

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112219\
 Data File : VV013744.D
 Acq On : 22 Nov 2019 19:23
 Operator : SY/MD
 Sample : K5941-09
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 B0AC1

Manual Integrations
 APPROVED

MMDadoda
 11/26/2019 12:53:49 PM

Quant Time: Nov 23 03:16:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 23 01:35:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	328857	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	329635	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	151605	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	107506	5.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.60%
7) Chloroethane-d5	1.58	69	98551	5.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.00%
11) 1,1-Dichloroethene-d2	2.13	63	227038	6.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	132.60%#
20) 2-Butanone-d5	3.92	46	275022	65.00	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.00%
24) Chloroform-d	4.40	84	222145	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
26) 1,2-Dichloroethane-d4	5.08	65	113004	5.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.80%
32) Benzene-d6	5.09	84	436957	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.11	67	137225	5.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.20%
41) Toluene-d8	7.36	98	388312	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
43) trans-1,3-Dichloropropene-	7.66	79	48331	4.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.00%
46) 2-Hexanone-d5	8.13	63	215091	59.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.22%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	103513	5.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	164376	6.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.80%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	7912	0.411	ug/L	93
12) 1,1-Dichloroethene	2.14	96	157232	9.944	ug/L #	82
13) Acetone	2.19	43	21992m	7.432	ug/L	
14) Carbon disulfide	2.32	76	17201	0.471	ug/L	99
15) Methyl Acetate	2.46	43	2407	0.363	ug/L	96
16) Methylene chloride	2.53	84	3023	0.140	ug/L	99
17) Methyl tert-butyl Ether	2.80	73	9316	0.215	ug/L #	90
19) 1,1-Dichloroethane	3.23	63	238468	6.690	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	26600	1.270	ug/L	98
34) Trichloroethene	5.96	95	1523697	68.310	ug/L	98

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

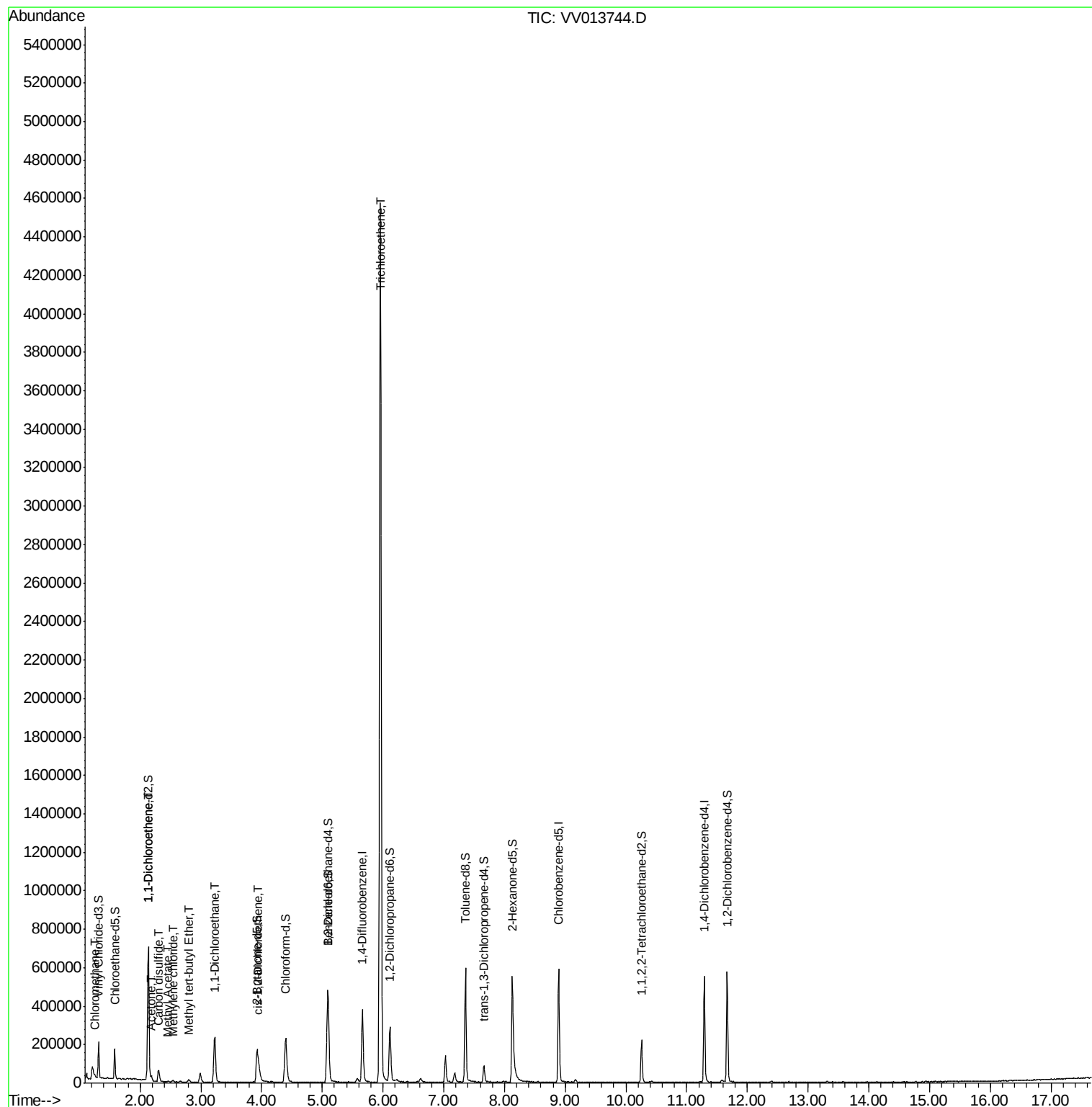
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV112219\
Data File : VV013744.D
Acq On : 22 Nov 2019 19:23
Operator : SY/MD
Sample : K5941-09
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 22 Sample Multiplier: 1

