

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV110619\
 Data File : VV013500.D
 Acq On : 06 Nov 2019 16:00
 Operator : SY/MD
 Sample : MDL03
 Misc : 5.0G/5mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

Manual Integrations
 APPROVED

MMDadoda
 11/7/2019 10:49:42 AM

Quant Time: Nov 07 03:06:15 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110619WMA.M

Quant Title : VOC Analysis

QLast Update : Thu Nov 07 01:53:11 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	886618	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	849856	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	391047	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	254229	48.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.94%
7) Chloroethane-d5	1.58	69	210262	49.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.50%
11) 1,1-Dichloroethene-d2	2.13	63	339436	37.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.76%
21) 2-Butanone-d5	3.92	46	450341	117.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.31%
24) Chloroform-d	4.40	84	552144	48.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.98%
26) 1,2-Dichloroethane-d4	5.08	65	380709	51.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.52%
32) Benzene-d6	5.10	84	1164751	51.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.78%
36) 1,2-Dichloropropane-d6	6.11	67	381412	51.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.74%
41) Toluene-d8	7.36	98	1042996	50.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.02%
43) trans-1,3-Dichloropropene-	7.66	79	168743	49.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.88%
47) 2-Hexanone-d5	8.13	63	275635	103.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.34%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	457536	49.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.06%
64) 1,2-Dichlorobenzene-d4	11.67	152	422747	54.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.46%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	16554	2.243 ug/L	99
3) Chloromethane	1.25	50	17884	2.551 ug/L	94
5) Vinyl chloride	1.32	62	17387m	2.655 ug/L	
6) Bromomethane	1.53	94	7981m	2.540 ug/L	
8) Chloroethane	1.60	64	10142	2.764 ug/L	99
9) Trichlorofluoromethane	1.77	101	21715	2.498 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	14508	2.963 ug/L	85
12) 1,1-Dichloroethene	2.14	96	14965m	3.202 ug/L	
13) Acetone	2.19	43	18189	5.077 ug/L	97
14) Carbon disulfide	2.32	76	40342	2.466 ug/L	99
15) Methyl Acetate	2.46	43	16923	2.589 ug/L	97
16) Methylene chloride	2.54	84	16856	2.665 ug/L	97
17) trans-1,2-Dichloroethene	2.79	96	14119	2.426 ug/L	98
18) Methyl tert-butyl Ether	2.80	73	40016	2.255 ug/L	99
19) 1,1-Dichloroethane	3.23	63	25735	2.319 ug/L	96
20) cis-1,2-Dichloroethene	3.96	96	15596m	2.454 ug/L	
22) 2-Butanone	4.02	43	20657m	4.353 ug/L	

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV110619\
 Data File : VV013500.D
 Acq On : 06 Nov 2019 16:00
 Operator : SY/MD
 Sample : MDL03
 Misc : 5.0G/5mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

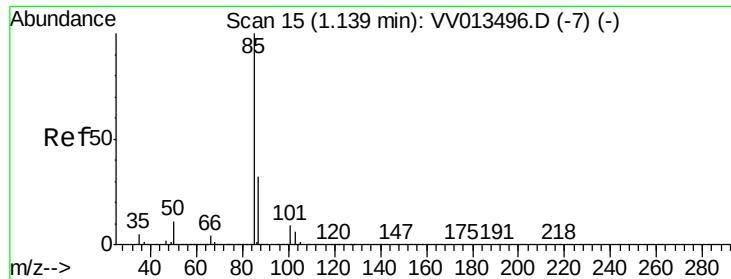
Manual Integrations
 APPROVED

MMDadoda
 11/7/2019 10:49:42 AM

Quant Time: Nov 07 03:06:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 07 01:53:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	8118	2.417	ug/L	94
25) Chloroform	4.42	83	46910	4.108	ug/L	97
27) 1,2-Dichloroethane	5.18	62	20850	2.383	ug/L #	94
29) Cyclohexane	4.73	56	21610	2.213	ug/L #	91
30) 1,1,1-Trichloroethane	4.65	97	21279	2.250	ug/L	95
31) Carbon tetrachloride	4.87	117	19350m	2.294	ug/L	
33) Benzene	5.15	78	54407	2.255	ug/L	100
34) Trichloroethene	5.96	95	15850	2.472	ug/L	95
35) Methylcyclohexane	6.17	83	22437	2.270	ug/L	98
37) 1,2-Dichloropropane	6.22	63	14162	2.230	ug/L #	97
38) Bromodichloromethane	6.56	83	19560	2.342	ug/L	92
39) cis-1,3-Dichloropropene	7.07	75	21961m	2.276	ug/L	
40) 4-Methyl-2-pentanone	7.27	43	35953	4.391	ug/L	96
42) Toluene	7.43	91	60484	2.405	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	20404m	2.430	ug/L	
45) 1,1,2-Trichloroethane	7.88	97	14434	2.427	ug/L	97
46) Tetrachloroethene	8.02	164	12973	2.370	ug/L	97
48) 2-Hexanone	8.18	43	46366	7.171	ug/L	97
49) Dibromochloromethane	8.29	129	15509	2.268	ug/L	100
50) 1,2-Dibromoethane	8.40	107	15146	2.427	ug/L	97
51) Chlorobenzene	8.92	112	38159	2.283	ug/L	95
52) Ethylbenzene	9.05	91	56018	2.053	ug/L	100
53) m,p-Xylene	9.18	106	21541	2.080	ug/L	97
54) o-xylene	9.59	106	19362	1.949	ug/L	94
55) Styrene	9.60	104	32235	1.877	ug/L	95
56) Isopropylbenzene	9.97	105	49917	1.914	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	21768	2.424	ug/L #	92
59) 1,2,3-Trichloropropane	10.31	75	18350	2.454	ug/L	97
61) Bromoform	9.77	173	11064	2.413	ug/L	96
62) 1,3-Dichlorobenzene	11.23	146	29046	2.451	ug/L	95
63) 1,4-Dichlorobenzene	11.32	146	31494	2.566	ug/L	94
65) 1,2-Dichlorobenzene	11.68	146	30977	2.610	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.47	75	3900	2.382	ug/L #	78
67) 1,3,5-Trichlorobenzene	12.69	180	22371	2.416	ug/L	96
68) 1,2,4-trichlorobenzene	13.31	180	19702m	2.429	ug/L	
69) Naphthalene	13.55	128	48210m	2.224	ug/L	
70) 1,2,3-Trichlorobenzene	13.79	180	20063m	2.329	ug/L	

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



#2

Dichlorodifluoromethane

Concen: 2.243 ug/L

RT: 1.14 min Scan# 15

Delta R.T. -0.00 min

Lab File: VV013500.D

Acq: 06 Nov 2019 16:00

Instrument :

MSVOA_V

ClientSampleId :

MDL03

Tgt Ion: 85 Resp: 16554

Ion Ratio Lower Upper

85 100

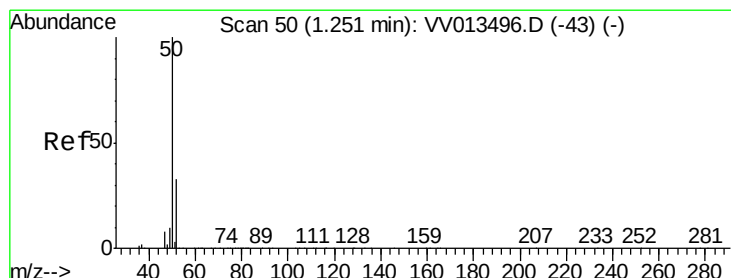
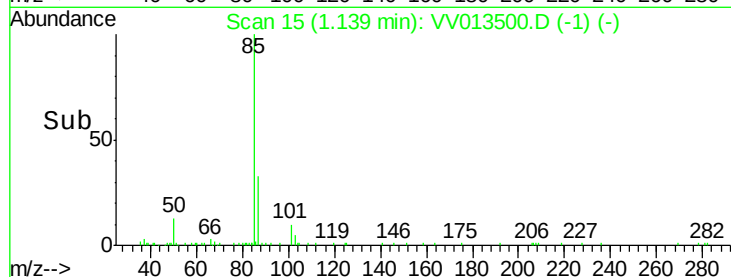
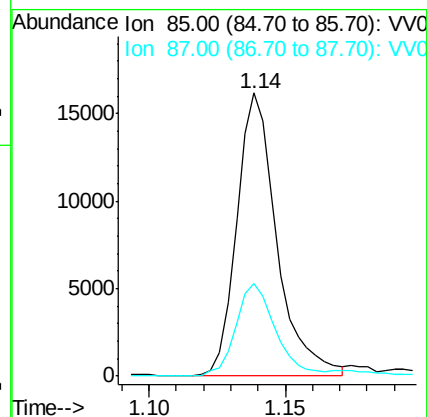
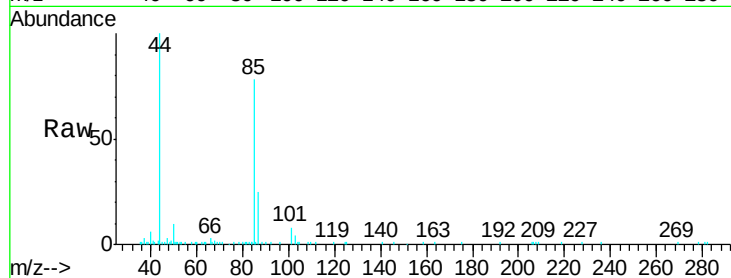
87 32.4 25.4 38.0

Manual Integrations

APPROVED

MMDadoda

11/7/2019 10:49:42 AM



#3

Chloromethane

Concen: 2.551 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV013500.D

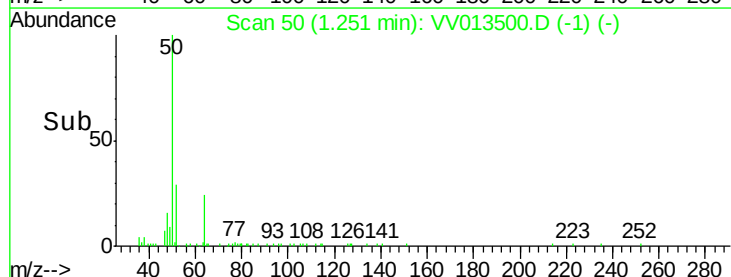
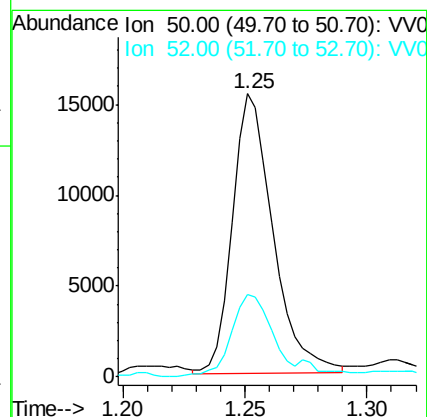
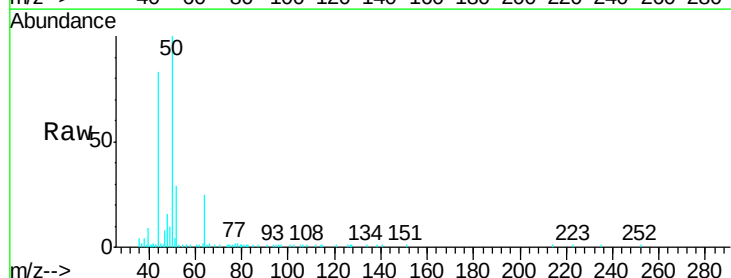
Acq: 06 Nov 2019 16:00

