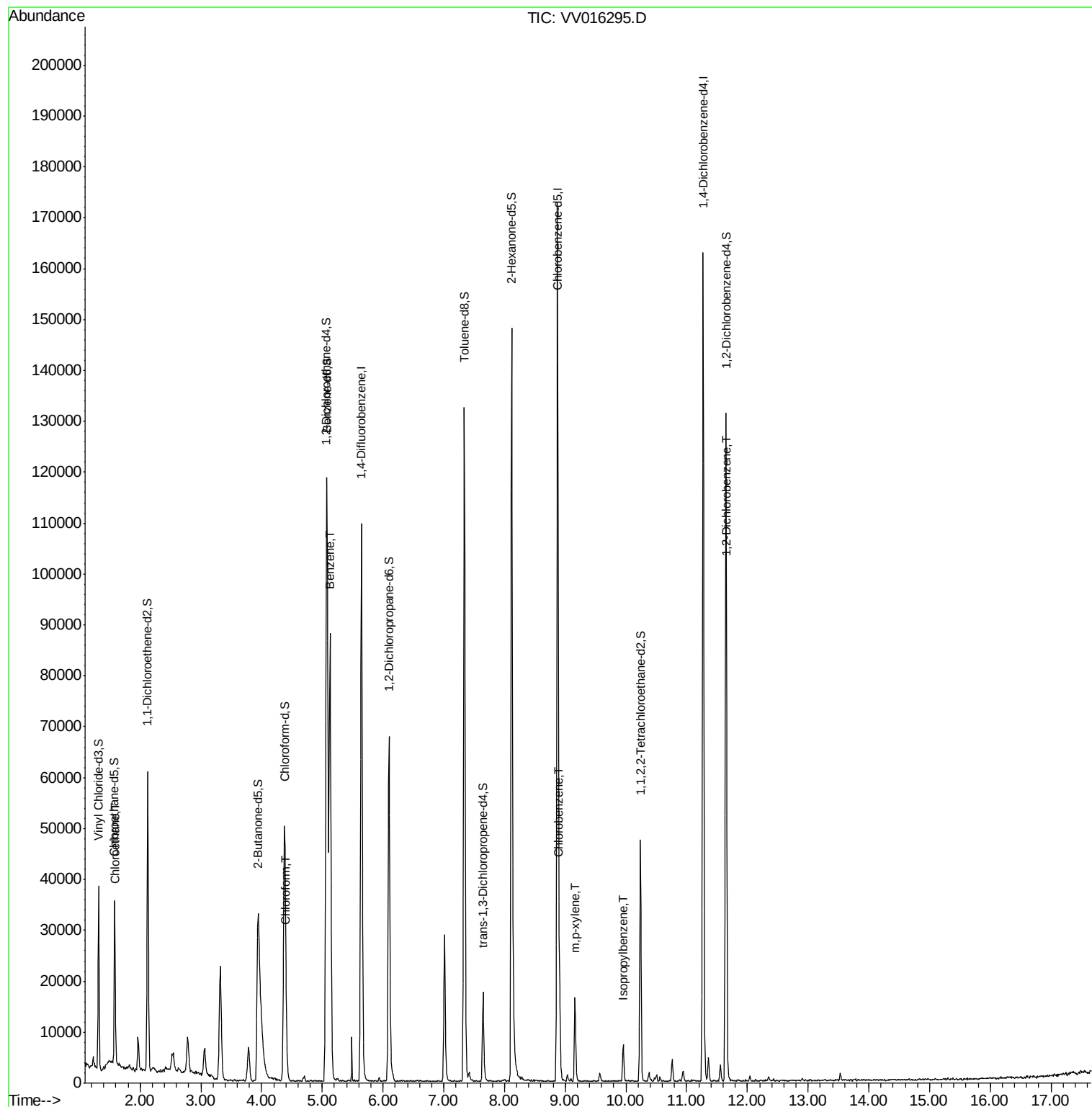
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.60	64	916	0.215	ug/L #	65
25) Chloroform	4.41	83	4032	0.356	ug/L	89
33) Benzene	5.13	78	83585	3.457	ug/L	100
53) Chlorobenzene	8.91	112	8743	0.537	ug/L	94
55) m,p-xylene	9.16	106	4662	0.423	ug/L	88
58) Isopropylbenzene	9.96	105	4532	0.158	ug/L	97
66) 1,2-Dichlorobenzene	11.67	146	1504	0.145	ug/L #	85

