

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061818\
 Data File : VX002678.D
 Acq On : 18 Jun 2018 13:10
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDICCC020

Manual Integrations
 APPROVED

MMDadoda
 6/19/2018 1:05:28 PM

Quant Time: Jun 18 15:08:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 18 14:58:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	44848	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	247168	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	231087	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	102635	29.08	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.93%
60) 4-Bromofluorobenzene	11.14	95	111408	28.16	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.87%
63) Toluene-d8	8.72	98	307608	29.87	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.57%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	42428	17.82	ug/l	99
3) Chloromethane	1.32	50	47660	16.83	ug/l	97
4) Vinyl Chloride	1.41	62	52709	18.71	ug/l	99
5) Bromomethane	1.64	94	30289	19.19	ug/l	98
6) Chloroethane	1.73	64	35947	21.57	ug/l	95
7) Trichlorofluoromethane	1.93	101	95041	22.12	ug/l	100
8) Diethyl Ether	2.19	74	33509	20.72	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	52909	22.86	ug/l	98
10) 1,1-Dichloroethene	2.38	96	47034	21.08	ug/l	93
11) Methyl Iodide	2.51	142	44824	12.79	ug/l	97
12) Methyl Acetate	2.78	43	80505	22.26	ug/l	99
13) Acrolein	2.30	56	22960	74.56	ug/l	98
14) Acrylonitrile	3.15	53	145977	98.11	ug/l	99
15) Acetone	2.45	58	42434	106.98	ug/l	99
16) Carbon Disulfide	2.57	76	112328	17.63	ug/l	99
17) Allyl chloride	2.73	41	94604	20.54	ug/l	89
18) Methylene Chloride	2.86	84	53914	21.50	ug/l	99
19) trans-1,2-Dichloroethene	3.17	96	50257	21.30	ug/l	100
20) Diisopropyl ether	3.88	45	169671	19.30	ug/l	99
21) 1,1-Dichloroethane	3.70	63	100940	21.57	ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	54424	19.35	ug/l #	79
23) tert-Butyl Alcohol	3.07	59	68780	89.12	ug/l #	100
24) Methyl tert-Butyl Ether	3.21	73	176613	20.28	ug/l	98
25) Chloroform	5.22	83	95575	19.42	ug/l	95
26) Cyclohexane	5.58	56	79780	18.52	ug/l #	95
29) 1,1-Dichloropropene	5.81	75	67972	19.66	ug/l	99
30) 2-Butanone	4.71	43	198113	82.13	ug/l	97
31) 2,2-Dichloropropane	4.59	77	73369	24.14	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	82138	18.19	ug/l	100
33) Carbon Tetrachloride	5.79	117	71475	17.42	ug/l	95
34) Benzene	6.15	78	202401	19.38	ug/l	98
35) Methacrylonitrile	5.07	41	43470	16.27	ug/l	98
36) 1,2-Dichloroethane	6.20	62	79930	19.65	ug/l	99
37) Trichloroethene	7.21	130	58572	19.77	ug/l	89
38) Methylcyclohexane	7.46	83	80294	19.90	ug/l	99
39) 1,2-Dichloropropane	7.52	63	53633	19.00	ug/l	98
40) Dibromomethane	7.66	93	36606	19.32	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061818\
 Data File : VX002678.D
 Acq On : 18 Jun 2018 13:10
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

MMDadoda
 6/19/2018 1:05:28 PM

Quant Time: Jun 18 15:08:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 18 14:58:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	66572	16.94	ug/l	97
42) Vinyl Acetate	3.83	43	722822	94.72	ug/l	99
43) Ethyl Acetate	4.86	43	76175	16.09	ug/l	100
44) Isopropyl Acetate	6.47	43	123700	15.71	ug/l	100
45) 1,4-Dioxane	7.76	88	25565	341.33	ug/l #	85
46) Methyl methacrylate	7.78	41	64228	16.11	ug/l	96
47) n-amyl Acetate	10.90	43	111556	15.40	ug/l #	90
48) t-1,3-Dichloropropene	8.44	75	78665	17.81	ug/l	100
49) cis-1,3-Dichloropropene	9.04	75	70157	16.41	ug/l	97
50) 1,1,2-Trichloroethane	9.22	97	53611	19.71	ug/l	98
51) Ethyl methacrylate	9.18	69	79051	16.78	ug/l	96
52) 1,3-Dichloropropane	9.38	76	88152	19.22	ug/l	100
53) Dibromochloromethane	9.59	129	53127	15.99	ug/l	98
54) 1,2-Dibromoethane	9.68	107	55903	18.99	ug/l	100
55) 2-Chloroethyl vinyl ether	8.32	63	190243	86.04	ug/l	98
56) Bromoform	10.86	173	40611	13.90	ug/l	98
58) 4-Methyl-2-Pentanone	8.65	43	404260	80.39	ug/l	98
59) 2-Hexanone	9.50	43	310961	79.69	ug/l	100
61) Tetrachloroethene	9.34	164	64756	18.37	ug/l	98
62) Toluene	8.79	91	229374	19.44	ug/l	99
64) Chlorobenzene	10.14	112	150903	19.76	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.23	131	54681	17.59	ug/l	99
66) Ethyl Benzene	10.26	91	256570	19.34	ug/l	100
67) m/p-Xylenes	10.36	106	197465	39.22	ug/l	98
68) o-Xylene	10.70	106	95546	18.95	ug/l	99
69) Styrene	10.71	104	156469	18.48	ug/l	99
70) Isopropylbenzene	11.02	105	264310	19.58	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	79926	18.89	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	70483m	17.68	ug/l	
73) Bromobenzene	11.26	156	72772	20.07	ug/l	94
74) n-propylbenzene	11.37	91	305948	20.30	ug/l	99
75) 2-Chlorotoluene	11.43	91	178096	19.16	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	221920	19.33	ug/l	99
77) t-1,4-Dichloro-2-butene	11.08	75	20593	14.26	ug/l	92
78) 4-Chlorotoluene	11.51	91	204727	19.37	ug/l	97
79) tert-butylbenzene	12.07	119	243655	20.24	ug/l	100
80) 1,2,4-Trimethylbenzene	11.81	105	227927	19.64	ug/l	98
81) sec-Butylbenzene	11.95	105	272723	20.27	ug/l	99
82) p-Isopropyltoluene	12.07	119	243655	20.24	ug/l	100
83) 1,3-Dichlorobenzene	12.03	146	133015	20.70	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	132691	20.75	ug/l	99
85) n-Butylbenzene	12.39	91	209190	20.72	ug/l	99
86) Hexachloroethane	12.60	117	34536	14.42	ug/l	96
87) 1,2-Dichlorobenzene	12.40	146	134896	20.38	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.01	75	16421	13.32	ug/l	96
89) 1,2,4-Trichlorobenzene	13.65	180	100956	21.48	ug/l	97
90) Hexachlorobutadiene	13.79	225	51768	20.71	ug/l	99
91) Naphthalene	13.84	128	268661	18.12	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	99772	20.33	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061818\
Data File : VX002678.D
Acq On : 18 Jun 2018 13:10
Operator : JC/MD
Sample : VSTDICCC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

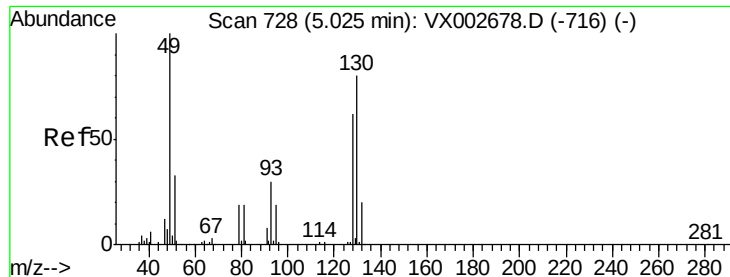
Manual Integrations
APPROVED

MMDadoda
6/19/2018 1:05:28 PM

Quant Time: Jun 18 15:08:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jun 18 14:58:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion:128 Resp: 44848

Ion Ratio Lower Upper

128 100

49 162.5 0.0 423.0

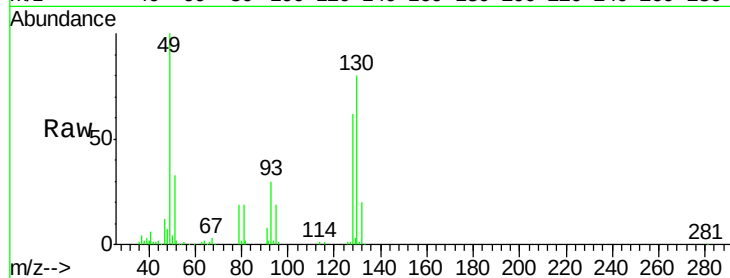
130 129.2 0.0 324.3

Manual Integrations

APPROVED

MMDadoda

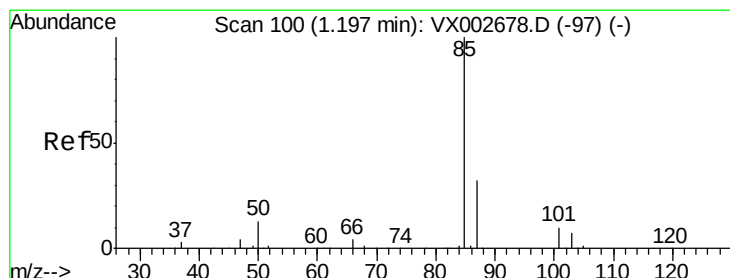
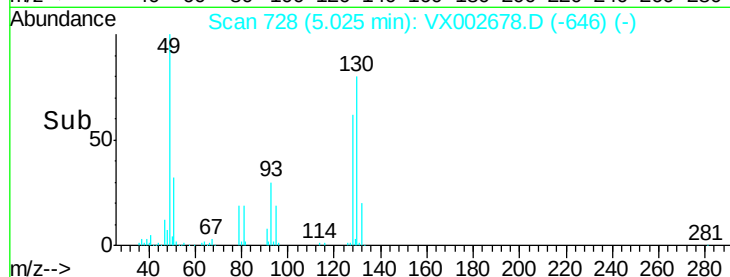
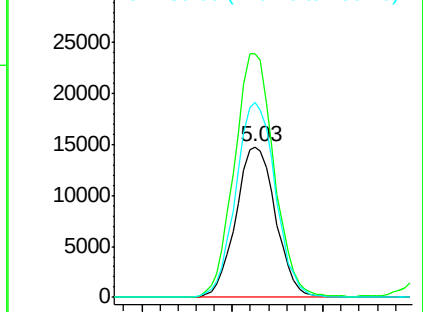
6/19/2018 1:05:28 PM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 17.82 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002678.D

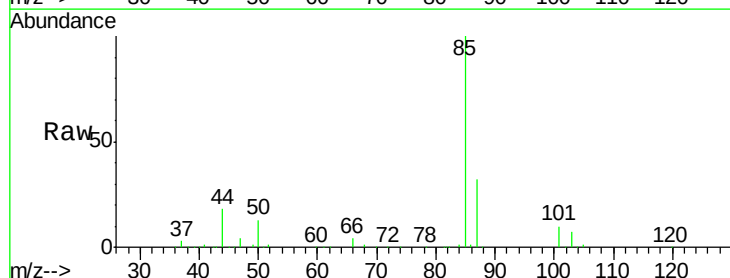
Acq: 18 Jun 2018 13:10

Tgt Ion: 85 Resp: 42428

Ion Ratio Lower Upper

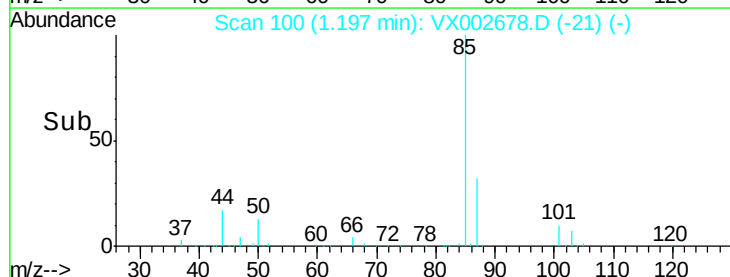
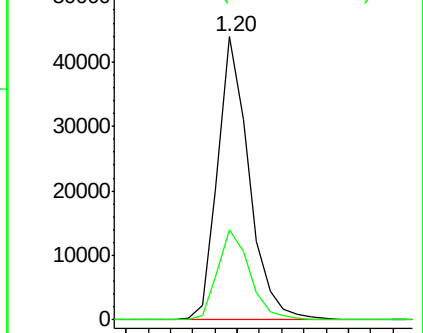
85 100

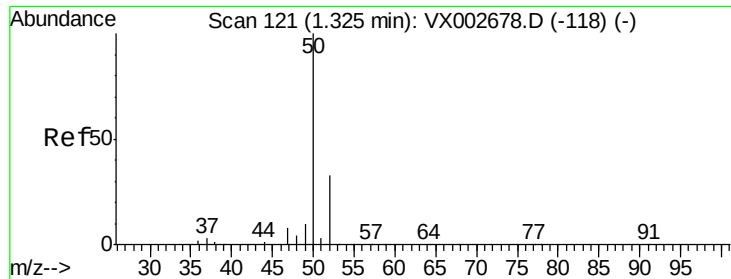
87 31.9 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 16.83 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 50 Resp: 47660

Ion Ratio Lower Upper

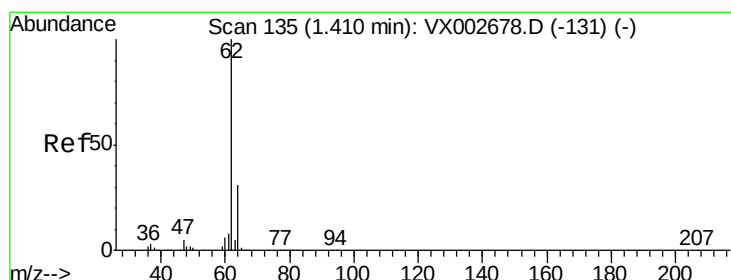
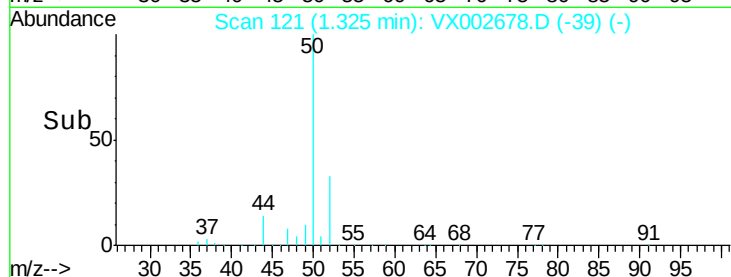
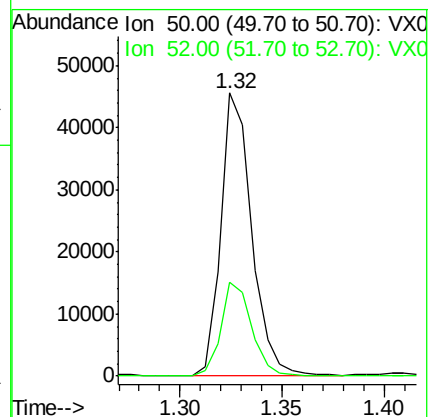
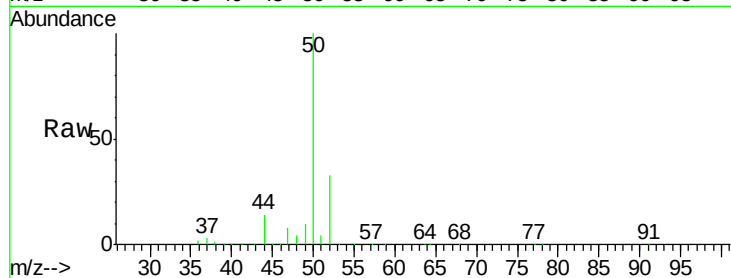
50 100

52 33.4 25.6 38.4

Manual Integrations
APPROVED

MMDadoda

6/19/2018 1:05:28 PM



#4

Vinyl Chloride

Concen: 18.71 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002678.D

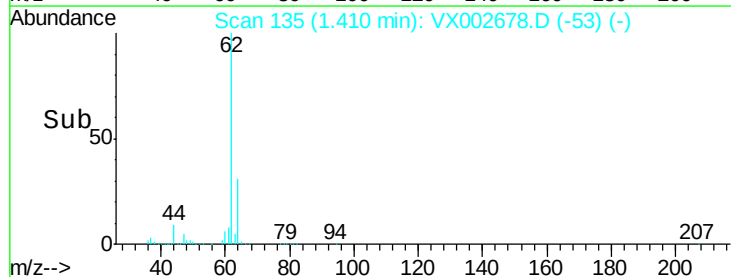
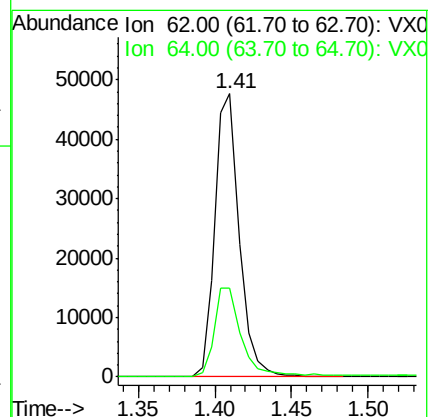
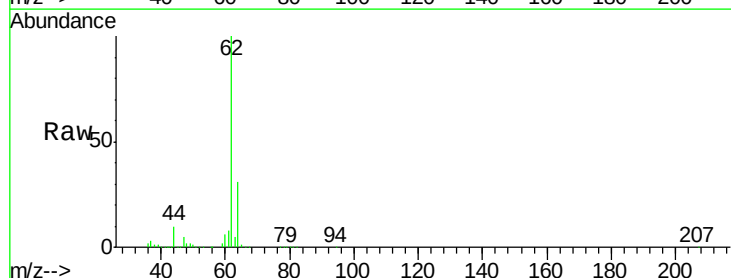
Acq: 18 Jun 2018 13:10

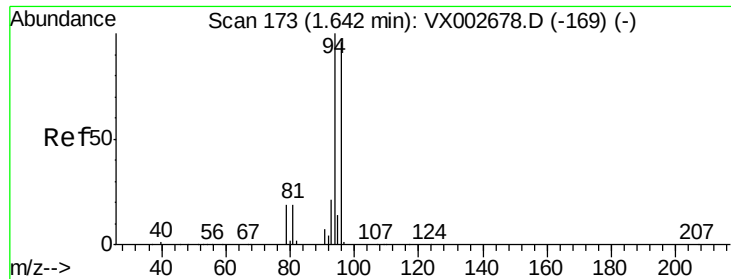
Tgt Ion: 62 Resp: 52709

Ion Ratio Lower Upper

62 100

64 31.1 25.3 37.9





#5

Bromomethane

Concen: 19.19 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 94 Resp: 30289

Ion Ratio Lower Upper

94 100

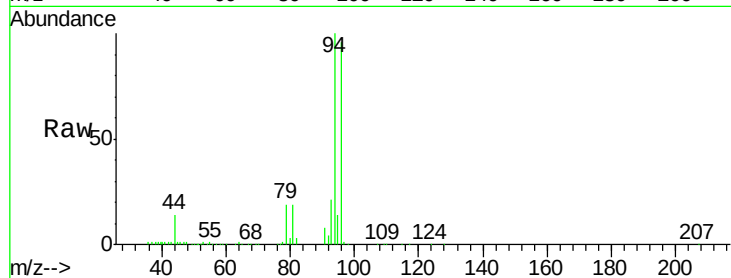
96 96.2 75.7 113.5

Manual Integrations

APPROVED

MMDadoda

6/19/2018 1:05:28 PM



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.64

25000

20000

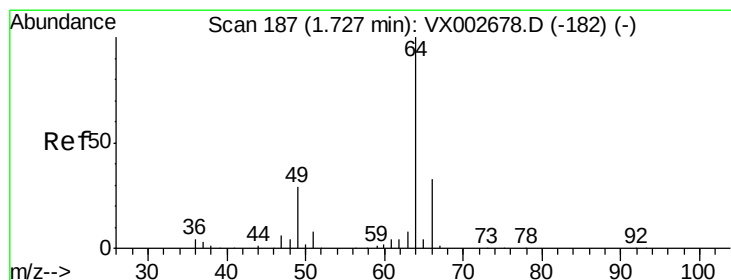
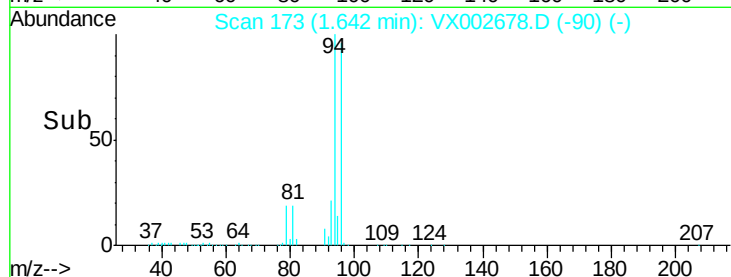
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 21.57 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.02 min

Lab File: VX002678.D

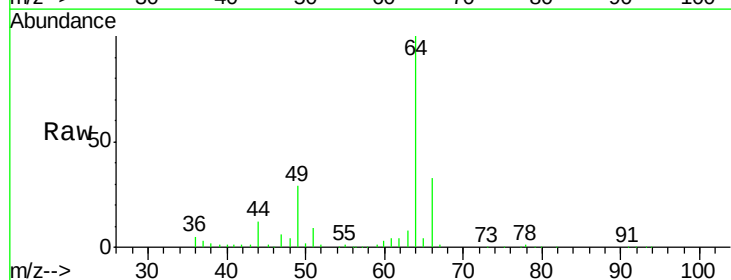
Acq: 18 Jun 2018 13:10

Tgt Ion: 64 Resp: 35947

Ion Ratio Lower Upper

64 100

66 33.3 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

1.73

25000

20000

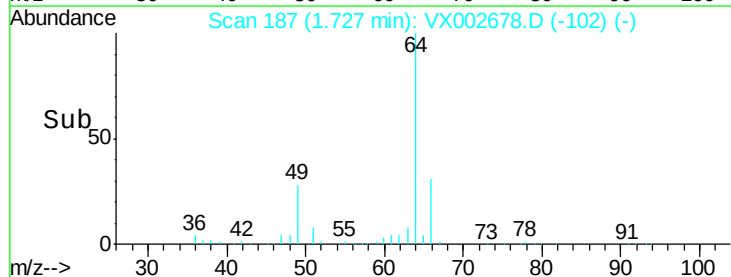
15000

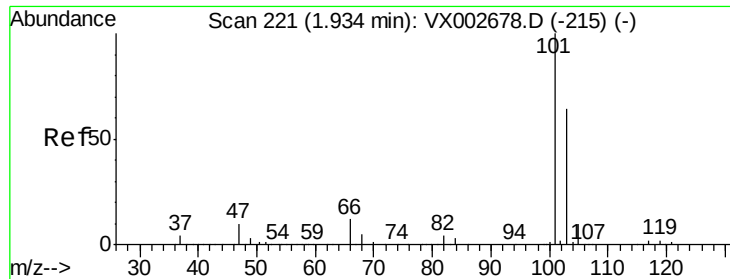
10000

5000

0

Time-->





#7

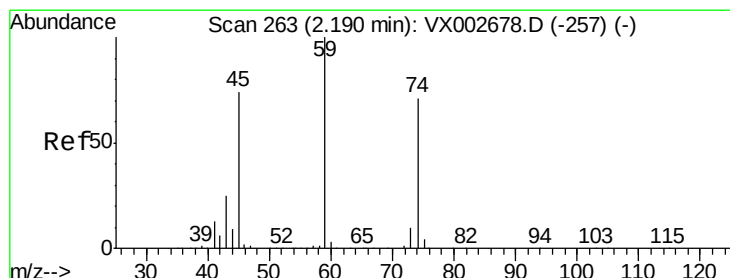
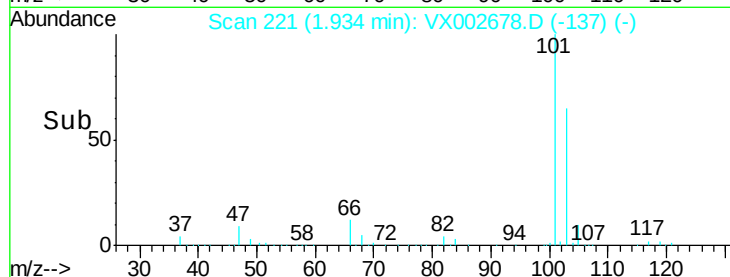
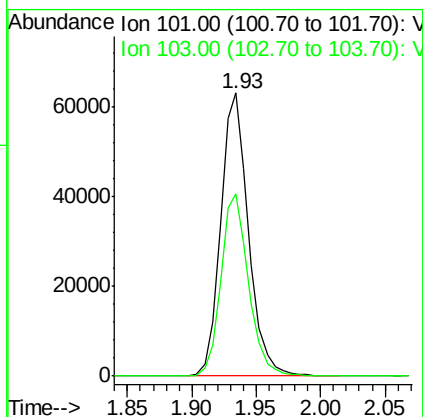
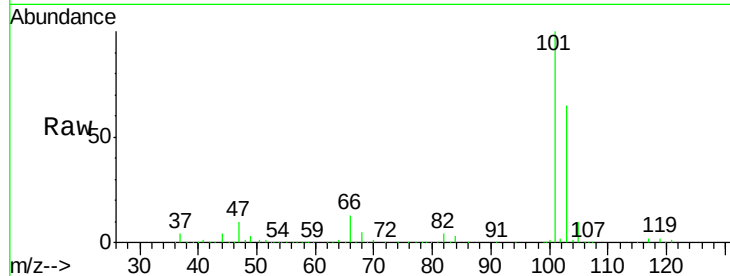
Trichlorofluoromethane
Concen: 22.12 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	101	Resp	95041
Ion Ratio	100	Lower	Upper
101	100		
103	64.5	51.5	77.3

Manual Integrations
APPROVED

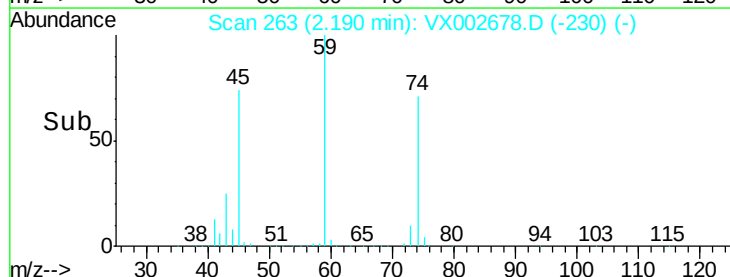
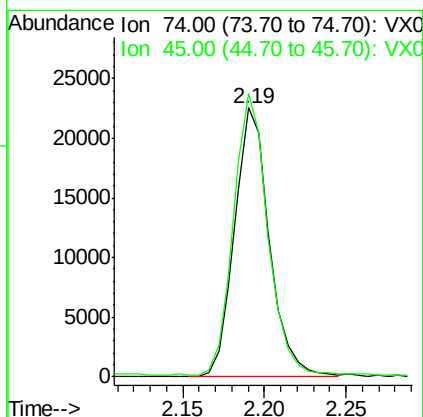
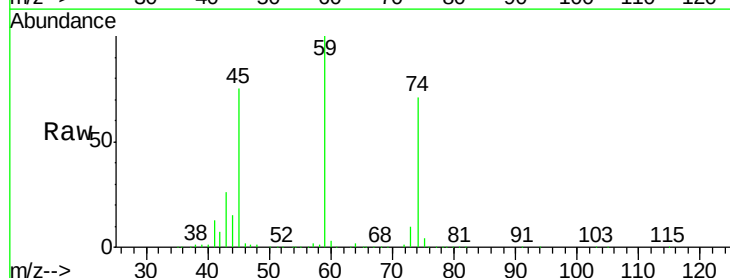
MMDadoda
6/19/2018 1:05:28 PM

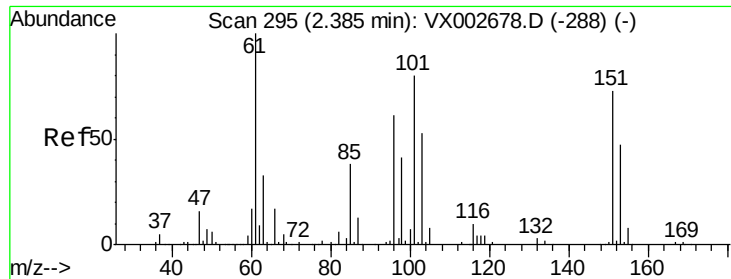


#8

Diethyl Ether
Concen: 20.72 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

Tgt Ion	74	Resp	33509
Ion Ratio	100	Lower	Upper
74	100		
45	102.1	20.5	184.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.86 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Instrument :

MSVOA_X

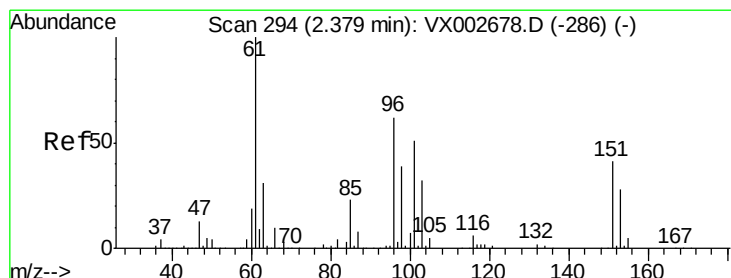
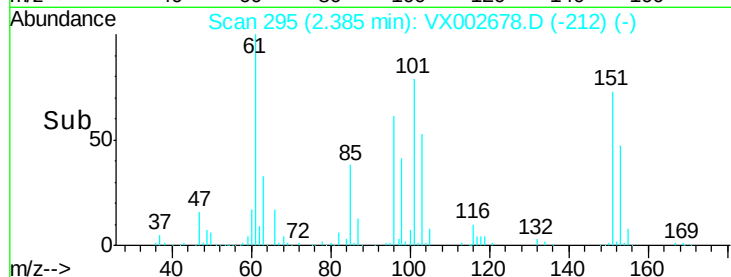
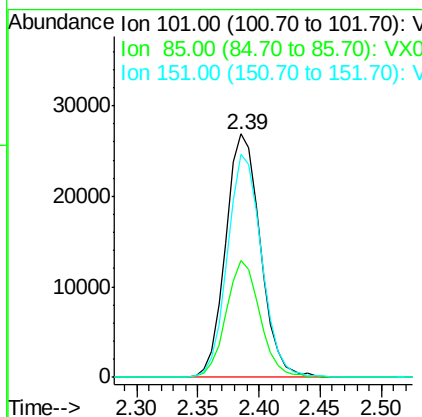
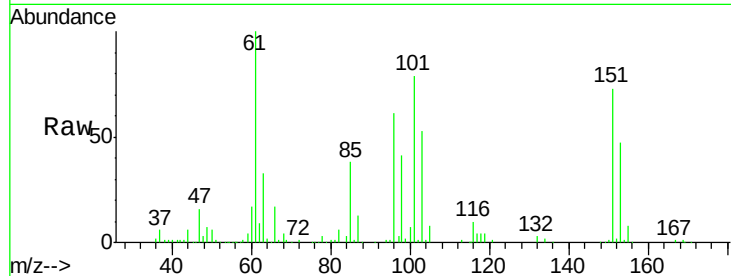
ClientSampleId :

VSTDICCC020

Tot Ion:	101	Resp:	52909
Ion Ratio	Lower	Upper	
101	100		
85	46.7	0.0	87.0
151	90.0	0.0	177.6

Manual Integrations
APPROVED

MMDadoda
6/19/2018 1:05:28 PM



#10

1,1-Dichloroethene

Concen: 21.08 ug/l

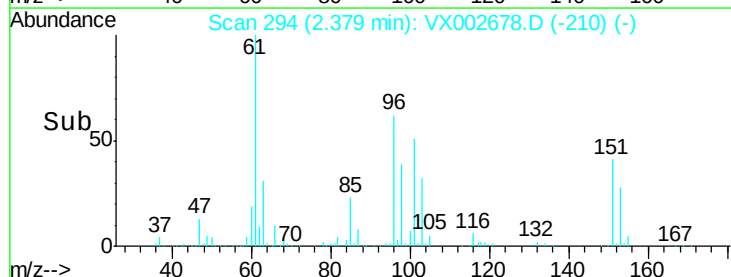
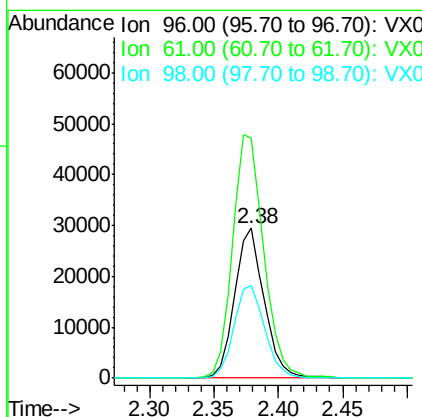
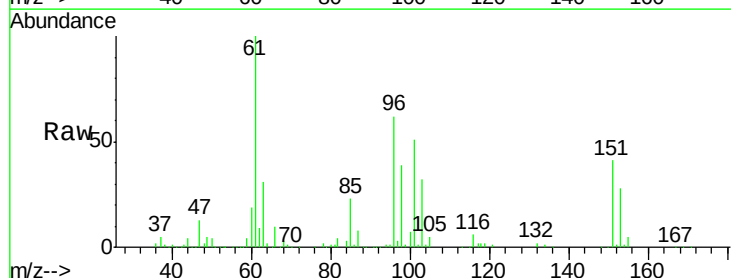
RT: 2.38 min Scan# 294

