

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092820\
 Data File : VV018486.D
 Acq On : 28 Sep 2020 12:18
 Operator : SY/MD
 Sample : L4109-19ME
 Misc : 6.45g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Z0ME

Manual Integrations
 APPROVED

MMDadoda
 10/2/2020 11:43:19 AM

Quant Time: Sep 29 02:13:17 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M

Quant Title : VOC Analysis

QLast Update : Tue Sep 29 00:50:40 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	368049	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	363133	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.28	152	186855	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	121532	40.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.04%
7) Chloroethane-d5	1.58	69	94502	38.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.00%
11) 1,1-Dichloroethene-d2	2.10	63	162232	29.49	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.98%#
21) 2-Butanone-d5	3.94	46	156502	85.25	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.25%
24) Chloroform-d	4.37	84	215389	41.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.78%
26) 1,2-Dichloroethane-d4	5.05	65	141632	42.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.92%
32) Benzene-d6	5.07	84	456285	43.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.78%
36) 1,2-Dichloropropane-d6	6.09	67	146859	44.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.92%
41) Toluene-d8	7.34	98	417351	44.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.10%
43) trans-1,3-Dichloropropene-	7.65	79	73213	43.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.24%
47) 2-Hexanone-d5	8.15	63	112284	89.74	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.74%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	180639	43.57	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.14%
64) 1,2-Dichlorobenzene-d4	11.65	152	178126	46.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.84%

Target Compounds

					Ovalue
29) Cyclohexane	4.69	56	20956	4.998 ug/L	93
35) Methylcyclohexane	6.15	83	5722m	1.344 ug/L	
62) 1,3-Dichlorobenzene	11.21	146	4616	0.831 ug/L #	92
63) 1,4-Dichlorobenzene	11.30	146	14792	2.590 ug/L	96
68) 1,2,4-trichlorobenzene	13.29	180	191592	49.118 ug/L	98
70) 1,2,3-Trichlorobenzene	13.77	180	40896	10.645 ug/L #	96

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

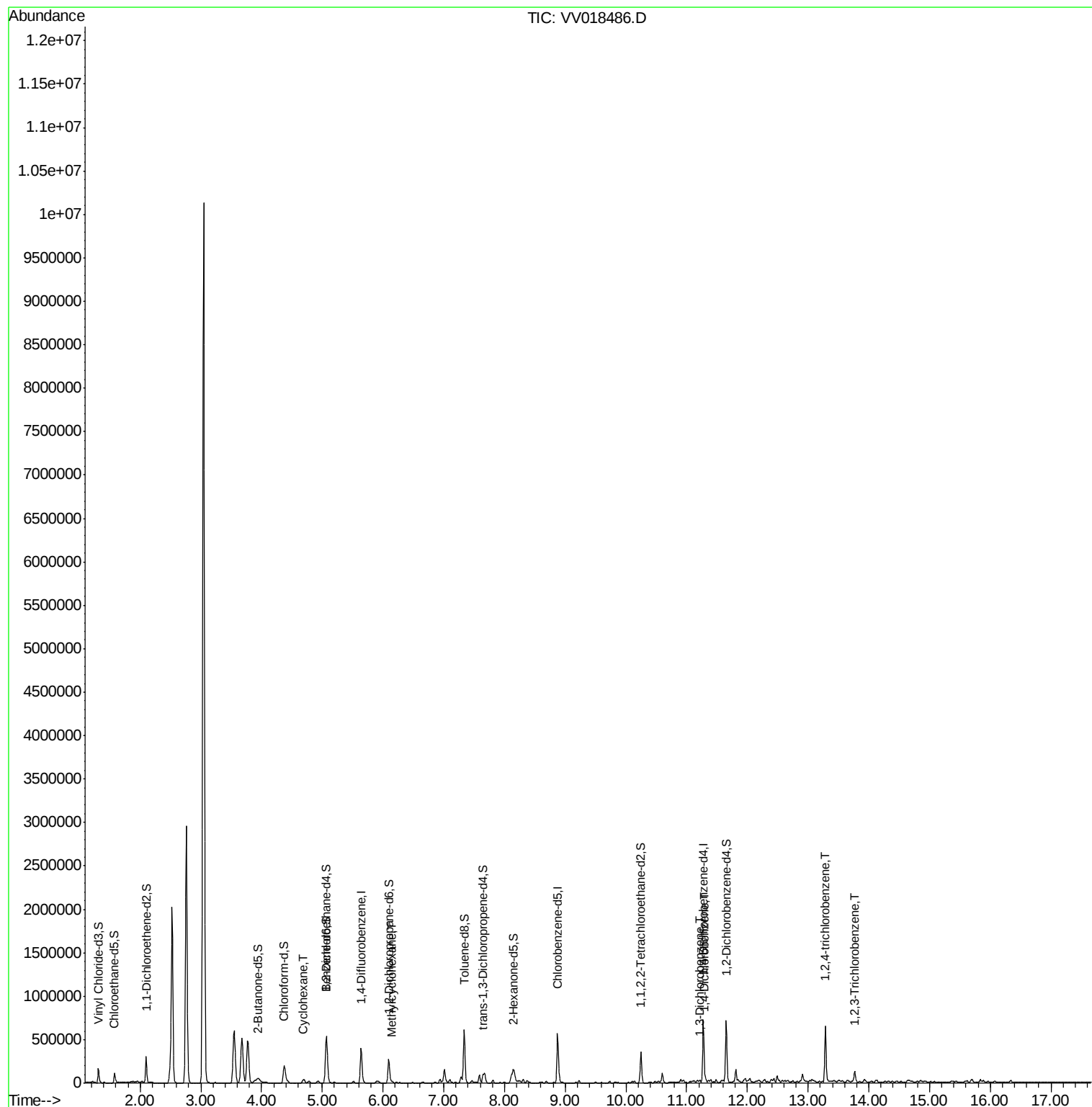
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092820\
Data File : VV018486.D
Acq On : 28 Sep 2020 12:18
Operator : SY/MD
Sample : L4109-19ME
Misc : 6.45g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 6 Sample Multiplier: 1

