

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020819\
 Data File : VX007433.D
 Acq On : 08 Feb 2019 10:39
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/11/2019 9:37:10 AM

Quant Time: Feb 08 23:15:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	550036	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	774945	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	707510	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	377144	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	314277	53.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.66%	
35) Dibromofluoromethane	5.50	113	287306	56.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.96%	
50) Toluene-d8	8.71	98	1068378	57.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.22%	
62) 4-Bromofluorobenzene	11.13	95	390625	57.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	312685	46.275	ug/l	98
3) Chloromethane	1.33	50	264908	42.759	ug/l	99
4) Vinyl Chloride	1.41	62	281993	46.397	ug/l	98
5) Bromomethane	1.64	94	281771	46.856	ug/l	99
6) Chloroethane	1.71	64	177090	45.041	ug/l	100
7) Trichlorofluoromethane	1.93	101	443373	46.632	ug/l	99
8) Diethyl Ether	2.19	74	159819	44.660	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	262016	46.329	ug/l	99
10) Methyl Iodide	2.51	142	380219	45.701	ug/l	100
11) Tert butyl alcohol	3.07	59	270913	224.226	ug/l	100
12) 1,1-Dichloroethene	2.37	96	232144	44.203	ug/l	100
13) Acrolein	2.29	56	137308	242.352	ug/l	97
14) Allyl chloride	2.73	41	395773	46.251	ug/l	99
15) Acrylonitrile	3.15	53	681224	227.920	ug/l	99
16) Acetone	2.45	43	608764	227.633	ug/l	100
17) Carbon Disulfide	2.57	76	581011	42.634	ug/l	99
18) Methyl Acetate	2.78	43	352505	50.582	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	773240	45.447	ug/l	98
20) Methylene Chloride	2.85	84	254985	46.653	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	247452	44.232	ug/l	99
22) Diisopropyl ether	3.87	45	757368	48.117	ug/l	97
23) Vinyl Acetate	3.82	43	3299993	252.650	ug/l	100
24) 1,1-Dichloroethane	3.70	63	436668	48.308	ug/l	98
25) 2-Butanone	4.70	43	874259	229.713	ug/l	100
26) 2,2-Dichloropropane	4.58	77	328935	47.784	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	265586	43.464	ug/l	98
28) Bromochloromethane	5.02	49	217772	52.389	ug/l	98
29) Tetrahydrofuran	5.15	42	571276	238.664	ug/l	99
30) Chloroform	5.21	83	431523	45.750	ug/l	98
31) Cyclohexane	5.57	56	368630	45.407	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	377163	47.372	ug/l	100
36) 1,1-Dichloropropene	5.80	75	318481	45.804	ug/l	100
37) Ethyl Acetate	4.85	43	329383	46.862	ug/l	99
38) Carbon Tetrachloride	5.78	117	336727	49.918	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020819\
 Data File : VX007433.D
 Acq On : 08 Feb 2019 10:39
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/11/2019 9:37:10 AM

Quant Time: Feb 08 23:15:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	416586	49.520	ug/l	99
40) Benzene	6.14	78	965950	47.161	ug/l	99
41) Methacrylonitrile	5.06	41	185439	49.227	ug/l	98
42) 1,2-Dichloroethane	6.20	62	322047	45.445	ug/l	98
43) Isopropyl Acetate	6.46	43	530854	48.931	ug/l	99
44) Trichloroethene	7.21	130	285132	46.223	ug/l	99
45) 1,2-Dichloropropane	7.51	63	242852	47.323	ug/l	100
46) Dibromomethane	7.66	93	174927	46.900	ug/l	97
47) Bromodichloromethane	7.90	83	312928	49.505	ug/l	99
48) Methyl methacrylate	7.77	41	271597	50.049	ug/l	99
49) 1,4-Dioxane	7.75	88	118843	963.240	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1714766	240.099	ug/l	99
52) Toluene	8.78	92	628767	47.581	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	352714	51.947	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	385088	51.573	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	258001	46.838	ug/l	98
56) Ethyl methacrylate	9.18	69	367283	48.142	ug/l	100
57) 1,3-Dichloropropane	9.37	76	413330	47.184	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	921126	229.066	ug/l	100
59) 2-Hexanone	9.49	43	1318944	237.323	ug/l	100
60) Dibromochloromethane	9.58	129	274727	52.734	ug/l	99
61) 1,2-Dibromoethane	9.67	107	283725	48.637	ug/l	100
64) Tetrachloroethene	9.33	164	305719	45.845	ug/l	99
65) Chlorobenzene	10.14	112	717776	46.490	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	264952	51.185	ug/l	99
67) Ethyl Benzene	10.25	91	1214328	48.841	ug/l	100
68) m/p-Xylenes	10.36	106	953188	96.444	ug/l	100
69) o-Xylene	10.69	106	460858	48.459	ug/l	100
70) Styrene	10.71	104	747002	48.433	ug/l	100
71) Bromoform	10.86	173	206129	45.773	ug/l	100
73) Isopropylbenzene	11.02	105	1240394	48.398	ug/l	99
74) N-amyl acetate	10.90	43	476286	48.047	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	367749	47.083	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	352653m	48.072	ug/l	
77) Bromobenzene	11.26	156	327582	45.364	ug/l	97
78) n-propylbenzene	11.36	91	1408972	50.135	ug/l	100
79) 2-Chlorotoluene	11.42	91	803238	47.103	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1012844	48.305	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	112053	47.448	ug/l	96
82) 4-Chlorotoluene	11.51	91	941668	47.723	ug/l	100
83) tert-Butylbenzene	11.77	119	1000325	48.187	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1037536	48.740	ug/l	99
85) sec-Butylbenzene	11.94	105	1260603	50.173	ug/l	100
86) p-Isopropyltoluene	12.06	119	1130950	49.864	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	598105	46.152	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	601653	45.760	ug/l	100
89) n-Butylbenzene	12.39	91	983254	50.396	ug/l	99
90) Hexachloroethane	12.60	117	181240	53.394	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	592665	45.953	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	78615	48.406	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020819\
Data File : VX007433.D
Acq On : 08 Feb 2019 10:39
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
2/11/2019 9:37:10 AM

Quant Time: Feb 08 23:15:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	423435	48.684	ug/l	99
94) Hexachlorobutadiene	13.78	225	206517	48.899	ug/l	100
95) Naphthalene	13.83	128	1258891	49.495	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	417683	47.708	ug/l	99

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

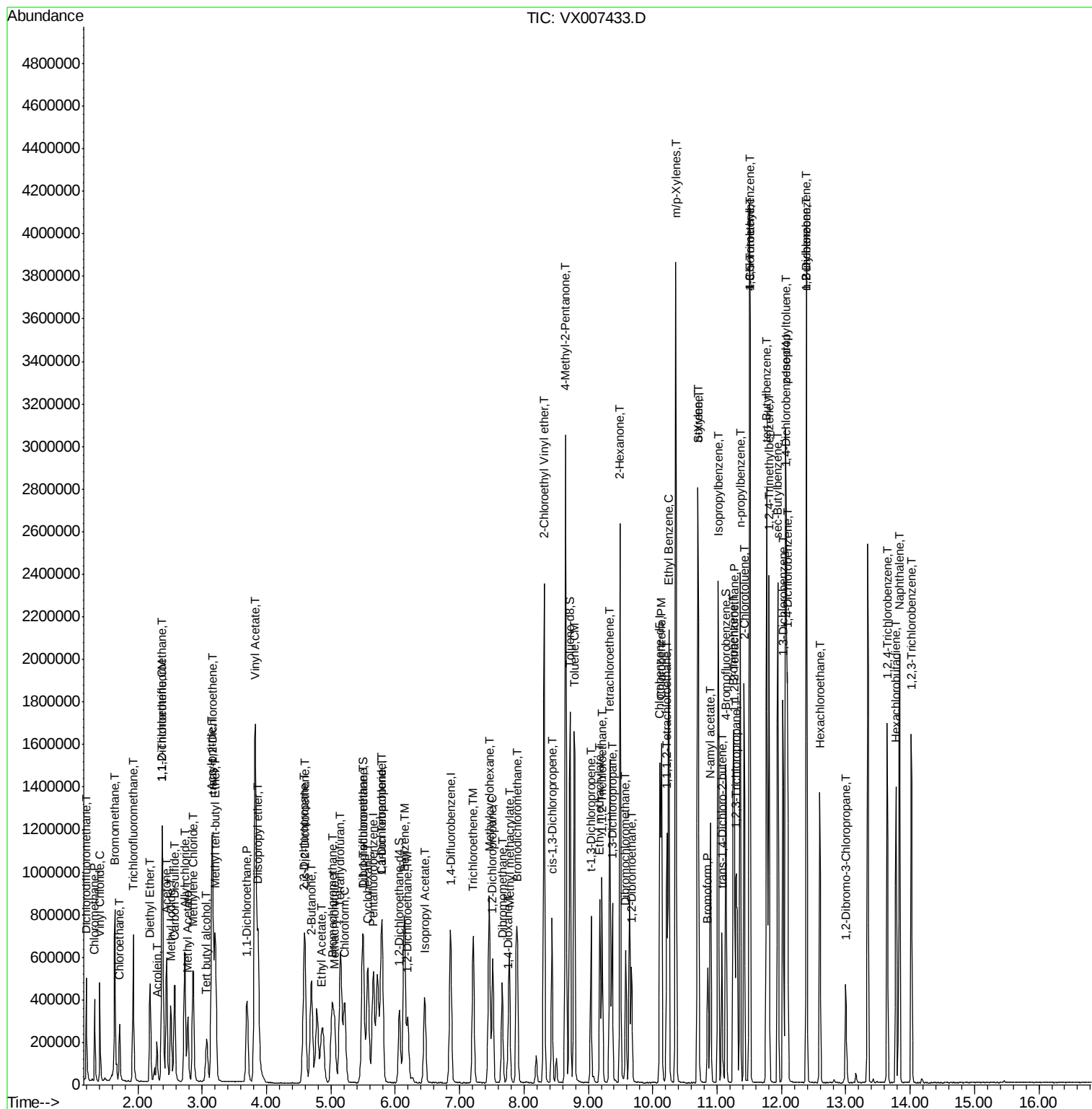
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX020819\
Data File : VX007433.D
Acq On : 08 Feb 2019 10:39
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

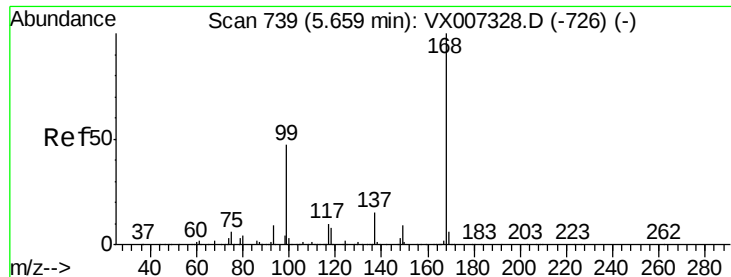
Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
2/11/2019 9:37:10 AM

Quant Time: Feb 08 23:15:15 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 550036

Ion Ratio Lower Upper

168 100

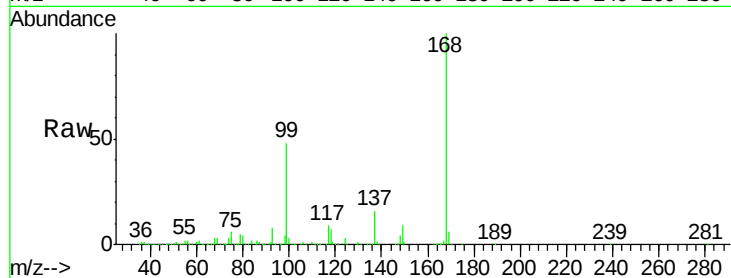
99 48.1 37.9 56.9

Manual Integrations

APPROVED

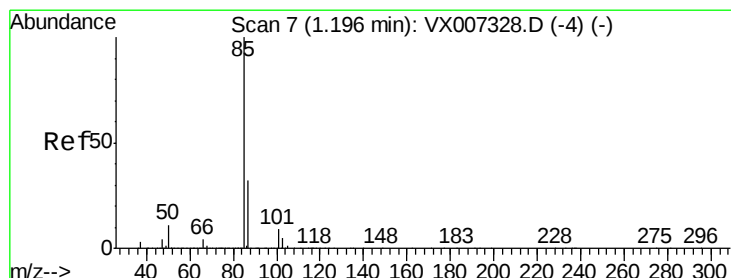
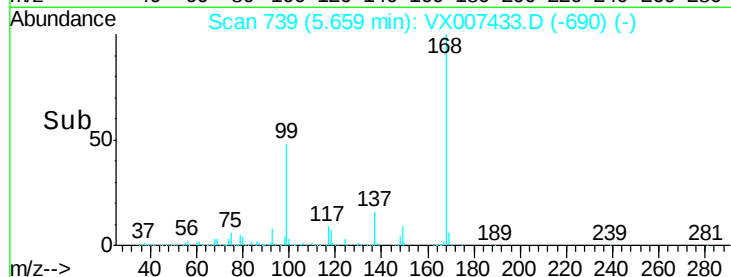
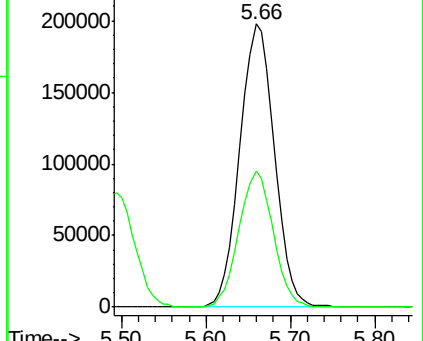
MMDadoda

2/11/2019 9:37:10 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 46.275 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007433.D

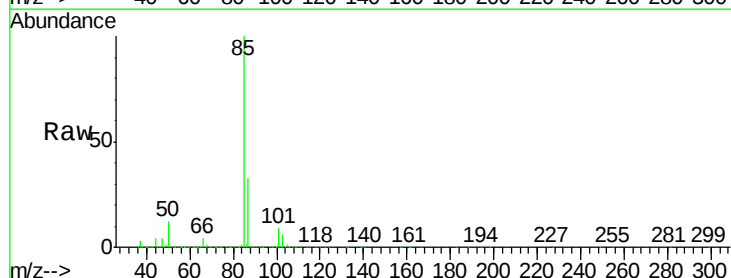
Acq: 08 Feb 2019 10:39

Tgt Ion: 85 Resp: 312685

Ion Ratio Lower Upper

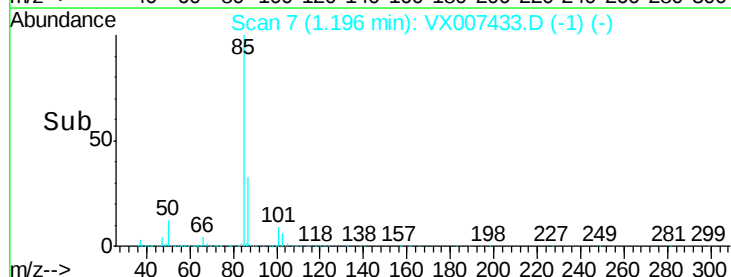
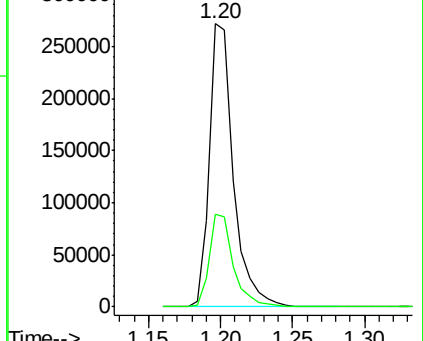
85 100

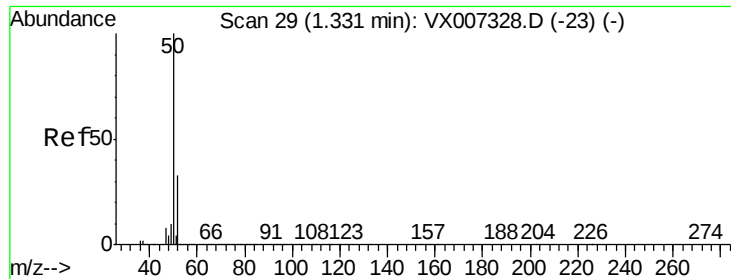
87 32.7 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 42.759 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 264908

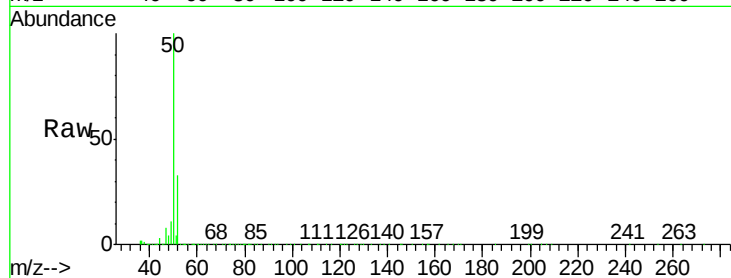
Ion Ratio Lower Upper

50 100

52 33.0 26.1 39.1

Manual Integrations
APPROVED

MMDadoda
2/11/2019 9:37:10 AM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

250000

200000

150000

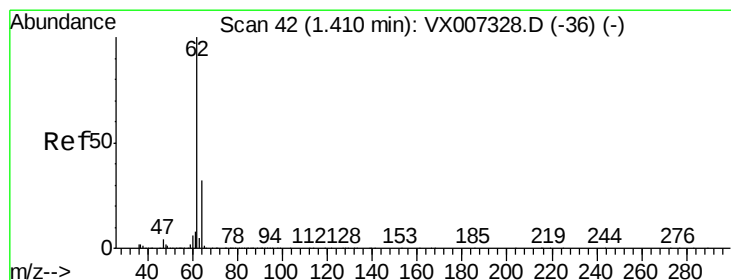
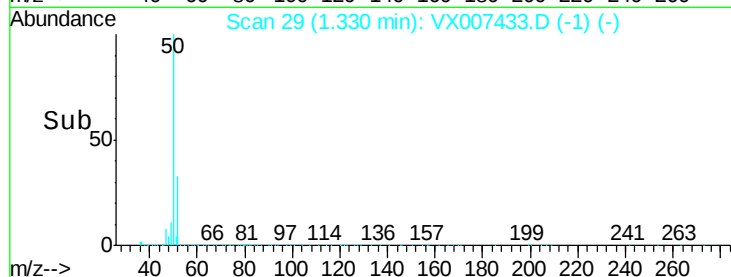
100000

50000

0

Time-->

1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 46.397 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007433.D

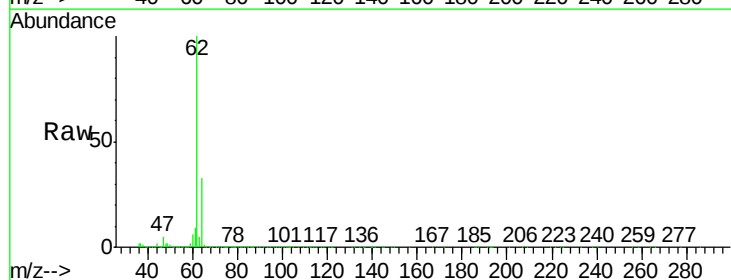
Acq: 08 Feb 2019 10:39

Tgt Ion: 62 Resp: 281993

Ion Ratio Lower Upper

62 100

64 32.8 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

300000

250000

200000

150000

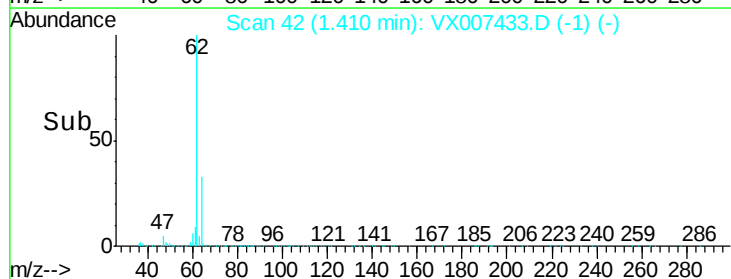
100000

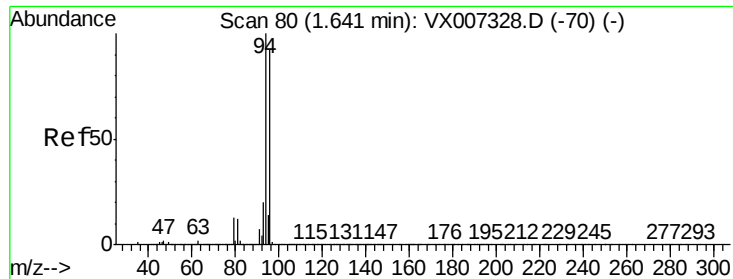
50000

0

Time-->

1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 46.856 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 281771

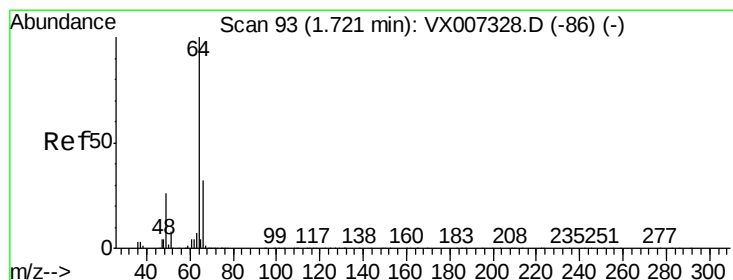
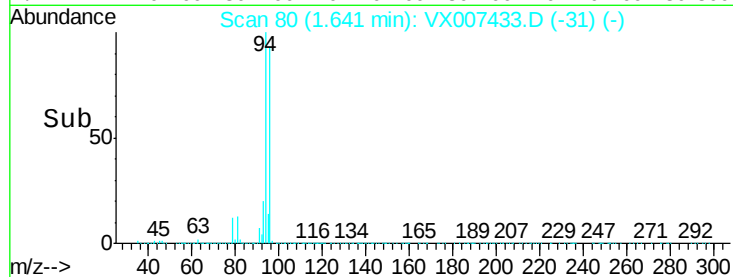
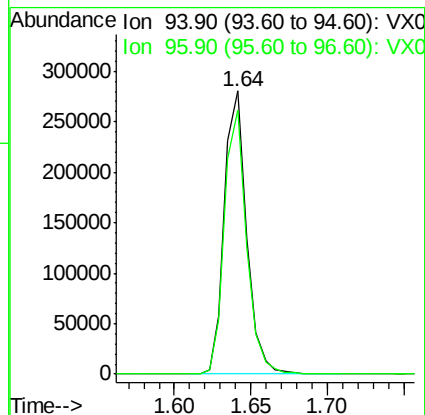
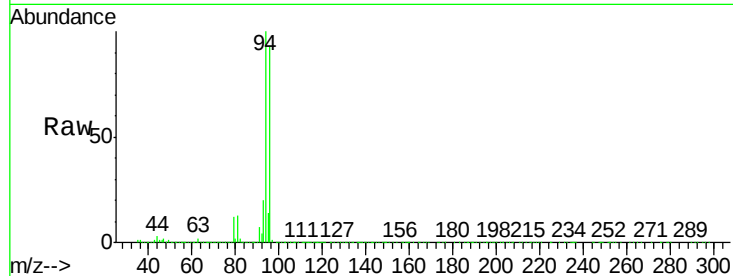
Ion Ratio Lower Upper

94 100

96 93.3 73.9 110.9

Manual Integrations
APPROVED

MMDadoda
2/11/2019 9:37:10 AM



#6

Chloroethane

Concen: 45.041 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX007433.D

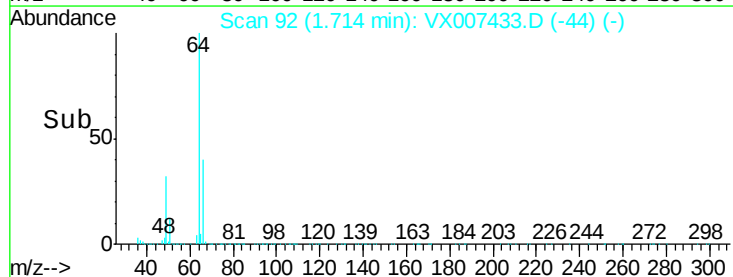
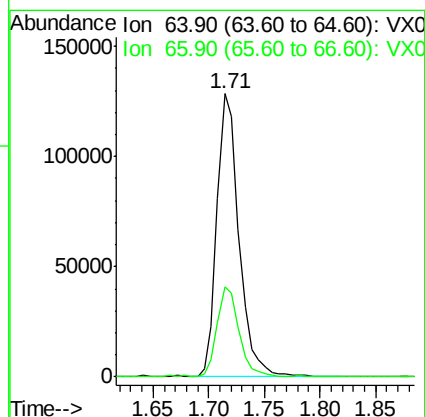
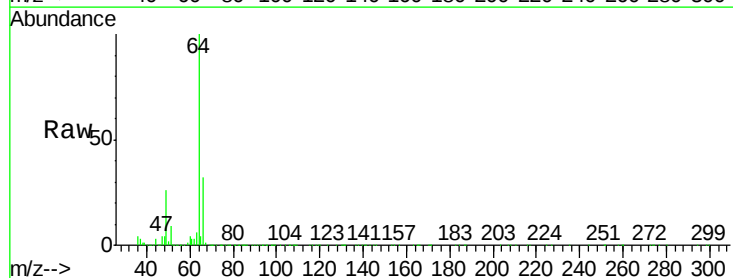
Acq: 08 Feb 2019 10:39

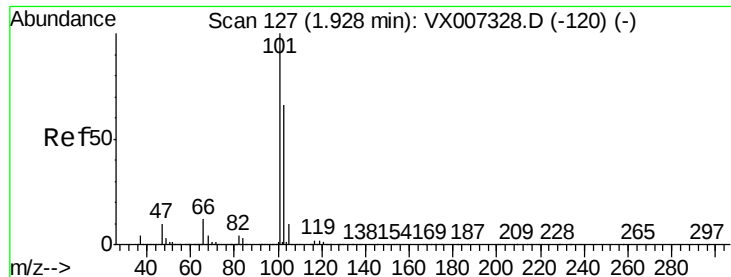
Tgt Ion: 64 Resp: 177090

Ion Ratio Lower Upper

64 100

66 31.7 25.5 38.3





#7

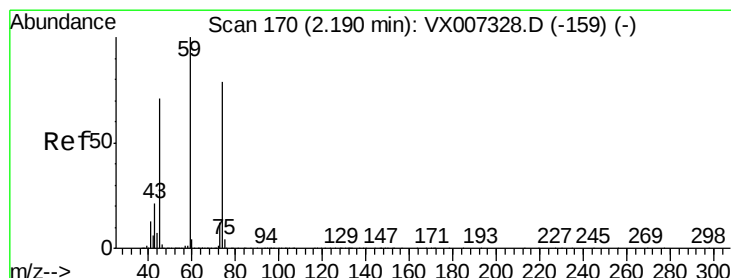
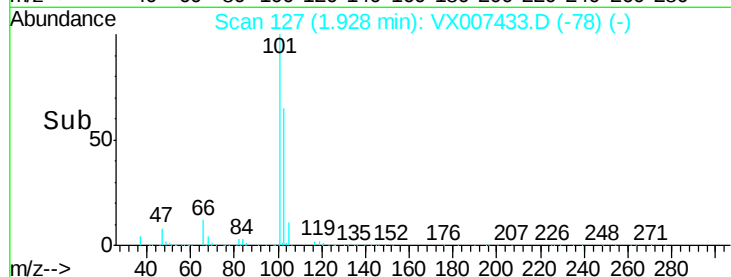
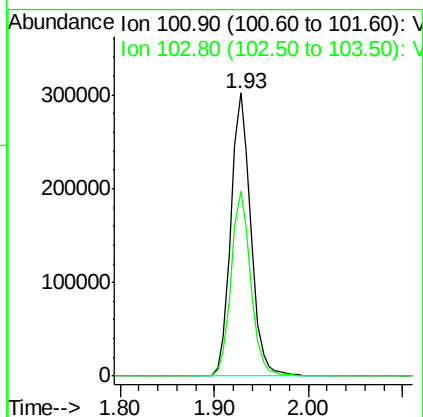
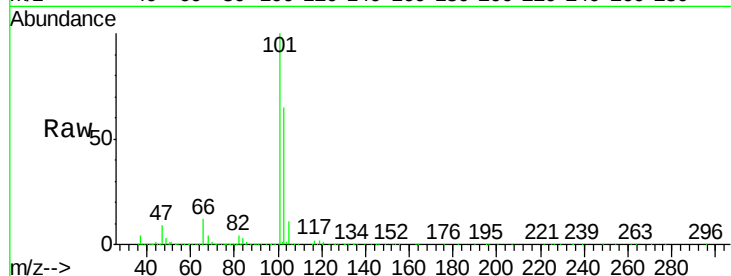
Trichlorofluoromethane
Concen: 46.632 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	52.6	79.0

Manual Integrations
APPROVED

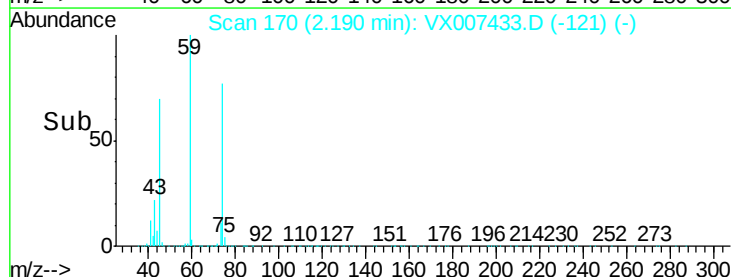
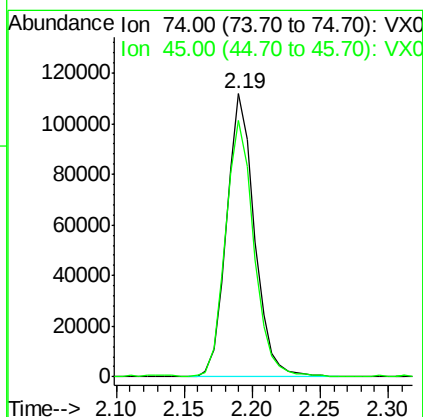
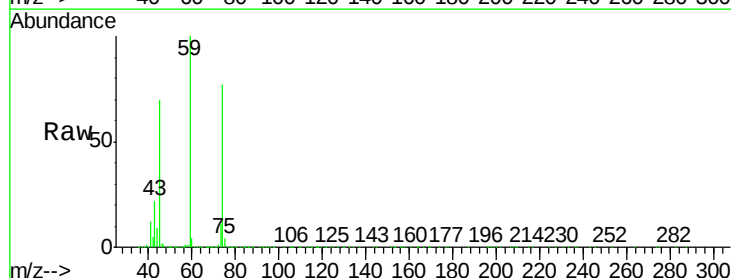
MMDadoda
2/11/2019 9:37:10 AM

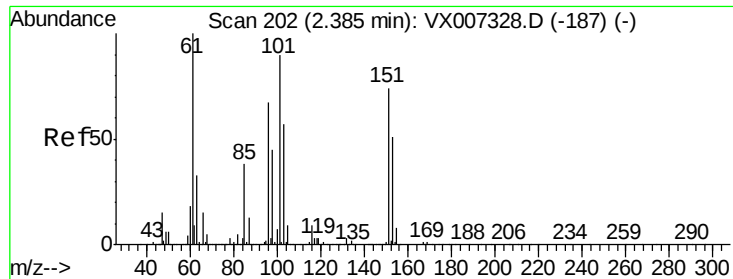


#8

Diethyl Ether
Concen: 44.660 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.6	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.329 ug/l

RT: 2.38 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

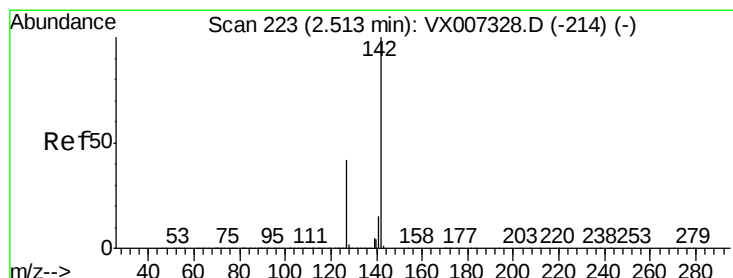
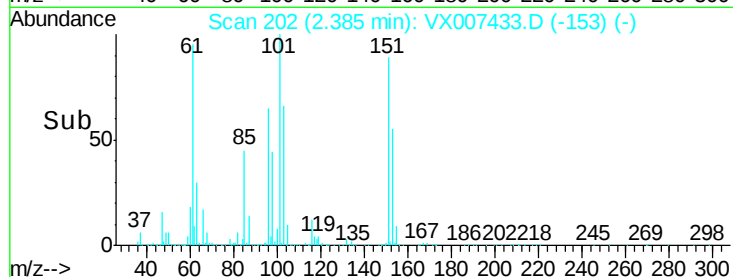
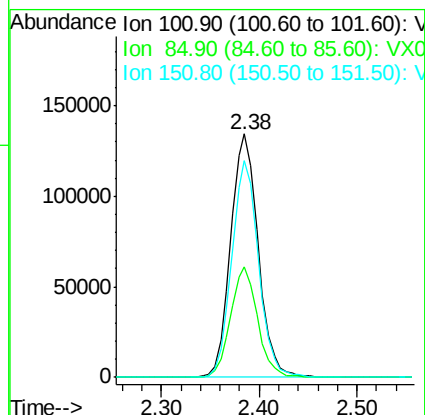
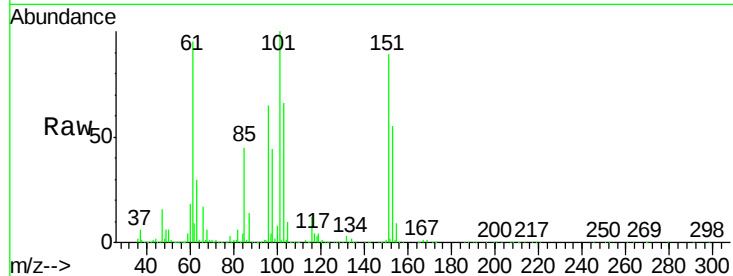
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	262016
Ion Ratio	Lower	Upper	
101	100		
85	44.2	34.1	51.1
151	86.9	69.9	104.9