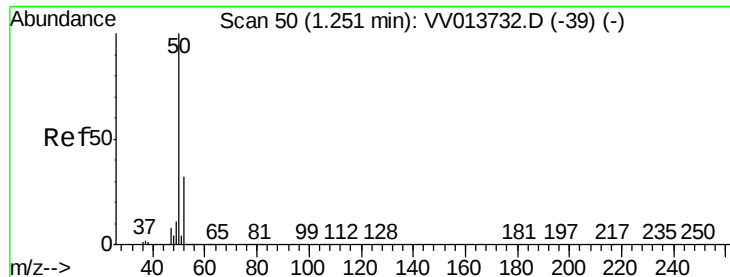
Instrument :
MSVOA_V
ClientSampleId :
B0AC1

Manual Integrations
APPROVED

MMDadoda
11/26/2019 12:53:49 PM

Quant Time: Nov 23 03:16:14 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 23 01:35:18 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.411 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV013744.D

Acq: 22 Nov 2019 19:23

Instrument :

MSVOA_V

ClientSampleId :

B0AC1

Tot Ion: 50 Resp: 7912

Ion Ratio Lower Upper

50 100

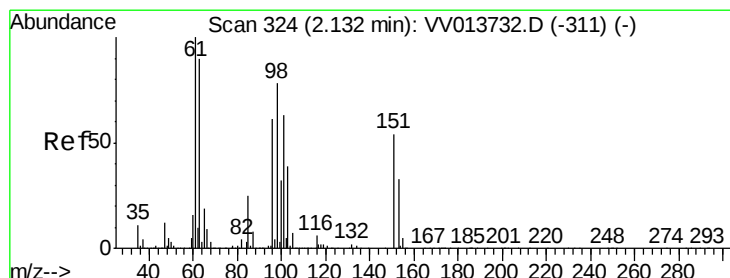
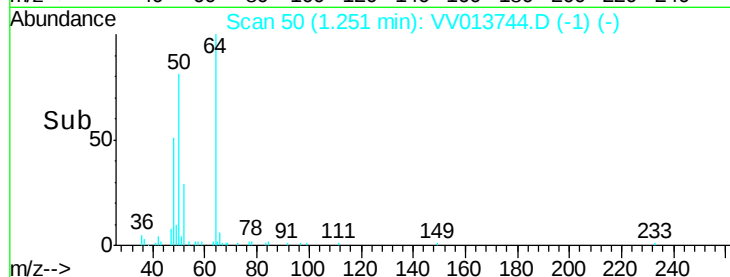
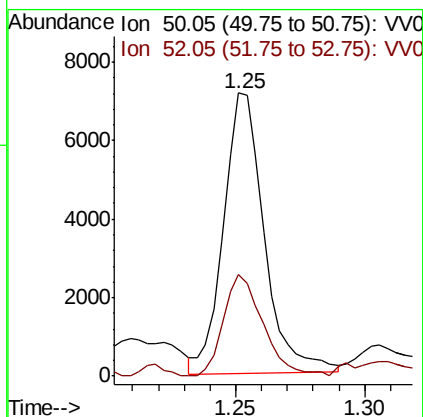
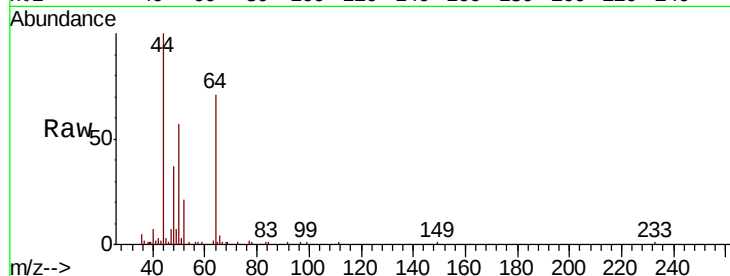
52 35.8 22.5 41.7