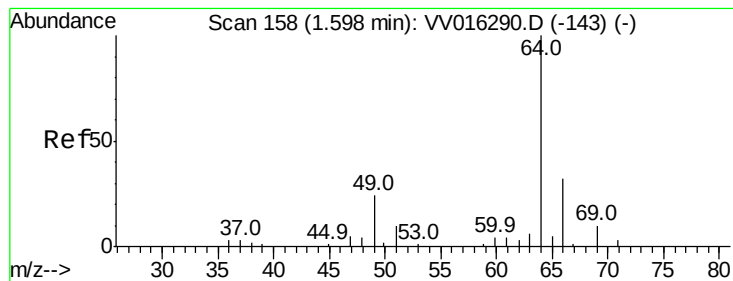
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 29 04:21:25 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.215 ug/L

RT: 1.60 min Scan# 157

Delta R.T. -0.00 min

Lab File: VV016295.D

Acq: 28 May 2020 23:29

Instrument :

MSVOA_V

ClientSampleId :

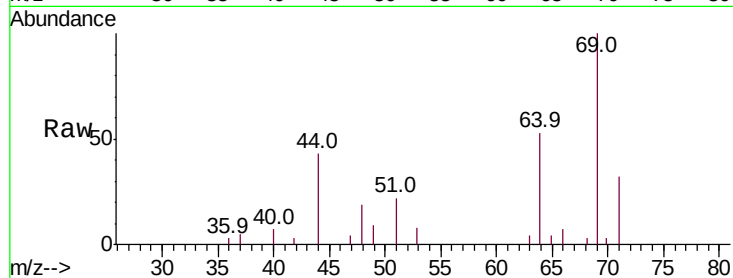
BE4Z3DL

Tot Ion: 64 Resp: 916

Ion Ratio Lower Upper

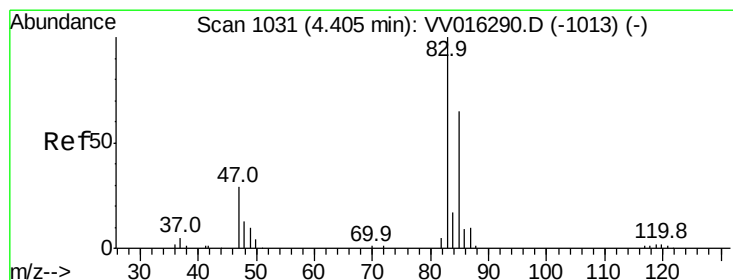
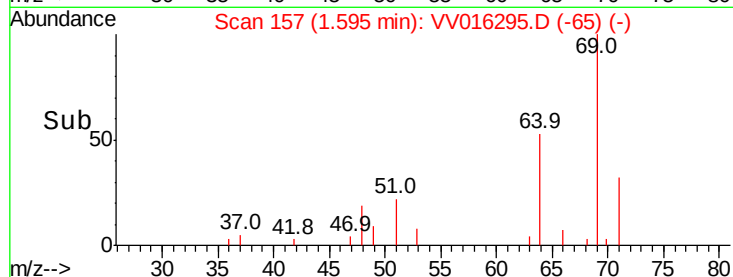
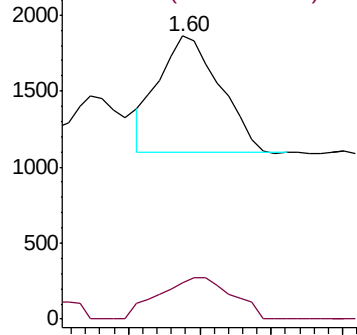
64 100

