

Data File : VV012895.D
Acq On : 18 Sep 2019 14:42
Operator : SY/MD
Sample : K4833-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETOH3

Manual Integrations
APPROVED

MMDadoda
9/19/2019 8:19:24 AM

Quant Time: Sep 19 03:49:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 19 01:01:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	416171	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	402222	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	166443	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	167513	4.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.40%
7) Chloroethane-d5	1.58	69	151227	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.13	63	210122	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	3.99	46	398826	46.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.48%
24) Chloroform-d	4.40	84	304163	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.08	65	158967	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.10	84	636938	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.12	67	200043	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.36	98	516169	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.66	79	65829	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.14	63	279924	45.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.28%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	143021	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	184361	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

					Qvalue
3) Chloromethane	1.26	50	5655	0.195 ug/L	98
13) Acetone	2.28	43	39631m	8.689 ug/L	
14) Carbon disulfide	2.32	76	10294	0.225 ug/L	96
30) Cyclohexane	4.72	56	13473	0.387 ug/L #	59
33) Benzene	5.15	78	55914	0.536 ug/L	100
35) Methylcyclohexane	6.18	83	15160	0.420 ug/L	91
42) Toluene	7.43	91	152893	1.407 ug/L	100
47) Tetrachloroethene	8.02	164	45115	2.088 ug/L	98
52) Ethylbenzene	9.05	91	44239	0.380 ug/L	99
53) m,p-xylene	9.18	106	24272	0.565 ug/L	96
54) o-xylene	9.59	106	10269	0.243 ug/L	98

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

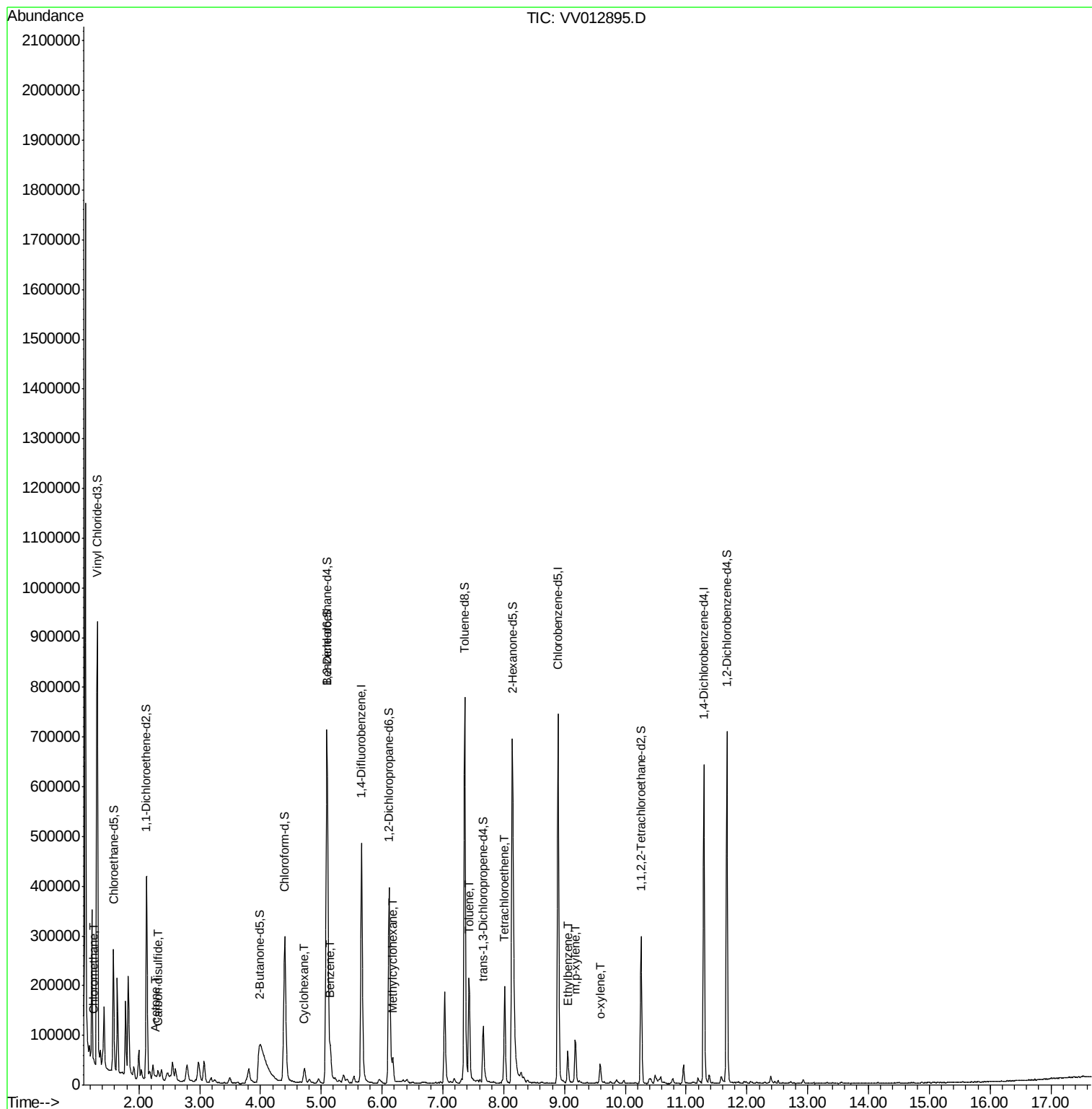
Data File : VV012895.D
Acq On : 18 Sep 2019 14:42
Operator : SY/MD
Sample : K4833-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