Manual Integrations
APPROVED

MMDadoda
2/11/2019 9:37:10 AM



#10

Methyl Iodide

Concen: 45.701 ug/l

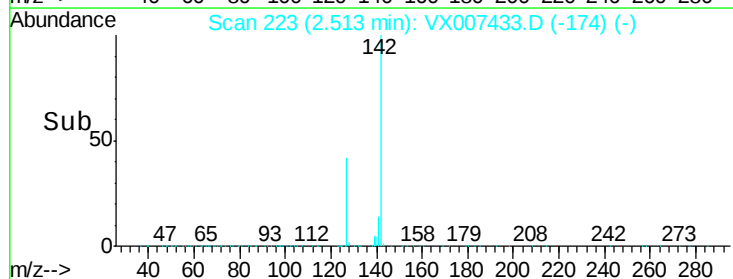
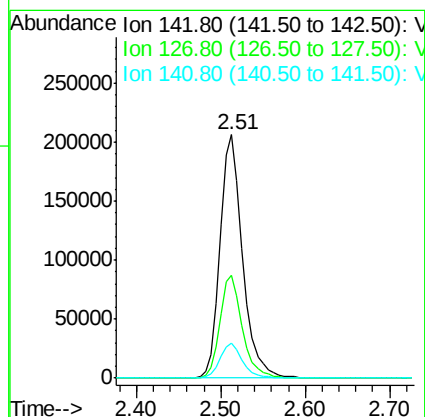
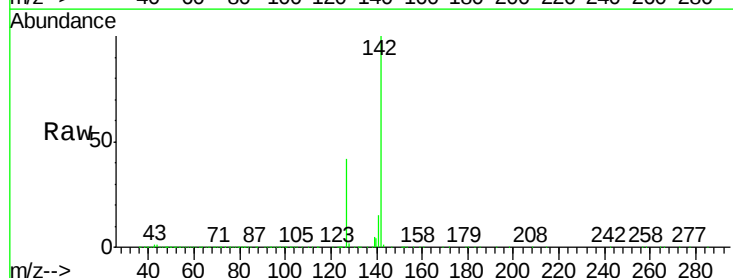
RT: 2.51 min Scan# 223

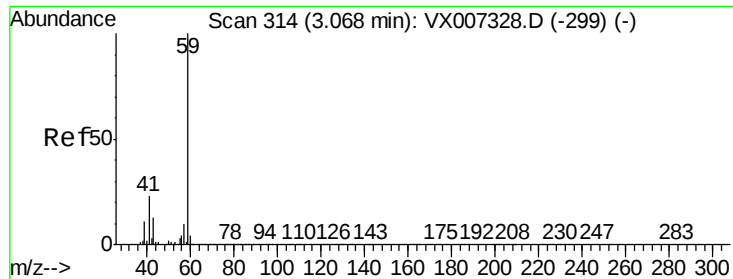
Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Tgt Ion:	142	Resp:	380219
Ion Ratio	Lower	Upper	
142	100		
127	42.0	33.7	50.5
141	14.3	11.3	16.9





#11

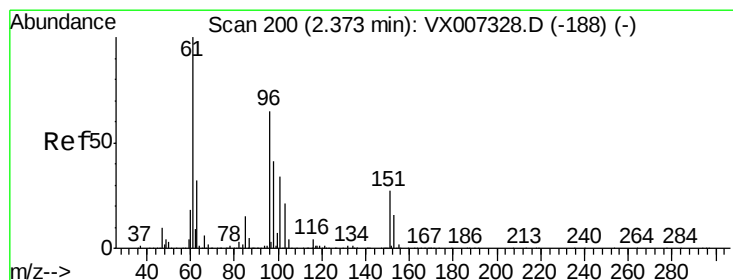
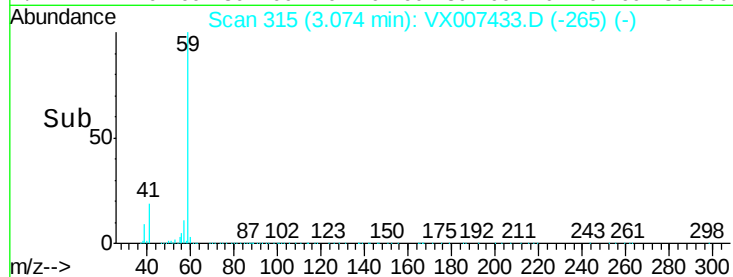
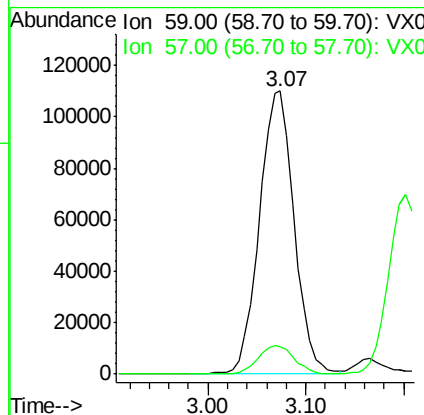
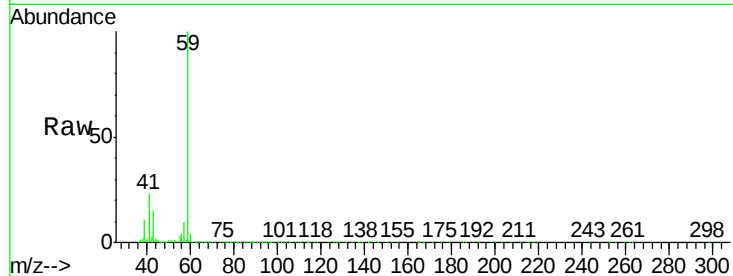
Tert butyl alcohol
Concen: 224.226 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.01 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	10.3	8.1	12.1

Manual Integrations
APPROVED

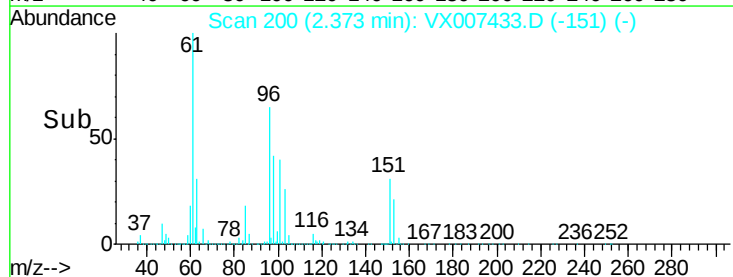
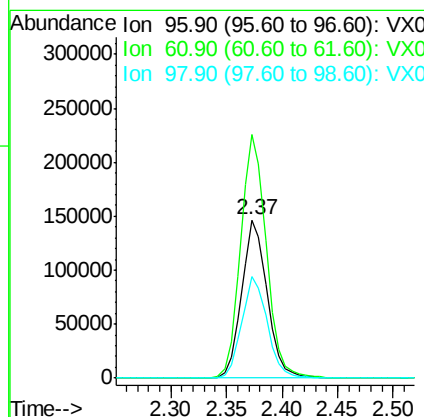
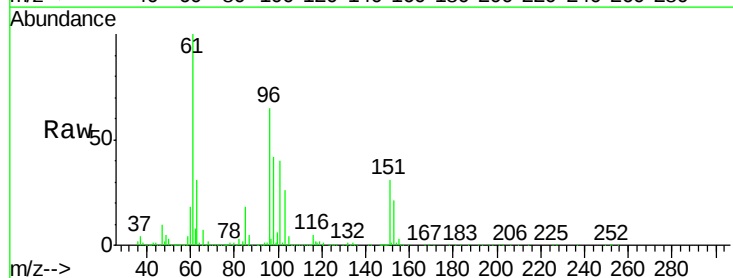
MMDadoda
2/11/2019 9:37:10 AM

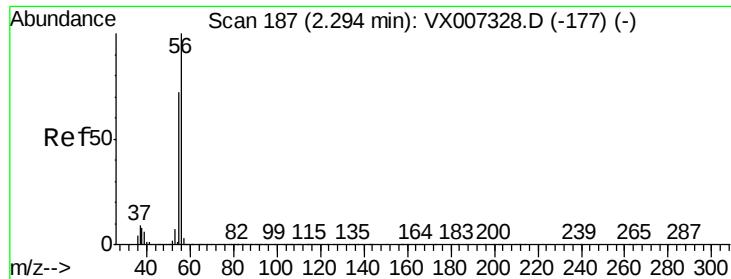


#12

1,1-Dichloroethene
Concen: 44.203 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	153.8	123.0	184.4
98	98	64.3	50.9	76.3





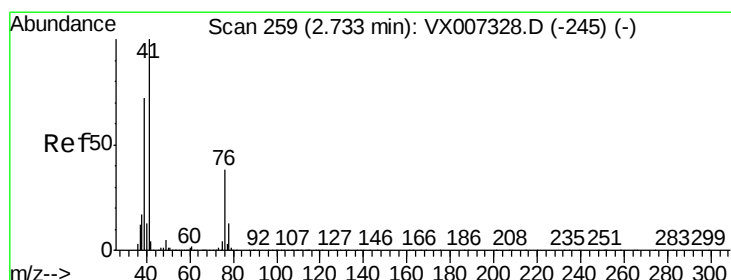
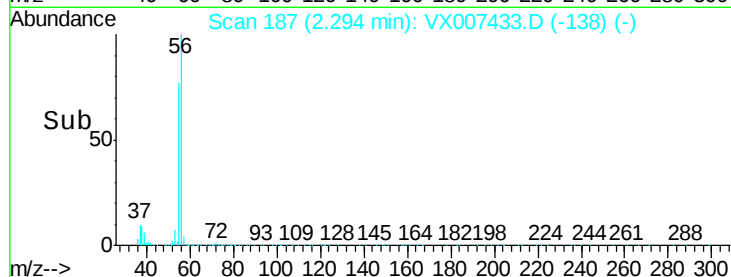
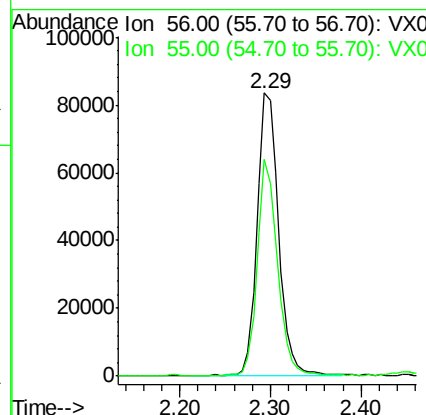
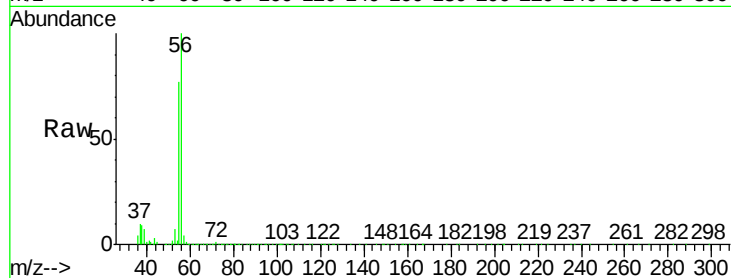
#13
Acrolein
Concen: 242.352 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	73.2	56.9	85.3	

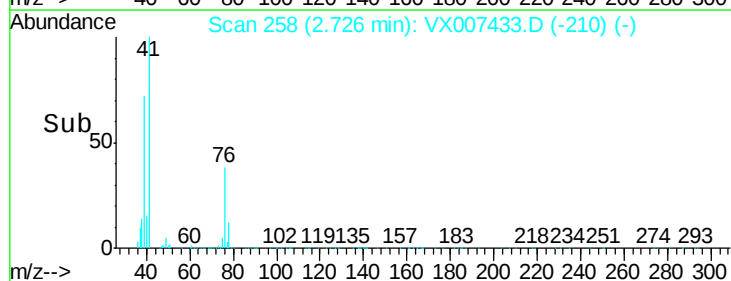
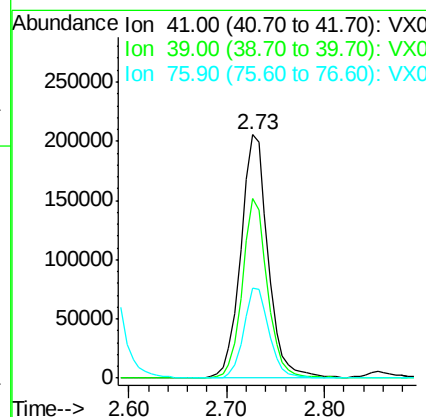
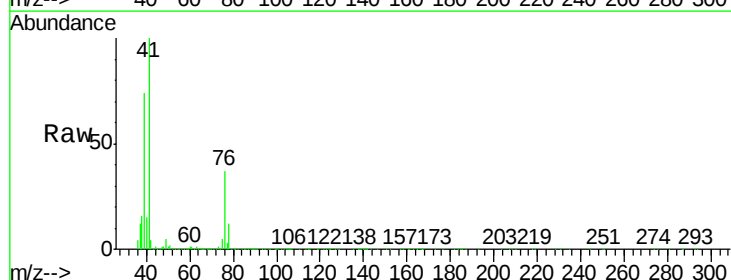
Manual Integrations
APPROVED

MMDadoda
2/11/2019 9:37:10 AM



#14
Allyl chloride
Concen: 46.251 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.01 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	68.6	54.1	81.1	
76	34.6	27.8	41.8	





#15

Acrylonitrile

Concen: 227.920 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

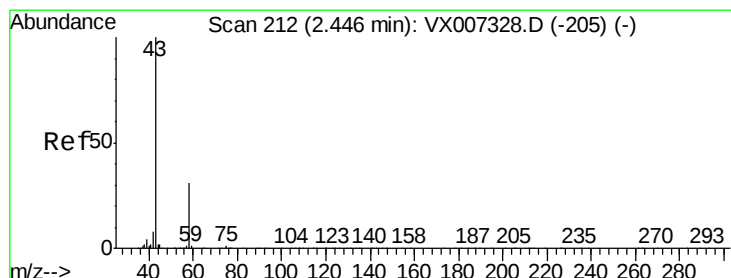
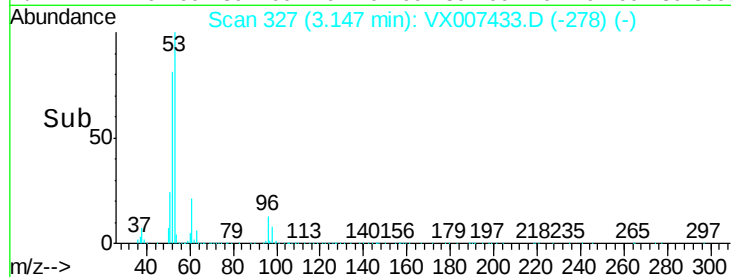
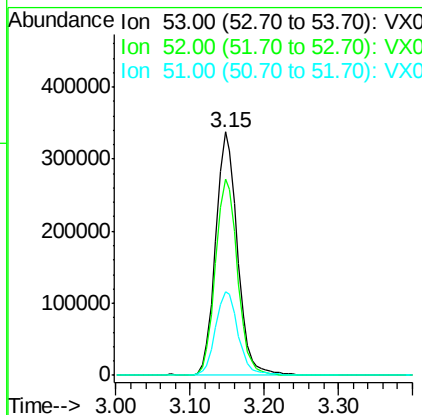
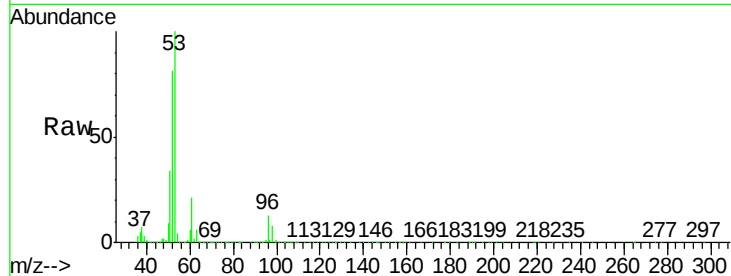
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	681224
Ion Ratio		Lower	Upper
53	100		
52	81.9	66.4	99.6
51	35.6	28.4	42.6

Manual Integrations
APPROVED

MMDadoda
2/11/2019 9:37:10 AM



#16

Acetone

Concen: 227.633 ug/l

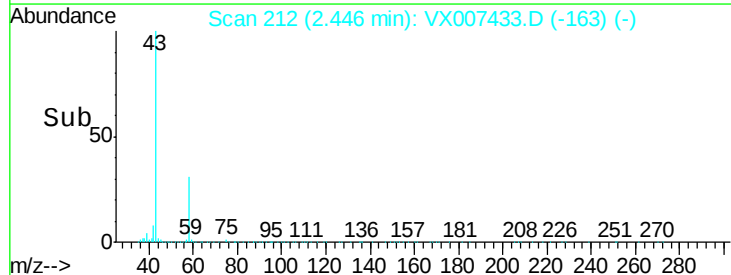
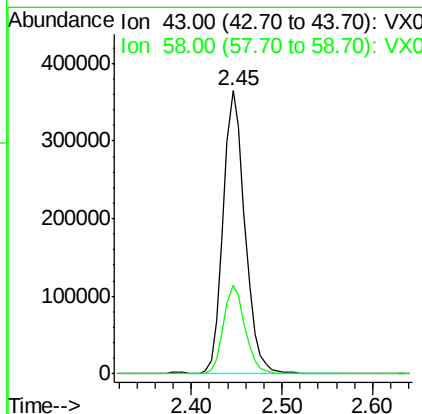
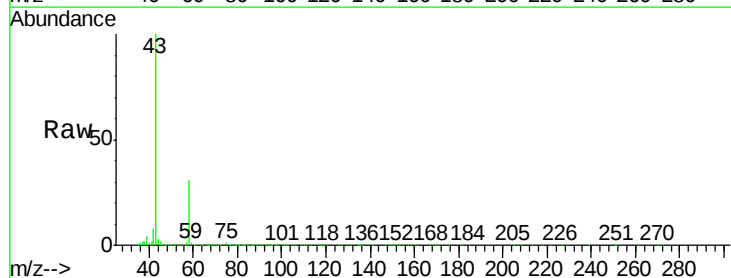
RT: 2.45 min Scan# 212

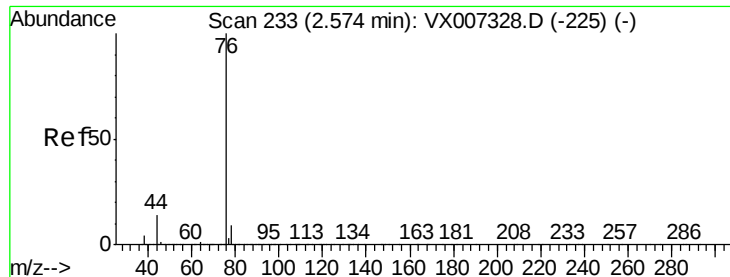
Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Tgt Ion:	43	Resp:	608764
Ion Ratio		Lower	Upper
43	100		
58	31.2	24.9	37.3





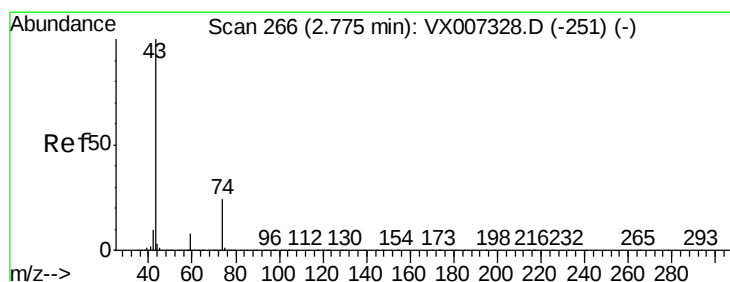
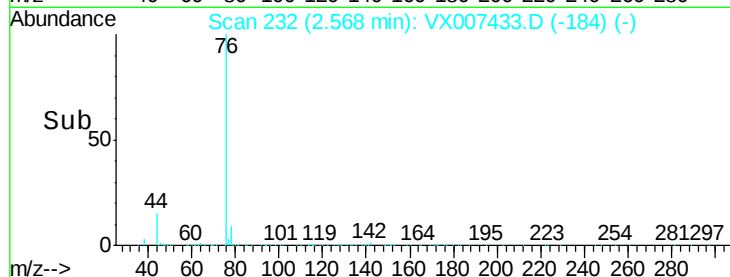
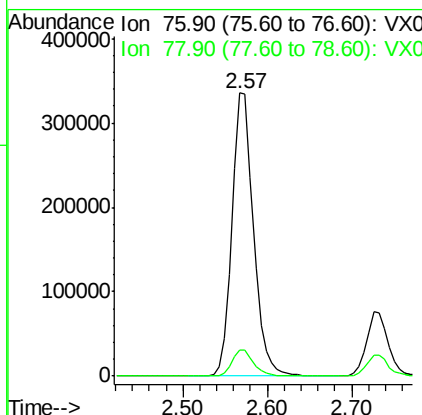
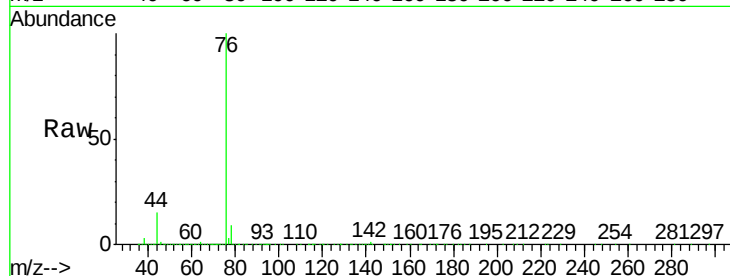
#17
Carbon Disulfide
Concen: 42.634 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.01 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.1	10.7

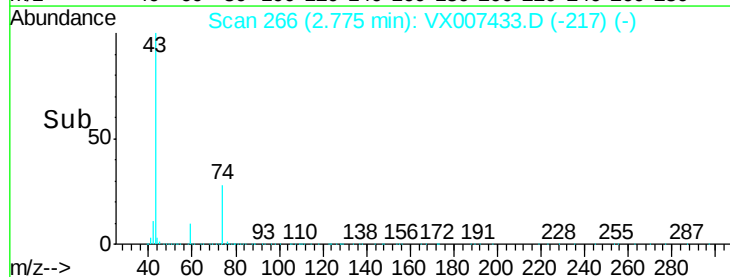
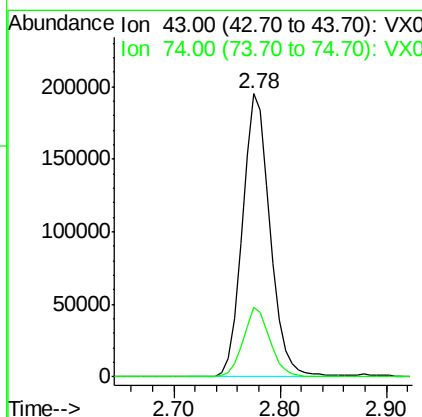
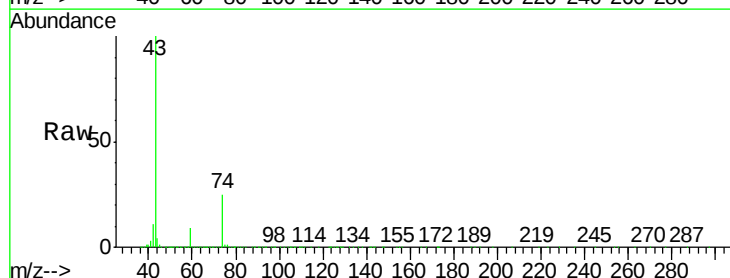
Manual Integrations
APPROVED

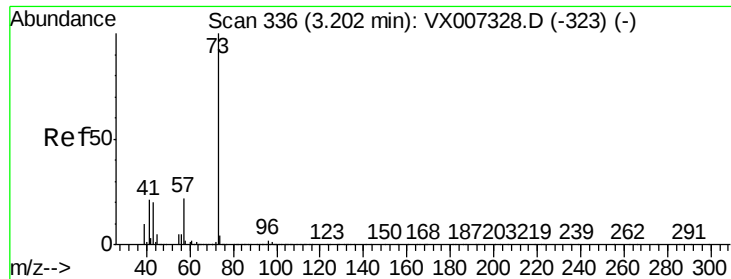
MMDadoda
2/11/2019 9:37:10 AM



#18
Methyl Acetate
Concen: 50.582 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	19.4	29.2





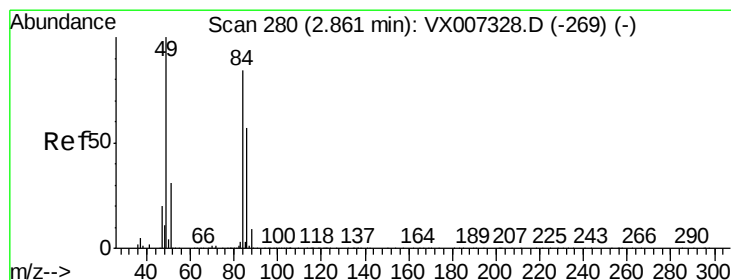
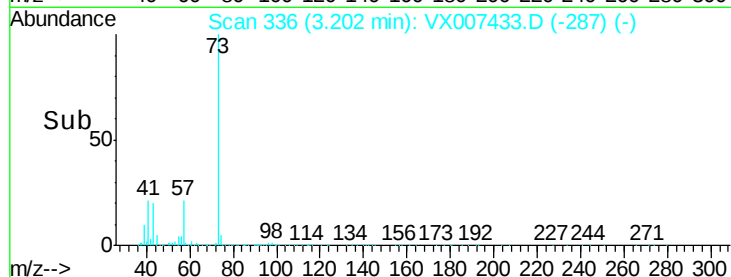
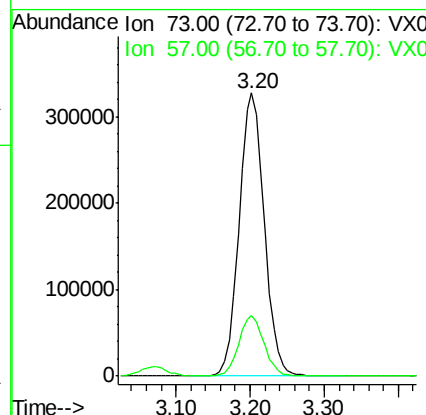
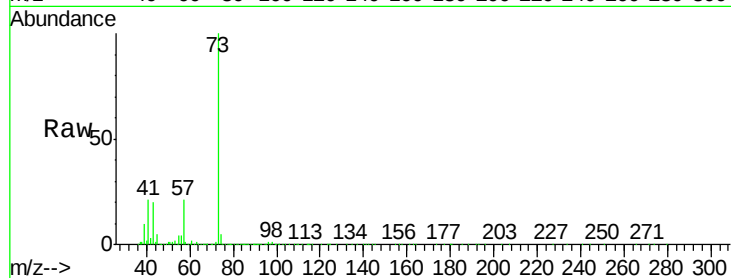
#19
Methvl tert-butvl Ether
Concen: 45.447 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	17.8	26.8

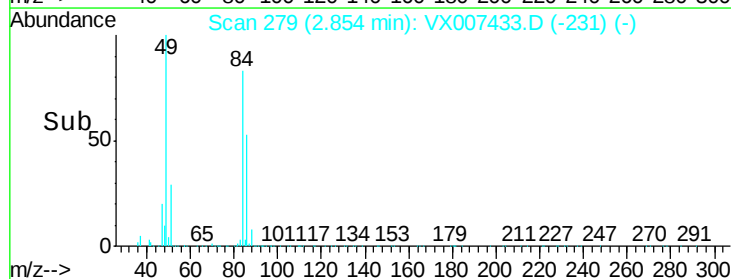
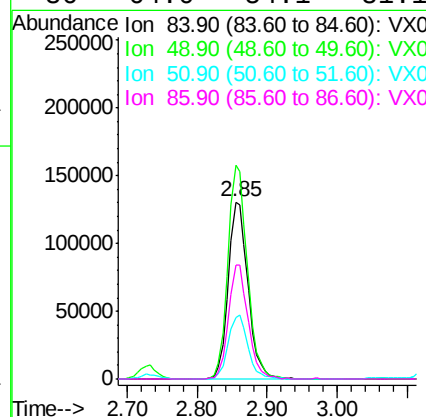
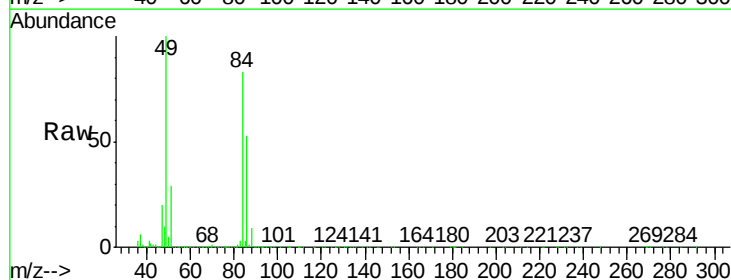
Manual Integrations
APPROVED

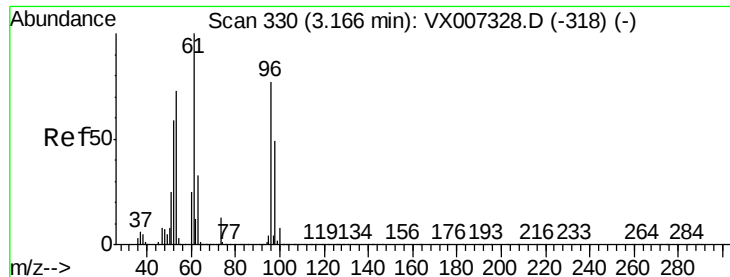
MMDadoda
2/11/2019 9:37:10 AM



#20
Methylene Chloride
Concen: 46.653 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.4	94.8	142.2
51	34.3	29.8	44.8
86	64.0	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 44.232 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

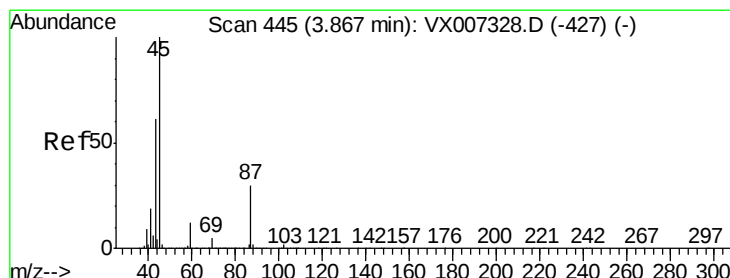
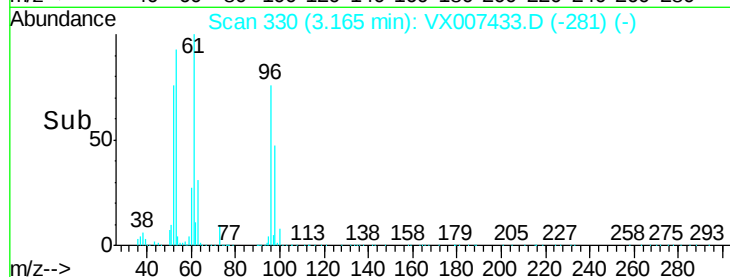
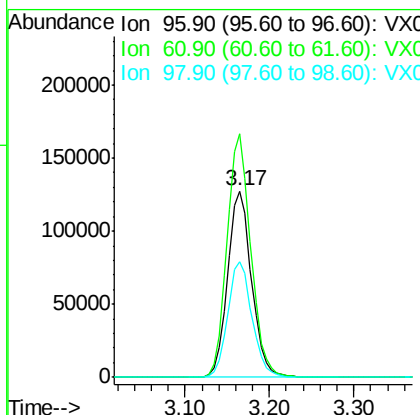
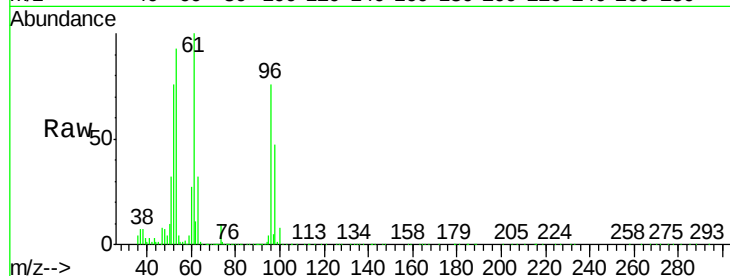
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	247452
Ion Ratio	Lower	Upper	
96	100		
61	130.8	104.6	156.8
98	62.1	51.0	76.4

