

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
 Data File : VX002565.D
 Acq On : 14 Jun 2018 21:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/15/2018 1:11:55 PM

Quant Time: Jun 15 03:13:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	166057	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	289281	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	292702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	187103	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	148069	63.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	126.54%	
35) Dibromofluoromethane	5.51	113	111946	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
50) Toluene-d8	8.72	98	392710	45.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.08%	
62) 4-Bromofluorobenzene	11.14	95	160399	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	44311	25.669	ug/l	100
3) Chloromethane	1.32	50	99202	50.165	ug/l	100
4) Vinyl Chloride	1.40	62	93831	43.129	ug/l	100
5) Bromomethane	1.64	94	68007	55.612	ug/l	99
6) Chloroethane	1.72	64	73808	52.446	ug/l	98
7) Trichlorofluoromethane	1.92	101	129473	39.059	ug/l	97
8) Diethyl Ether	2.19	74	84623	72.938	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	61998	34.659	ug/l	100
10) Methyl Iodide	2.51	142	131694	52.342	ug/l	98
11) Tert butyl alcohol	3.09	59	165709	348.275	ug/l	100
12) 1,1-Dichloroethene	2.37	96	82599	46.724	ug/l	98
13) Acrolein	2.29	56	30264	123.417	ug/l	99
14) Allyl chloride	2.73	41	209209	54.533	ug/l	99
15) Acrylonitrile	3.15	53	375563	376.511	ug/l	100
16) Acetone	2.45	43	344046	344.095	ug/l	100
17) Carbon Disulfide	2.57	76	174054	37.357	ug/l	99
18) Methyl Acetate	2.78	43	189253	81.240	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	460246	76.008	ug/l	100
20) Methylene Chloride	2.86	84	128286	69.397	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	104271	53.487	ug/l	96
22) Diisopropyl ether	3.88	45	422215	66.363	ug/l	98
23) Vinyl Acetate	3.83	43	1867310	300.250	ug/l	99
24) 1,1-Dichloroethane	3.70	63	209528	55.259	ug/l	99
25) 2-Butanone	4.71	43	493553	303.131	ug/l	97
26) 2,2-Dichloropropane	4.59	77	123534	41.679	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	123694	58.344	ug/l	93
28) Bromochloromethane	5.02	49	109871	69.522	ug/l	98
29) Tetrahydrofuran	5.17	42	319254	304.123	ug/l	98
30) Chloroform	5.22	83	217995	59.580	ug/l	99
31) Cyclohexane	5.57	56	96351	32.135	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	159439	51.383	ug/l	100
36) 1,1-Dichloropropene	5.81	75	120223	39.532	ug/l	99
37) Ethyl Acetate	4.87	43	198896	54.383	ug/l	100
38) Carbon Tetrachloride	5.78	117	123160	38.711	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
 Data File : VX002565.D
 Acq On : 14 Jun 2018 21:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/15/2018 1:11:55 PM

Quant Time: Jun 15 03:13:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	87314	23.380	ug/l	97
40) Benzene	6.15	78	445419	47.767	ug/l	100
41) Methacrylonitrile	5.07	41	111903	53.449	ug/l	99
42) 1,2-Dichloroethane	6.20	62	193418	52.208	ug/l	100
43) Isopropyl Acetate	6.47	43	334833	53.901	ug/l	99
44) Trichloroethene	7.22	130	119197	46.058	ug/l	99
45) 1,2-Dichloropropane	7.52	63	127083	50.483	ug/l	100
46) Dibromomethane	7.67	93	89925	52.695	ug/l	99
47) Bromodichloromethane	7.90	83	163918	53.110	ug/l	99
48) Methyl methacrylate	7.78	41	170864	54.758	ug/l	98
49) 1,4-Dioxane	7.76	88	57868	991.851	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1088851	281.465	ug/l	99
52) Toluene	8.79	92	286328	48.279	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	192714	52.067	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	181514	51.980	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	135044	55.363	ug/l	99
56) Ethyl methacrylate	9.18	69	215924	55.446	ug/l	99
57) 1,3-Dichloropropane	9.38	76	221907	54.227	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	519039	287.966	ug/l	99
59) 2-Hexanone	9.50	43	824202	275.831	ug/l	99
60) Dibromochloromethane	9.59	129	137982	56.239	ug/l	100
61) 1,2-Dibromoethane	9.68	107	141633	55.688	ug/l	99
64) Tetrachloroethene	9.34	164	125663	41.628	ug/l	99
65) Chlorobenzene	10.14	112	349800	48.028	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	134487	50.996	ug/l	100
67) Ethyl Benzene	10.26	91	560962	46.023	ug/l	99
68) m/p-Xylenes	10.36	106	431965	91.170	ug/l	99
69) o-Xylene	10.70	106	225699	47.867	ug/l	98
70) Styrene	10.71	104	387381	50.257	ug/l	99
71) Bromoform	10.86	173	109439	46.590	ug/l	98
73) Isopropylbenzene	11.02	105	552674	42.462	ug/l	100
74) N-amyl acetate	6.47	43	334833	47.743	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	209173	51.097	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	205951m	50.164	ug/l	
77) Bromobenzene	11.26	156	176129	48.201	ug/l	98
78) n-propylbenzene	11.37	91	621160	42.937	ug/l	100
79) 2-Chlorotoluene	11.43	91	406424	44.492	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	486113	43.543	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	52541	44.860	ug/l	96
82) 4-Chlorotoluene	11.51	91	480579	45.579	ug/l	99
83) tert-Butylbenzene	11.77	119	460695	42.377	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	519948	45.244	ug/l	99
85) sec-Butylbenzene	11.95	105	523263	41.057	ug/l	100
86) p-Isopropyltoluene	12.07	119	486685	41.924	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	309241	47.332	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	313758	46.590	ug/l	100
89) n-Butylbenzene	12.39	91	400270	41.112	ug/l	99
90) Hexachloroethane	12.60	117	77565	41.857	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	326734	48.334	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	46846	52.330	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
Data File : VX002565.D
Acq On : 14 Jun 2018 21:12
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

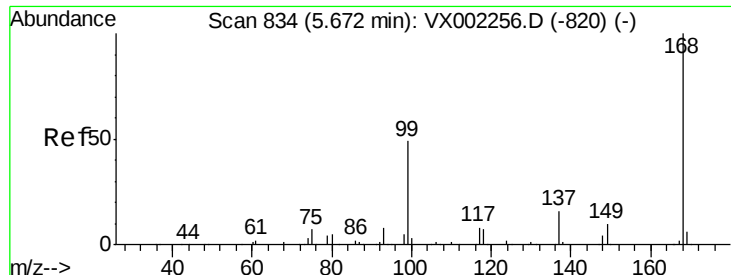
Manual Integrations
APPROVED

MMDadoda
6/15/2018 1:11:55 PM

Quant Time: Jun 15 03:13:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	227071	47.906	ug/l	99
94) Hexachlorobutadiene	13.79	225	85870	36.661	ug/l	99
95) Naphthalene	13.84	128	711899	52.273	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	239049	49.451	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 166057

Ion Ratio Lower Upper

168 100

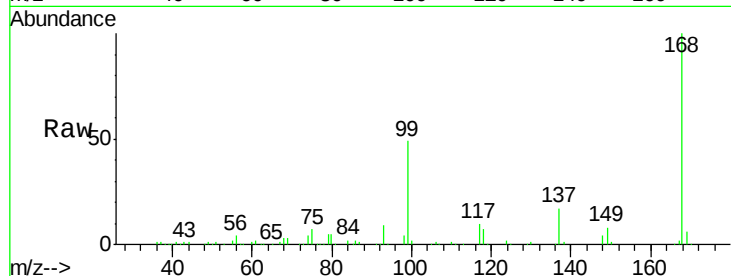
99 49.1 39.3 58.9

Manual Integrations

APPROVED

MMDadoda

6/15/2018 1:11:55 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

60000

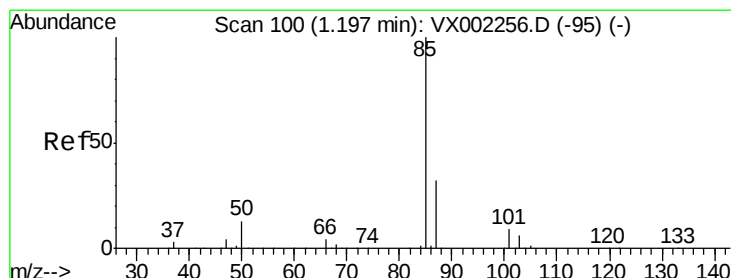
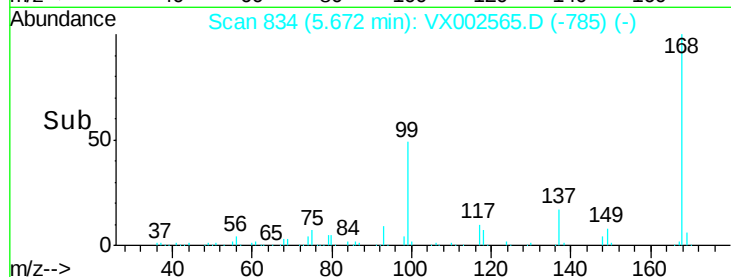
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 25.669 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002565.D

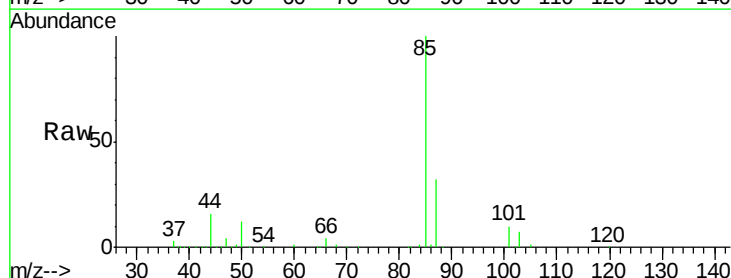
Acq: 14 Jun 2018 21:12

Tgt Ion: 85 Resp: 44311

Ion Ratio Lower Upper

85 100

87 31.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

50000

40000

30000

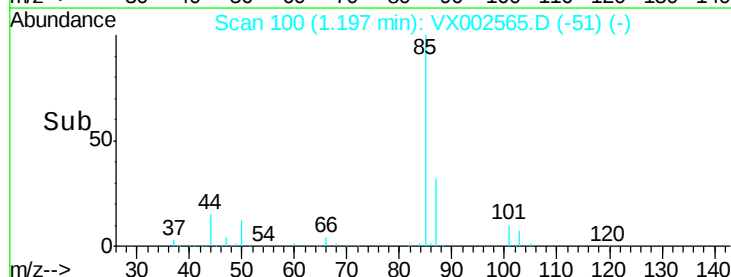
20000

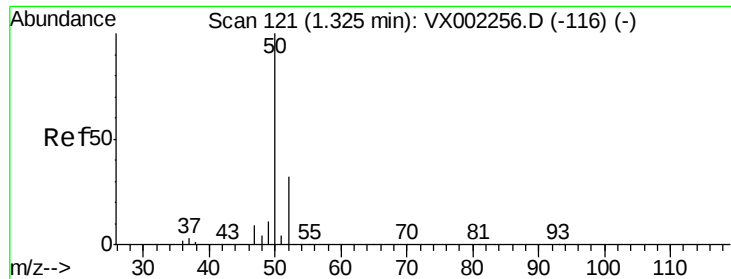
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 50.165 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 99202

Ion Ratio Lower Upper

50 100

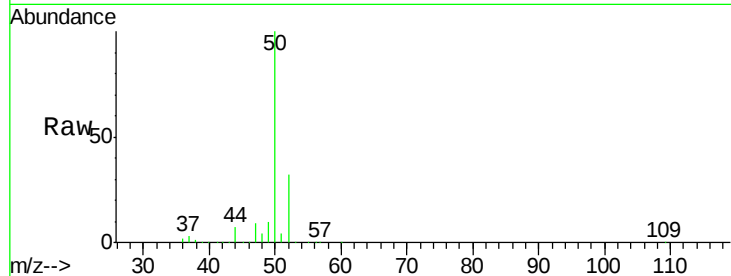
52 31.9 25.7 38.5

Manual Integrations

APPROVED

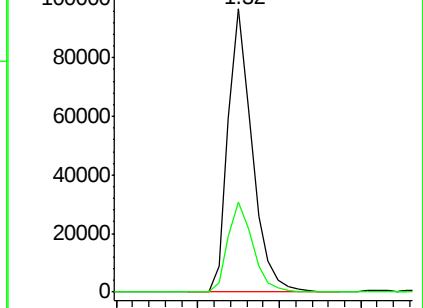
MMDadoda

6/15/2018 1:11:55 PM

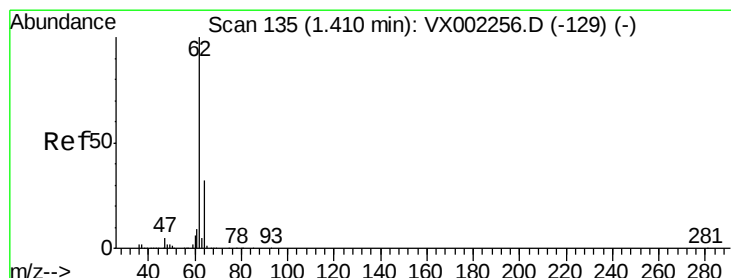
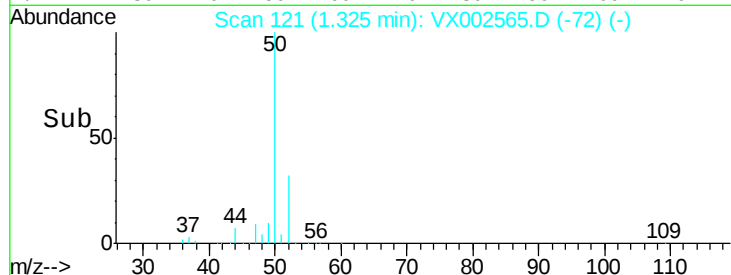