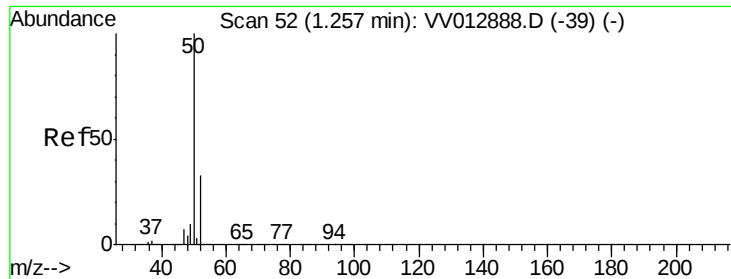
Instrument :
MSVOA_V
ClientSampleId :
ETOH3

Manual Integrations
APPROVED

MMDadoda
9/19/2019 8:19:24 AM

Quant Time: Sep 19 03:49:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 19 01:01:31 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.195 ug/L

RT: 1.26 min Scan# 52

Delta R.T. 0.00 min

Lab File: VV012895.D

Acq: 18 Sep 2019 14:42

Instrument :

MSVOA_V

ClientSampleId :

ETOH3

Tgt Ion: 50 Resp: 5655

Ion Ratio Lower Upper

50 100

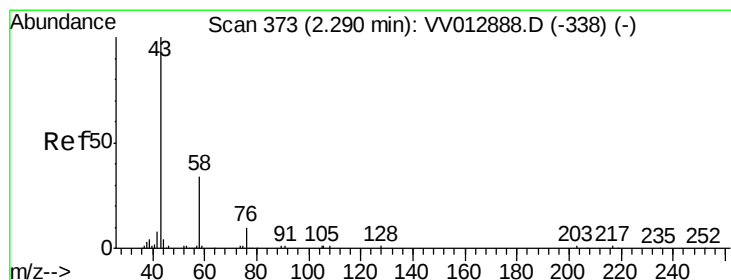
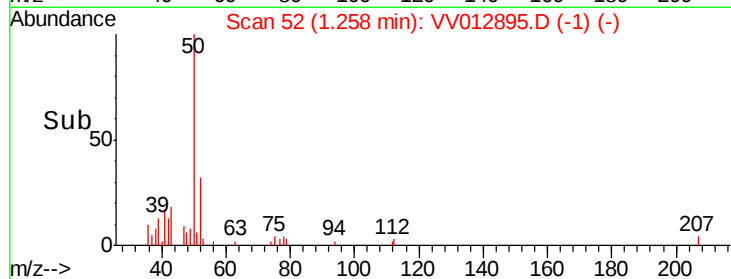
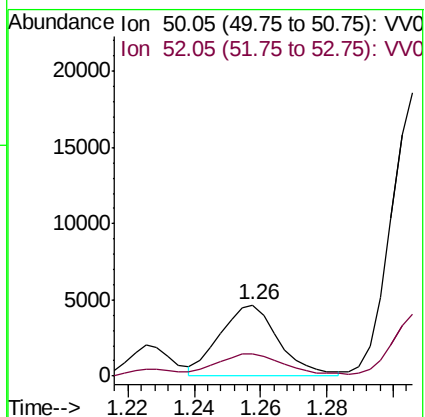
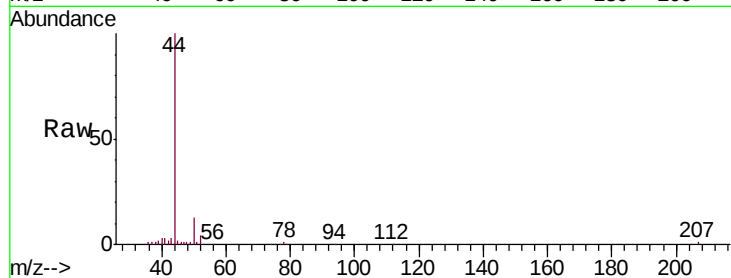
52 31.6 22.8 42.4