Manual Integrations

APPROVED

MMDadoda

11/26/2019 12:53:49 PM



#12

1,1-Dichloroethene

Concen: 9.944 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.01 min

Lab File: VV013744.D

Acq: 22 Nov 2019 19:23

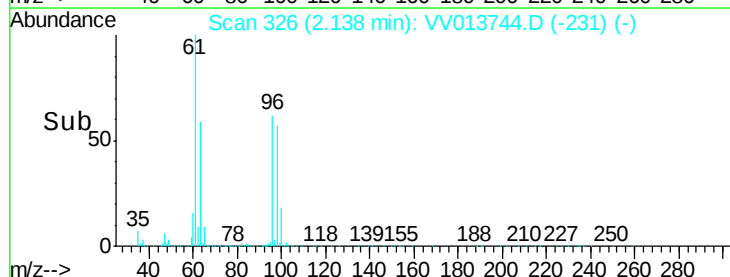
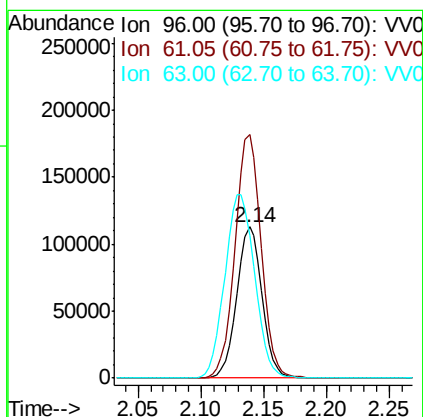
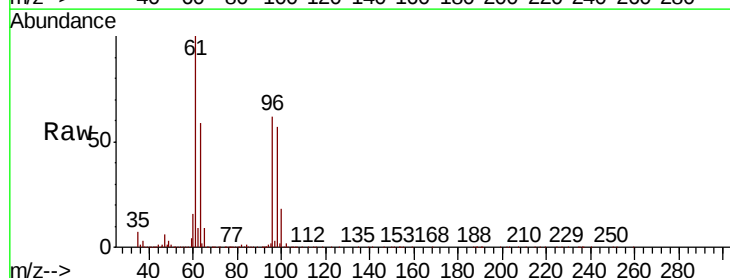
Tgt Ion: 96 Resp: 157232