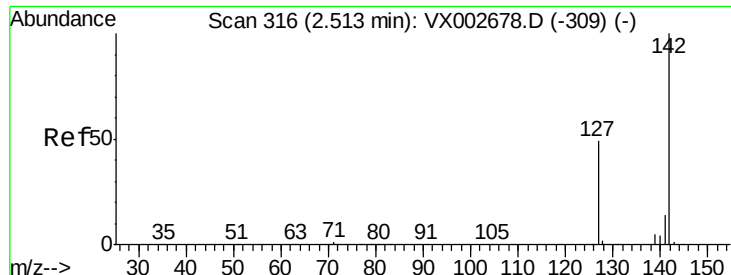
Delta R.T. 0.01 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Tgt Ion:	96	Resp:	47034
Ion Ratio	Lower	Upper	
96	100		
61	160.4	137.5	206.3
98	62.0	51.4	77.2





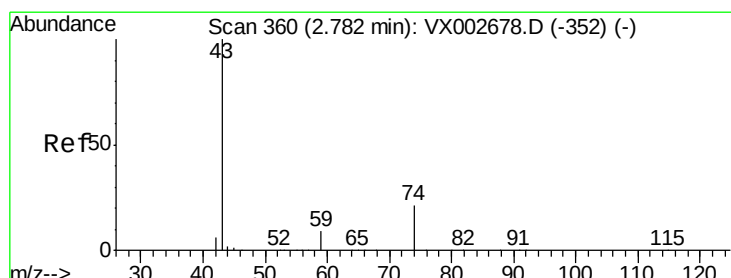
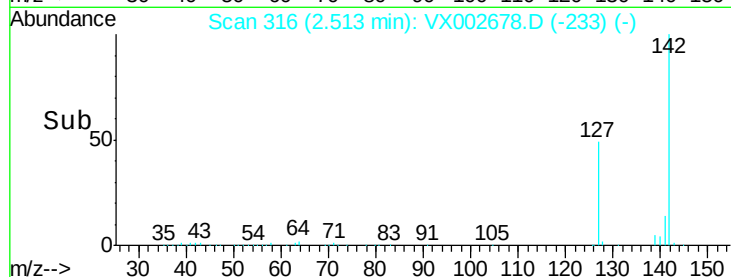
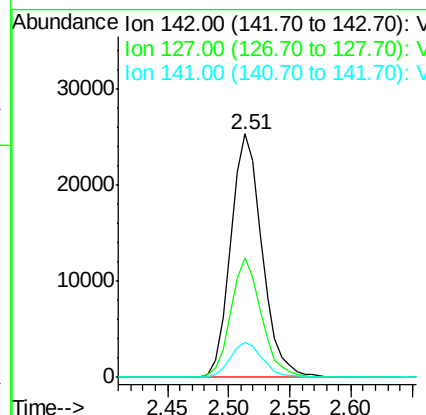
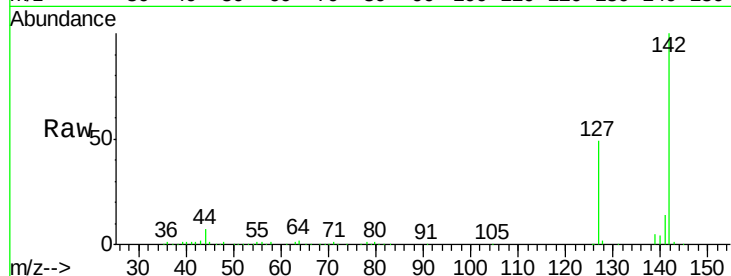
#11
Methvl Iodide
Concen: 12.79 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	48.9	23.2	69.6
141	14.4	7.4	22.2

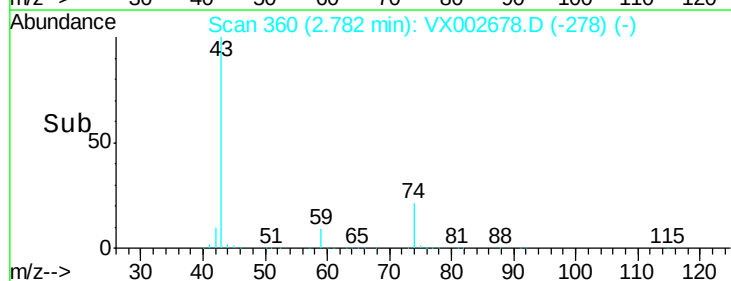
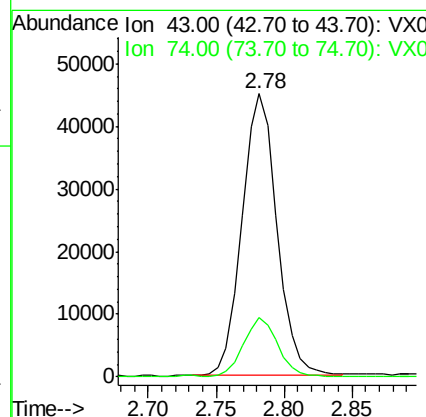
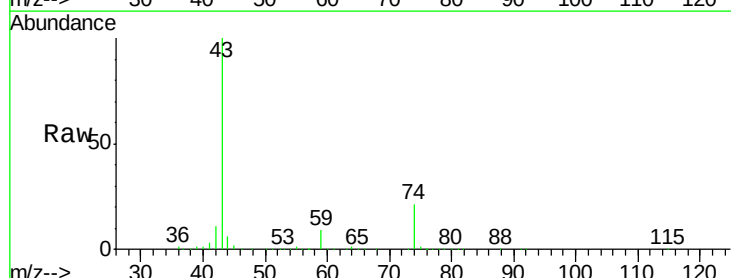
Manual Integrations
APPROVED

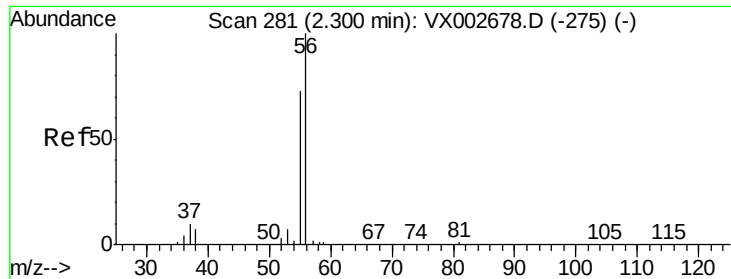
MMDadoda
6/19/2018 1:05:28 PM



#12
Methyl Acetate
Concen: 22.26 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.7	16.4	24.6





#13

Acrolein

Concen: 74.56 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 56 Resp: 22960

Ion Ratio Lower Upper

56 100

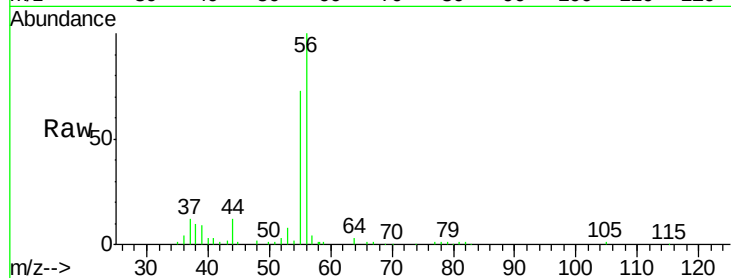
55 73.1 57.3 85.9

Manual Integrations

APPROVED

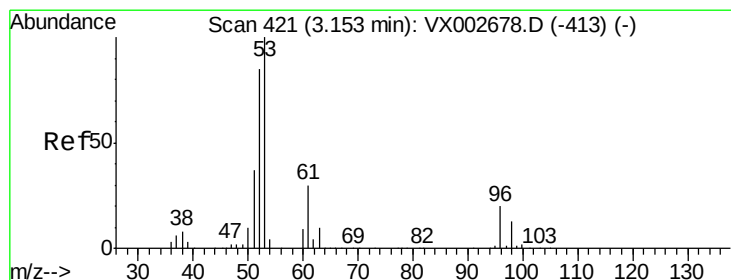
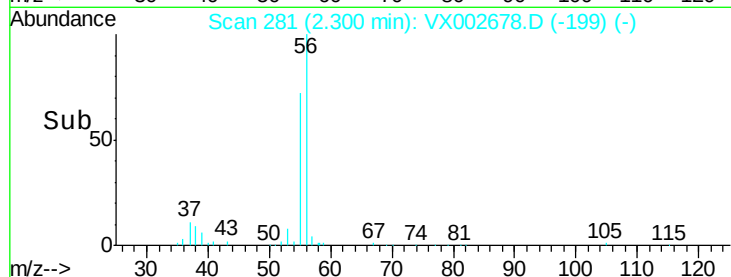
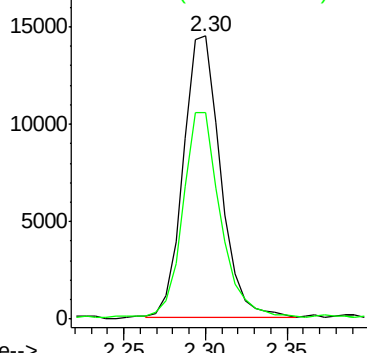
MMDadoda

6/19/2018 1:05:28 PM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 98.11 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

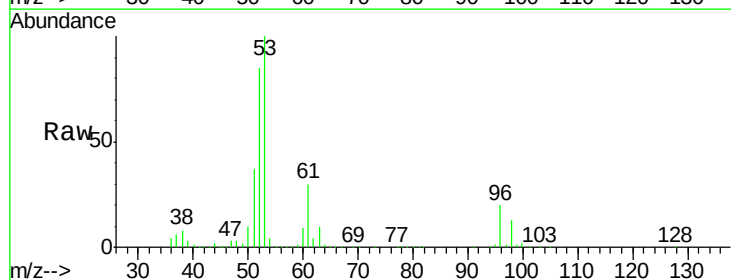
Tgt Ion: 53 Resp: 145977

Ion Ratio Lower Upper

53 100

52 82.4 41.5 124.6

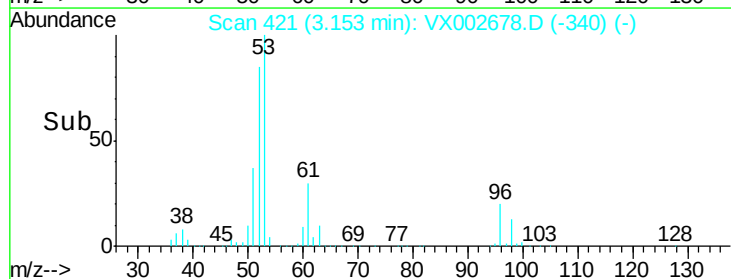
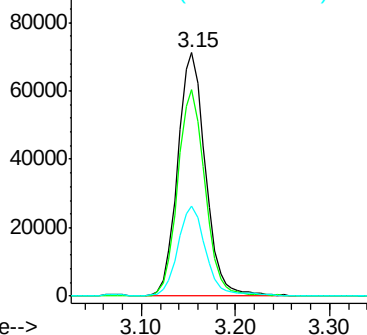
51 37.0 17.9 53.8

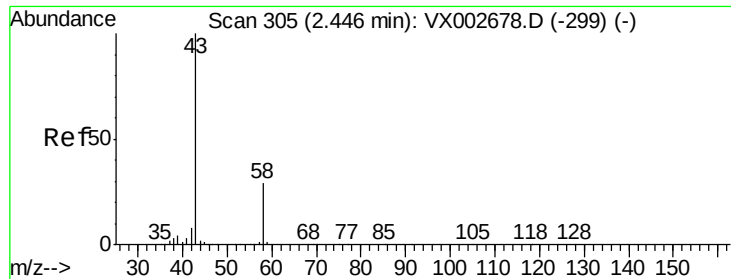


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 106.98 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 58 Resp: 42434

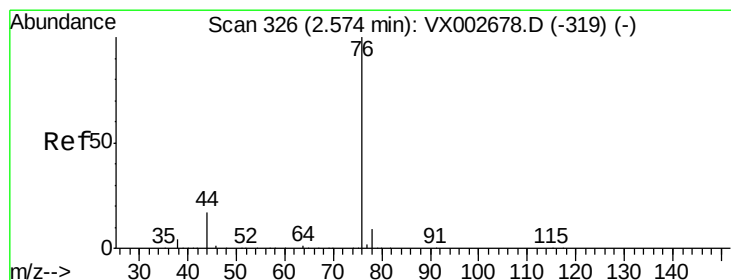
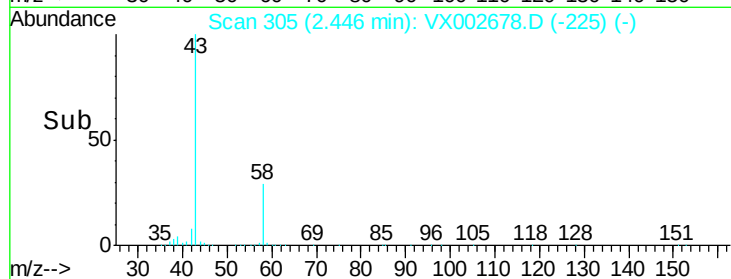
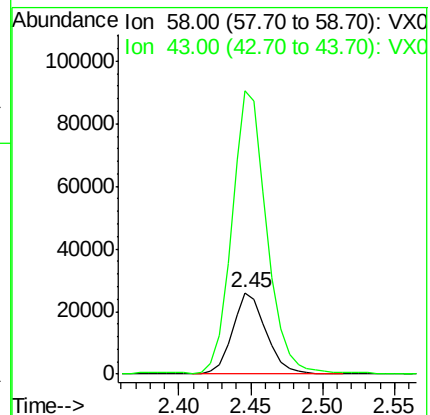
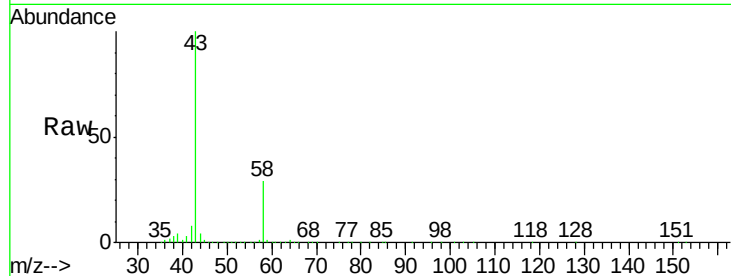
Ion Ratio Lower Upper

58 100

43 346.0 278.8 418.2

Manual Integrations
APPROVED

MMDadoda
6/19/2018 1:05:28 PM



#16

Carbon Disulfide

Concen: 17.63 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002678.D

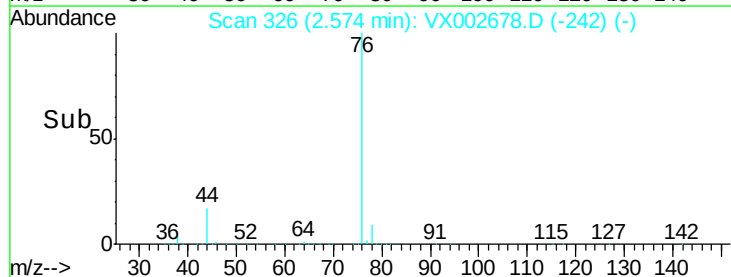
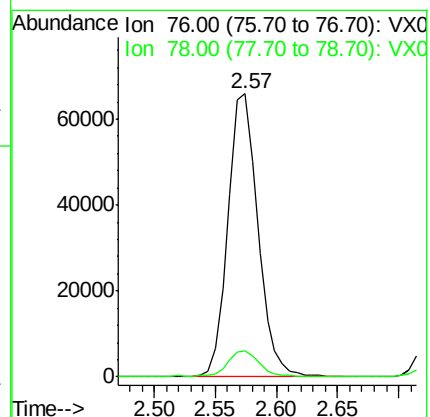
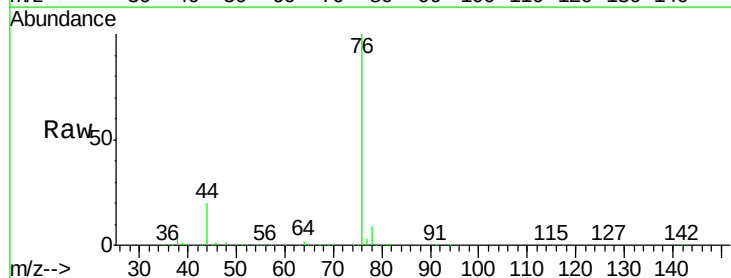
Acq: 18 Jun 2018 13:10

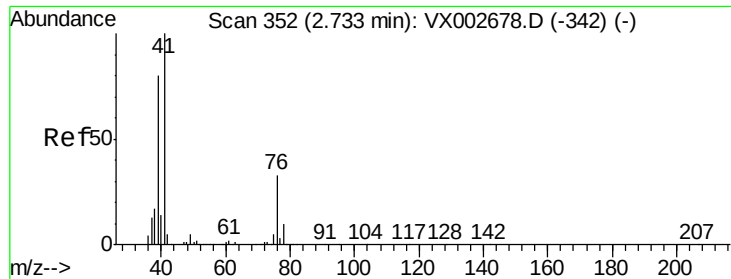
Tgt Ion: 76 Resp: 112328

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.0





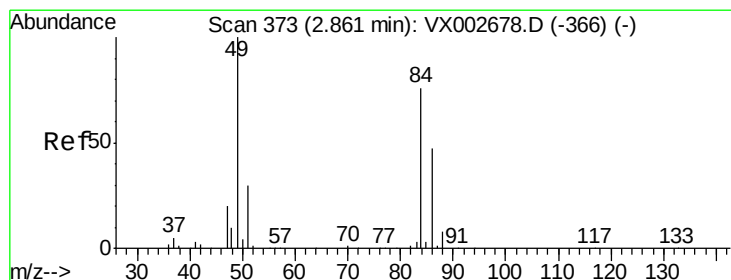
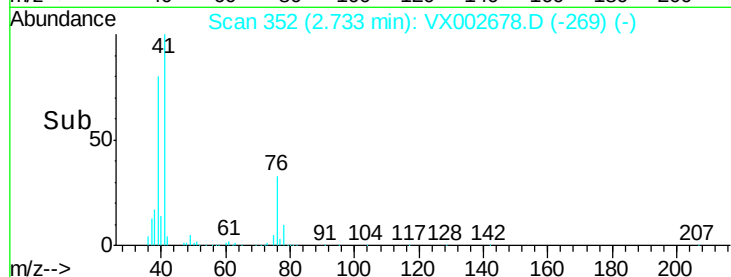
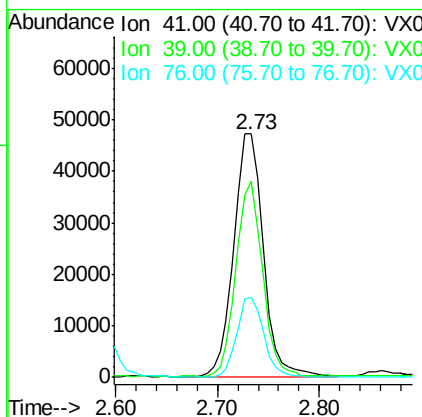
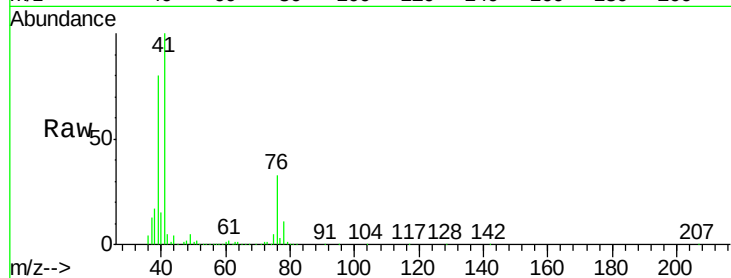
#17
Allvl chloride
Concen: 20.54 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion:	41	Resp:	94604
Ion	Ratio	Lower	Upper
41	100		
39	80.2	34.6	103.8
76	32.8	15.0	45.1

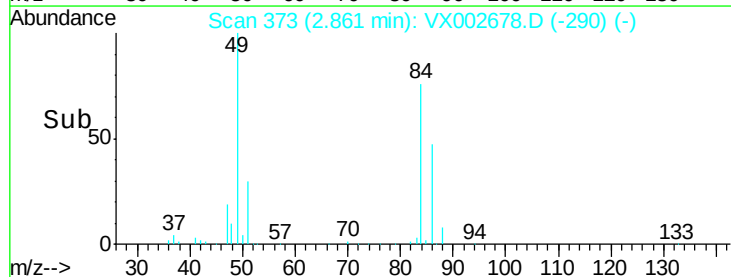
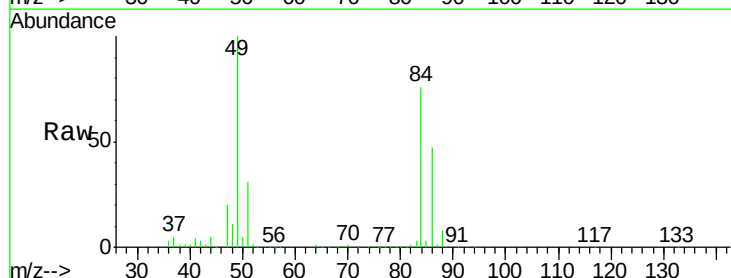
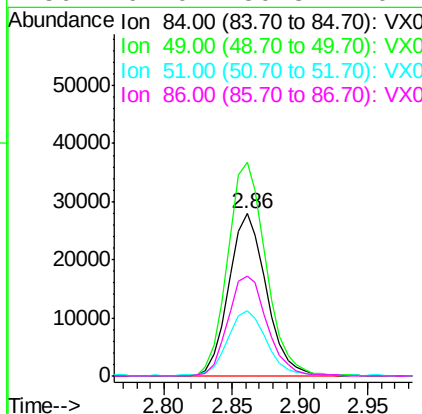
Manual Integrations
APPROVED

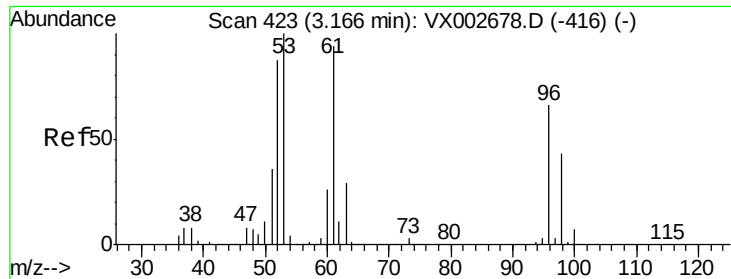
MMDadoda
6/19/2018 1:05:28 PM



#18
Methylene Chloride
Concen: 21.50 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

Tgt Ion:	84	Resp:	53914
Ion	Ratio	Lower	Upper
84	100		
49	131.5	104.7	157.1
51	39.7	31.0	46.4
86	62.0	50.8	76.2





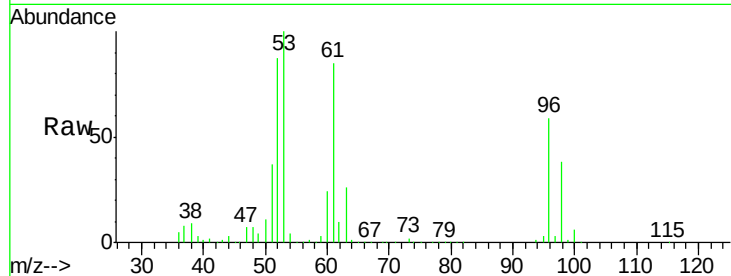
#19
trans-1,2-Dichloroethene
Concen: 21.30 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.01 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.2	114.6	172.0
98	64.7	51.3	76.9

Manual Integrations
APPROVED

MMDadoda
6/19/2018 1:05:28 PM

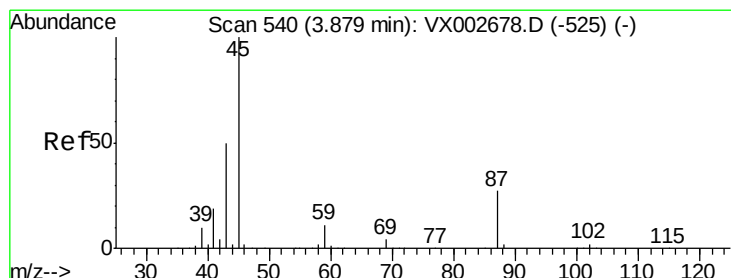
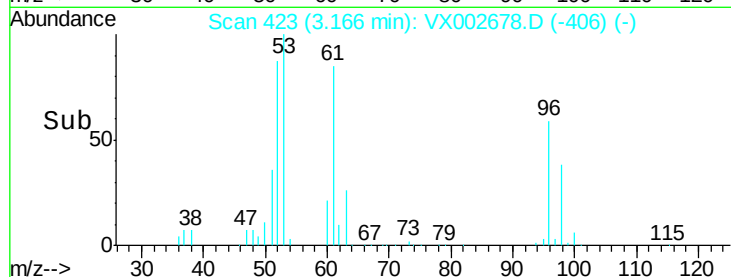
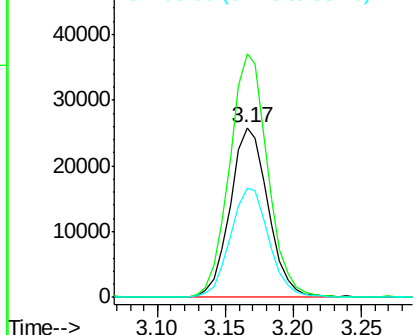


Abundance

Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20
Diisopropyl ether
Concen: 19.30 ug/l
RT: 3.88 min Scan# 540
Delta R.T. -0.00 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

Tgt Ion	Ratio	Lower	Upper
45	100		
43	57.7	45.6	68.4
87	27.5	20.7	31.1
59	10.9	8.9	13.3

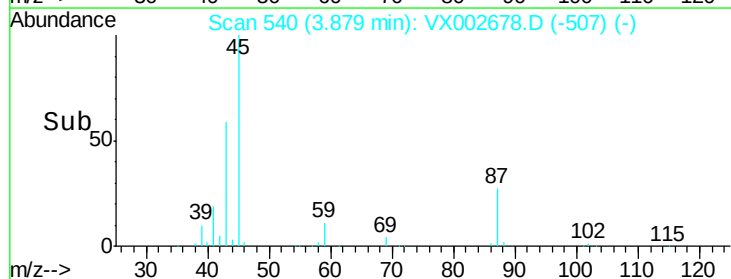
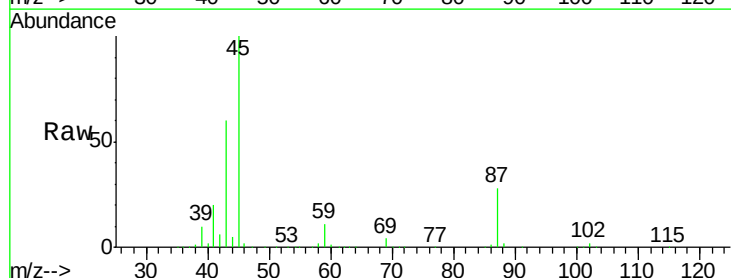
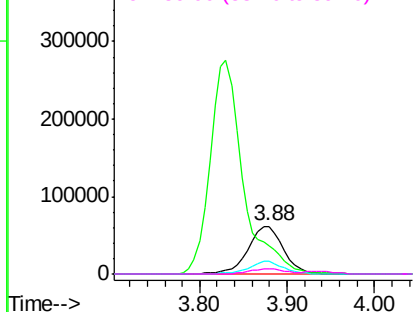
Abundance

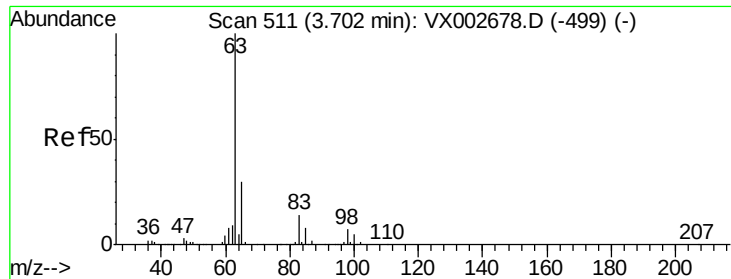
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





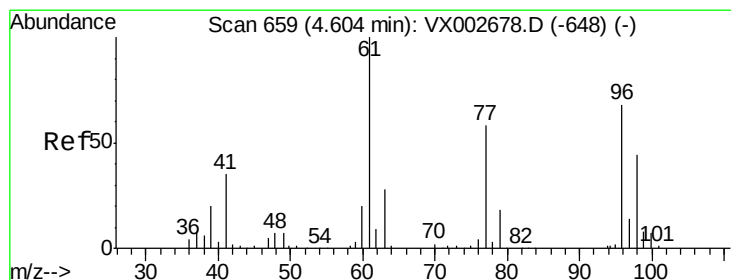
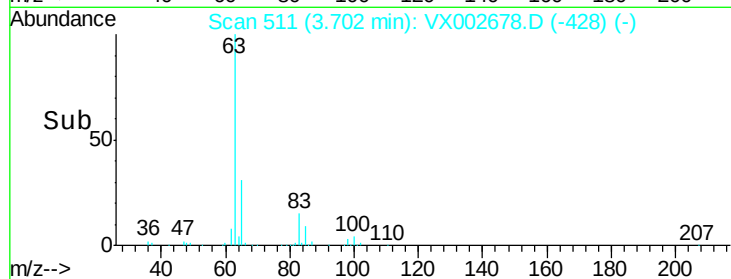
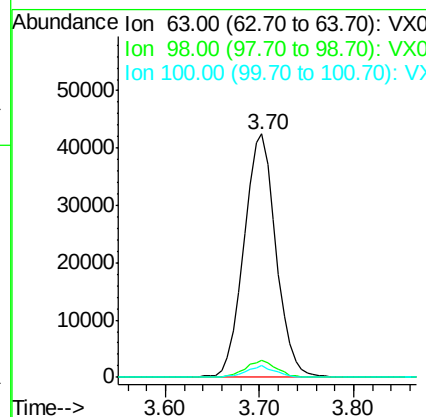
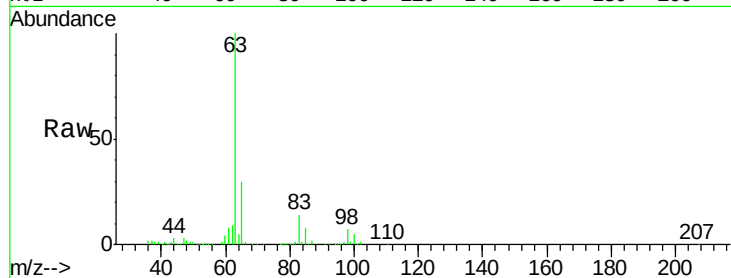
#21
1,1-Dichloroethane
Concen: 21.57 ug/l
RT: 3.70 min Scan# 511
Delta R.T. 0.01 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Resp Lower	Upper
63	100		
98	6.8	3.1	9.3
100	4.7	2.2	6.6