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 43.129 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX002565.D

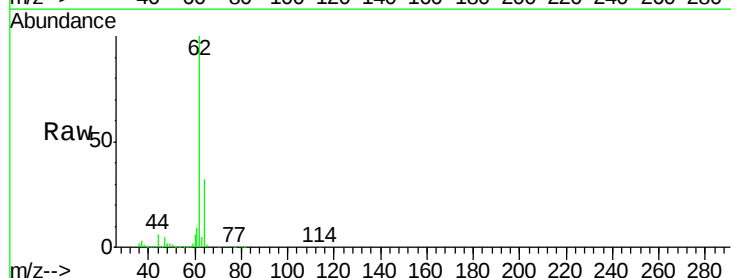
Acq: 14 Jun 2018 21:12

Tgt Ion: 62 Resp: 93831

Ion Ratio Lower Upper

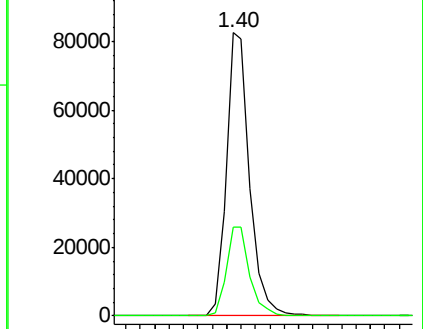
62 100

64 31.5 25.4 38.2

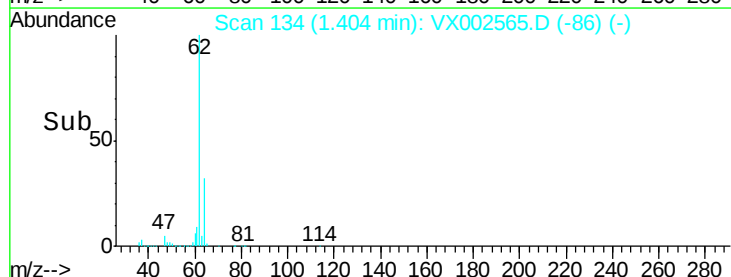


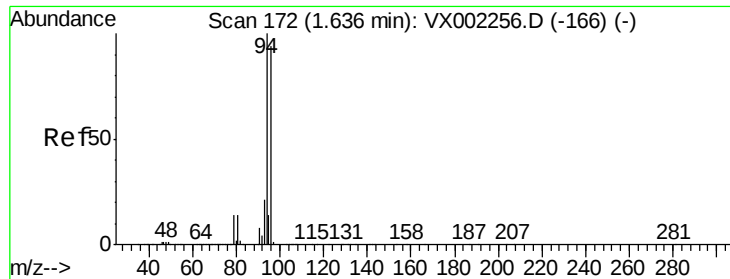
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 55.612 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 68007

Ion Ratio Lower Upper

94 100

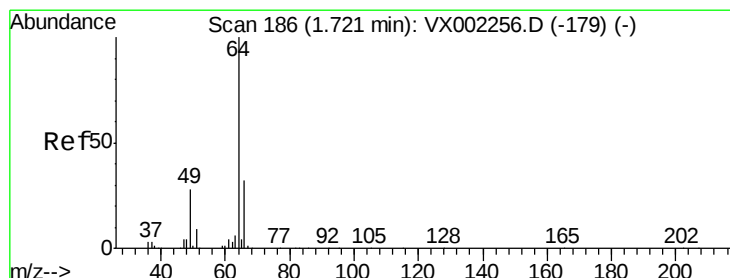
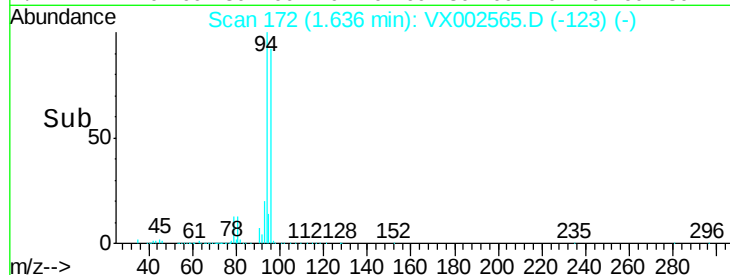
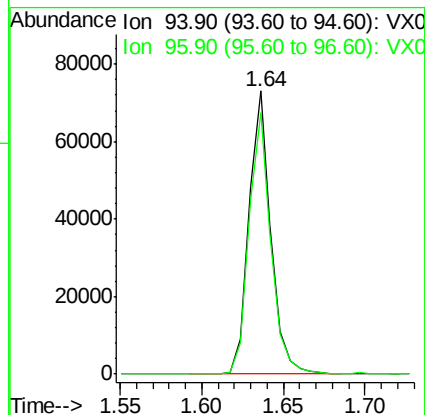
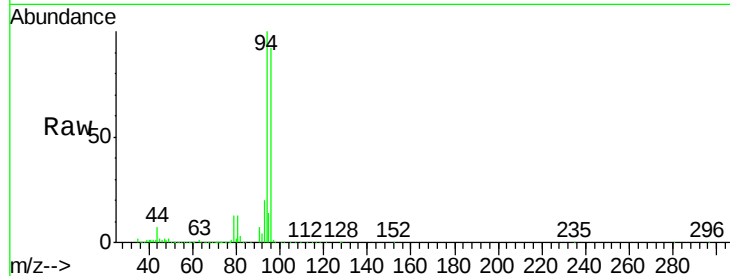
96 92.4 74.9 112.3

Manual Integrations

APPROVED

MMDadoda

6/15/2018 1:11:55 PM



#6

Chloroethane

Concen: 52.446 ug/l

RT: 1.72 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX002565.D

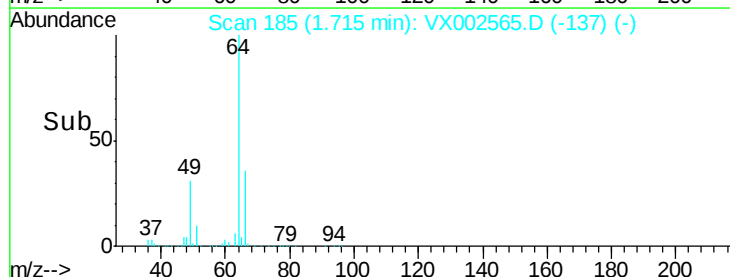
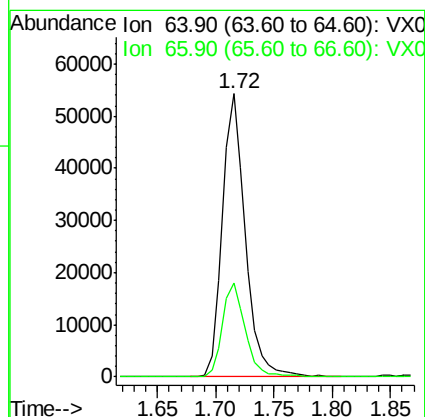
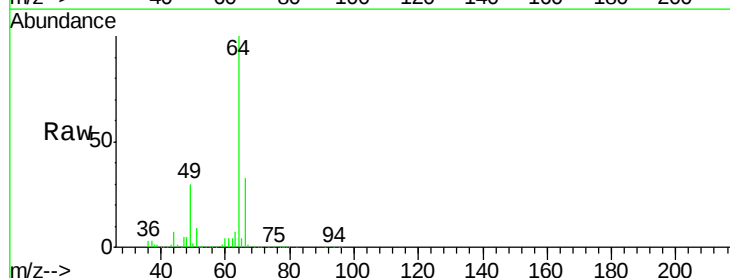
Acq: 14 Jun 2018 21:12

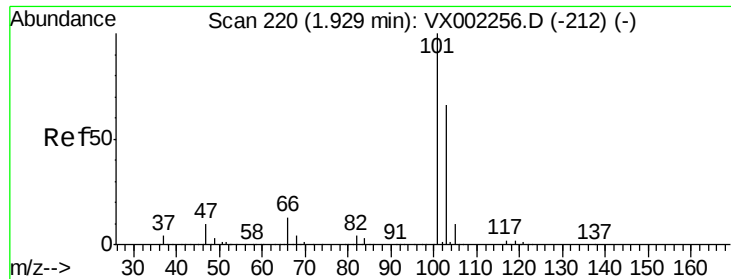
Tgt Ion: 64 Resp: 73808

Ion Ratio Lower Upper

64 100

66 33.1 25.5 38.3





#7

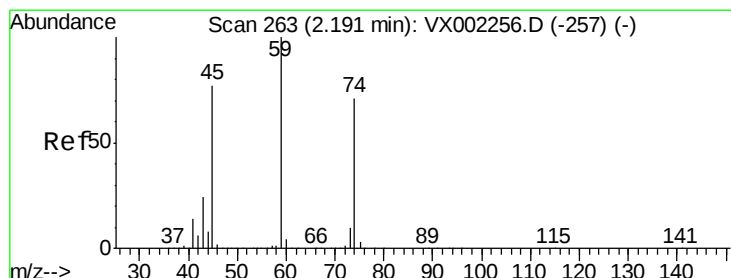
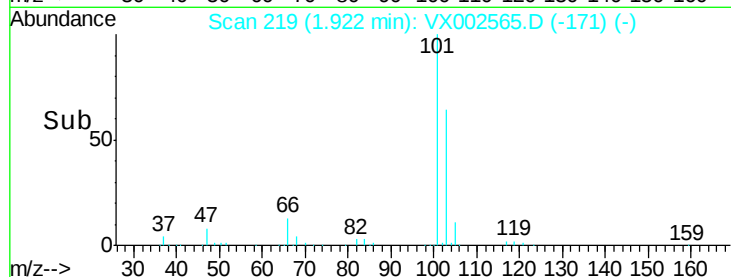
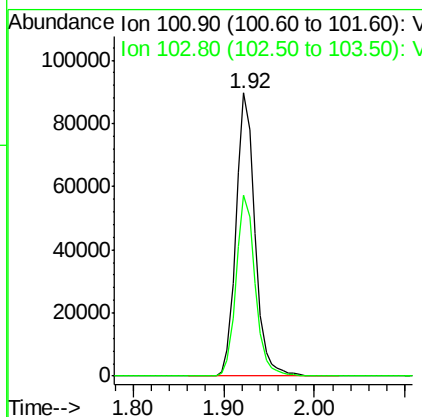
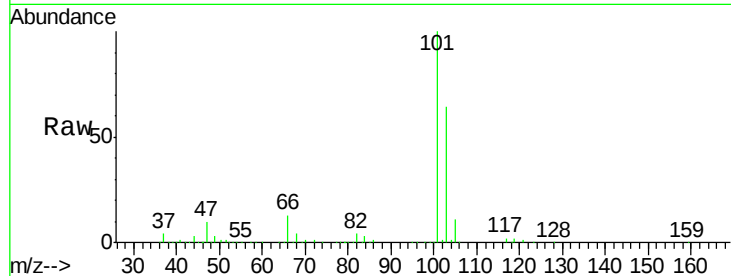
Trichlorofluoromethane
Concen: 39.059 ug/l
RT: 1.92 min Scan# 219
Delta R.T. -0.01 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	52.8	79.2

Manual Integrations
APPROVED

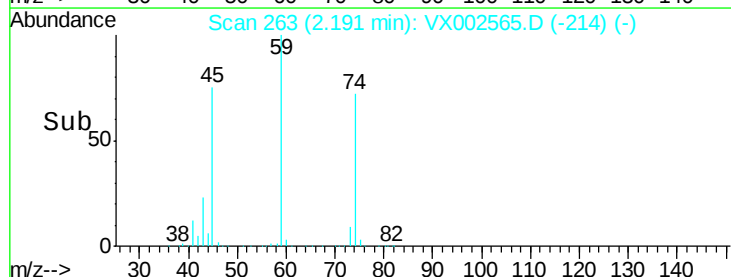
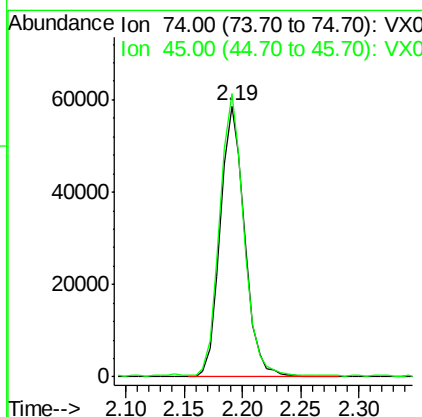
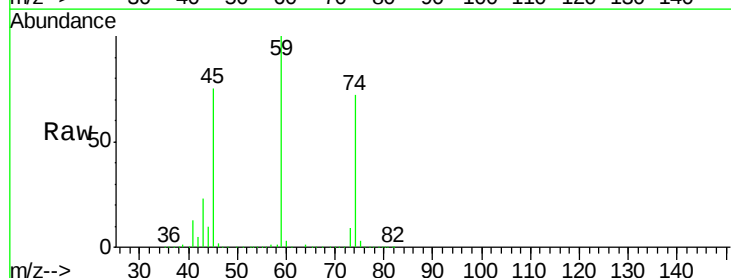
MMDadoda
6/15/2018 1:11:55 PM

