

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072420\
 Data File : VV017646.D
 Acq On : 24 Jul 2020 14:03
 Operator : SY/MD
 Sample : L3395-15DL 10X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAY23DL

Manual Integrations
 APPROVED

MMDadoda
 7/29/2020 11:25:02 AM

Quant Time: Jul 25 00:49:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 25 00:05:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	177763	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	170553	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	92971	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	37807	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.58	69	31006	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.12	63	66655	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	3.94	46	89546	44.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.20%
24) Chloroform-d	4.37	84	91579	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.06	65	50179	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.07	84	170065	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.09	67	46182	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.40%
41) Toluene-d8	7.34	98	160972	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
45) trans-1,3-Dichloropropene-	7.64	79	20036	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
48) 2-Hexanone-d5	8.12	63	59790	40.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.48%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	31239	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	70354	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.22	43	3170m	1.994	ug/L	
14) Carbon disulfide	2.30	76	2159	0.074	ug/L #	81
15) Methyl Acetate	2.45	43	851	0.275	ug/L	91
16) Methylene chloride	2.52	84	6076	0.570	ug/L	85
30) Cyclohexane	4.70	56	17852	0.944	ug/L	96
33) Benzene	5.12	78	363539	7.530	ug/L	100
35) Methylcyclohexane	6.15	83	1864	0.091	ug/L #	54
42) Toluene	7.41	91	112787	2.142	ug/L	97
54) Ethylbenzene	9.03	91	106989	1.814	ug/L	100
55) m,p-xylene	9.16	106	34440	1.551	ug/L	95
56) o-xylene	9.57	106	23115	1.073	ug/L	92
58) Isopropylbenzene	9.95	105	13293	0.224	ug/L	98

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

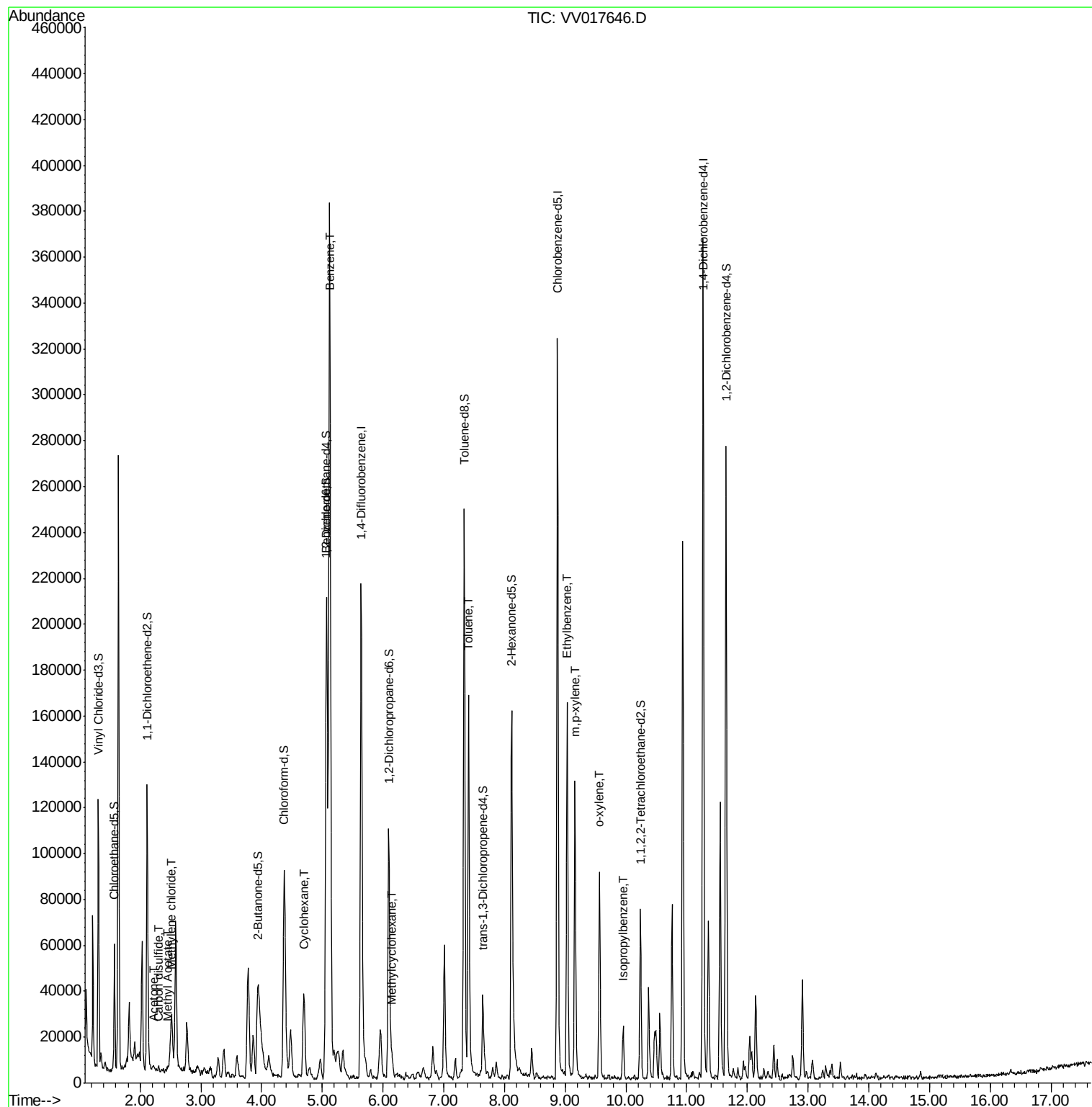
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV072420\
Data File : VV017646.D
Acq On : 24 Jul 2020 14:03
Operator : SY/MD
Sample : L3395-15DL 10X
Misc : 25.0mL/MSVOA V/WATER
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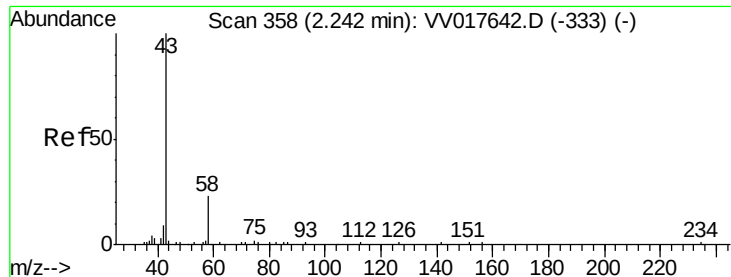
Instrument :
MSVOA_V
ClientSampleId :
GAY23DL