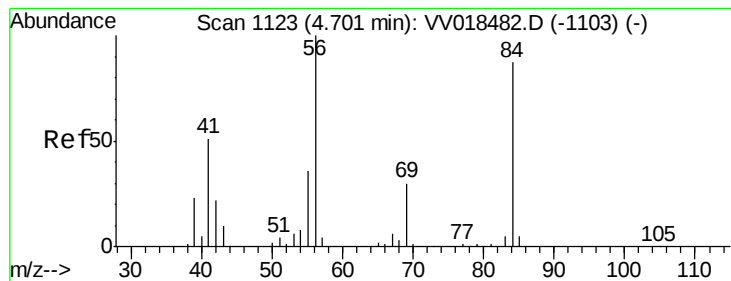
Instrument :
MSVOA_V
ClientSampleId :
BG3Z0ME

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Quant Time: Sep 29 02:13:17 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 29 00:50:40 2020
Response via : Initial Calibration





#29

Cyclohexane

Concen: 4.998 ug/L

RT: 4.69 min Scan# 1120

Delta R.T. -0.01 min

Lab File: VV018486.D

Acq: 28 Sep 2020 12:18

Instrument :

MSVOA_V

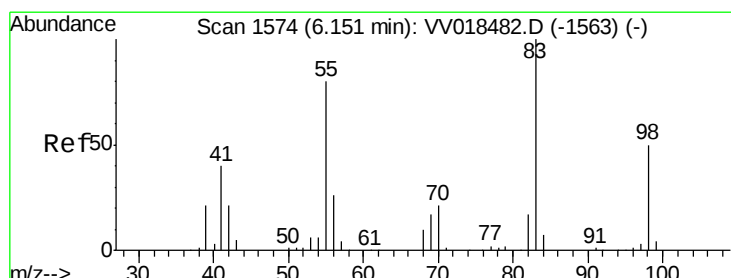
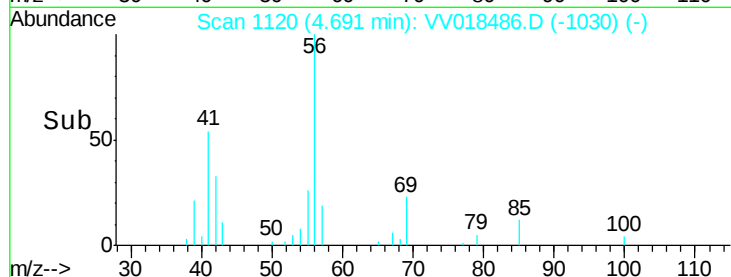
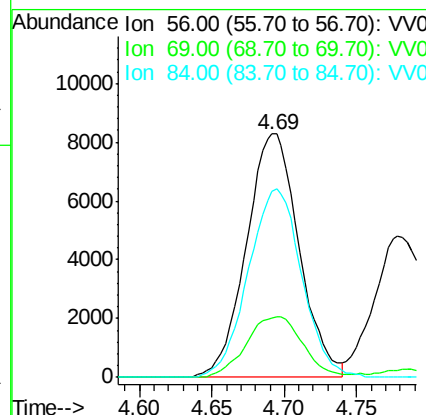
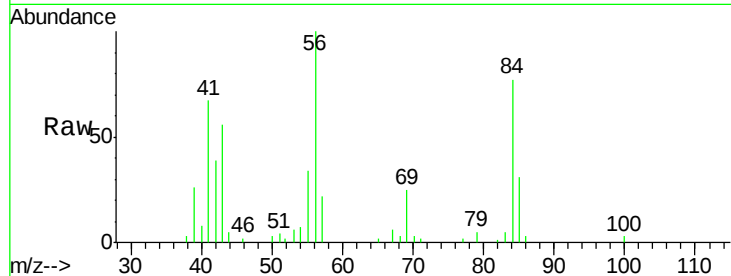
ClientSampled :