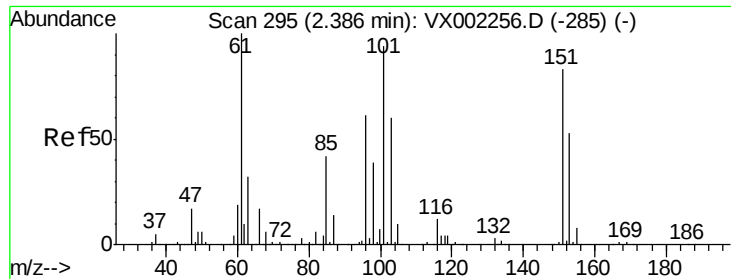


#8

Diethyl Ether
Concen: 72.938 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.5	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 34.659 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :

MSVOA_X

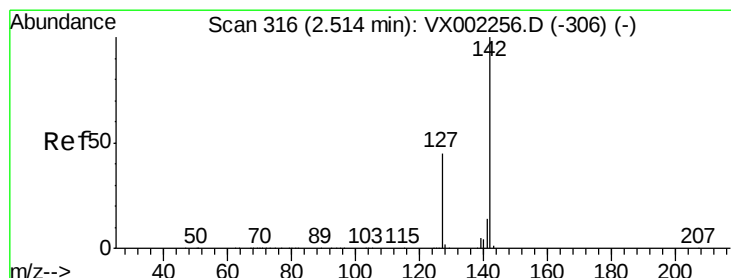
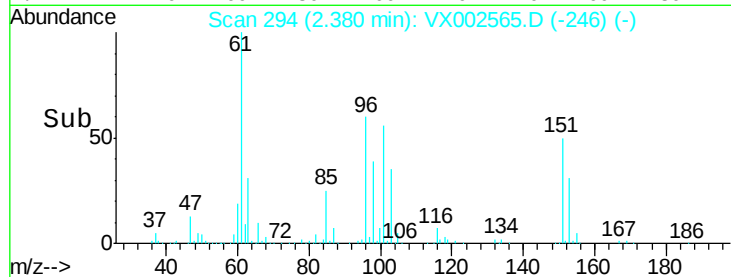
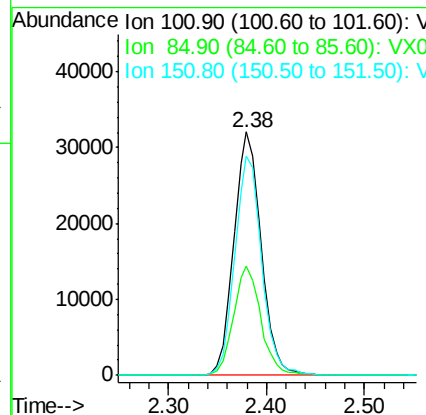
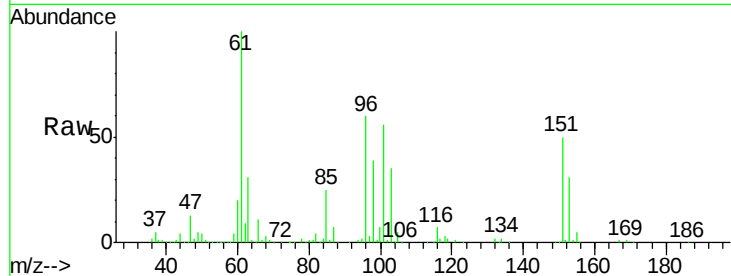
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	61998
Ion Ratio	Lower	Upper	
101	100		
85	44.8	36.0	54.0
151	88.8	70.9	106.3

Manual Integrations
APPROVED

MMDadoda
6/15/2018 1:11:55 PM



#10

Methyl Iodide

Concen: 52.342 ug/l

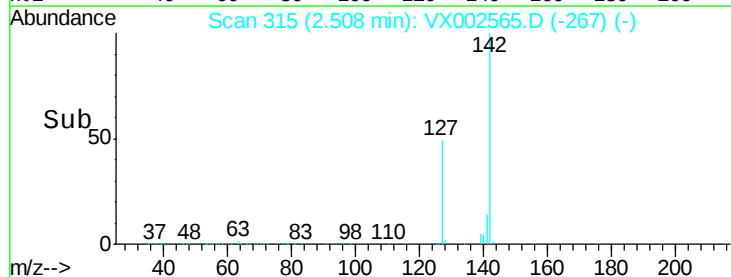
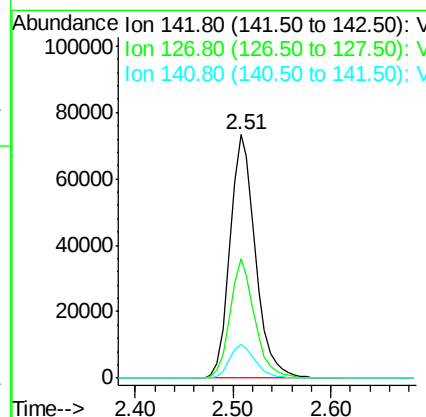
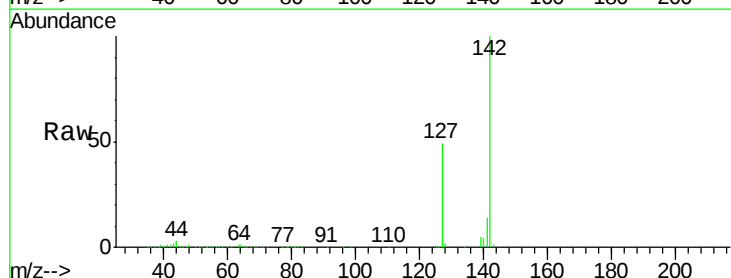
RT: 2.51 min Scan# 315

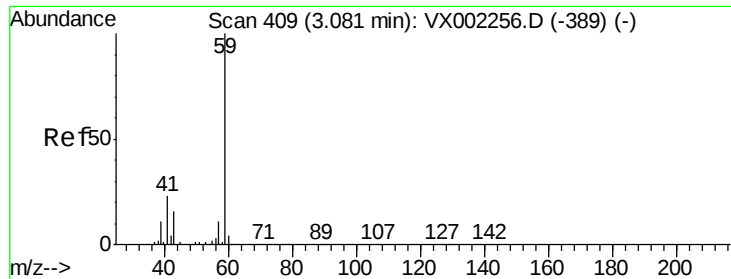
Delta R.T. -0.01 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Tgt Ion:	142	Resp:	131694
Ion Ratio	Lower	Upper	
142	100		
127	47.3	36.6	55.0
141	14.2	11.3	16.9





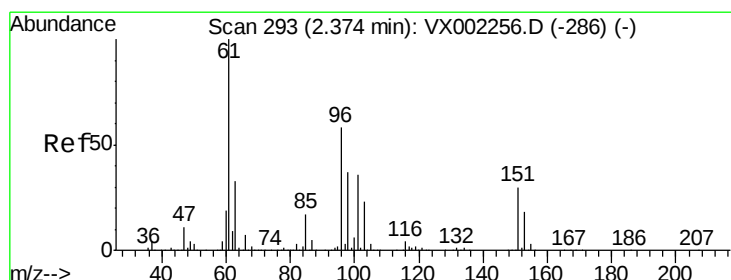
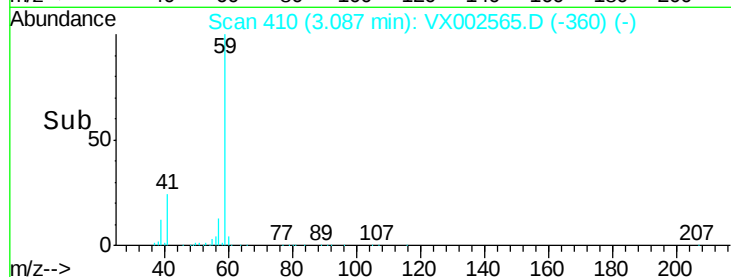
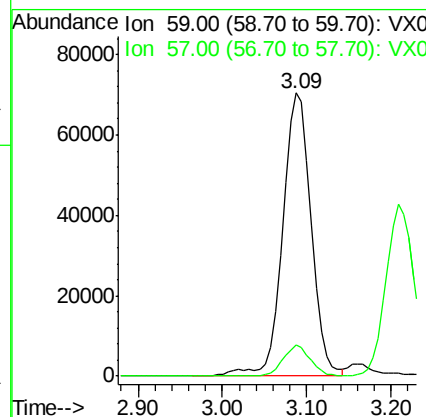
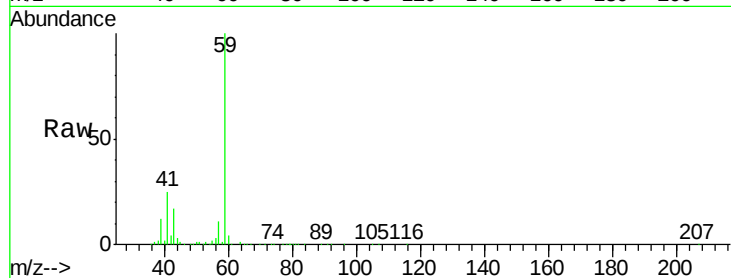
#11
Tert butyl alcohol
Concen: 348.275 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 165709
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2

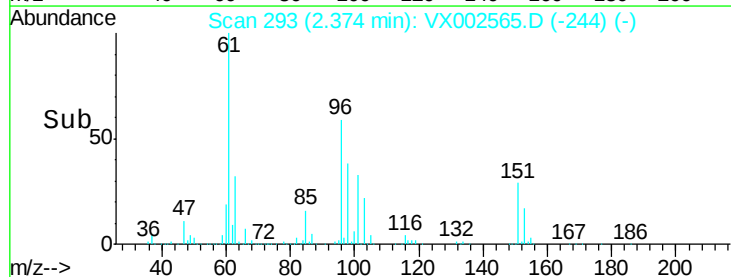
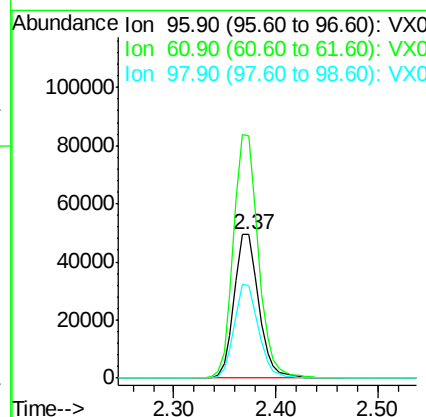
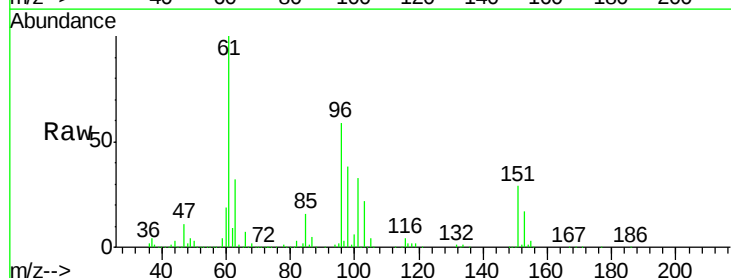
Manual Integrations
APPROVED

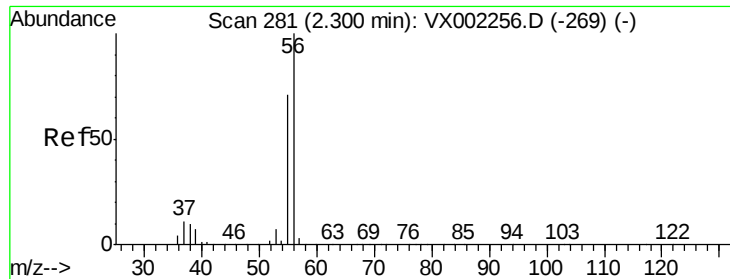
MMDadoda
6/15/2018 1:11:55 PM



#12
1,1-Dichloroethene
Concen: 46.724 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

Tgt Ion: 96 Resp: 82599
Ion Ratio Lower Upper
96 100
61 168.5 137.9 206.9
98 64.0 51.6 77.4





#13

Acrolein

Concen: 123.417 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 30264

Ion Ratio Lower Upper

56 100

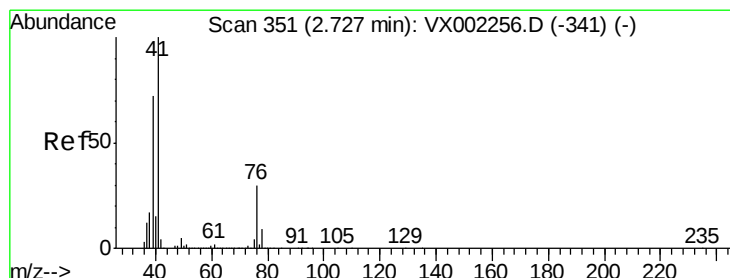
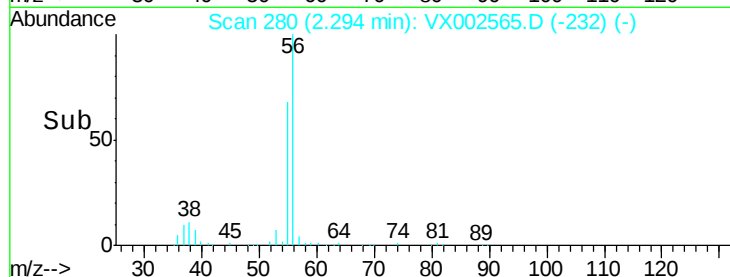
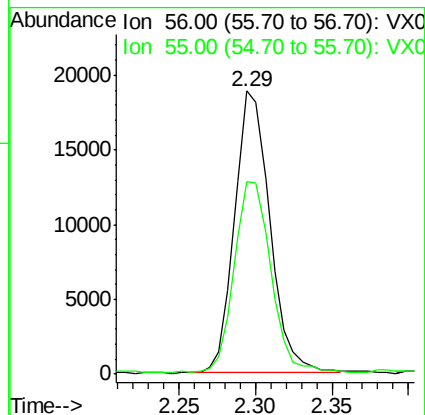
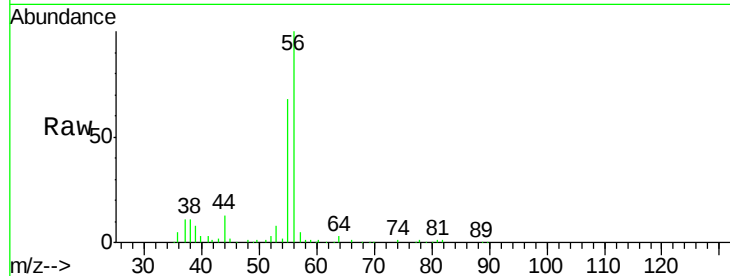
55 70.0 57.0 85.4