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Quant Time: Jul 25 00:49:27 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jul 25 00:05:26 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.994 ug/L m

RT: 2.22 min Scan# 350

Delta R.T. -0.03 min

Lab File: VV017646.D

Acq: 24 Jul 2020 14:03

Instrument :

MSVOA_V

ClientSampled :

GAY23DL

Tot Ion: 43 Resp: 3170

Ion Ratio Lower Upper

43 100

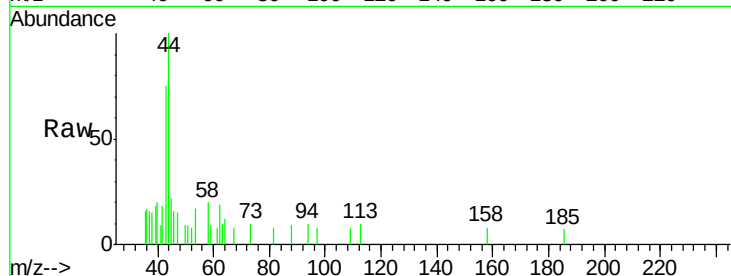
58 0.7 0.0 18.6

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Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

1200

1000

800

600

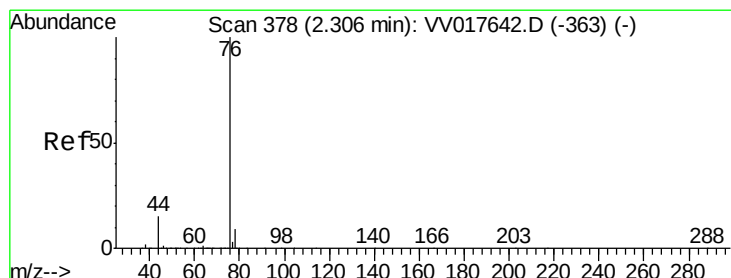
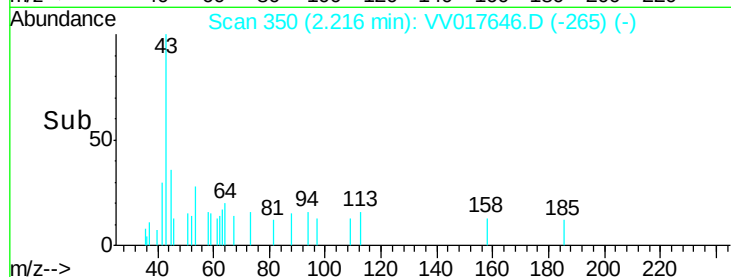
400