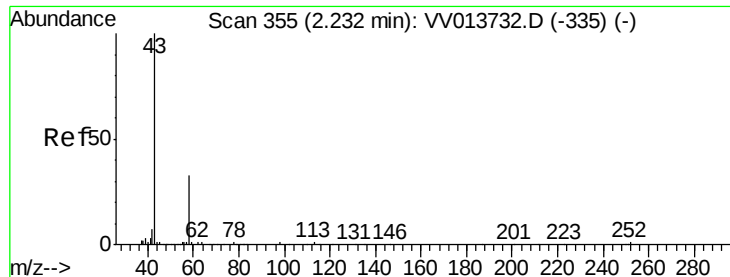
Ion Ratio Lower Upper

96 100

61 161.0 116.3 215.9

63 94.6 96.7 179.7#





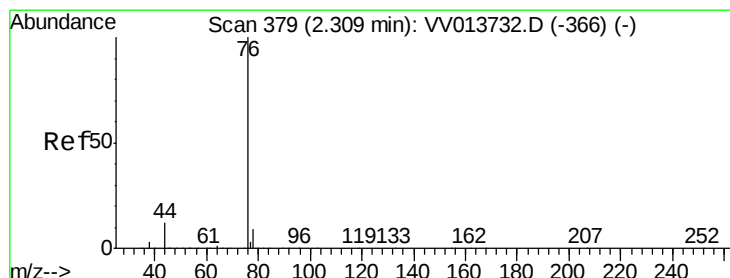
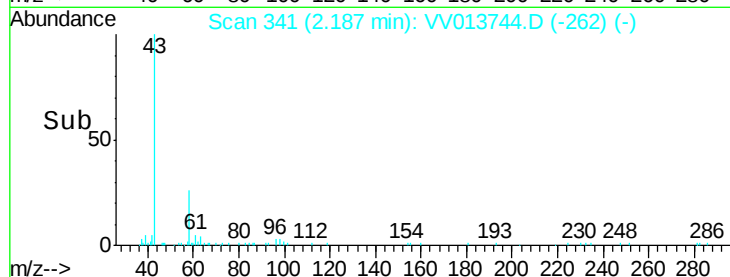
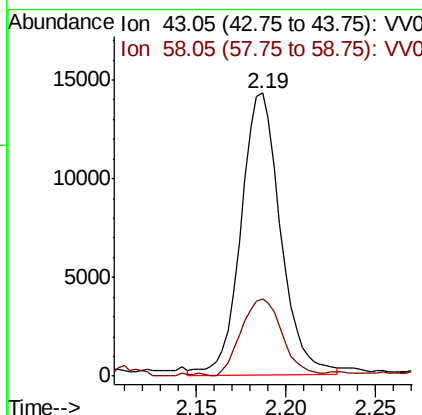
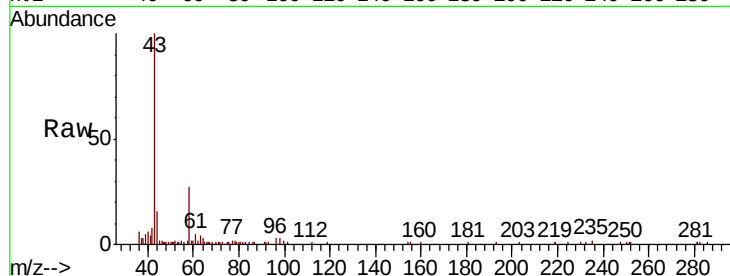
#13
Acetone
Concen: 7.432 ug/L m
RT: 2.19 min Scan# 341
Delta R.T. -0.05 min
Lab File: VV013744.D
Acq: 22 Nov 2019 19:23

Instrument :
MSVOA_V
ClientSampleId :
B0AC1

Tot Ion	Ratio	Lower	Upper
43	100		
58	3.0	0.0	27.2

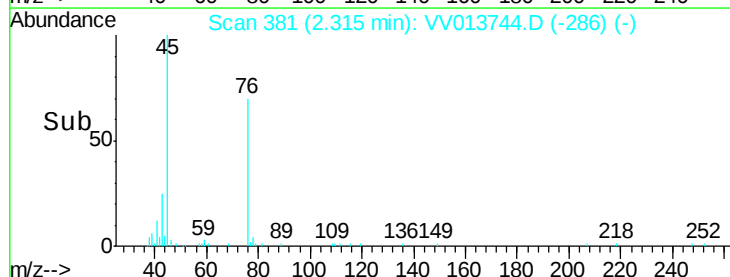
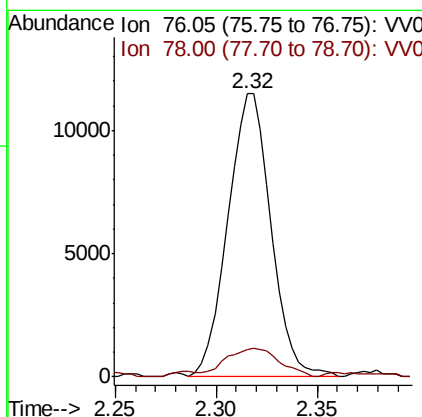
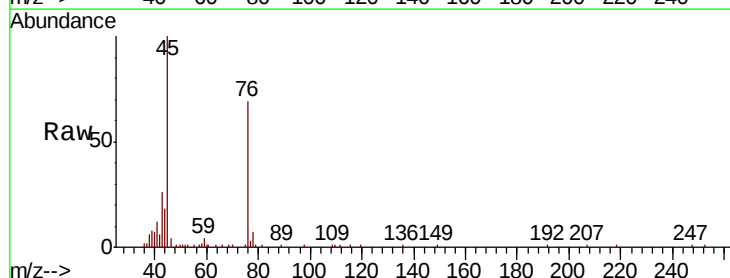
Manual Integrations
APPROVED