Manual Integrations

APPROVED

MMDadoda

6/15/2018 1:11:55 PM



#14

Allyl chloride

Concen: 54.533 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

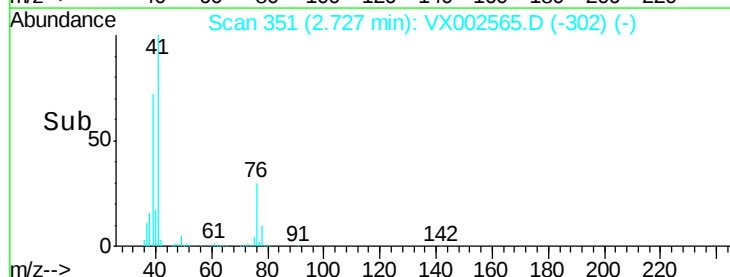
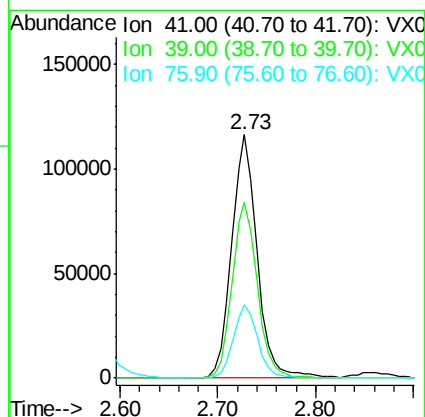
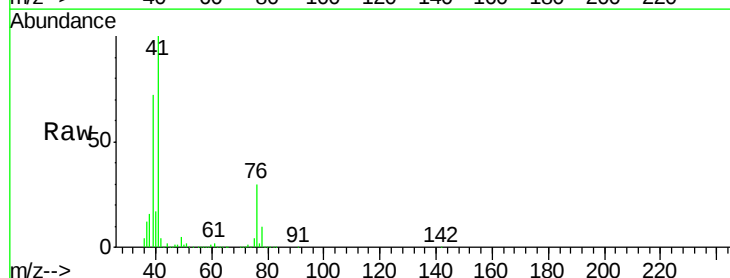
Tgt Ion: 41 Resp: 209209

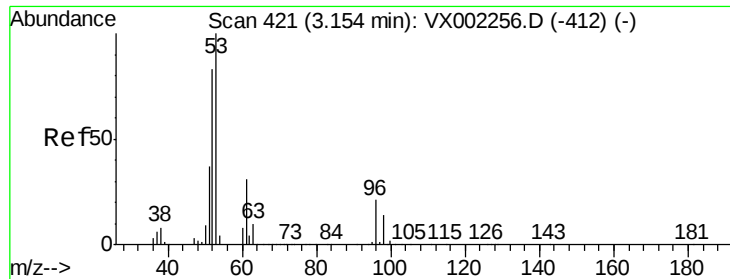
Ion Ratio Lower Upper

41 100

39 71.3 56.8 85.2

76 28.8 23.8 35.8





#15

Acrylonitrile

Concen: 376.511 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :

MSVOA_X

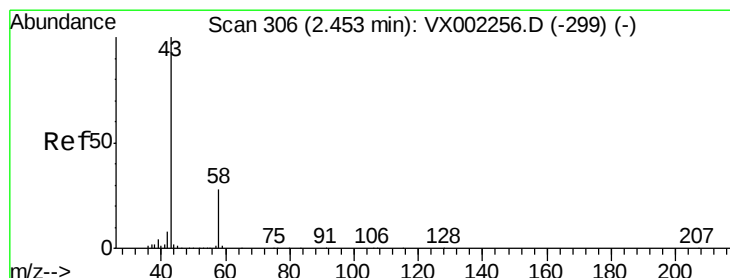
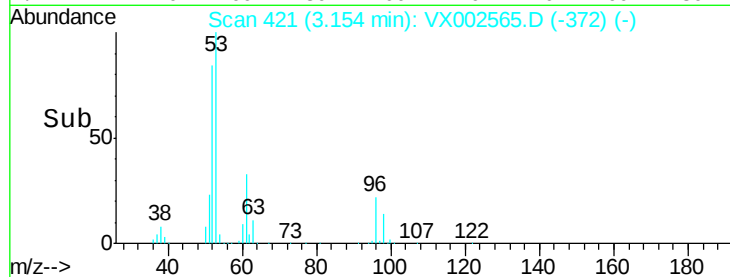
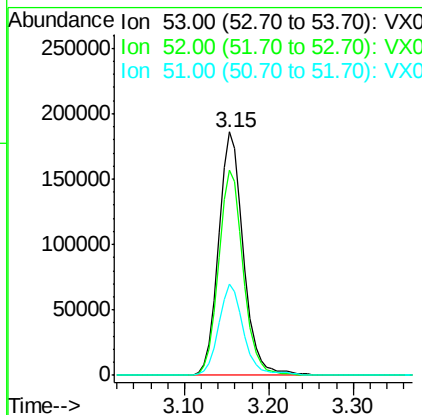
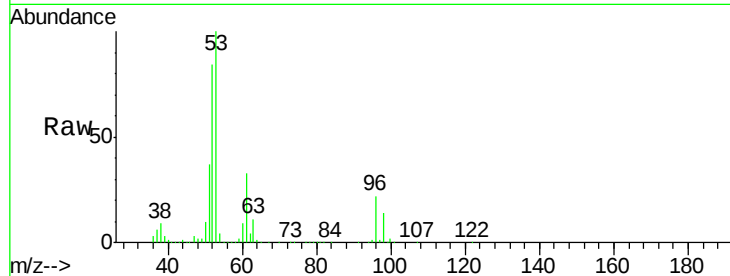
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	375563
Ion Ratio	Lower	Upper	
53	100		
52	83.8	66.7	100.1
51	37.6	29.9	44.9

Manual Integrations
APPROVED

MMDadoda
6/15/2018 1:11:55 PM



#16

Acetone

Concen: 344.095 ug/l

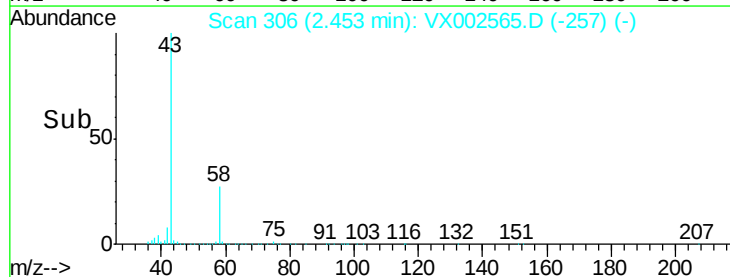
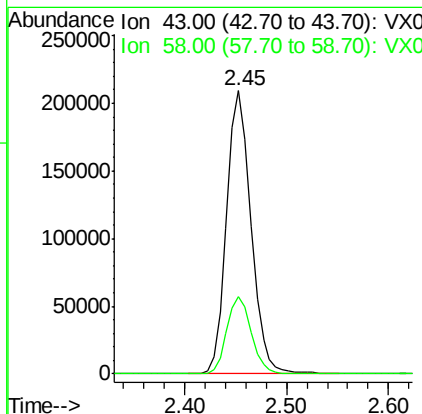
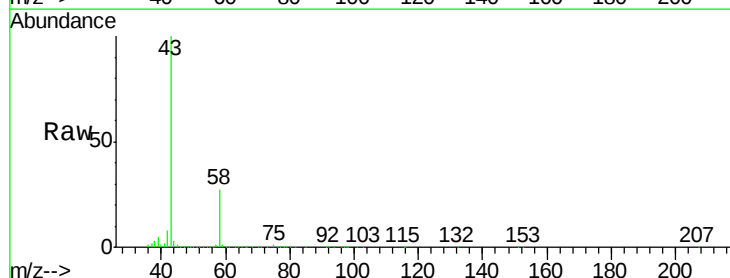
RT: 2.45 min Scan# 306

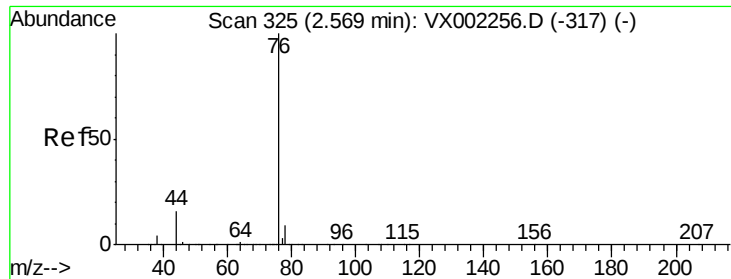
Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Tgt Ion:	43	Resp:	344046
Ion Ratio	Lower	Upper	
43	100		
58	27.3	22.1	33.1





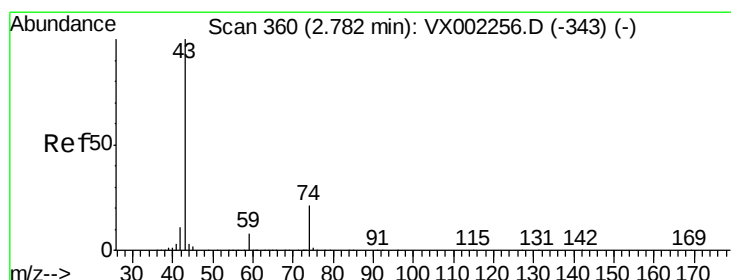
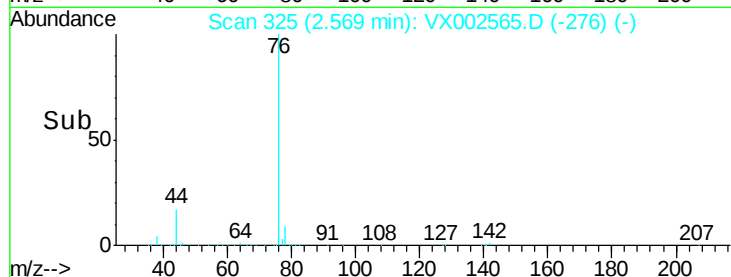
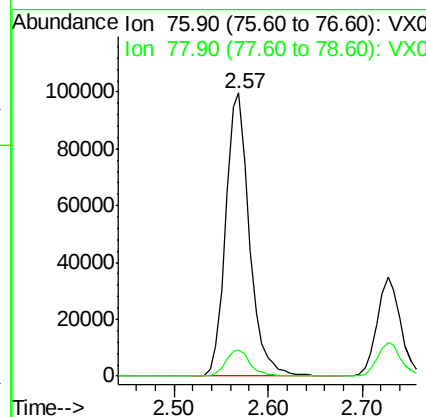
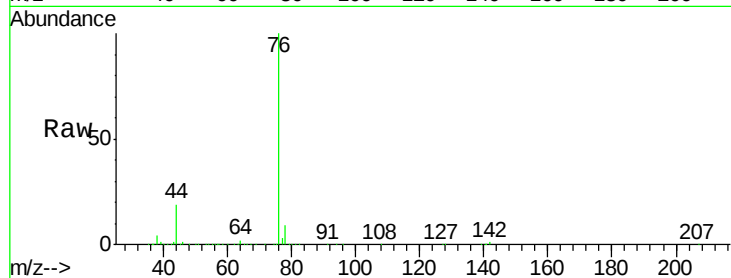
#17
Carbon Disulfide
Concen: 37.357 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	6.9	10.3

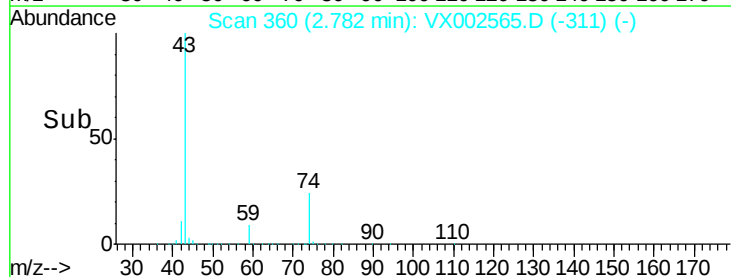
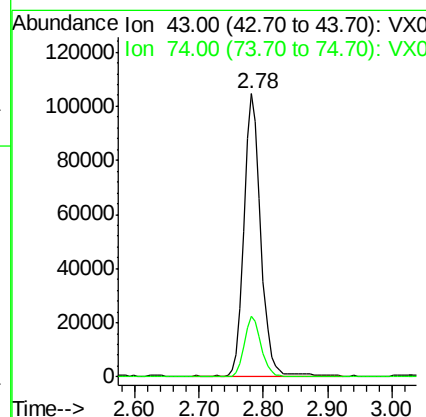
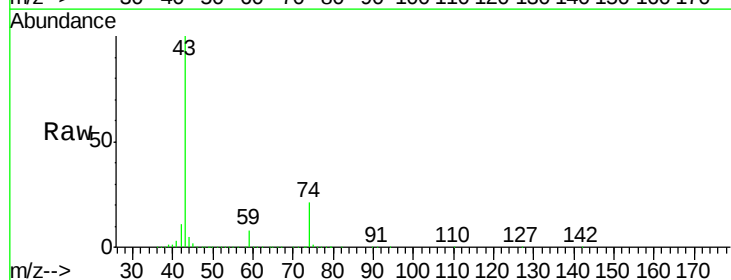
Manual Integrations
APPROVED