Manual Integrations

APPROVED

MMDadoda

9/19/2019 8:19:24 AM



#13

Acetone

Concen: 8.689 ug/L m

RT: 2.28 min Scan# 369

Delta R.T. -0.01 min

Lab File: VV012895.D

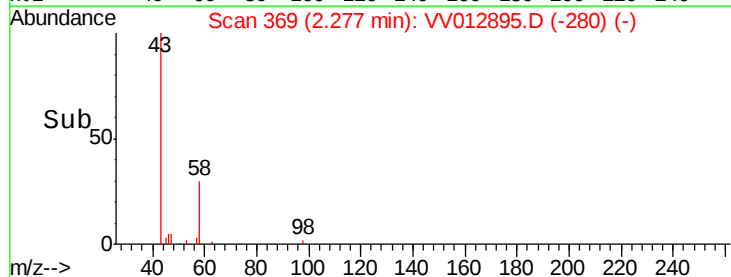
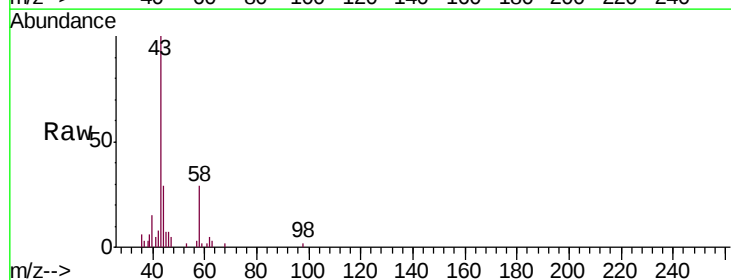
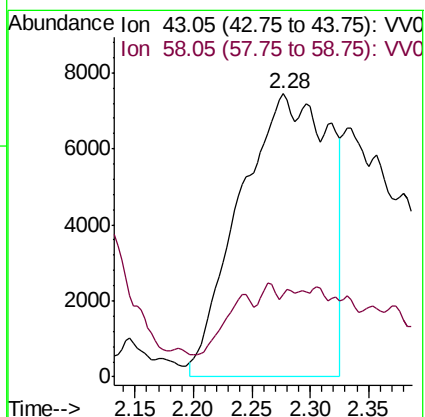
Acq: 18 Sep 2019 14:42