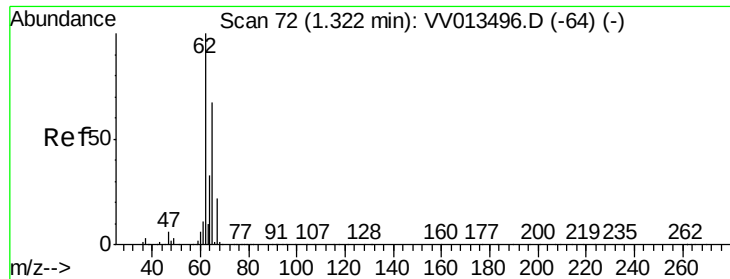
Tgt Ion: 50 Resp: 17884

Ion Ratio Lower Upper

50 100

52 29.1 22.5 41.9





#5

Vinyl chloride

Concen: 2.655 ug/L m

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV013500.D

Acq: 06 Nov 2019 16:00

Instrument :

MSVOA_V

ClientSampleId :

MDL03

Tgt Ion: 62 Resp: 17387

Ion Ratio Lower Upper

62 100

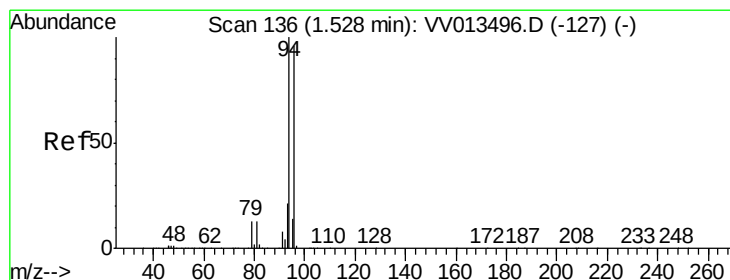
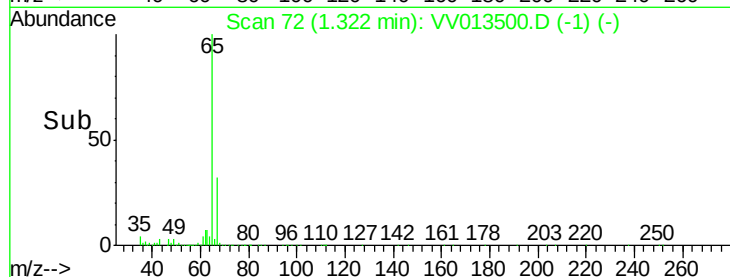
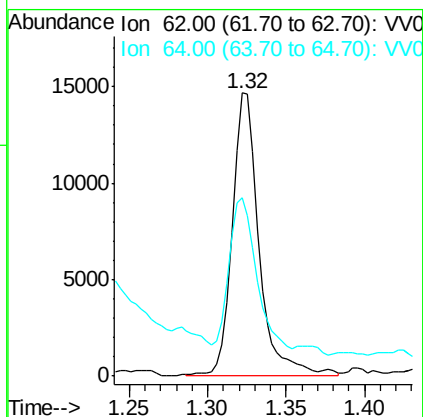
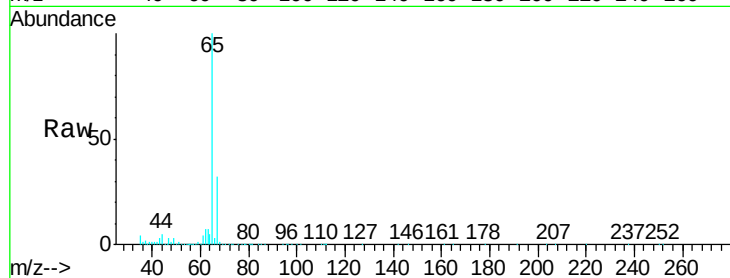
64 63.0 23.1 42.9#

Manual Integrations

APPROVED

MMDadoda

11/7/2019 10:49:42 AM



#6

Bromomethane

Concen: 2.540 ug/L m

RT: 1.53 min Scan# 138

Delta R.T. 0.00 min

Lab File: VV013500.D

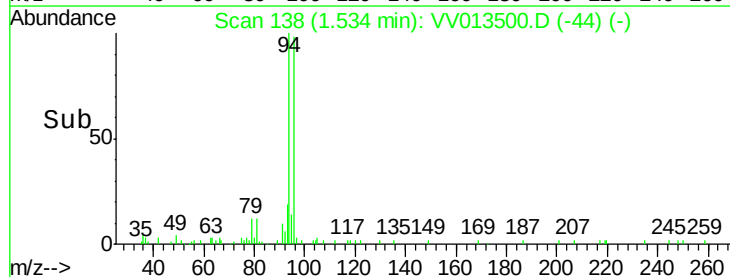
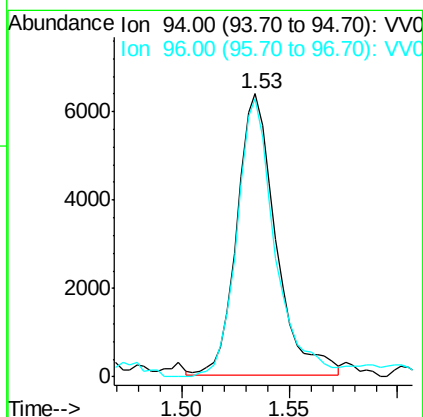
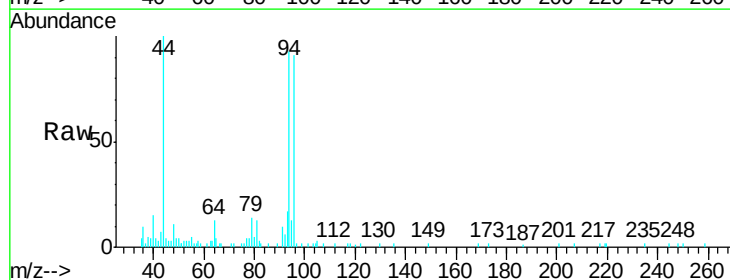
Acq: 06 Nov 2019 16:00

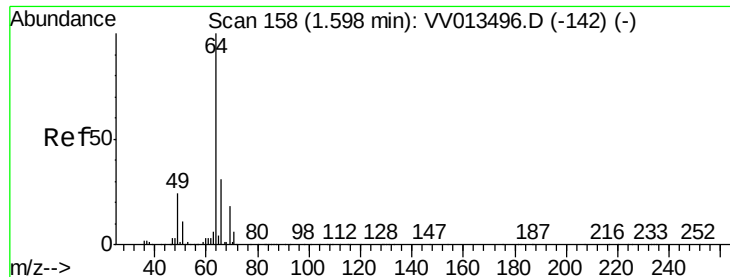
Tgt Ion: 94 Resp: 7981

Ion Ratio Lower Upper

94 100

96 98.2 67.4 125.2





#8

Chloroethane

Concen: 2.764 ug/L

RT: 1.60 min Scan# 158

Delta R.T. -0.00 min

Lab File: VV013500.D

Acq: 06 Nov 2019 16:00

Instrument :

MSVOA_V

ClientSampleId :

MDL03

Tgt Ion: 64 Resp: 10142

Ion Ratio Lower Upper

64 100

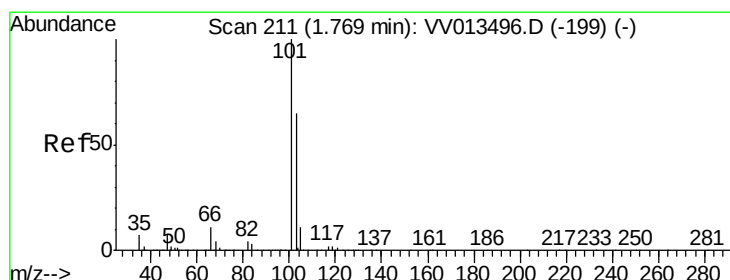
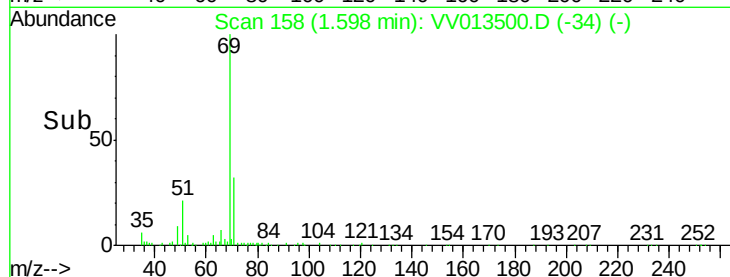
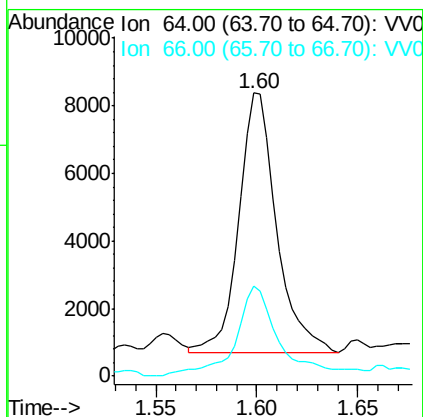
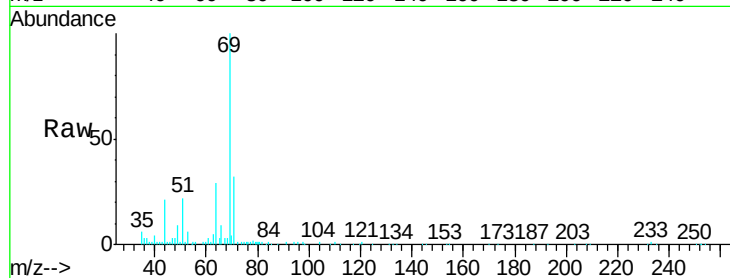
66 31.8 22.5 41.9