200

0

2.15 2.20 2.25

Time-->



#14

Carbon disulfide

Concen: 0.074 ug/L

RT: 2.30 min Scan# 377

Delta R.T. -0.00 min

Lab File: VV017646.D

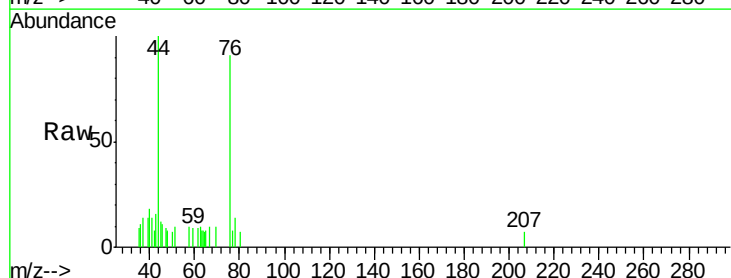
Acq: 24 Jul 2020 14:03

Tgt Ion: 76 Resp: 2159

Ion Ratio Lower Upper

76 100

78 15.2 6.6 10.0#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

1500

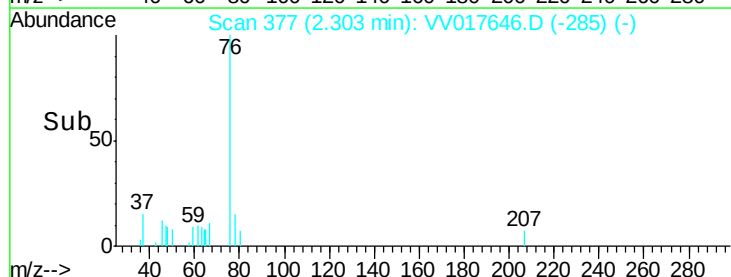
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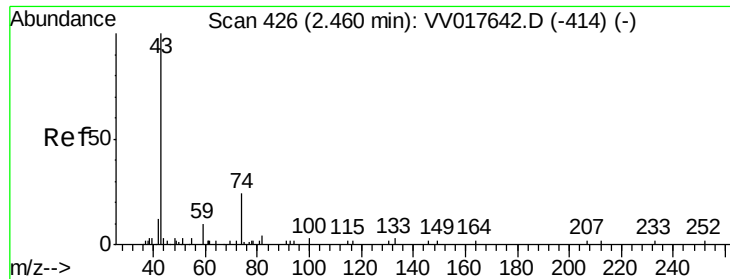
500

0

2.25 2.30 2.35

Time-->





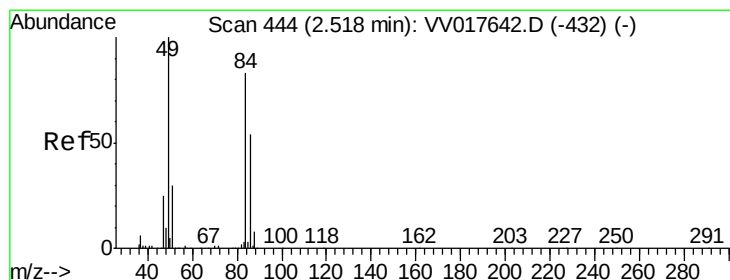
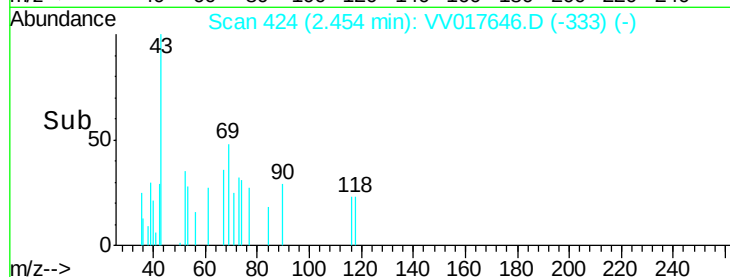
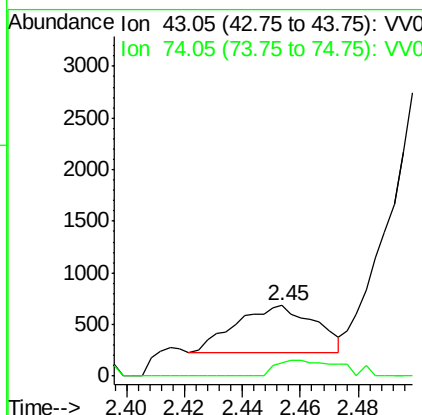
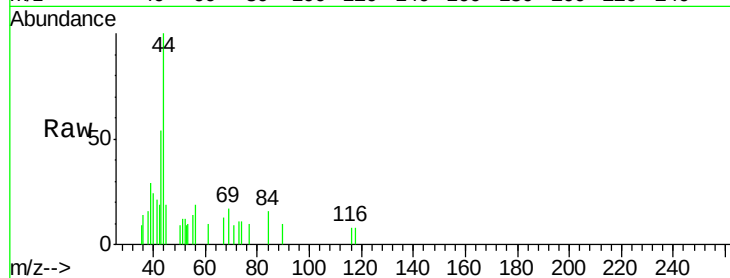
#15
Methvl Acetate
Concen: 0.275 ug/L
RT: 2.45 min Scan# 424
Delta R.T. -0.01 min
Lab File: VV017646.D
Acq: 24 Jul 2020 14:03