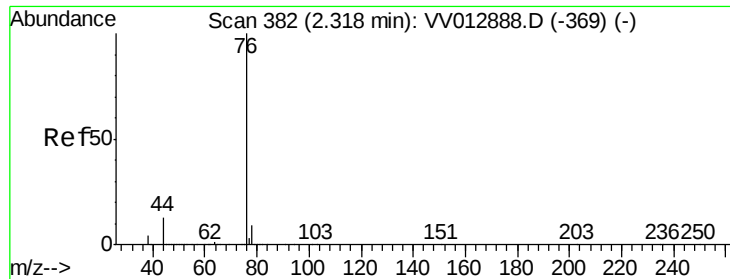
Tgt Ion: 43 Resp: 39631

Ion Ratio Lower Upper

43 100

58 1.4 0.0 24.4





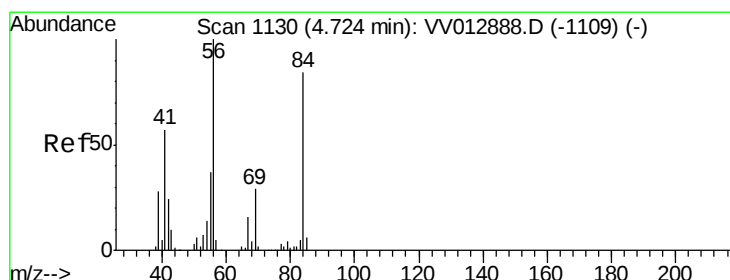
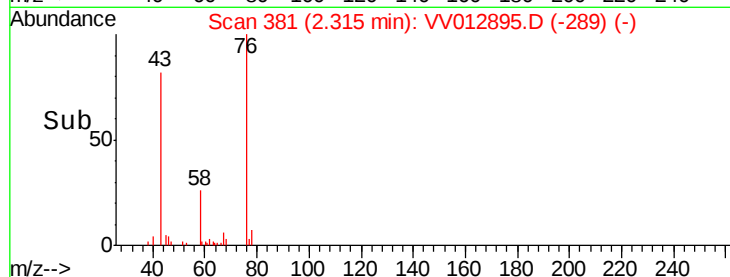
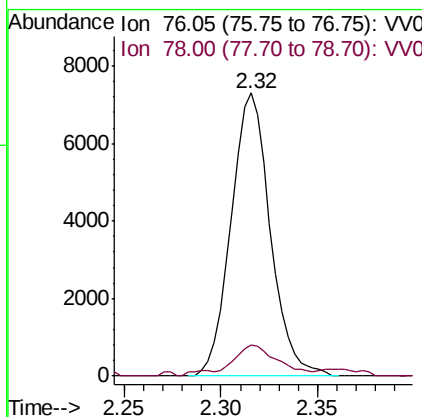
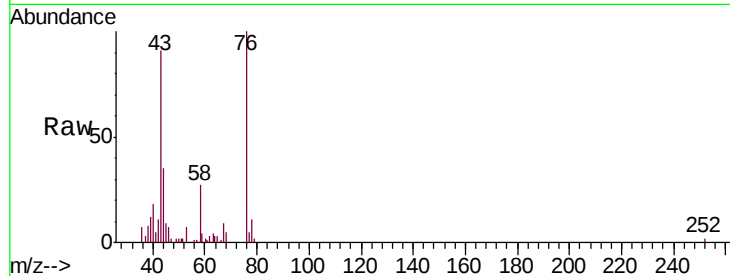
#14
Carbon disulfide
Concen: 0.225 ug/L
RT: 2.32 min Scan# 381
Delta R.T. -0.00 min
Lab File: VV012895.D
Acq: 18 Sep 2019 14:42

Instrument :
MSVOA_V
ClientSampleId :
ETOH3

Tgt Ion: 76 Resp: 10294
Ion Ratio Lower Upper
76 100
78 11.0 7.6 11.4

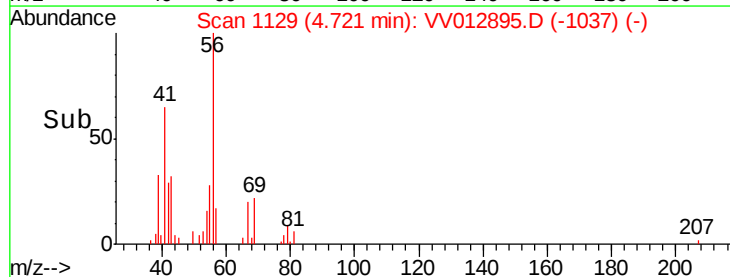
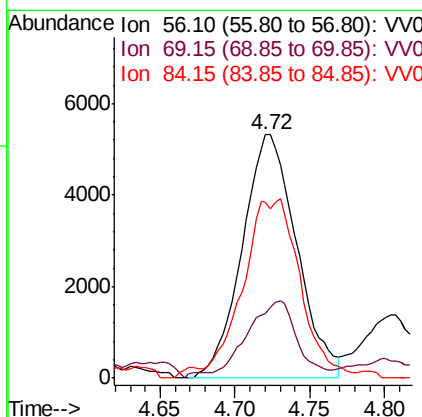
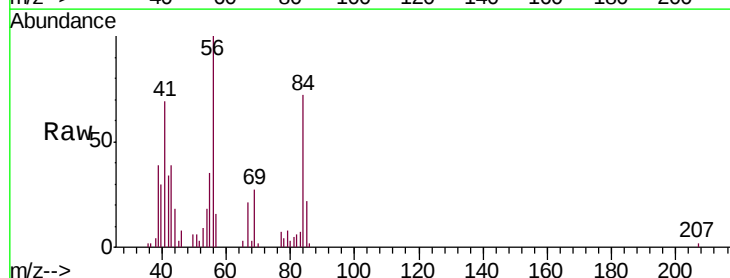
Manual Integrations
APPROVED

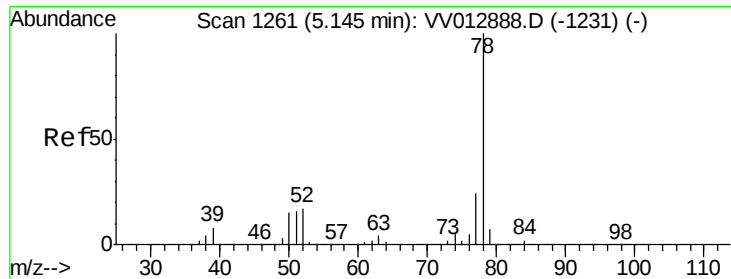
MMDadoda
9/19/2019 8:19:24 AM



#30
Cyclohexane
Concen: 0.387 ug/L
RT: 4.72 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VV012895.D
Acq: 18 Sep 2019 14:42