Manual Integrations

APPROVED

MMDadoda

11/7/2019 10:49:42 AM



#9

Trichlorofluoromethane

Concen: 2.498 ug/L

RT: 1.77 min Scan# 212

Delta R.T. 0.00 min

Lab File: VV013500.D

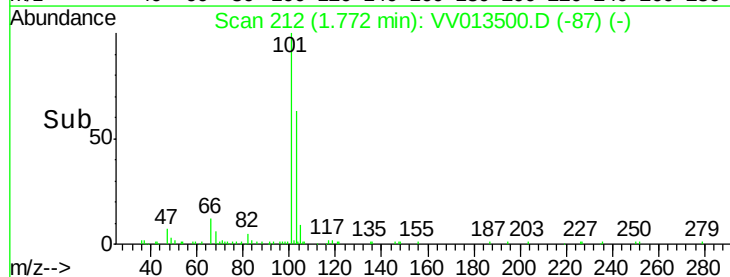
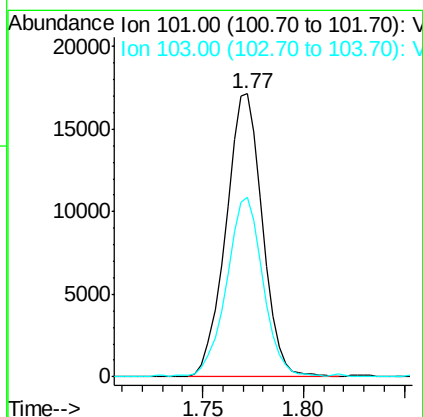
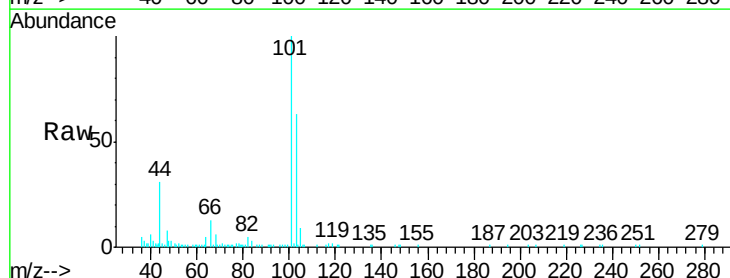
Acq: 06 Nov 2019 16:00

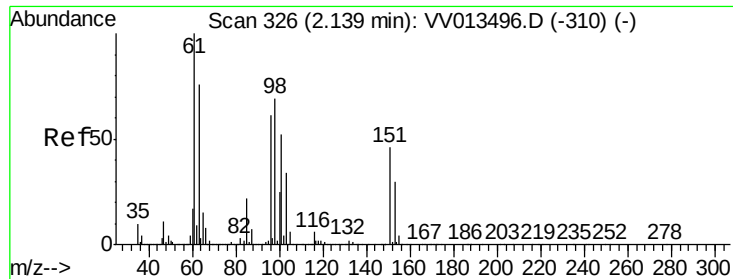
Tgt Ion: 101 Resp: 21715

Ion Ratio Lower Upper

101 100

103 63.6 52.5 78.7





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.963 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VV013500.D

Acq: 06 Nov 2019 16:00

Instrument :

MSVOA_V

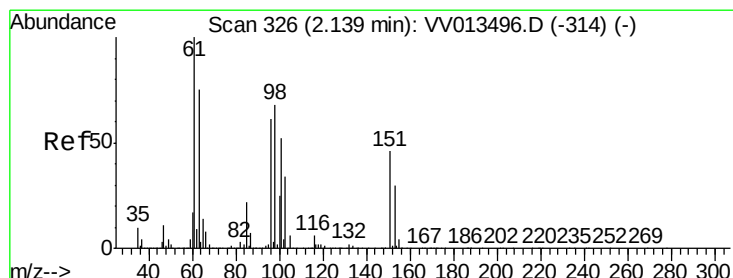
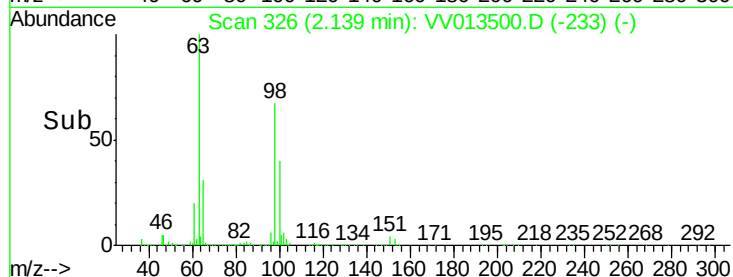
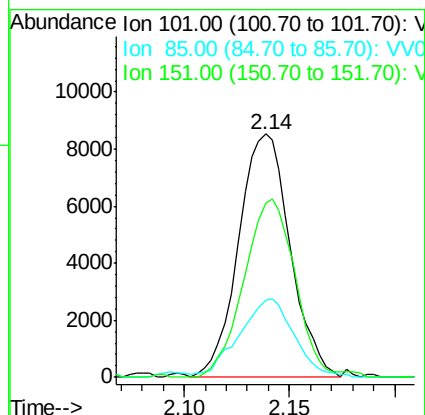
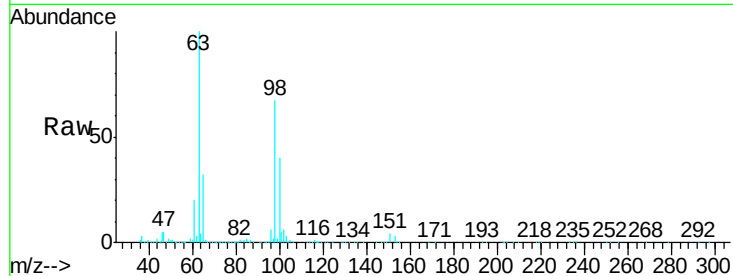
ClientSampled :

MDL03

Tgt Ion:	101	Resp:	14508
Ion Ratio	Lower	Upper	
101	100		
85	34.4	33.3	49.9
151	72.1	69.5	104.3

Manual Integrations
APPROVED

MMDadoda
11/7/2019 10:49:42 AM



#12

1,1-Dichloroethene

Concen: 3.202 ug/L m

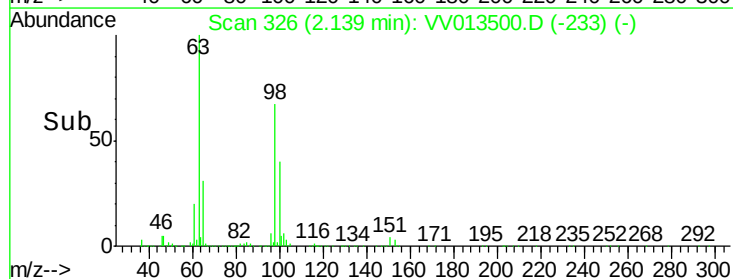
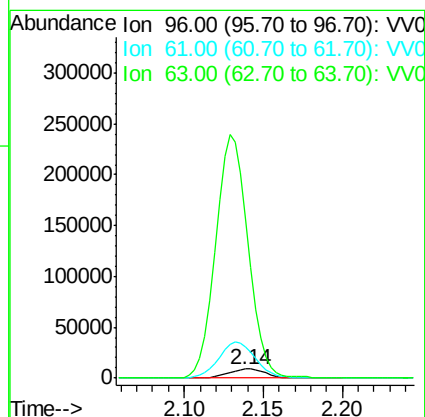
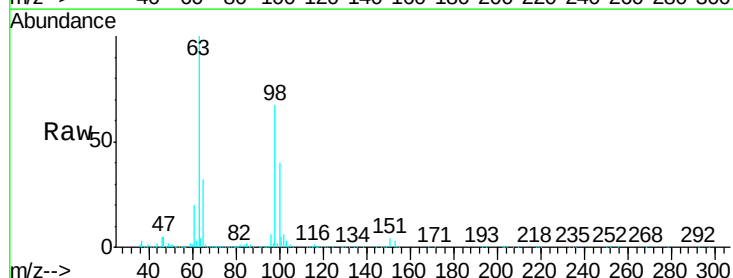
RT: 2.14 min Scan# 326

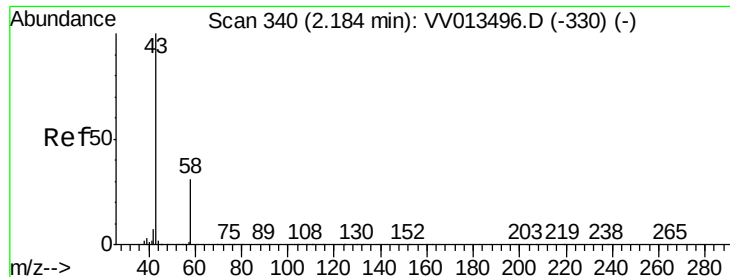
Delta R.T. -0.00 min

Lab File: VV013500.D

Acq: 06 Nov 2019 16:00

Tgt Ion:	96	Resp:	14965
Ion Ratio	Lower	Upper	
96	100		
61	348.6	116.9	217.1#
63	1760.4	91.5	169.9#





#13

Acetone

Concen: 5.077 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV013500.D

Acq: 06 Nov 2019 16:00

Instrument :

MSVOA_V

ClientSampled :

MDL03

Tgt Ion: 43 Resp: 18189

Ion Ratio Lower Upper

43 100

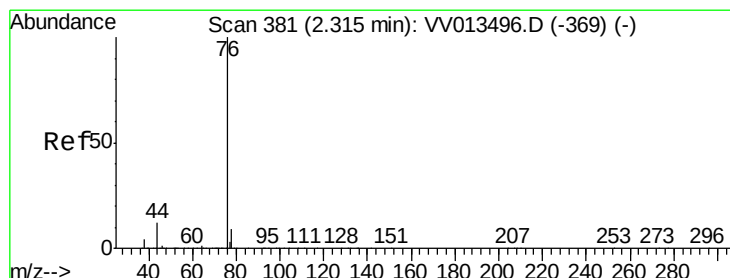
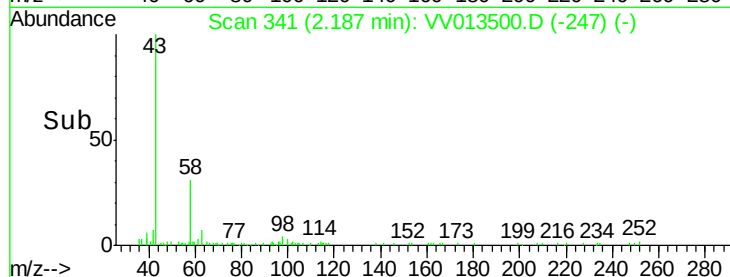
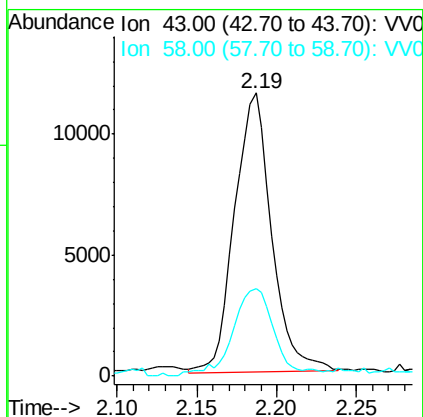
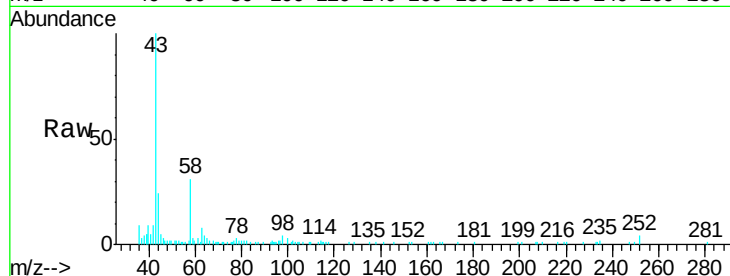
58 31.2 0.0 65.2