Instrument :
MSVOA_V
ClientSampled :
GAY23DL

Tot Ion	43	Resp	851
Ion Ratio	100	Lower	Upper
74	28.2	26.6	40.0

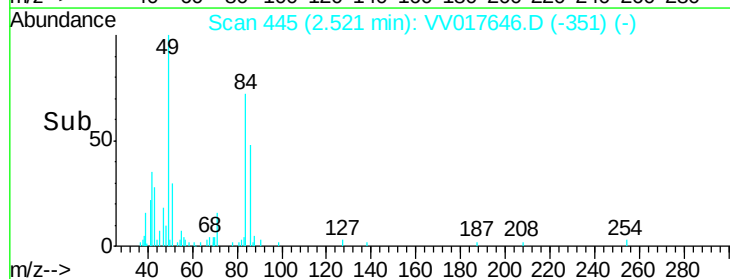
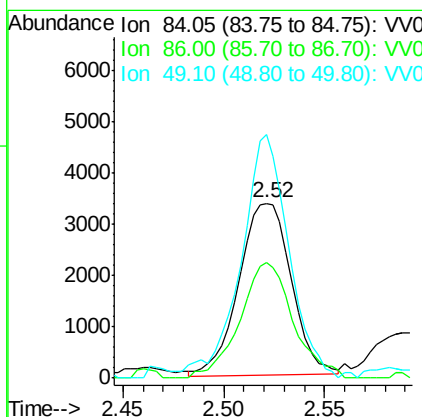
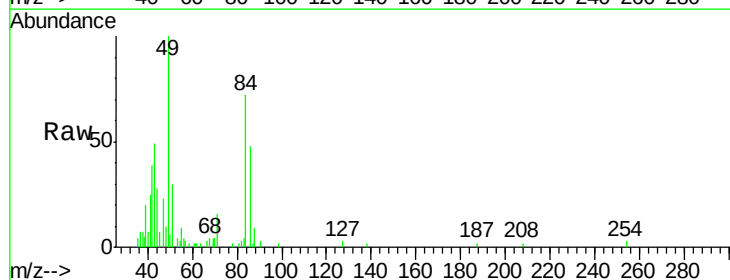
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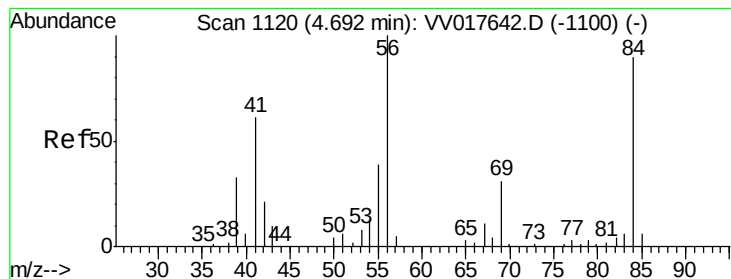
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#16
Methylene chloride
Concen: 0.570 ug/L
RT: 2.52 min Scan# 445
Delta R.T. 0.00 min
Lab File: VV017646.D
Acq: 24 Jul 2020 14:03

Tgt Ion	84	Resp	6076
Ion Ratio	100	Lower	Upper
86	66.3	46.5	86.3
49	139.3	79.2	147.2





#30

Cyclohexane

Concen: 0.944 ug/L

RT: 4.70 min Scan# 1122

Delta R.T. 0.01 min

Lab File: VV017646.D

Acq: 24 Jul 2020 14:03

Instrument :

MSVOA_V

ClientSampleId :

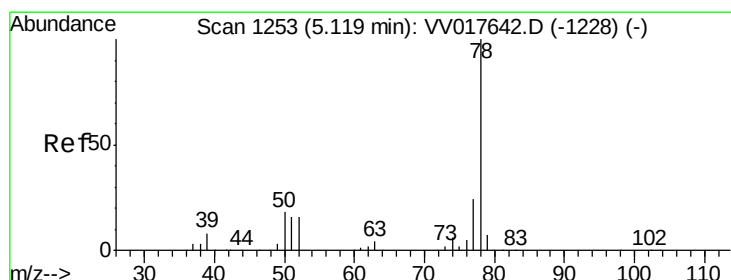
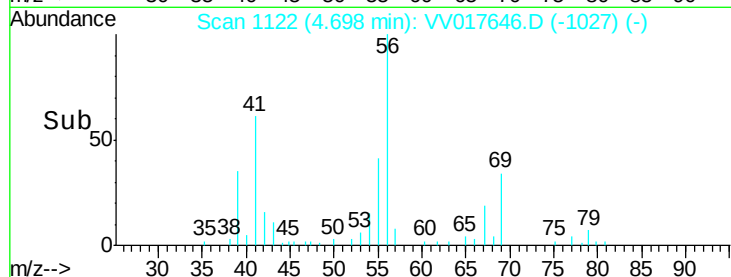
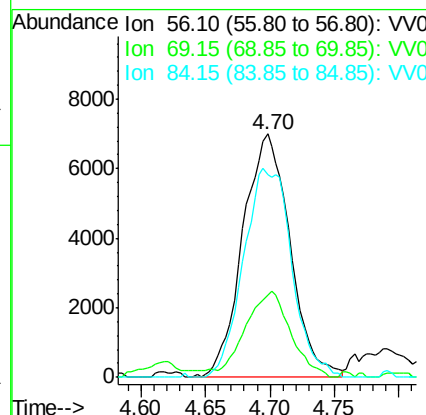
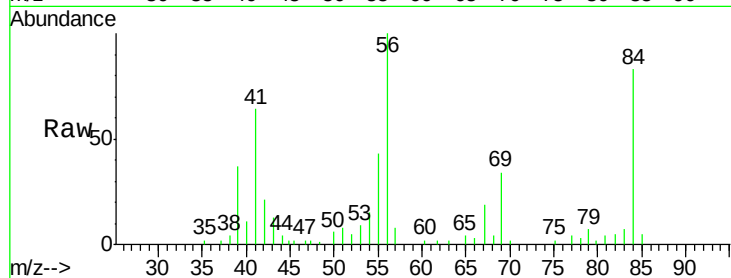
GAY23DL