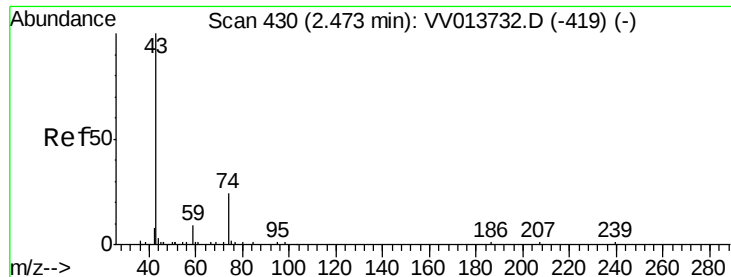
MMDadoda
11/26/2019 12:53:49 PM



#14
Carbon disulfide
Concen: 0.471 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.01 min
Lab File: VV013744.D
Acq: 22 Nov 2019 19:23

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.5	11.3





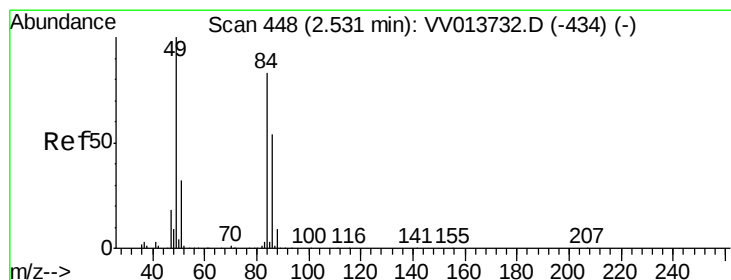
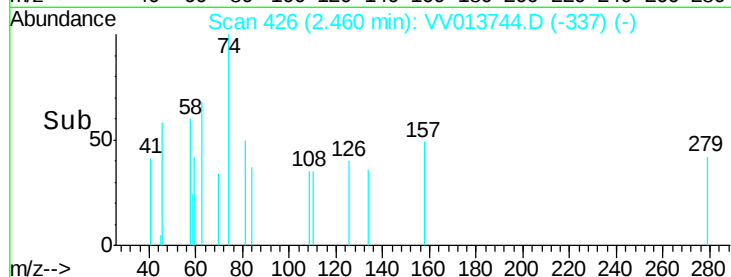
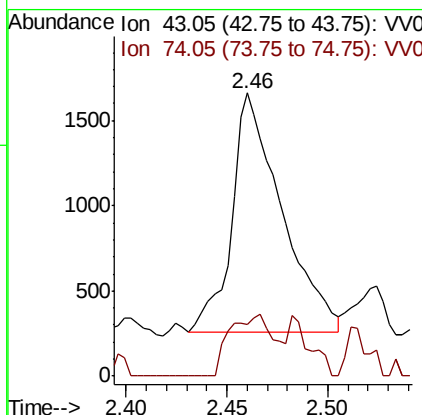
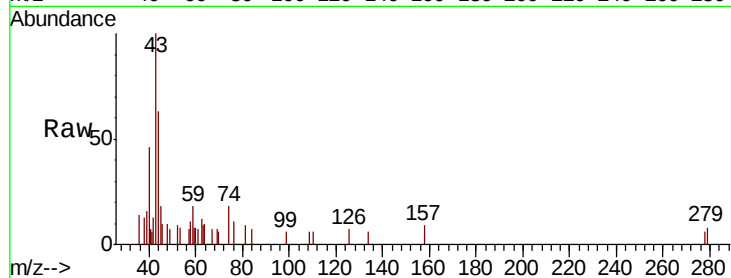
#15
Methvl Acetate
Concen: 0.363 ug/L
RT: 2.46 min Scan# 426
Delta R.T. -0.01 min
Lab File: VV013744.D
Acq: 22 Nov 2019 19:23