Tgt Ion: 56 Resp: 13473
Ion Ratio Lower Upper
56 100
69 30.1 24.4 36.6
84 35.3 69.3 103.9#





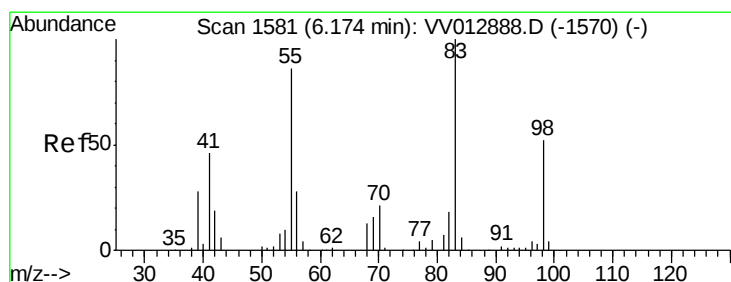
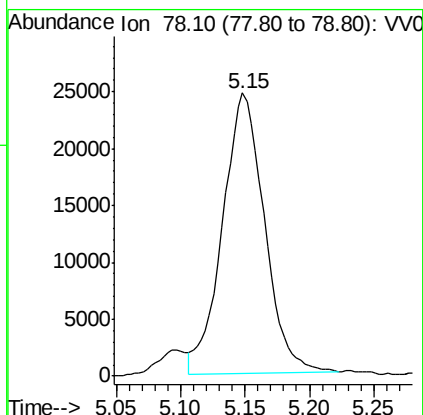
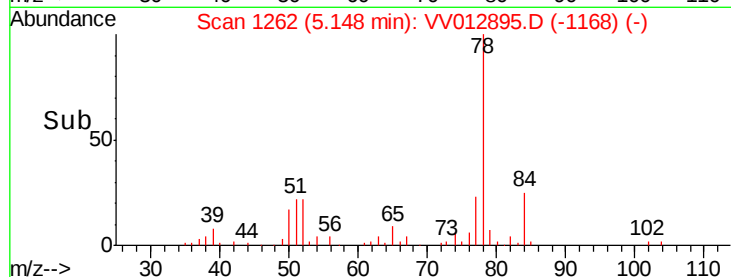
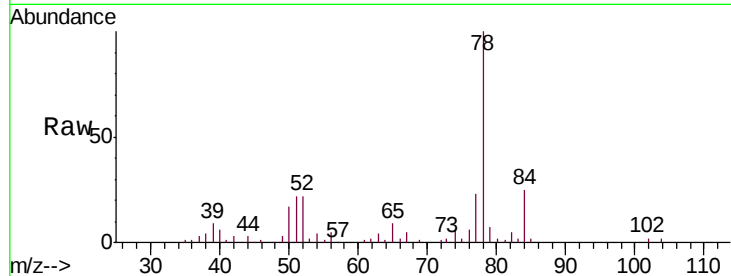
#33
Benzene
Concen: 0.536 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.00 min
Lab File: VV012895.D
Acq: 18 Sep 2019 14:42

Instrument :
MSVOA_V
ClientSampled :
ETOH3

Tgt Ion: 78 Resp: 55914

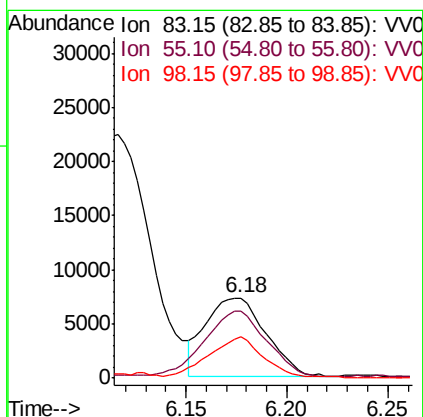
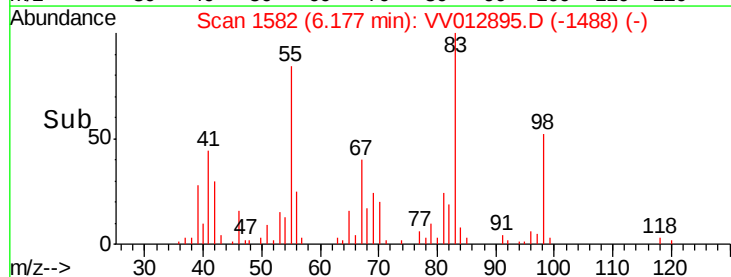
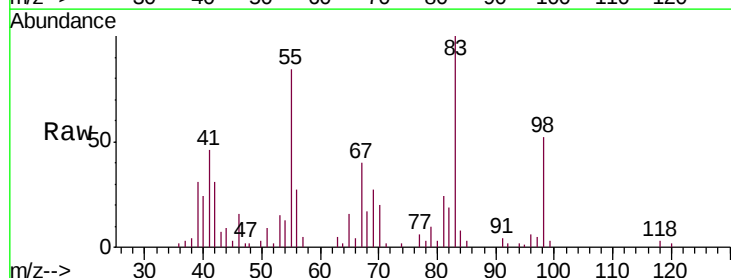
Manual Integrations
APPROVED