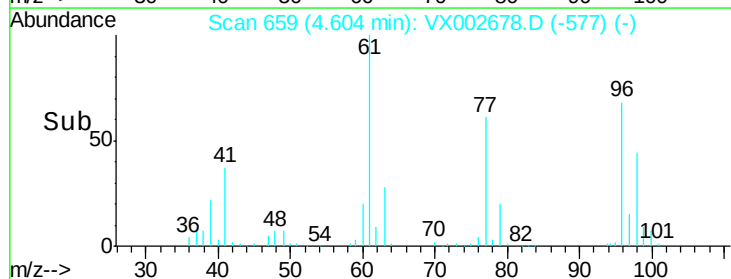
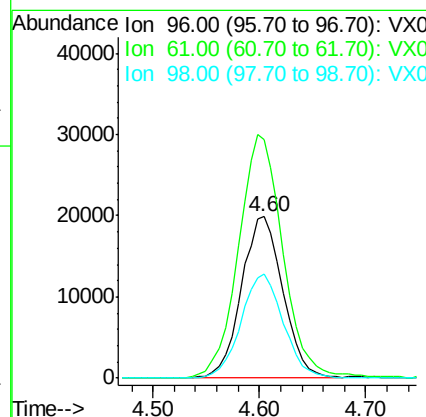
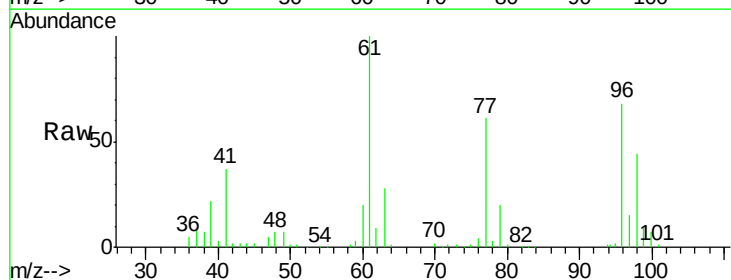
Manual Integrations
APPROVED

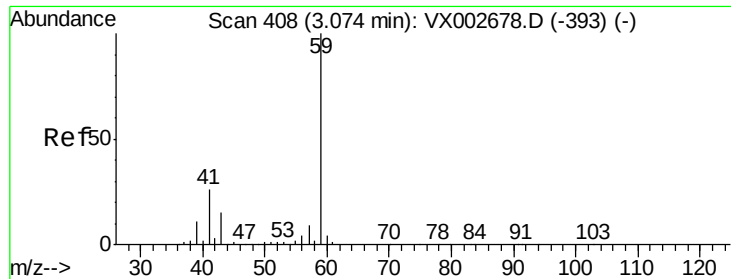
MMDadoda
6/19/2018 1:05:28 PM



#22
cis-1,2-Dichloroethene
Concen: 19.35 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	159.6	160.2	240.2#
98	65.4	54.1	81.1





#23

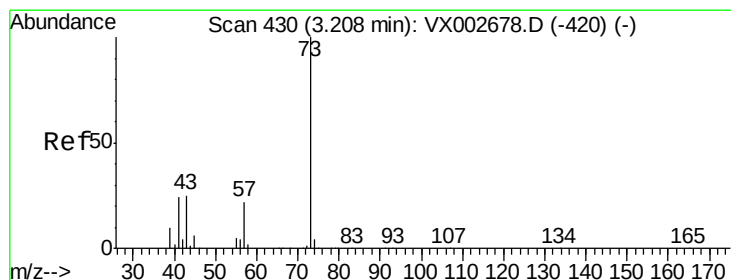
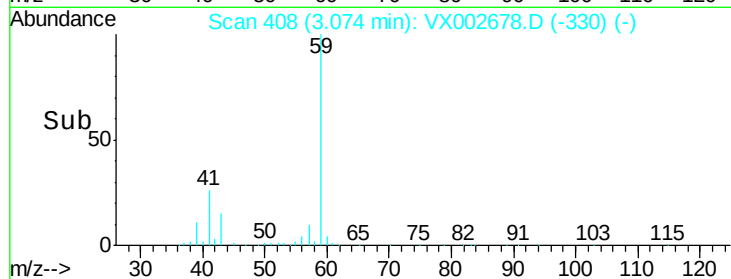
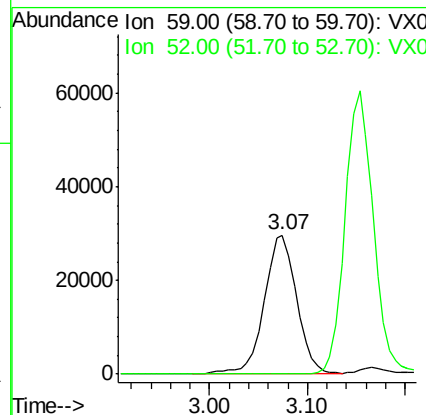
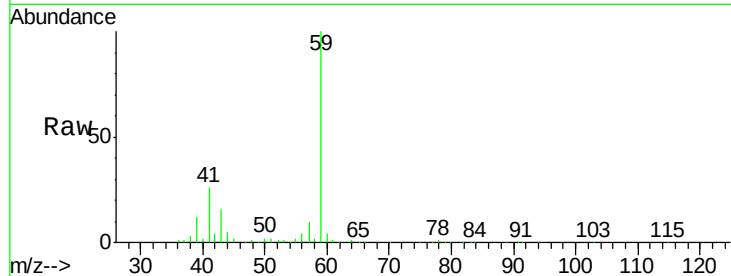
tert-Butyl Alcohol
 Concen: 89.12 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.02 min
 Lab File: VX002678.D
 Acq: 18 Jun 2018 13:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.5	0.2	0.2#

Manual Integrations
 APPROVED

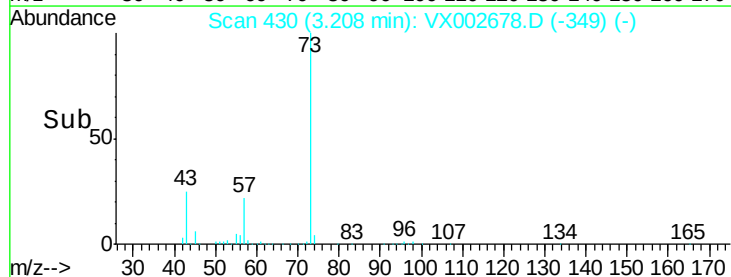
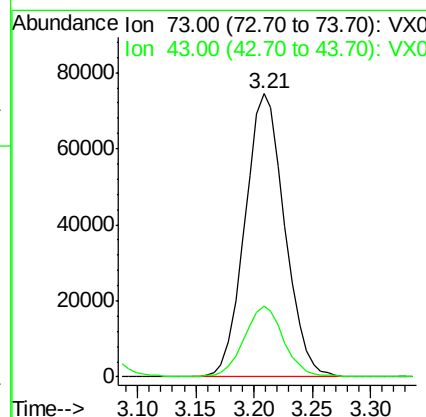
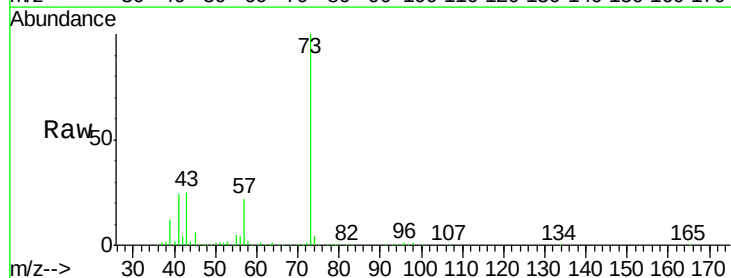
MMDadoda
 6/19/2018 1:05:28 PM

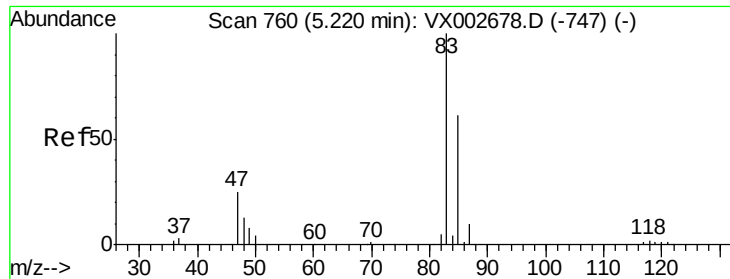


#24

Methyl tert-Butyl Ether
 Concen: 20.28 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: VX002678.D
 Acq: 18 Jun 2018 13:10

Tgt Ion	Ratio	Lower	Upper
73	100		
43	24.5	19.0	28.4





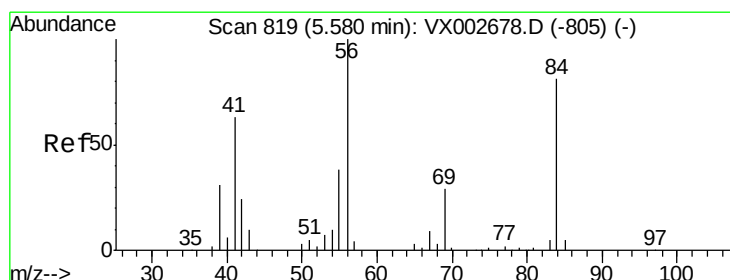
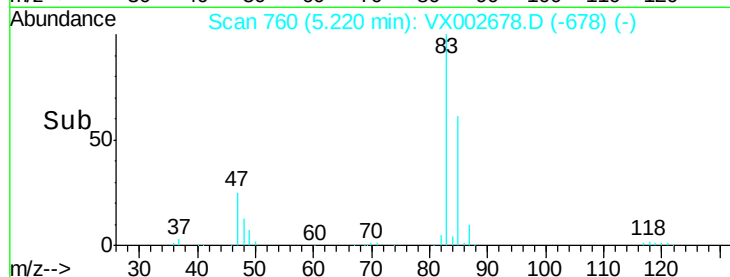
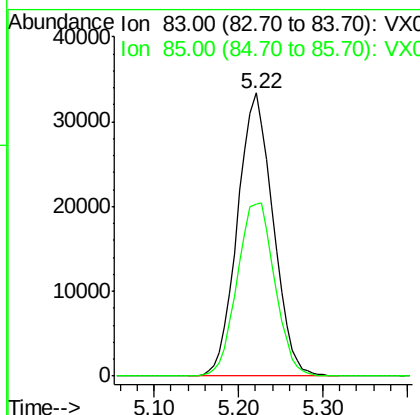
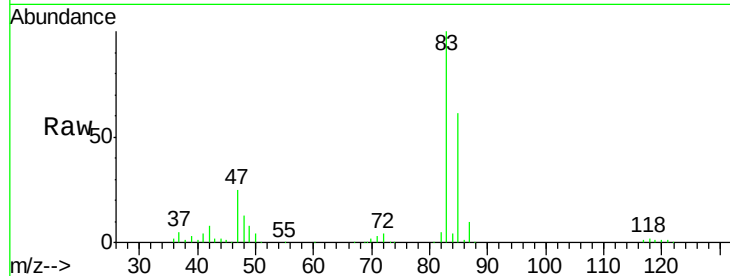
#25
Chloroform
Concen: 19.42 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	83	Resp	95575
Ion Ratio	100	Lower	Upper
85	60.8	51.9	77.9

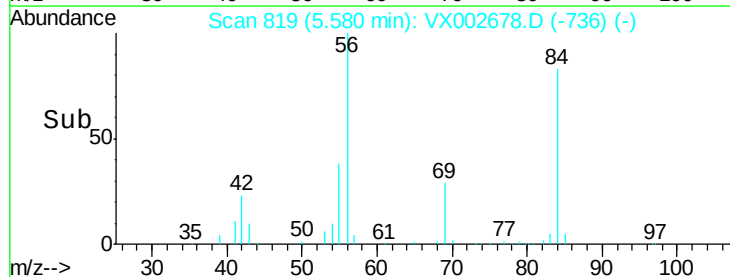
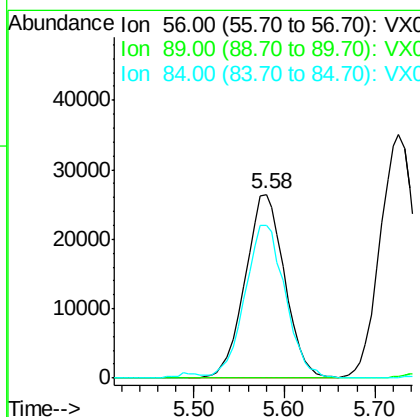
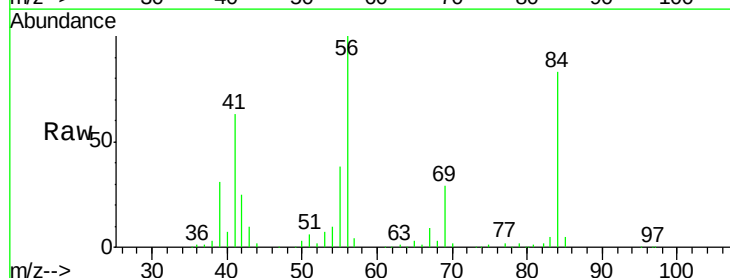
Manual Integrations
APPROVED

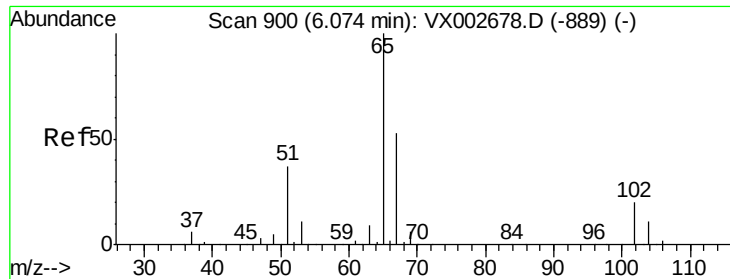
MMDadoda
6/19/2018 1:05:28 PM



#26
Cyclohexane
Concen: 18.52 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

Tgt Ion	56	Resp	79780
Ion Ratio	100	Lower	Upper
89	0.0	0.1	0.1#
84	85.3	64.9	97.3





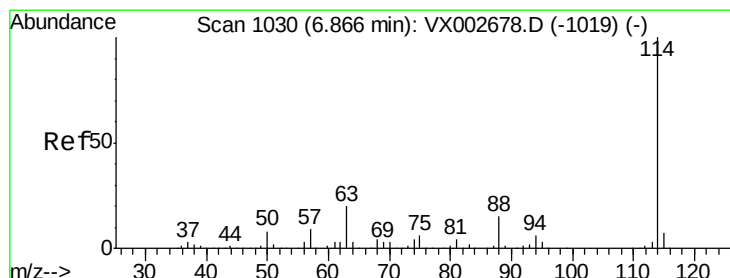
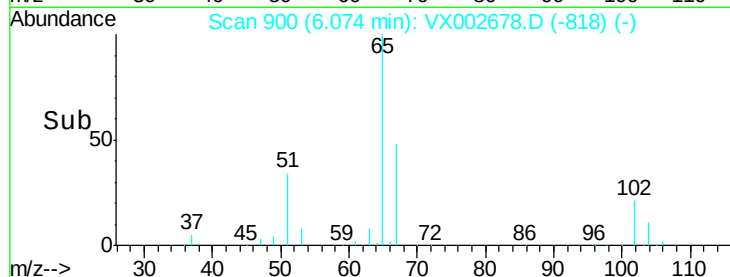
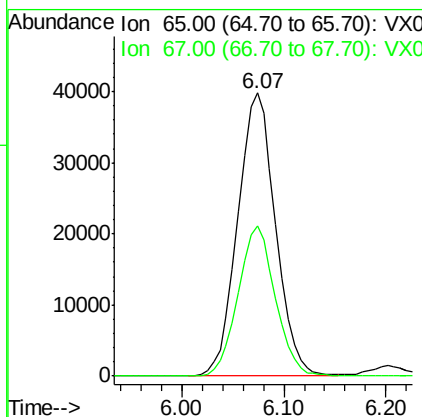
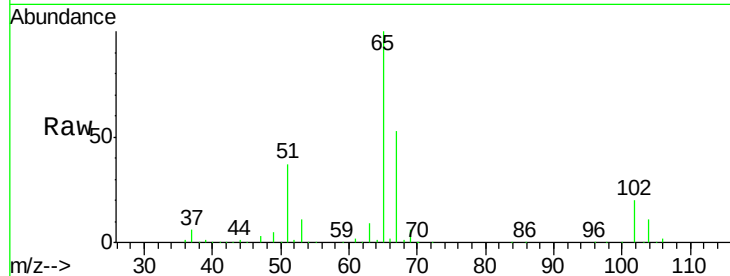
#27
 1,2-Dichloroethane-d4
 Concen: 29.08 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002678.D
 Acq: 18 Jun 2018 13:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.0	40.9	61.3

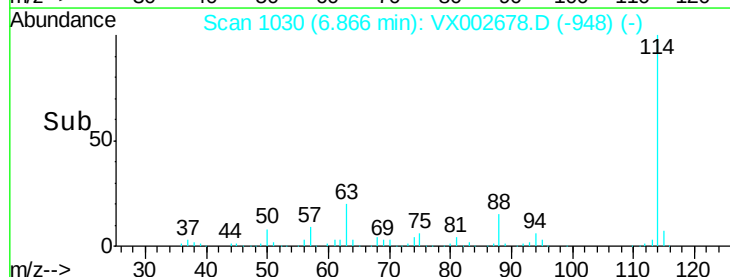
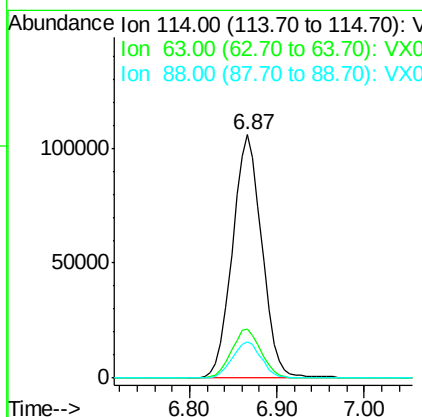
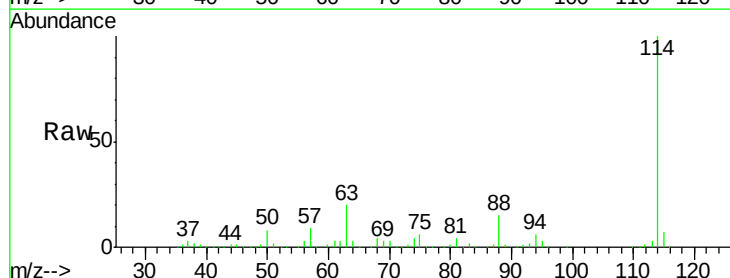
Manual Integrations
 APPROVED

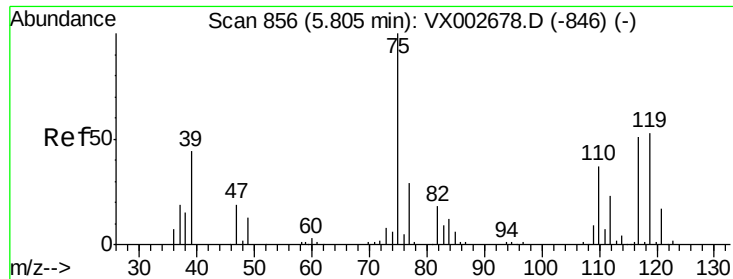
MMDadoda
 6/19/2018 1:05:28 PM



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002678.D
 Acq: 18 Jun 2018 13:10

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.3	17.1	25.7
88	14.8	12.6	19.0





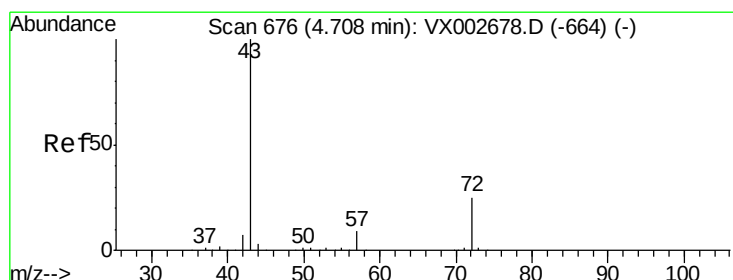
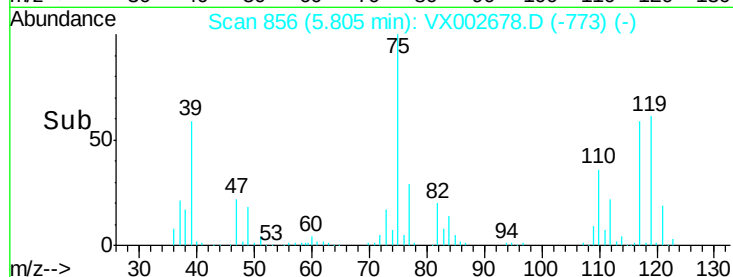
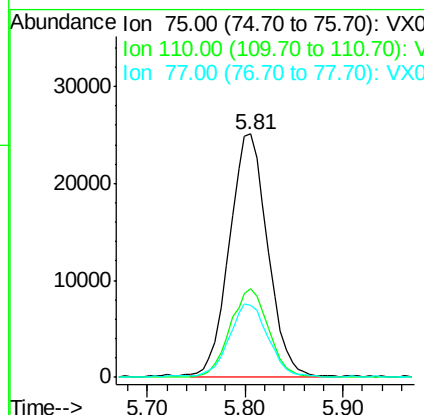
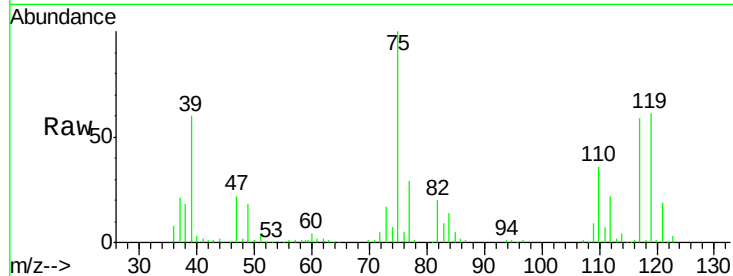
#29
 1,1-Dichloropropene
 Concen: 19.66 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.01 min
 Lab File: VX002678.D
 Acq: 18 Jun 2018 13:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
75	100		
110	36.6	0.0	71.4
77	30.9	0.0	60.6

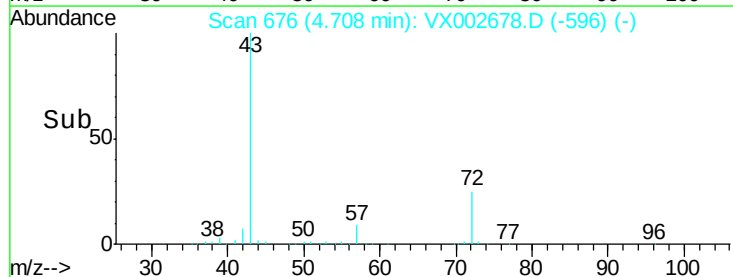
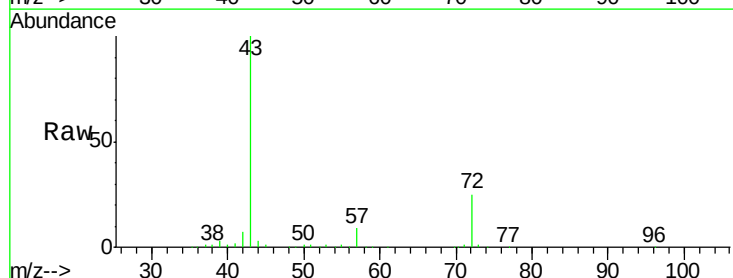
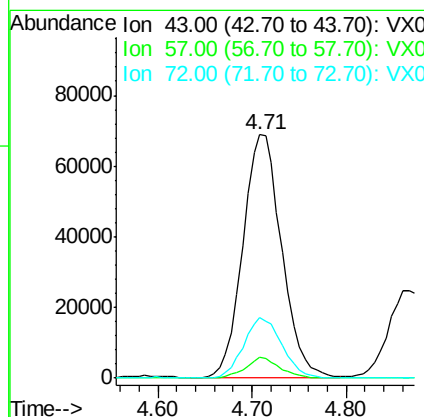
Manual Integrations
 APPROVED

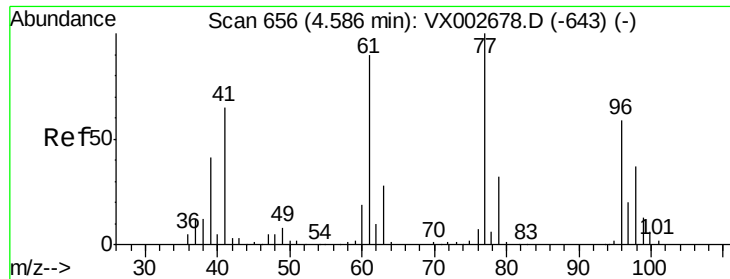
MMDadoda
 6/19/2018 1:05:28 PM



#30
 2-Butanone
 Concen: 82.13 ug/l
 RT: 4.71 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: VX002678.D
 Acq: 18 Jun 2018 13:10

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.5	6.1	9.1
72	24.5	18.1	27.1





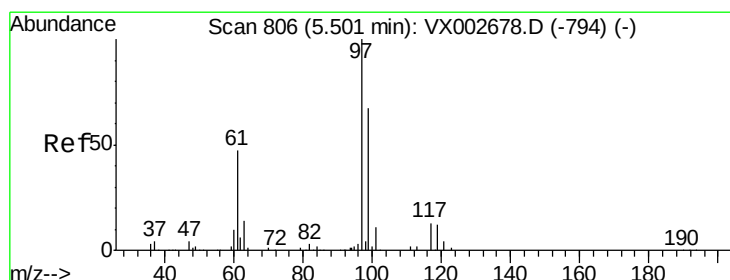
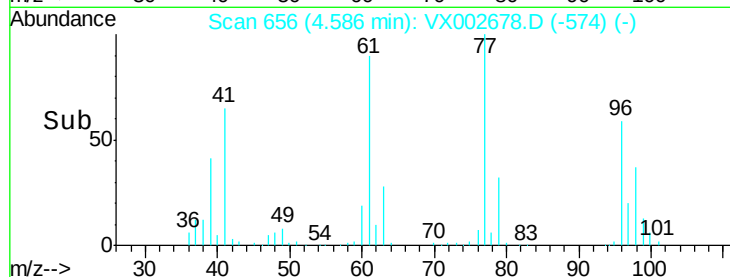
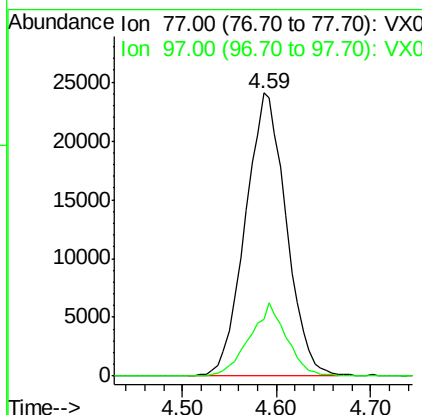
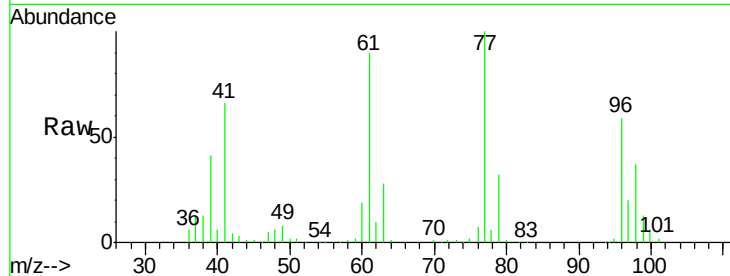
#31
 2,2-Dichloropropane
 Concen: 24.14 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. -0.00 min
 Lab File: VX002678.D
 Acq: 18 Jun 2018 13:10

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC020

Tot Ion: 77 Resp: 73369
 Ion Ratio Lower Upper
 77 100
 97 23.4 18.7 28.1

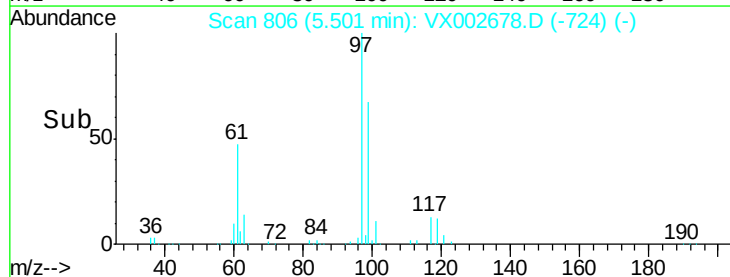
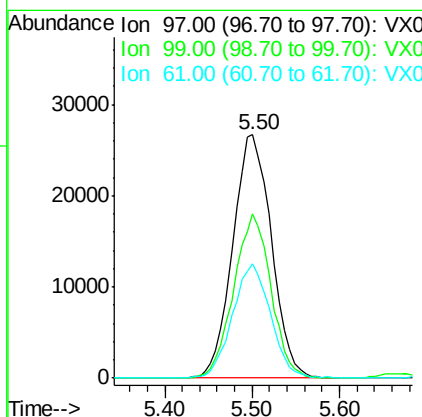
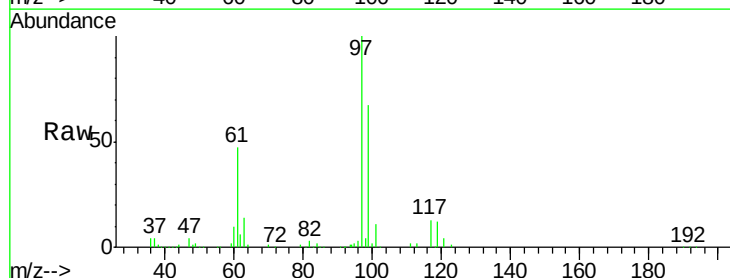
Manual Integrations
 APPROVED

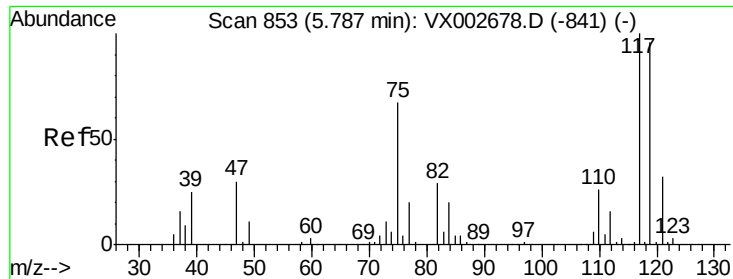
MMDadoda
 6/19/2018 1:05:28 PM



#32
 1,1,1-Trichloroethane
 Concen: 18.19 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX002678.D
 Acq: 18 Jun 2018 13:10

Tgt Ion: 97 Resp: 82138
 Ion Ratio Lower Upper
 97 100
 99 64.6 51.7 77.5
 61 46.0 36.4 54.6





#33

Carbon Tetrachloride

Concen: 17.42 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion:117 Resp: 71475

Ion Ratio Lower Upper

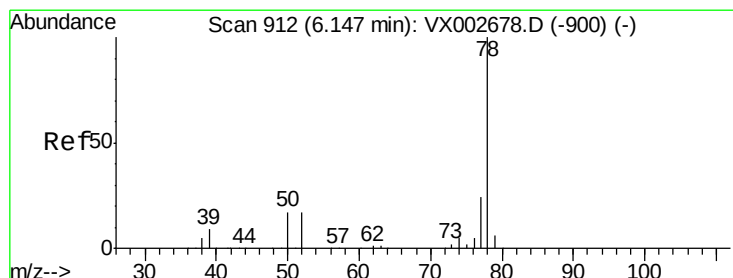
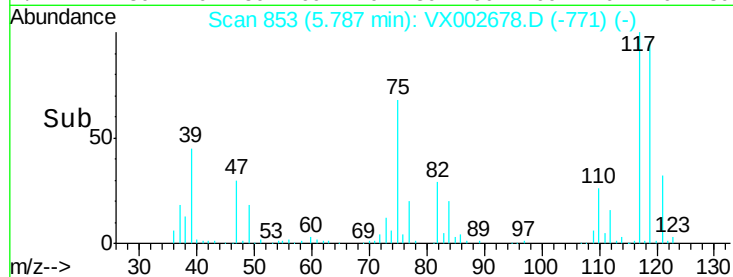
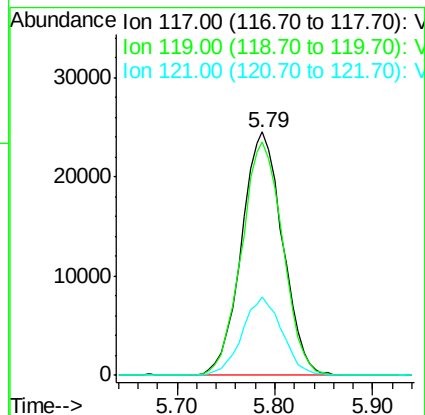
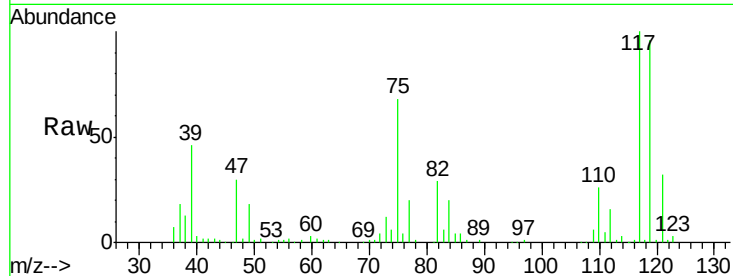
117 100