Manual Integrations
APPROVED

MMDadoda
2/11/2019 9:37:10 AM



#22

Diisopropyl ether

Concen: 48.117 ug/l

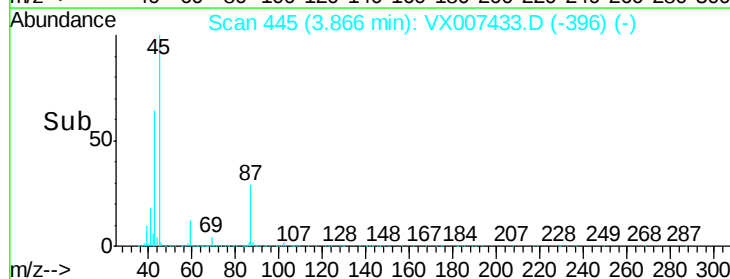
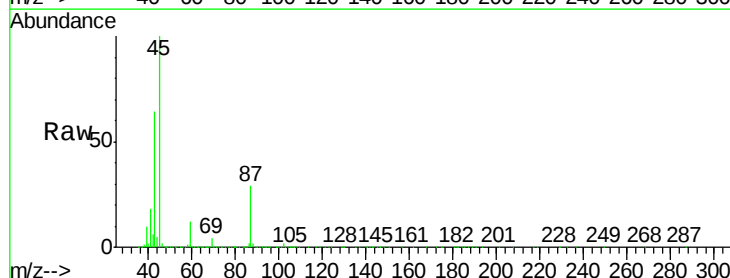
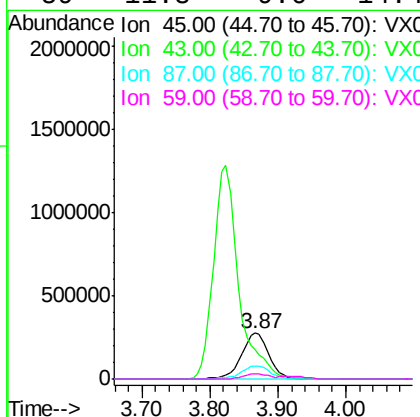
RT: 3.87 min Scan# 445

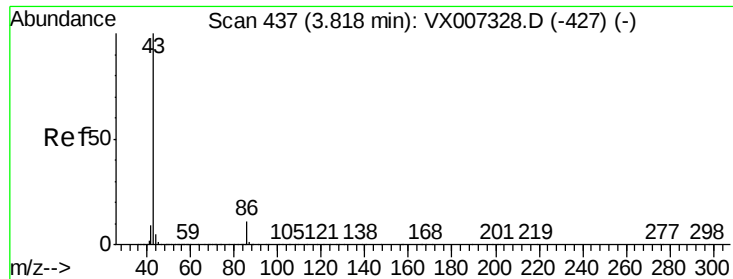
Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Tgt Ion:	45	Resp:	757368
Ion Ratio	Lower	Upper	
45	100		
43	63.9	48.9	73.3
87	29.1	23.9	35.9
59	11.8	9.6	14.4





#23

Vinyl Acetate

Concen: 252.650 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 3299993

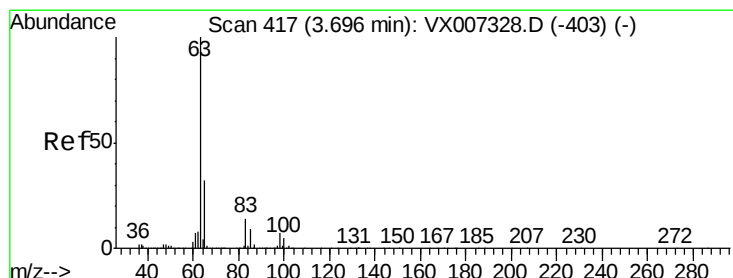
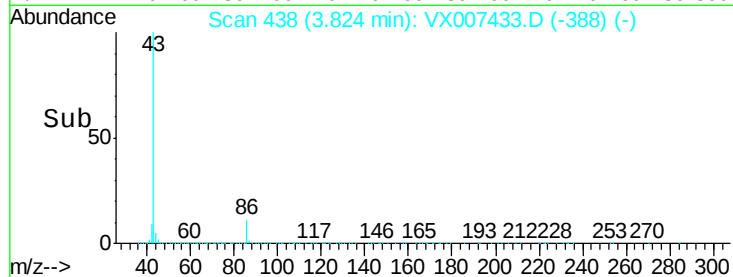
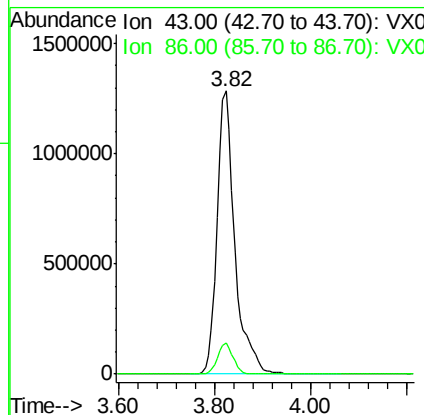
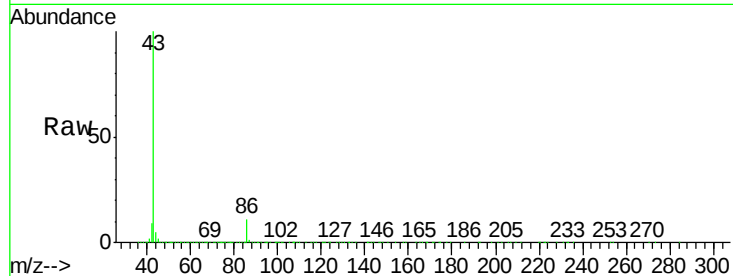
Ion Ratio Lower Upper

43 100

86 10.9 8.7 13.1

Manual Integrations
APPROVED

MMDadoda
2/11/2019 9:37:10 AM



#24

1,1-Dichloroethane

Concen: 48.308 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

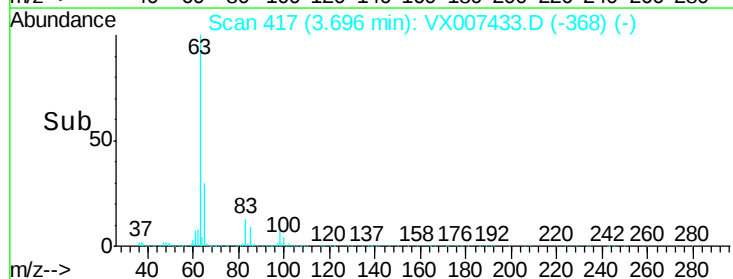
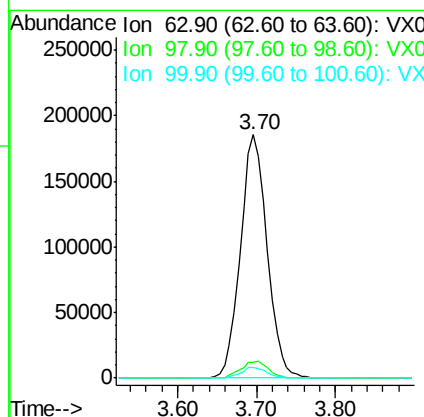
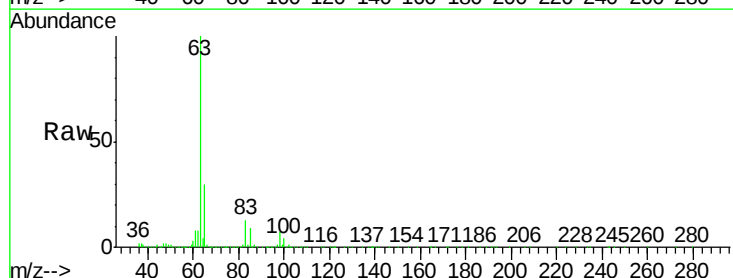
Tgt Ion: 63 Resp: 436668

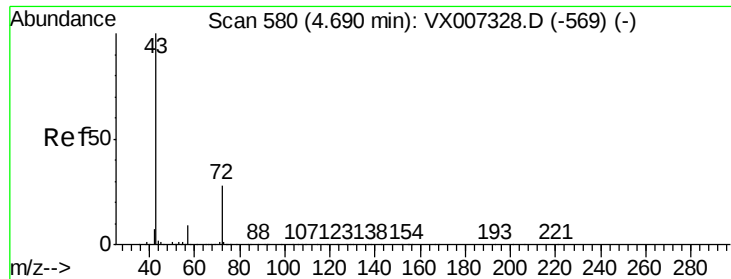
Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.8

100 4.0 2.5 7.4





#25

2-Butanone

Concen: 229.713 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 874259

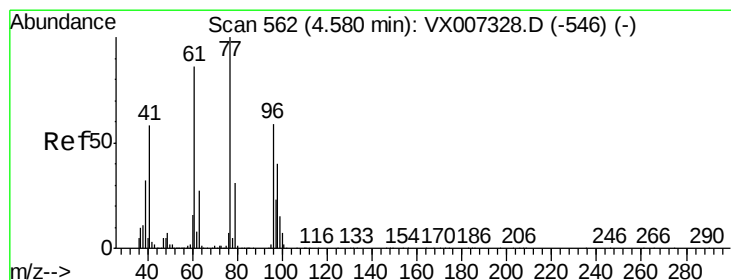
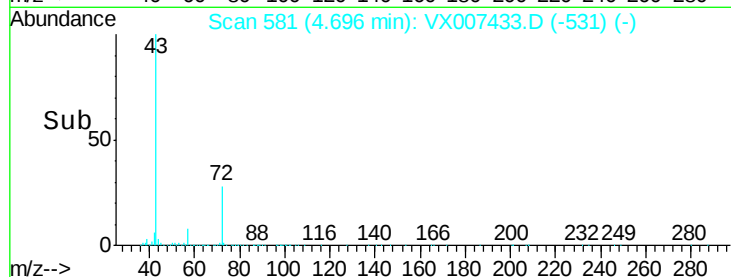
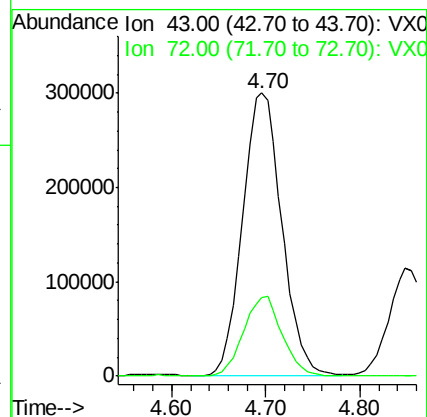
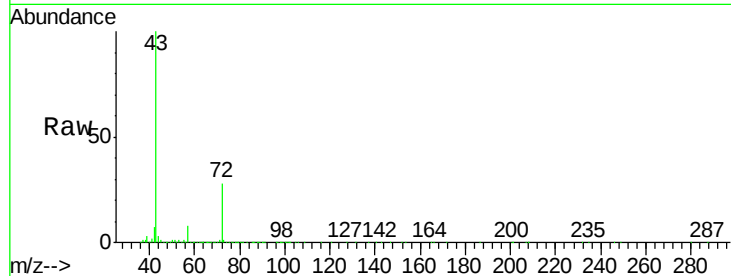
Ion Ratio Lower Upper

43 100

72 27.5 22.2 33.2

Manual Integrations
APPROVED

MMDadoda
2/11/2019 9:37:10 AM



#26

2,2-Dichloropropane

Concen: 47.784 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX007433.D

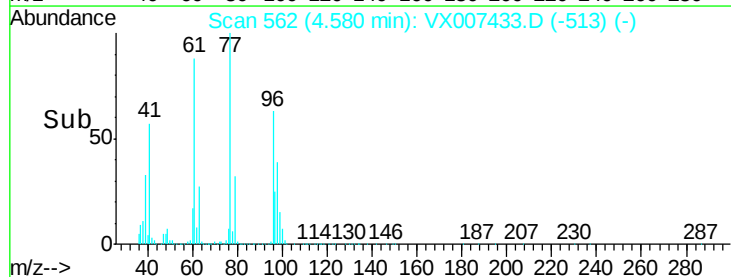
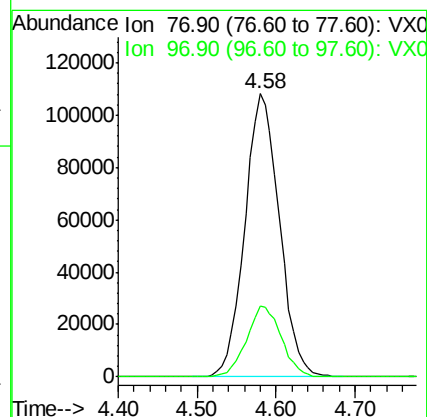
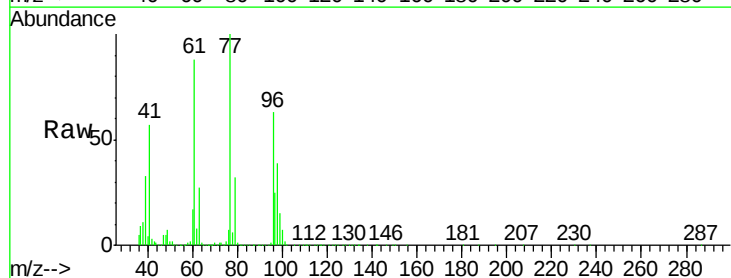
Acq: 08 Feb 2019 10:39

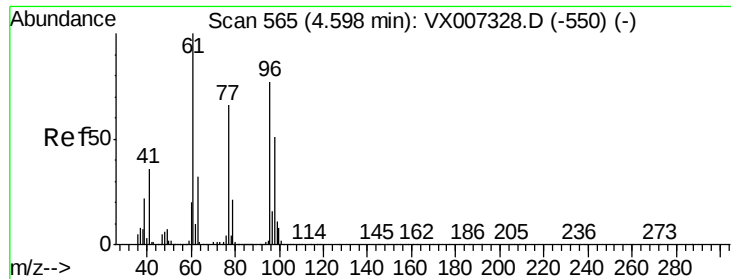
Tgt Ion: 77 Resp: 328935

Ion Ratio Lower Upper

77 100

97 25.3 12.1 36.3





#27

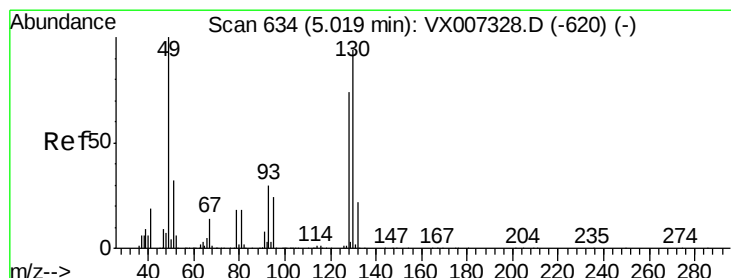
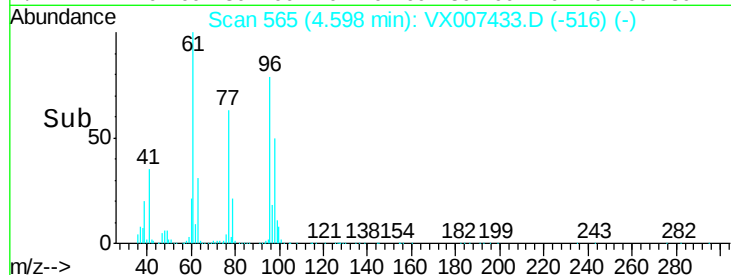
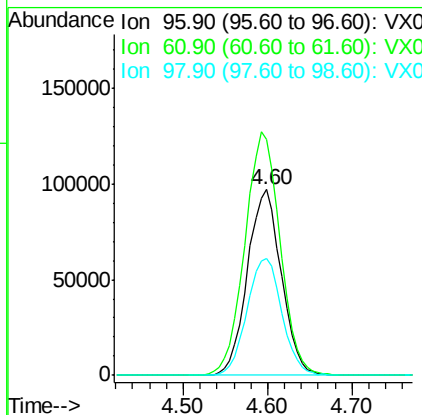
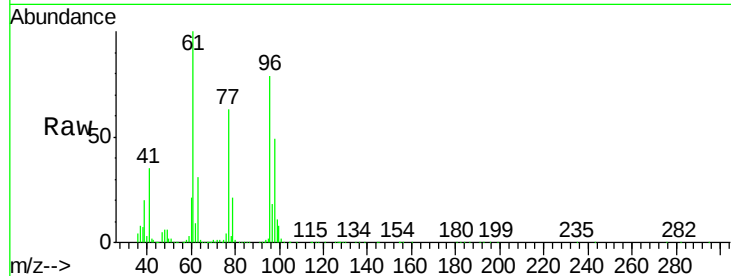
cis-1,2-Dichloroethene
Concen: 43.464 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	265586		
61	136.0	0.0	265.6	
98	64.8	0.0	131.6	

Manual Integrations
APPROVED

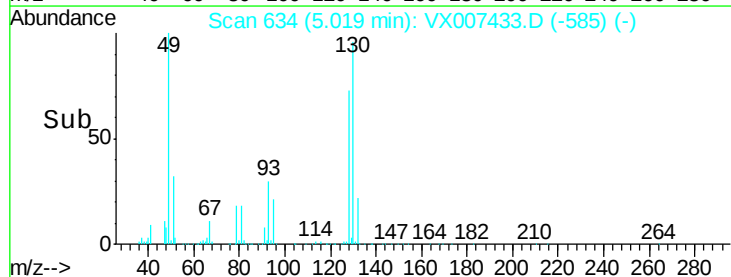
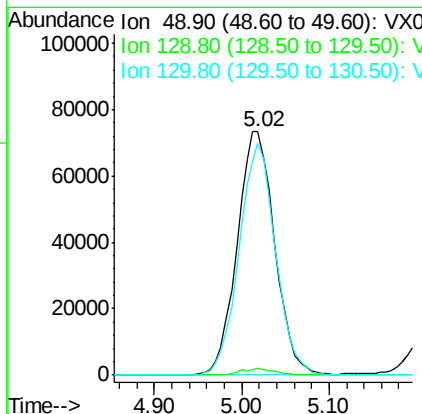
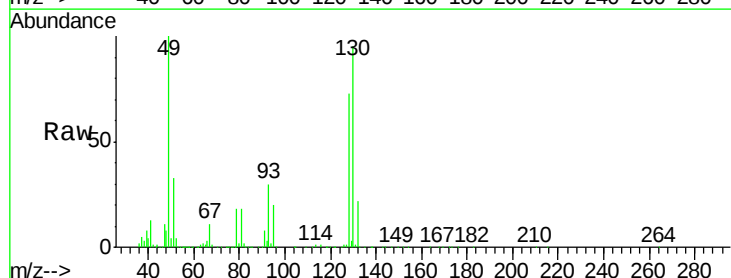
MMDadoda
2/11/2019 9:37:10 AM



#28

Bromochloromethane
Concen: 52.389 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	217772		
129	2.6	0.0	5.6	
130	92.6	75.6	113.4	





#29

Tetrahydrofuran

Concen: 238.664 ug/l

RT: 5.15 min Scan# 655

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

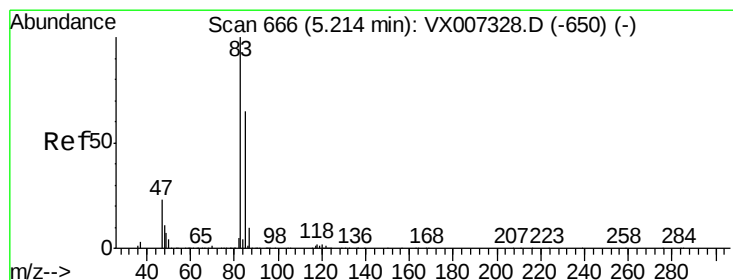
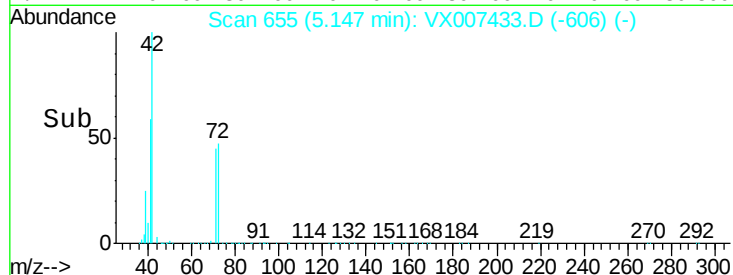
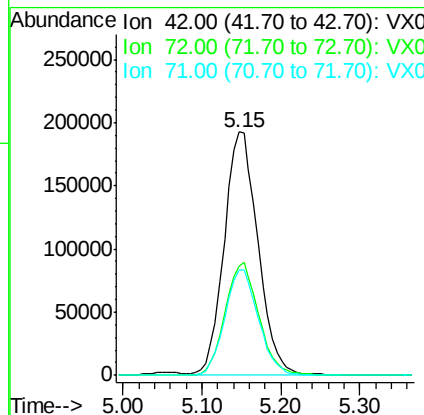
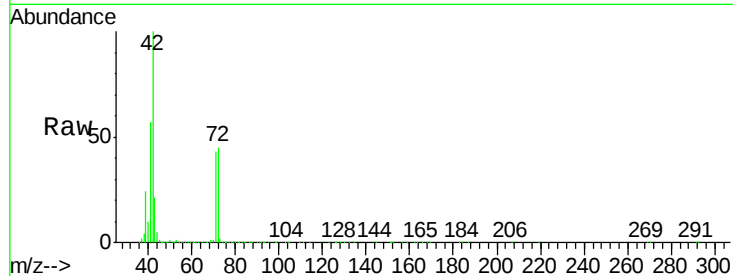
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	571276
Ion Ratio		Lower	Upper
42	100		
72	46.7	37.6	56.4
71	43.6	34.6	51.8

Manual Integrations
APPROVED

MMDadoda
2/11/2019 9:37:10 AM



#30

Chloroform

Concen: 45.750 ug/l

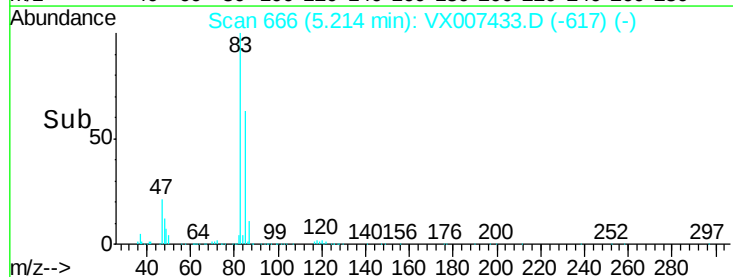
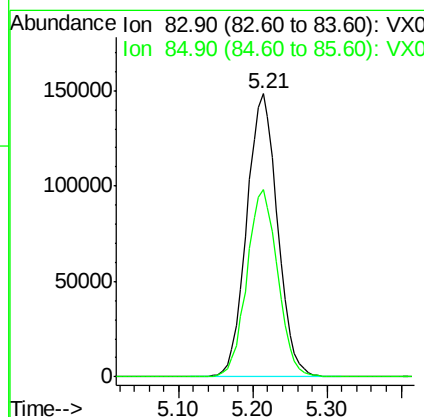
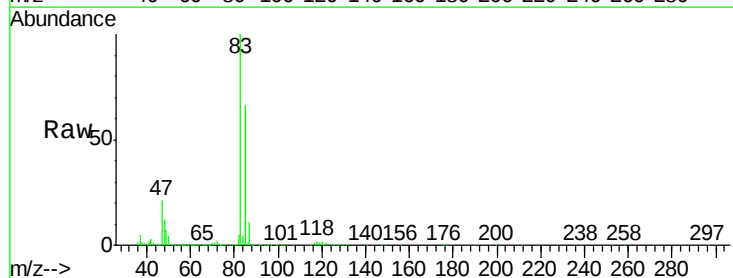
RT: 5.21 min Scan# 666

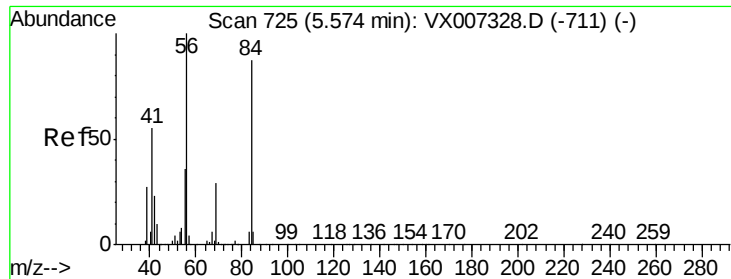
Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Tgt Ion:	83	Resp:	431523
Ion Ratio		Lower	Upper
83	100		
85	66.0	51.6	77.4





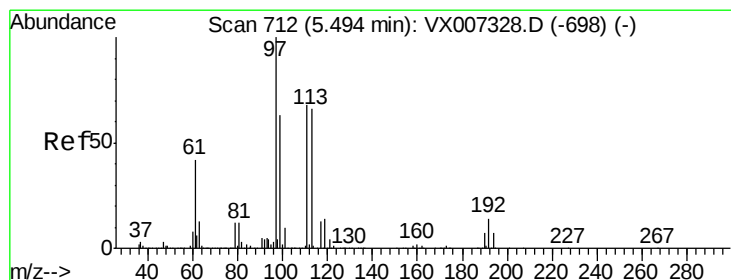
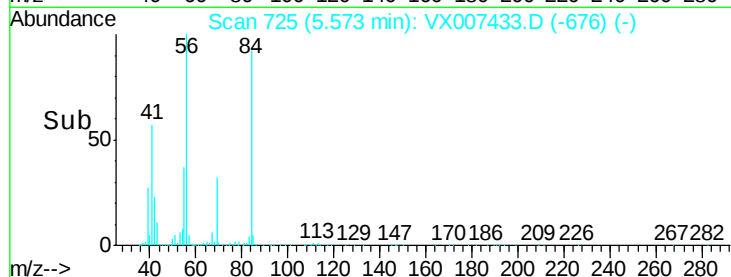
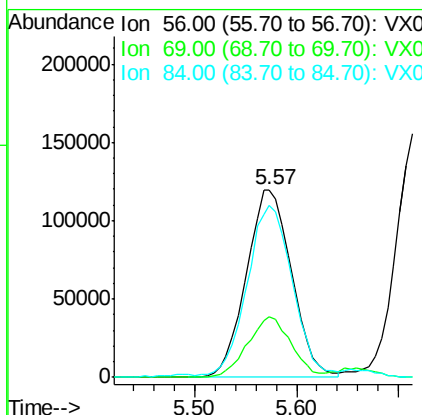
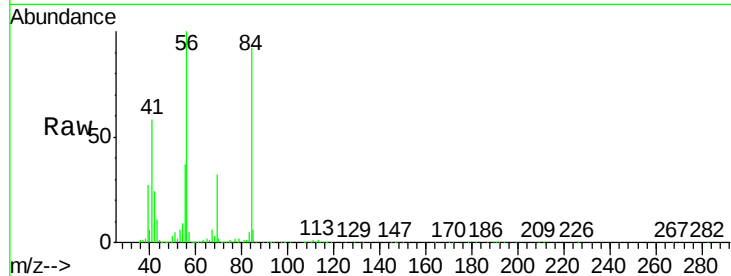
#31
Cyclohexane
Concen: 45.407 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.3	23.0	34.6
84	90.1	69.8	104.6

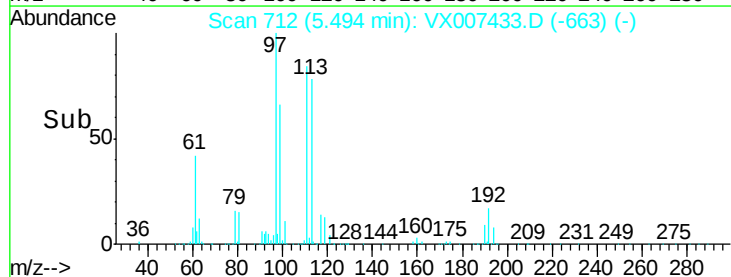
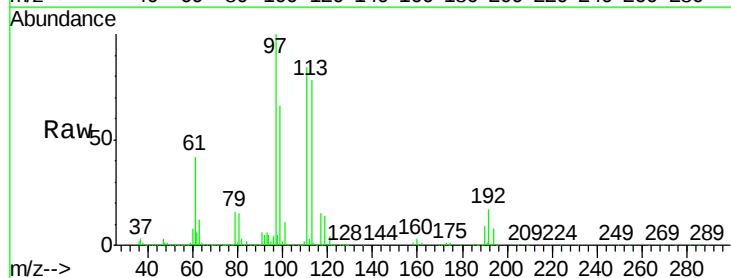
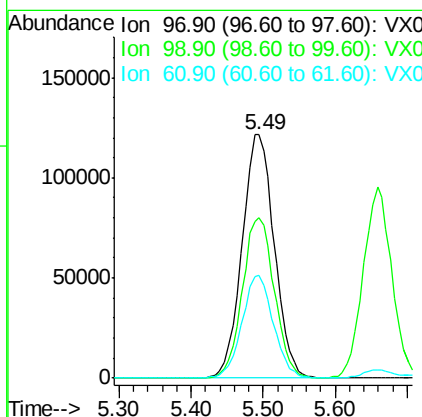
Manual Integrations
APPROVED

MMDadoda
2/11/2019 9:37:10 AM



#32
1,1,1-Trichloroethane
Concen: 47.372 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.5	52.2	78.2
61	41.0	32.7	49.1





#33

1,2-Dichloroethane-d4

Concen: 53.831 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 314277

Ion Ratio Lower Upper

65 100

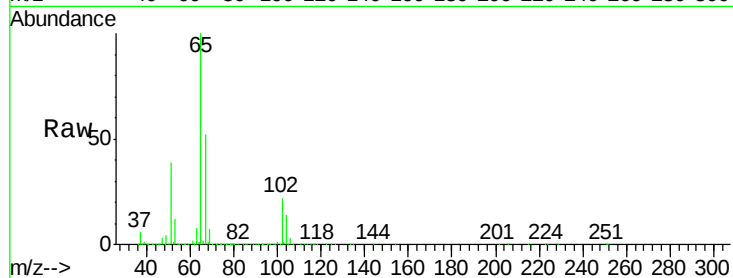
67 53.8 0.0 108.8

Manual Integrations

APPROVED

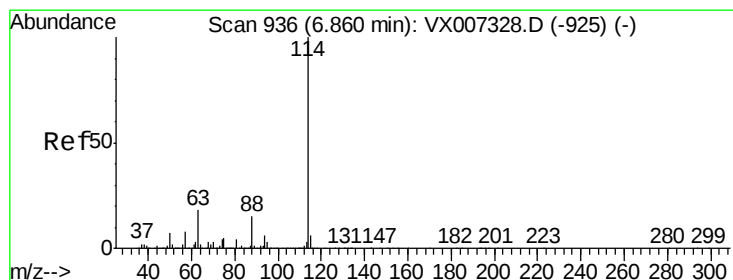
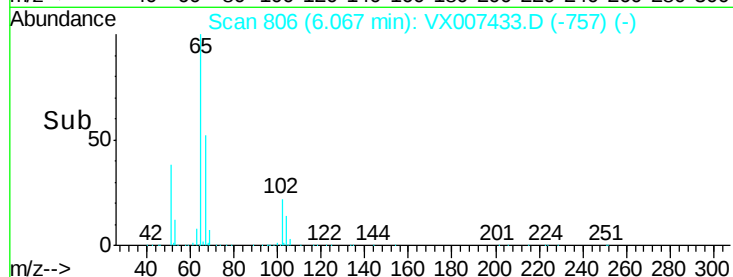
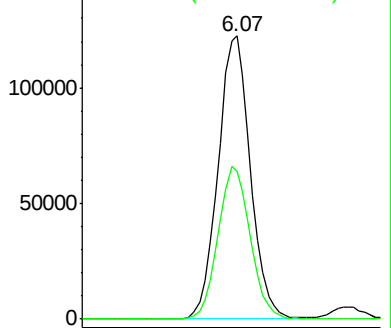
MMDadoda

2/11/2019 9:37:10 AM



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

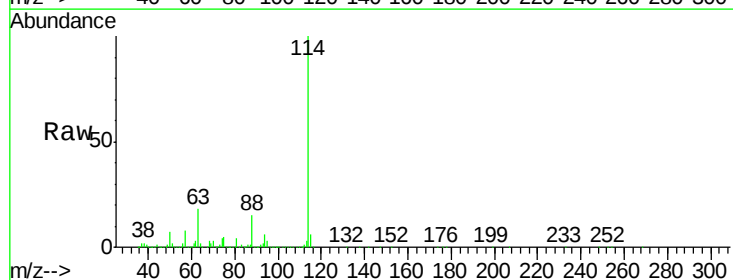
Tgt Ion: 114 Resp: 774945

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.6

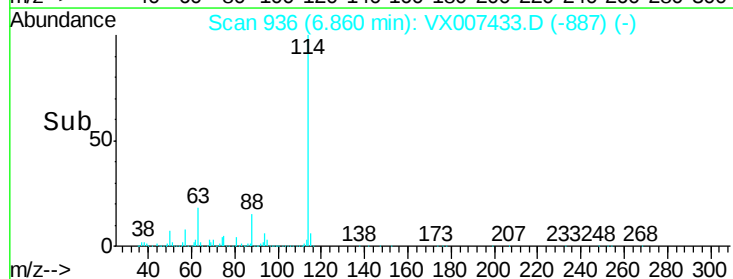
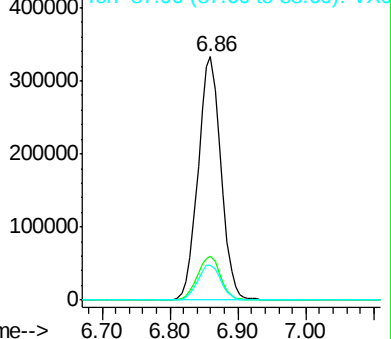
88 14.5 0.0 29.6