Manual Integrations

APPROVED

MMDadoda

11/7/2019 10:49:42 AM



#14

Carbon disulfide

Concen: 2.466 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VV013500.D

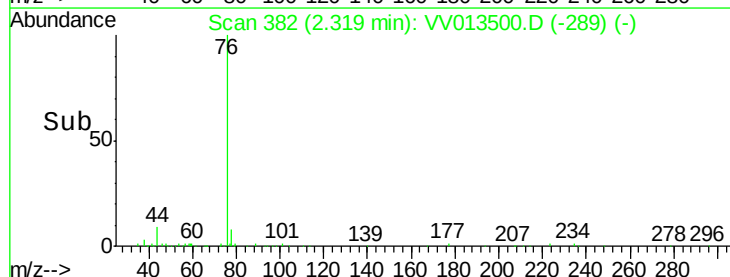
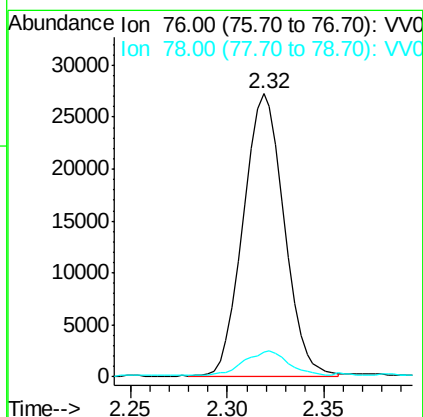
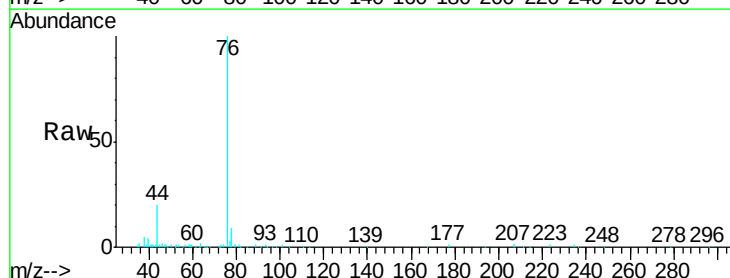
Acq: 06 Nov 2019 16:00

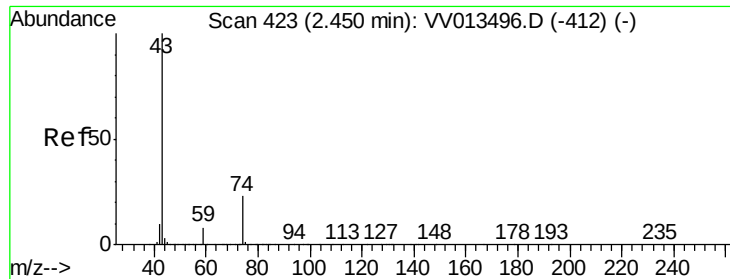
Tgt Ion: 76 Resp: 40342

Ion Ratio Lower Upper

76 100

78 8.6 7.3 10.9





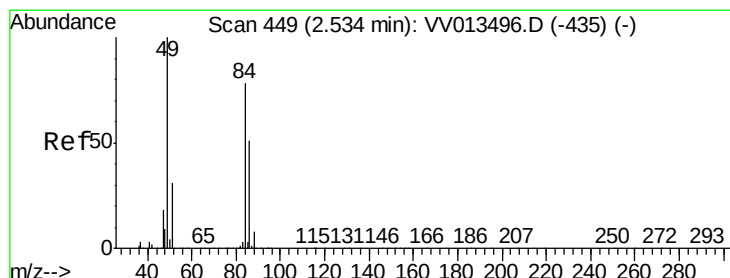
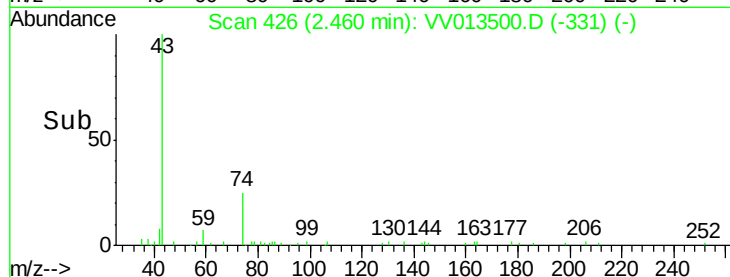
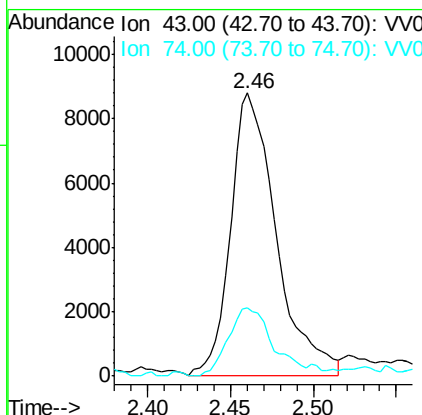
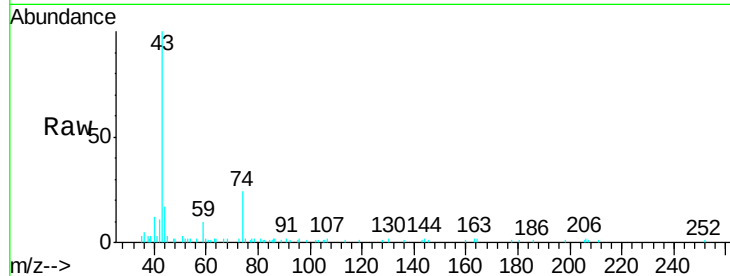
#15
Methyl Acetate
Concen: 2.589 ug/L
RT: 2.46 min Scan# 426
Delta R.T. 0.01 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Instrument :
MSVOA_V
ClientSampled :
MDL03

Tgt Ion: 43 Resp: 16923
Ion Ratio Lower Upper
43 100
74 20.6 17.7 26.5

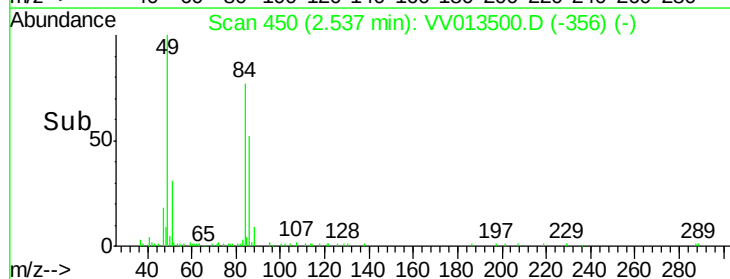
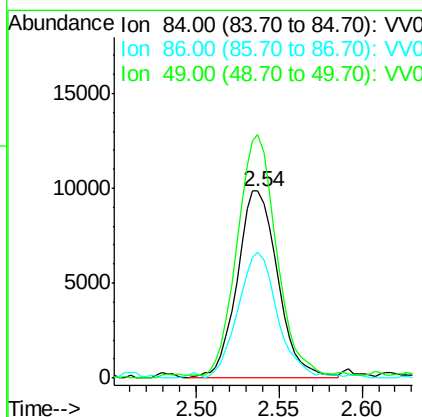
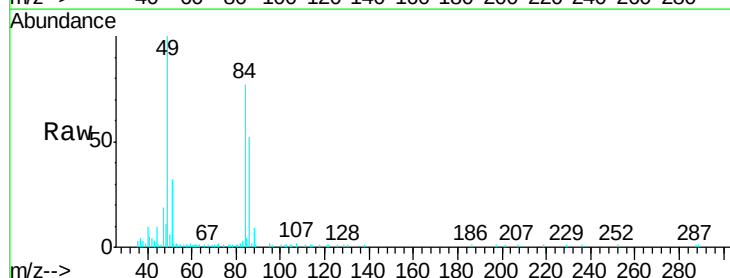
Manual Integrations
APPROVED

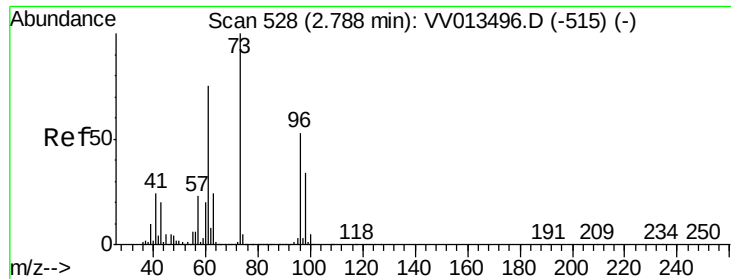
MMDadoda
11/7/2019 10:49:42 AM



#16
Methylene chloride
Concen: 2.665 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Tgt Ion: 84 Resp: 16856
Ion Ratio Lower Upper
84 100
86 67.1 44.7 83.1
49 130.3 89.2 165.8





#17

trans-1,2-Dichloroethene

Concen: 2.426 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.00 min

Lab File: VV013500.D

Acq: 06 Nov 2019 16:00

Instrument :