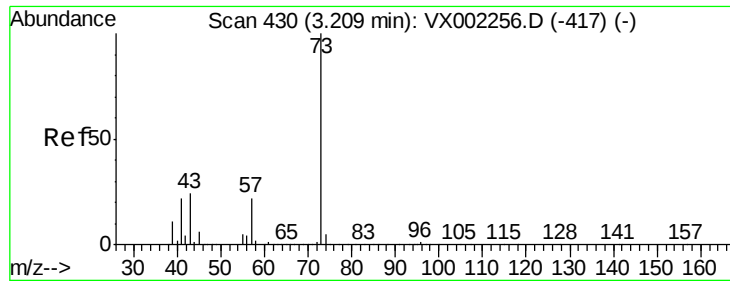
MMDadoda
6/15/2018 1:11:55 PM



#18
Methyl Acetate
Concen: 81.240 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.8	16.7	25.1





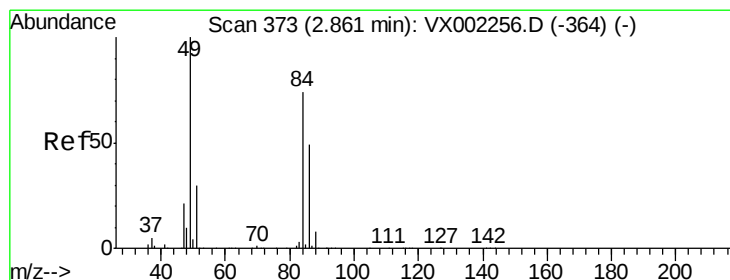
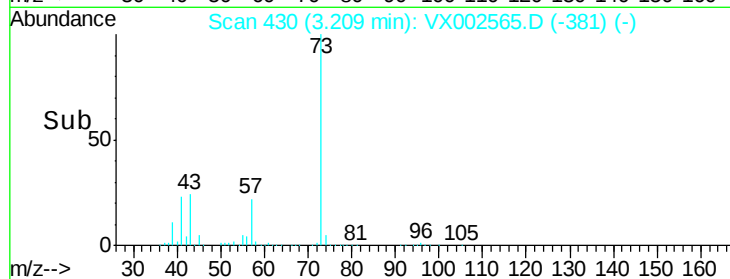
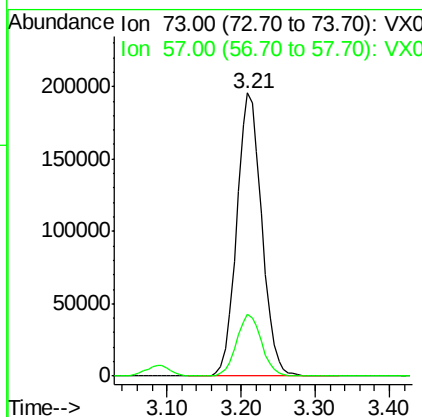
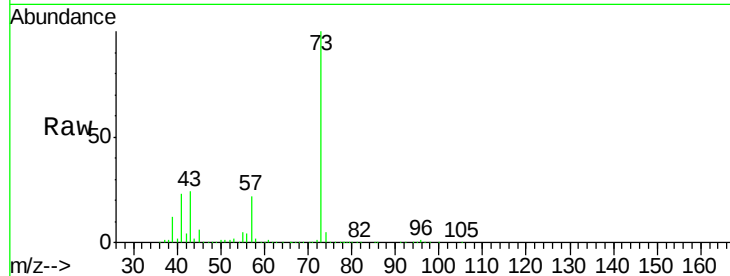
#19
Methyl tert-butyl Ether
Concen: 76.008 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.7	26.5

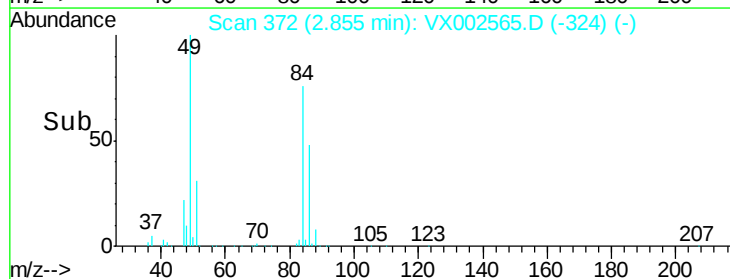
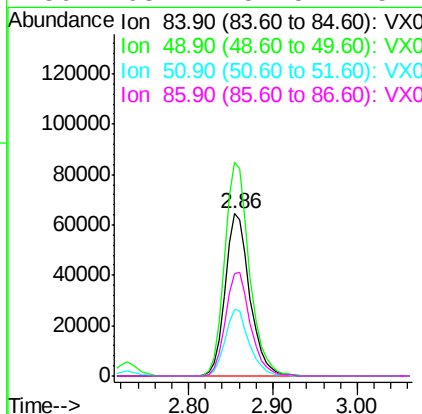
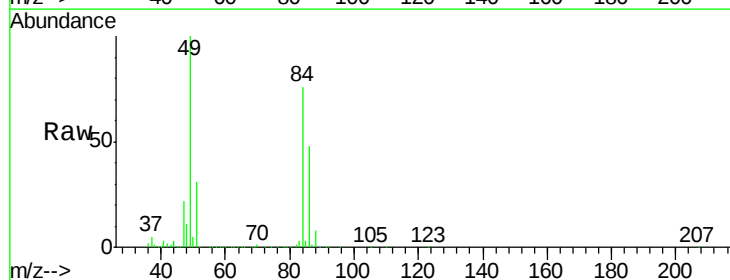
Manual Integrations
APPROVED

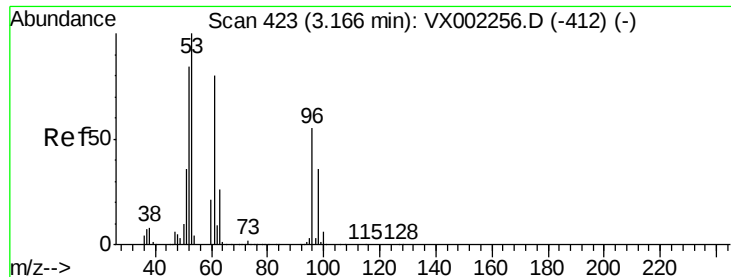
MMDadoda
6/15/2018 1:11:55 PM



#20
Methylene Chloride
Concen: 69.397 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

Tgt Ion	Ratio	Lower	Upper
84	100		
49	131.6	107.8	161.6
51	40.9	32.8	49.2
86	63.2	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 53.487 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :

MSVOA_X

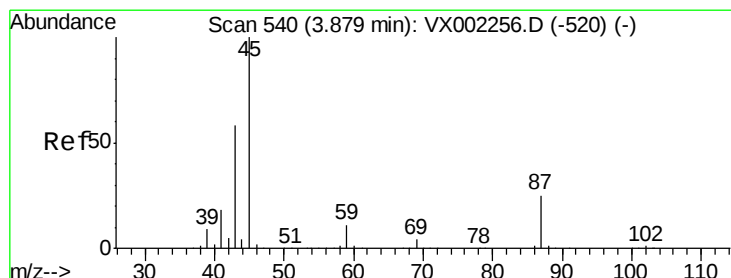
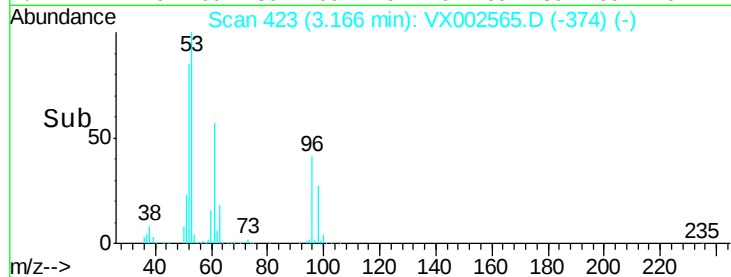
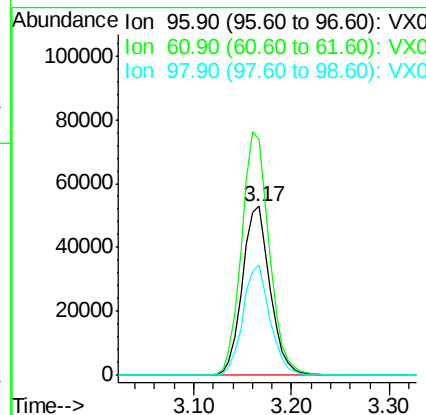
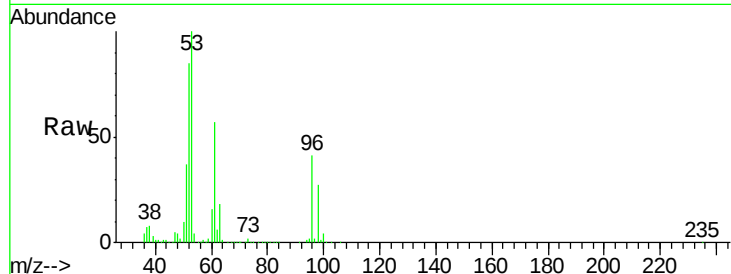
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	104271
Ion	Ratio	Lower	Upper
96	100		
61	139.8	117.0	175.4
98	65.8	52.4	78.6

Manual Integrations
APPROVED

MMDadoda
6/15/2018 1:11:55 PM



#22

Diisopropyl ether

Concen: 66.363 ug/l

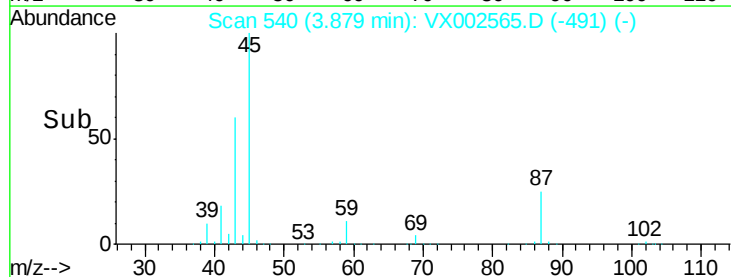
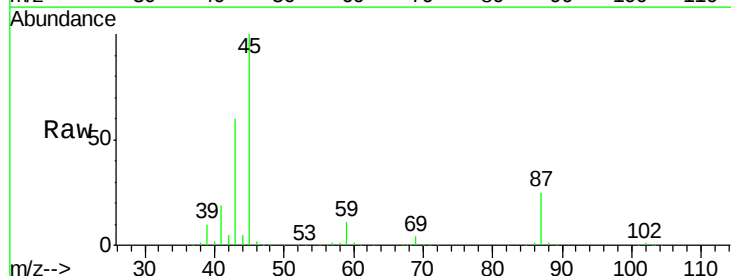
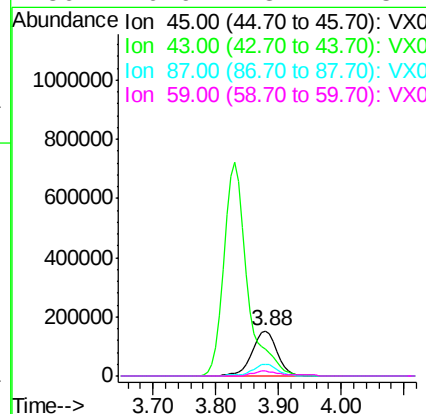
RT: 3.88 min Scan# 540

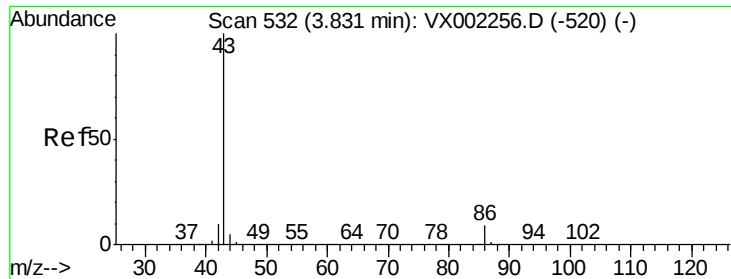
Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Tgt Ion:	45	Resp:	422215
Ion	Ratio	Lower	Upper
45	100		
43	60.4	46.8	70.2
87	25.1	20.2	30.4
59	10.9	8.7	13.1