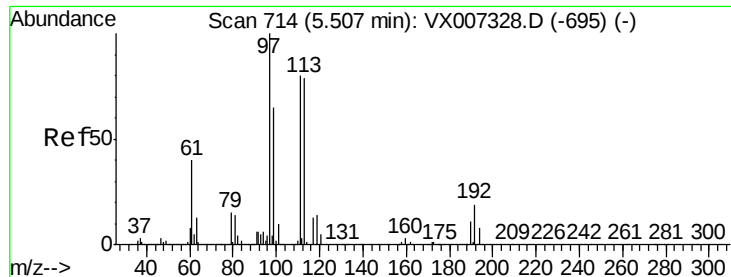


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 56.979 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

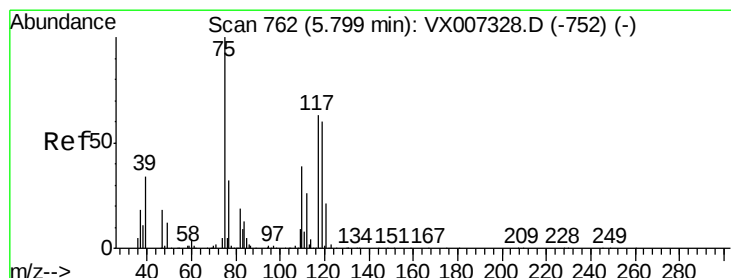
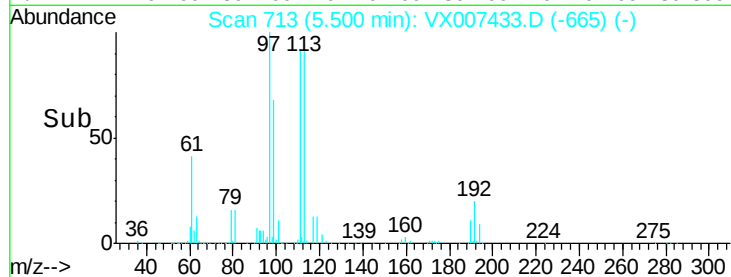
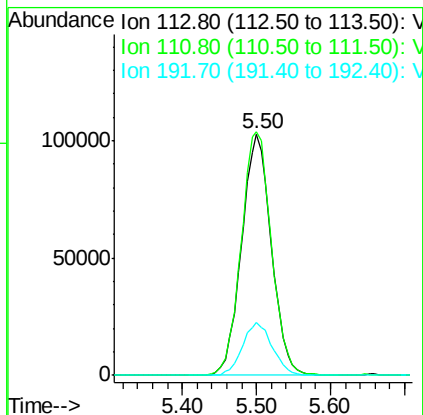
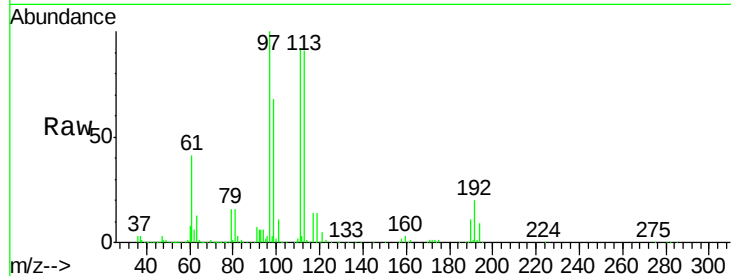
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	287306
Ion Ratio	Lower	Upper	
113	100		
111	102.8	81.8	122.8
192	22.1	18.5	27.7

Manual Integrations
APPROVED

MMDadoda
2/11/2019 9:37:10 AM



#36

1,1-Dichloropropene

Concen: 45.804 ug/l

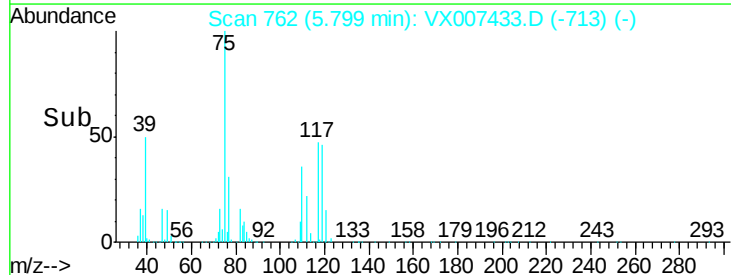
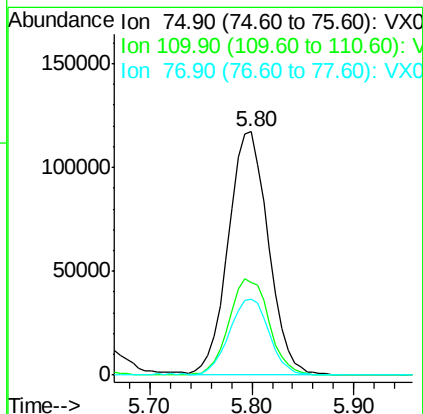
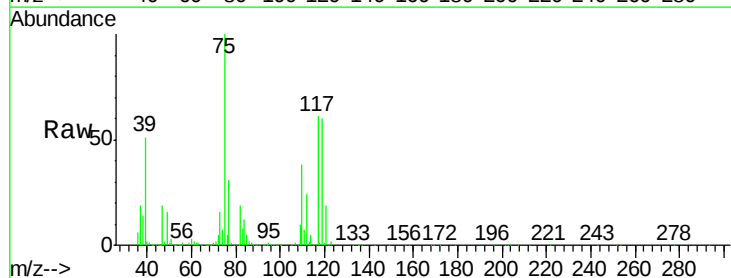
RT: 5.80 min Scan# 762

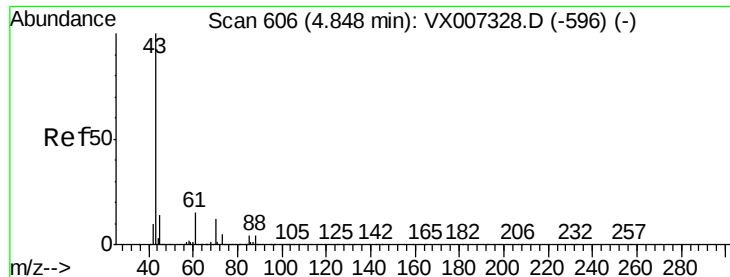
Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Tgt Ion:	75	Resp:	318481
Ion Ratio	Lower	Upper	
75	100		
110	39.8	20.0	59.9
77	31.1	24.7	37.1





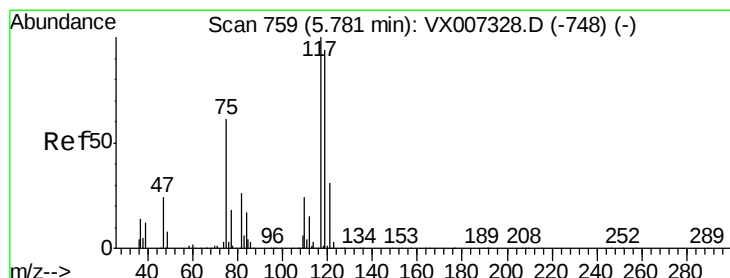
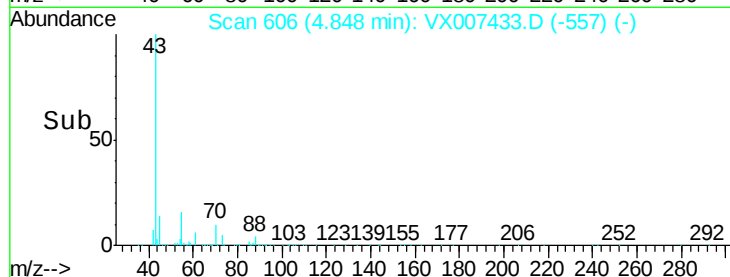
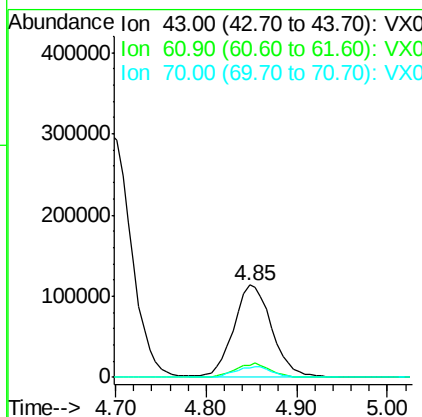
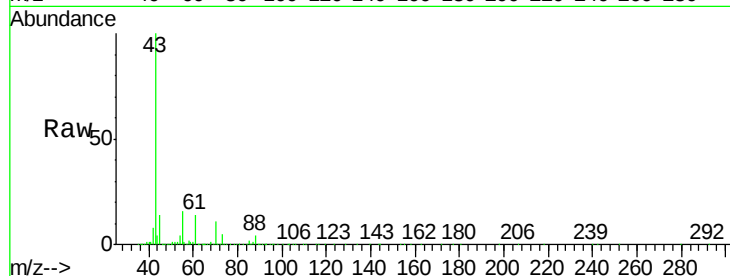
#37
Ethyl Acetate
Concen: 46.862 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.3	16.9
70	11.3	8.6	13.0

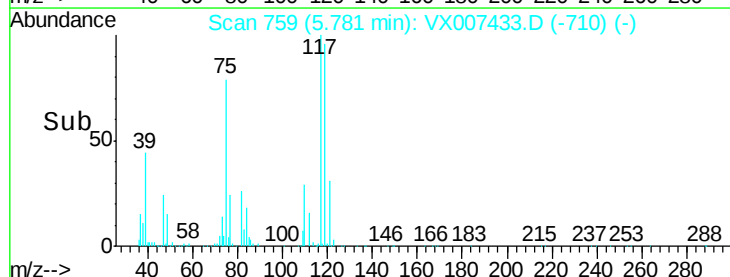
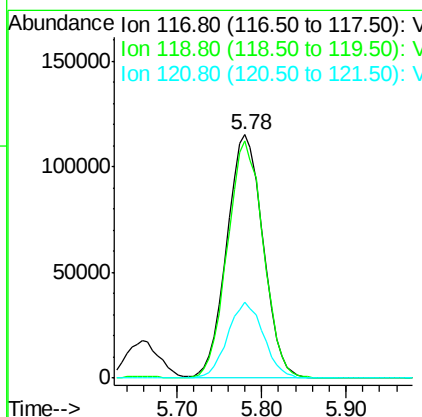
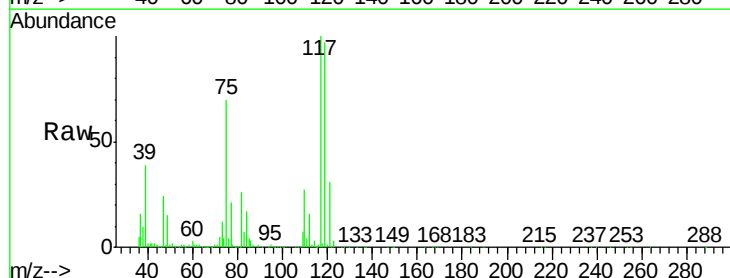
Manual Integrations
APPROVED

MMDadoda
2/11/2019 9:37:10 AM



#38
Carbon Tetrachloride
Concen: 49.918 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	75.3	112.9
121	31.1	25.0	37.4





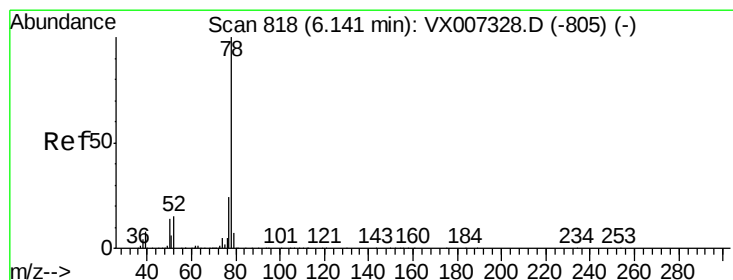
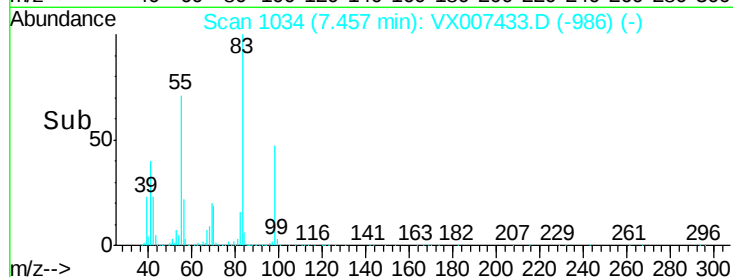
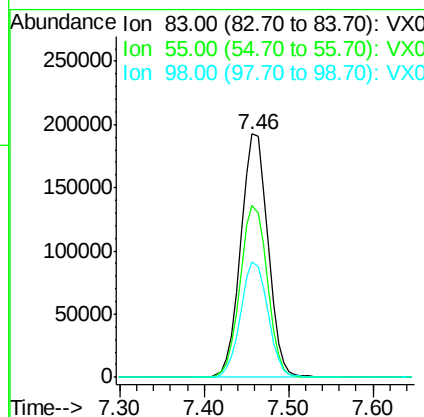
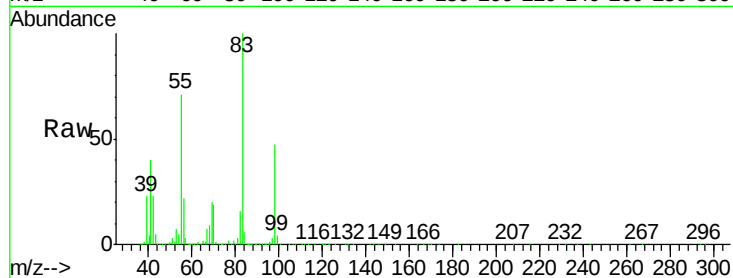
#39
Methvlcvclohexane
Concen: 49.520 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.6	56.2	84.2
98	47.3	36.8	55.2

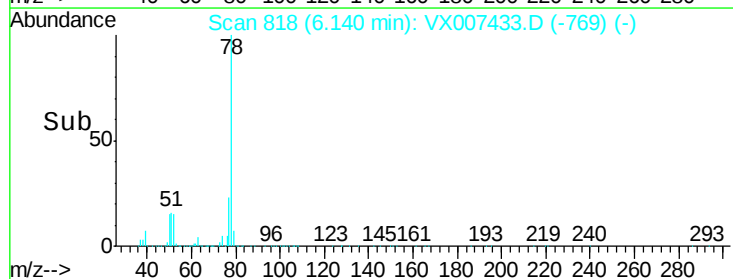
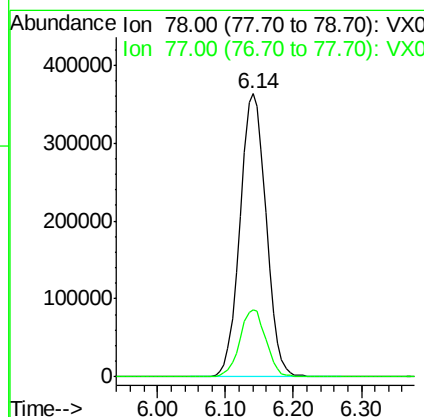
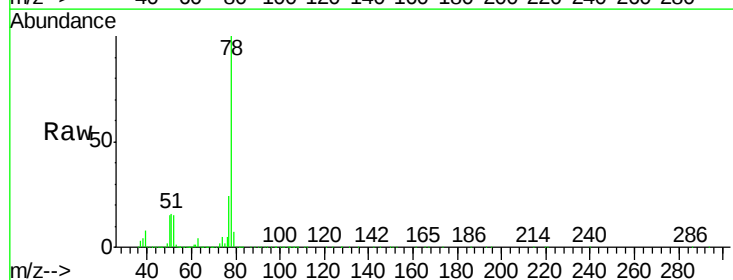
Manual Integrations
APPROVED

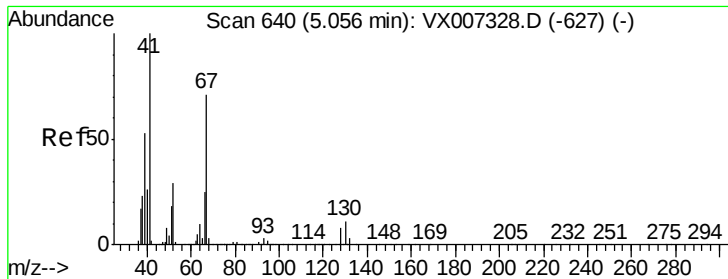
MMDadoda
2/11/2019 9:37:10 AM



#40
Benzene
Concen: 47.161 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.3	28.9





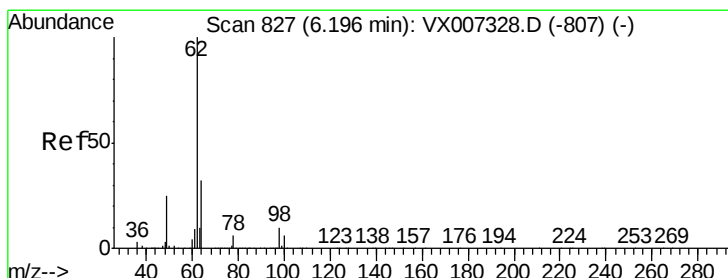
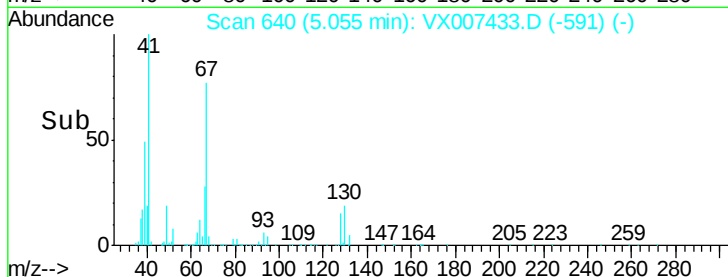
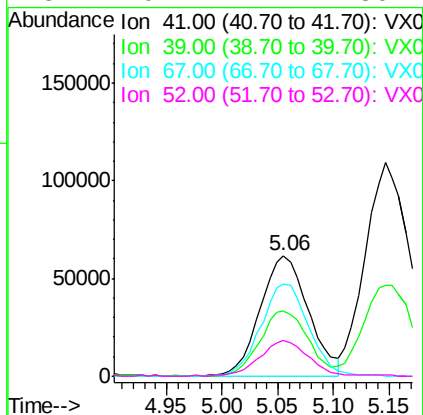
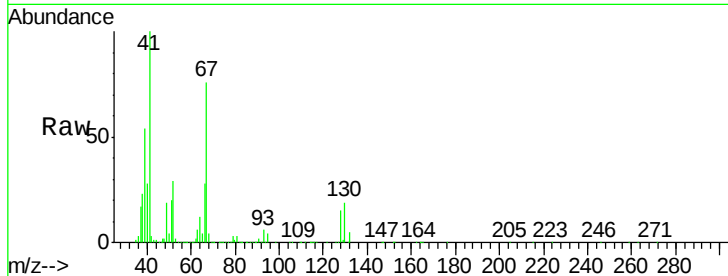
#41
Methacrylonitrile
Concen: 49.227 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		185439		
39	53.2	44.5	66.7		
67	76.5	60.4	90.6		
52	29.2	24.1	36.1		

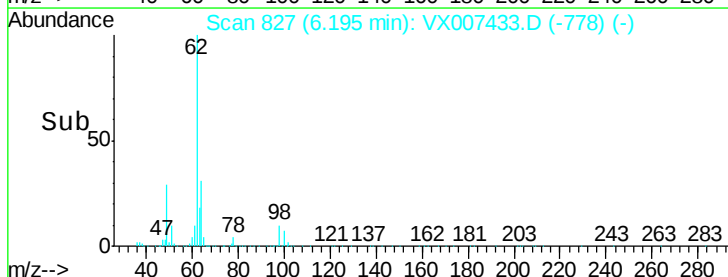
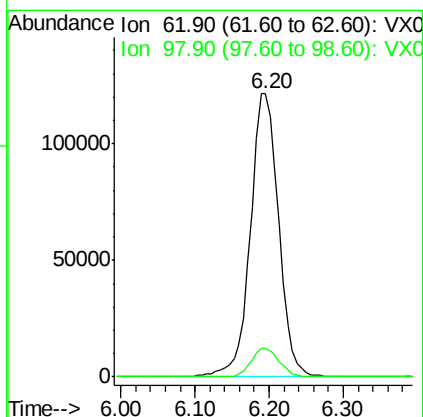
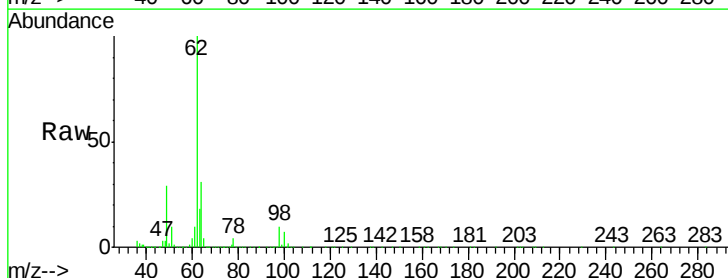
Manual Integrations
APPROVED

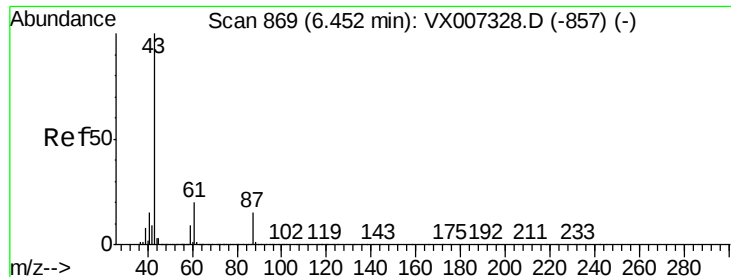
MMDadoda
2/11/2019 9:37:10 AM



#42
1,2-Dichloroethane
Concen: 45.445 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		322047		
98	10.3	0.0	19.0		





#43

Isopropyl Acetate

Concen: 48.931 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

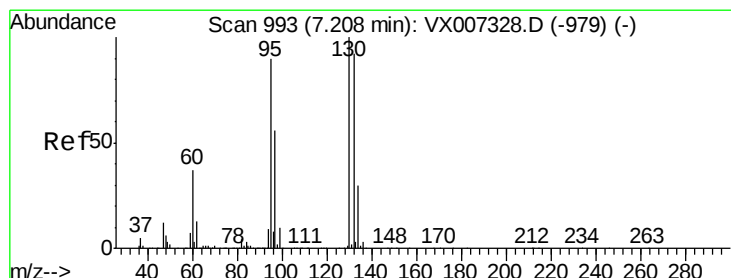
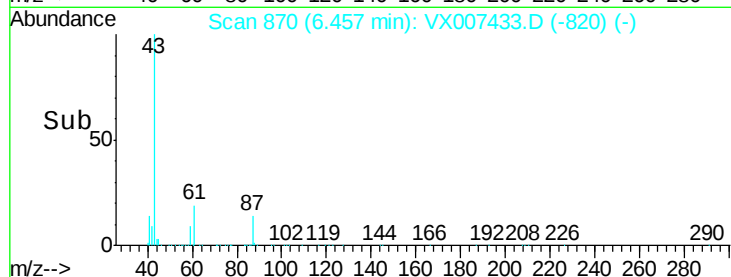
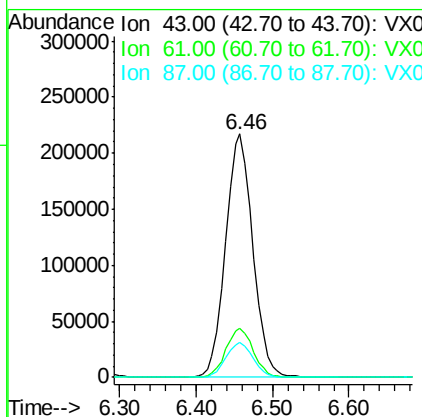
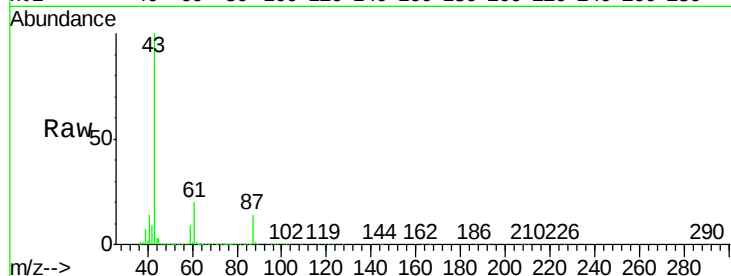
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	530854
Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.1	24.1
87	14.5	11.5	17.3

Manual Integrations
APPROVED

MMDadoda
2/11/2019 9:37:10 AM



#44

Trichloroethene

Concen: 46.223 ug/l

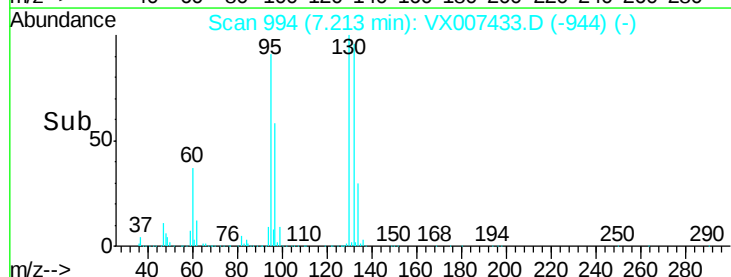
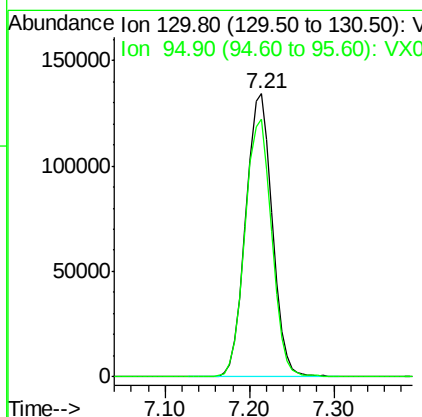
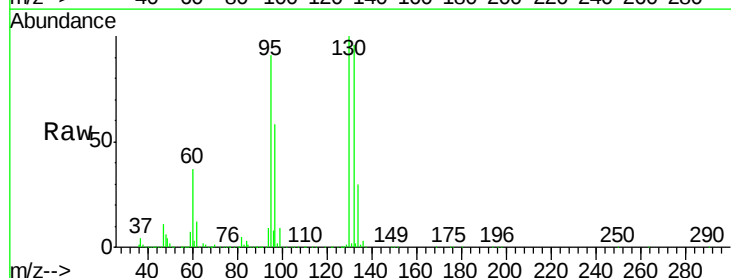
RT: 7.21 min Scan# 994

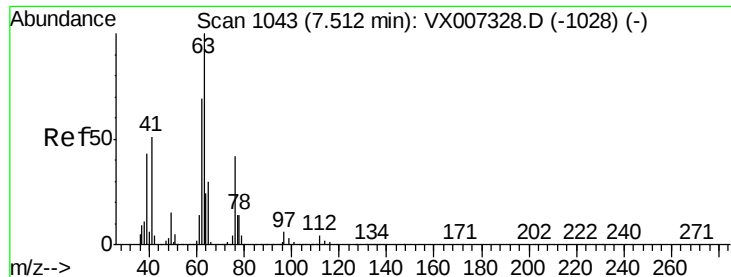
Delta R.T. 0.01 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Tgt Ion:	130	Resp:	285132
Ion	Ratio	Lower	Upper
130	100		
95	91.1	0.0	180.0





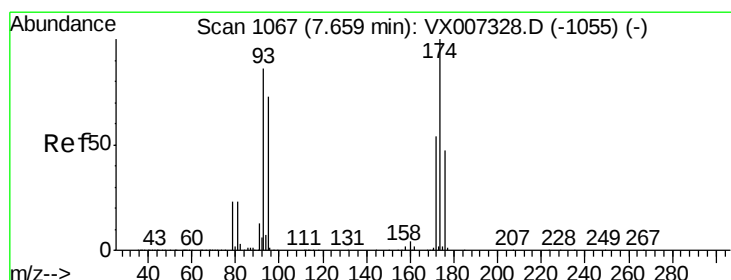
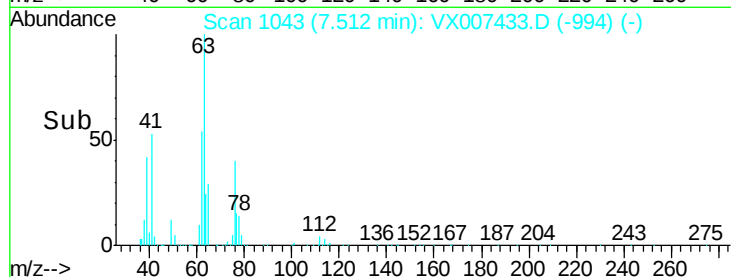
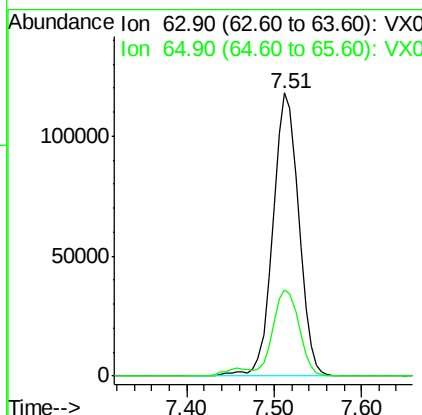
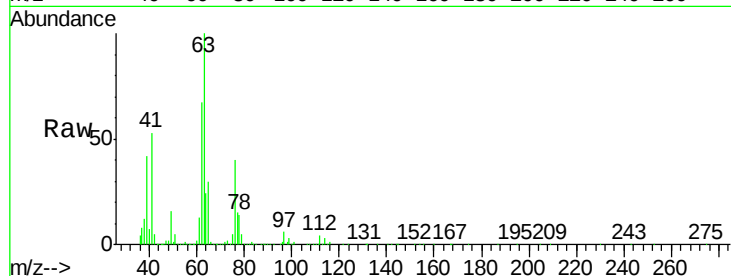
#45
 1,2-Dichloropropane
 Concen: 47.323 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX007433.D
 Acq: 08 Feb 2019 10:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.2	24.2	36.2

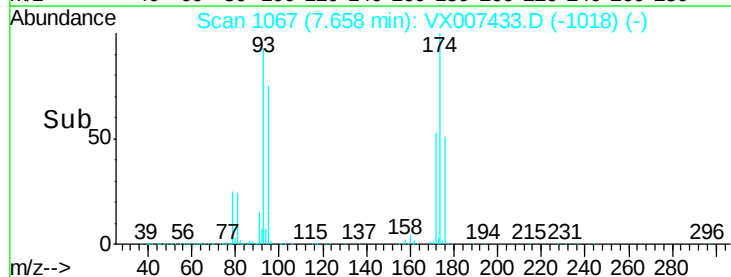
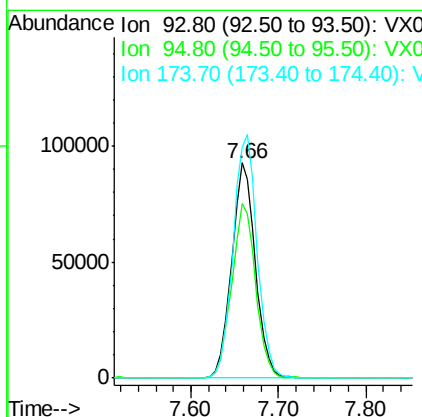
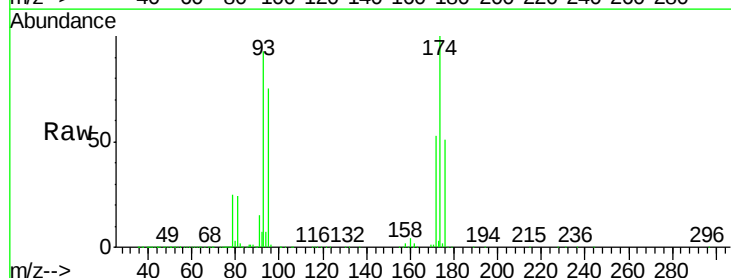
Manual Integrations
 APPROVED

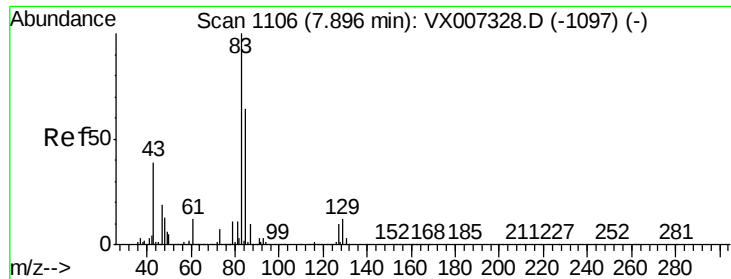
MMDadoda
 2/11/2019 9:37:10 AM



#46
 Dibromomethane
 Concen: 46.900 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX007433.D
 Acq: 08 Feb 2019 10:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.6	67.6	101.4
174	115.1	94.2	141.4