66 12.9 22.9 42.5#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#25

Chloroform

Concen: 0.356 ug/L

RT: 4.41 min Scan# 1033

Delta R.T. 0.01 min

Lab File: VV016295.D

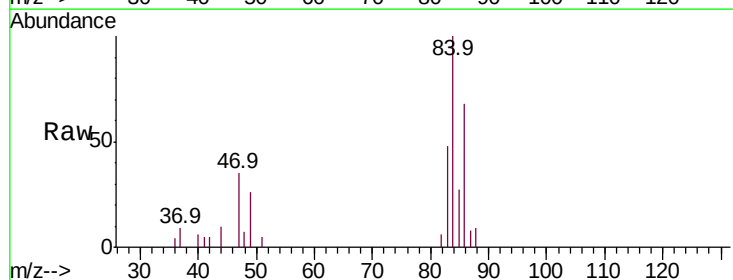
Acq: 28 May 2020 23:29

Tgt Ion: 83 Resp: 4032

Ion Ratio Lower Upper

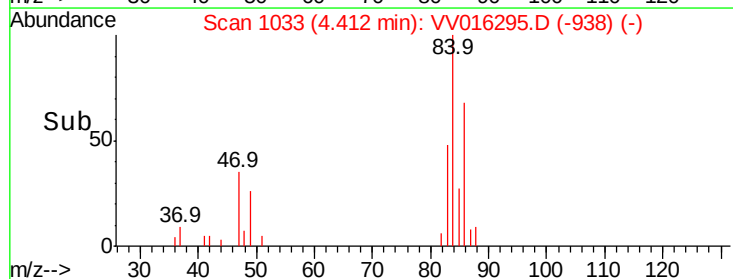
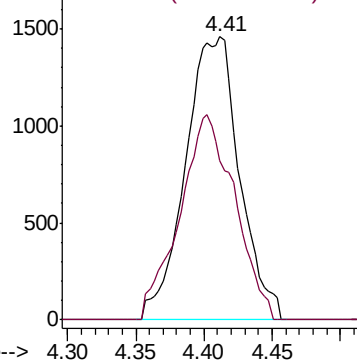
83 100

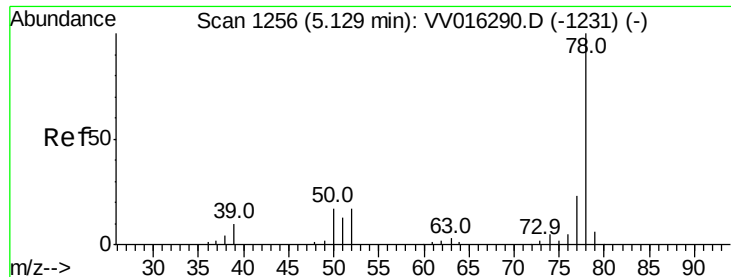
85 56.1 45.1 83.7



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0





#33

Benzene

Concen: 3.457 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. -0.00 min

Lab File: VV016295.D

Acq: 28 May 2020 23:29

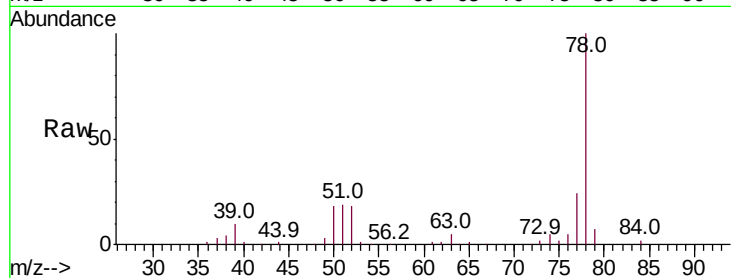
Instrument :