#23

Vinyl Acetate

Concen: 300.250 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1867310

Ion Ratio Lower Upper

43 100

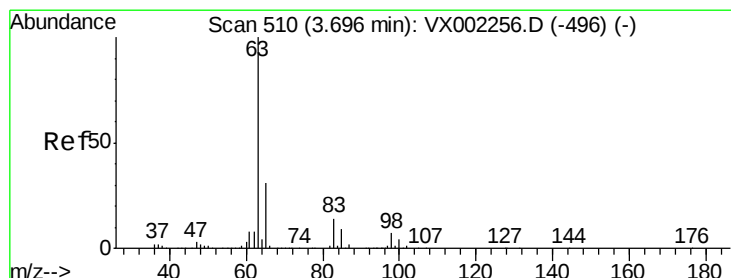
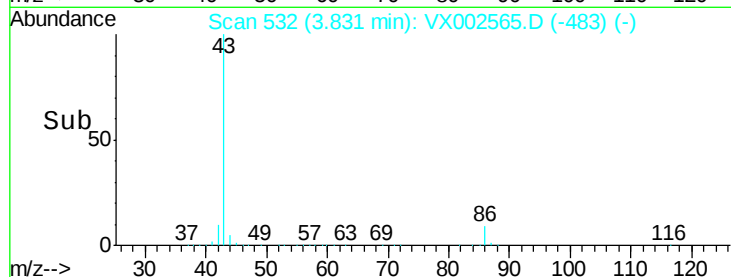
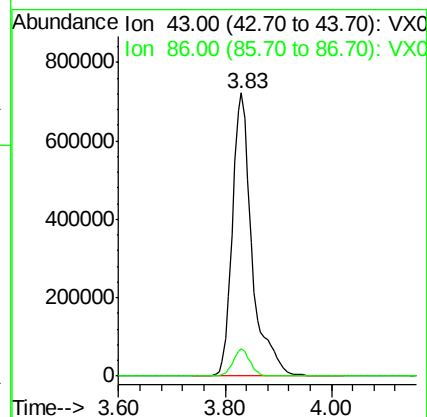
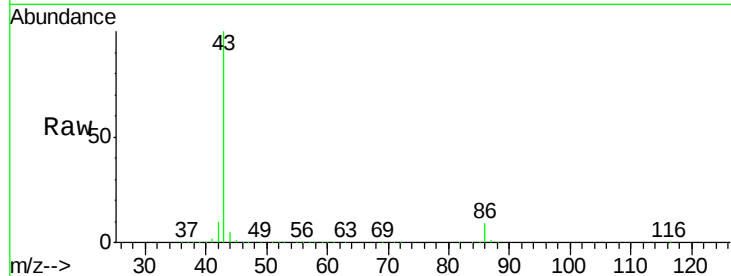
86 9.5 7.4 11.0

Manual Integrations

APPROVED

MMDadoda

6/15/2018 1:11:55 PM



#24

1,1-Dichloroethane

Concen: 55.259 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

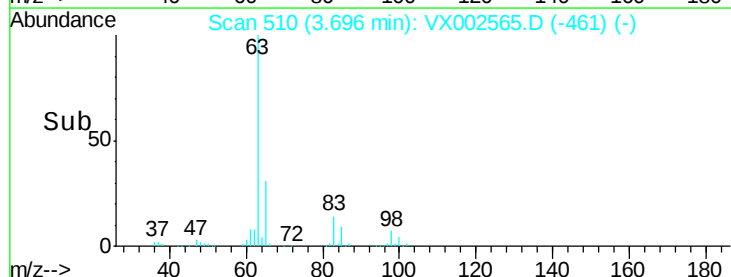
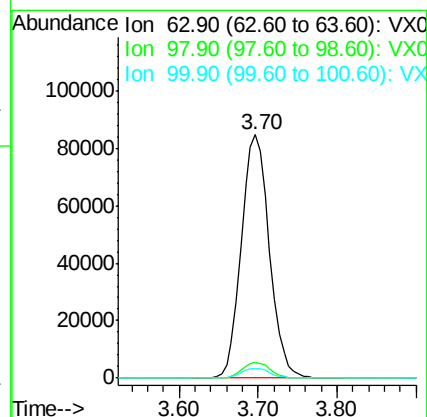
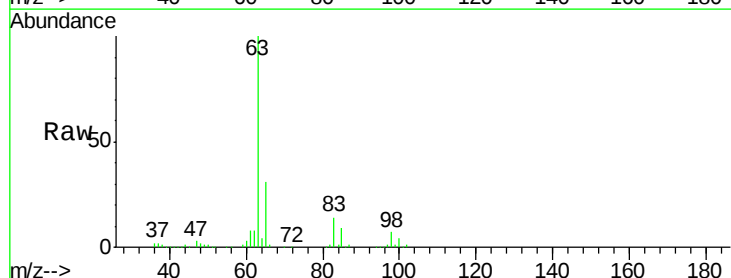
Tgt Ion: 63 Resp: 209528

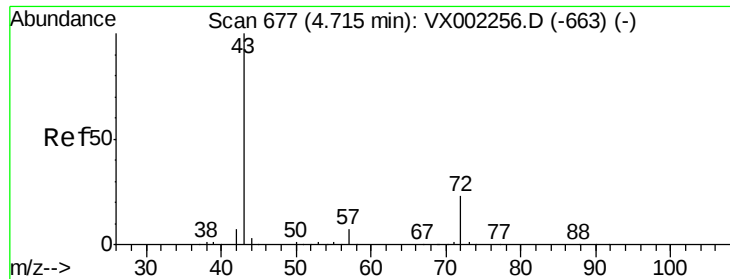
Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

100 3.6 2.0 6.0





#25

2-Butanone

Concen: 303.131 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 493553

Ion Ratio Lower Upper

43 100

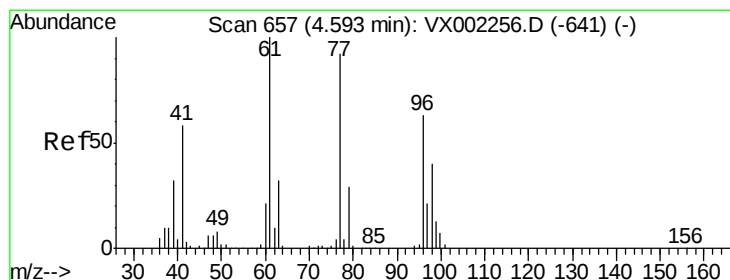
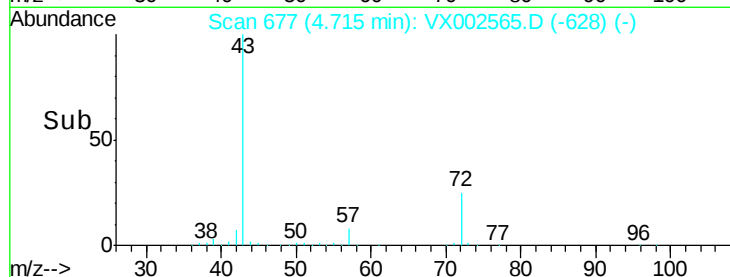
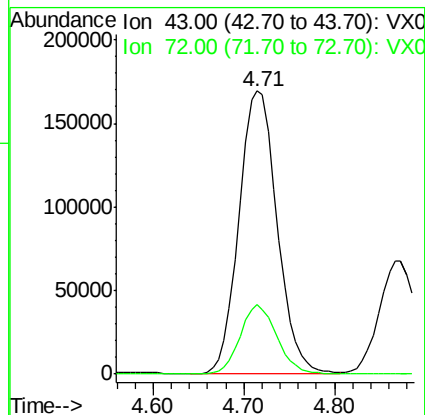
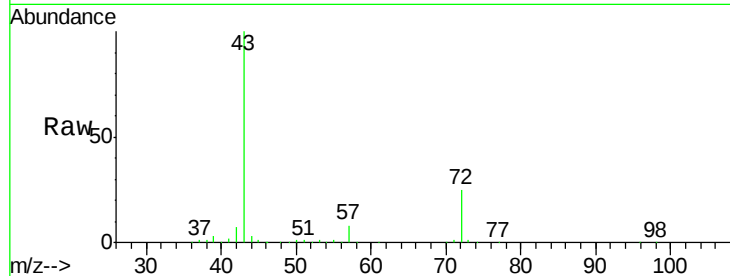
72 24.6 18.5 27.7

Manual Integrations

APPROVED

MMDadoda

6/15/2018 1:11:55 PM



#26

2,2-Dichloropropane

Concen: 41.679 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002565.D

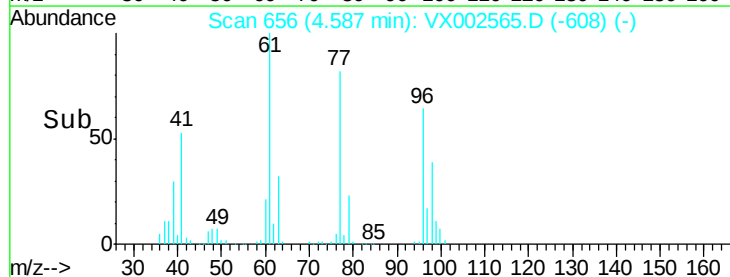
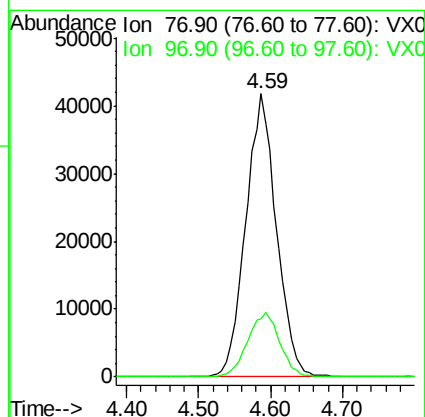
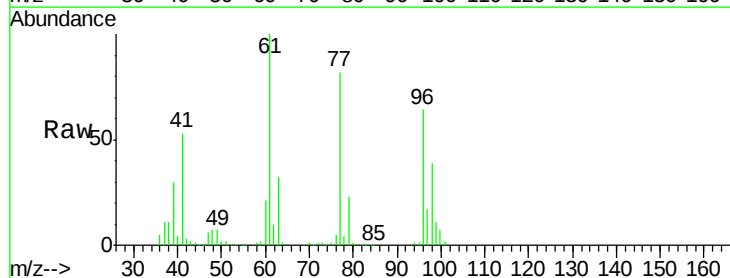
Acq: 14 Jun 2018 21:12

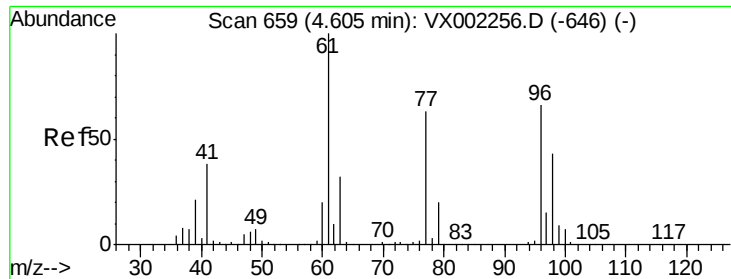
Tgt Ion: 77 Resp: 123534

Ion Ratio Lower Upper

77 100

97 23.8 11.2 33.5





#27

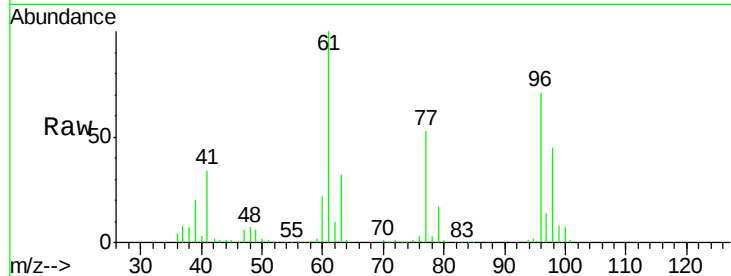
cis-1,2-Dichloroethene
Concen: 58.344 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	123694		
61	153.1	0.0	330.2	
98	64.2	0.0	130.2	

Manual Integrations
APPROVED

MMDadoda
6/15/2018 1:11:55 PM

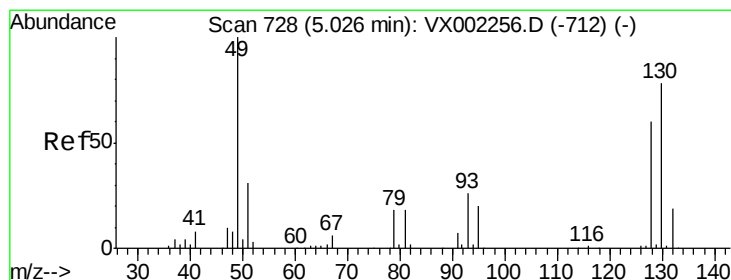
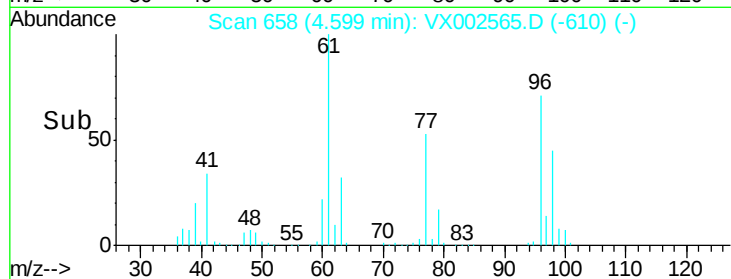
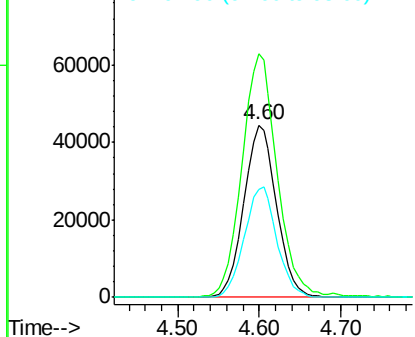


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

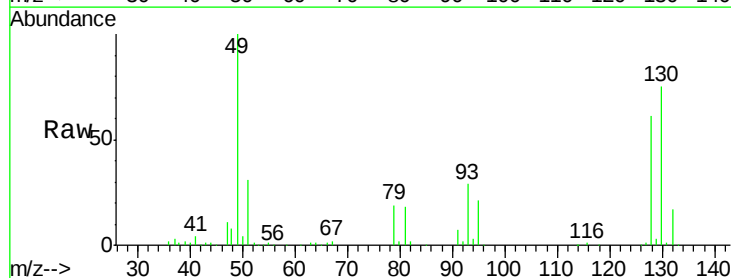
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 69.522 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	109871		
129	2.3	0.0	4.2	
130	78.2	61.2	91.8	