MSVOA_V

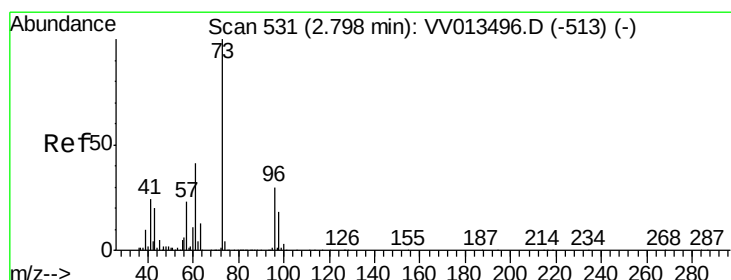
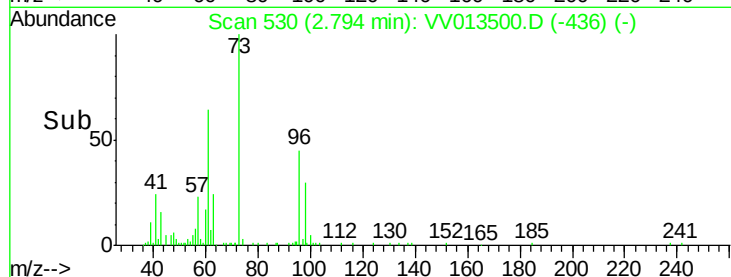
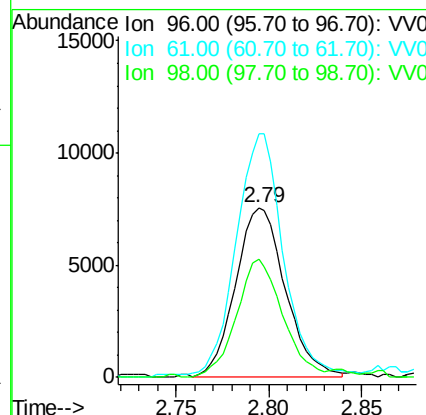
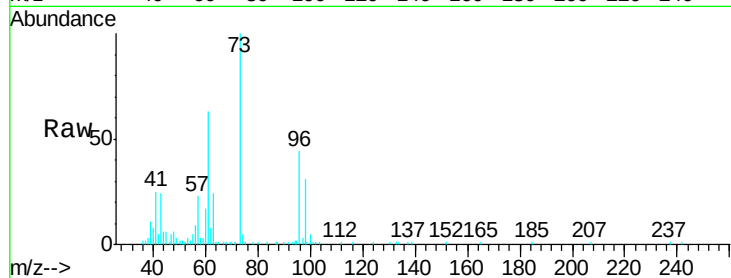
ClientSampled :

MDL03

Tgt Ion:	96	Resp:	14119
Ion	Ratio	Lower	Upper
96	100		
61	143.4	100.4	186.6
98	69.4	44.7	83.1

Manual Integrations
APPROVED

MMDadoda
11/7/2019 10:49:42 AM



#18

Methyl tert-butyl Ether

Concen: 2.255 ug/L

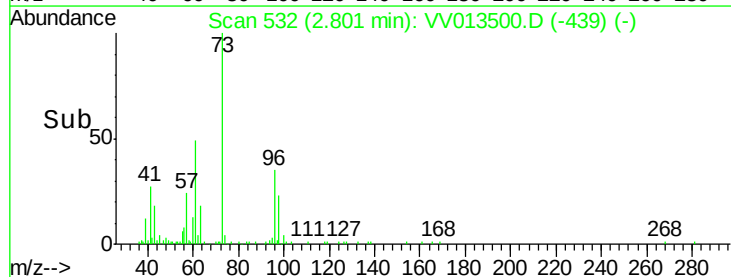
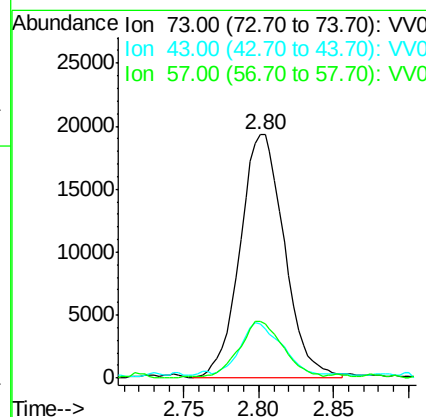
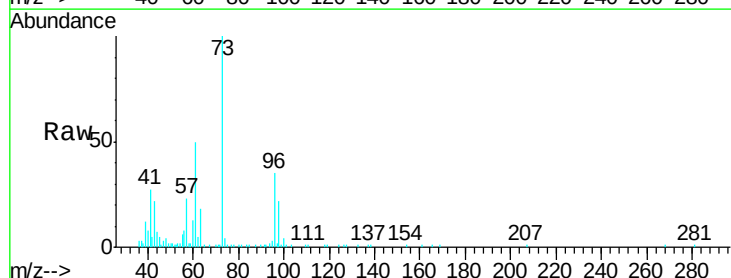
RT: 2.80 min Scan# 532

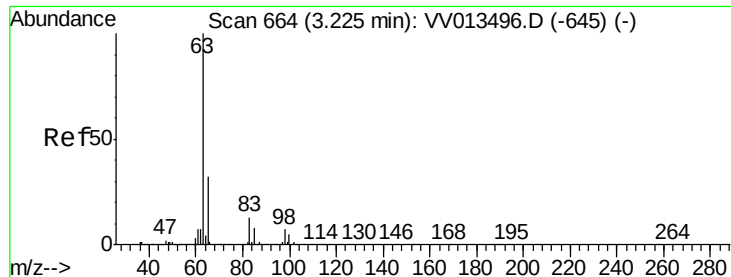
Delta R.T. -0.00 min

Lab File: VV013500.D

Acq: 06 Nov 2019 16:00

Tgt Ion:	73	Resp:	40016
Ion	Ratio	Lower	Upper
73	100		
43	19.1	15.7	23.5
57	22.6	18.1	27.1





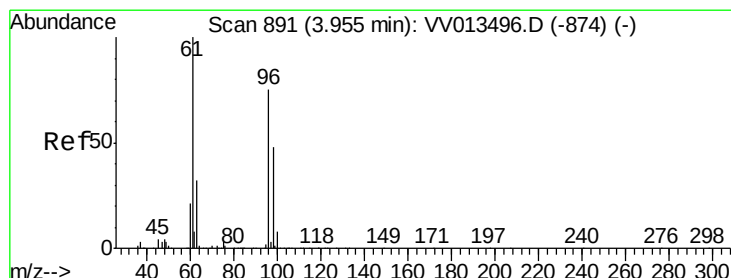
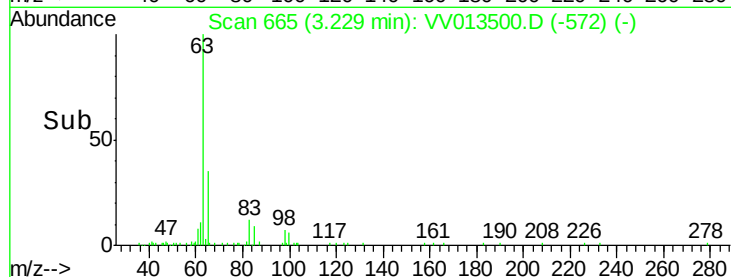
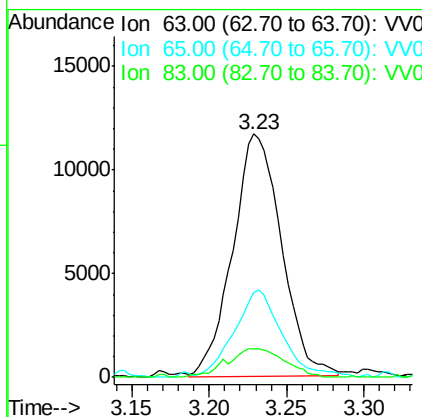
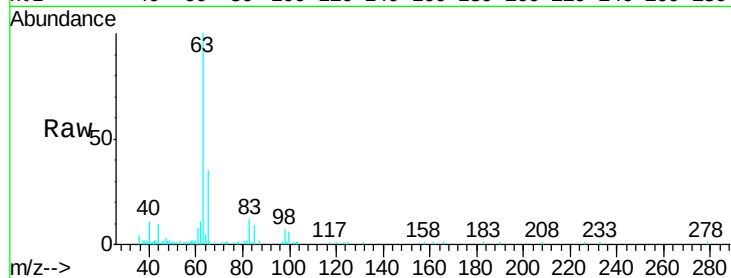
#19
1,1-Dichloroethane
Concen: 2.319 ug/L
RT: 3.23 min Scan# 665
Delta R.T. -0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion	Ratio	Lower	Upper
63	100		
65	34.8	22.2	41.2
83	12.0	8.9	16.5

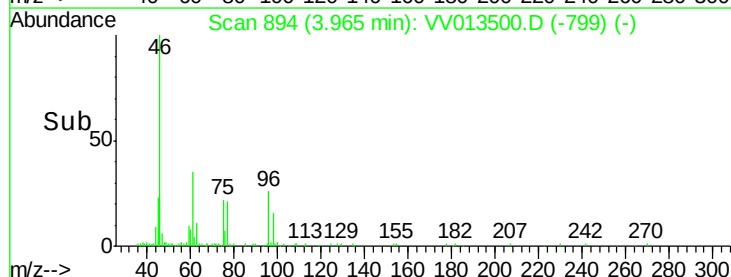
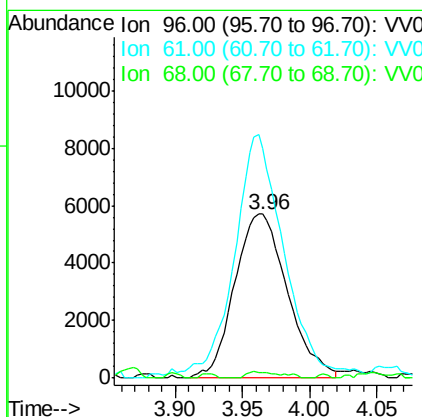
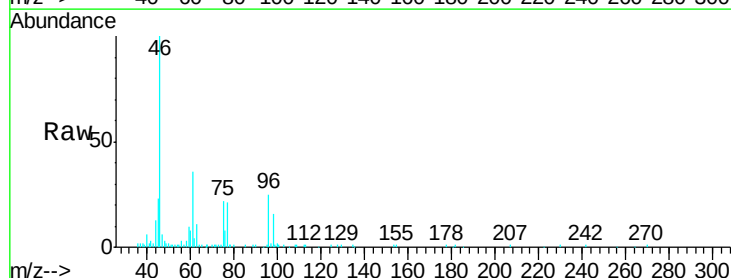
Manual Integrations
APPROVED

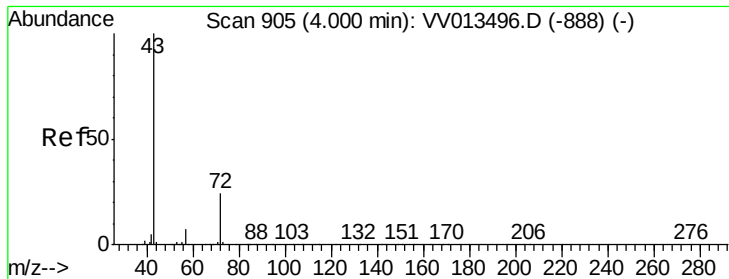
MMDadoda
11/7/2019 10:49:42 AM



#20
cis-1,2-Dichloroethene
Concen: 2.454 ug/L m
RT: 3.96 min Scan# 894
Delta R.T. 0.01 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
96	100		
61	140.3	92.1	171.1
68	3.4	0.0	0.0#





#22

2-Butanone

Concen: 4.353 ug/L m

RT: 4.02 min Scan# 912

Delta R.T. 0.02 min

Lab File: VV013500.D

Acq: 06 Nov 2019 16:00

Instrument :