Instrument :
MSVOA_V
ClientSampleId :
B0AC1

Tot Ion	43	Resp	2407
Ion Ratio	100	Lower	Upper
74	23.8	20.5	30.7

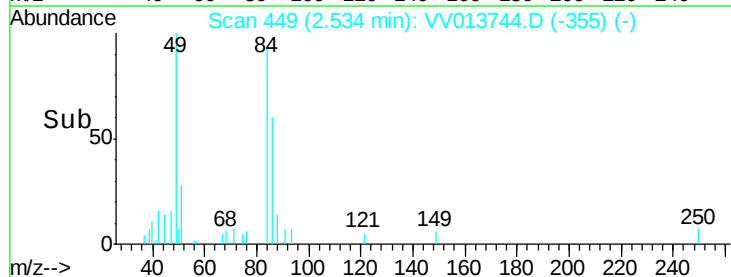
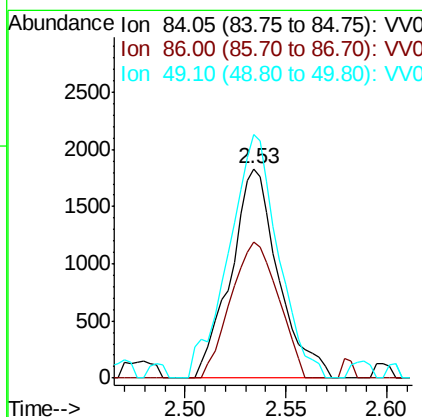
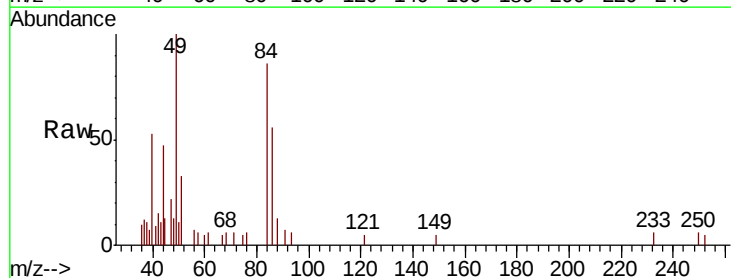
Manual Integrations
APPROVED

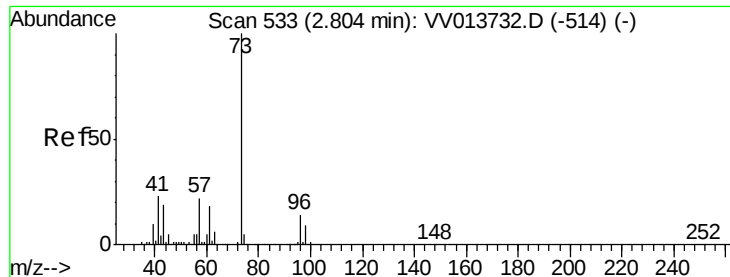
MMDadoda
11/26/2019 12:53:49 PM



#16
Methylene chloride
Concen: 0.140 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV013744.D
Acq: 22 Nov 2019 19:23

Tgt Ion	84	Resp	3023
Ion Ratio	100	Lower	Upper
86	64.8	44.0	81.6
49	116.5	81.5	151.5





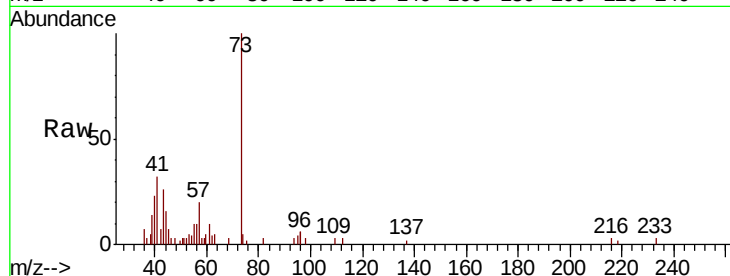
#17
Methvl tert-butvl Ether
Concen: 0.215 ug/L
RT: 2.80 min Scan# 533
Delta R.T. -0.00 min
Lab File: VV013744.D
Acq: 22 Nov 2019 19:23