119 95.7 73.3 109.9

121 32.4 23.6 35.4

Manual Integrations
APPROVED

MMDadoda
6/19/2018 1:05:28 PM



#34

Benzene

Concen: 19.38 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.00 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

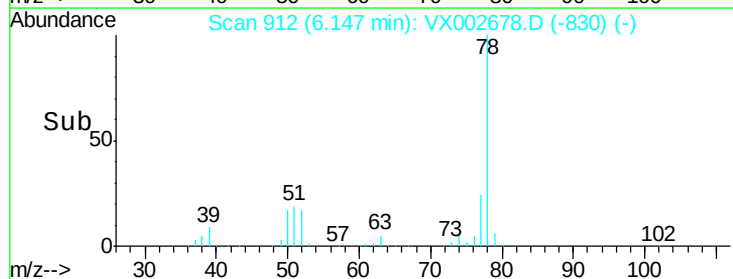
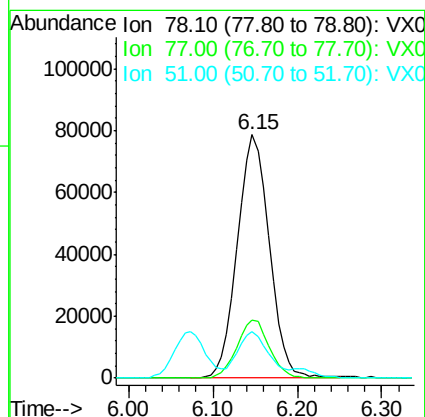
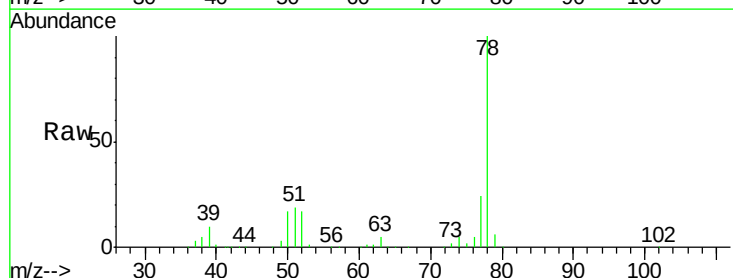
Tgt Ion: 78 Resp: 202401

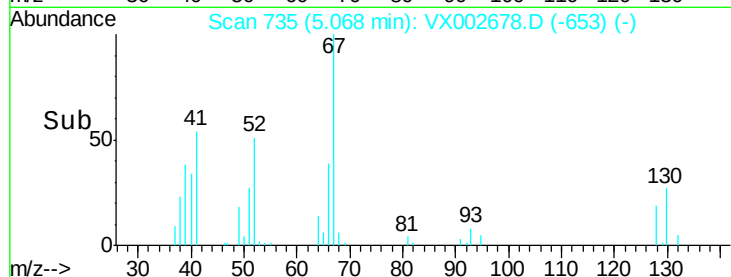
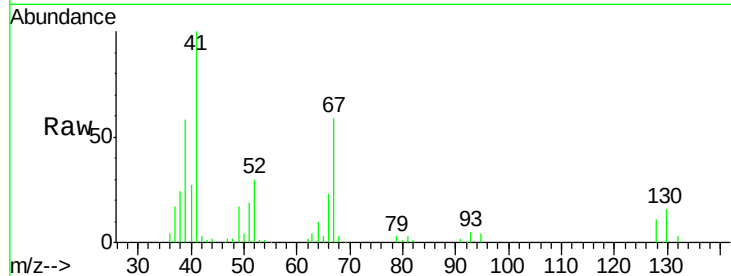
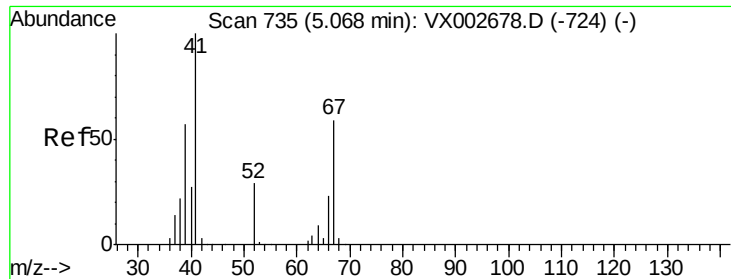
Ion Ratio Lower Upper

78 100

77 23.6 19.4 29.0

51 18.6 13.8 20.6





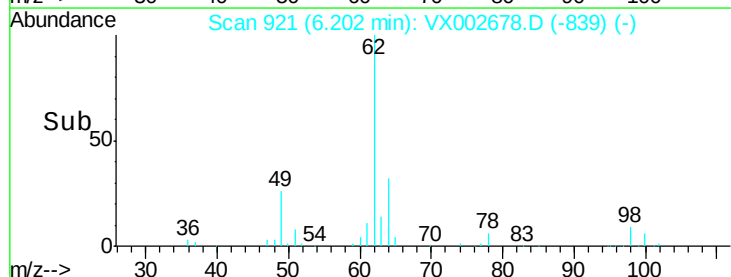
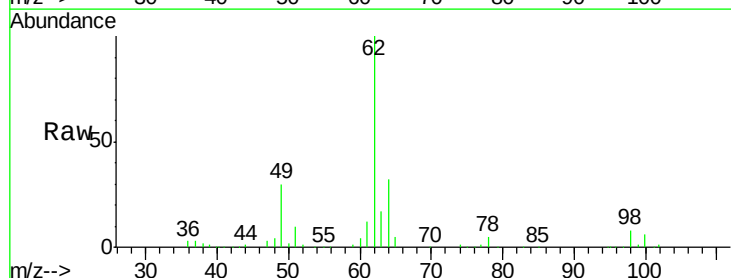
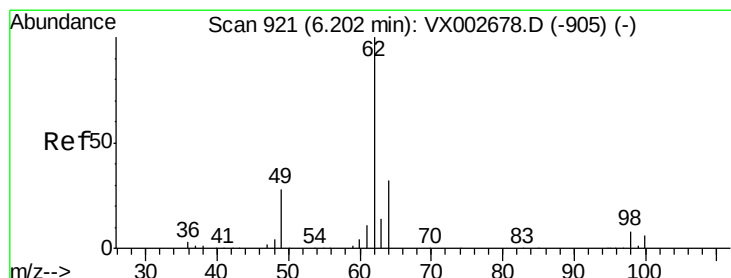
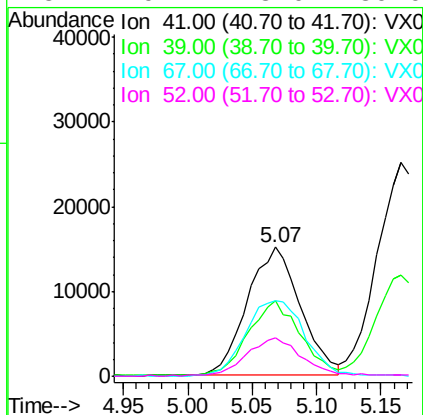
#35
Methacrylonitrile
Concen: 16.27 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

Tot Ion:	41	Resp:	43470
Ion	Ratio	Lower	Upper
41	100		
39	57.2	28.8	86.5
67	59.2	30.4	91.2
52	29.4	13.0	39.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

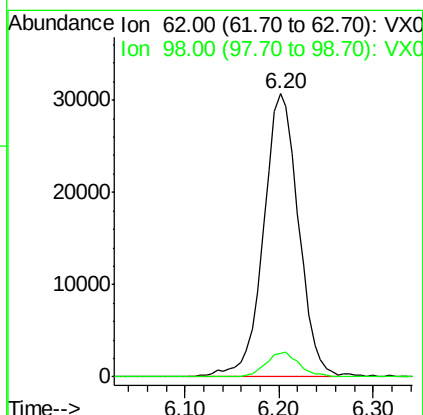
Manual Integrations
APPROVED

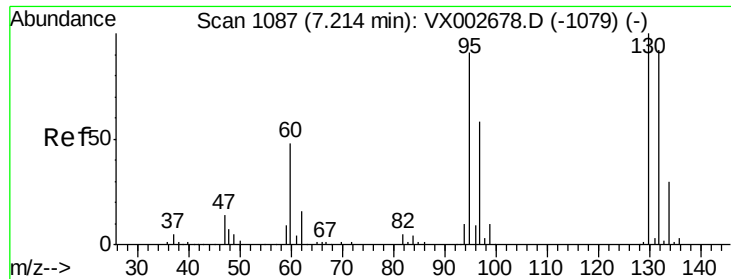
MMDadoda
6/19/2018 1:05:28 PM



#36
1,2-Dichloroethane
Concen: 19.65 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

Tgt Ion:	62	Resp:	79930
Ion	Ratio	Lower	Upper
62	100		
98	8.4	6.5	9.7





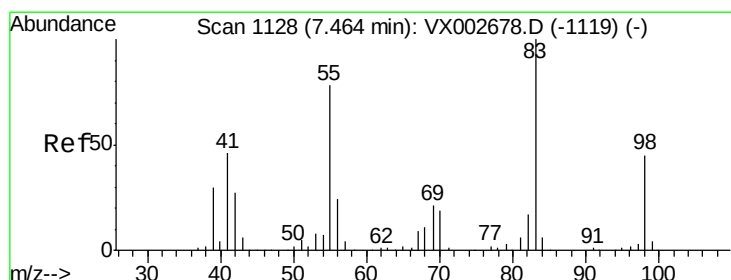
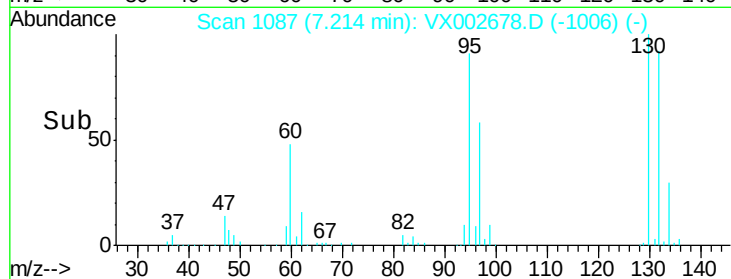
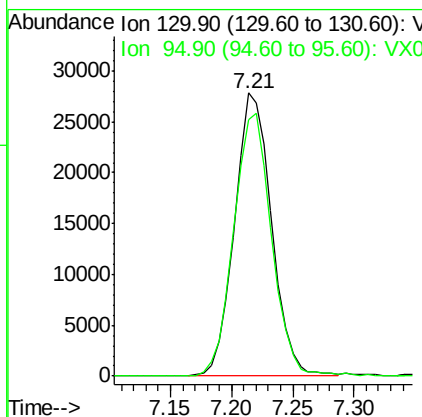
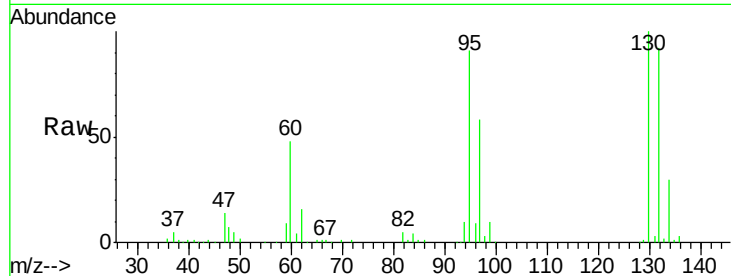
#37
 Trichloroethene
 Concen: 19.77 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX002678.D
 Acq: 18 Jun 2018 13:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion:130 Resp: 58572
 Ion Ratio Lower Upper
 130 100
 95 90.5 81.5 122.3

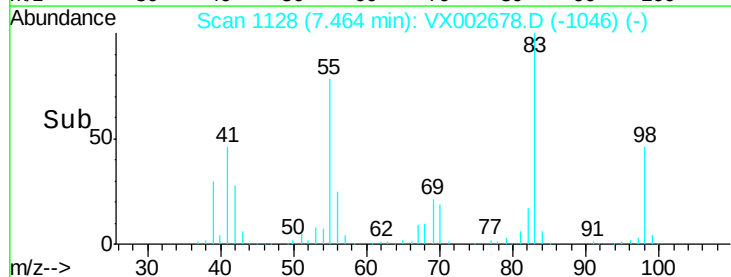
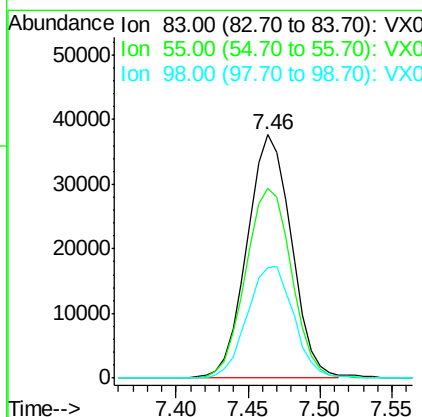
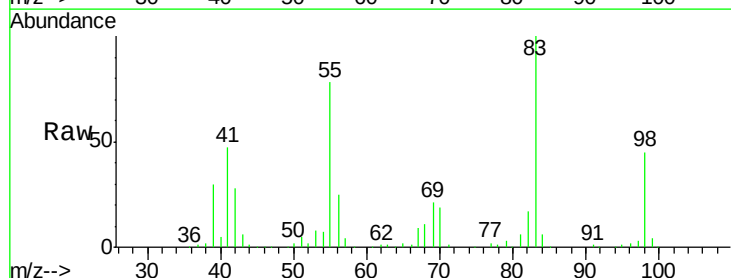
Manual Integrations
 APPROVED

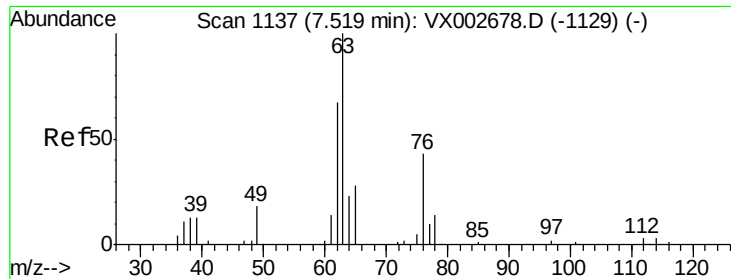
MMDadoda
 6/19/2018 1:05:28 PM



#38
 Methylcyclohexane
 Concen: 19.90 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: VX002678.D
 Acq: 18 Jun 2018 13:10

Tgt Ion: 83 Resp: 80294
 Ion Ratio Lower Upper
 83 100
 55 80.9 40.6 121.8
 98 48.1 23.5 70.5





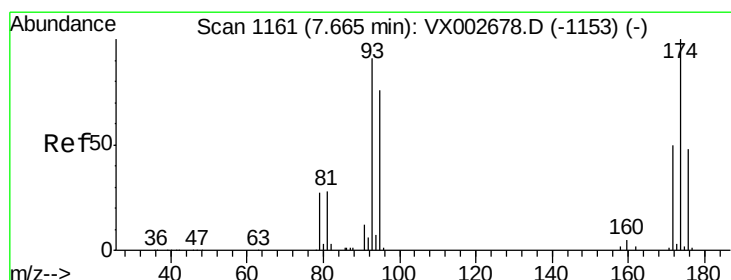
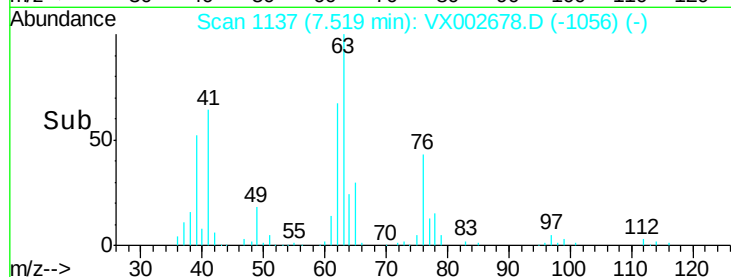
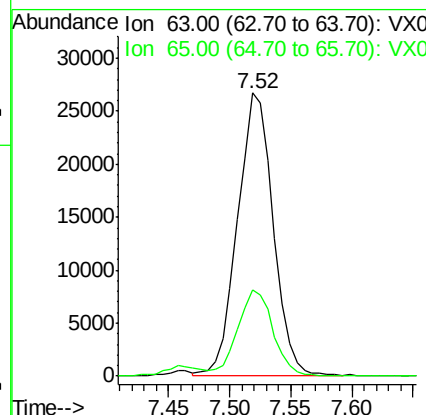
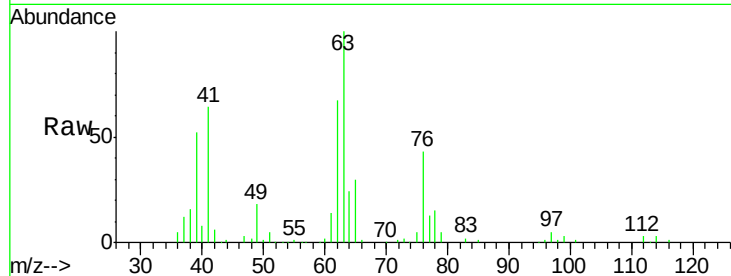
#39
 1,2-Dichloropropane
 Concen: 19.00 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX002678.D
 Acq: 18 Jun 2018 13:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.2	23.3	34.9

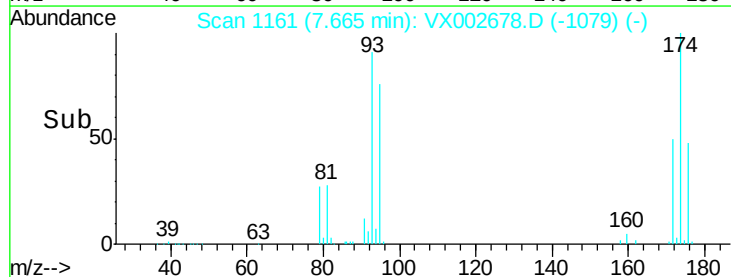
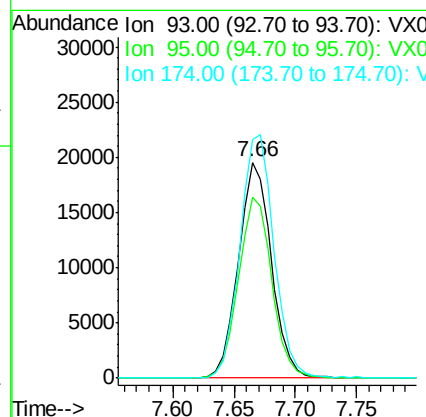
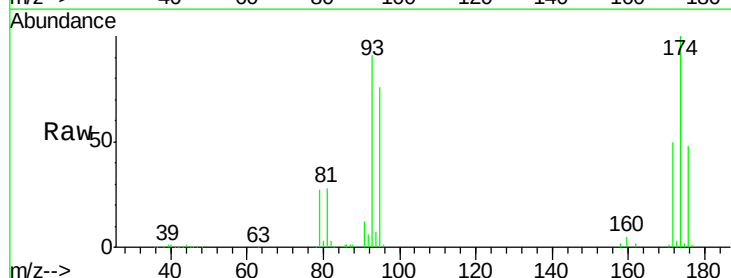
Manual Integrations
 APPROVED

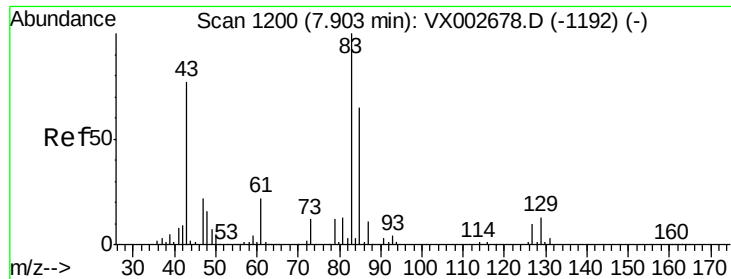
MMDadoda
 6/19/2018 1:05:28 PM



#40
 Dibromomethane
 Concen: 19.32 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002678.D
 Acq: 18 Jun 2018 13:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.8	0.0	162.6
174	115.6	0.0	229.4





#41

Bromodichloromethane

Concen: 16.94 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Instrument :

MSVOA_X

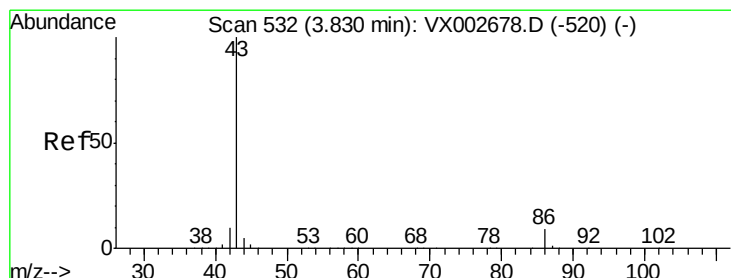
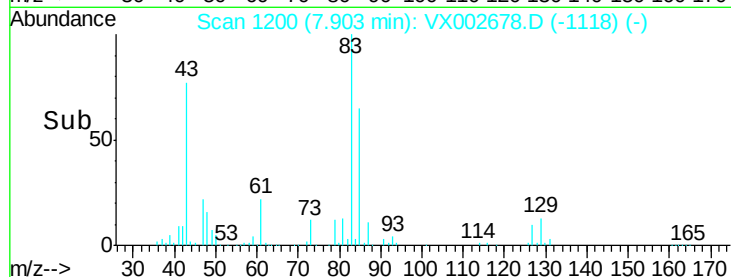
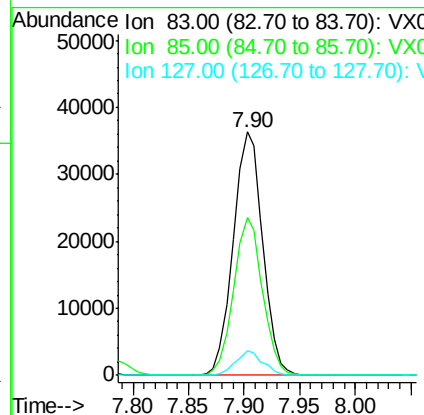
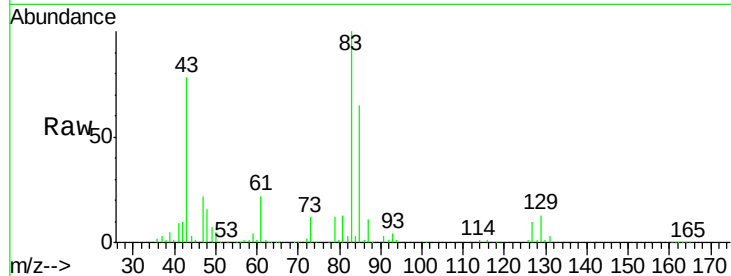
ClientSampleId :

VSTDICCC020

Tot Ion:	83	Resp:	66572
Ion Ratio	Lower	Upper	
83	100		
85	65.1	49.8	74.8
127	10.0	7.3	10.9

Manual Integrations
APPROVED

MMDadoda
6/19/2018 1:05:28 PM



#42

Vinyl Acetate

Concen: 94.72 ug/l

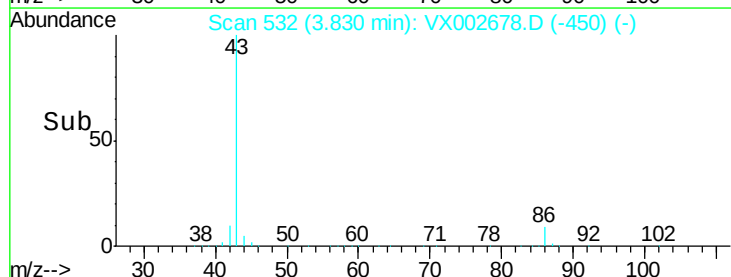
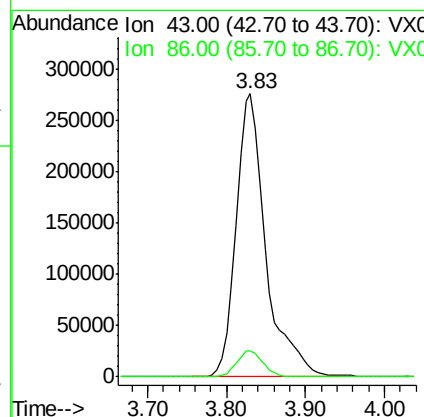
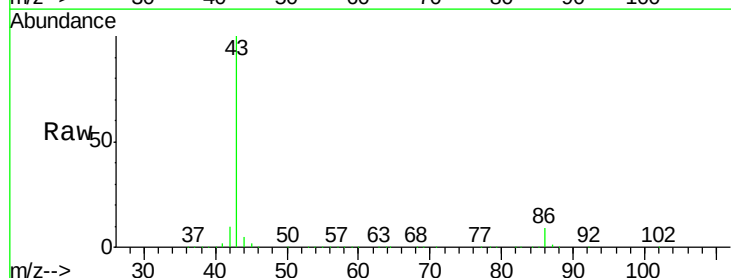
RT: 3.83 min Scan# 532

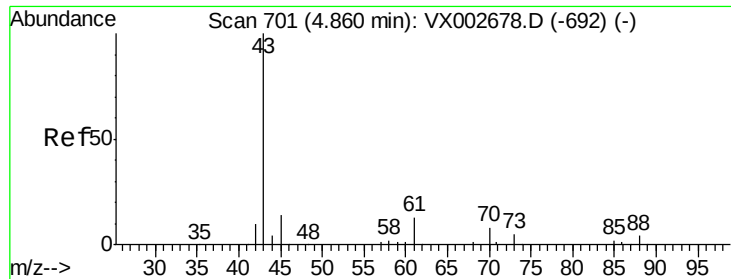
Delta R.T. -0.00 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Tgt Ion:	43	Resp:	722822
Ion Ratio	Lower	Upper	
43	100		
86	8.2	6.7	10.1





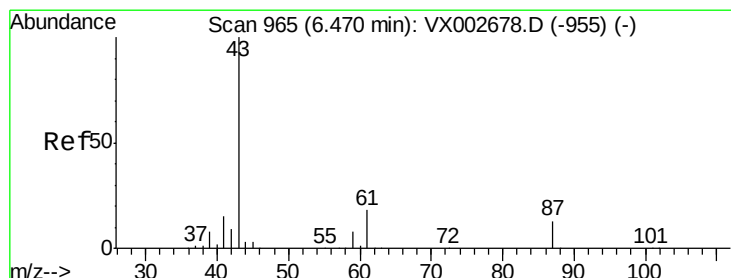
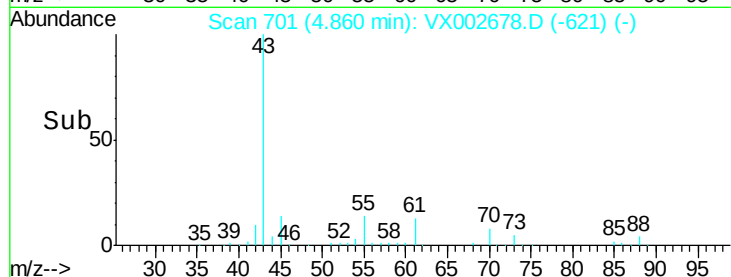
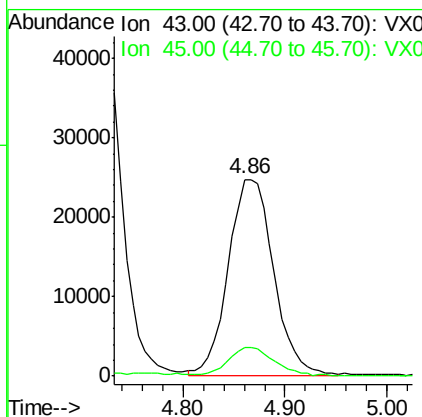
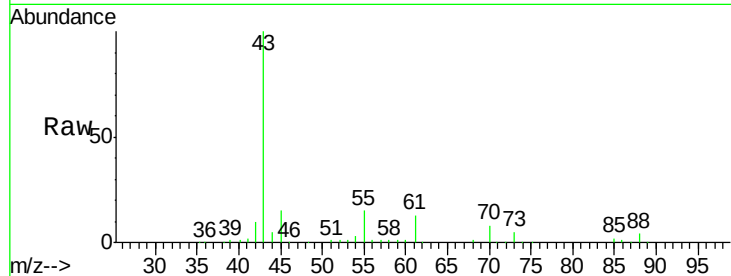
#43
Ethyl Acetate
Concen: 16.09 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion: 43 Resp: 76175
Ion Ratio Lower Upper
43 100
45 13.9 11.0 16.4

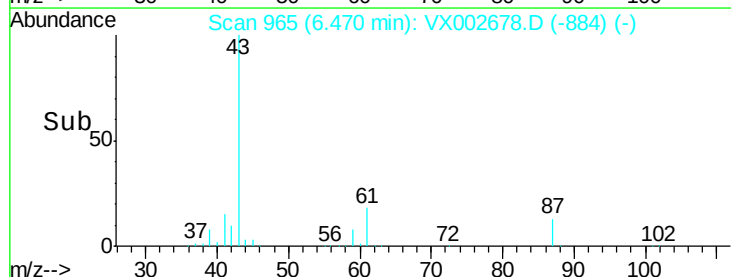
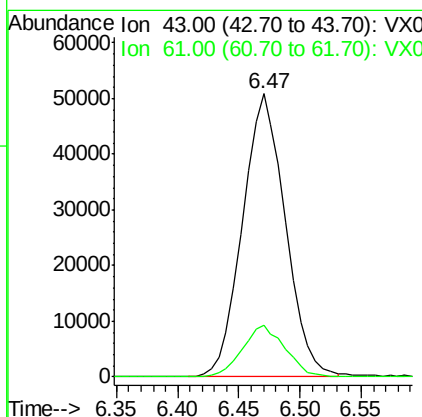
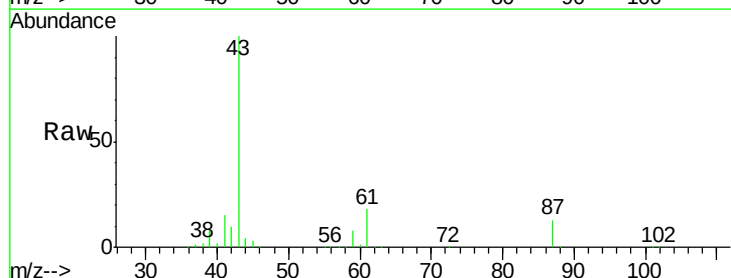
Manual Integrations
APPROVED

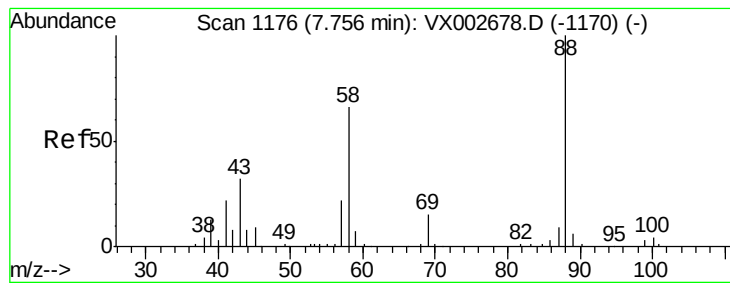
MMDadoda
6/19/2018 1:05:28 PM



#44
Isopropyl Acetate
Concen: 15.71 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

Tgt Ion: 43 Resp: 123700
Ion Ratio Lower Upper
43 100
61 18.2 14.5 21.7





#45

1,4-Dioxane

Concen: 341.33 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. -0.01 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Instrument :