MSVOA_V

ClientSampleId :

MDL03

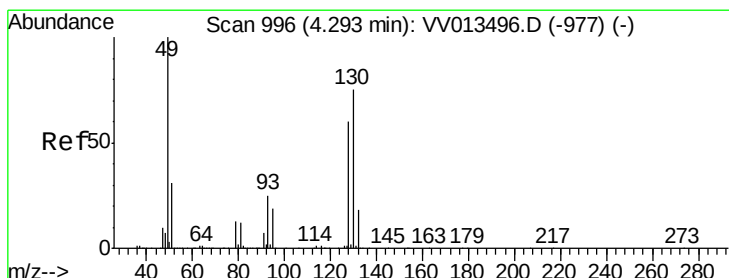
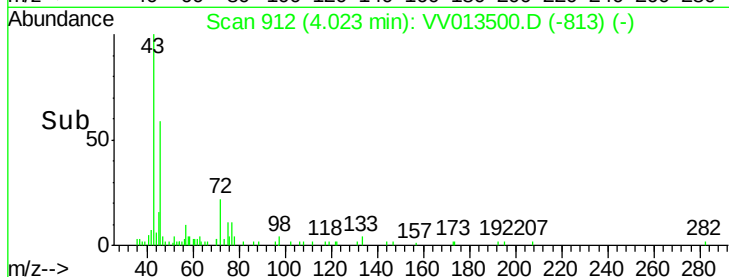
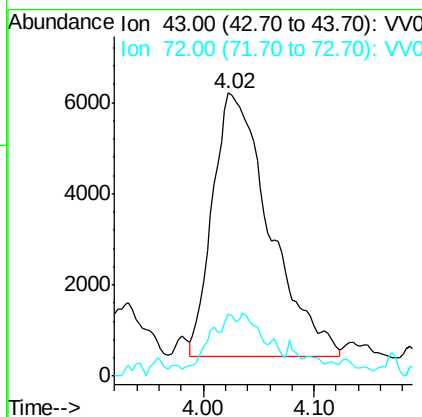
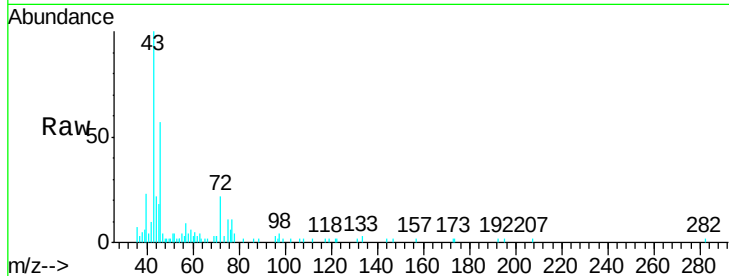
Tgt Ion: 43 Resp: 20657
Ion Ratio Lower Upper

43 100

72 0.4 12.3 36.9#

Manual Integrations
APPROVED

MMDadoda
11/7/2019 10:49:42 AM



#23

Bromochloromethane

Concen: 2.417 ug/L

RT: 4.30 min Scan# 999

Delta R.T. 0.01 min

Lab File: VV013500.D

Acq: 06 Nov 2019 16:00

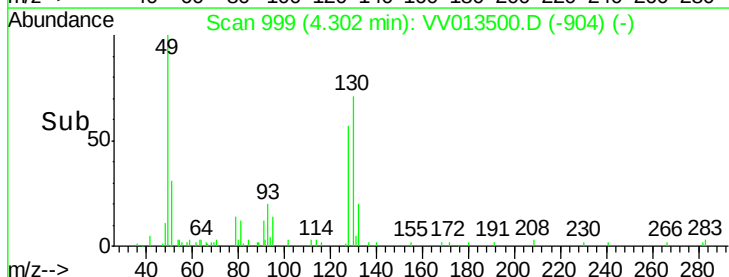
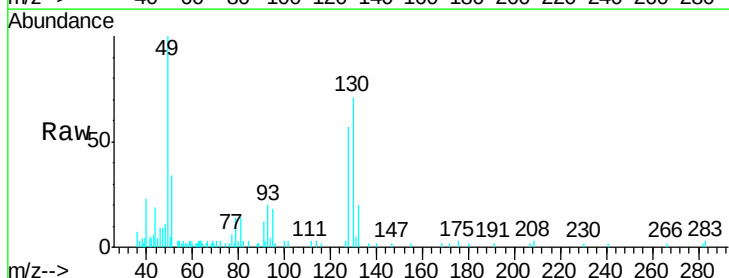
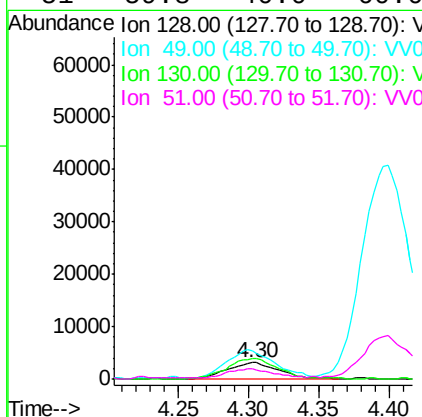
Tgt Ion: 128 Resp: 8118
Ion Ratio Lower Upper

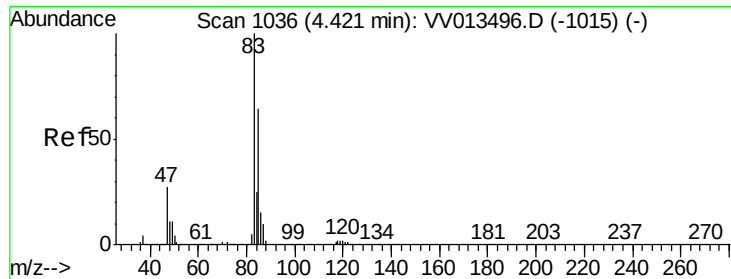
128 100

49 174.4 115.8 215.2

130 124.0 89.1 165.5

51 59.8 40.0 60.0





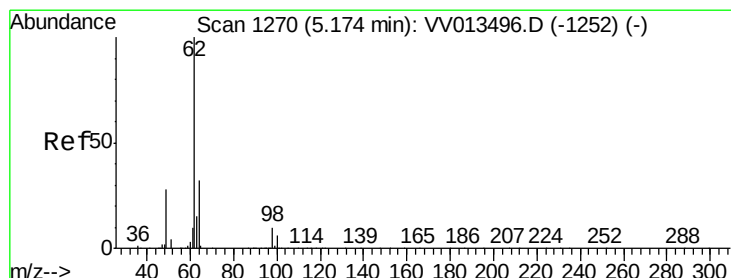
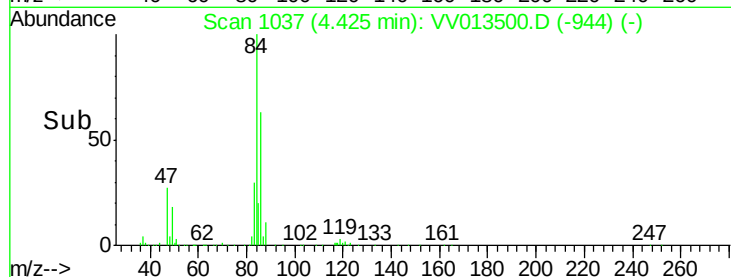
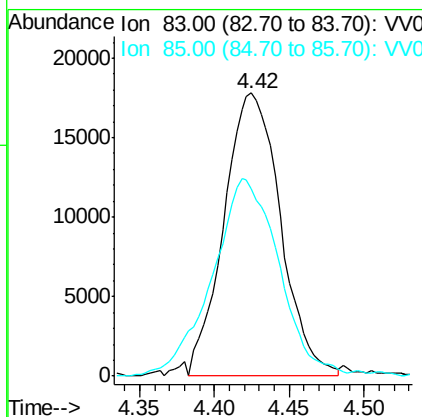
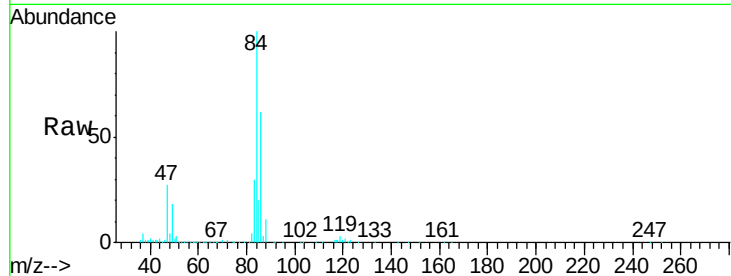
#25
Chloroform
Concen: 4.108 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	44.4	82.5

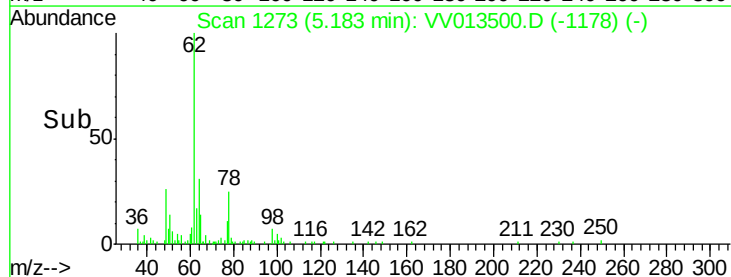
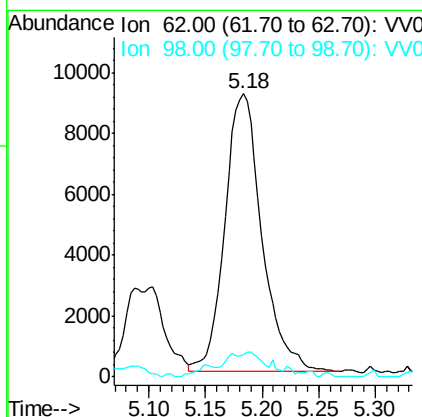
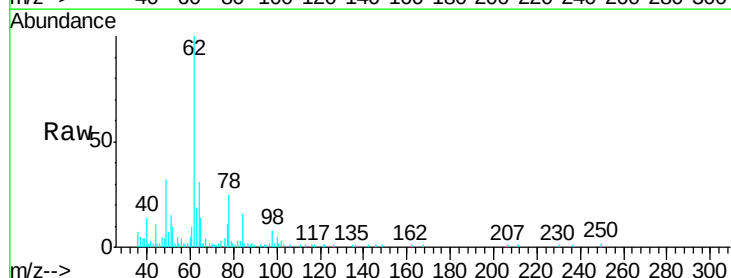
Manual Integrations
APPROVED