#47

Bromodichloromethane

Concen: 49.505 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

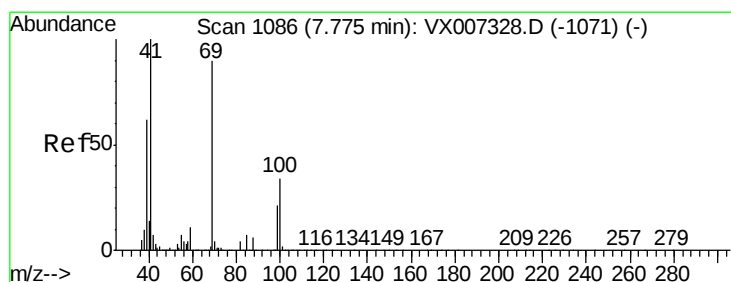
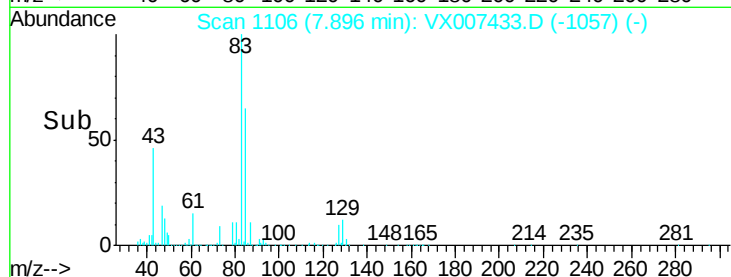
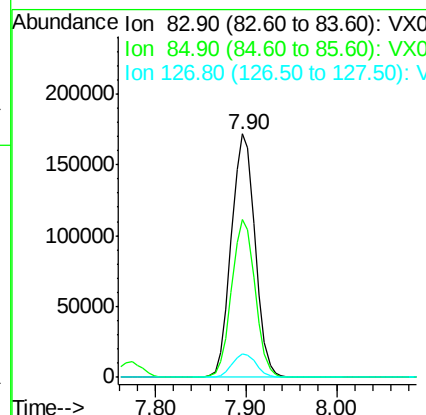
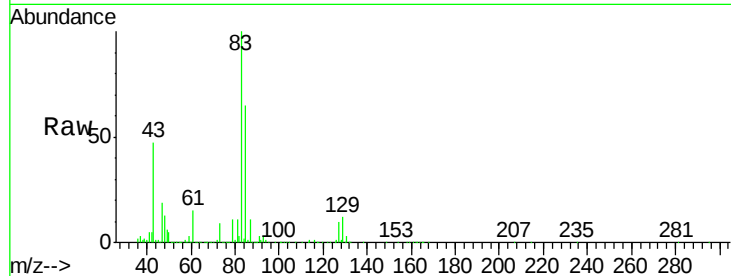
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	312928
Ion Ratio	Lower	Upper	
83	100		
85	65.0	51.4	77.0
127	9.7	8.1	12.1

Manual Integrations
APPROVED

MMDadoda
2/11/2019 9:37:10 AM



#48

Methyl methacrylate

Concen: 50.049 ug/l

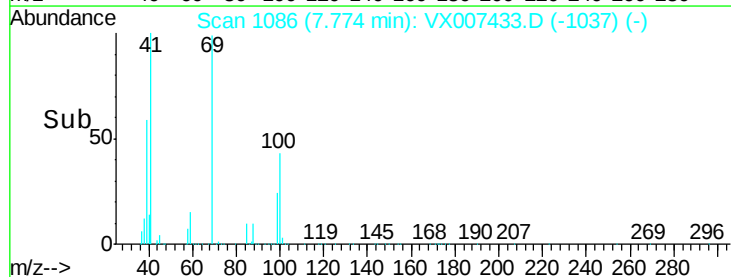
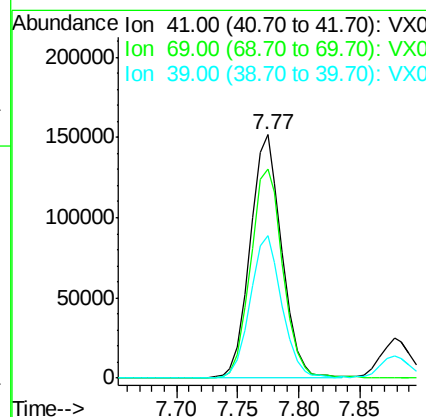
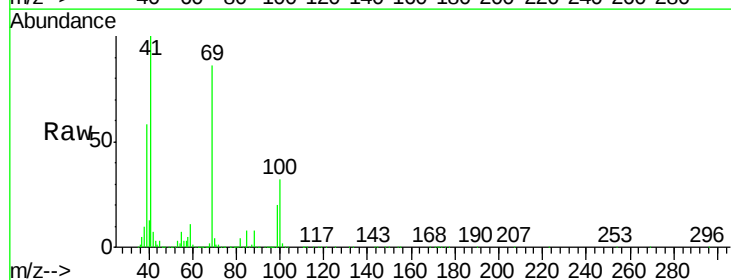
RT: 7.77 min Scan# 1086

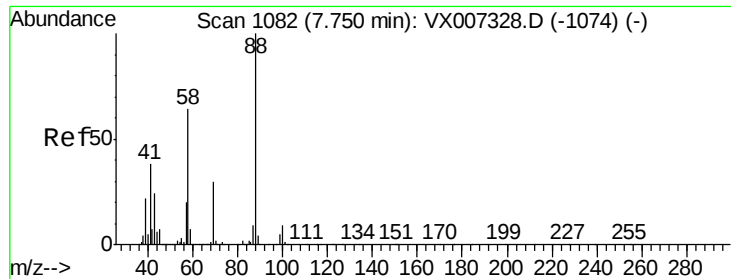
Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Tgt Ion:	41	Resp:	271597
Ion Ratio	Lower	Upper	
41	100		
69	88.4	70.2	105.4
39	58.9	47.4	71.0





#49

1,4-Dioxane

Concen: 963.240 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

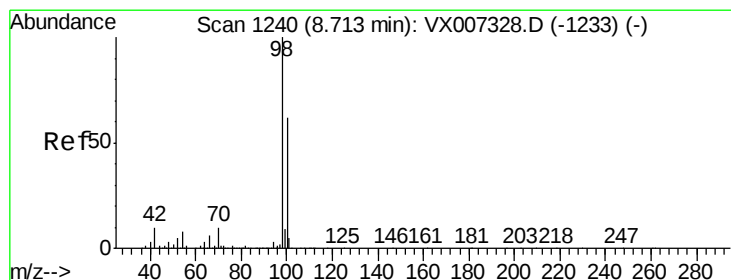
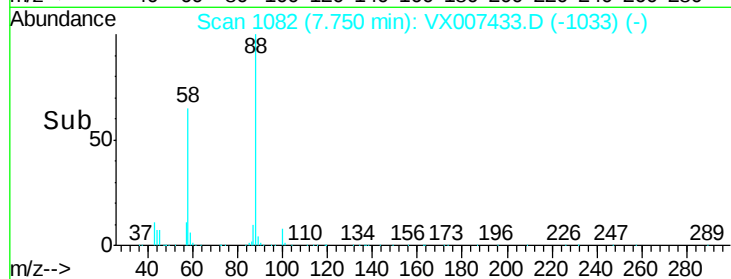
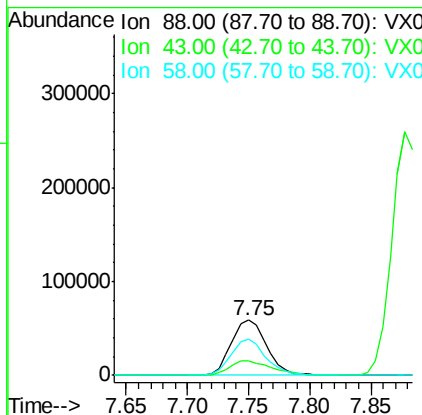
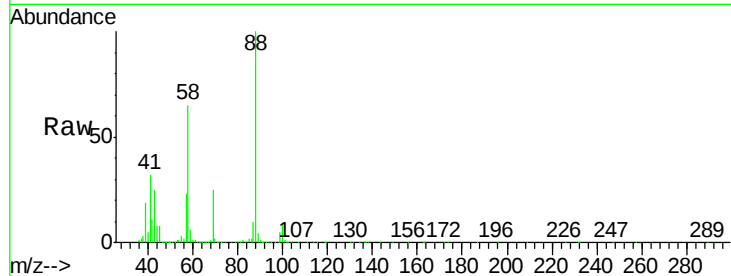
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	118843
Ion	Ratio	Lower	Upper
88	100		
43	29.5	24.2	36.4
58	64.0	53.0	79.4

Manual Integrations
APPROVED

MMDadoda
2/11/2019 9:37:10 AM



#50

Toluene-d8

Concen: 57.109 ug/l

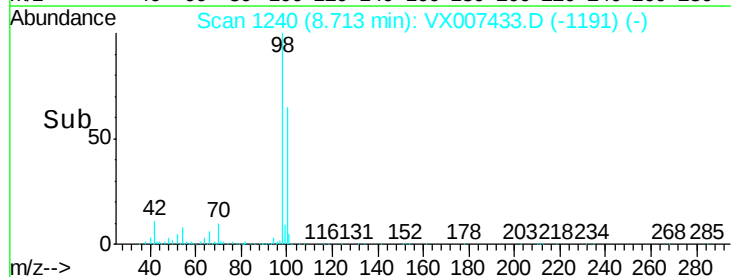
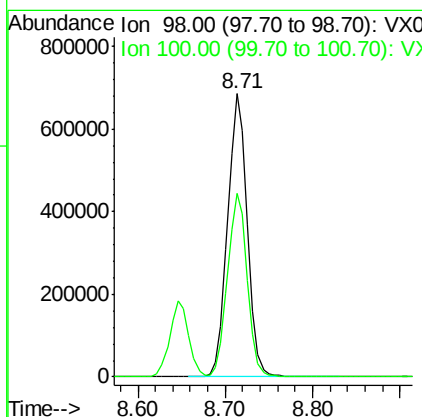
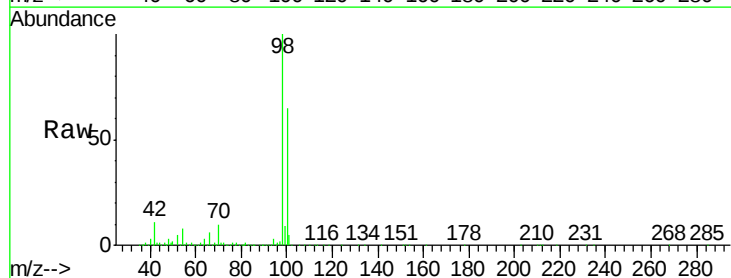
RT: 8.71 min Scan# 1240

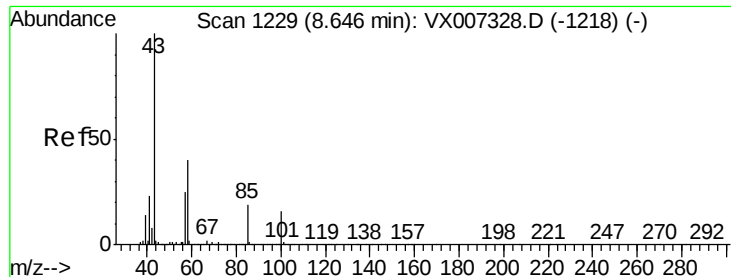
Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Tgt Ion:	98	Resp:	1068378
Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 240.099 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1714766

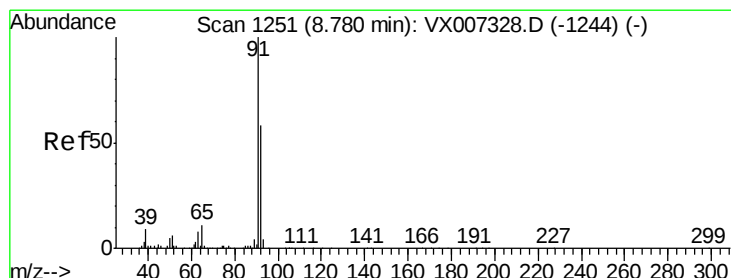
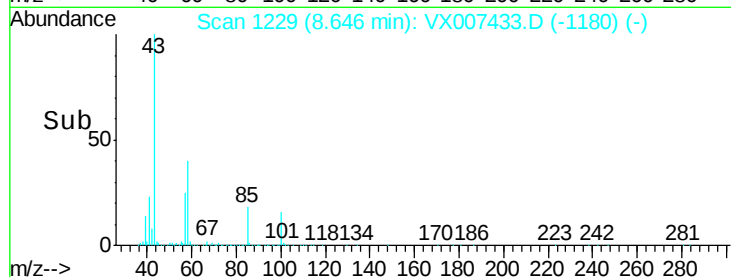
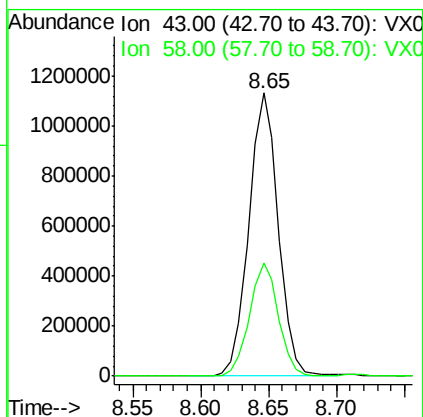
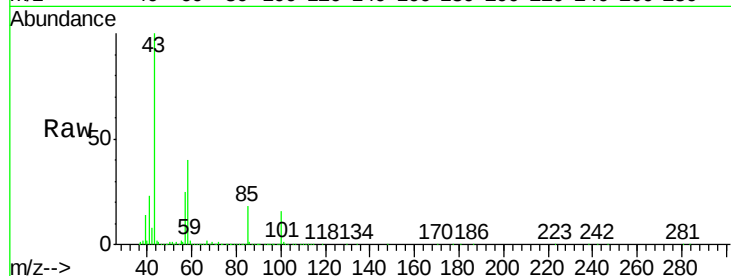
Ion Ratio Lower Upper

43 100

58 39.4 31.2 46.8

Manual Integrations
APPROVED

MMDadoda
2/11/2019 9:37:10 AM



#52

Toluene

Concen: 47.581 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX007433.D

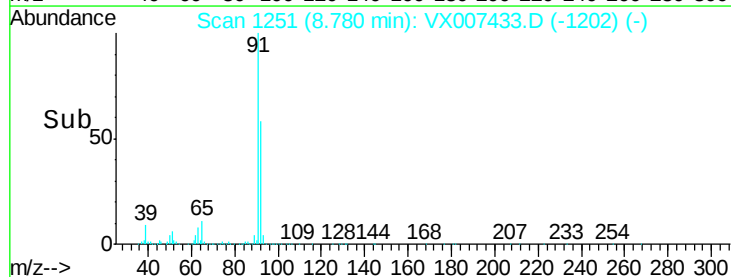
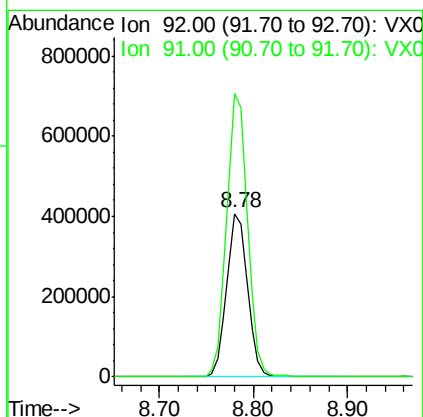
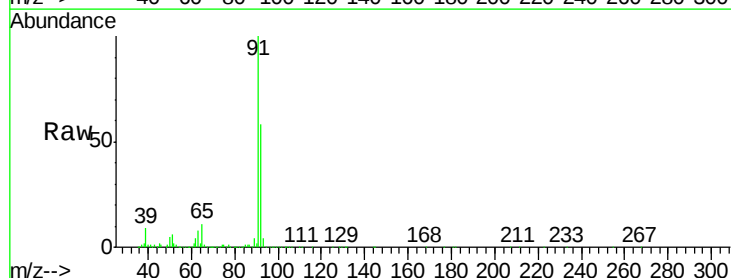
Acq: 08 Feb 2019 10:39

Tgt Ion: 92 Resp: 628767

Ion Ratio Lower Upper

92 100

91 174.2 139.1 208.7





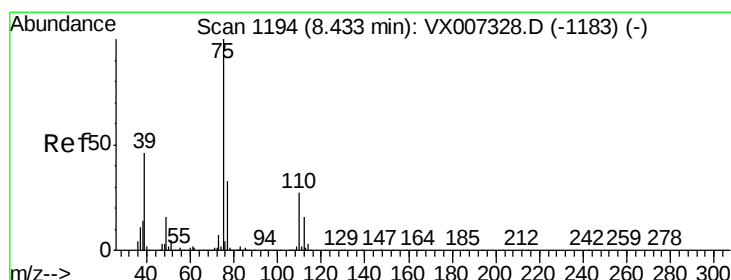
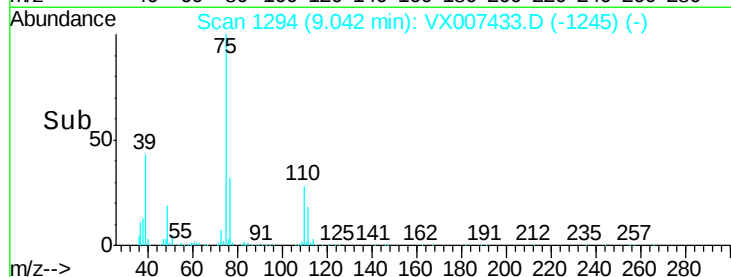
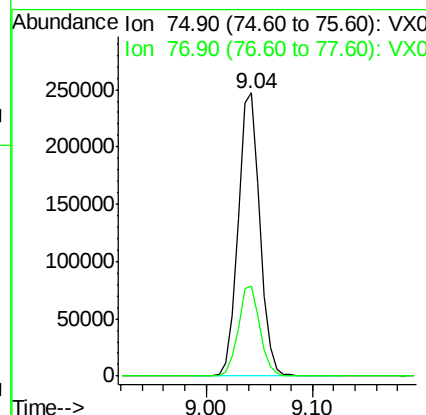
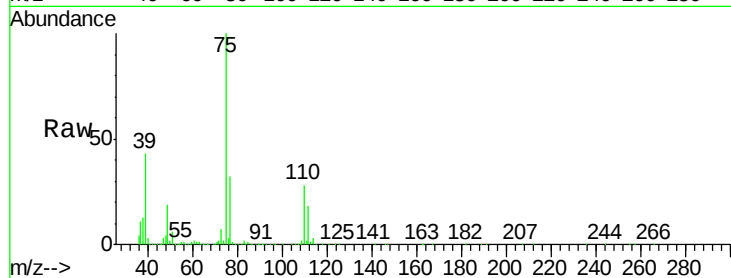
#53
t-1,3-Dichloropropene
Concen: 51.947 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 352714
Ion Ratio Lower Upper
75 100
77 31.7 25.2 37.8

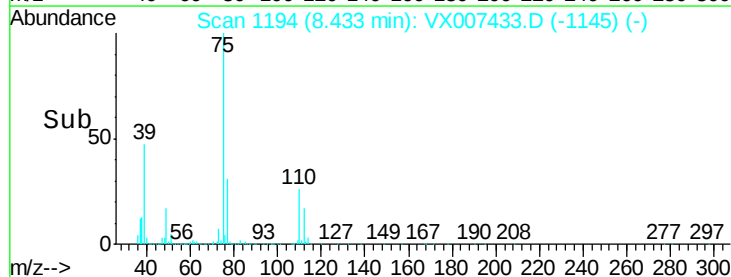
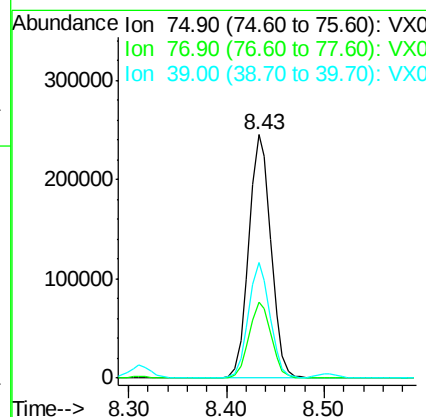
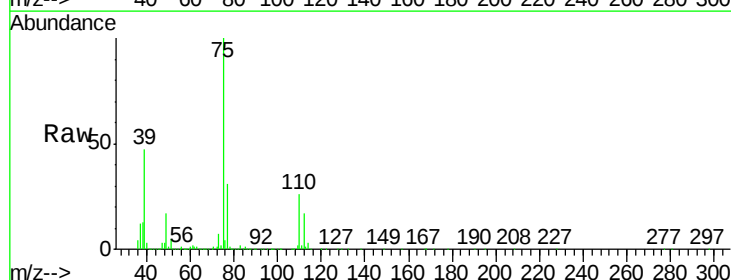
Manual Integrations
APPROVED

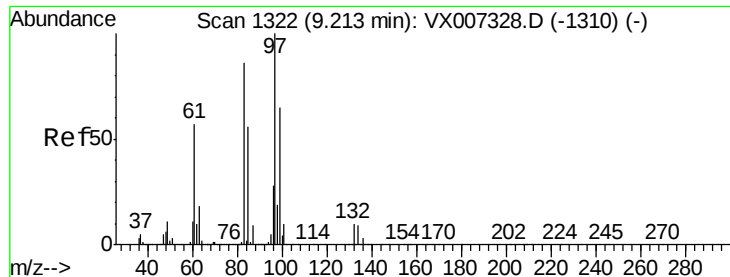
MMDadoda
2/11/2019 9:37:10 AM



#54
cis-1,3-Dichloropropene
Concen: 51.573 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Tgt Ion: 75 Resp: 385088
Ion Ratio Lower Upper
75 100
77 31.3 26.2 39.4
39 47.2 37.1 55.7





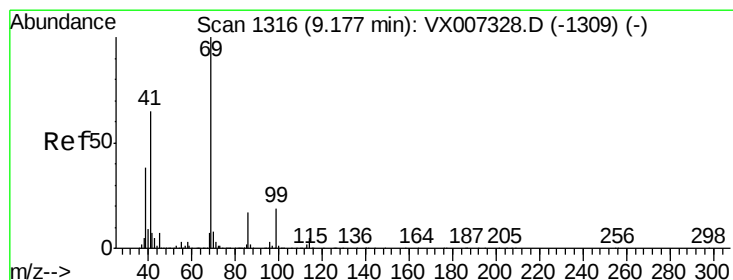
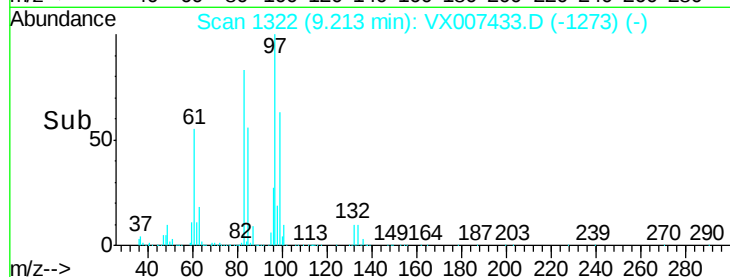
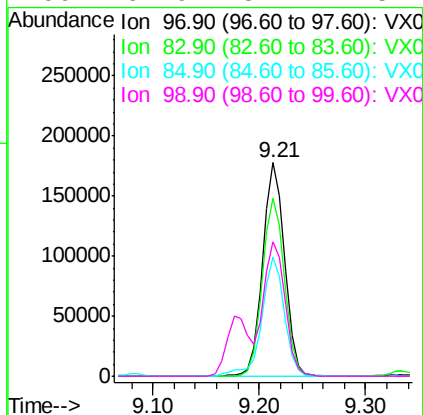
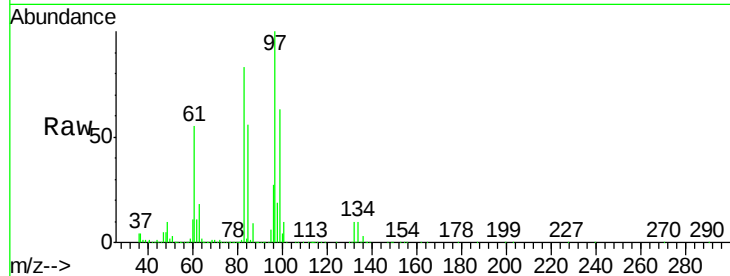
#55
 1,1,2-Trichloroethane
 Concen: 46.838 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007433.D
 Acq: 08 Feb 2019 10:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		258001		
83	83.2	68.6	102.8		
85	55.5	44.5	66.7		
99	62.9	52.2	78.4		

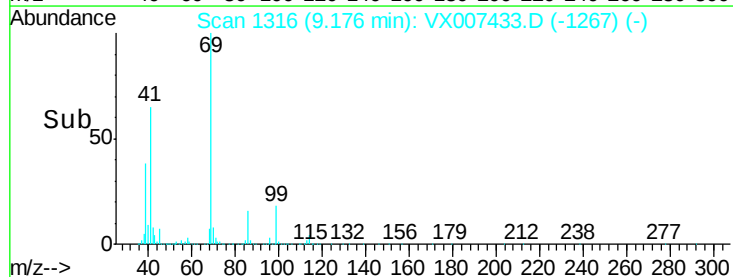
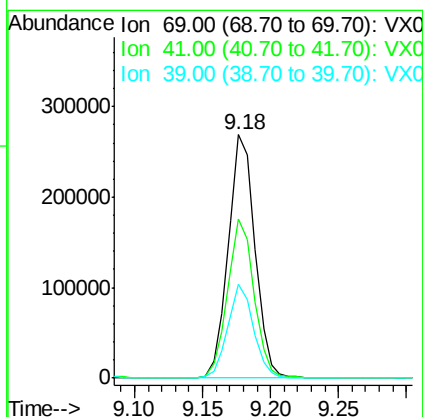
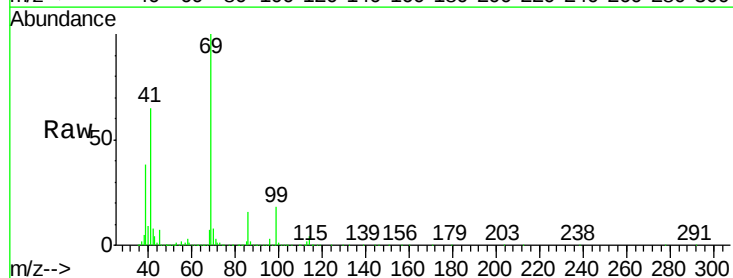
Manual Integrations
 APPROVED

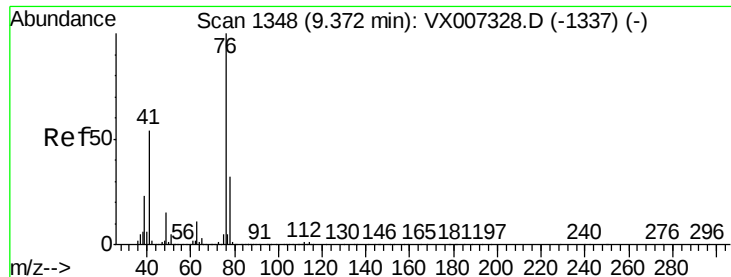
MMDadoda
 2/11/2019 9:37:10 AM



#56
 Ethyl methacrylate
 Concen: 48.142 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX007433.D
 Acq: 08 Feb 2019 10:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		367283		
41	65.1	52.1	78.1		
39	37.2	30.1	45.1		





#57

1,3-Dichloropropane

Concen: 47.184 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 413330

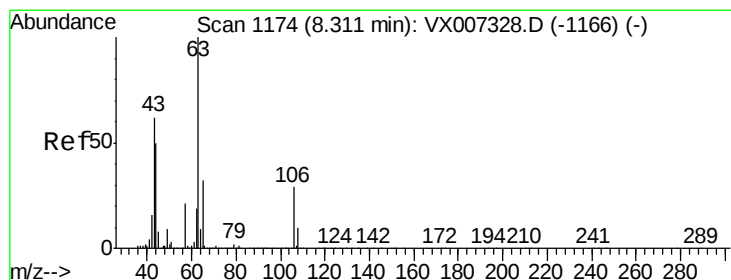
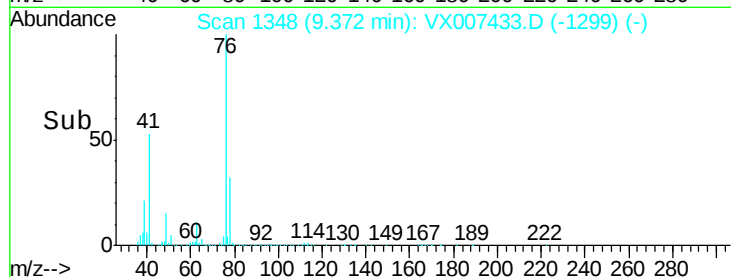
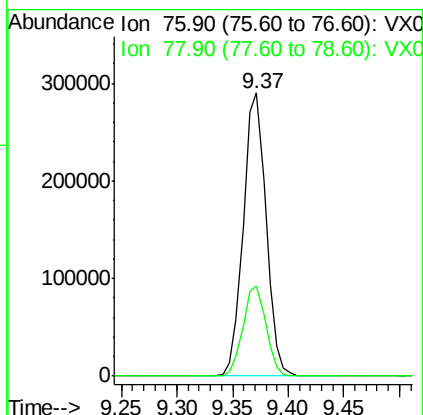
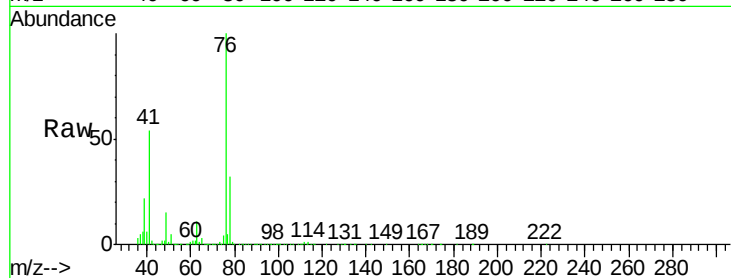
Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8

Manual Integrations
APPROVED

MMDadoda
2/11/2019 9:37:10 AM



#58

2-Chloroethyl Vinyl ether

Concen: 229.066 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007433.D

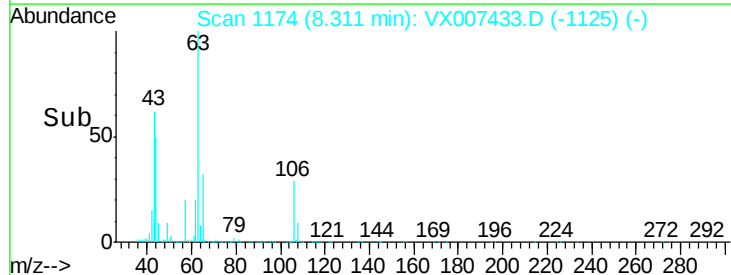
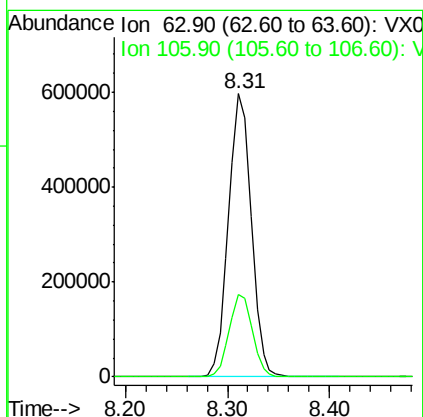
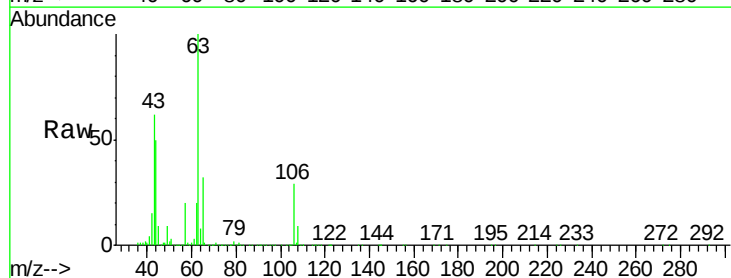
Acq: 08 Feb 2019 10:39