MSVOA_V

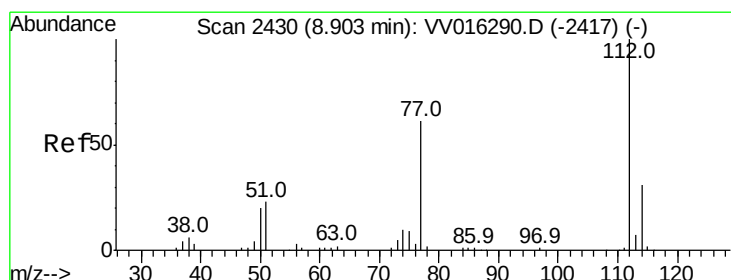
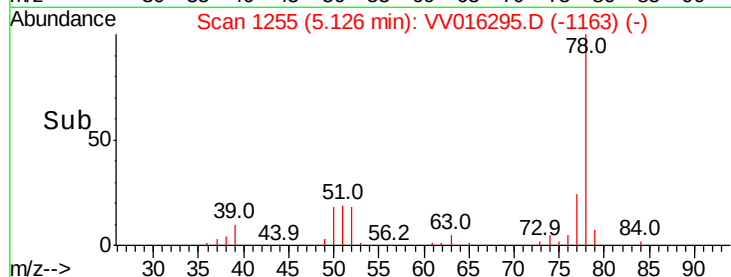
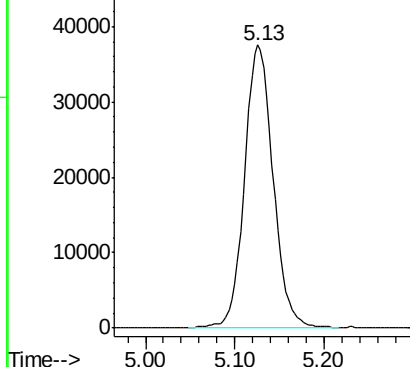
ClientSampleId :

BE4Z3DL

Tgt Ion: 78 Resp: 83585



Abundance Ion 78.10 (77.80 to 78.80): VV0



#53

Chlorobenzene

Concen: 0.537 ug/L

RT: 8.91 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VV016295.D

Acq: 28 May 2020 23:29

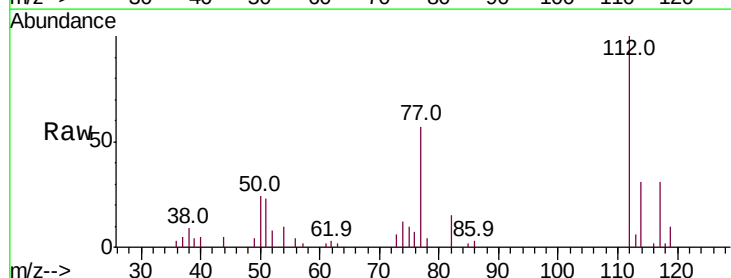
Tgt Ion: 112 Resp: 8743

Ion	Ratio	Lower	Upper
112	100		
114	31.1	22.3	41.3
77	56.8	50.7	76.1

112 100

114 31.1 22.3 41.3

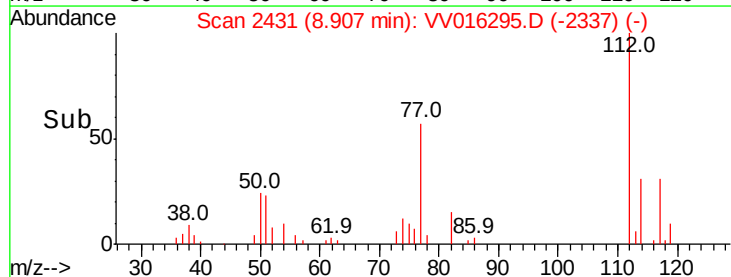
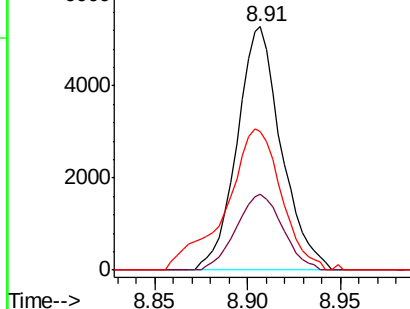
77 56.8 50.7 76.1