Tot Ion: 56 Resp: 17852

Ion	Ratio	Lower	Upper
56	100		
69	34.6	25.4	38.2
84	87.7	73.0	109.4

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#33

Benzene

Concen: 7.530 ug/L

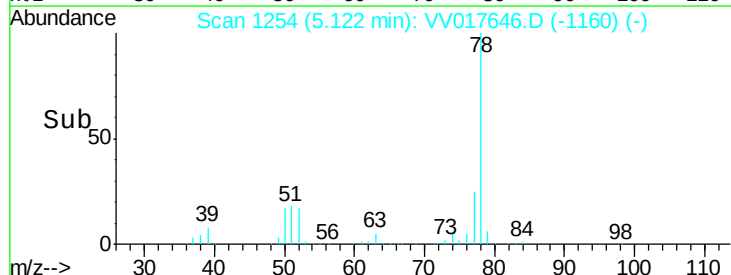
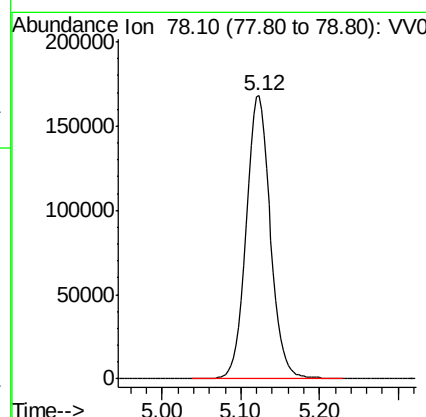
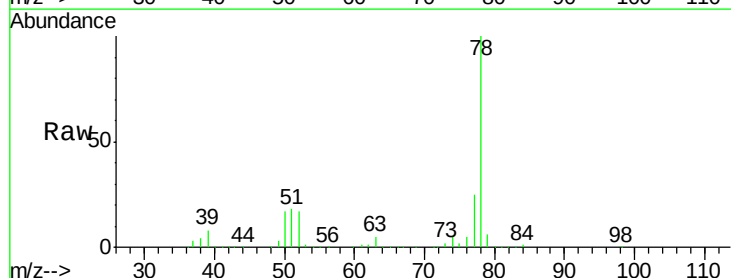
RT: 5.12 min Scan# 1254