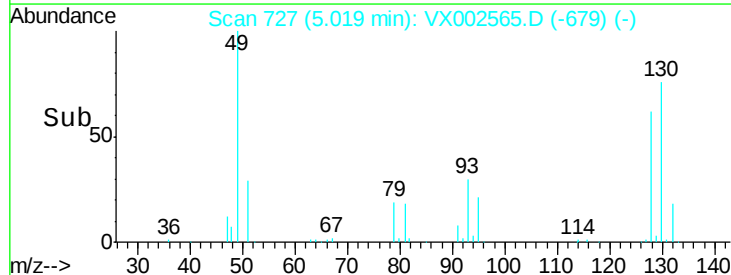
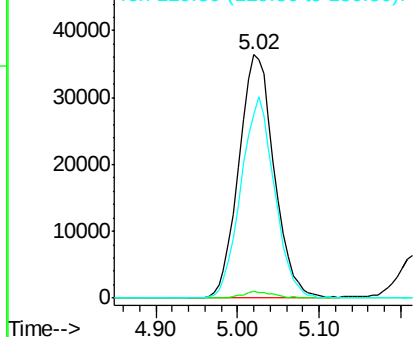


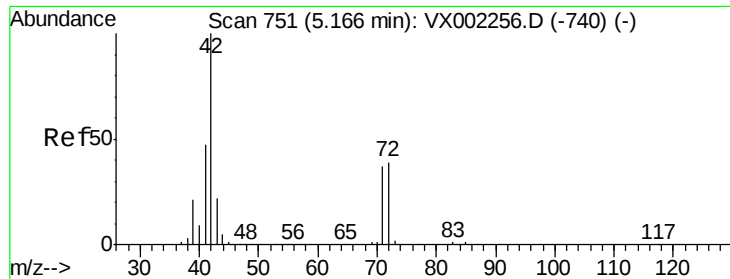
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





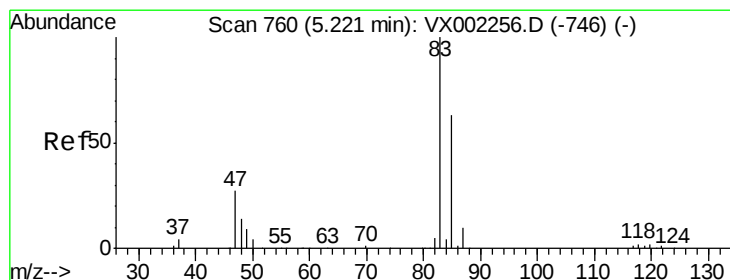
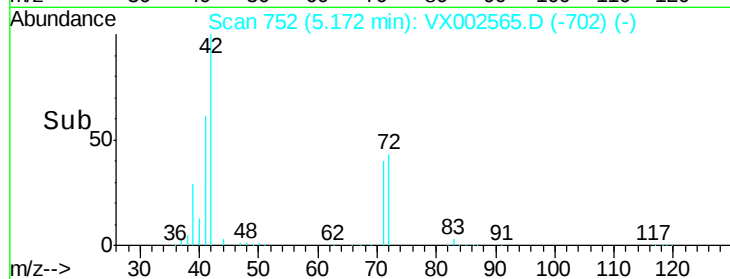
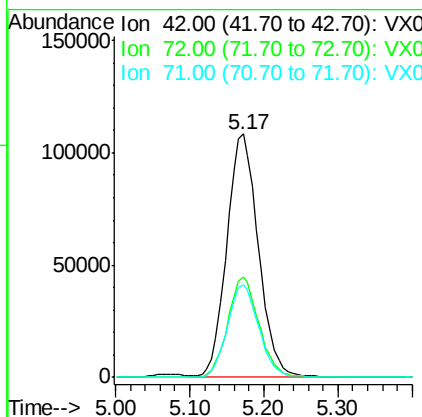
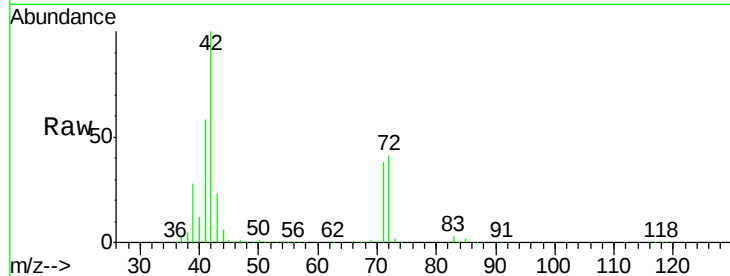
#29
Tetrahydrofuran
Concen: 304.123 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.2	32.0	48.0
71	38.3	30.1	45.1

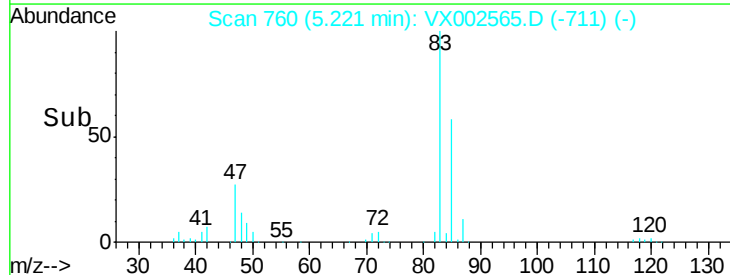
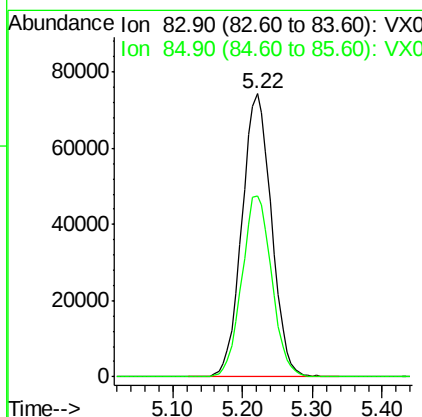
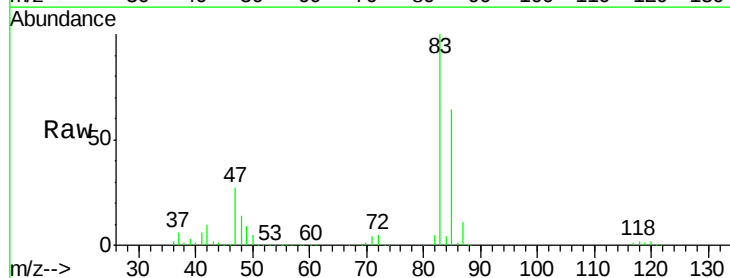
Manual Integrations
APPROVED

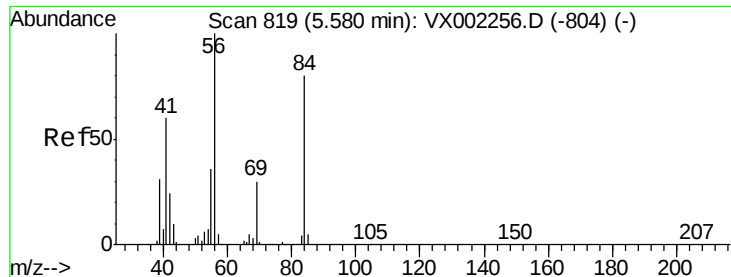
MMDadoda
6/15/2018 1:11:55 PM



#30
Chloroform
Concen: 59.580 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.4	75.6





#31

Cyclohexane

Concen: 32.135 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :

MSVOA_X

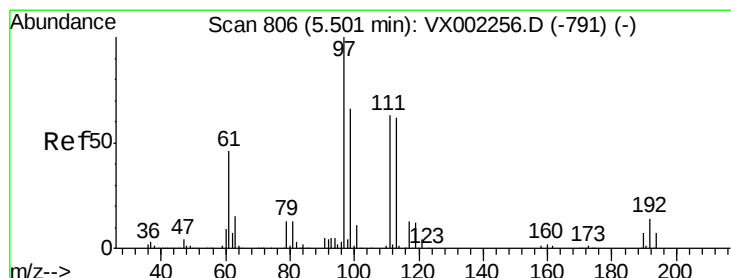
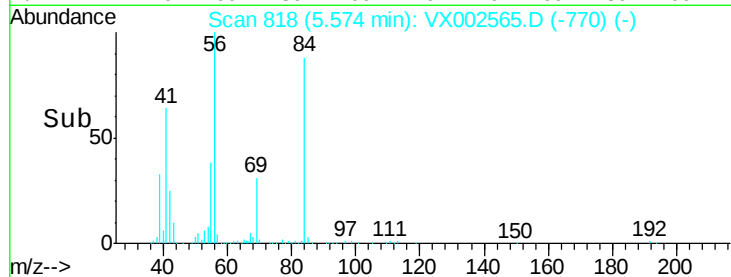
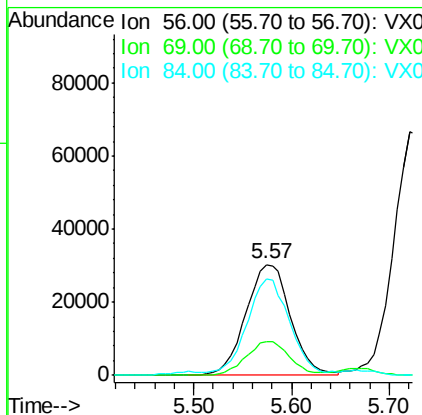
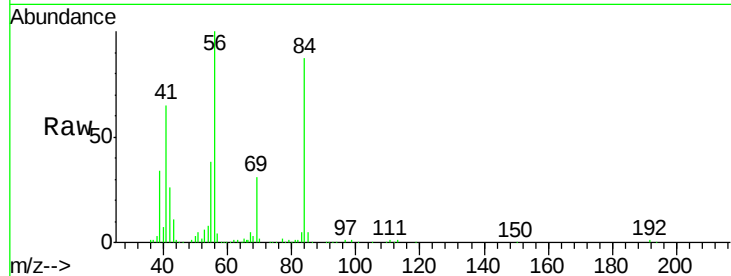
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	96351
Ion Ratio	Lower	Upper	
56	100		
69	30.5	23.7	35.5
84	84.8	64.1	96.1

Manual Integrations
APPROVED

MMDadoda
6/15/2018 1:11:55 PM



#32

1,1,1-Trichloroethane

Concen: 51.383 ug/l

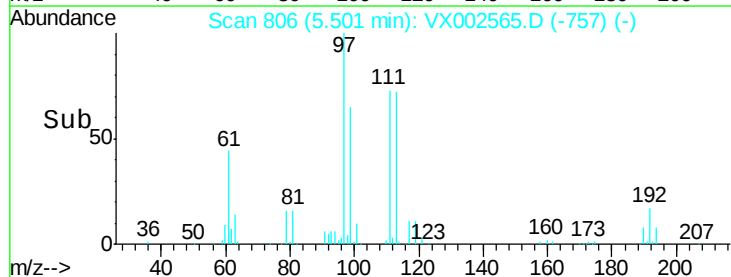
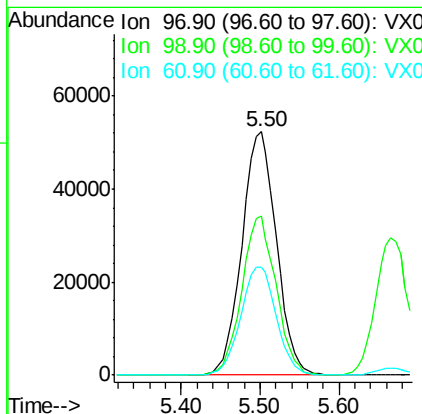
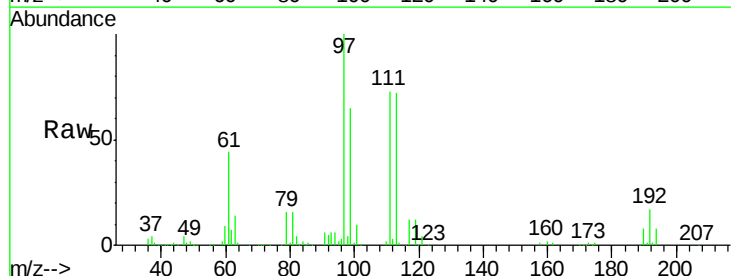
RT: 5.50 min Scan# 806

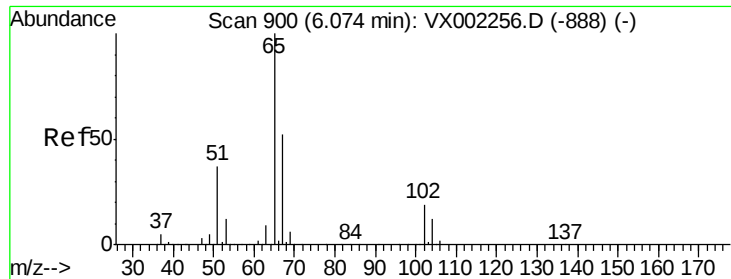
Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Tgt Ion:	97	Resp:	159439
Ion Ratio	Lower	Upper	
97	100		
99	64.5	51.6	77.4
61	45.7	36.4	54.6