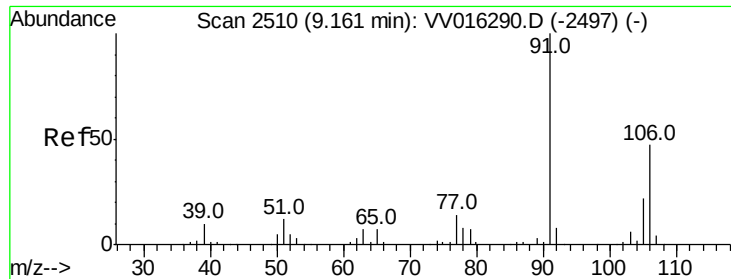


Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VV0





#55

m,p-xylene

Concen: 0.423 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.00 min

Lab File: VV016295.D

Acq: 28 May 2020 23:29

Instrument :

MSVOA_V

ClientSampleId :

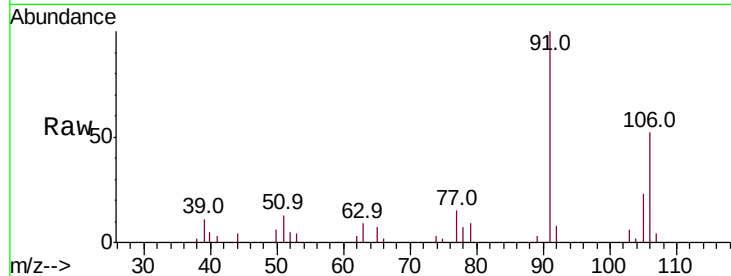
BE4Z3DL

Tot Ion:106 Resp: 4662

Ion Ratio Lower Upper

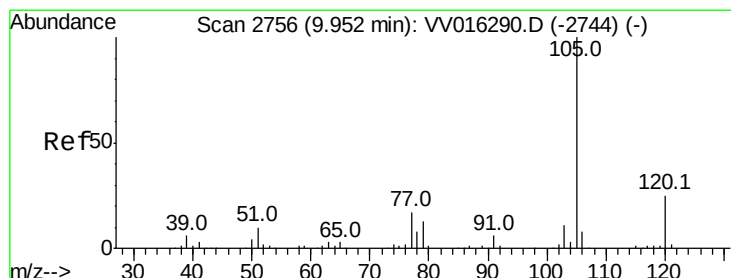
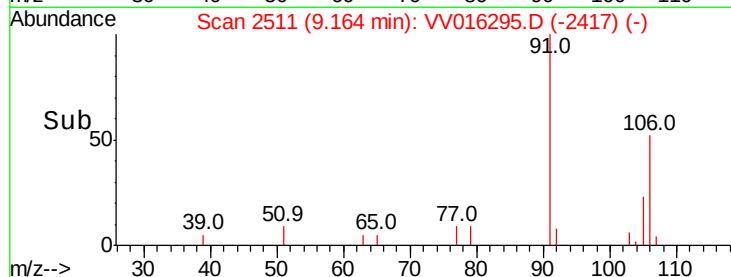
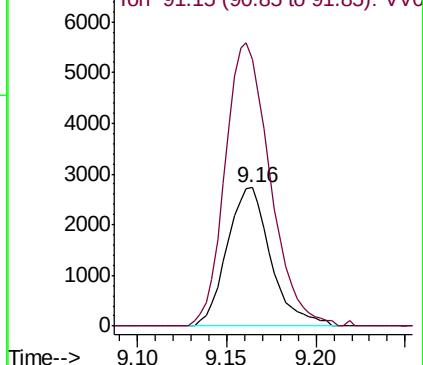
106 100