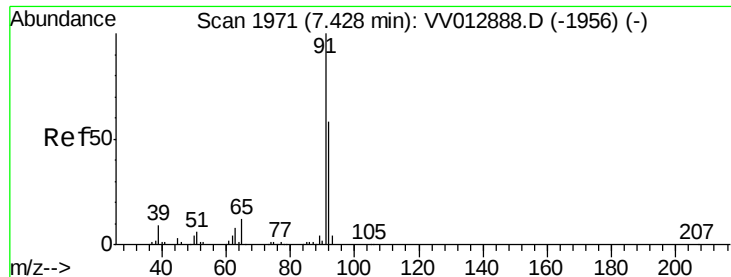
MMDadoda
9/19/2019 8:19:24 AM



#35
Methylcyclohexane
Concen: 0.420 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VV012895.D
Acq: 18 Sep 2019 14:42

Tgt Ion: 83 Resp: 15160
Ion Ratio Lower Upper
83 100
55 92.5 63.8 95.6
98 48.2 38.2 57.4





#42

Toluene

Concen: 1.407 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV012895.D

Acq: 18 Sep 2019 14:42

Instrument :

MSVOA_V

ClientSampleId :

ETOH3

Tgt Ion: 91 Resp: 152893

Ion Ratio Lower Upper

91 100

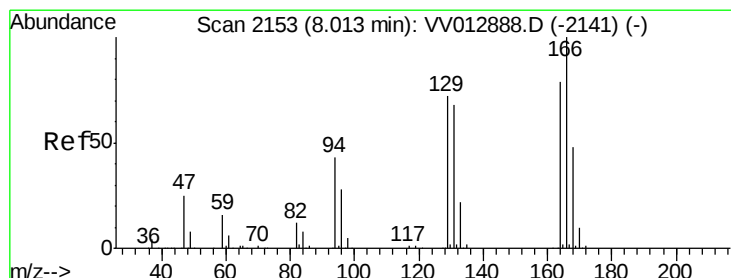
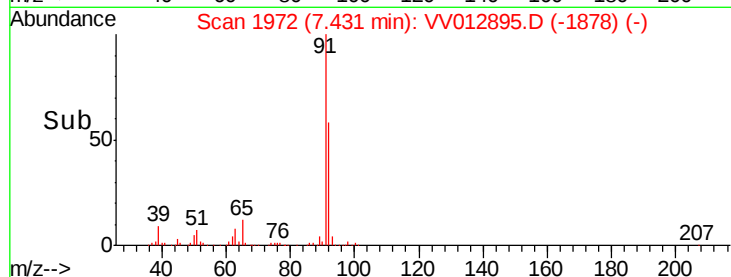
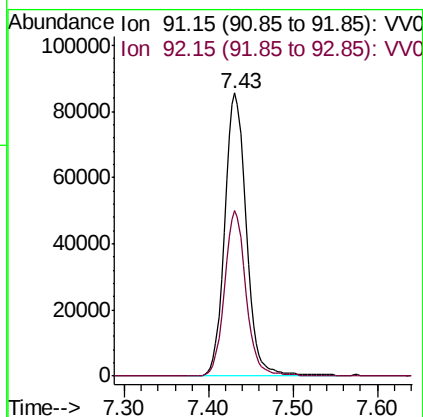
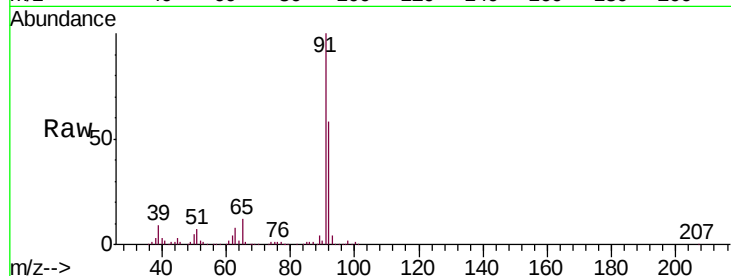
92 58.3 40.8 75.8