Instrument :
MSVOA_V
ClientSampleId :
B0AC1

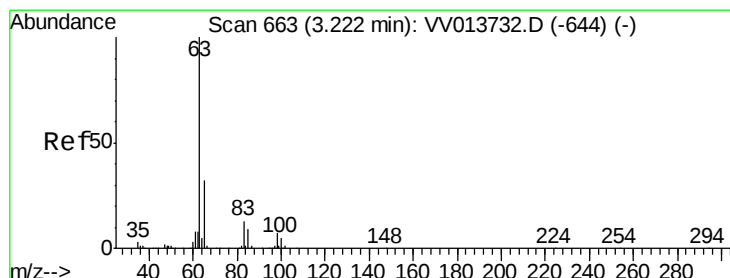
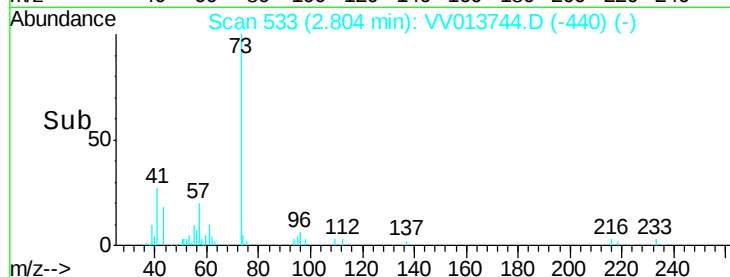
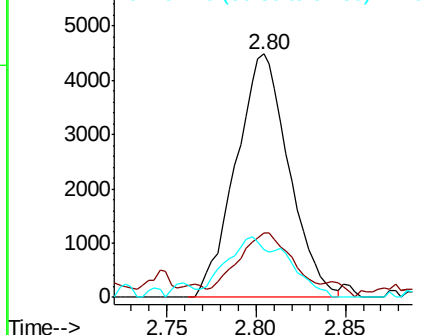
Tot Ion	Ratio	Lower	Upper
73	100		
43	21.9	15.5	23.3
57	15.2	17.5	26.3

Manual Integrations
APPROVED

MMDadoda
11/26/2019 12:53:49 PM

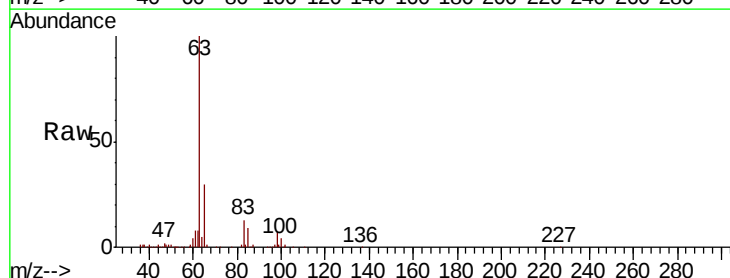


Abundance Ion 73.10 (72.80 to 73.80): VV0
Ion 43.05 (42.75 to 43.75): VV0
Ion 57.10 (56.80 to 57.80): VV0

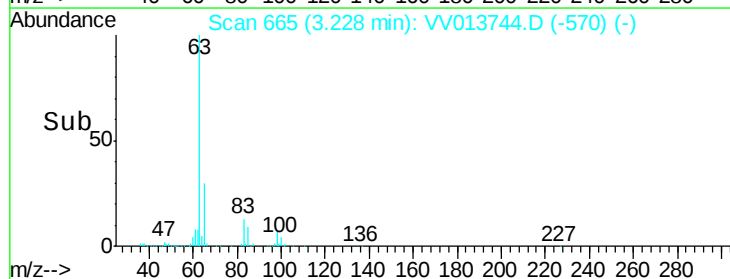
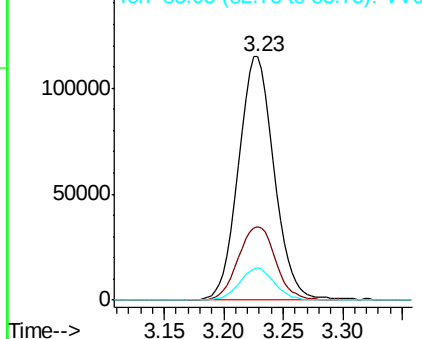