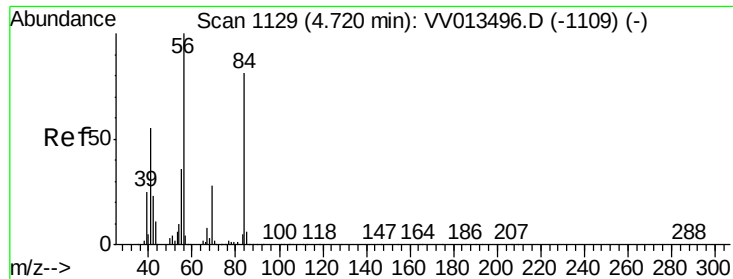
MMDadoda
11/7/2019 10:49:42 AM



#27
1,2-Dichloroethane
Concen: 2.383 ug/L
RT: 5.18 min Scan# 1273
Delta R.T. 0.01 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.1	8.2	12.4#





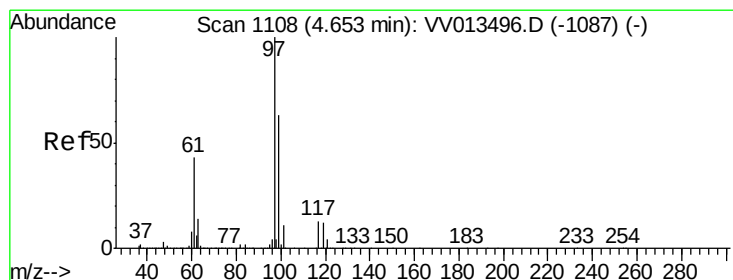
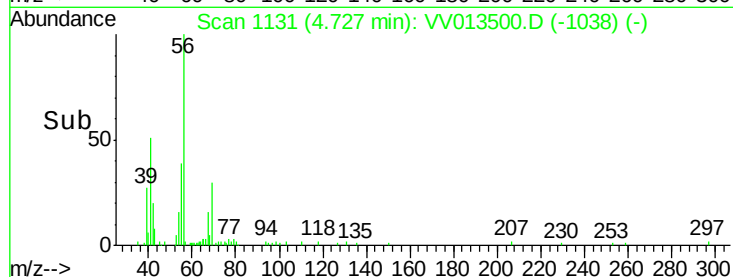
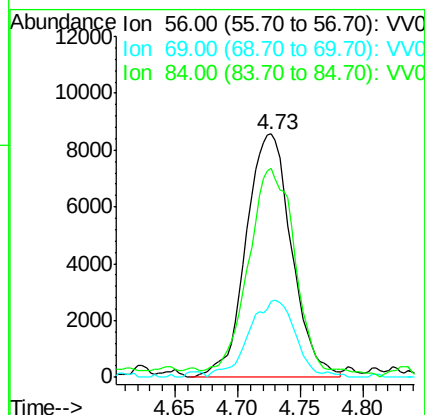
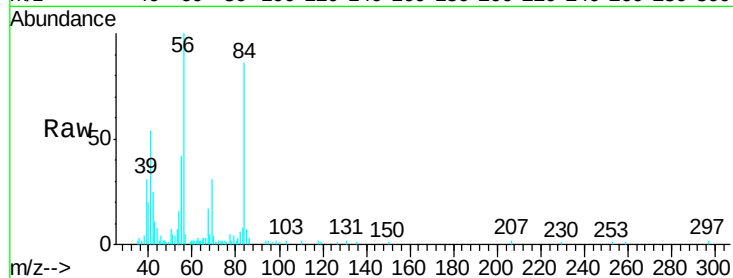
#29
Cyclohexane
Concen: 2.213 ug/L
RT: 4.73 min Scan# 1131
Delta R.T. -0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion	Ratio	Lower	Upper
56	100		
69	12.6	23.7	35.5#
84	81.7	66.3	99.5

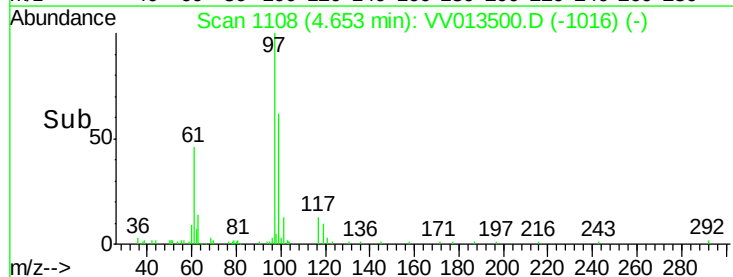
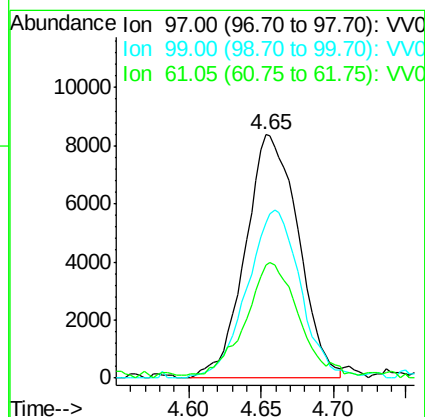
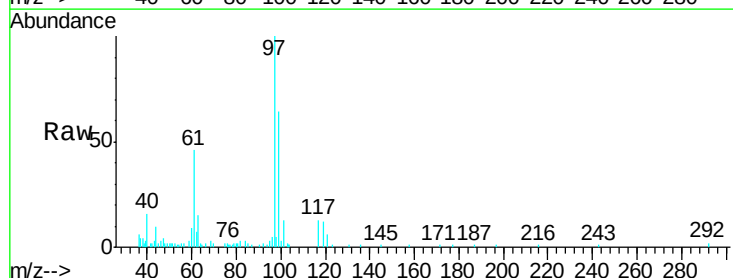
Manual Integrations
APPROVED

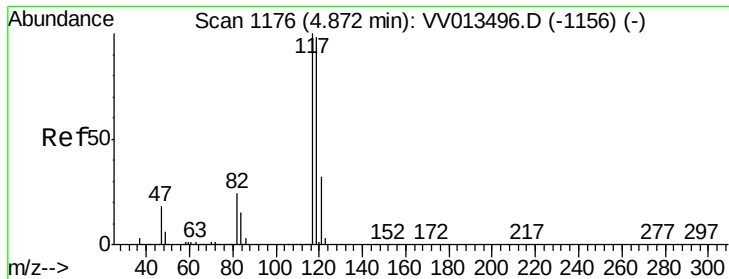
MMDadoda
11/7/2019 10:49:42 AM



#30
1,1,1-Trichloroethane
Concen: 2.250 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. -0.00 min
Lab File: VV013500.D
Acq: 06 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
97	100		
99	69.6	52.0	78.0
61	42.4	35.8	53.8





#31

Carbon tetrachloride

Concen: 2.294 ug/L m

RT: 4.87 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VV013500.D

Acq: 06 Nov 2019 16:00

Instrument :

MSVOA_V

ClientSampleId :

MDL03

Tgt Ion:117 Resp: 19350

Ion Ratio Lower Upper

117 100

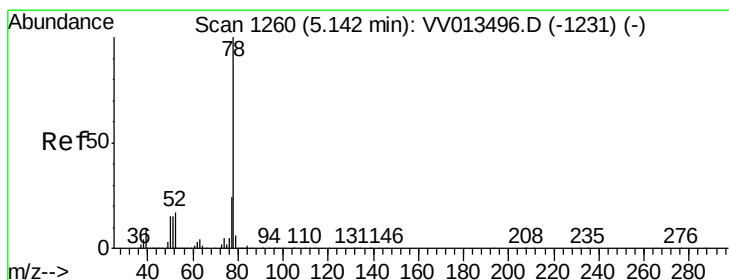
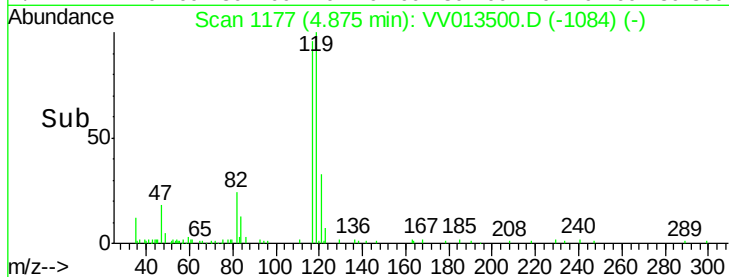
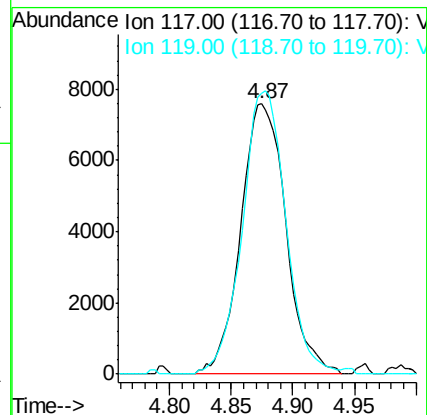
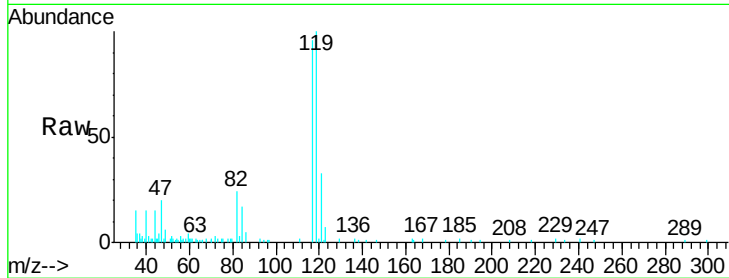
119 101.0 77.6 116.4

Manual Integrations

APPROVED

MMDadoda

11/7/2019 10:49:42 AM



#33

Benzene

Concen: 2.255 ug/L

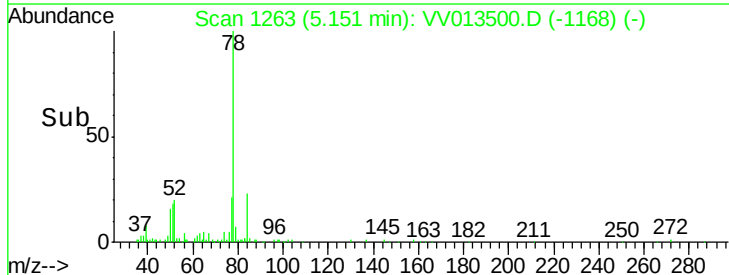
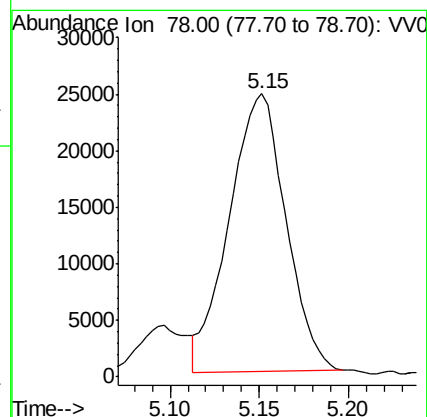
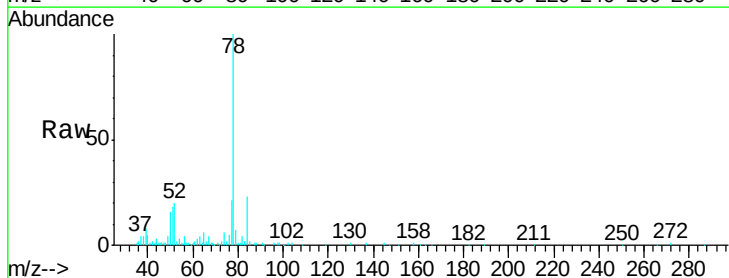
RT: 5.15 min Scan# 1263