Manual Integrations

APPROVED

MMDadoda

9/19/2019 8:19:24 AM



#47

Tetrachloroethene

Concen: 2.088 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV012895.D

Acq: 18 Sep 2019 14:42

Tgt Ion: 164 Resp: 45115

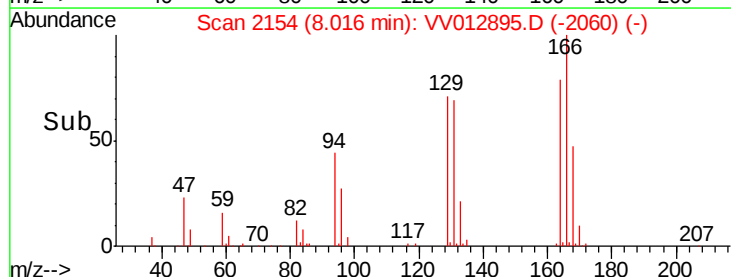
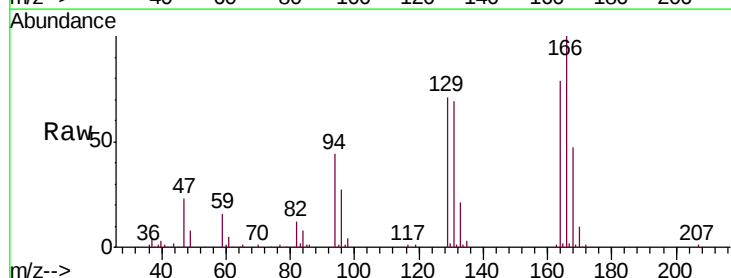
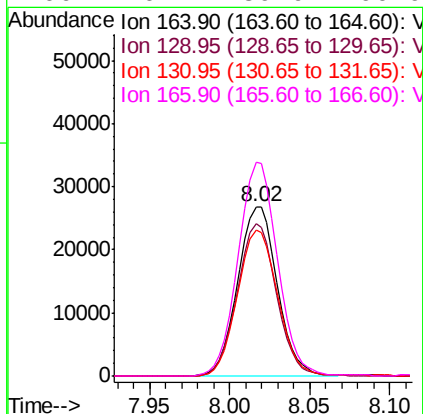
Ion Ratio Lower Upper

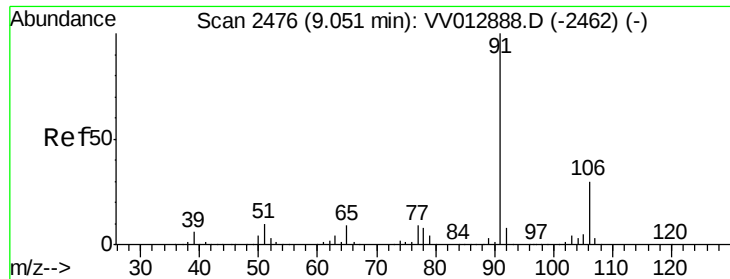
164 100

129 89.6 63.8 118.6

131 86.5 63.1 117.3

166 126.1 89.9 166.9





#52

Ethylbenzene

Concen: 0.380 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. 0.00 min

Lab File: VV012895.D

Acq: 18 Sep 2019 14:42

Instrument :

MSVOA_V

ClientSampleId :

ETOH3

Tgt Ion: 91 Resp: 44239

Ion Ratio Lower Upper

91 100

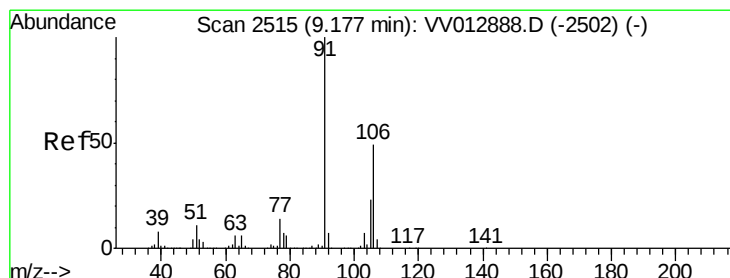
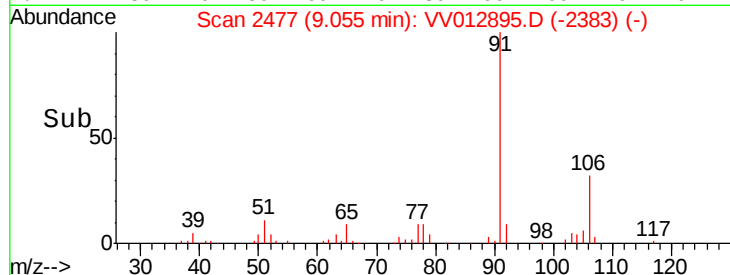
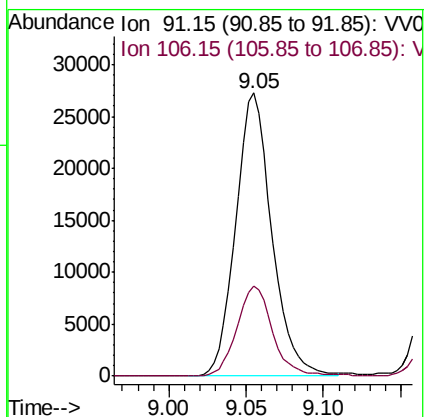
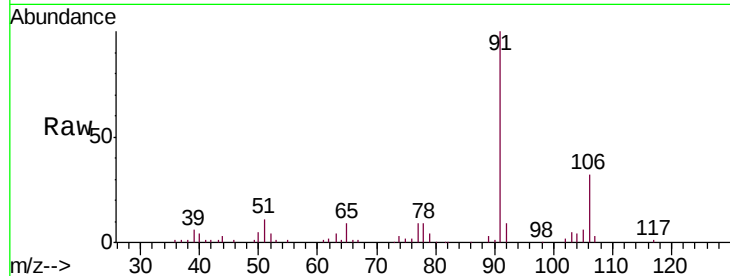
106 31.7 21.7 40.3