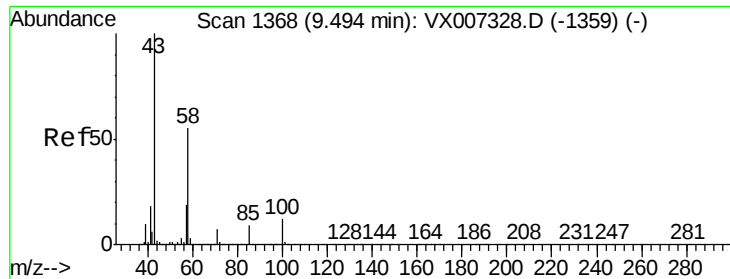
Tgt Ion: 63 Resp: 921126

Ion Ratio Lower Upper

63 100

106 29.6 23.6 35.4





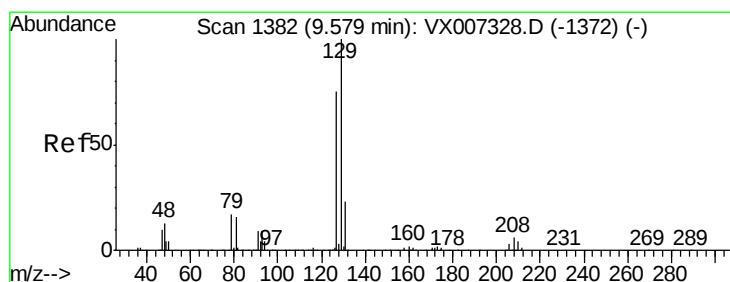
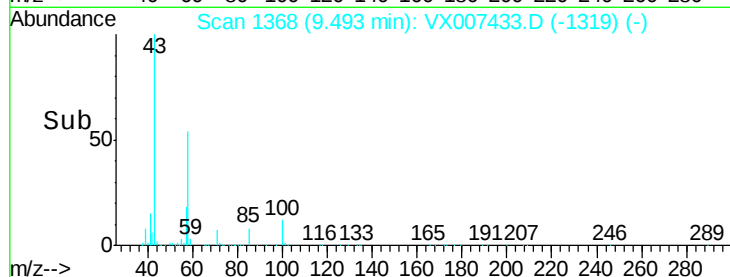
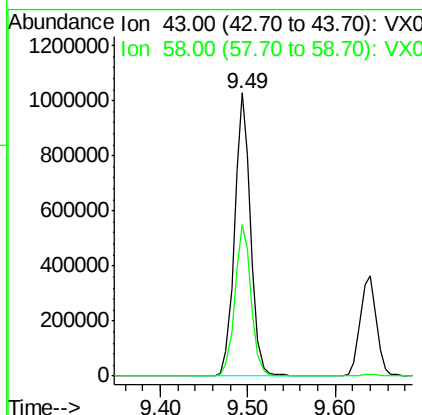
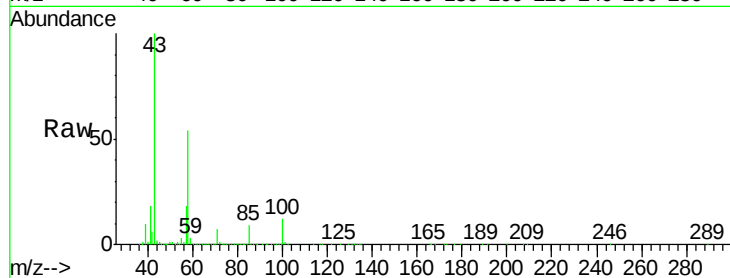
#59
2-Hexanone
Concen: 237.323 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1318944
Ion Ratio Lower Upper
43 100
58 54.3 27.1 81.3

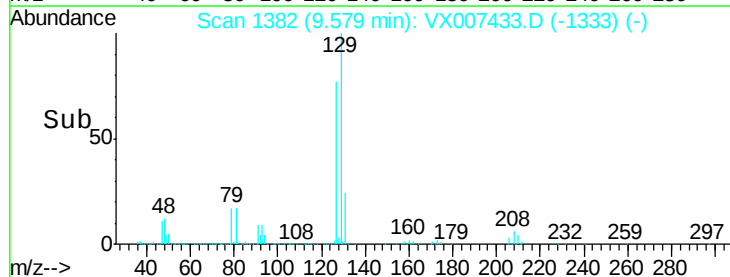
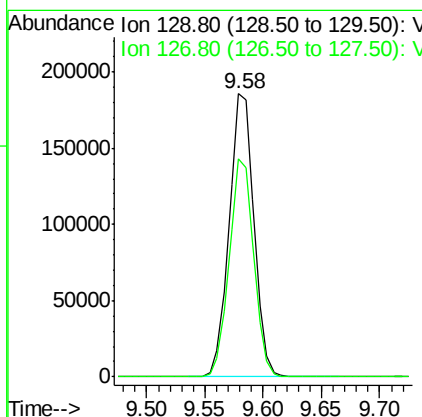
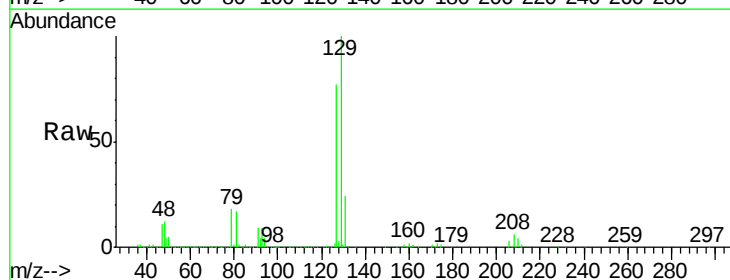
Manual Integrations
APPROVED

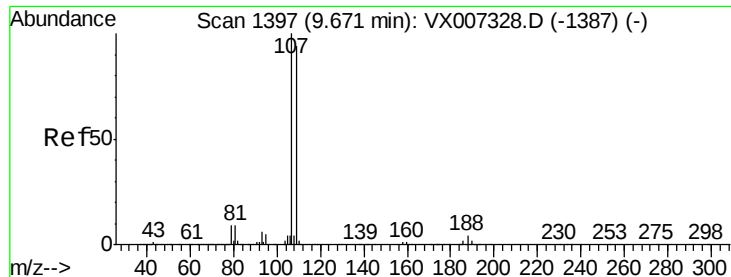
MMDadoda
2/11/2019 9:37:10 AM



#60
Dibromochloromethane
Concen: 52.734 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Tgt Ion: 129 Resp: 274727
Ion Ratio Lower Upper
129 100
127 76.3 37.8 113.4





#61

1,2-Dibromoethane

Concen: 48.637 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 283725

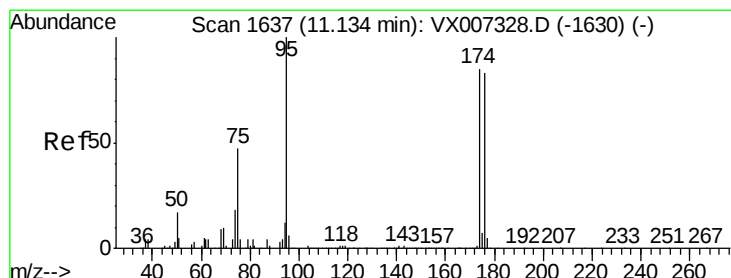
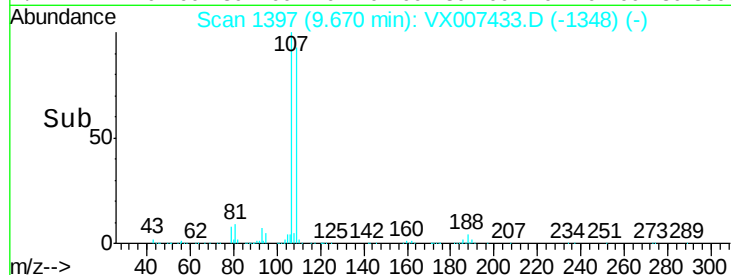
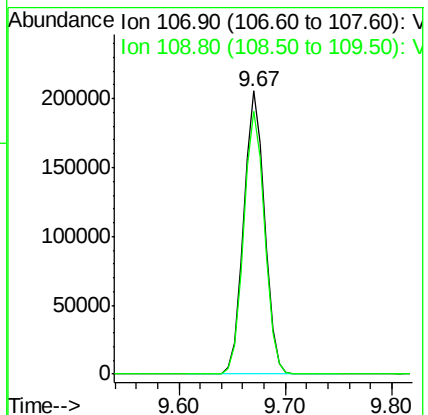
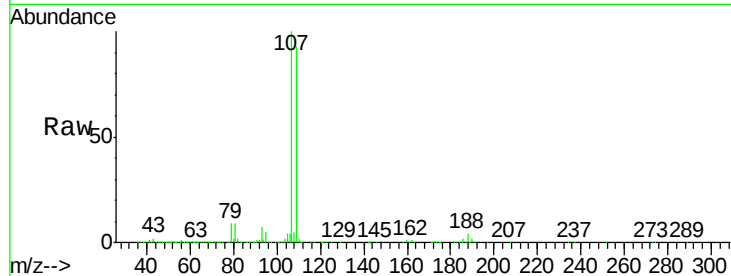
Ion Ratio Lower Upper

107 100

109 93.6 75.1 112.7

Manual Integrations
APPROVED

MMDadoda
2/11/2019 9:37:10 AM



#62

4-Bromofluorobenzene

Concen: 57.191 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

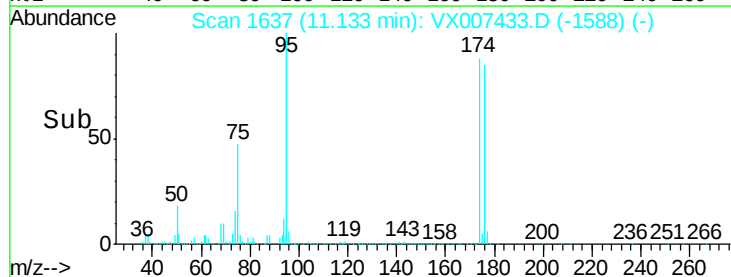
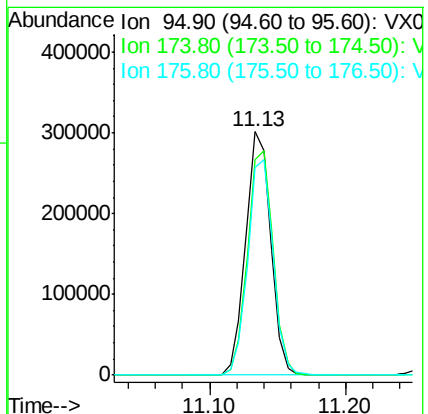
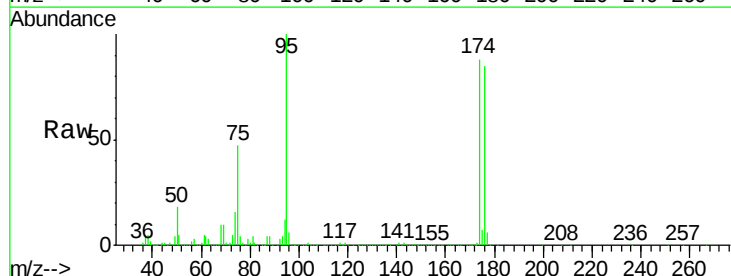
Tgt Ion: 95 Resp: 390625

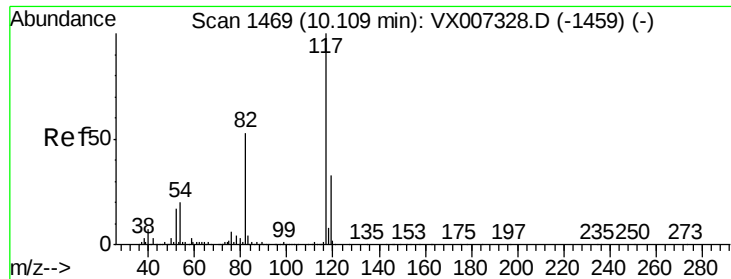
Ion Ratio Lower Upper

95 100

174 94.0 0.0 189.2

176 89.7 0.0 186.2





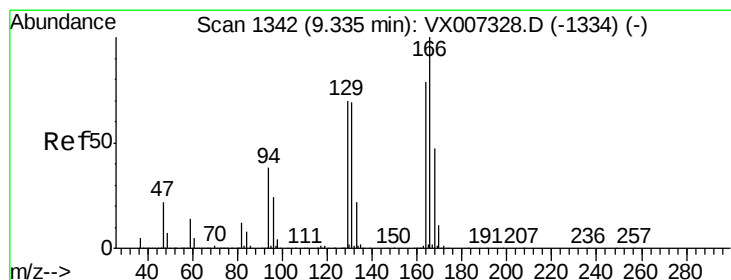
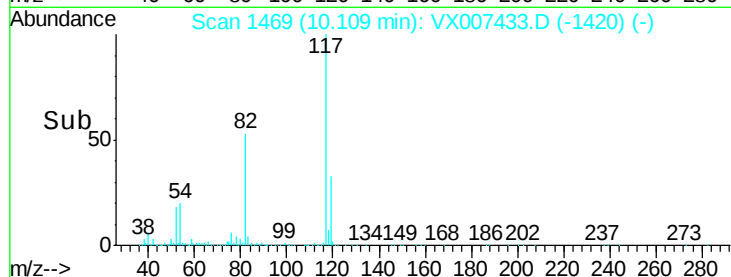
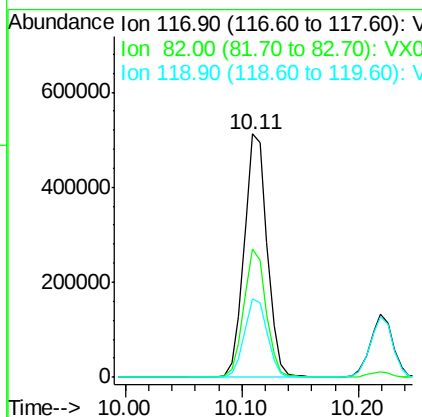
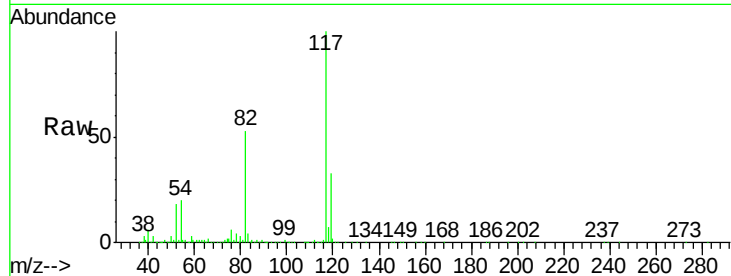
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	42.1	63.1
119	32.5	26.5	39.7

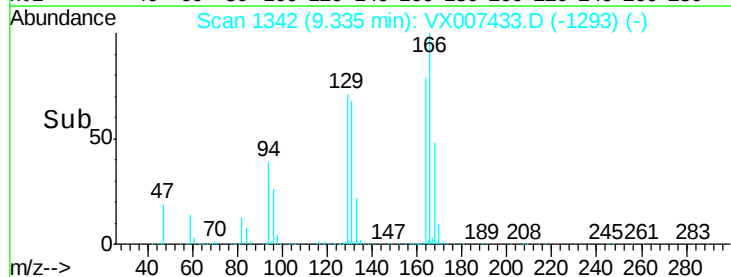
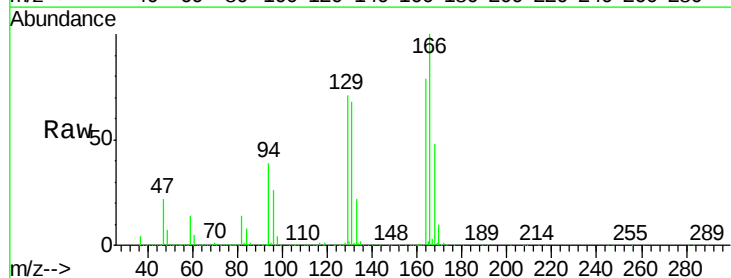
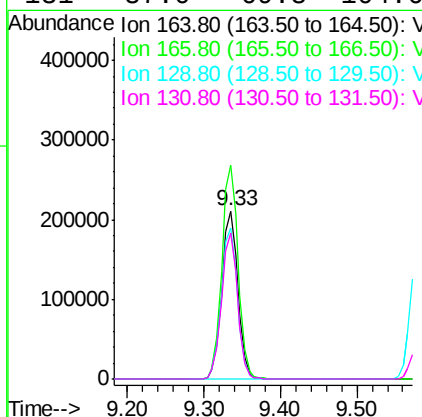
Manual Integrations
APPROVED

MMDadoda
2/11/2019 9:37:10 AM



#64
Tetrachloroethene
Concen: 45.845 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.2	101.0	151.4
129	90.3	70.5	105.7
131	87.0	69.8	104.6





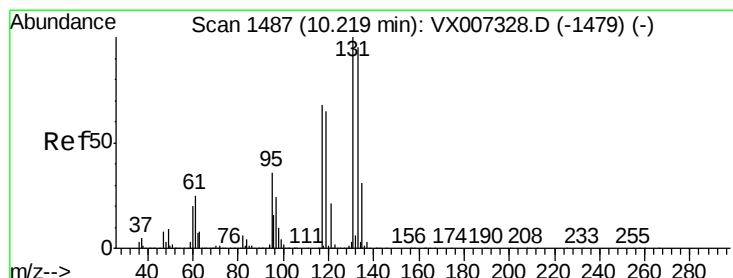
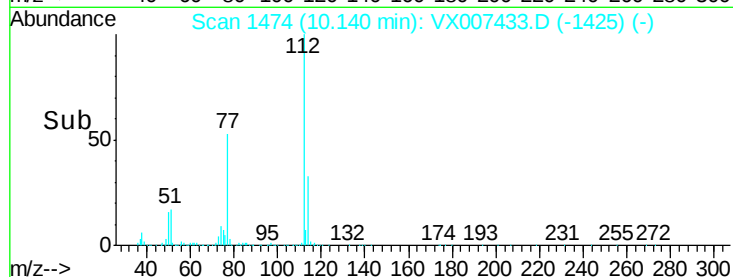
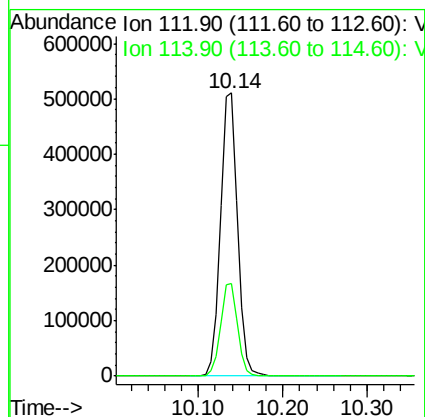
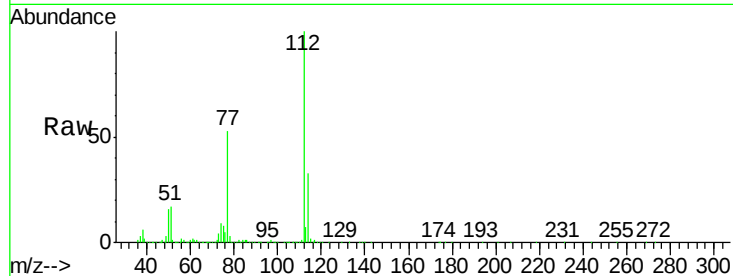
#65
Chlorobenzene
Concen: 46.490 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.8	38.6

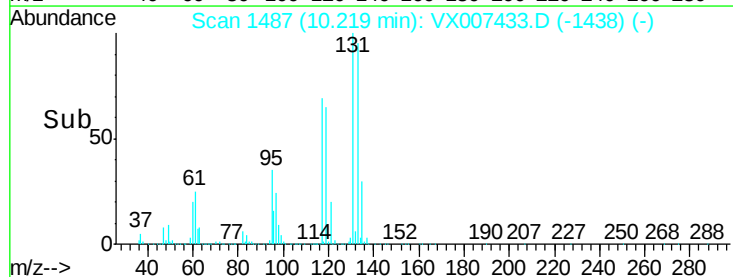
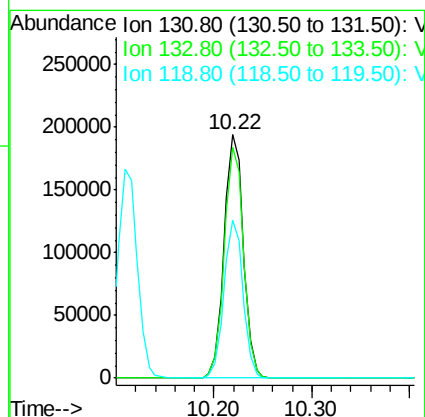
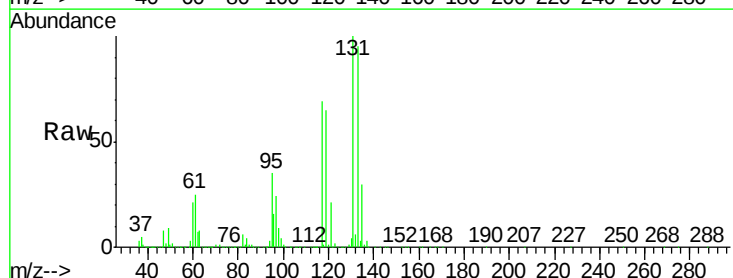
Manual Integrations
APPROVED

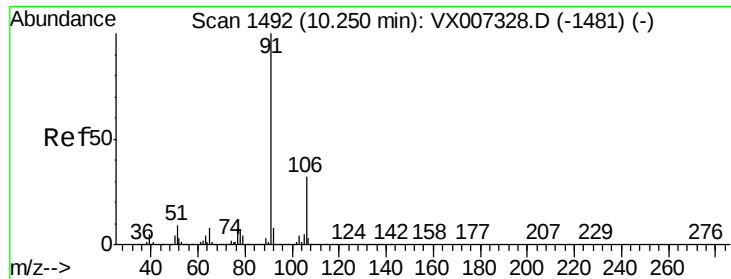
MMDadoda
2/11/2019 9:37:10 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.185 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.8	48.0	144.2
119	64.2	32.0	96.0





#67

Ethyl Benzene

Concen: 48.841 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1214328

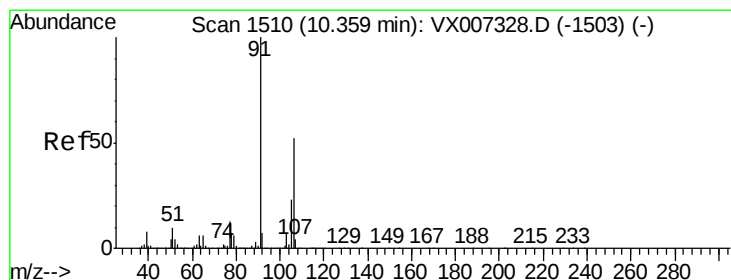
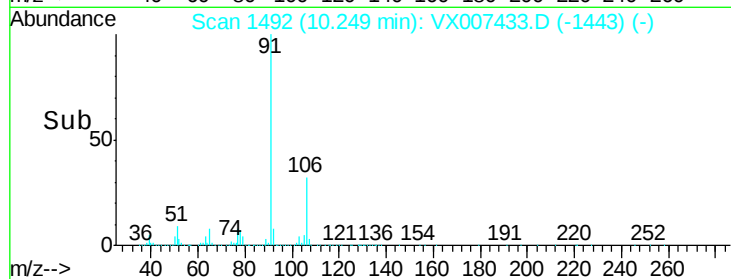
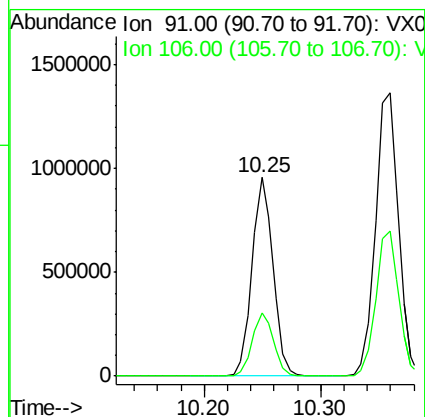
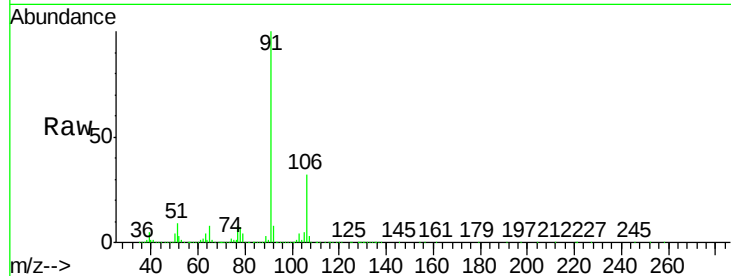
Ion Ratio Lower Upper

91 100

106 31.8 25.4 38.0

Manual Integrations
APPROVED

MMDadoda
2/11/2019 9:37:10 AM



#68

m/p-Xylenes

Concen: 96.444 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007433.D

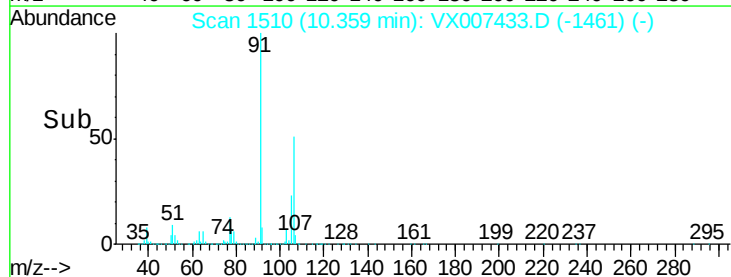
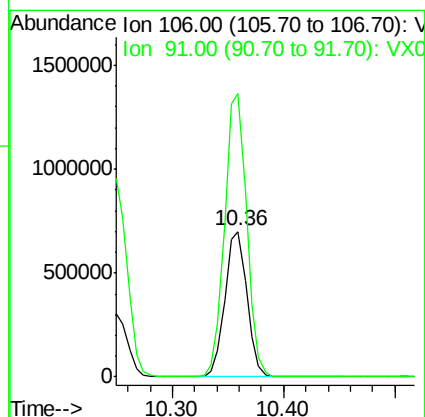
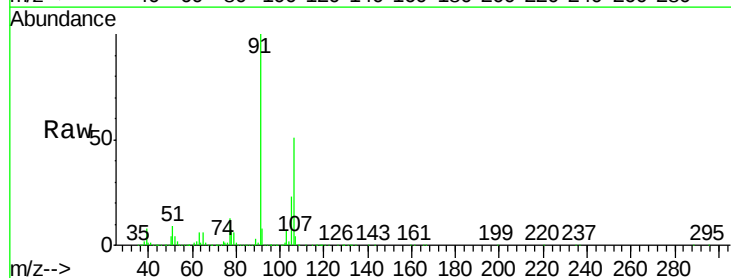
Acq: 08 Feb 2019 10:39

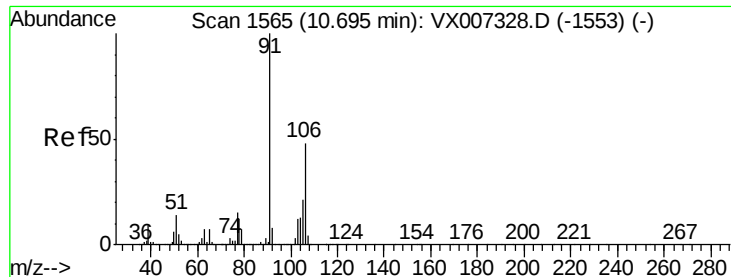
Tgt Ion: 106 Resp: 953188

Ion Ratio Lower Upper

106 100

91 196.2 156.6 234.8





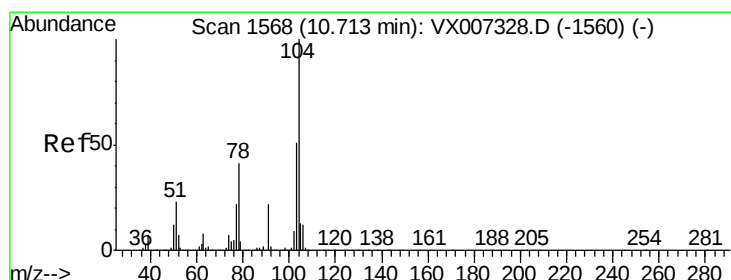
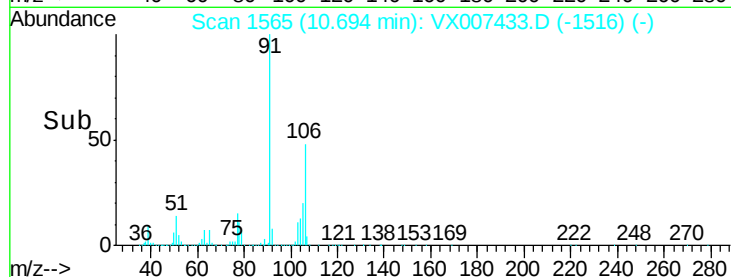
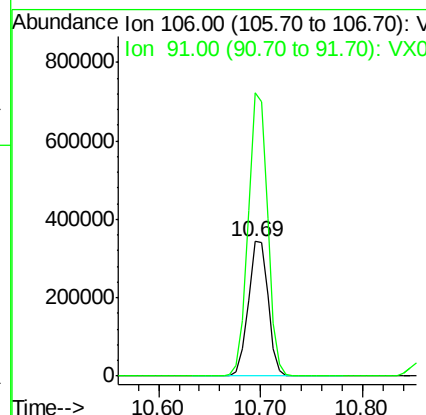
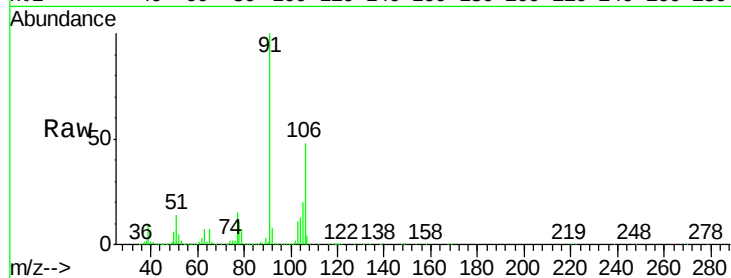
#69
o-Xylene
Concen: 48.459 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	206.4	102.9	308.7	

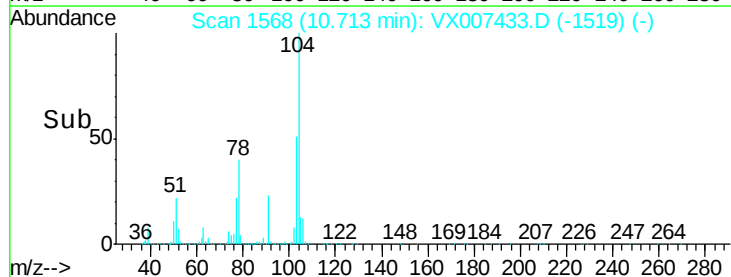
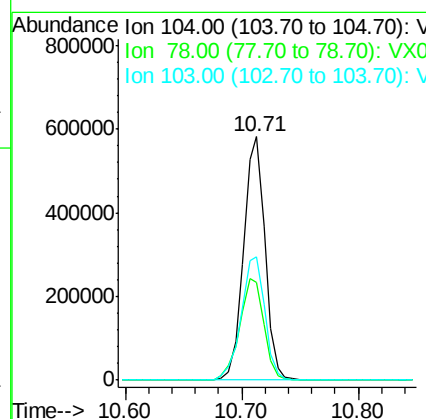
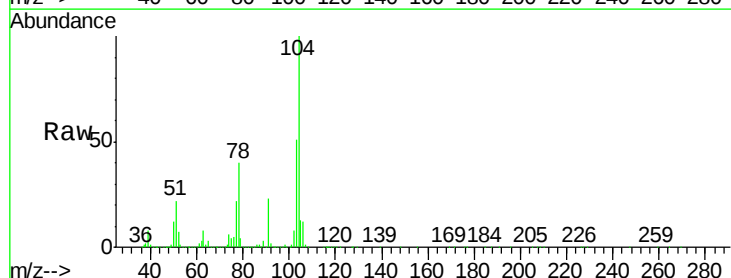
Manual Integrations
APPROVED

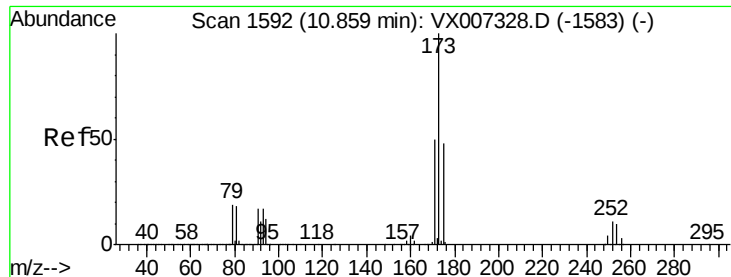
MMDadoda
2/11/2019 9:37:10 AM



#70
Styrene
Concen: 48.433 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	47.4	38.3	57.5	
103	55.9	44.6	67.0	





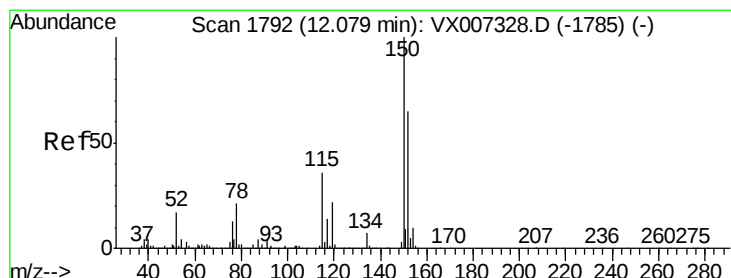
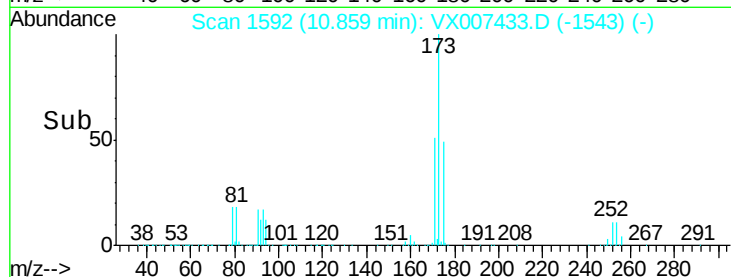
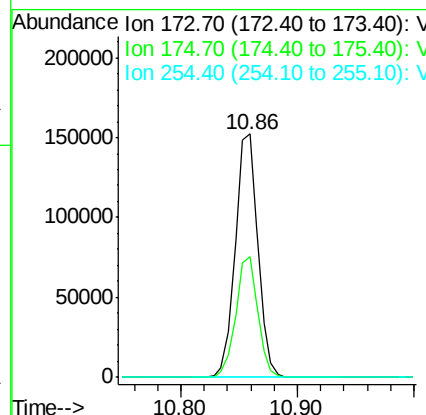
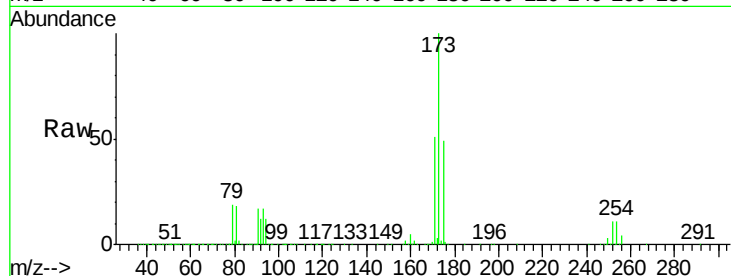
#71
Bromoform
Concen: 45.773 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.2	72.6
254	0.2	0.2	0.2