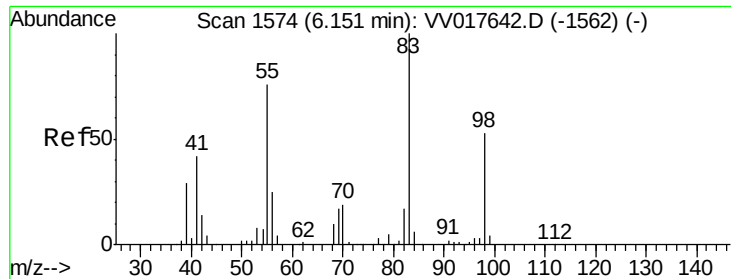
Delta R.T. 0.00 min

Lab File: VV017646.D

Acq: 24 Jul 2020 14:03

Tgt Ion: 78 Resp: 363539





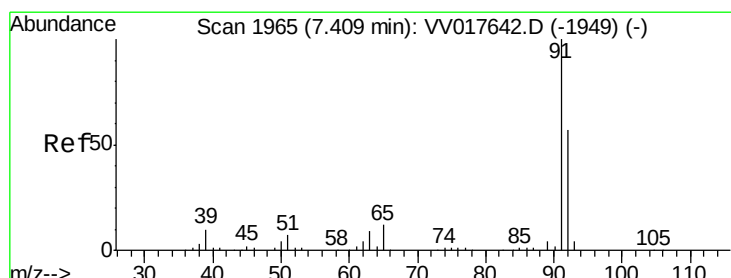
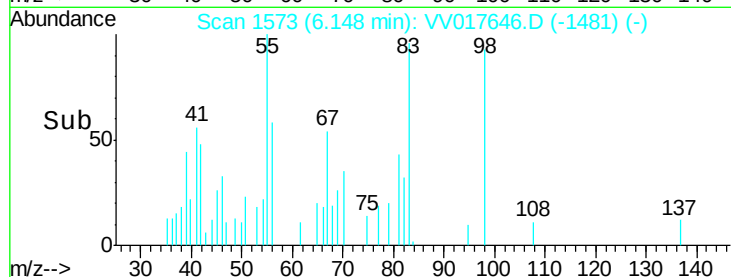
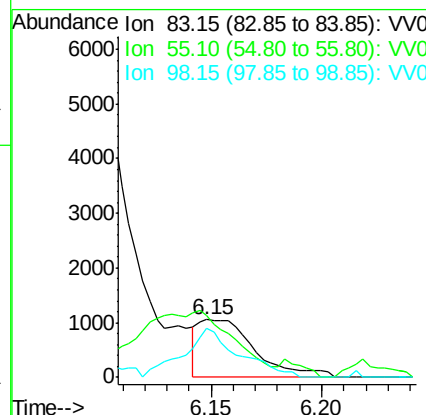
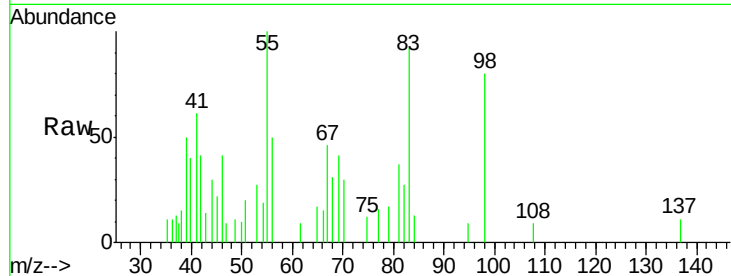
#35
Methylvlcyclohexane
Concen: 0.091 ug/L
RT: 6.15 min Scan# 1573
Delta R.T. -0.00 min
Lab File: VV017646.D
Acq: 24 Jul 2020 14:03

Instrument :
MSVOA_V
ClientSampleId :
GAY23DL

Tot Ion	Ratio	Lower	Upper
83	100		
55	113.6	61.8	92.8#
98	84.5	39.0	58.6#

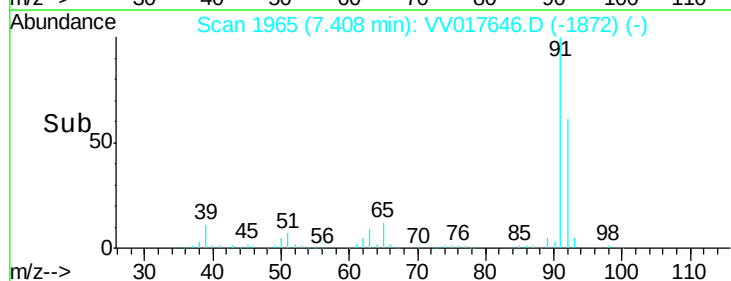
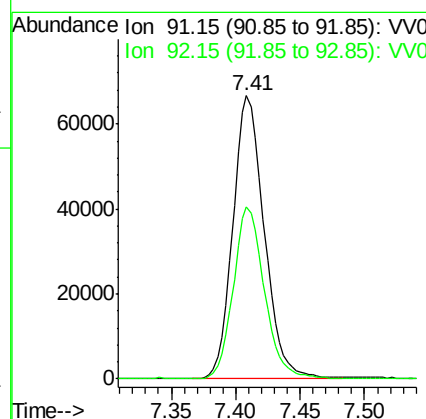
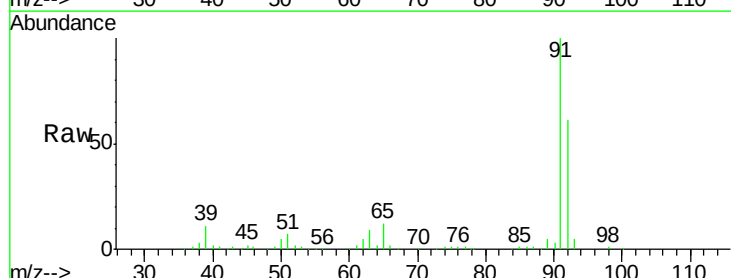
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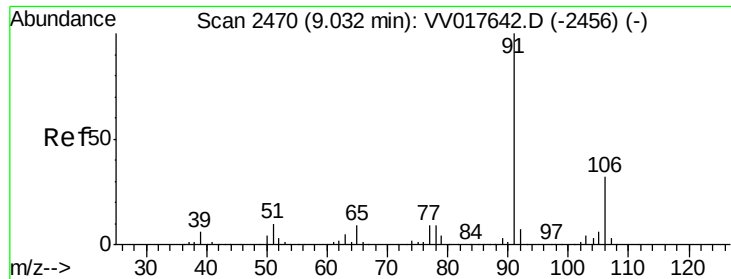
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#42
Toluene
Concen: 2.142 ug/L
RT: 7.41 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VV017646.D
Acq: 24 Jul 2020 14:03