MSVOA_X

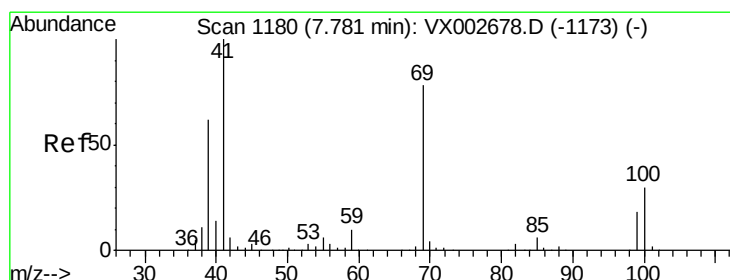
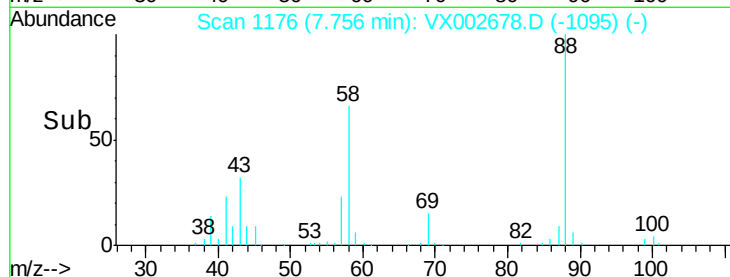
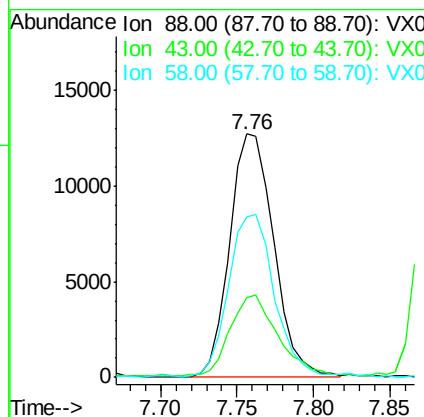
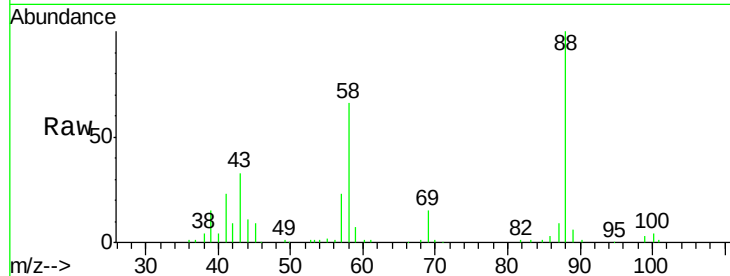
ClientSampleId :

VSTDICCC020

Tot Ion:	88	Resp:	25565
Ion	Ratio	Lower	Upper
88	100		
43	35.5	43.2	64.8#
58	69.4	60.2	90.2

Manual Integrations
APPROVED

MMDadoda
6/19/2018 1:05:28 PM



#46

Methyl methacrylate

Concen: 16.11 ug/l

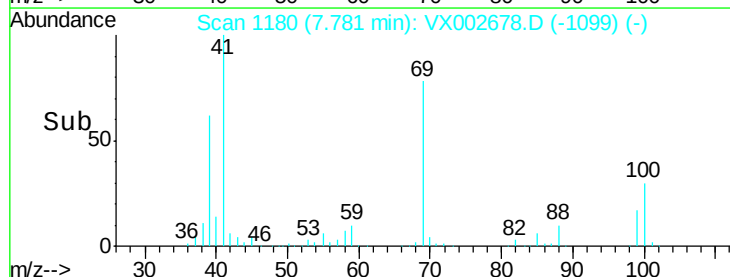
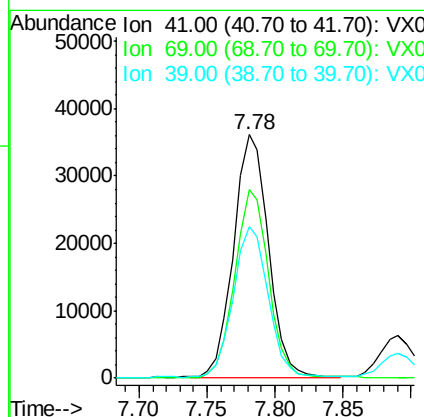
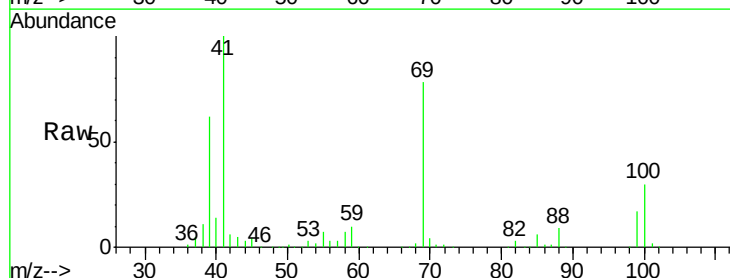
RT: 7.78 min Scan# 1180

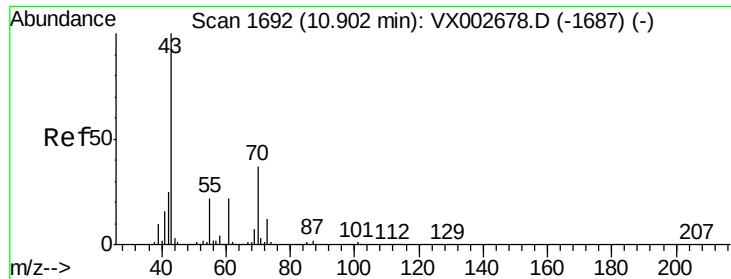
Delta R.T. -0.01 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Tgt Ion:	41	Resp:	64228
Ion	Ratio	Lower	Upper
41	100		
69	78.1	37.0	110.9
39	61.8	29.6	88.9





#47

n-amvl Acetate

Concen: 15.40 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 43 Resp: 111556

Ion Ratio Lower Upper

43 100

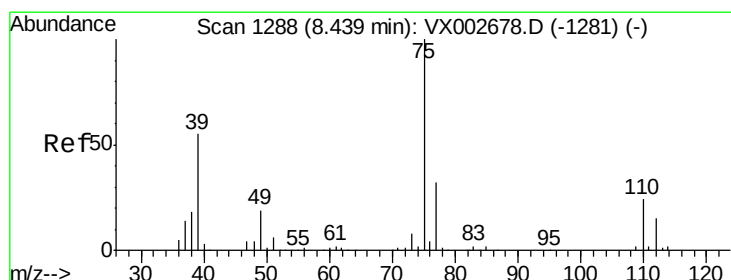
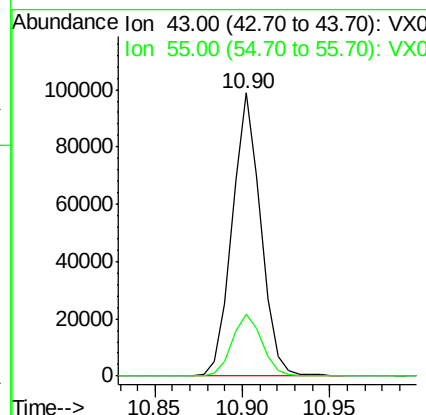
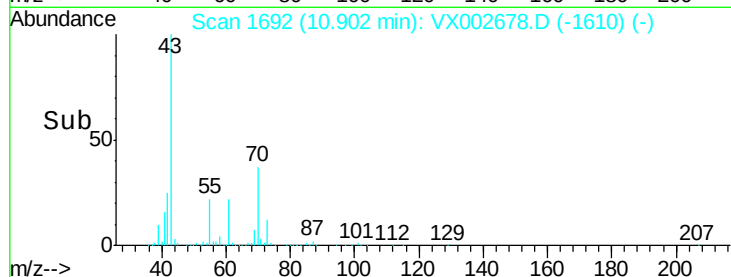
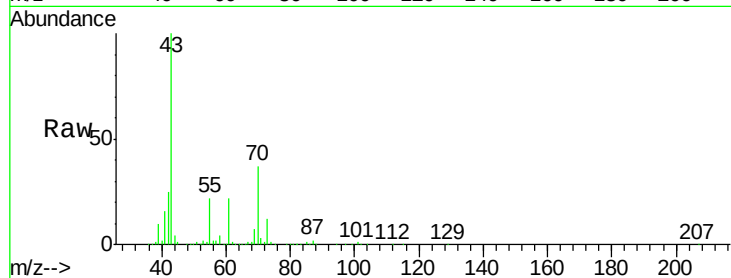
55 23.4 0.1 0.1#

Manual Integrations

APPROVED

MMDadoda

6/19/2018 1:05:28 PM



#48

t-1,3-Dichloropropene

Concen: 17.81 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002678.D

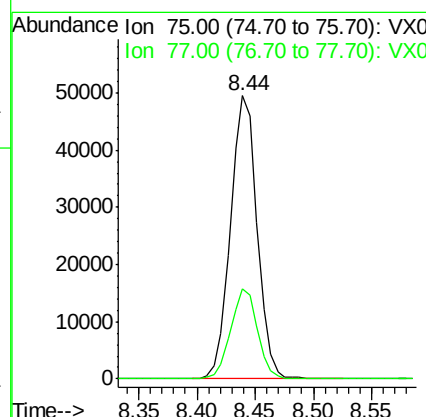
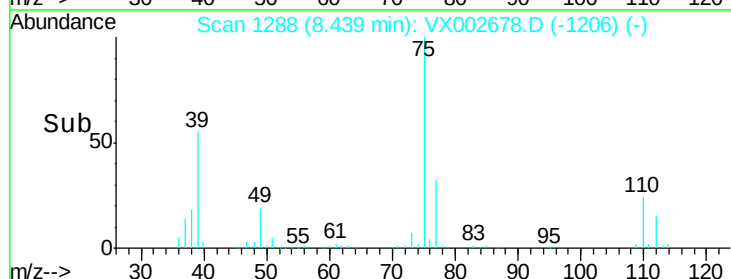
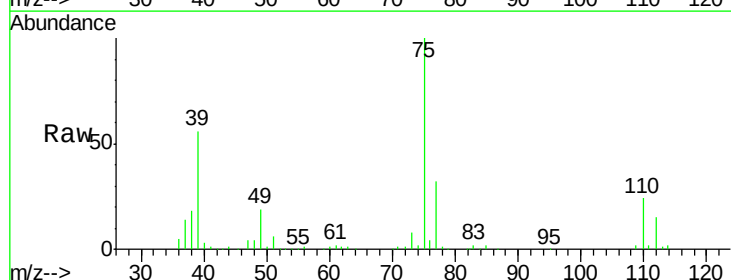
Acq: 18 Jun 2018 13:10

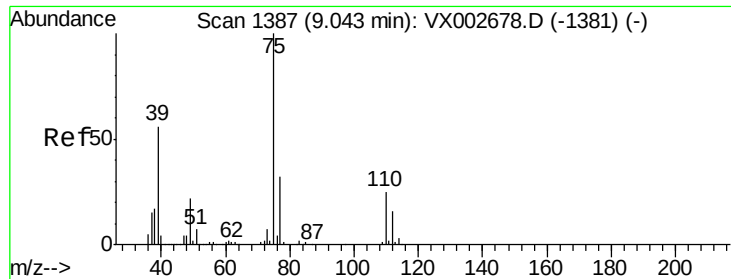
Tgt Ion: 75 Resp: 78665

Ion Ratio Lower Upper

75 100

77 31.9 25.6 38.4





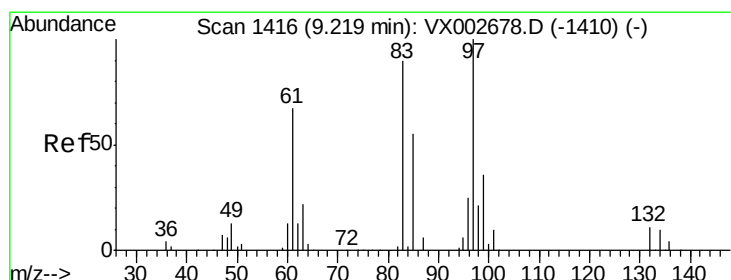
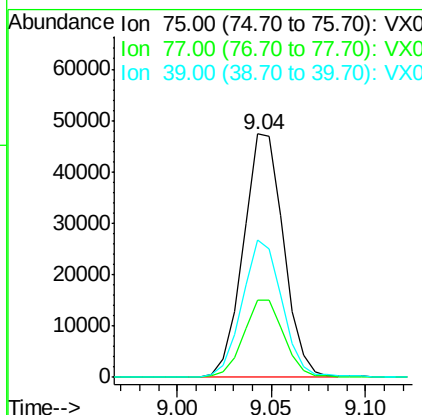
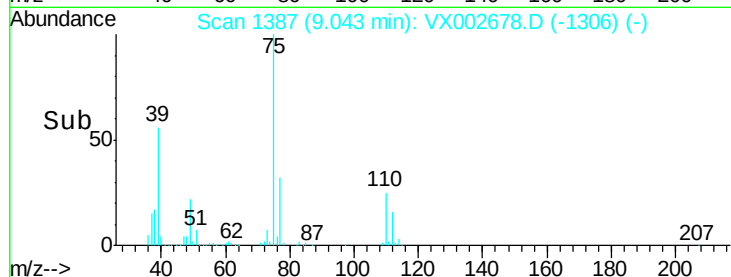
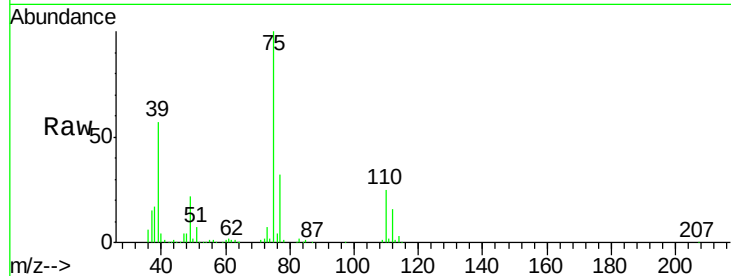
#49
 cis-1,3-Dichloropropene
 Concen: 16.41 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: VX002678.D
 Acq: 18 Jun 2018 13:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.4	38.2
39	56.3	42.3	63.5

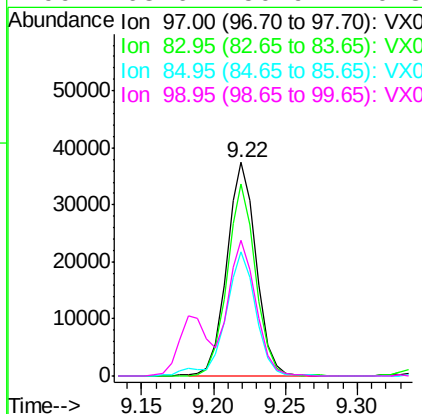
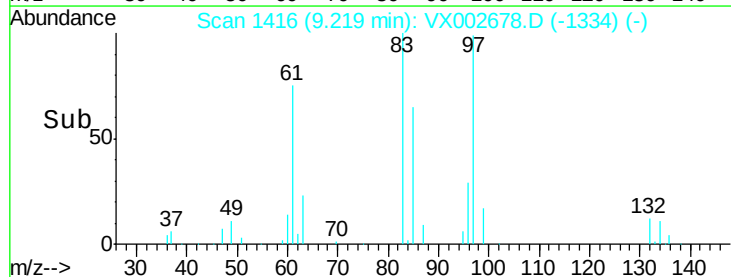
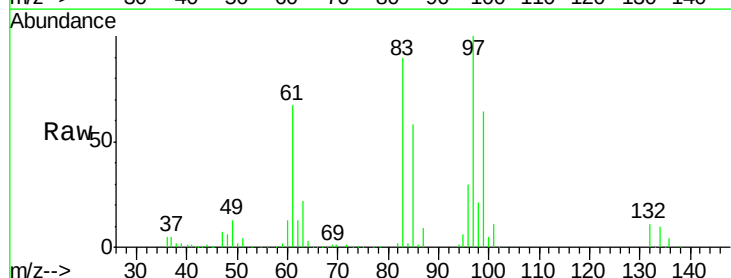
Manual Integrations
 APPROVED

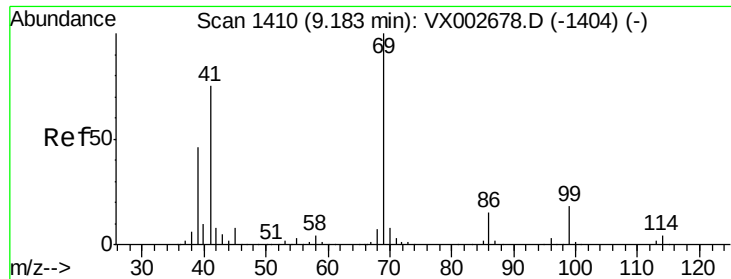
MMDadoda
 6/19/2018 1:05:28 PM



#50
 1,1,2-Trichloroethane
 Concen: 19.71 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002678.D
 Acq: 18 Jun 2018 13:10

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.5	70.8	106.2
85	58.1	43.5	65.3
99	63.6	50.9	76.3





#51

Ethyl methacrylate

Concen: 16.78 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Instrument :

MSVOA_X

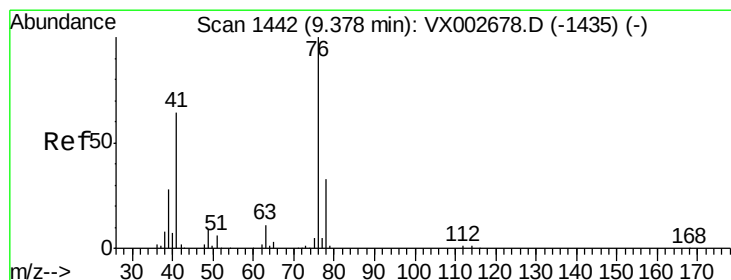
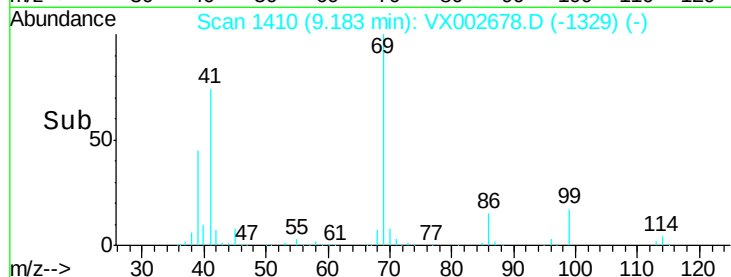
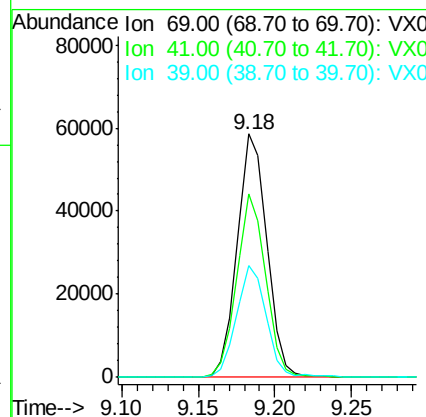
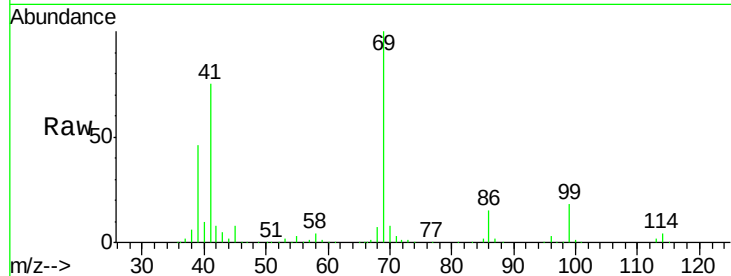
ClientSampleId :

VSTDICCC020

Tot Ion:	69	Resp:	79051
Ion	Ratio	Lower	Upper
69	100		
41	75.1	39.1	117.3
39	45.9	21.7	65.1

Manual Integrations
APPROVED

MMDadoda
6/19/2018 1:05:28 PM



#52

1,3-Dichloropropane

Concen: 19.22 ug/l

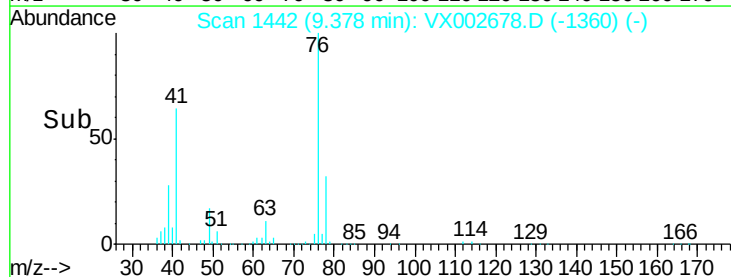
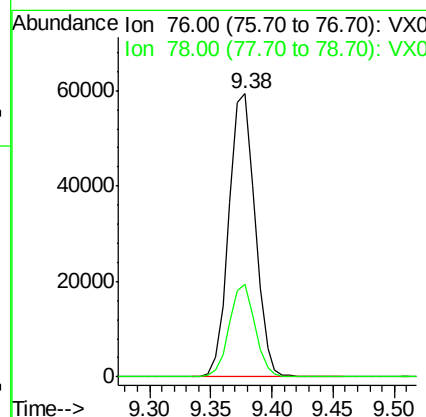
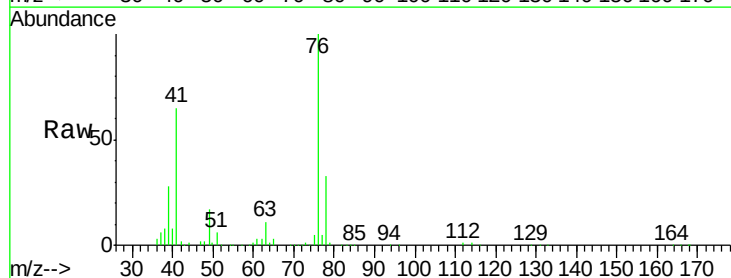
RT: 9.38 min Scan# 1442

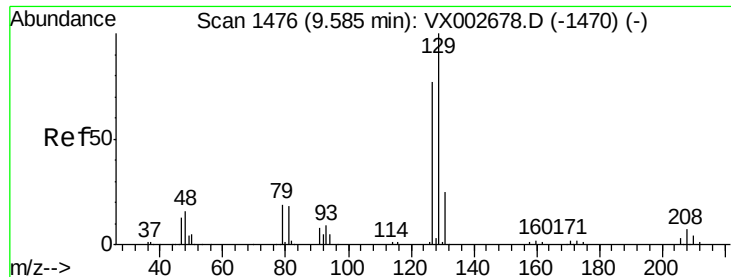
Delta R.T. -0.00 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Tgt Ion:	76	Resp:	88152
Ion	Ratio	Lower	Upper
76	100		
78	31.8	0.0	63.4





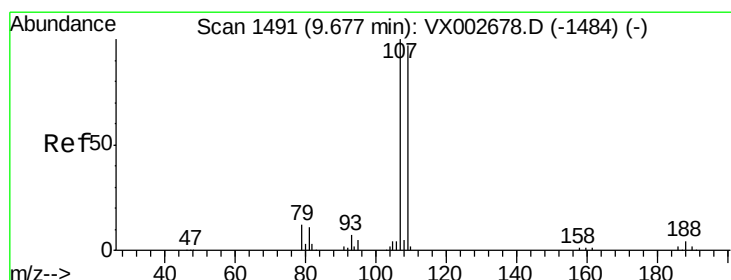
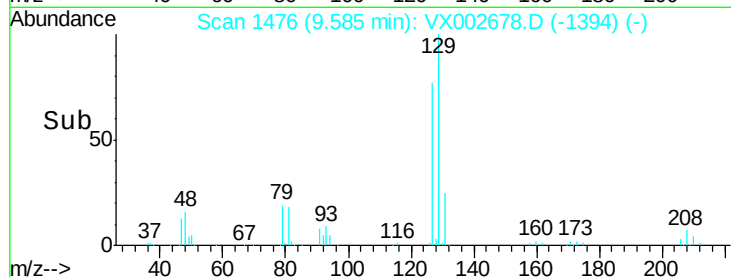
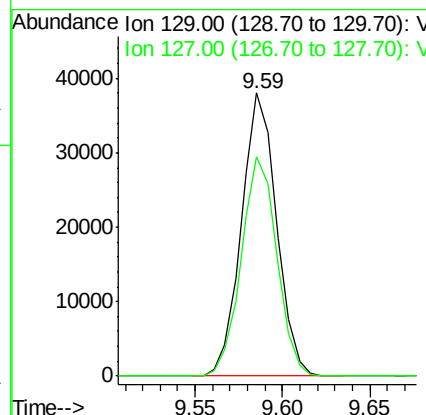
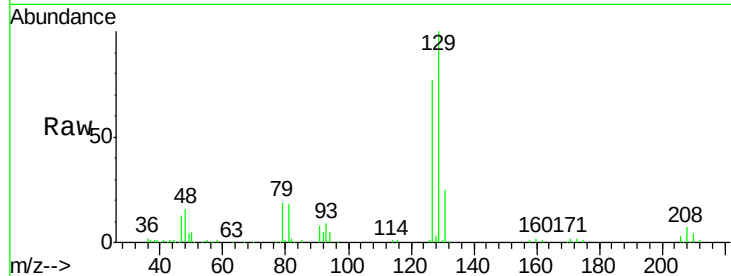
#53
 Dibromochloromethane
 Concen: 15.99 ug/l
 RT: 9.59 min Scan# 1476
 Delta R.T. -0.00 min
 Lab File: VX002678.D
 Acq: 18 Jun 2018 13:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion:129 Resp: 53127
 Ion Ratio Lower Upper
 129 100
 127 78.4 38.5 115.3

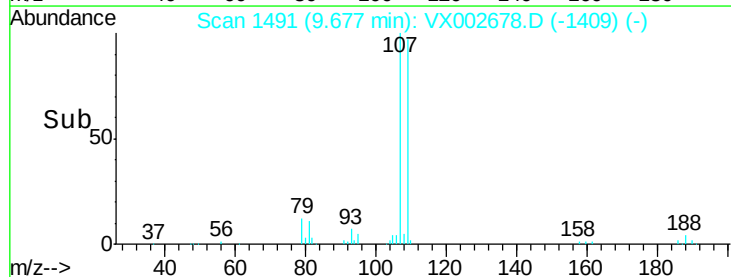
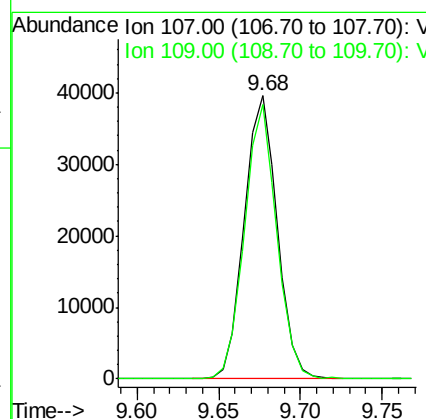
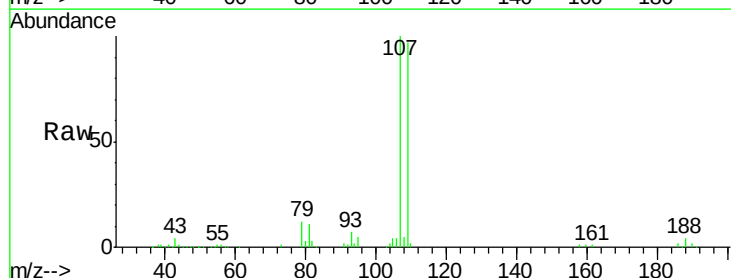
Manual Integrations
 APPROVED

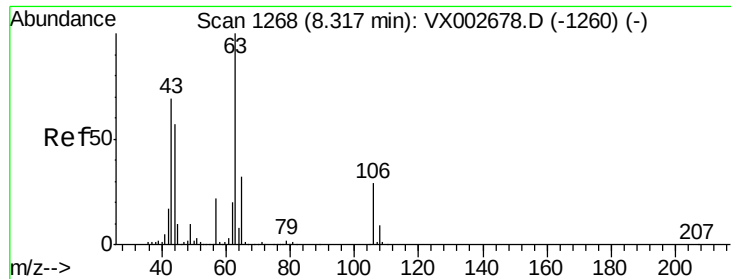
MMDadoda
 6/19/2018 1:05:28 PM



#54
 1,2-Dibromoethane
 Concen: 18.99 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX002678.D
 Acq: 18 Jun 2018 13:10

Tgt Ion:107 Resp: 55903
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.5 113.3





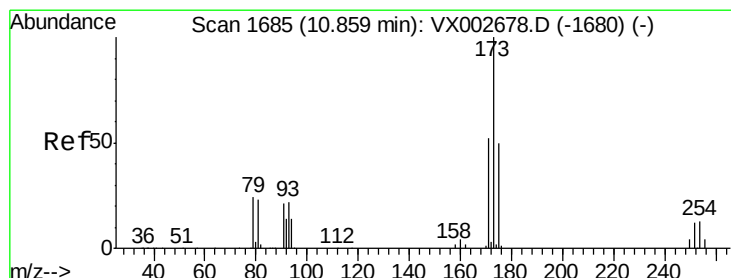
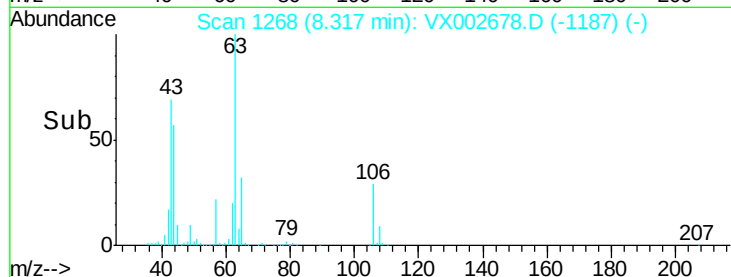
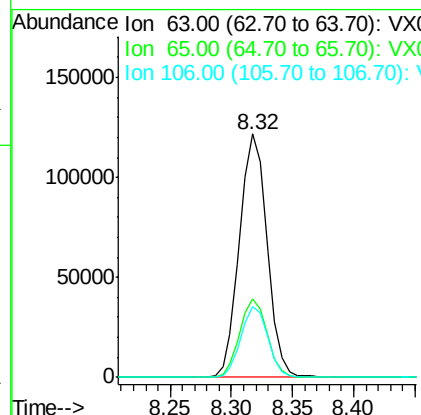
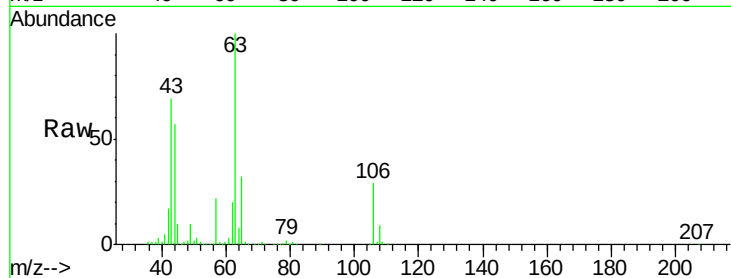
#55
2-Chloroethyl vinyl ether
Concen: 86.04 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.6	38.4
106	28.5	21.6	32.4

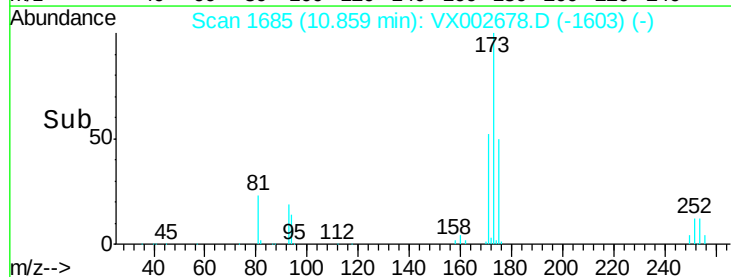
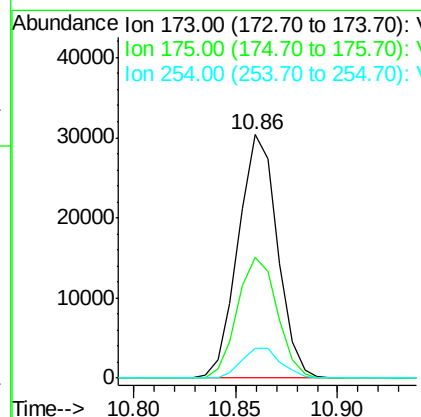
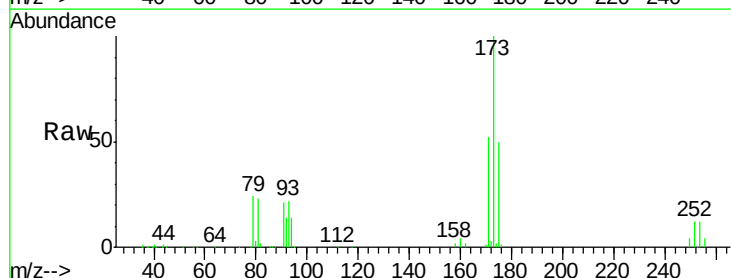
Manual Integrations
APPROVED

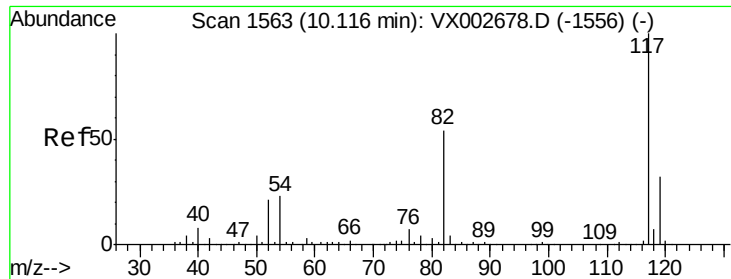
MMDadoda
6/19/2018 1:05:28 PM



#56
Bromoform
Concen: 13.90 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.3	39.0	58.4
254	12.5	9.6	14.4