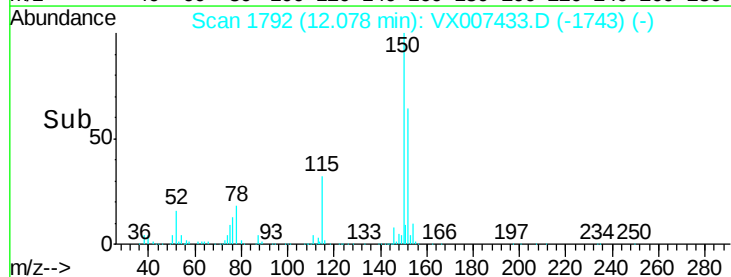
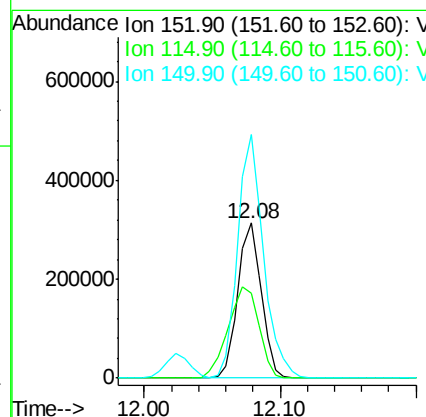
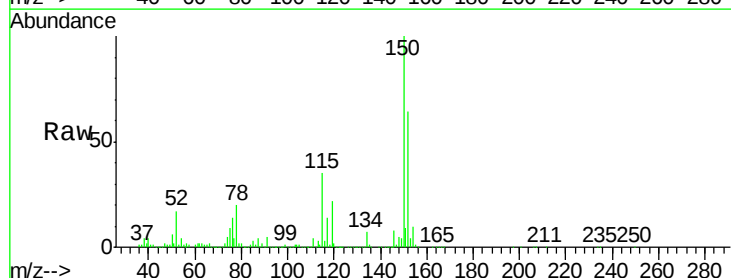
Manual Integrations
APPROVED

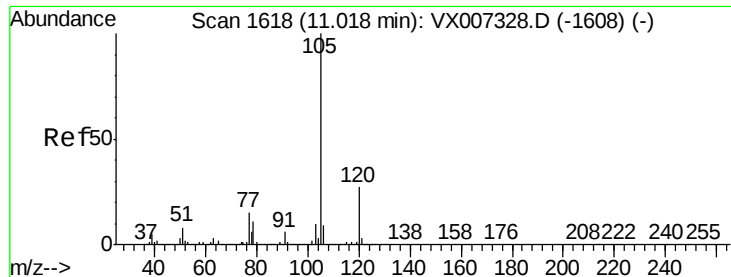
MMDadoda
2/11/2019 9:37:10 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.0	38.0	114.0
150	172.4	0.0	346.4





#73

Isopropylbenzene

Concen: 48.398 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1240394

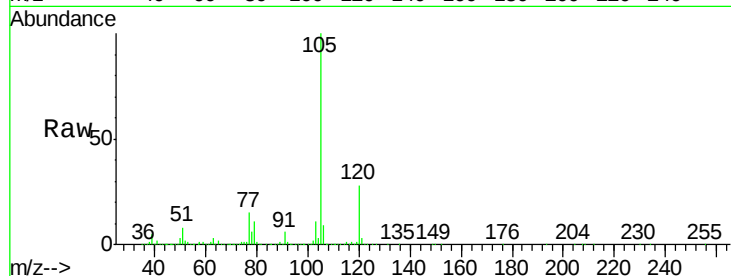
Ion Ratio Lower Upper

105 100

120 27.7 13.6 40.7

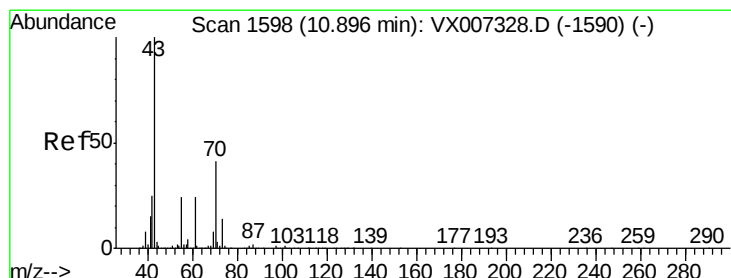
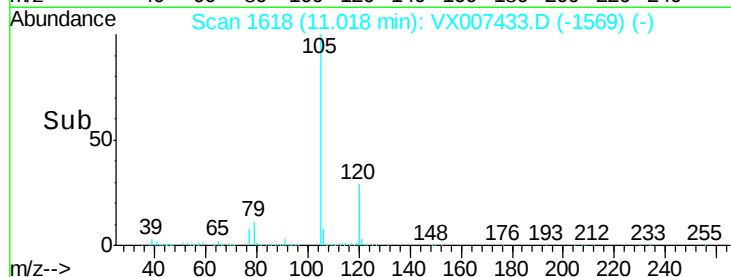
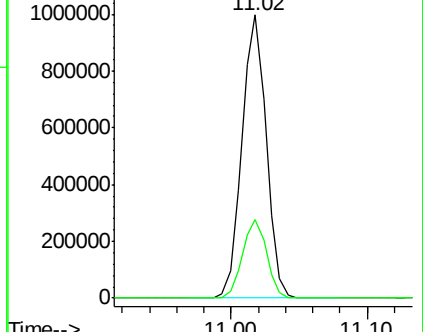
Manual Integrations
APPROVED

MMDadoda
2/11/2019 9:37:10 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.047 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Tgt Ion: 43 Resp: 476286

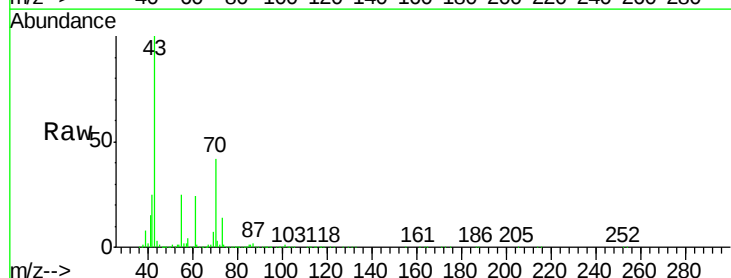
Ion Ratio Lower Upper

43 100

70 42.5 33.8 50.6

55 24.2 19.5 29.3

61 23.7 19.4 29.2

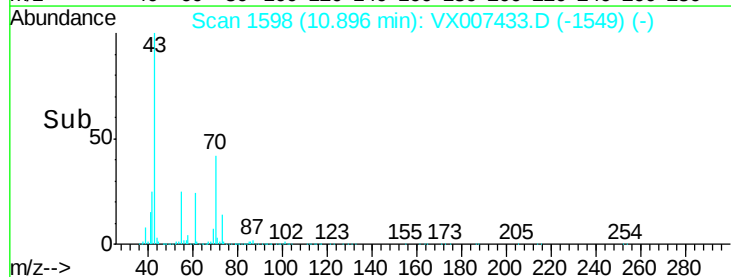
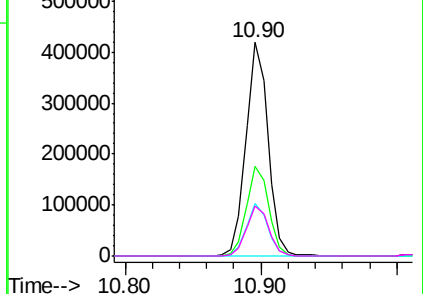


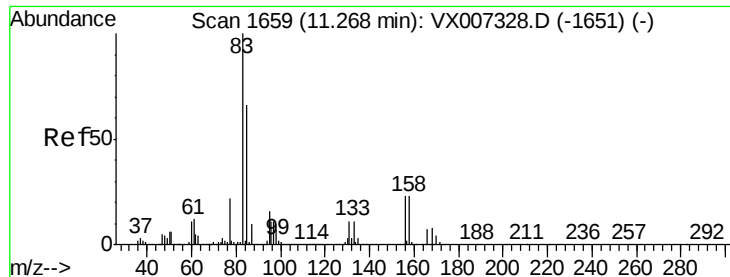
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.083 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

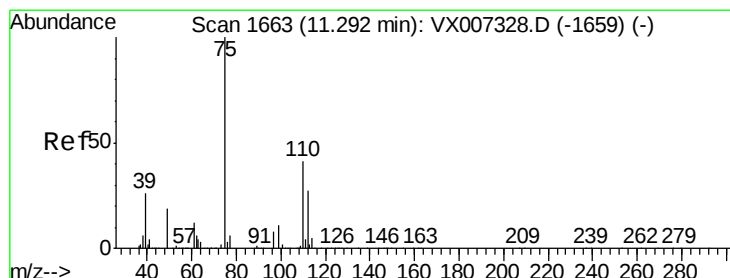
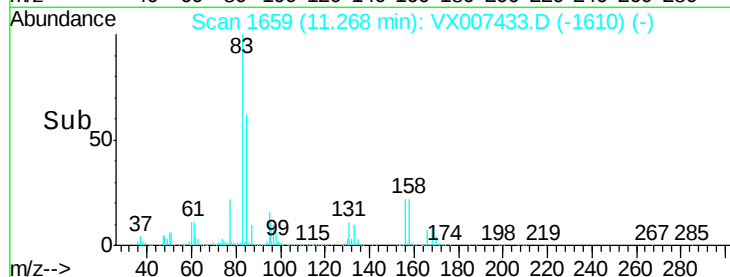
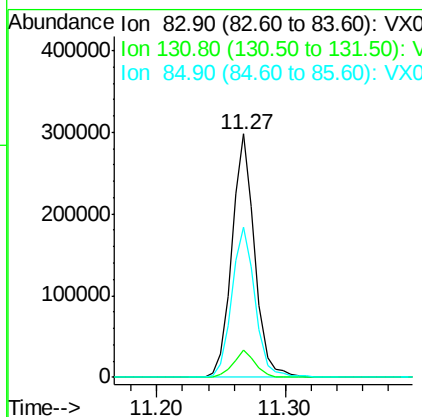
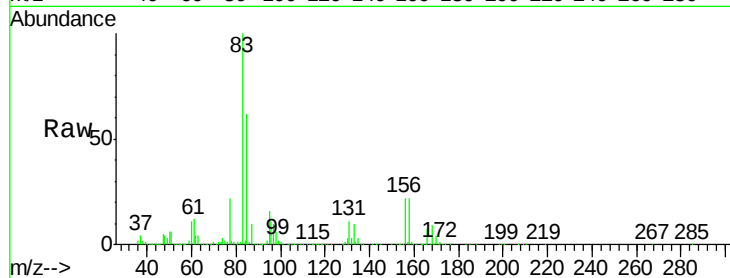
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	367749
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.7	17.0
85	63.6	32.8	98.3

Manual Integrations
APPROVED

MMDadoda
2/11/2019 9:37:10 AM



#76

1,2,3-Trichloropropane

Concen: 48.072 ug/l m

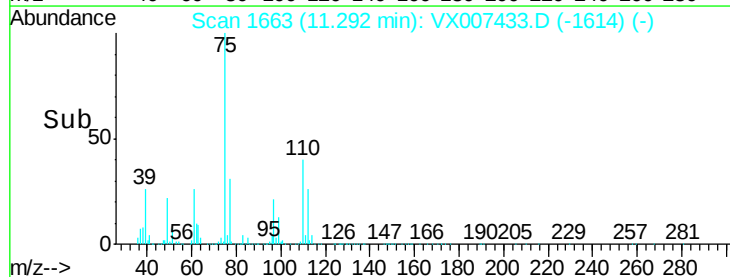
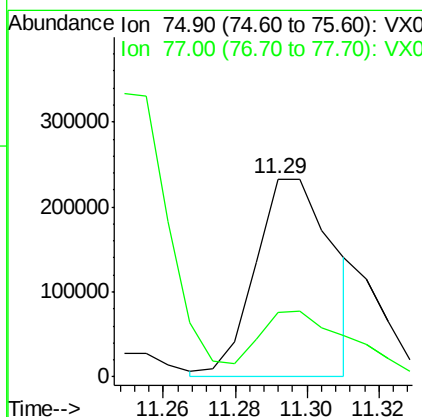
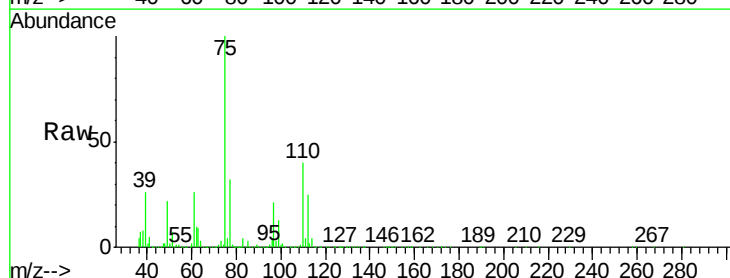
RT: 11.29 min Scan# 1663

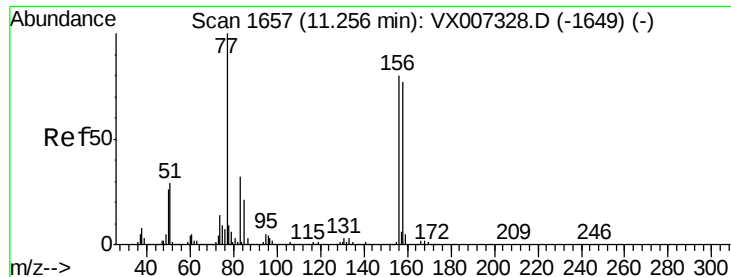
Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Tgt Ion:	75	Resp:	352653
Ion Ratio	Lower	Upper	
75	100		
77	38.5	23.0	69.0





#77

Bromobenzene

Concen: 45.364 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

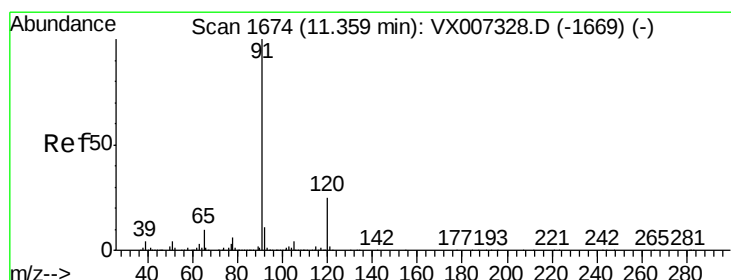
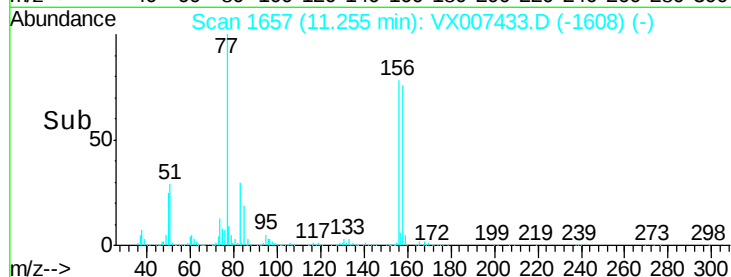
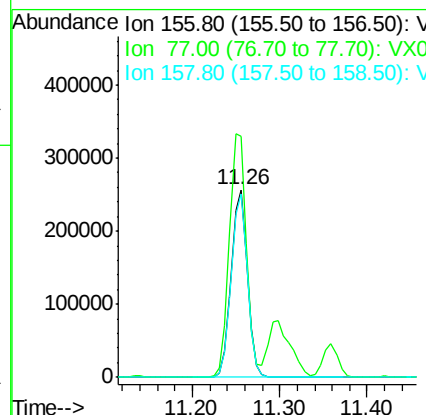
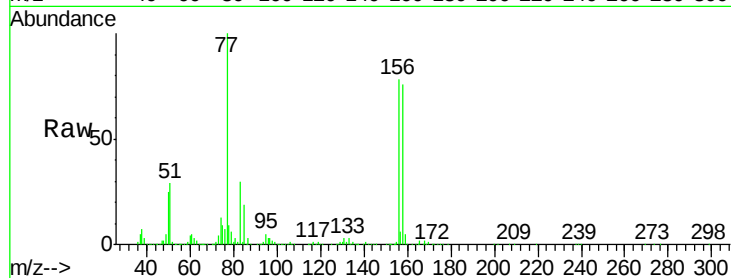
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	137.2	66.8	200.6
158	98.4	47.9	143.8

Manual Integrations
APPROVED

MMDadoda
2/11/2019 9:37:10 AM



#78

n-propylbenzene

Concen: 50.135 ug/l

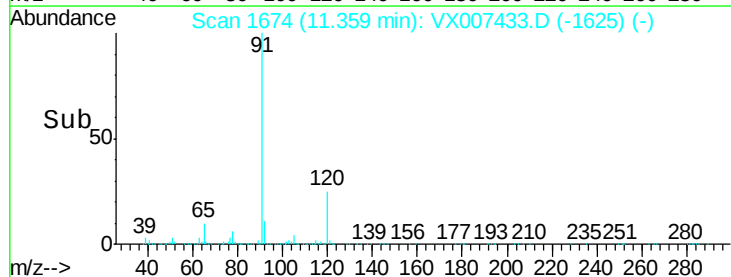
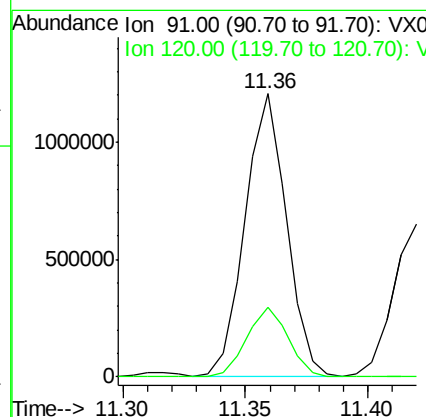
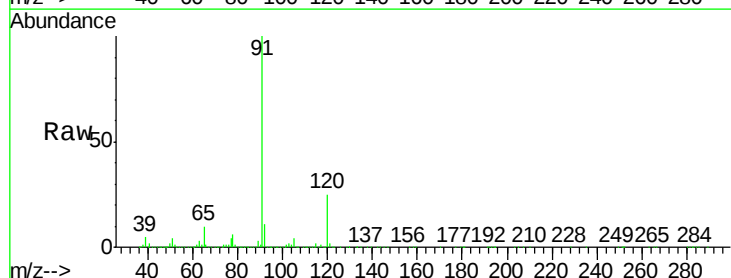
RT: 11.36 min Scan# 1674

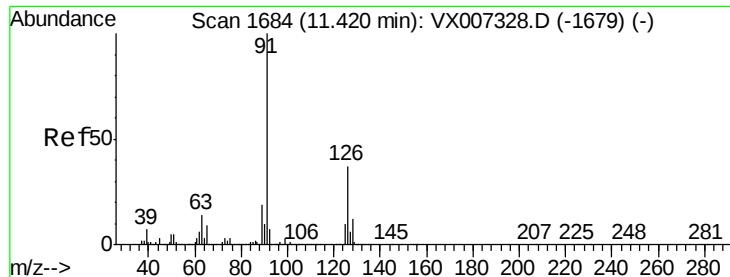
Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.9	12.4	37.2





#79

2-Chlorotoluene

Concen: 47.103 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 803238

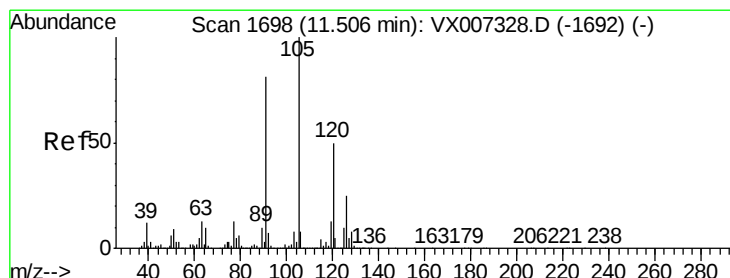
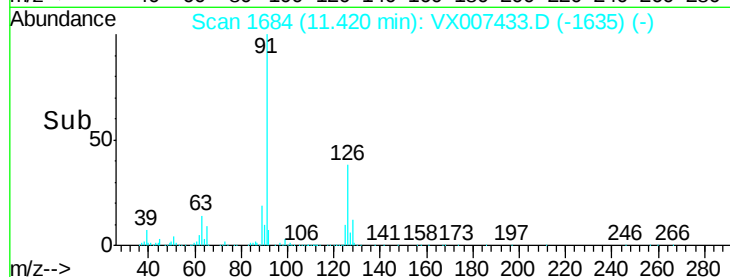
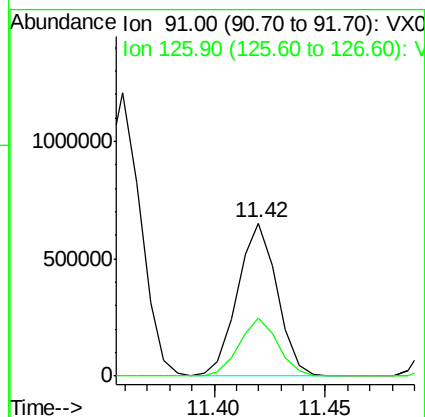
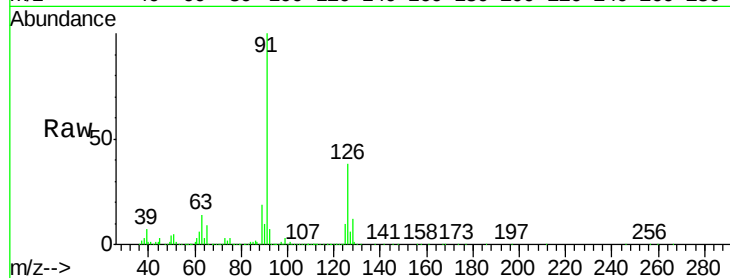
Ion Ratio Lower Upper

91 100

126 37.3 18.7 56.1

Manual Integrations
APPROVED

MMDadoda
2/11/2019 9:37:10 AM



#80

1,3,5-Trimethylbenzene

Concen: 48.305 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007433.D

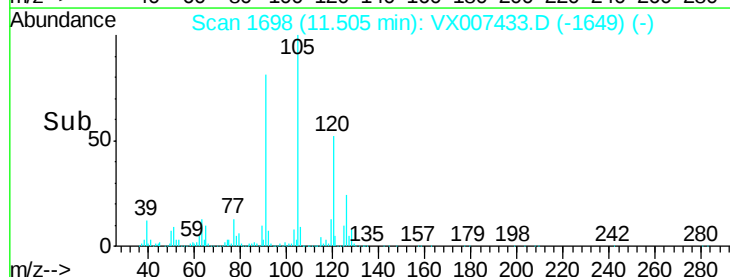
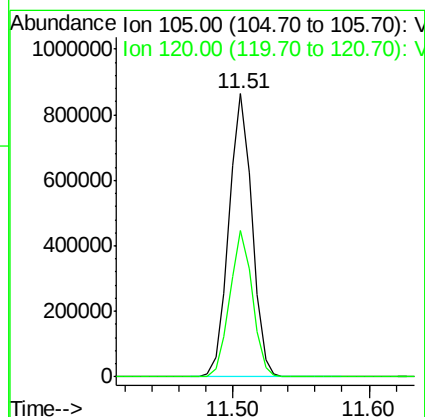
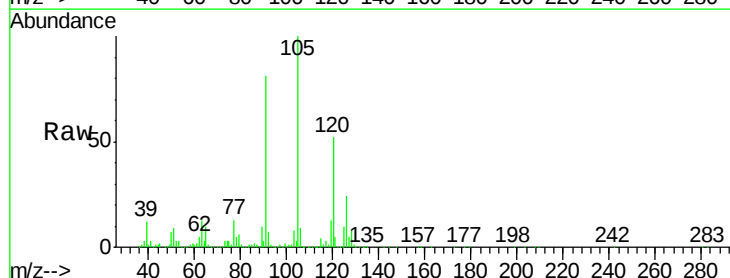
Acq: 08 Feb 2019 10:39

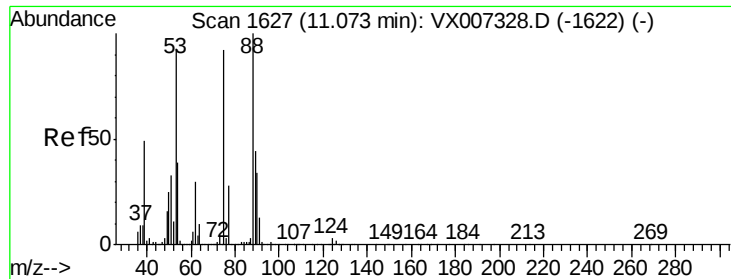
Tgt Ion: 105 Resp: 1012844

Ion Ratio Lower Upper

105 100

120 50.7 25.3 75.8





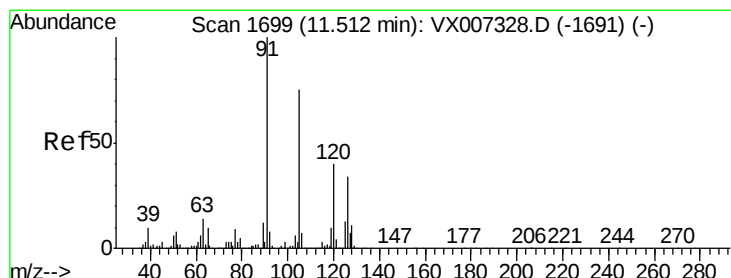
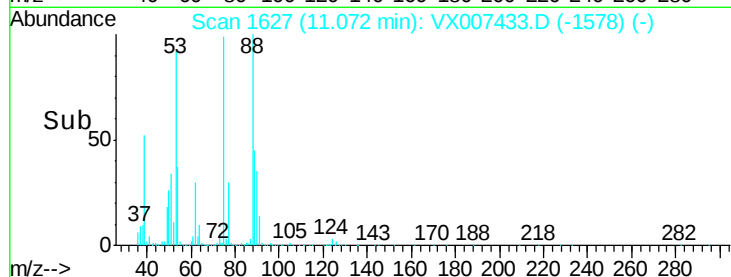
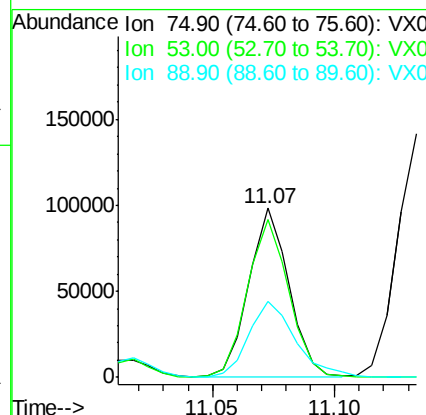
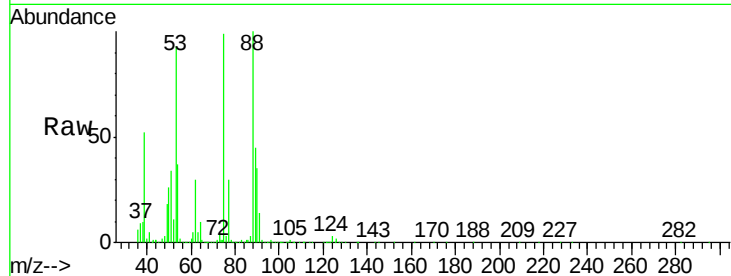
#81
trans-1,4-Dichloro-2-butene
Concen: 47.448 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.4	81.0	121.6
89	52.5	41.4	62.0

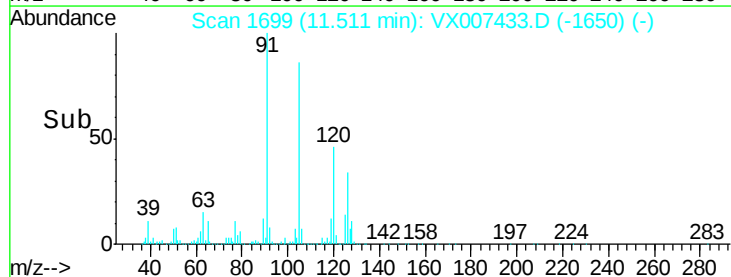
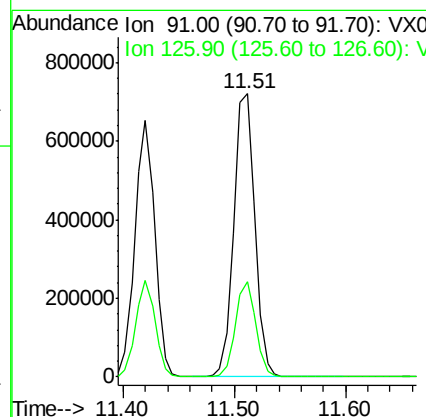
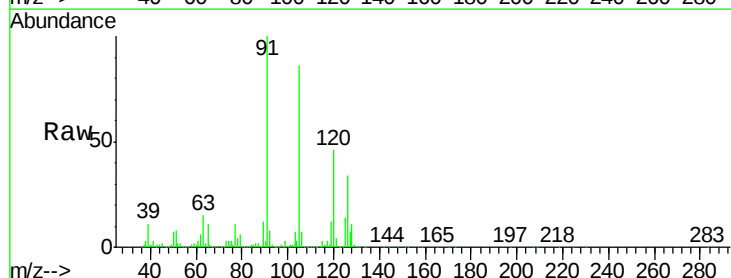
Manual Integrations
APPROVED

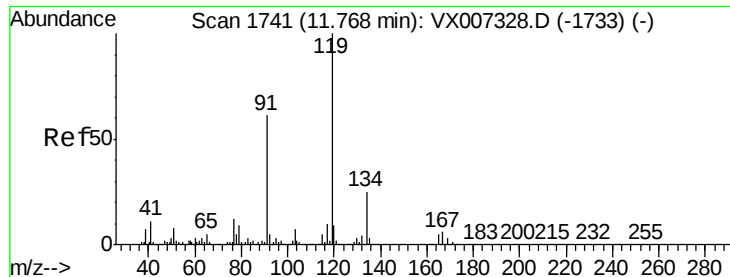
MMDadoda
2/11/2019 9:37:10 AM



#82
4-Chlorotoluene
Concen: 47.723 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.2	48.5





#83

tert-Butylbenzene

Concen: 48.187 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:119 Resp: 1000325

Ion Ratio Lower Upper

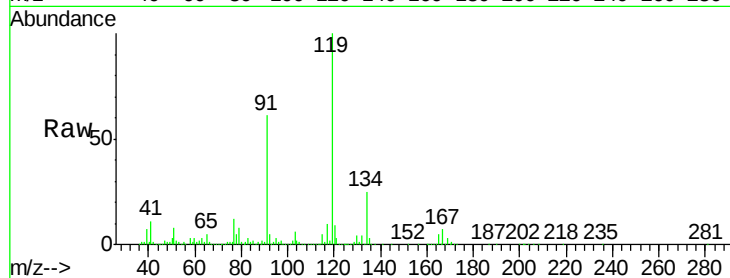
119 100

91 57.0 28.5 85.6

134 24.1 12.0 36.0

Manual Integrations
APPROVED

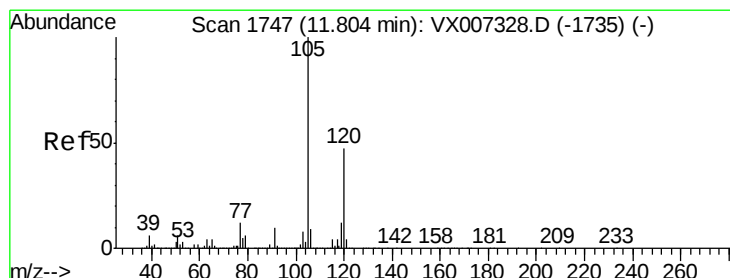
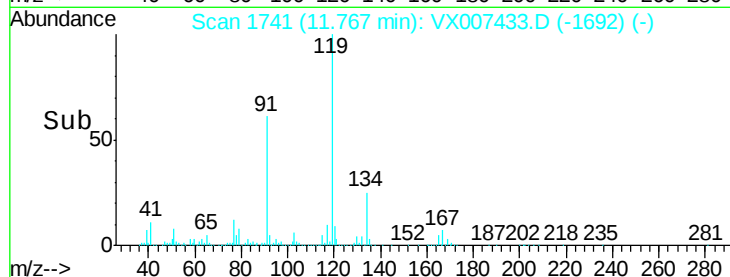
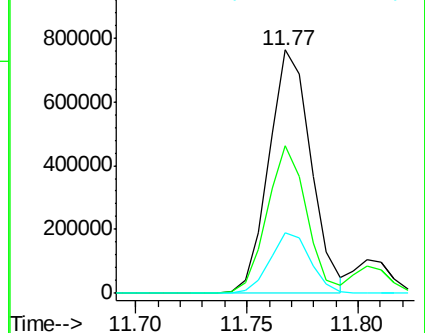
MMDadoda
2/11/2019 9:37:10 AM