BG3Z0ME

Tot Ion:	56	Resp:	20956
Ion	Ratio	Lower	Upper
56	100		
69	26.6	24.2	36.2
84	78.5	68.3	102.5

Manual Integrations
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#35

Methylcyclohexane

Concen: 1.344 ug/L m

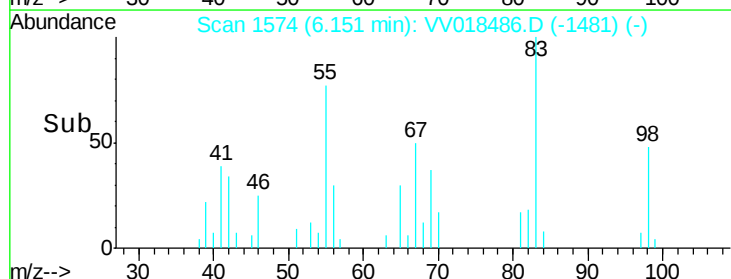
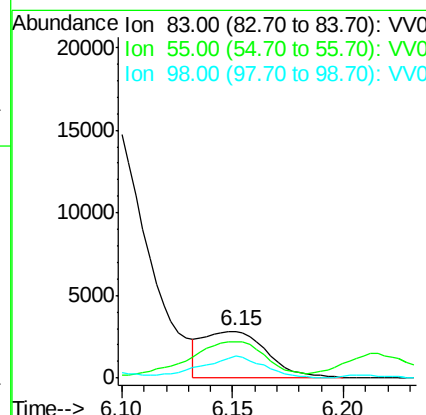
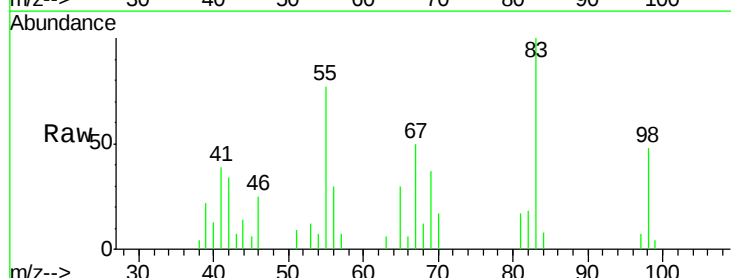
RT: 6.15 min Scan# 1574

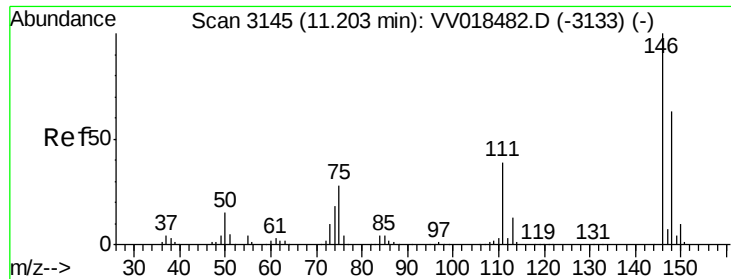
Delta R.T. -0.00 min

Lab File: VV018486.D

Acq: 28 Sep 2020 12:18

Tgt Ion:	83	Resp:	5722
Ion	Ratio	Lower	Upper
83	100		
55	4.2	63.4	95.2#
98	3.7	38.8	58.2#