91 193.1 148.1 275.0



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#58

Isopropylbenzene

Concen: 0.158 ug/L

RT: 9.96 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VV016295.D

Acq: 28 May 2020 23:29

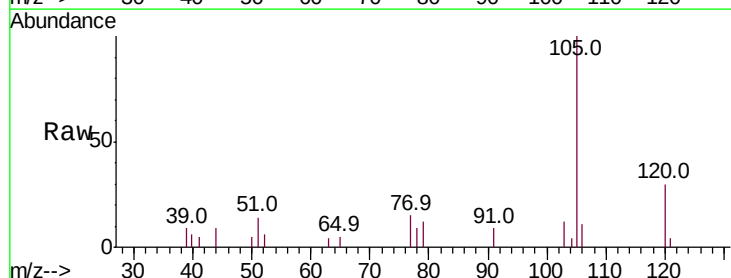
Tgt Ion:105 Resp: 4532

Ion Ratio Lower Upper

105 100

120 27.0 20.9 31.3

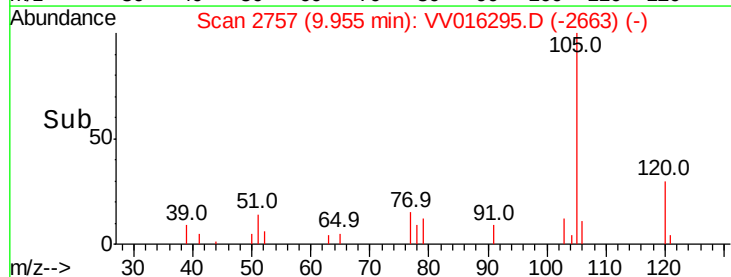
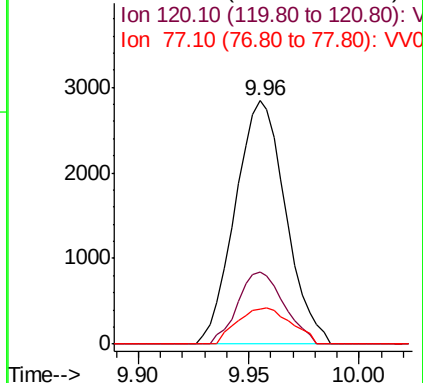
77 15.7 13.9 20.9

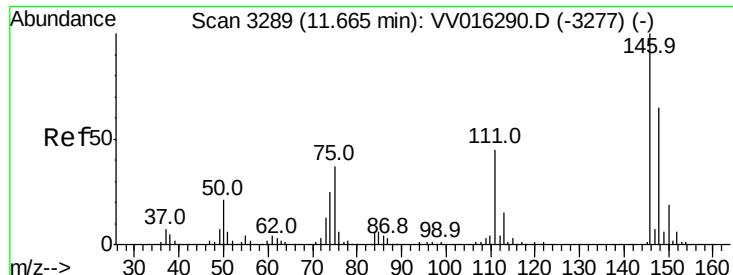


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VV0





#66

1,2-Dichlorobenzene

Concen: 0.145 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV016295.D

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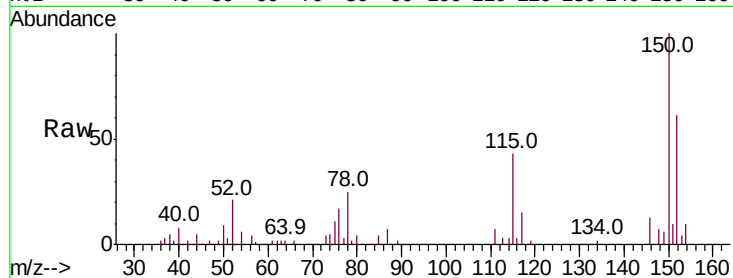
Tot Ion:146 Resp: 1504

Ion Ratio Lower Upper

146 100

111 54.4 35.7 53.5#

148 52.6 51.3 76.9



Abundance

Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