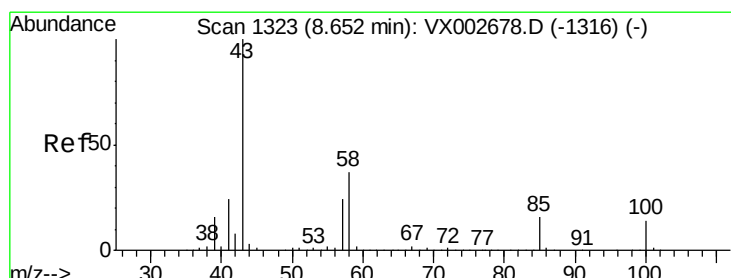
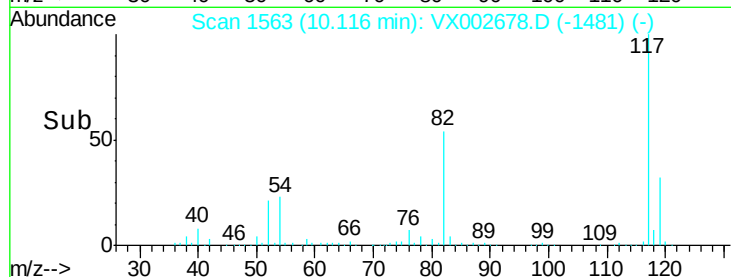
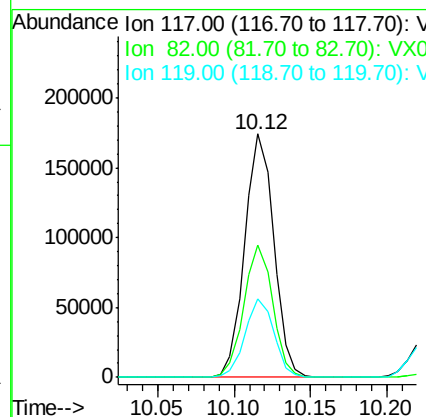
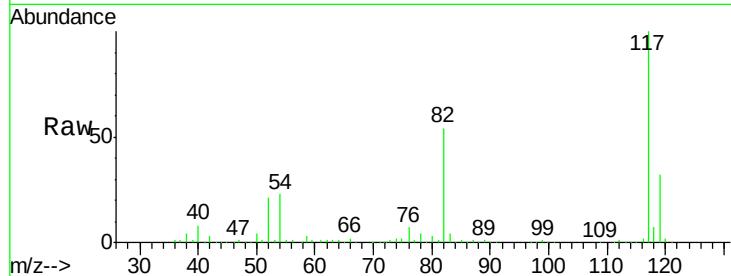
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	44.3	66.5
119	31.9	25.7	38.5

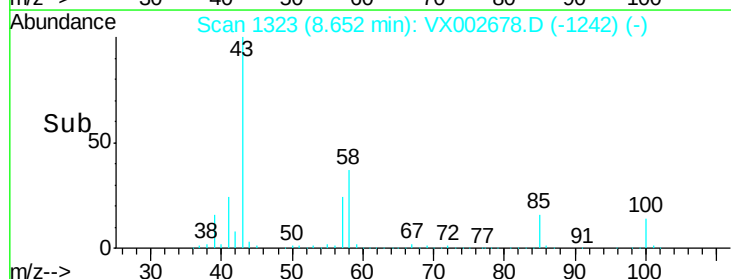
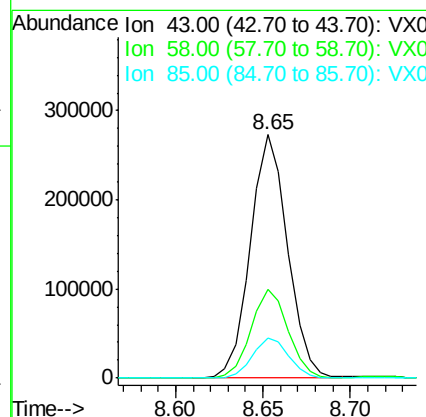
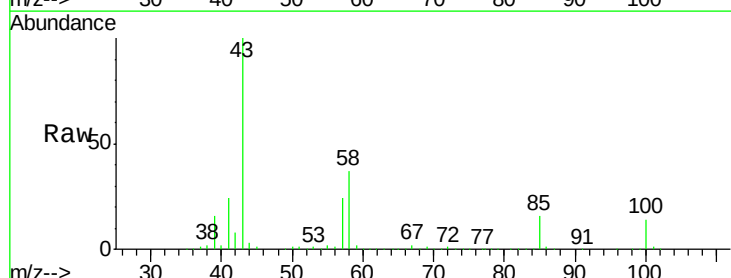
Manual Integrations
APPROVED

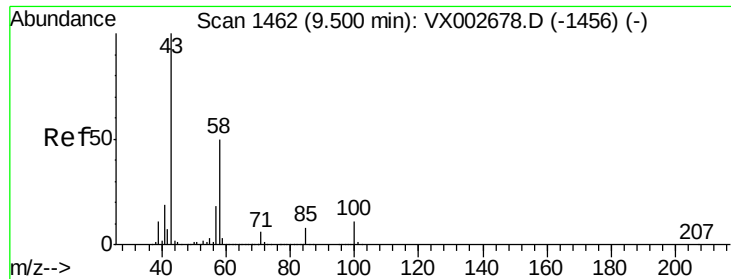
MMDadoda
6/19/2018 1:05:28 PM



#58
4-Methyl-2-Pentanone
Concen: 80.39 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.4	28.2	42.4
85	16.5	12.4	18.6





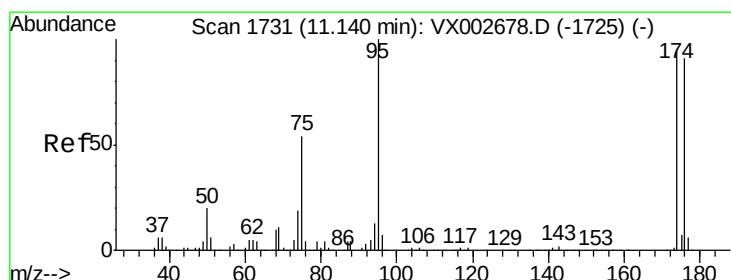
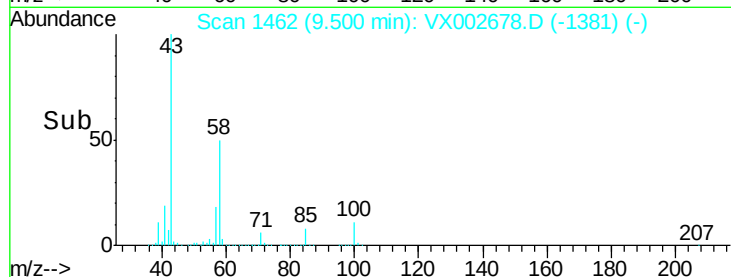
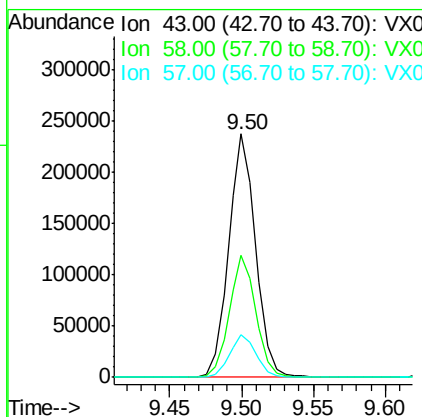
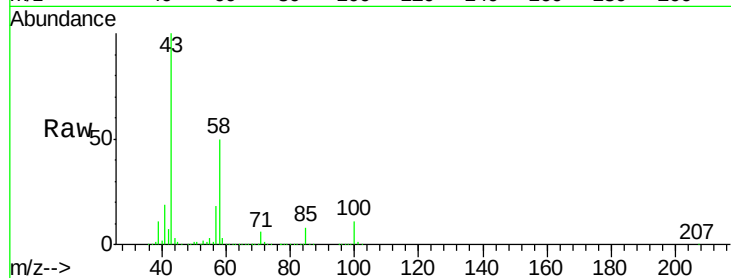
#59
2-Hexanone
Concen: 79.69 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	49.6	39.6	59.4
57	17.6	14.1	21.1

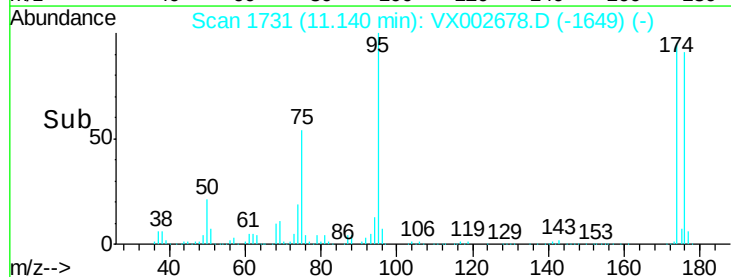
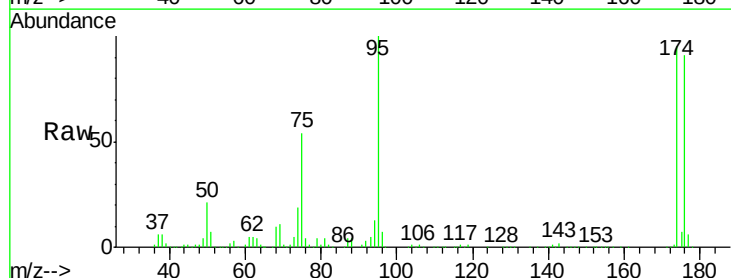
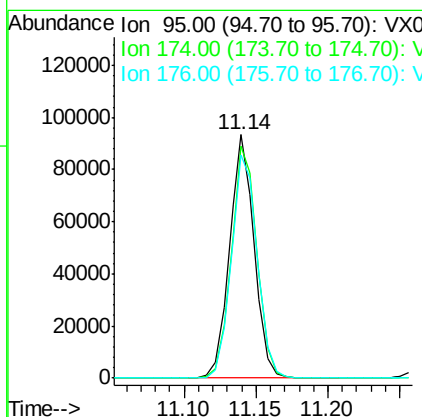
Manual Integrations
APPROVED

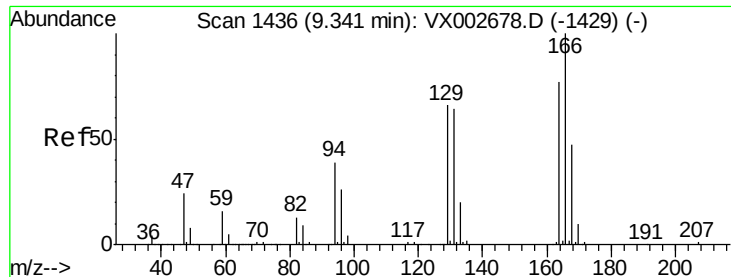
MMDadoda
6/19/2018 1:05:28 PM



#60
4-Bromofluorobenzene
Concen: 28.16 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

Tgt Ion	Ratio	Lower	Upper
95	100		
174	99.0	71.8	107.6
176	96.3	70.1	105.1





#61

Tetrachloroethene

Concen: 18.37 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion:164 Resp: 64756

Ion Ratio Lower Upper

164 100

166 130.6 102.4 153.6

129 86.5 70.1 105.1

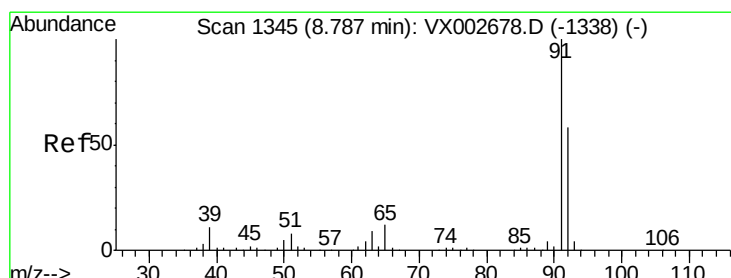
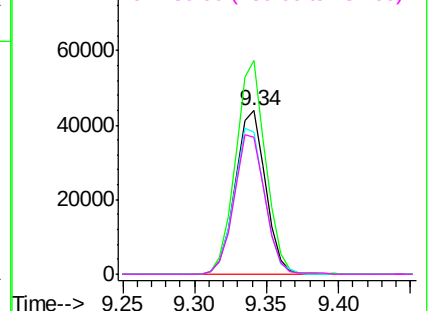
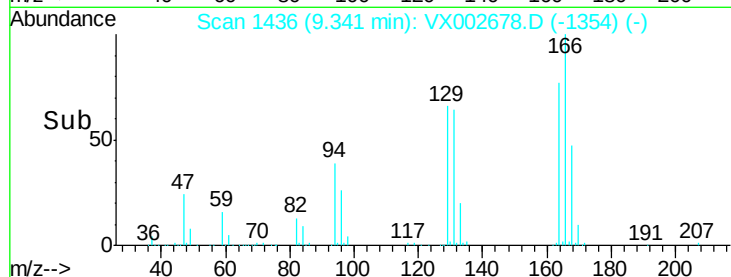
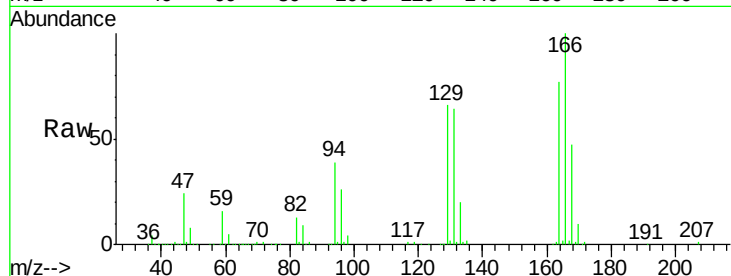
131 83.5 69.1 103.7

Manual Integrations

APPROVED

MMDadoda

6/19/2018 1:05:28 PM



#62

Toluene

Concen: 19.44 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX002678.D

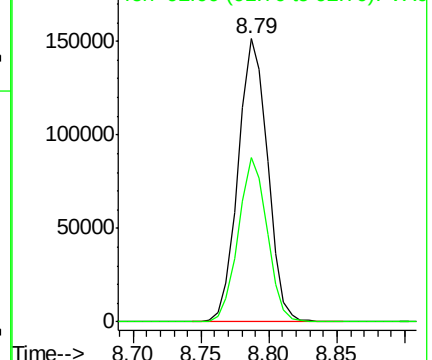
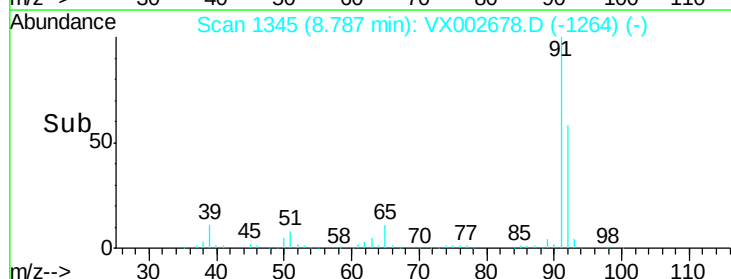
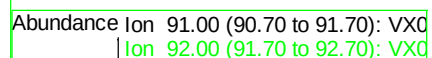
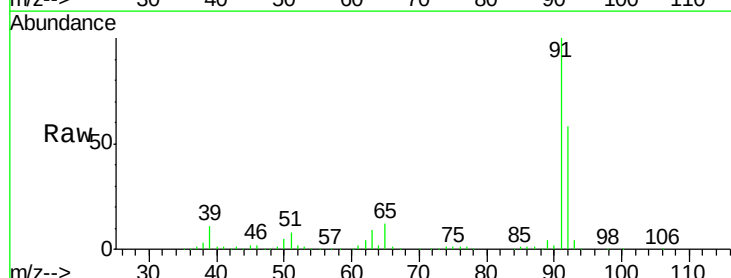
Acq: 18 Jun 2018 13:10

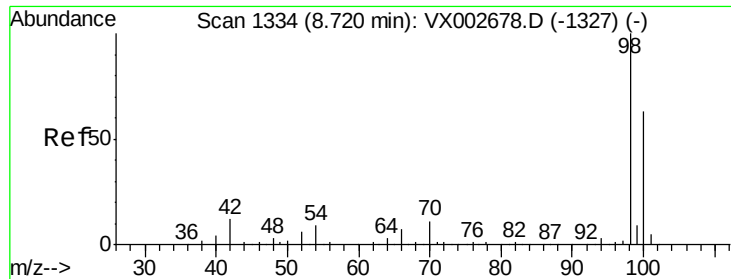
Tgt Ion: 91 Resp: 229374

Ion Ratio Lower Upper

91 100

92 57.0 46.5 69.7





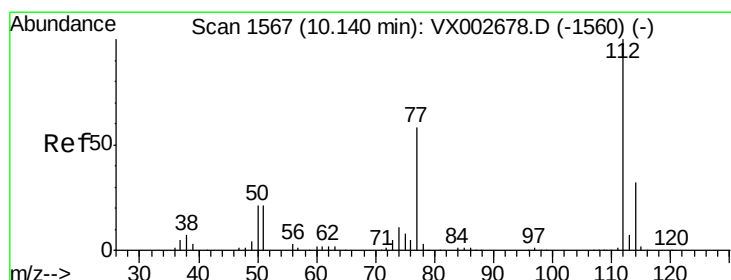
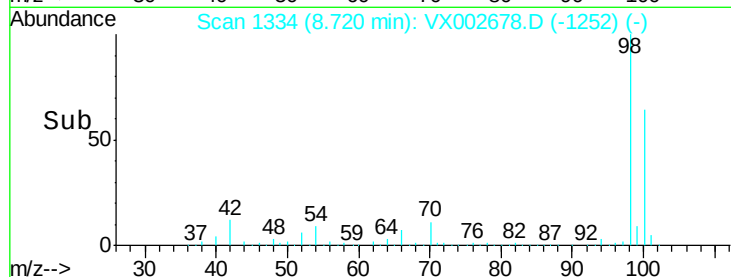
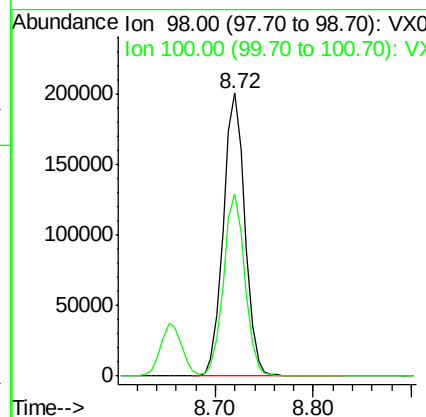
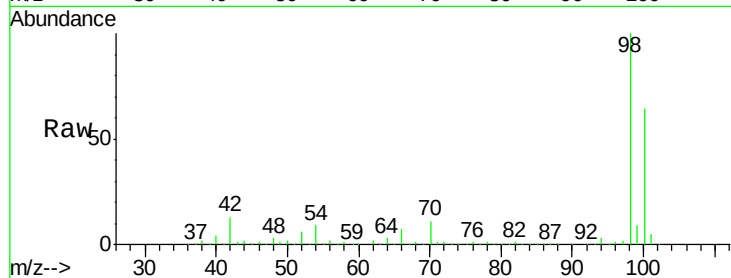
#63
Toluene-d8
Concen: 29.87 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion: 98 Resp: 307608
Ion Ratio Lower Upper
98 100
100 63.8 50.8 76.2

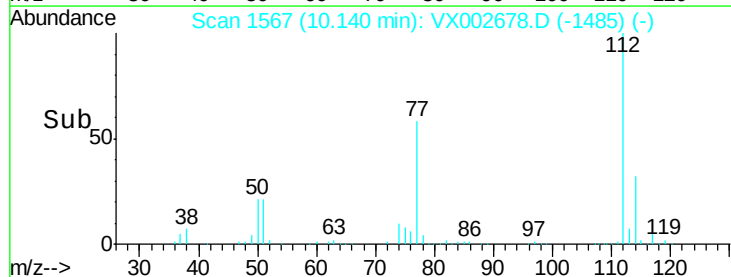
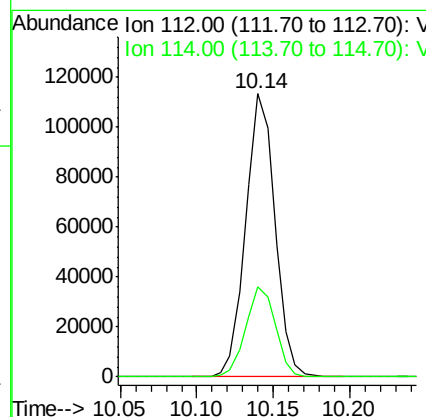
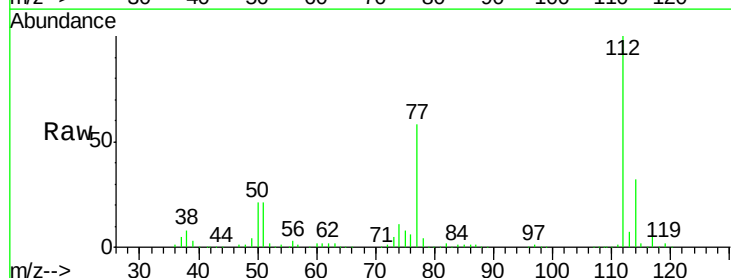
Manual Integrations
APPROVED

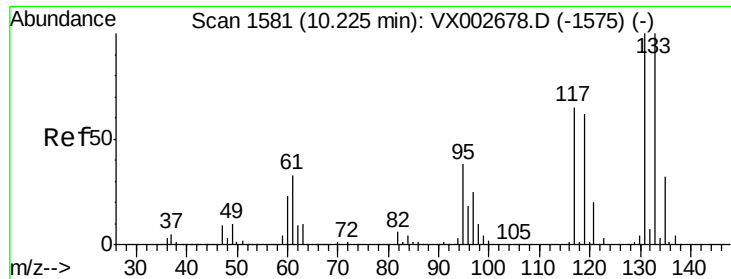
MMDadoda
6/19/2018 1:05:28 PM



#64
Chlorobenzene
Concen: 19.76 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

Tgt Ion: 112 Resp: 150903
Ion Ratio Lower Upper
112 100
114 31.9 25.6 38.4





#65

1,1,1,2-Tetrachloroethane

Concen: 17.59 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Instrument :

MSVOA_X

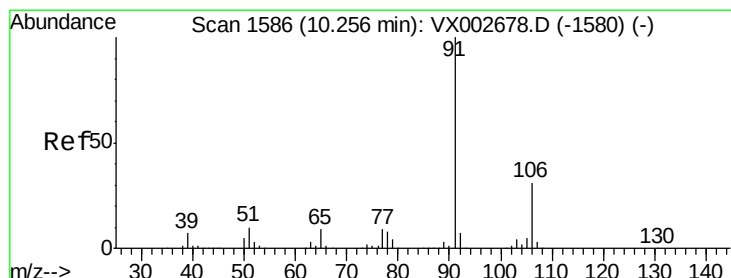
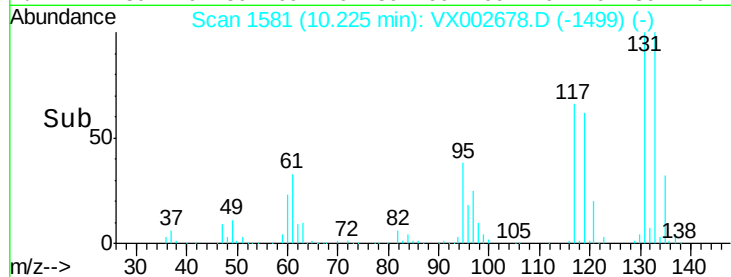
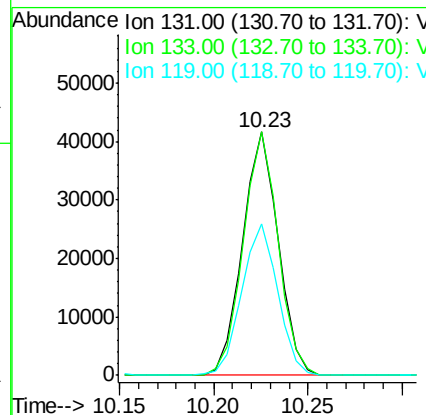
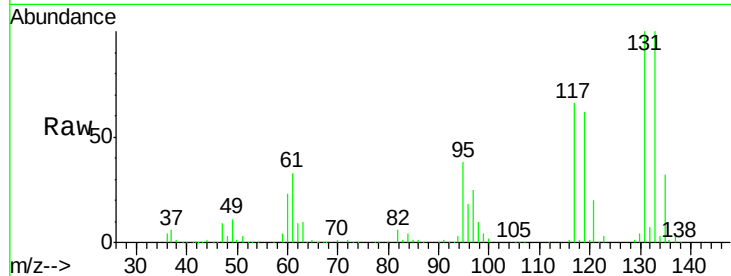
ClientSampleId :

VSTDICCC020

Tot Ion	Ratio	Lower	Upper
131	100		
133	97.9	0.0	191.2
119	62.7	0.0	125.4

Manual Integrations
APPROVED

MMDadoda
6/19/2018 1:05:28 PM



#66

Ethyl Benzene

Concen: 19.34 ug/l

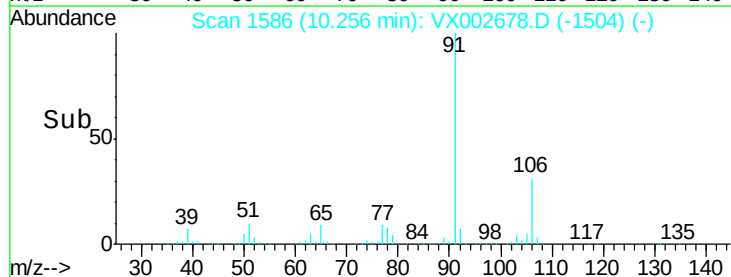
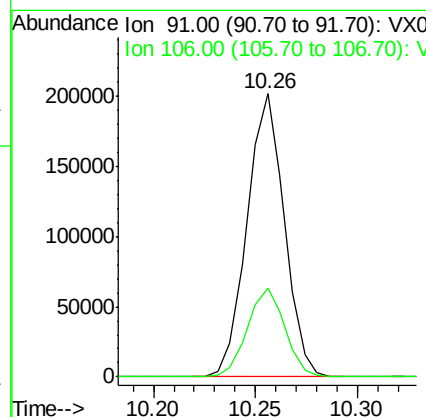
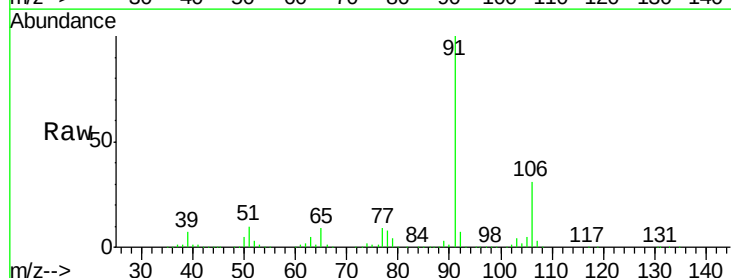
RT: 10.26 min Scan# 1586

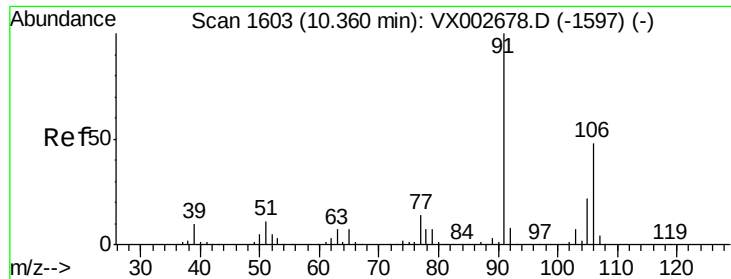
Delta R.T. -0.00 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.3	25.2	37.8





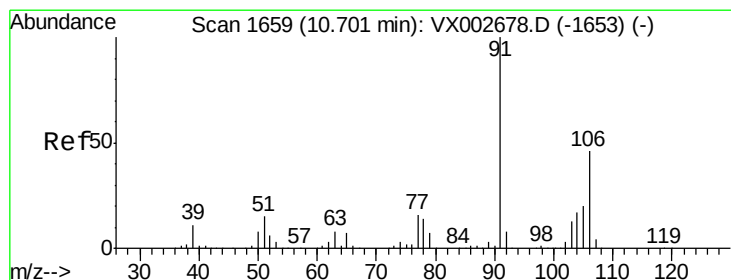
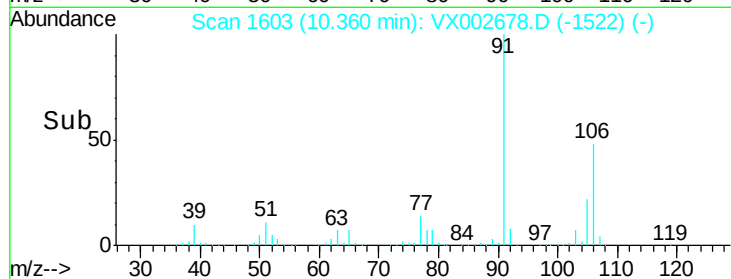
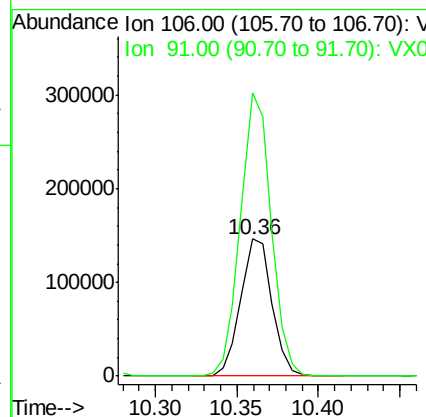
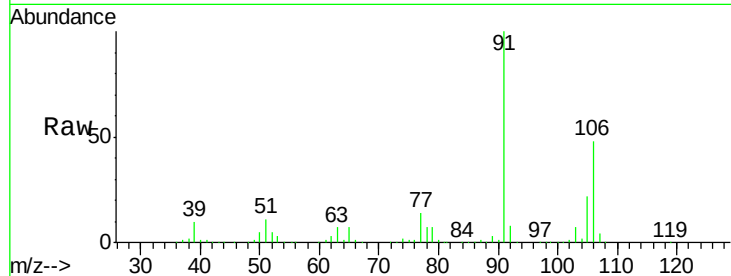
#67
m/p-Xylenes
Concen: 39.22 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion:106 Resp: 197465
Ion Ratio Lower Upper
106 100
91 201.8 164.1 246.1

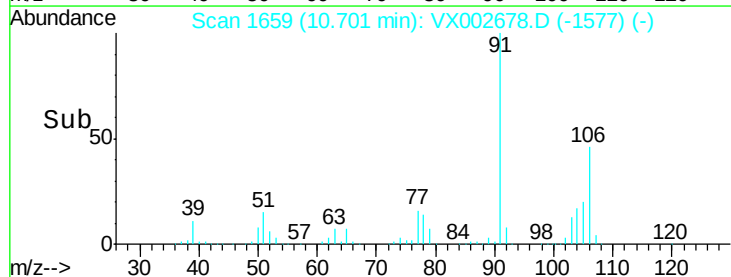
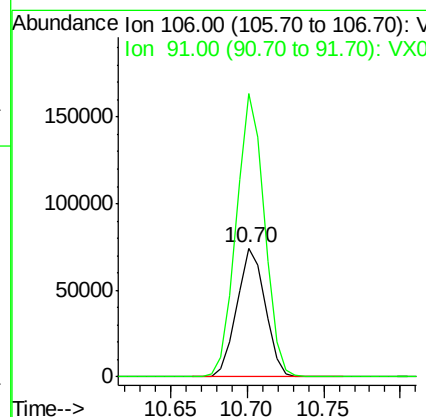
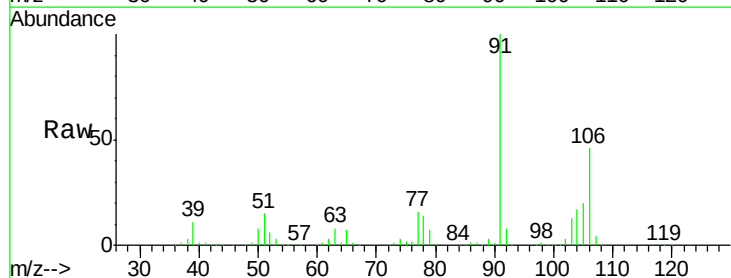
Manual Integrations
APPROVED