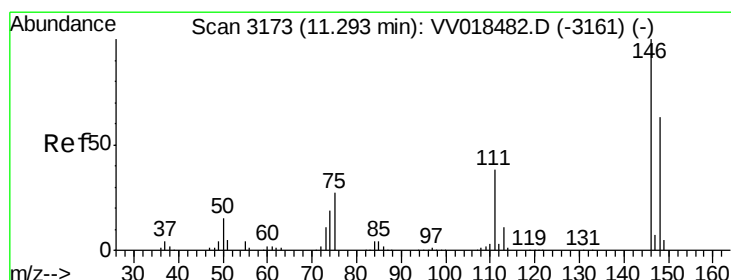
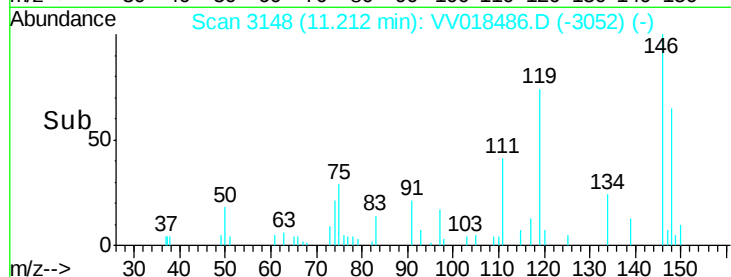
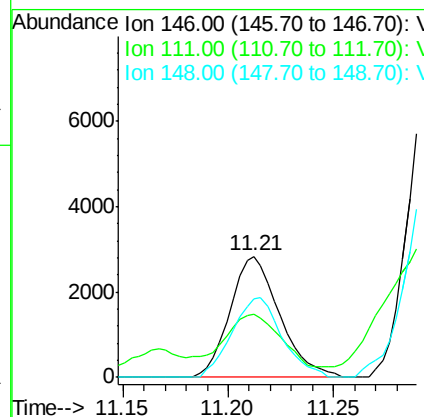
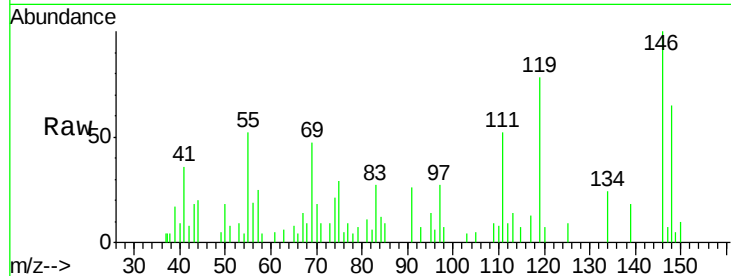
#62
 1,3-Dichlorobenzene
 Concen: 0.831 ug/L
 RT: 11.21 min Scan# 3148
 Delta R.T. 0.01 min
 Lab File: VV018486.D
 Acq: 28 Sep 2020 12:18

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Z0ME

Tot Ion	Ratio	Lower	Upper
146	100		
111	51.7	27.6	51.2#
148	65.4	45.4	84.2

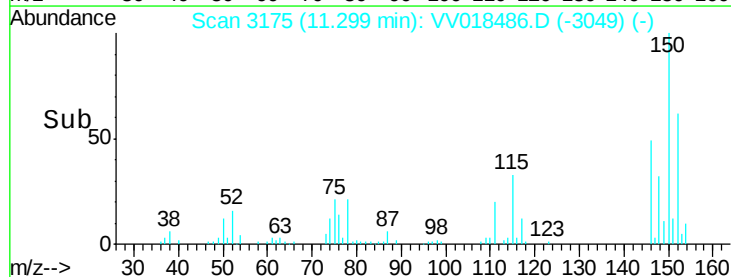
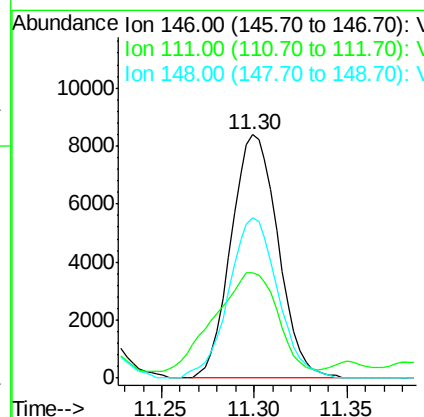
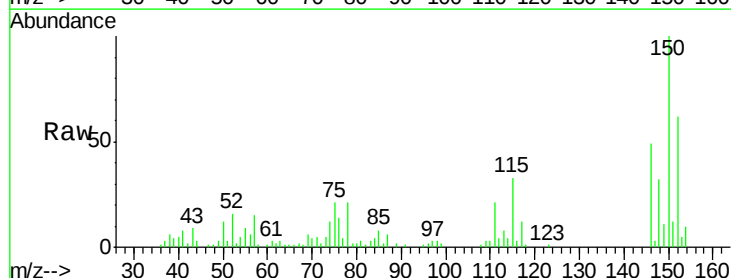
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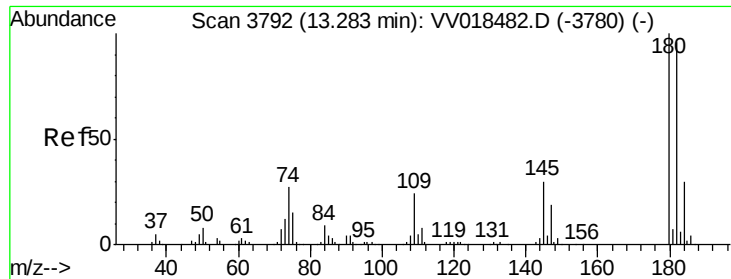
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 10/2/2020 11:43:19 AM