Manual Integrations

APPROVED

MMDadoda

9/19/2019 8:19:24 AM



#53

m,p-xylene

Concen: 0.565 ug/L

RT: 9.18 min Scan# 2515

Delta R.T. 0.00 min

Lab File: VV012895.D

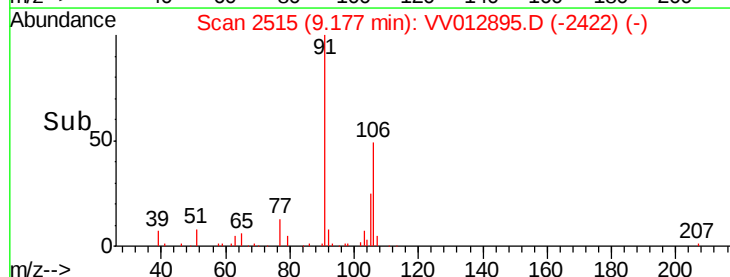
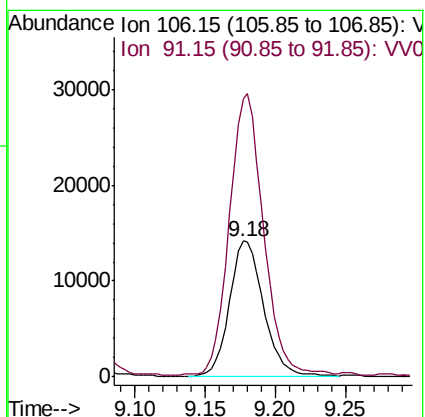
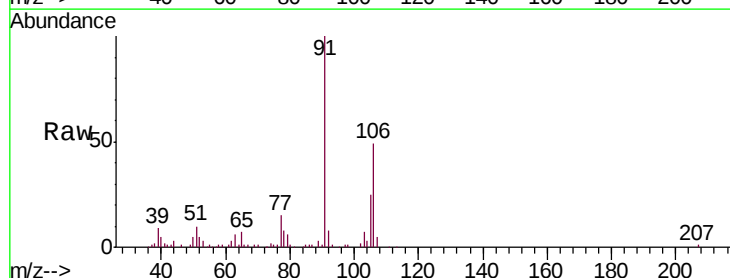
Acq: 18 Sep 2019 14:42

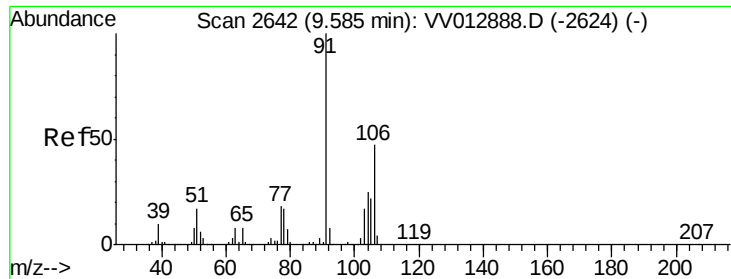
Tgt Ion: 106 Resp: 24272

Ion Ratio Lower Upper

106 100

91 204.8 139.6 259.2





#54
o-xylene
Concen: 0.243 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV012895.D
Acq: 18 Sep 2019 14:42

Instrument :
MSVOA_V
ClientSampleId :
ETOH3

Tgt Ion:106 Resp: 10269
Ion Ratio Lower Upper
106 100
91 206.8 147.4 273.8

Manual Integrations
APPROVED

MMDadoda
9/19/2019 8:19:24 AM