Tgt Ion	Ratio	Lower	Upper
91	100		
92	60.7	40.8	75.8





#54

Ethylbenzene

Concen: 1.814 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. -0.00 min

Lab File: VV017646.D

Acq: 24 Jul 2020 14:03

Instrument :

MSVOA_V

ClientSampleId :

GAY23DL

Tot Ion: 91 Resp: 106989

Ion Ratio Lower Upper

91 100

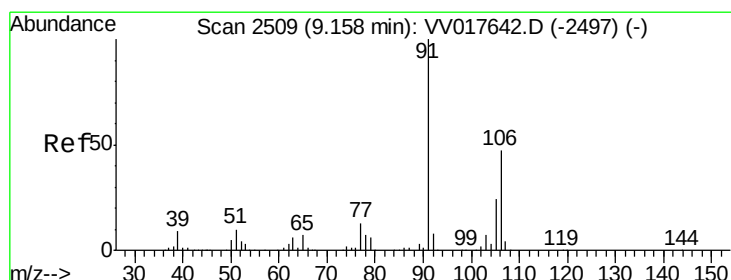
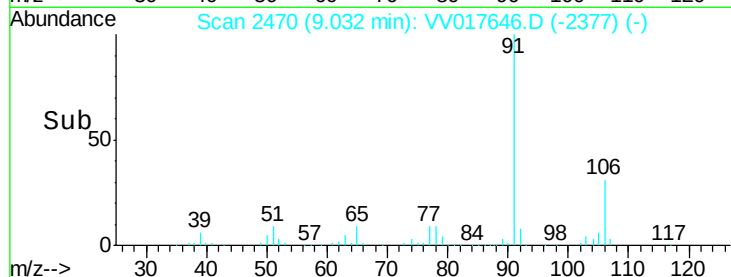
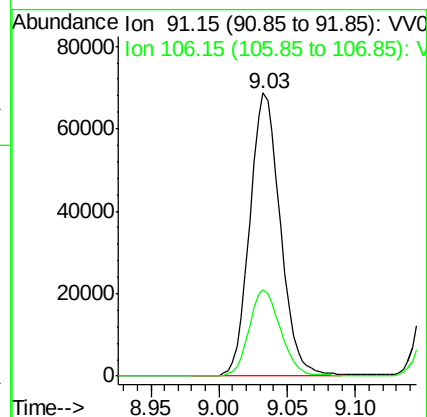
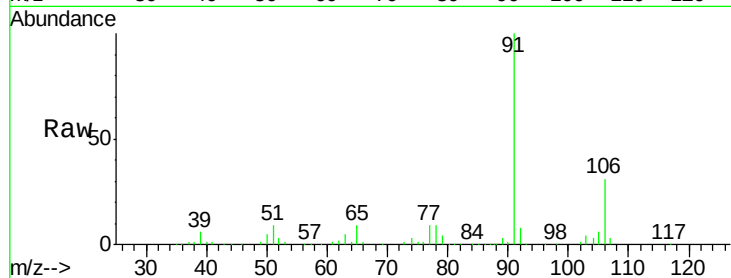
106 30.7 21.6 40.2

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#55

m,p-xylene

Concen: 1.551 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV017646.D

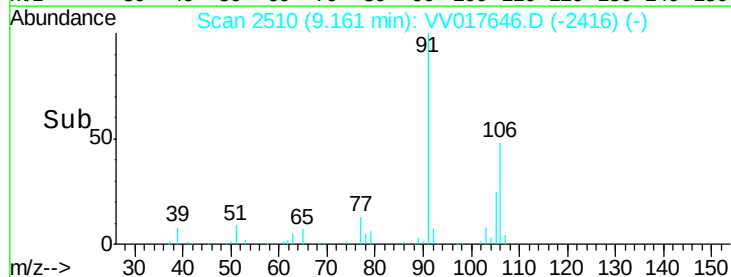
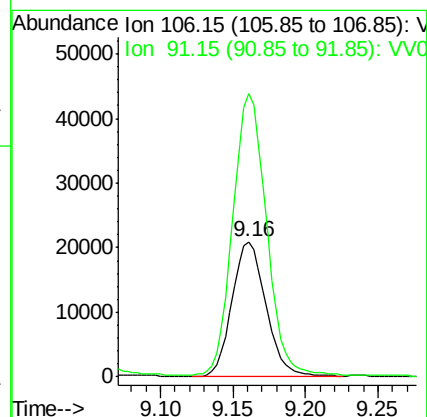
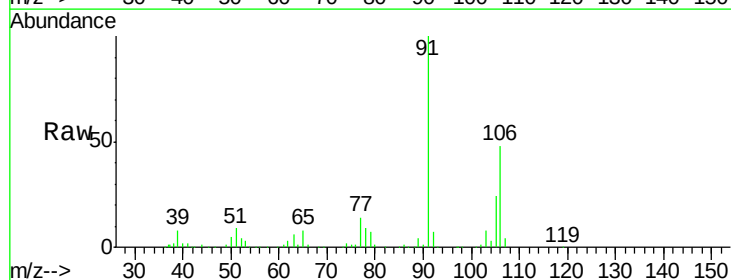
Acq: 24 Jul 2020 14:03