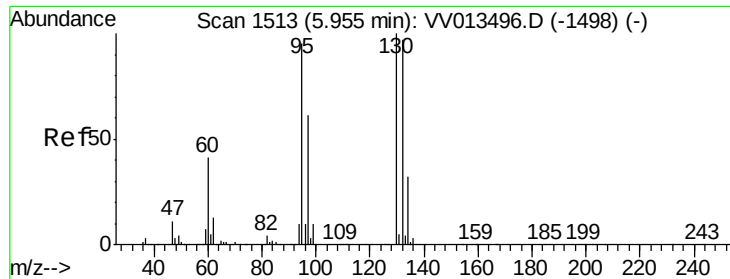
Delta R.T. 0.01 min

Lab File: VV013500.D

Acq: 06 Nov 2019 16:00

Tgt Ion: 78 Resp: 54407





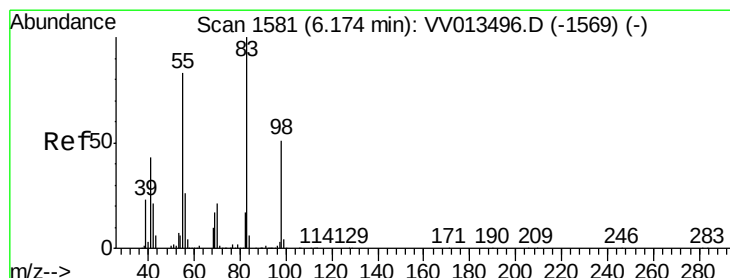
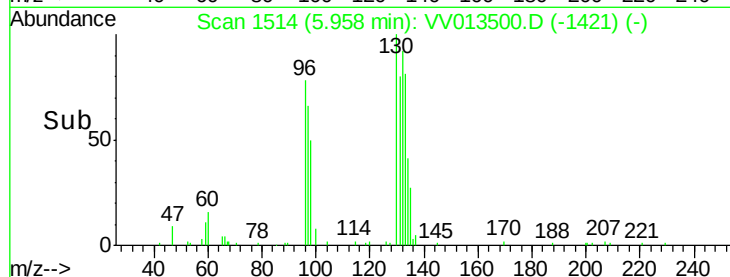
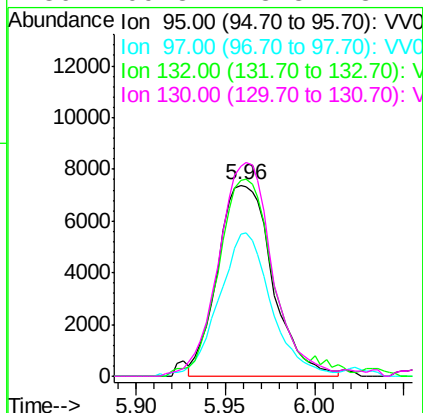
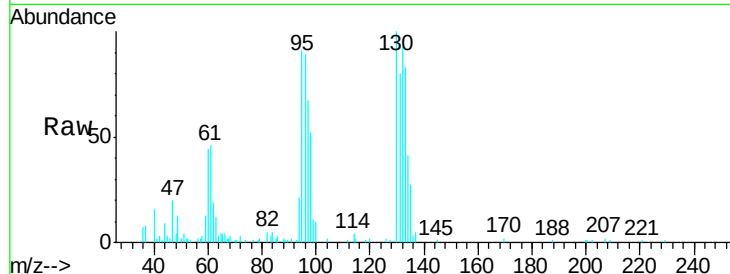
#34
 Trichloroethene
 Concen: 2.472 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: VV013500.D
 Acq: 06 Nov 2019 16:00

Instrument :
 MSVOA_V
 ClientSampled :
 MDL03

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	15850		
97	74.0	45.1	83.7	
132	102.7	71.7	133.1	
130	109.8	73.8	137.2	

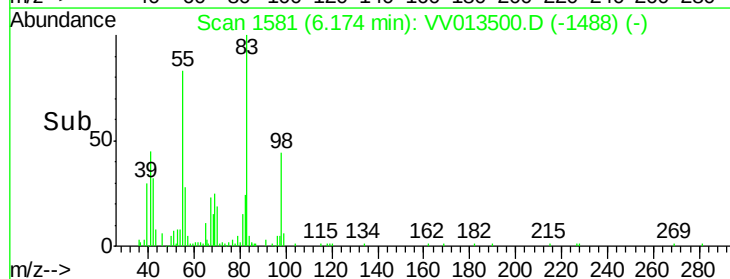
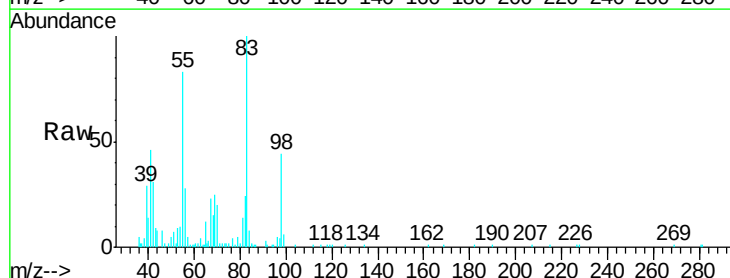
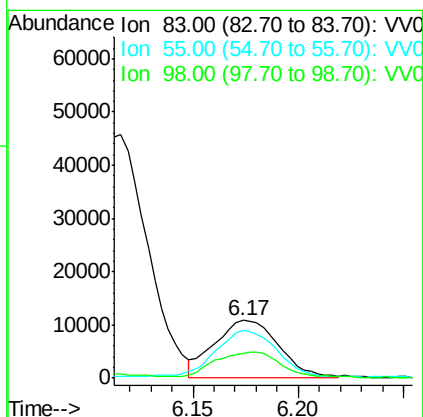
Manual Integrations
 APPROVED

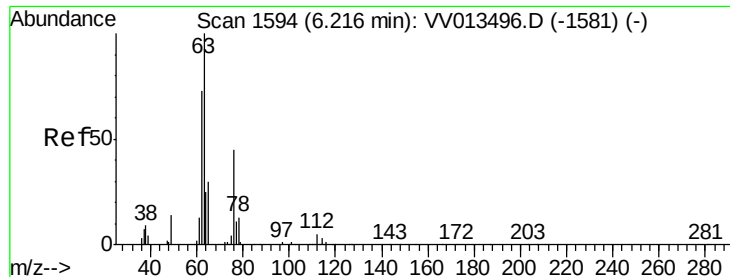
MMDadoda
 11/7/2019 10:49:42 AM



#35
 Methylcyclohexane
 Concen: 2.270 ug/L
 RT: 6.17 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: VV013500.D
 Acq: 06 Nov 2019 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	22437		
55	78.1	63.4	95.0	
98	45.9	38.6	58.0	





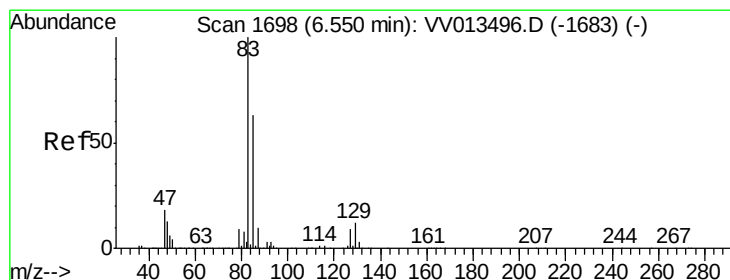
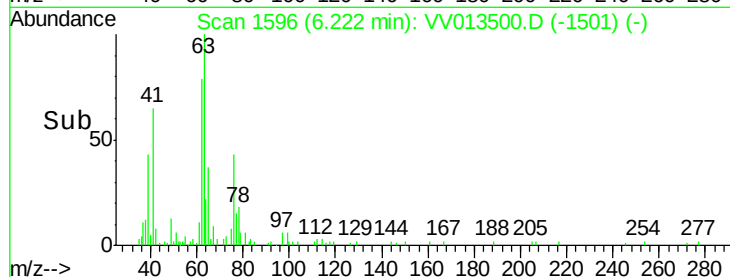
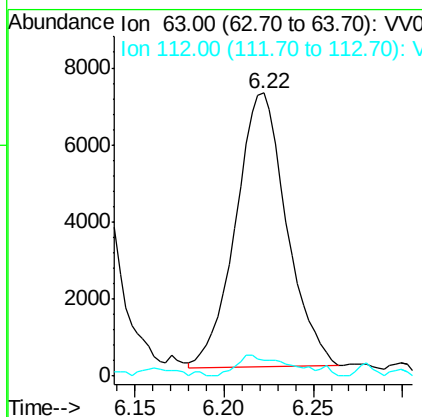
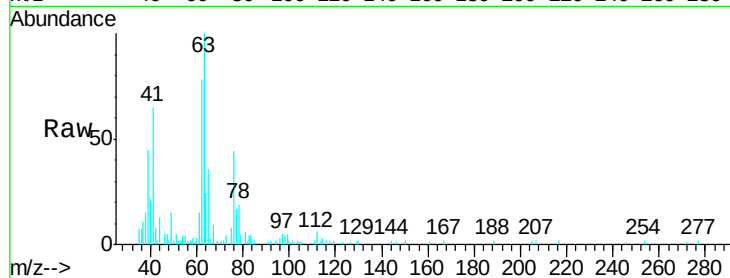
#37
 1,2-Dichloropropane
 Concen: 2.230 ug/L
 RT: 6.22 min Scan# 1596
 Delta R.T. 0.01 min
 Lab File: VV013500.D
 Acq: 06 Nov 2019 16:00

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

Tgt Ion: 63 Resp: 14162
 Ion Ratio Lower Upper
 63 100
 112 3.9 3.9 5.9#

Manual Integrations
 APPROVED

MMDadoda
 11/7/2019 10:49:42 AM



#38
 Bromodichloromethane
 Concen: 2.342 ug/L
 RT: 6.56 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VV013500.D
 Acq: 06 Nov 2019 16:00

Tgt Ion: 83 Resp: 19560
 Ion Ratio Lower Upper
 83 100
 85 71.2 44.8 83.2
 127 9.3 7.1 10.7