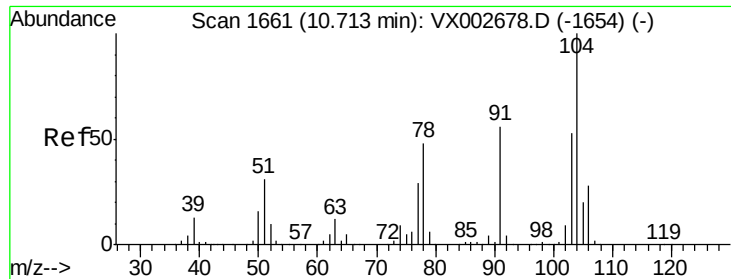
MMDadoda
6/19/2018 1:05:28 PM



#68
o-Xylene
Concen: 18.95 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

Tgt Ion:106 Resp: 95546
Ion Ratio Lower Upper
106 100
91 217.3 109.1 327.3





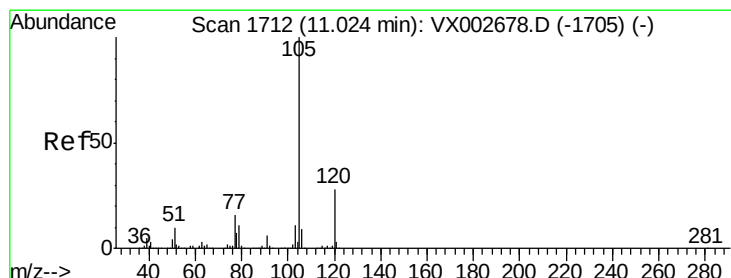
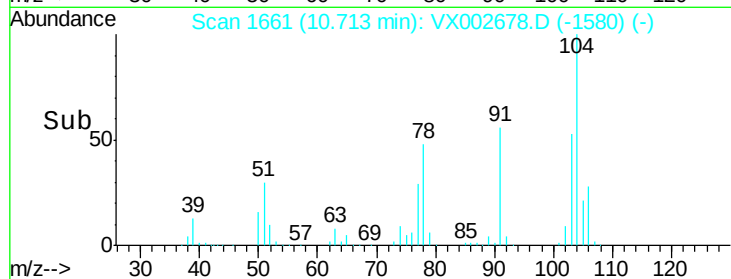
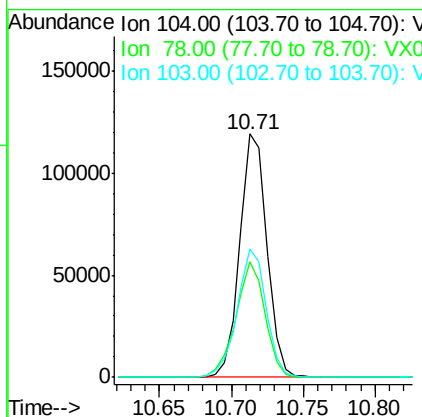
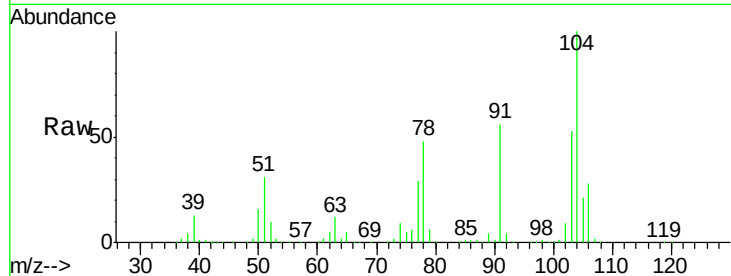
#69
Stvrene
Concen: 18.48 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
104	100		
78	51.2	41.8	62.8
103	56.3	44.9	67.3

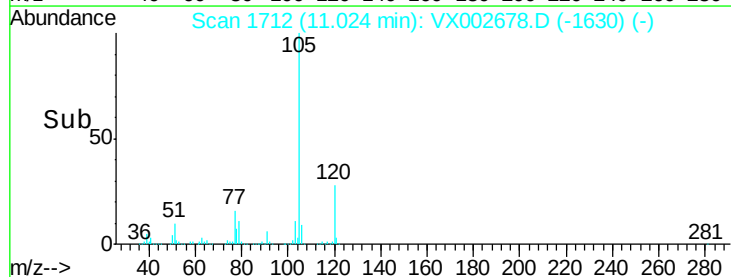
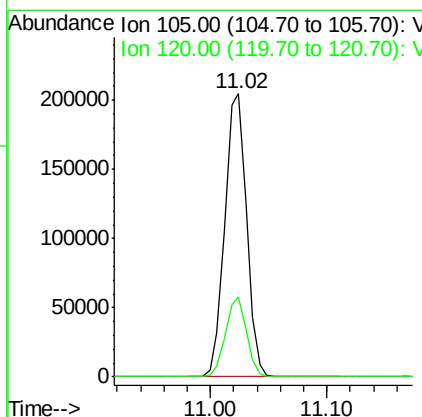
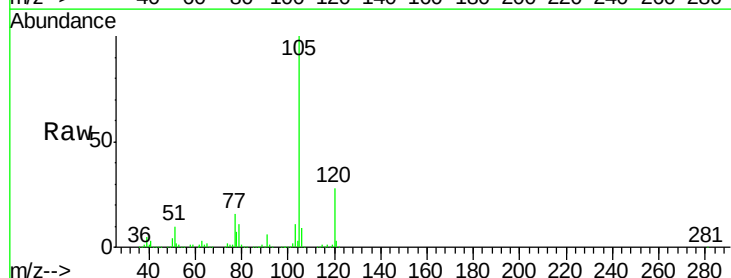
Manual Integrations
APPROVED

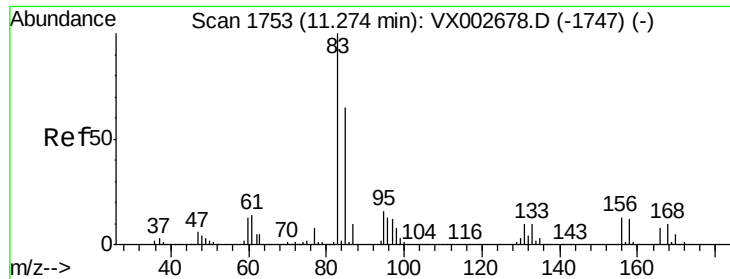
MMDadoda
6/19/2018 1:05:28 PM



#70
Isopropylbenzene
Concen: 19.58 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.3	19.0	35.2





#71

1,1,2,2-Tetrachloroethane

Concen: 18.89 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Instrument :

MSVOA_X

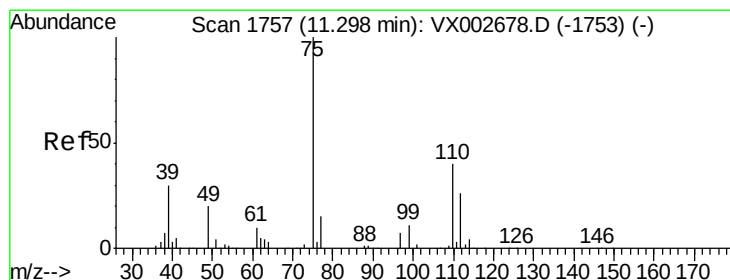
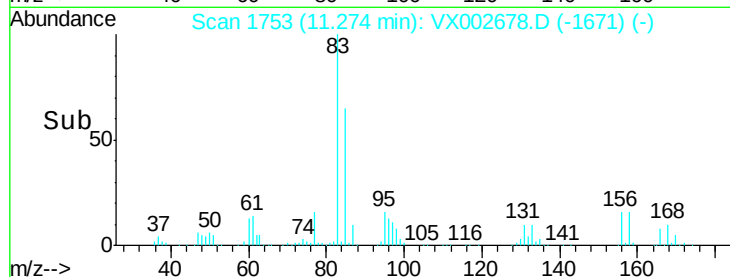
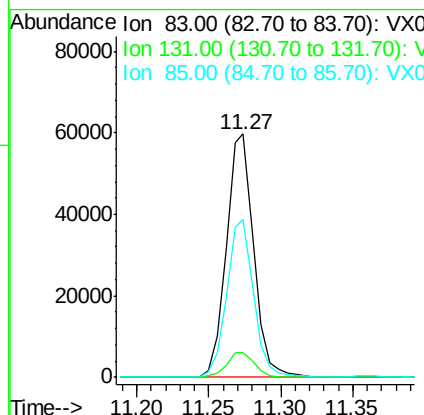
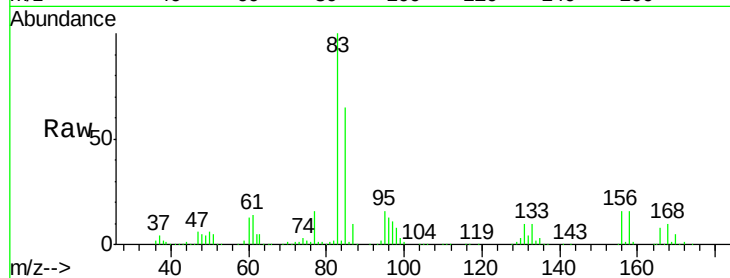
ClientSampleId :

VSTDICCC020

Tot Ion:	83	Resp:	79926
Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.4	16.2
85	64.1	32.4	97.2

Manual Integrations
APPROVED

MMDadoda
6/19/2018 1:05:28 PM



#72

1,2,3-Trichloropropane

Concen: 17.68 ug/l m

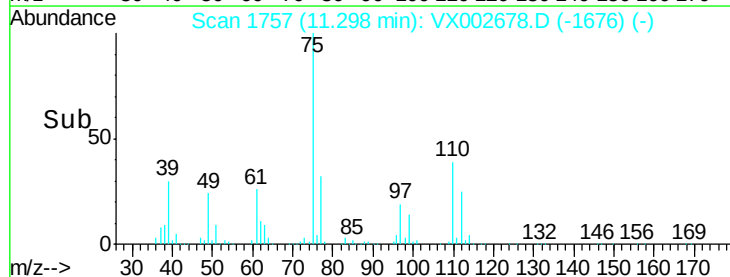
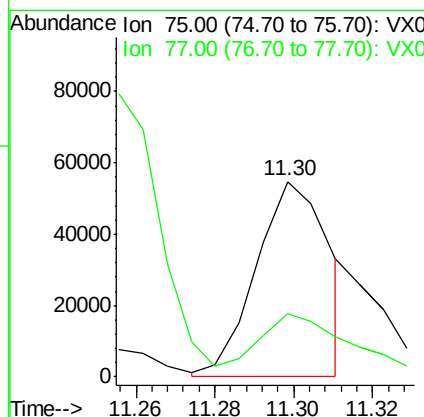
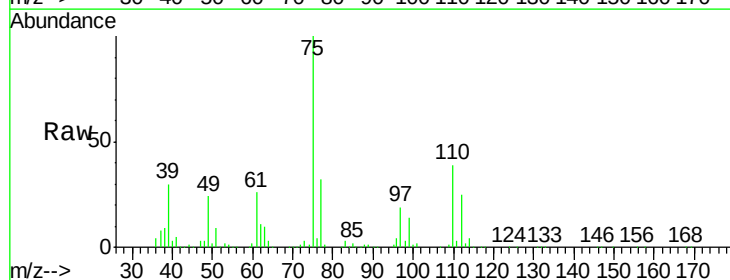
RT: 11.30 min Scan# 1757

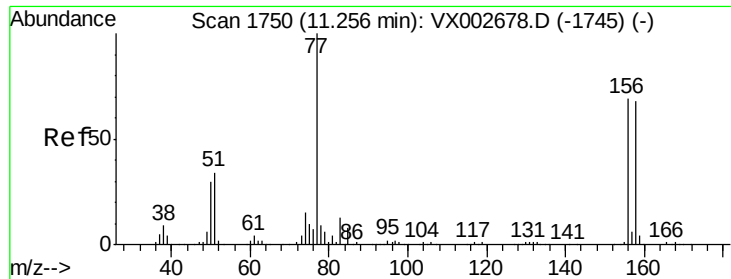
Delta R.T. -0.01 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Tgt Ion:	75	Resp:	70483
Ion	Ratio	Lower	Upper
75	100		
77	41.4	0.0	71.8





#73

Bromobenzene

Concen: 20.07 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion:156 Resp: 72772

Ion Ratio Lower Upper

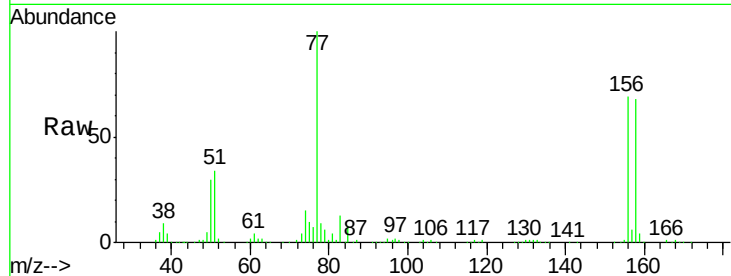
156 100

77 138.1 0.0 301.0

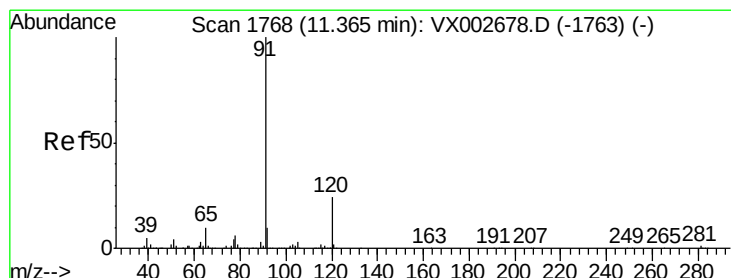
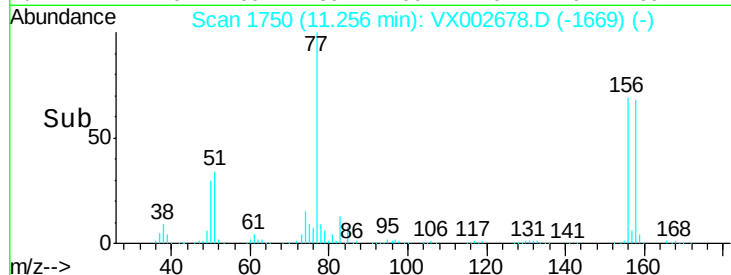
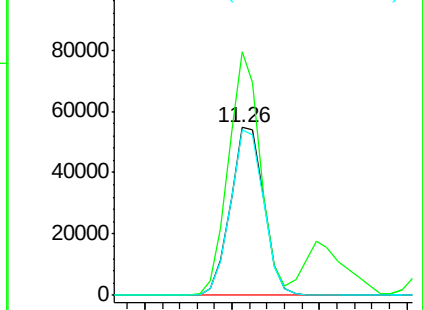
158 97.7 0.0 196.2

Manual Integrations
APPROVED

MMDadoda
6/19/2018 1:05:28 PM



Abundance Ion 156.00 (155.70 to 156.70): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 20.30 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002678.D

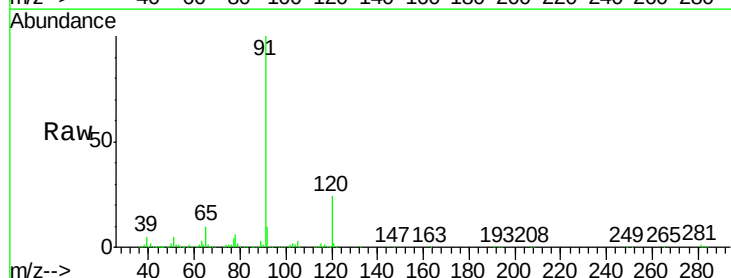
Acq: 18 Jun 2018 13:10

Tgt Ion: 91 Resp: 305948

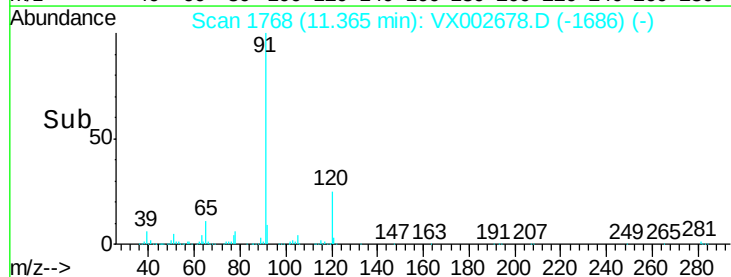
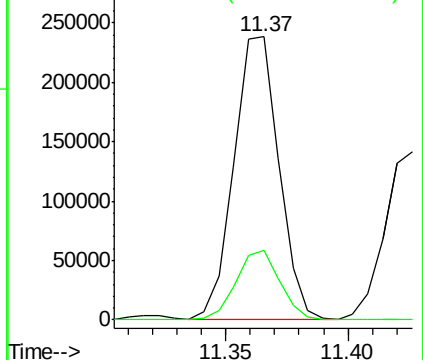
Ion Ratio Lower Upper

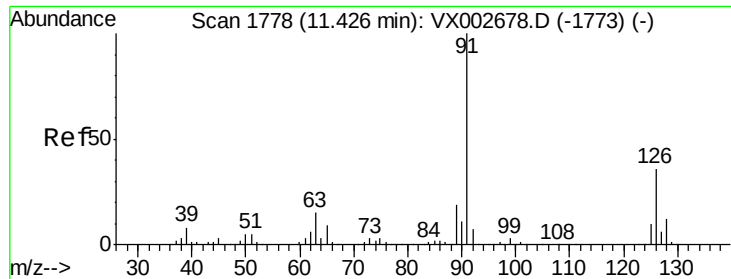
91 100

120 23.7 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.16 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 91 Resp: 178096

Ion Ratio Lower Upper

91 100

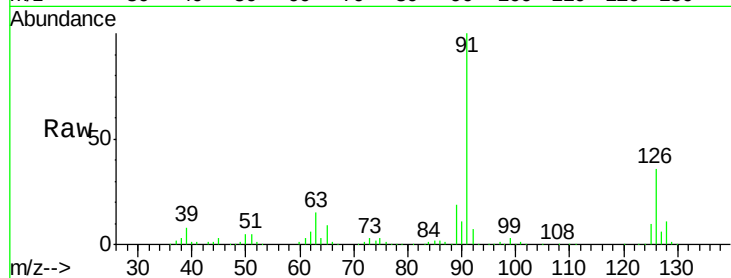
126 35.8 0.0 69.4

Manual Integrations

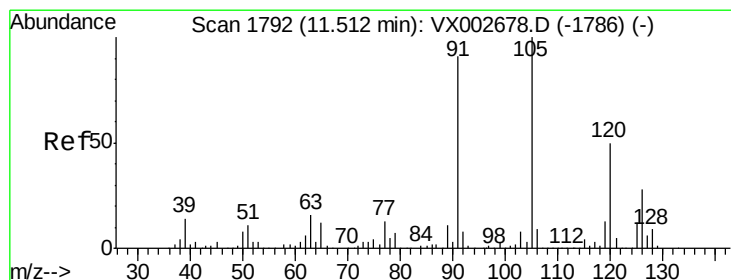
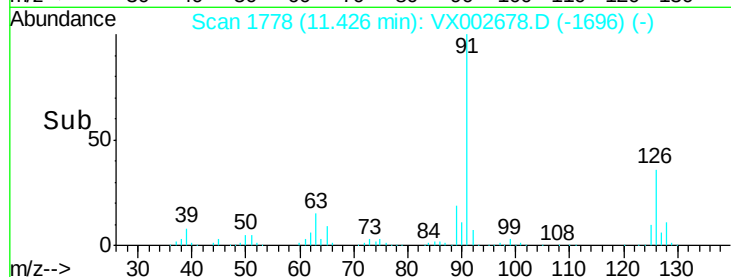
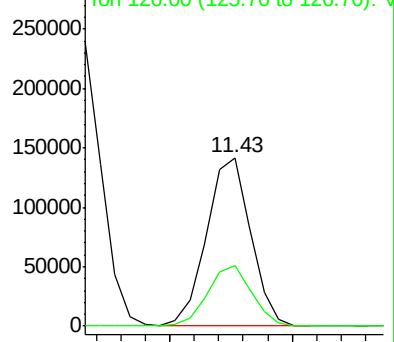
APPROVED

MMDadoda

6/19/2018 1:05:28 PM



Abundance Ion 91.00 (90.70 to 91.70): VX002678.D (-1773) (-)



#76

1,3,5-Trimethylbenzene

Concen: 19.33 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002678.D

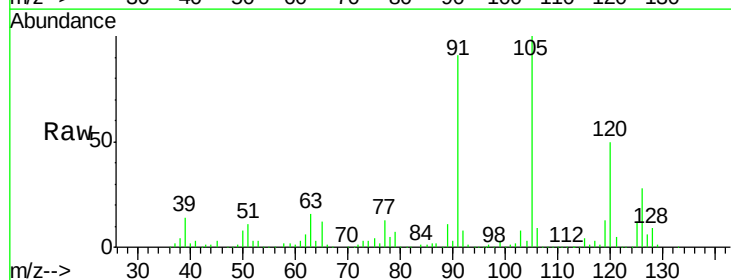
Acq: 18 Jun 2018 13:10

Tgt Ion: 105 Resp: 221920

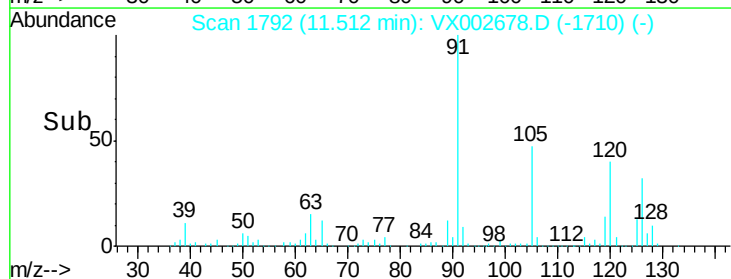
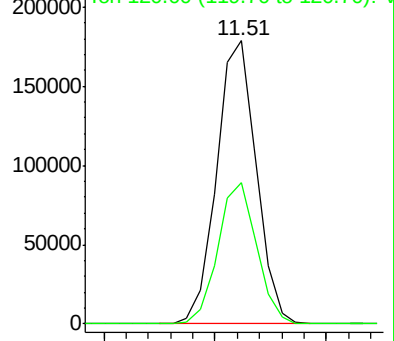
Ion Ratio Lower Upper

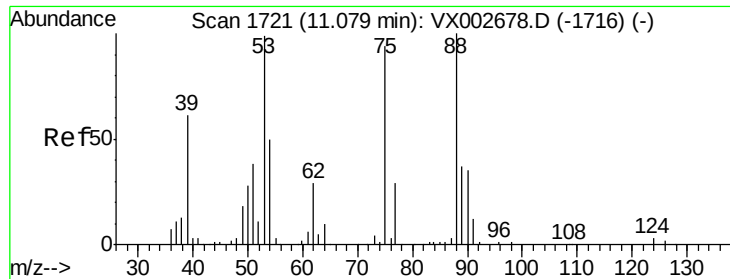
105 100

120 48.8 0.0 96.8



Abundance Ion 105.00 (104.70 to 105.70): VX002678.D (-1786) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 14.26 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 75 Resp: 20593

Ion Ratio Lower Upper

75 100

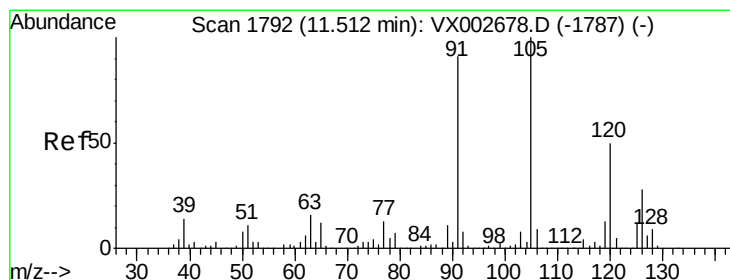
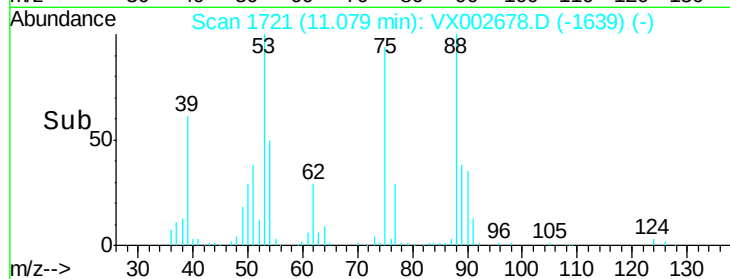
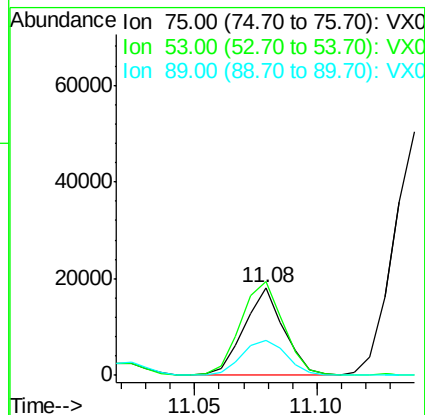
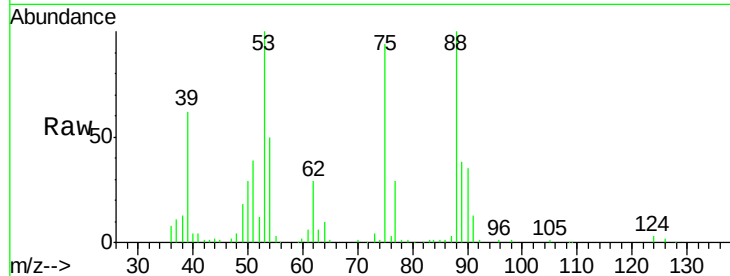
53 106.1 48.3 144.9

89 40.2 21.8 65.4

Manual Integrations
APPROVED

MMDadoda

6/19/2018 1:05:28 PM



#78

4-Chlorotoluene

Concen: 19.37 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002678.D

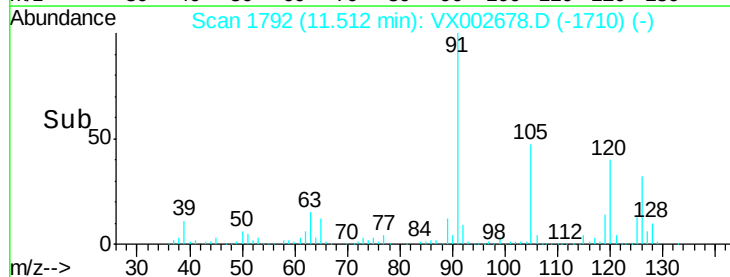
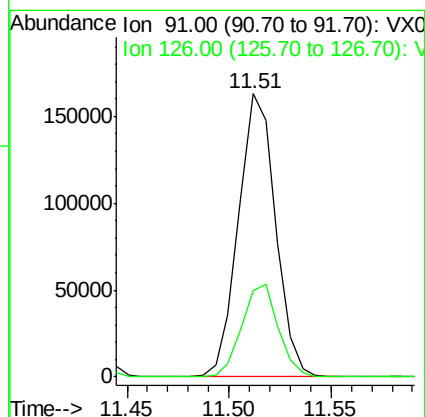
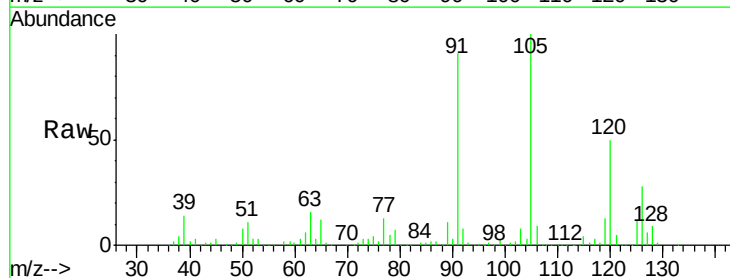
Acq: 18 Jun 2018 13:10

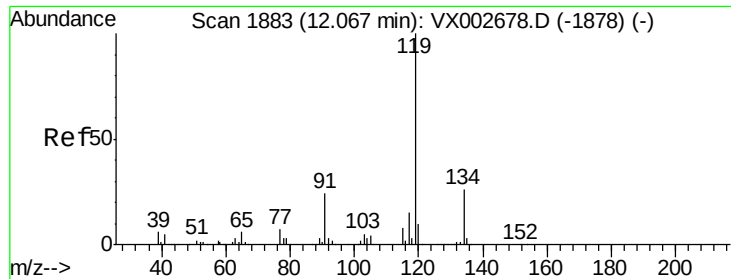
Tgt Ion: 91 Resp: 204727

Ion Ratio Lower Upper

91 100

126 32.2 0.0 61.0





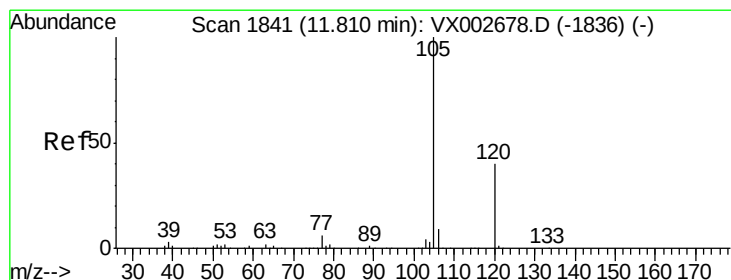
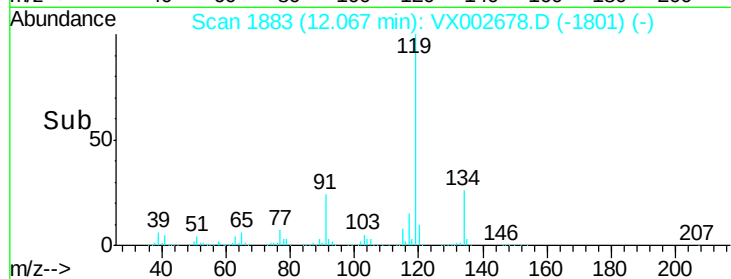
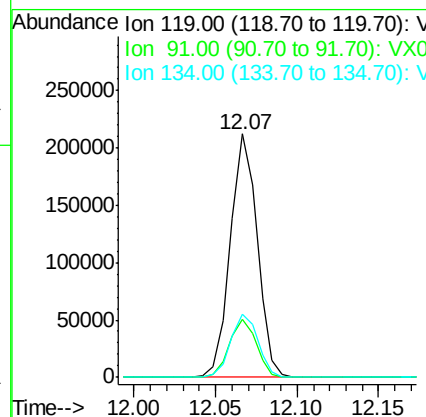
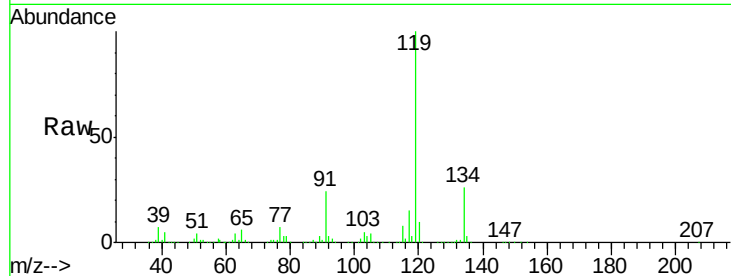
#79
 tert-butylbenzene
 Concen: 20.24 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX002678.D
 Acq: 18 Jun 2018 13:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	243655		
91	23.9		0.0	48.0
134	26.4		0.0	52.6

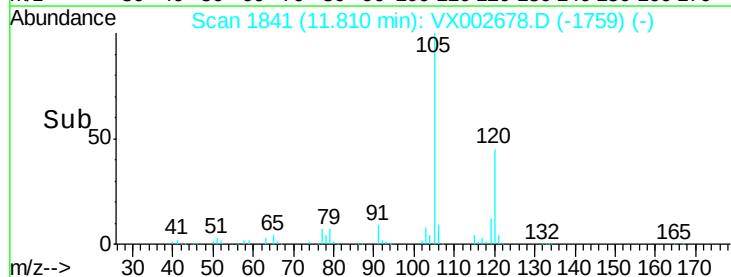
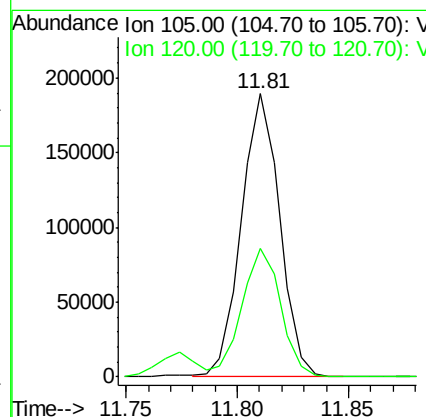
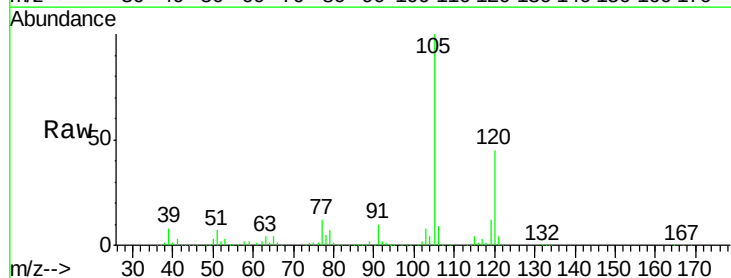
Manual Integrations
 APPROVED