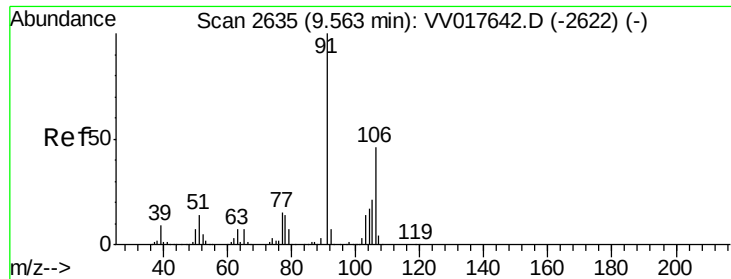
Tgt Ion: 106 Resp: 34440

Ion Ratio Lower Upper

106 100

91 208.9 141.3 262.3





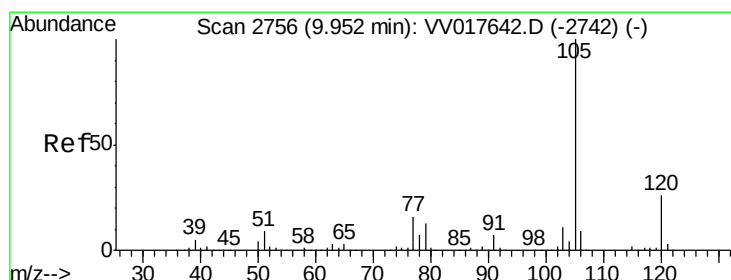
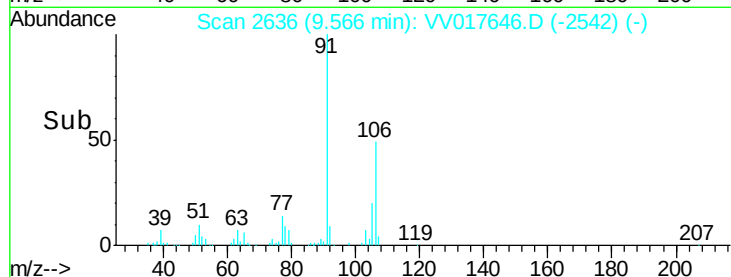
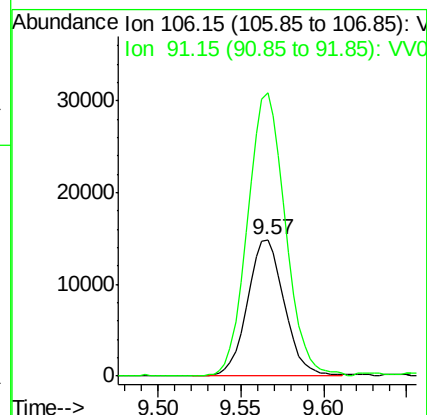
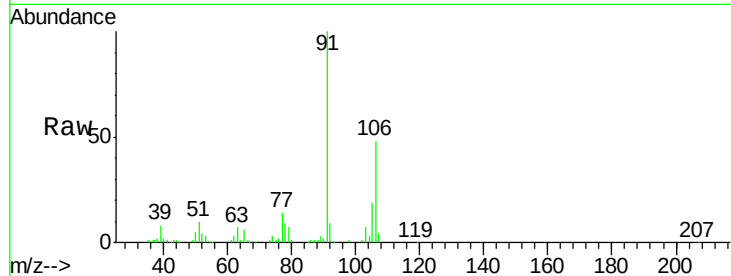
#56
o-xylene
Concen: 1.073 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV017646.D
Acq: 24 Jul 2020 14:03

Instrument :
MSVOA_V
ClientSampleId :
GAY23DL

Tot Ion:106 Resp: 23115
Ion Ratio Lower Upper
106 100
91 206.9 153.9 285.7

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#58
Isopropylbenzene
Concen: 0.224 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VV017646.D
Acq: 24 Jul 2020 14:03

Tgt Ion:105 Resp: 13293
Ion Ratio Lower Upper
105 100
120 26.9 21.1 31.7
77 18.0 13.0 19.6