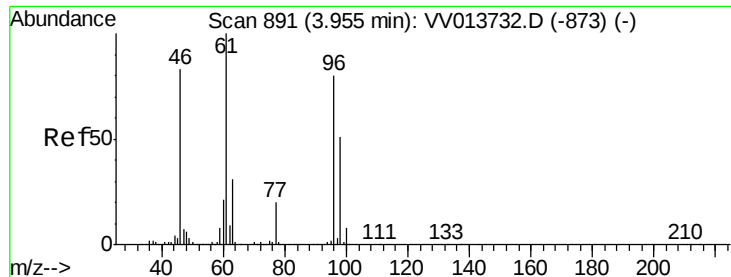
#19
1,1-Dichloroethane
Concen: 6.690 ug/L
RT: 3.23 min Scan# 665
Delta R.T. 0.01 min
Lab File: VV013744.D
Acq: 22 Nov 2019 19:23

Tgt Ion	Ratio	Lower	Upper
63	100		
65	30.0	22.7	42.1
83	13.2	9.2	17.2



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 65.10 (64.80 to 65.80): VV0
Ion 83.05 (82.75 to 83.75): VV0





#22

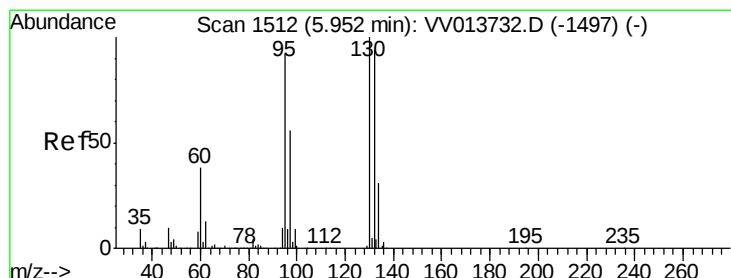
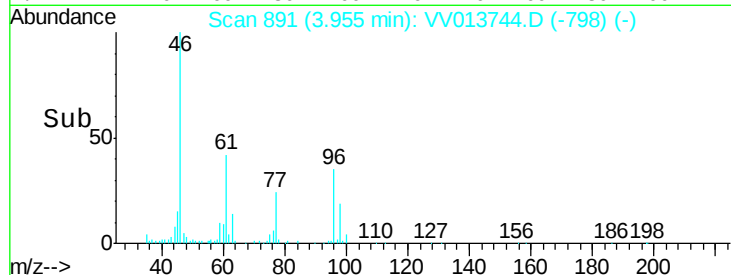
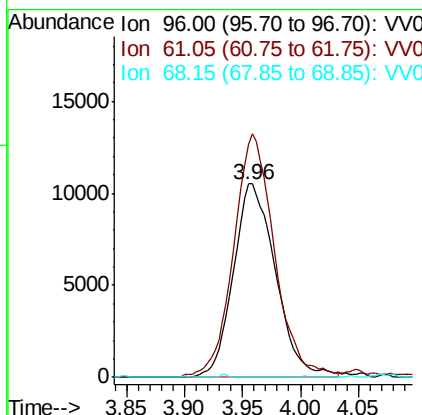
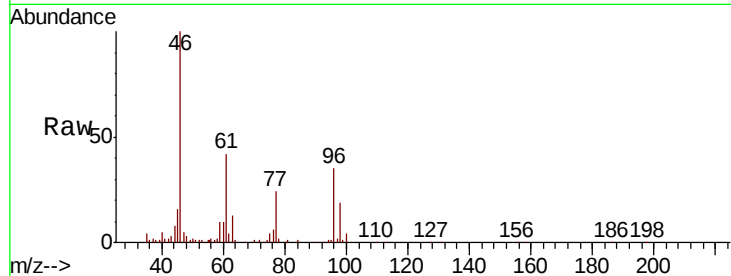
cis-1,2-Dichloroethene
Concen: 1.270 ug/L
RT: 3.96 min Scan# 891
Delta R.T. -0.00 min
Lab File: VV013744.D
Acq: 22 Nov 2019 19:23

Instrument :
MSVOA_V
ClientSampled :
B0AC1

Tot Ion	Ratio	Lower	Upper
96	100		
61	120.5	86.1	159.9
68	0.0	0.0	0.0

Manual Integrations
APPROVED

MMDadoda
11/26/2019 12:53:49 PM



#34

Trichloroethene
Concen: 68.310 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV013744.D
Acq: 22 Nov 2019 19:23

Tgt Ion	Ratio	Lower	Upper
95	100		
97	65.2	45.6	84.8
132	104.8	70.5	130.9
130	108.6	75.9	140.9