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 48.740 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007433.D

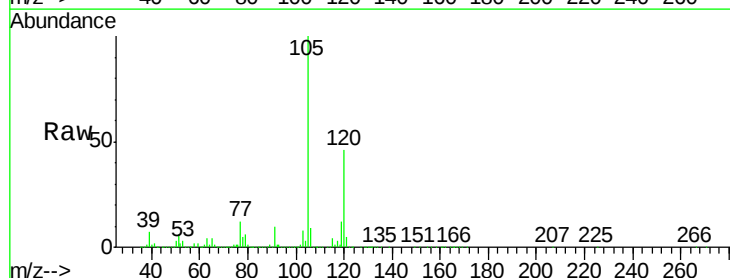
Acq: 08 Feb 2019 10:39

Tgt Ion:105 Resp: 1037536

Ion Ratio Lower Upper

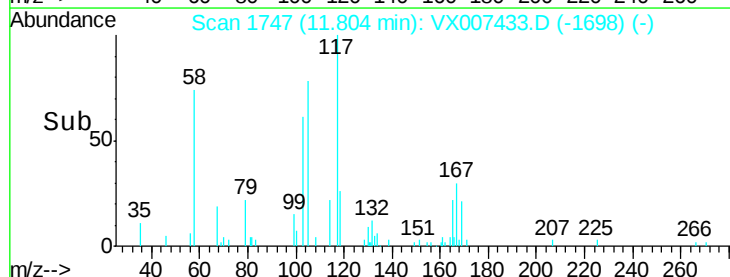
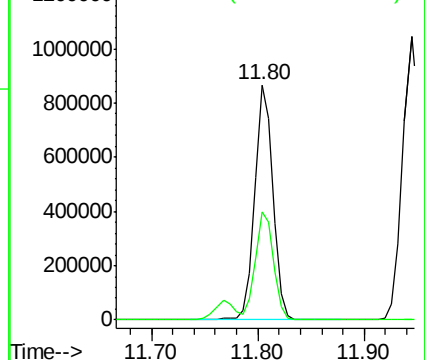
105 100

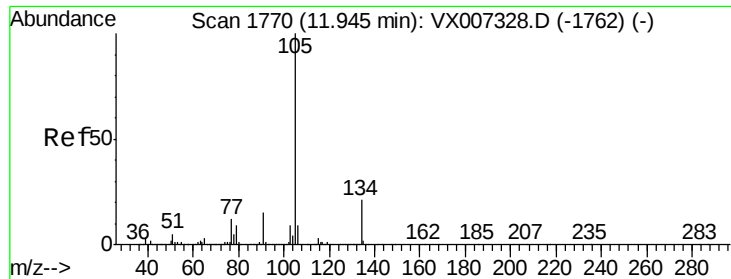
120 45.7 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.173 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1260603

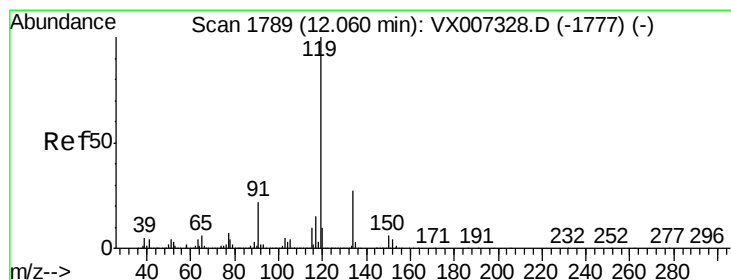
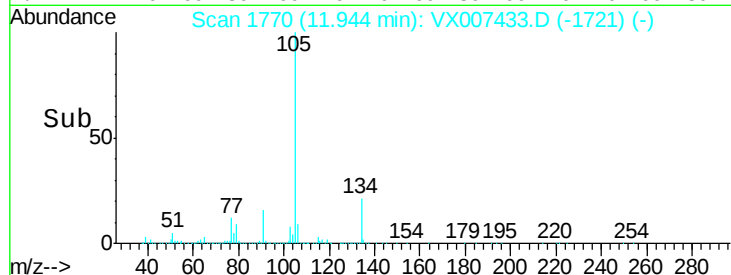
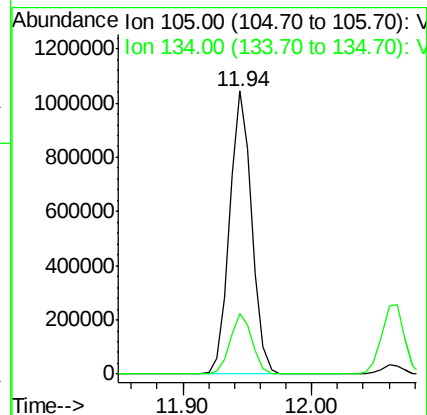
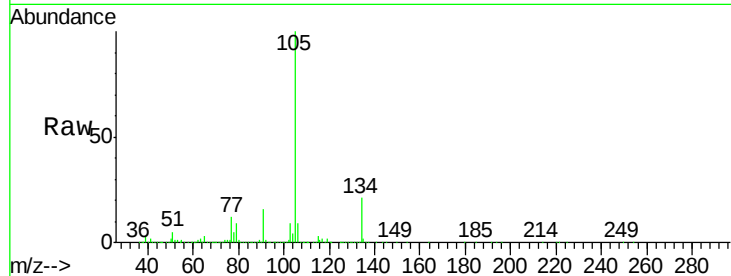
Ion Ratio Lower Upper

105 100

134 21.3 10.6 31.8

Manual Integrations
APPROVED

MMDadoda
2/11/2019 9:37:10 AM



#86

p-Isopropyltoluene

Concen: 49.864 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

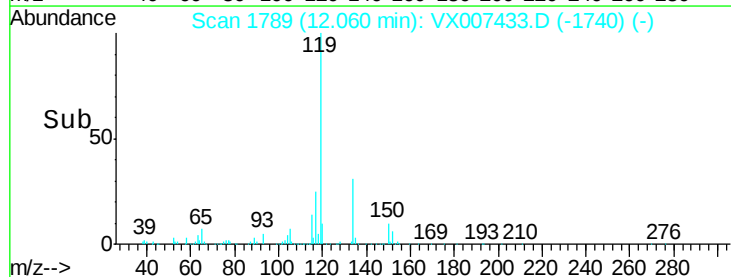
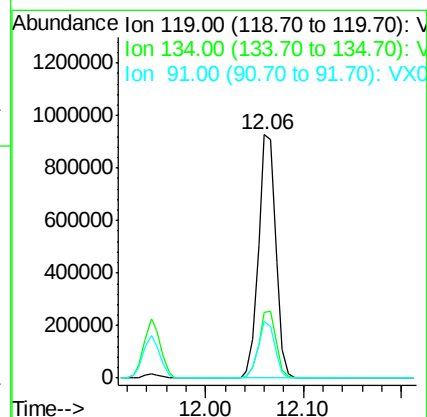
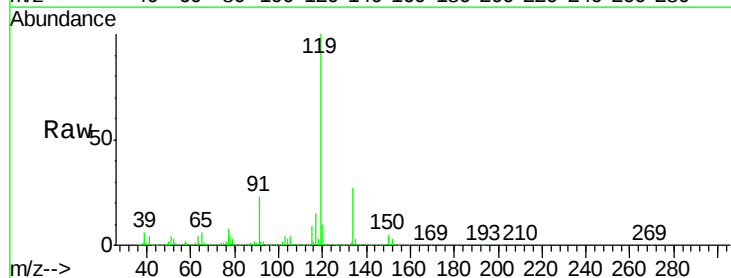
Tgt Ion:119 Resp: 1130950

Ion Ratio Lower Upper

119 100

134 27.5 13.7 41.1

91 22.7 11.2 33.5





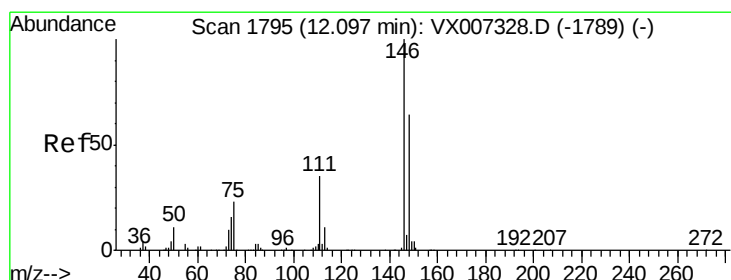
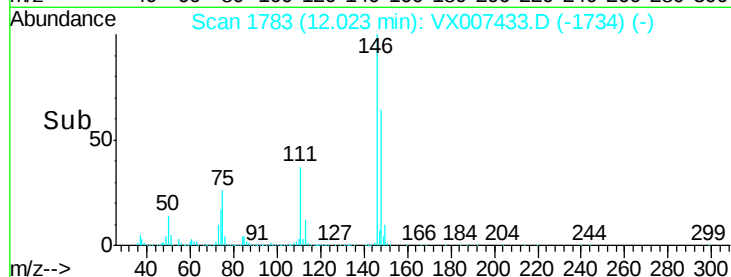
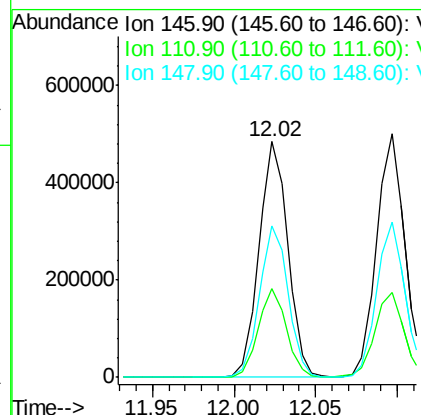
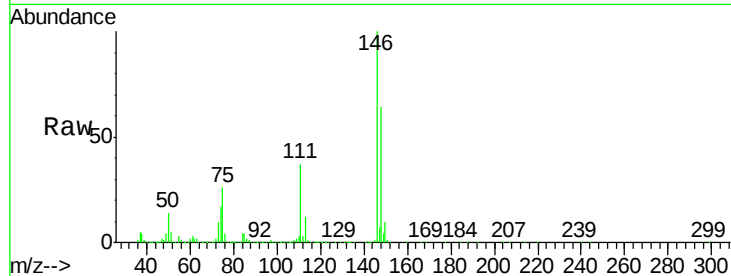
#87
 1,3-Dichlorobenzene
 Concen: 46.152 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007433.D
 Acq: 08 Feb 2019 10:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	598105		
111	36.9	18.1	54.1	
148	63.9	32.0	96.2	

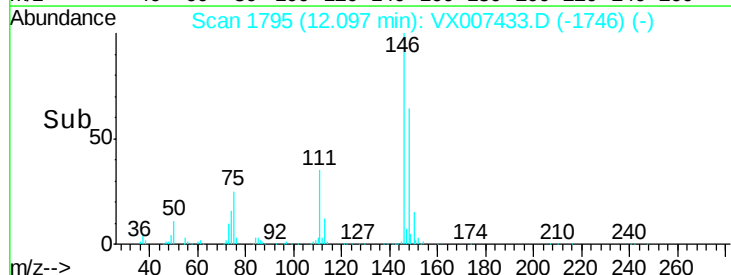
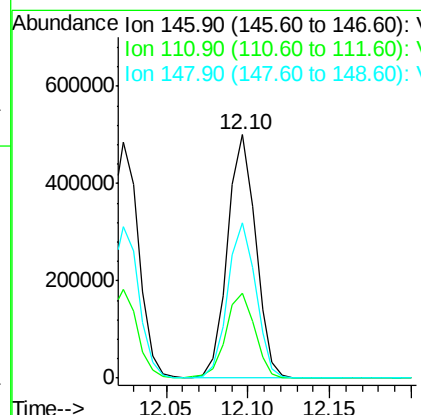
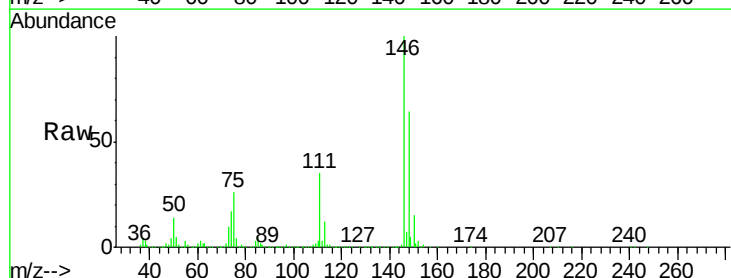
Manual Integrations
 APPROVED

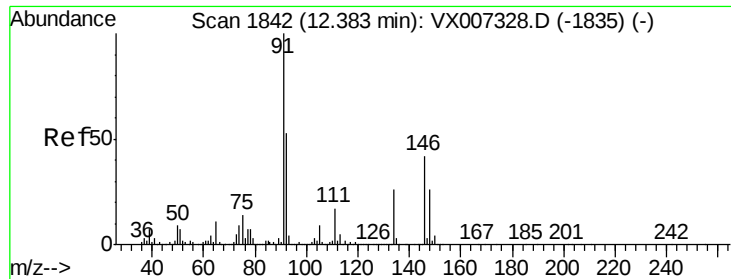
MMDadoda
 2/11/2019 9:37:10 AM



#88
 1,4-Dichlorobenzene
 Concen: 45.760 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007433.D
 Acq: 08 Feb 2019 10:39

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	601653		
111	36.0	18.1	54.1	
148	64.1	32.3	96.9	





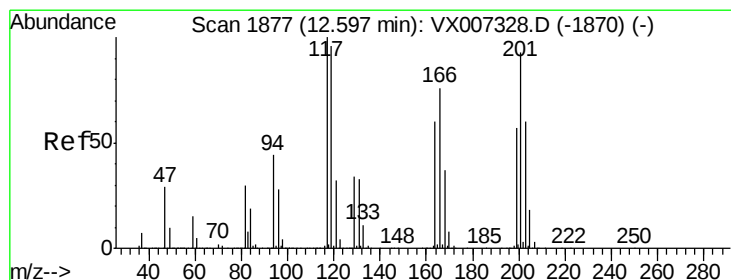
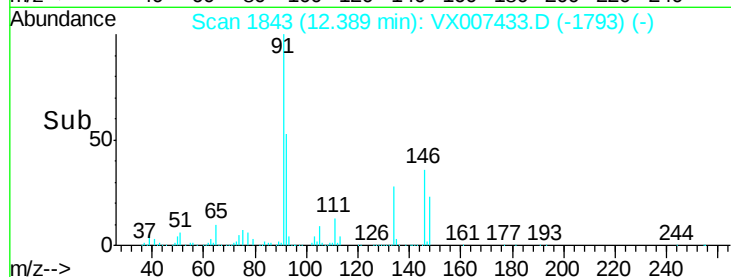
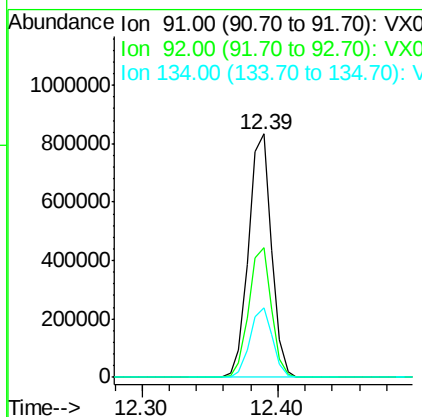
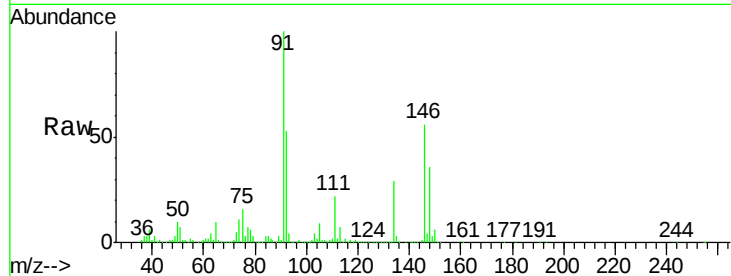
#89
n-Butylbenzene
Concen: 50.396 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	983254		
92	52.9	26.3	78.9	
134	28.4	13.9	41.6	

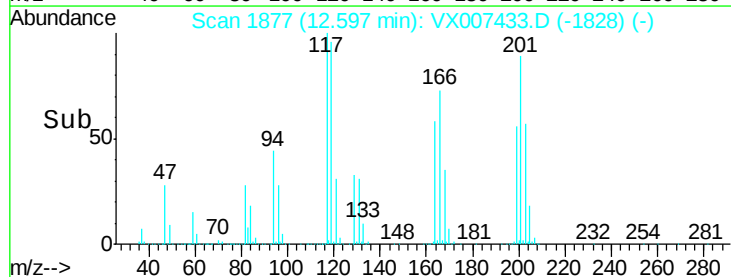
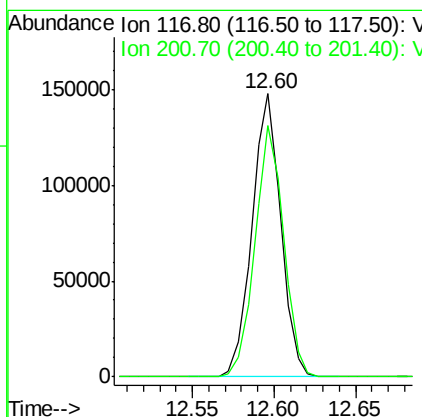
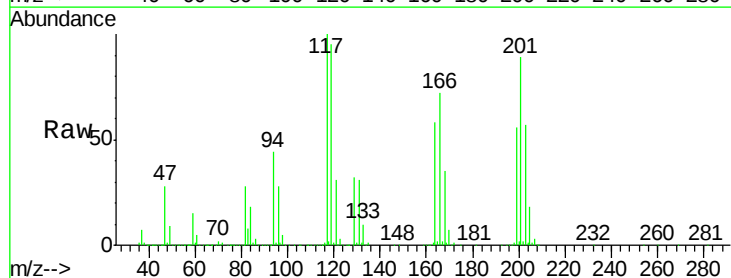
Manual Integrations
APPROVED

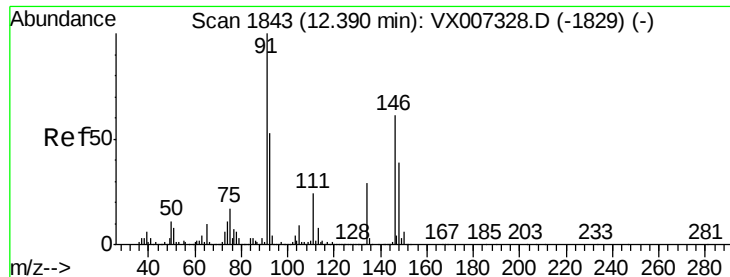
MMDadoda
2/11/2019 9:37:10 AM



#90
Hexachloroethane
Concen: 53.394 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	181240		
201	88.7	44.9	134.7	





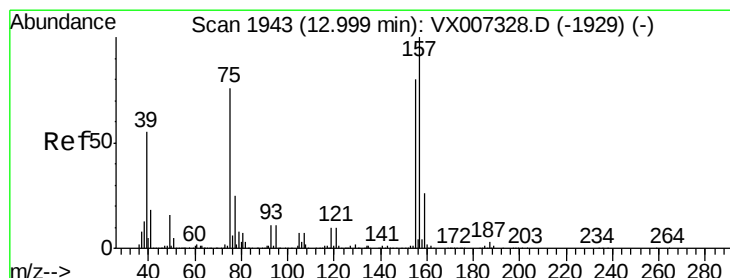
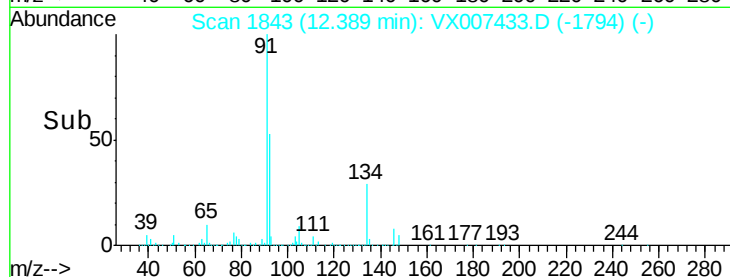
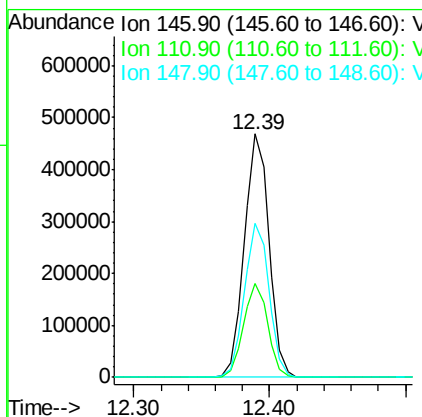
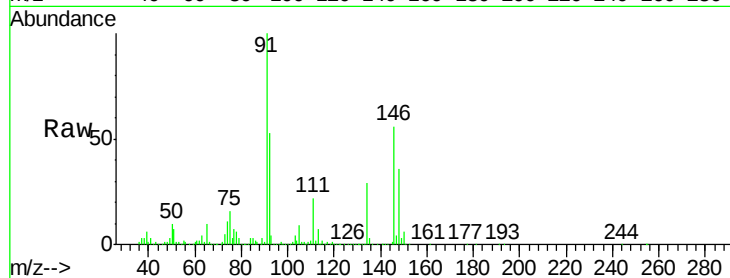
#91
 1,2-Dichlorobenzene
 Concen: 45.953 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007433.D
 Acq: 08 Feb 2019 10:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	592665		
111	38.0	19.1	57.3	
148	63.4	32.1	96.3	

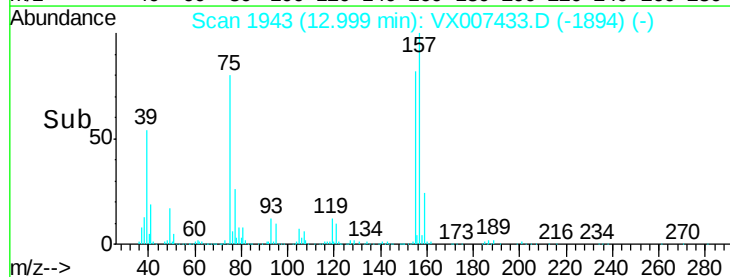
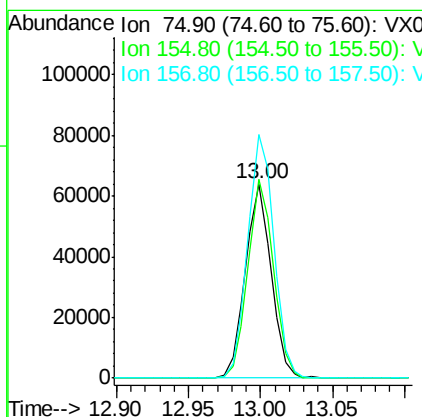
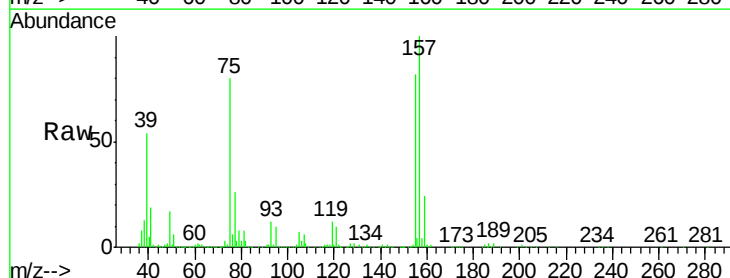
Manual Integrations
 APPROVED

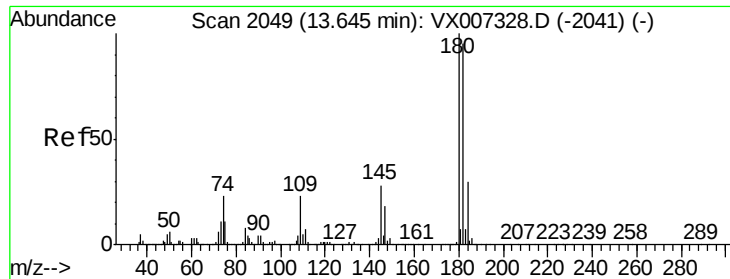
MMDadoda
 2/11/2019 9:37:10 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.406 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007433.D
 Acq: 08 Feb 2019 10:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	78615		
155	102.3	49.6	149.0	
157	128.0	65.1	195.3	





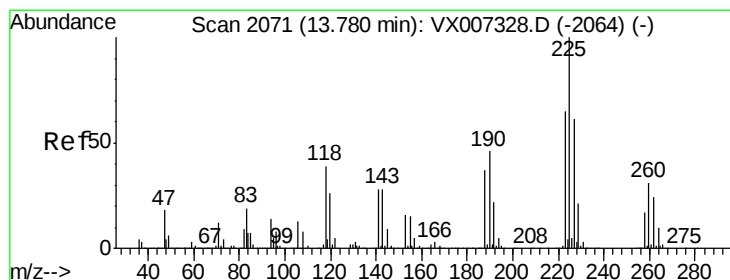
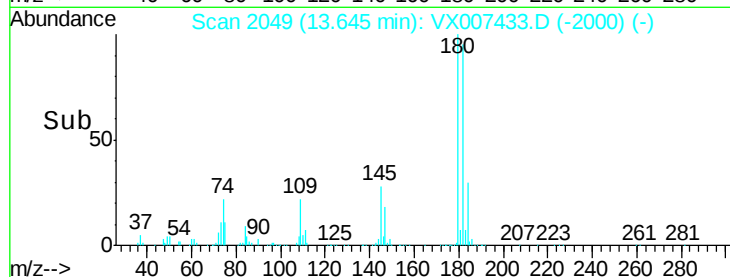
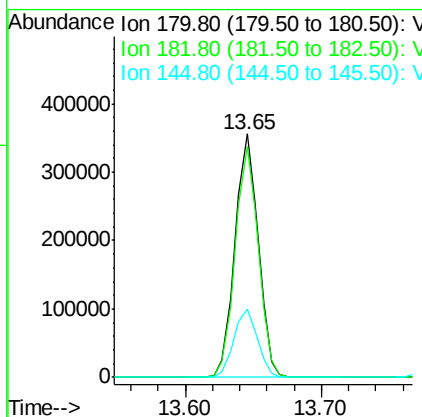
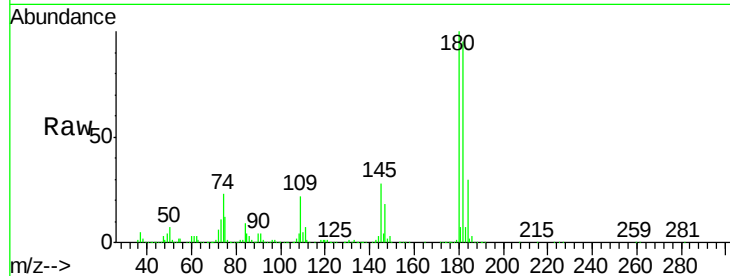
#93
1,2,4-Trichlorobenzene
Concen: 48.684 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	423435		
182	94.8	47.8	143.3	
145	28.5	14.1	42.2	

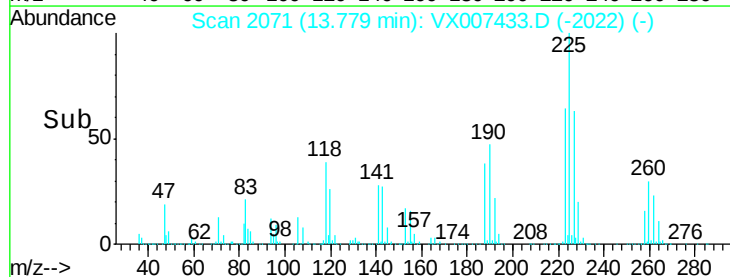
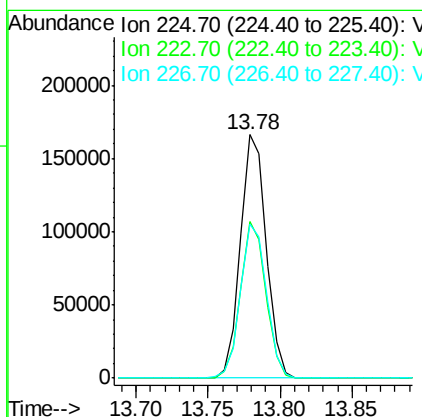
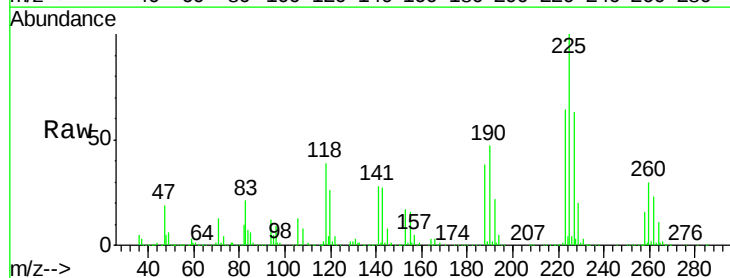
Manual Integrations
APPROVED

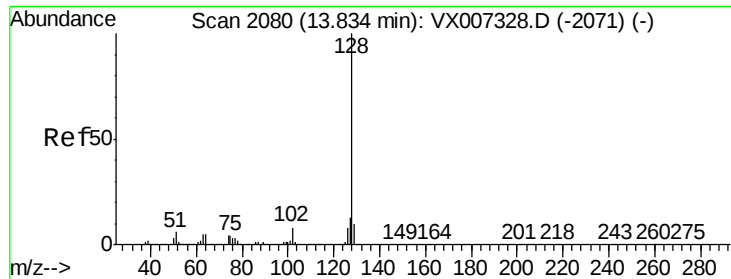
MMDadoda
2/11/2019 9:37:10 AM



#94
Hexachlorobutadiene
Concen: 48.899 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX007433.D
Acq: 08 Feb 2019 10:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	206517		
223	63.0	31.6	94.8	
227	63.8	32.1	96.3	





#95

Naphthalene

Concen: 49.495 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Instrument :

MSVOA_X

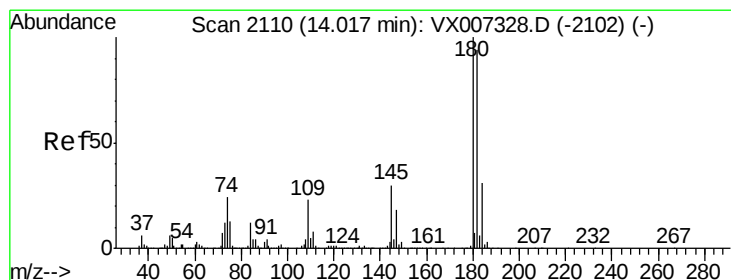
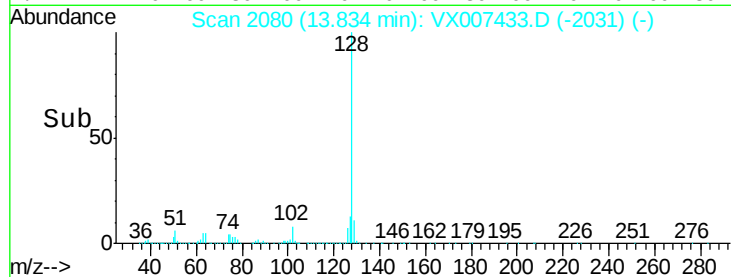
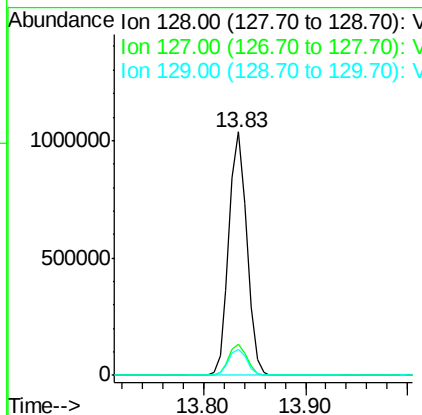
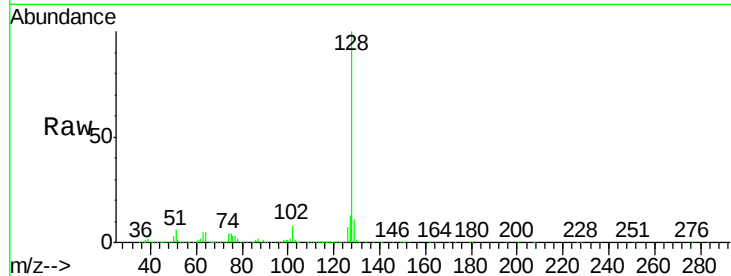
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	1258891
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	11.1	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
2/11/2019 9:37:10 AM



#96

1,2,3-Trichlorobenzene

Concen: 47.708 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007433.D

Acq: 08 Feb 2019 10:39

Tgt Ion:	180	Resp:	417683
Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.5	142.6
145	30.7	14.9	44.5