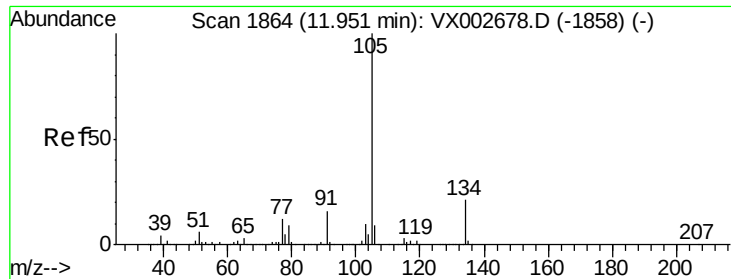
MMDadoda
 6/19/2018 1:05:28 PM



#80
 1,2,4-Trimethylbenzene
 Concen: 19.64 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002678.D
 Acq: 18 Jun 2018 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	227927		
120	45.6		0.0	89.2





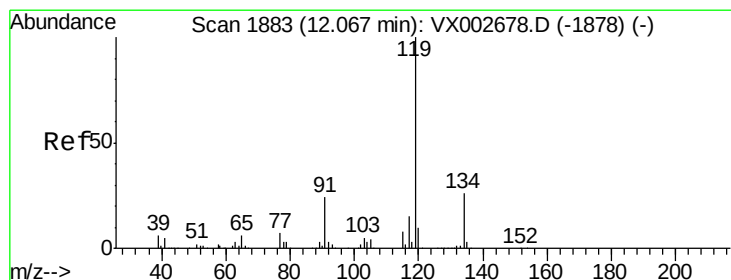
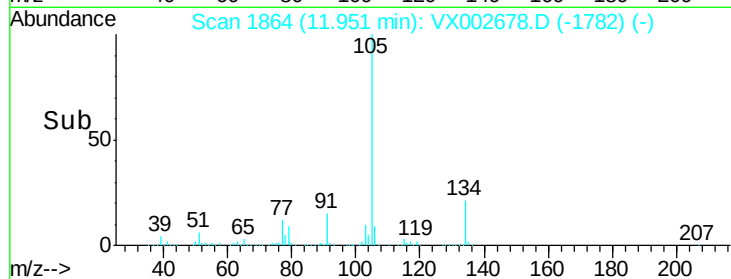
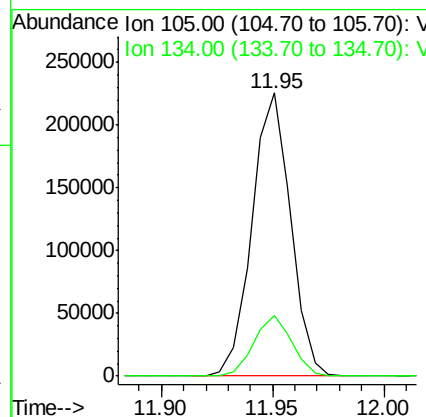
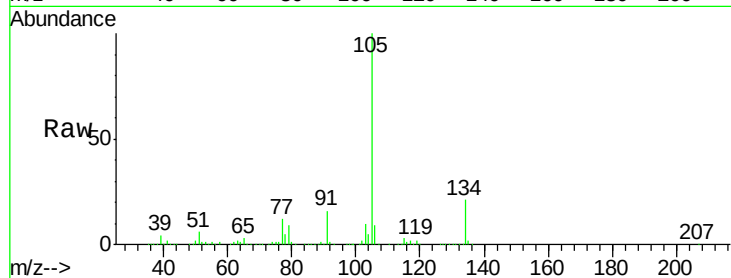
#81
 sec-Butylbenzene
 Concen: 20.27 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002678.D
 Acq: 18 Jun 2018 13:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
105	100	272723		
134	21.1	0.0	41.6	

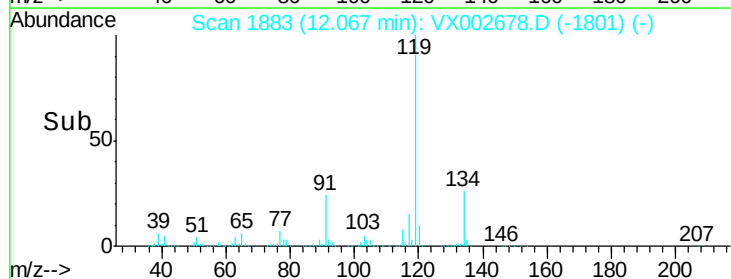
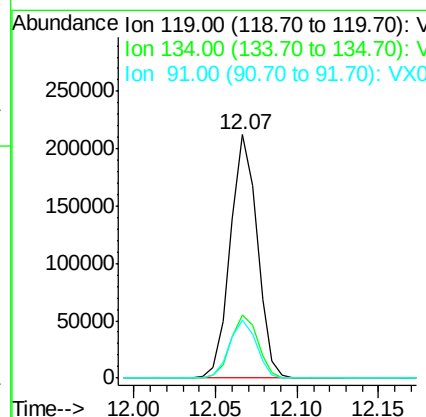
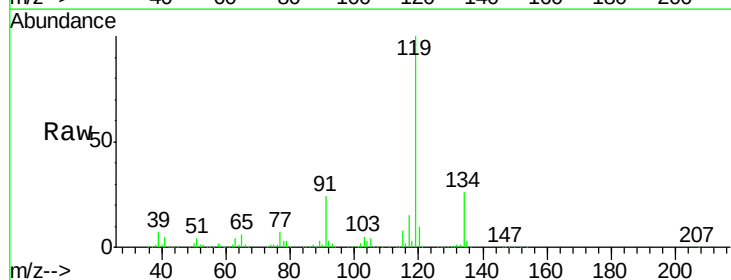
Manual Integrations
 APPROVED

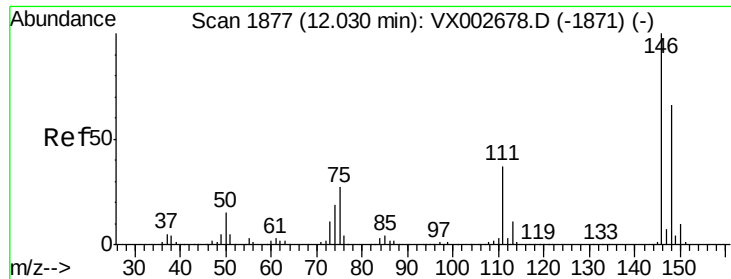
MMDadoda
 6/19/2018 1:05:28 PM



#82
 p-Isopropyltoluene
 Concen: 20.24 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX002678.D
 Acq: 18 Jun 2018 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	243655		
134	26.4	0.0	52.6	
91	23.9	0.0	48.0	





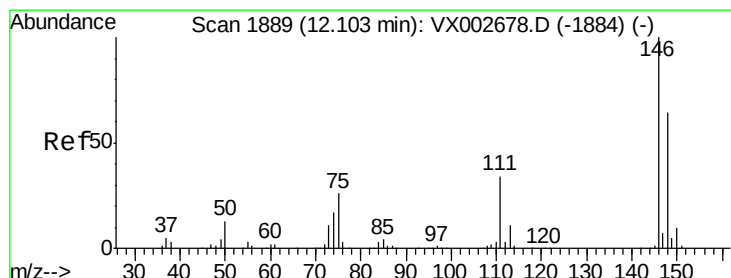
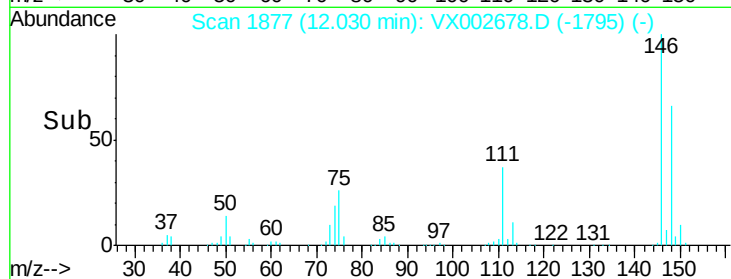
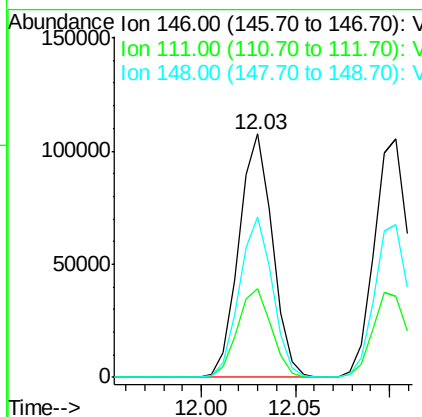
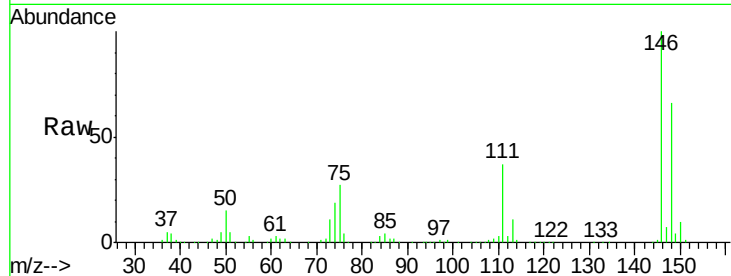
#83
 1,3-Dichlorobenzene
 Concen: 20.70 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002678.D
 Acq: 18 Jun 2018 13:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
146	100	133015		
111	37.0	19.1	57.5	
148	65.0	31.9	95.7	

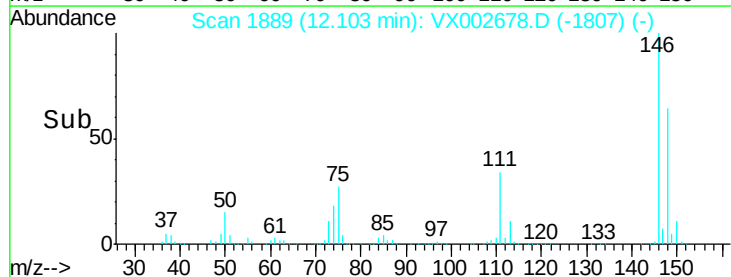
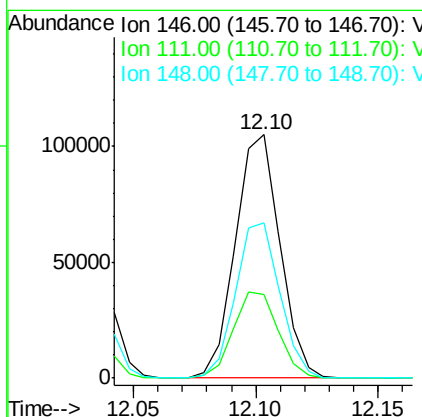
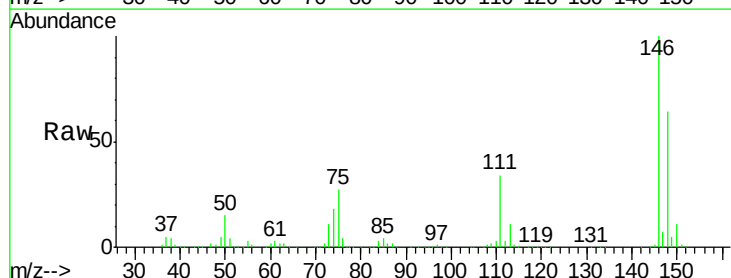
Manual Integrations
 APPROVED

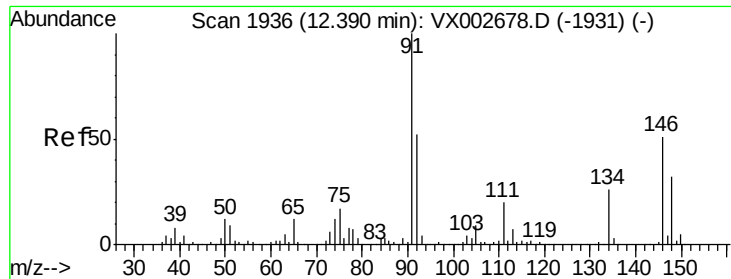
MMDadoda
 6/19/2018 1:05:28 PM



#84
 1,4-Dichlorobenzene
 Concen: 20.75 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002678.D
 Acq: 18 Jun 2018 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	132691		
111	35.8	18.5	55.5	
148	63.4	32.0	96.0	





#85

n-Butylbenzene

Concen: 20.72 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Instrument :

MSVOA_X

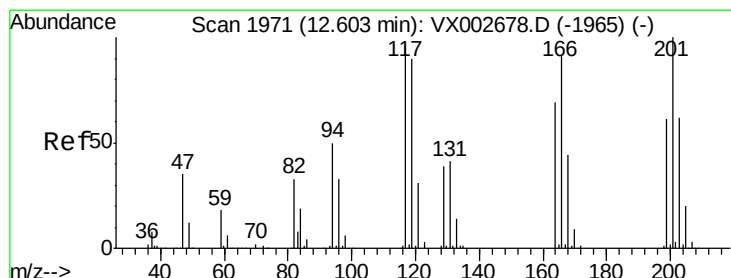
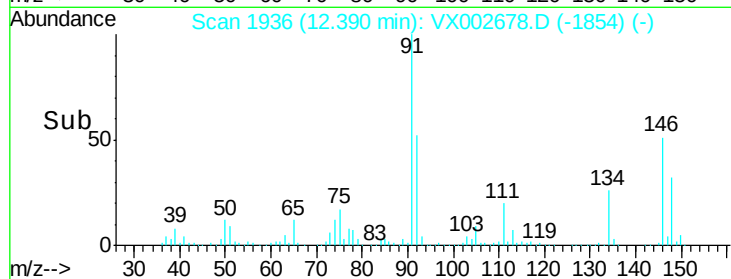
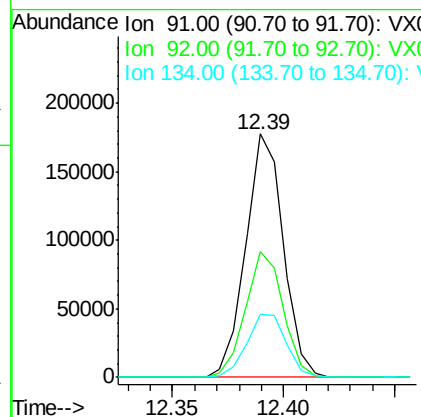
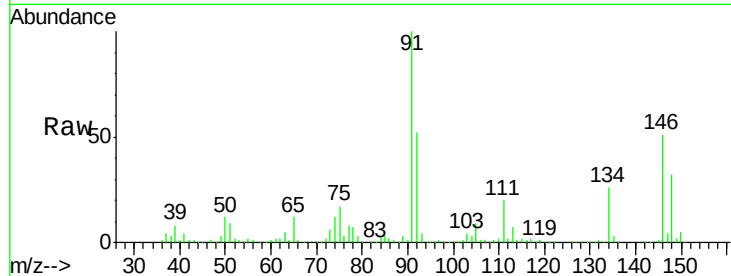
ClientSampleId :

VSTDICCC020

Tot Ion:	91	Resp:	209190
Ion Ratio	Lower	Upper	
91	100		
92	51.7	0.0	105.2
134	27.2	0.0	53.2

Manual Integrations
APPROVED

MMDadoda
6/19/2018 1:05:28 PM



#86

Hexachloroethane

Concen: 14.42 ug/l

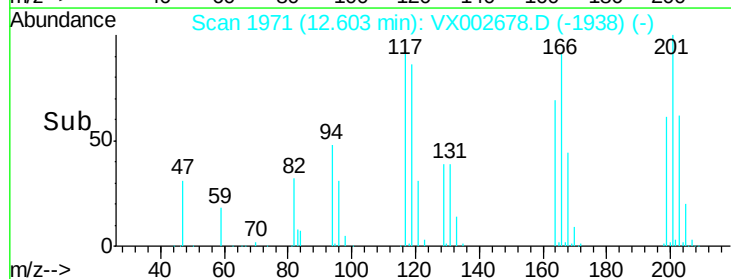
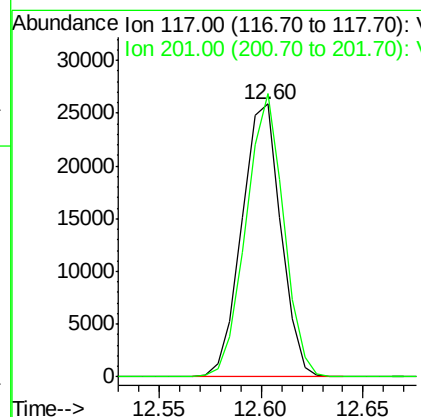
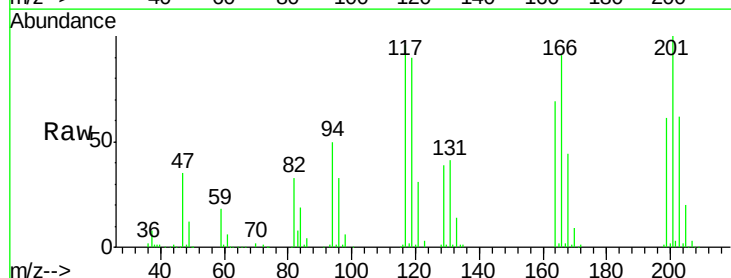
RT: 12.60 min Scan# 1971

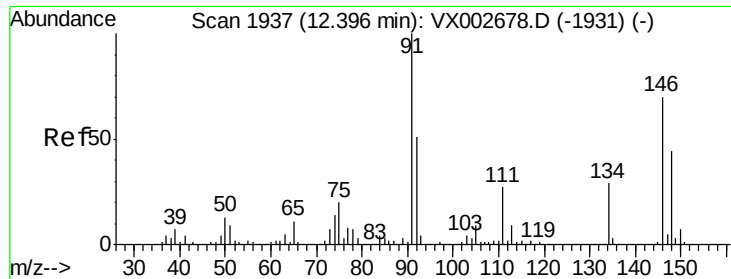
Delta R.T. -0.00 min

Lab File: VX002678.D

Acq: 18 Jun 2018 13:10

Tgt Ion:	117	Resp:	34536
Ion Ratio	Lower	Upper	
117	100		
201	98.9	47.6	142.8





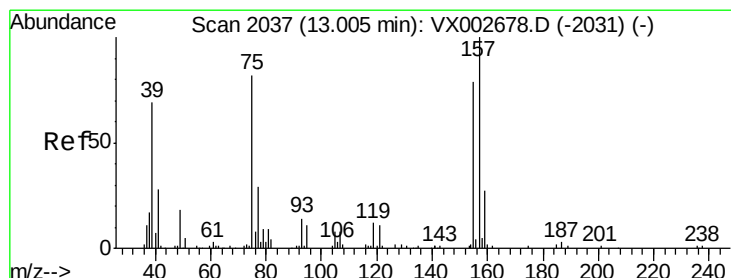
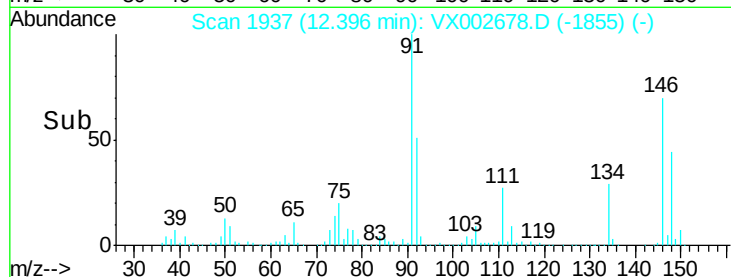
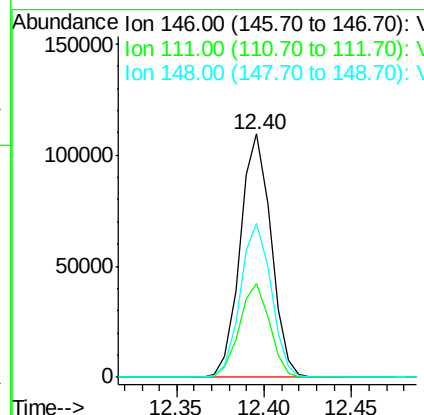
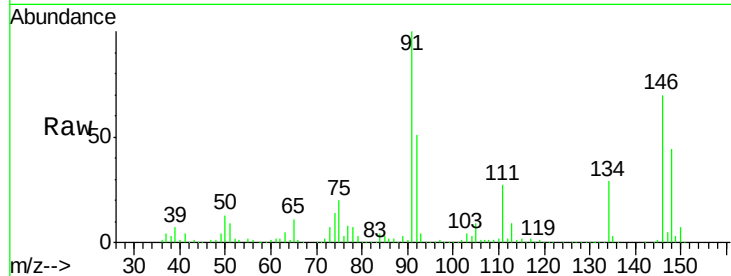
#87
 1,2-Dichlorobenzene
 Concen: 20.38 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002678.D
 Acq: 18 Jun 2018 13:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
146	100	134896		
111	38.0	20.0	59.9	
148	63.1	32.8	98.3	

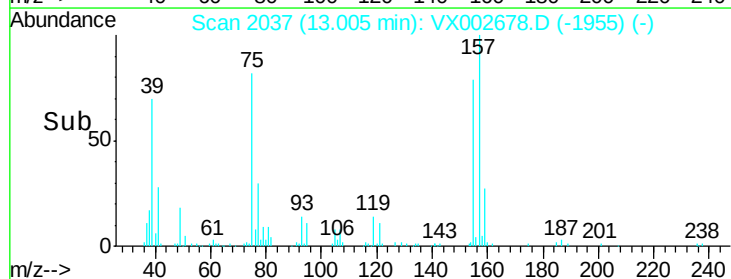
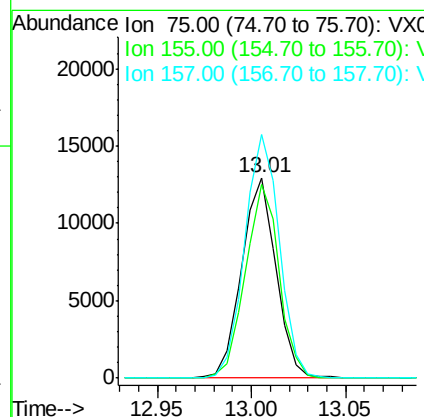
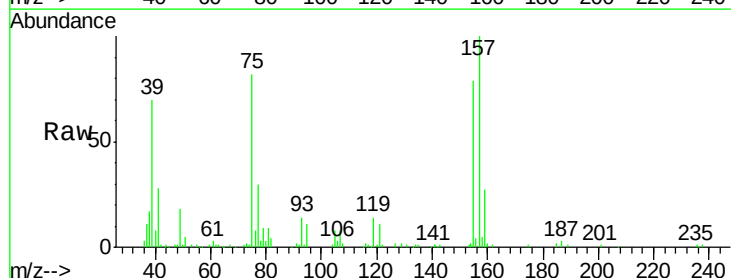
Manual Integrations
 APPROVED

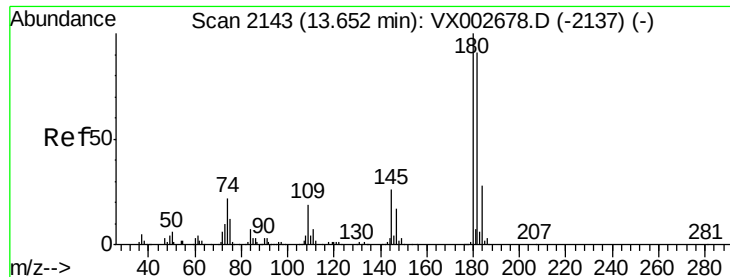
MMDadoda
 6/19/2018 1:05:28 PM



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 13.32 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002678.D
 Acq: 18 Jun 2018 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	16421		
155	94.2	73.1	109.7	
157	122.1	93.1	139.7	





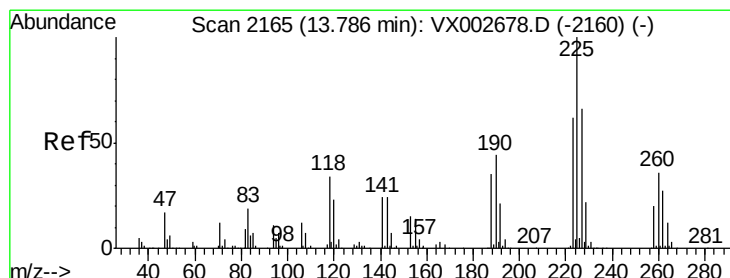
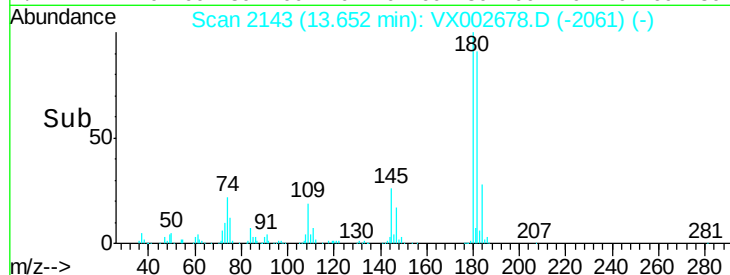
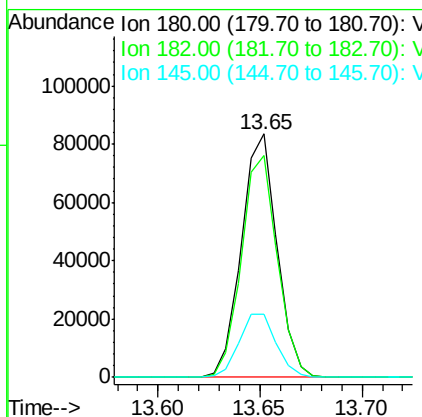
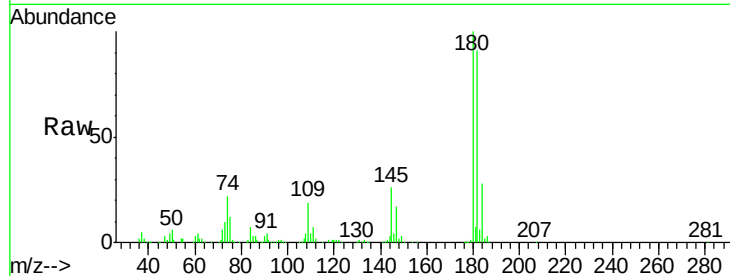
#89
 1,2,4-Trichlorobenzene
 Concen: 21.48 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002678.D
 Acq: 18 Jun 2018 13:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	100956		
182	92.6		76.4	114.6
145	27.3		22.9	34.3

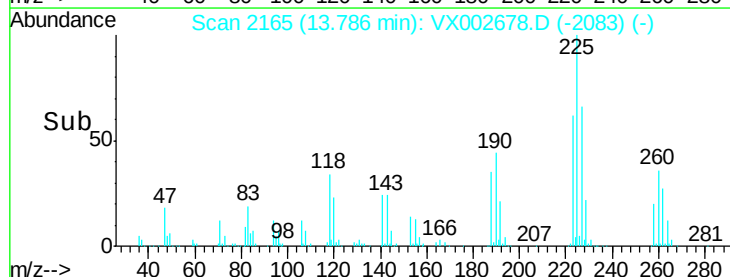
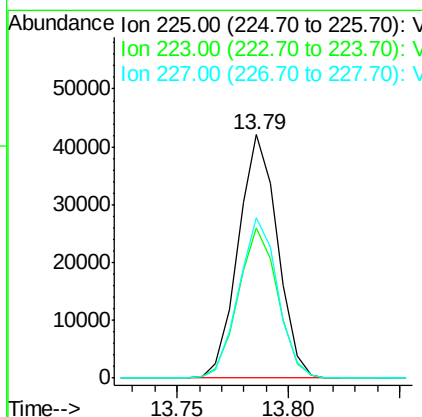
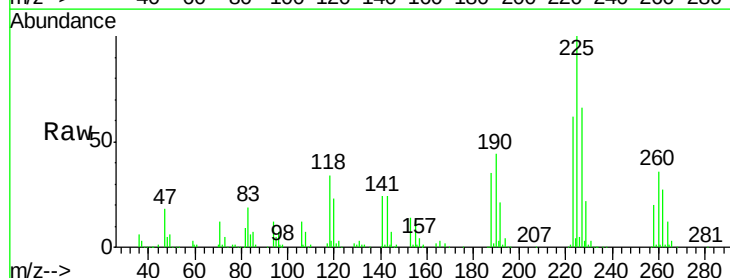
Manual Integrations
 APPROVED

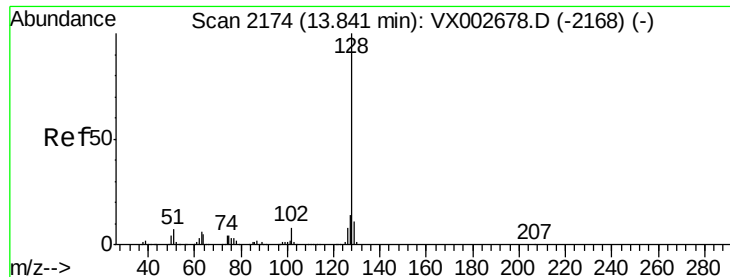
MMDadoda
 6/19/2018 1:05:28 PM



#90
 Hexachlorobutadiene
 Concen: 20.71 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002678.D
 Acq: 18 Jun 2018 13:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	51768		
223	62.1		0.0	122.4
227	65.3		0.0	128.0





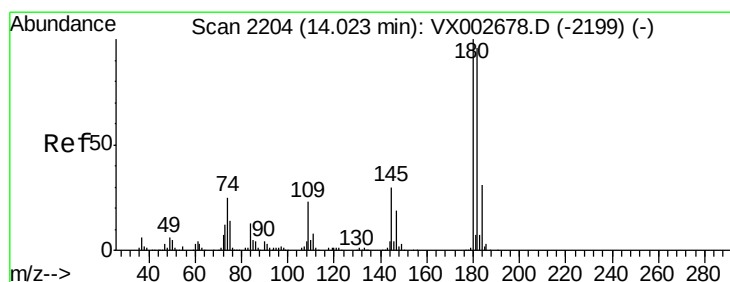
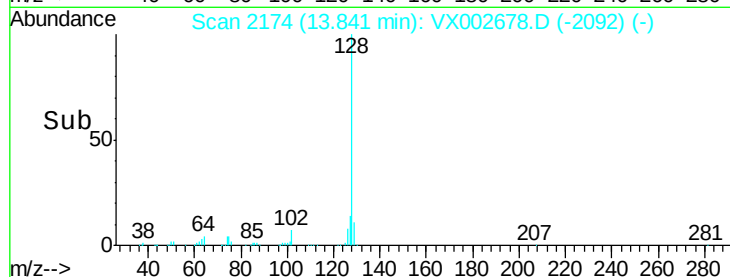
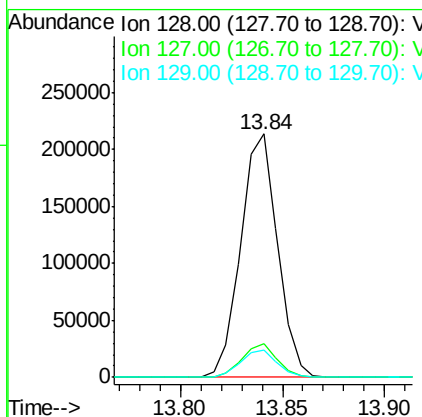
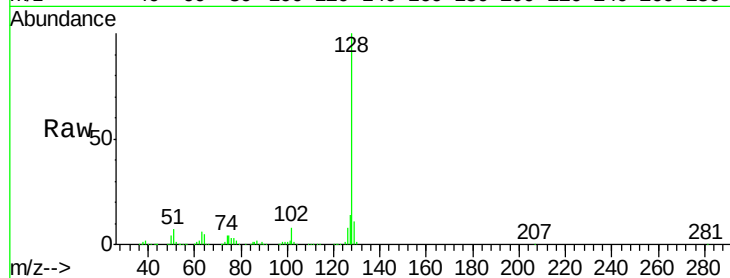
#91
Naphthalene
Concen: 18.12 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	11.0	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
6/19/2018 1:05:28 PM



#92
1,2,3-Trichlorobenzene
Concen: 20.33 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002678.D
Acq: 18 Jun 2018 13:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	0.0	191.0
145	29.9	0.0	60.6