#63
 1,4-Dichlorobenzene
 Concen: 2.590 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.01 min
 Lab File: VV018486.D
 Acq: 28 Sep 2020 12:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.4	27.1	50.3
148	65.8	45.4	84.2





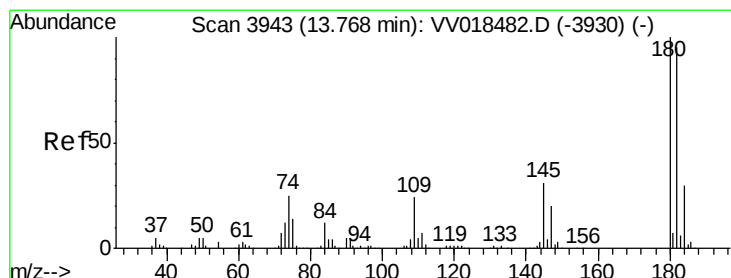
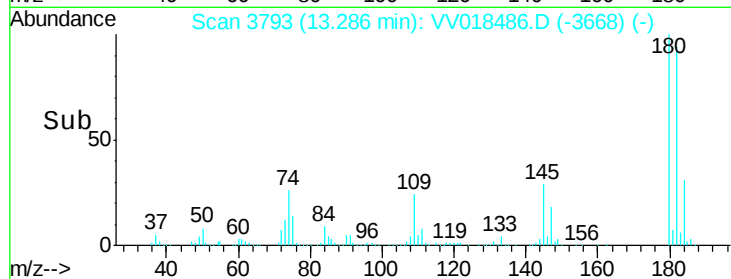
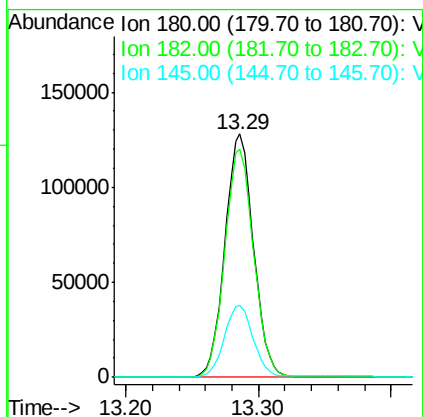
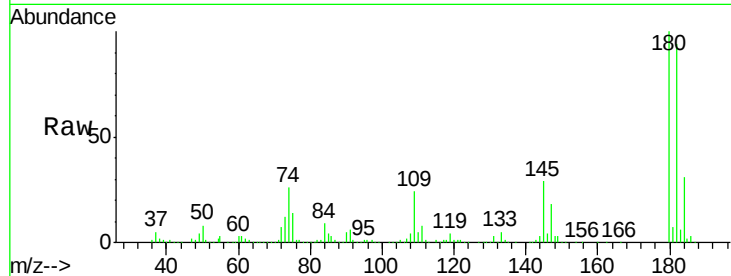
#68
 1,2,4-trichlorobenzene
 Concen: 49.118 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV018486.D
 Acq: 28 Sep 2020 12:18

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3ZOME

Tot Ion	Ratio	Resp	Lower	Upper
180	100	191592		
182	94.8	77.4	116.2	
145	29.6	23.2	34.8	

Manual Integrations
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#70
 1,2,3-Trichlorobenzene
 Concen: 10.645 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. -0.00 min
 Lab File: VV018486.D
 Acq: 28 Sep 2020 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	40896		
182	94.1	76.5	114.7	
145	38.3	24.9	37.3#	