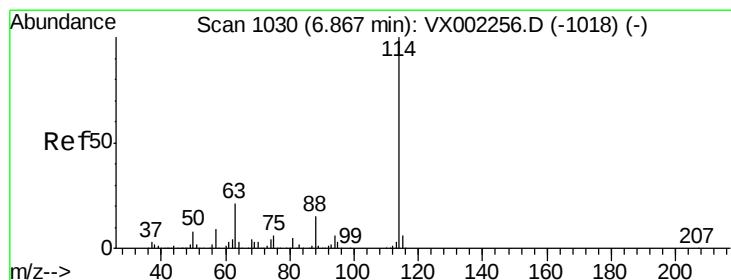
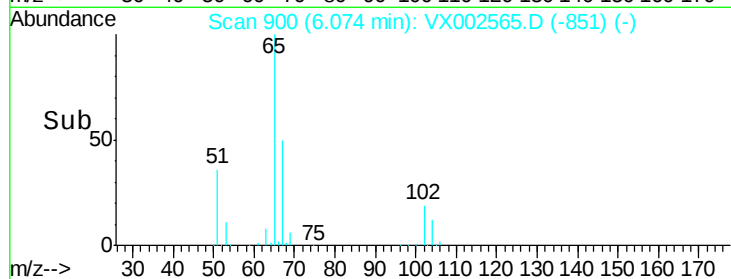
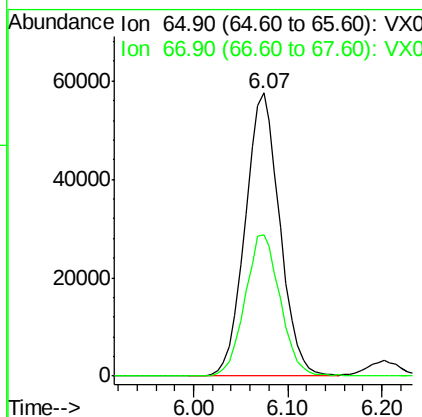
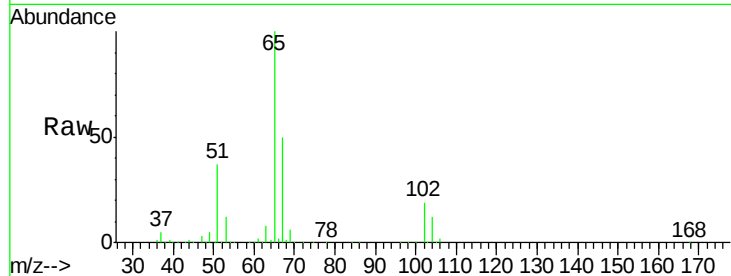
#33
 1,2-Dichloroethane-d4
 Concen: 63.273 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002565.D
 Acq: 14 Jun 2018 21:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	102.6

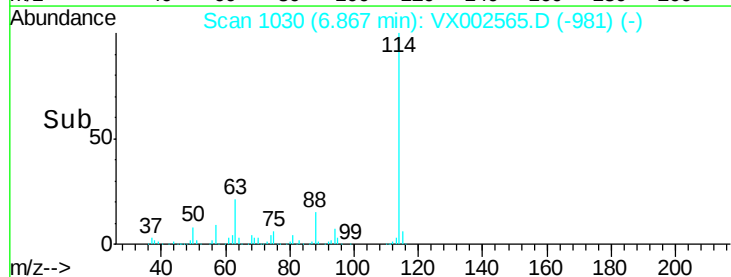
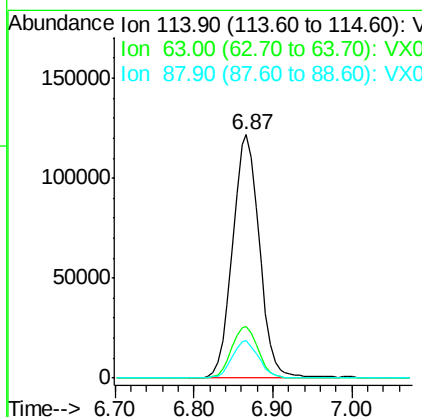
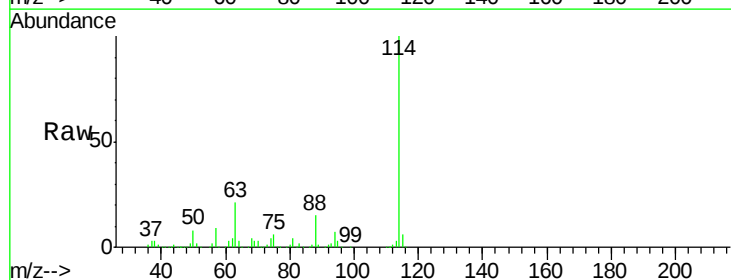
Manual Integrations
 APPROVED

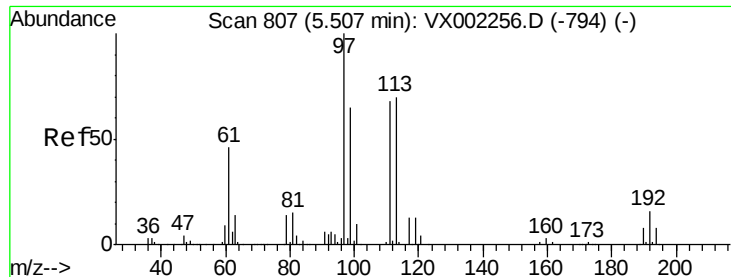
MMDadoda
 6/15/2018 1:11:55 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002565.D
 Acq: 14 Jun 2018 21:12

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	41.4
88	15.4	0.0	30.0





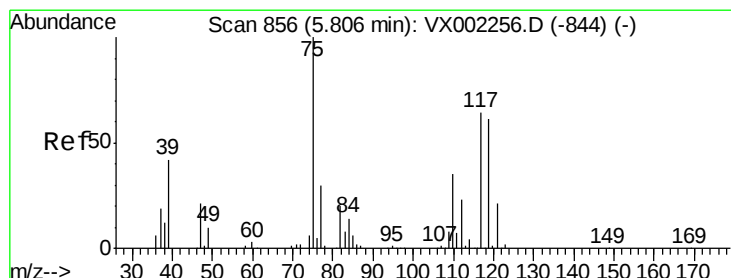
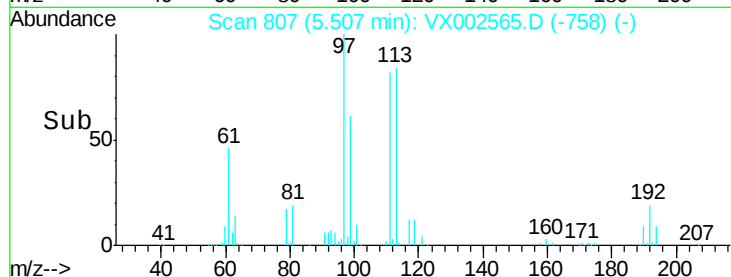
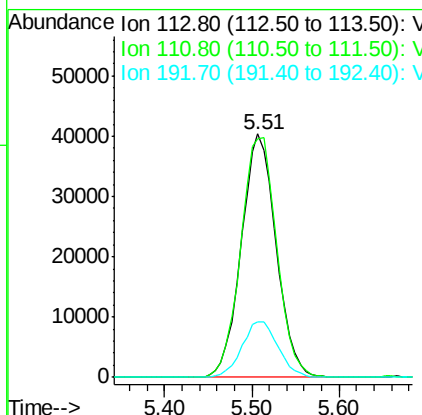
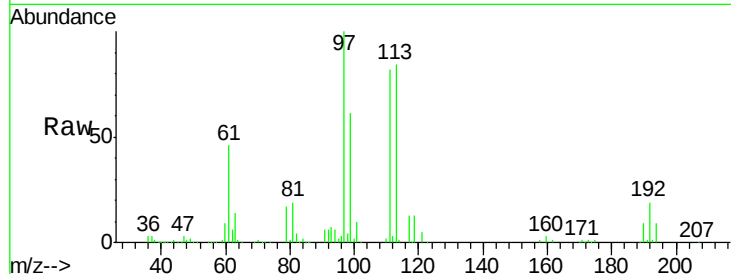
#35
 Dibromofluoromethane
 Concen: 49.209 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX002565.D
 Acq: 14 Jun 2018 21:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	111946		
111	101.8	81.4	122.0	
192	23.8	19.1	28.7	

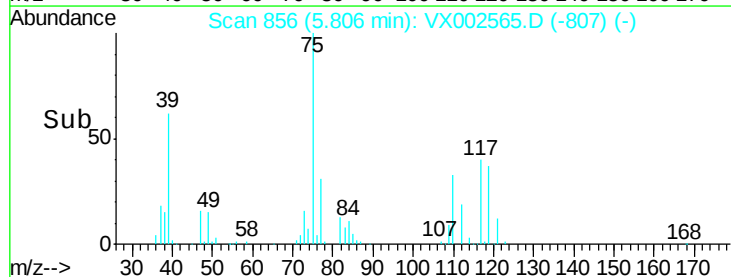
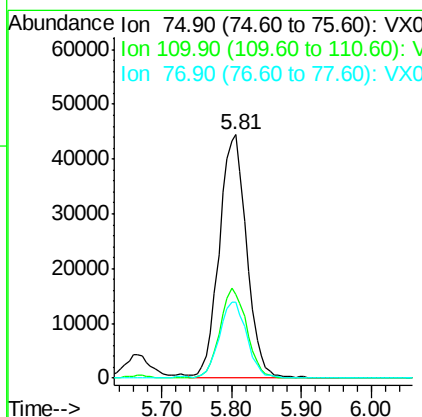
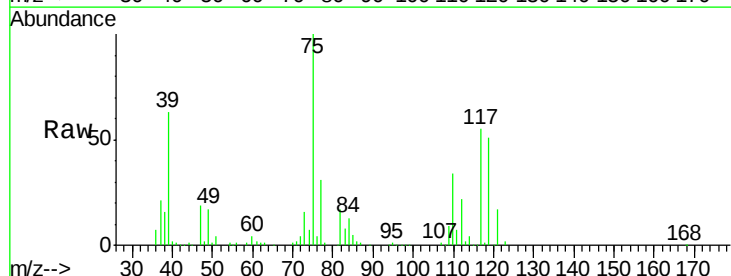
Manual Integrations
 APPROVED

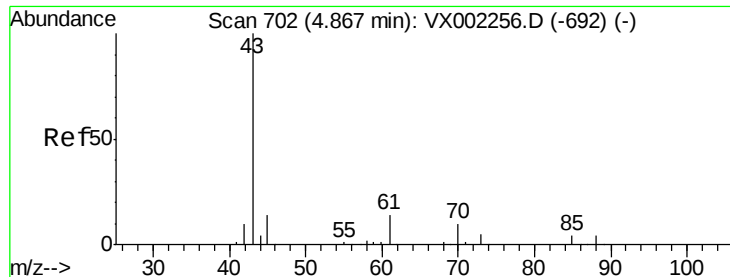
MMDadoda
 6/15/2018 1:11:55 PM



#36
 1,1-Dichloropropene
 Concen: 39.532 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX002565.D
 Acq: 14 Jun 2018 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	120223		
110	36.4	18.1	54.4	
77	31.6	24.3	36.5	





#37

Ethyl Acetate

Concen: 54.383 ug/l

RT: 4.87 min Scan# 702

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :

MSVOA_X

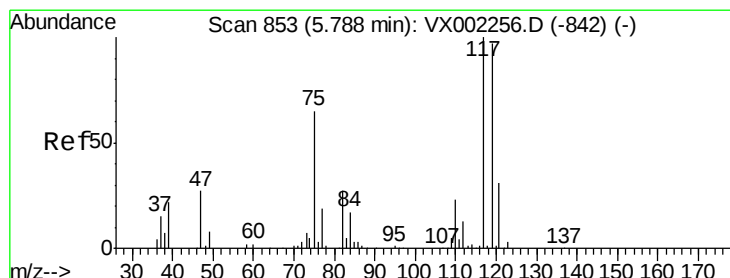
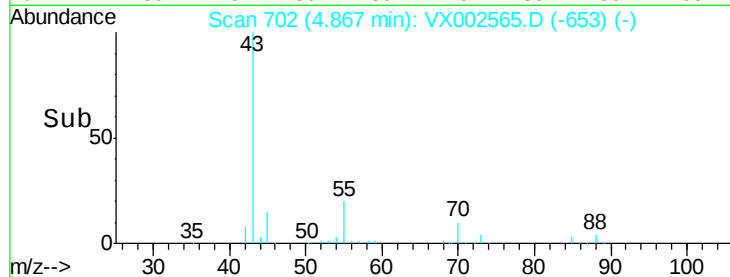
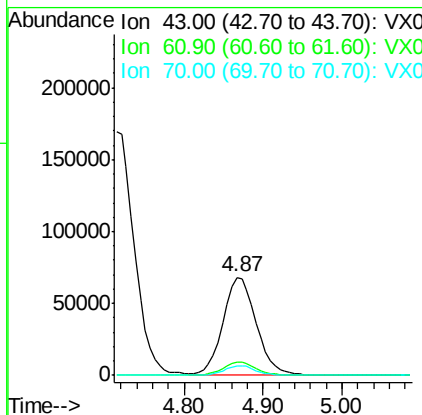
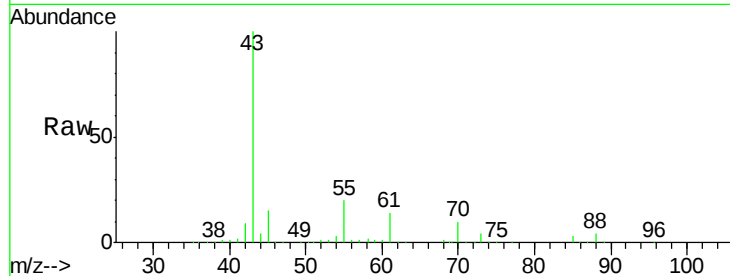
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	198896
Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.4	15.6
70	9.6	7.6	11.4

Manual Integrations
APPROVED

MMDadoda
6/15/2018 1:11:55 PM



#38

Carbon Tetrachloride

Concen: 38.711 ug/l

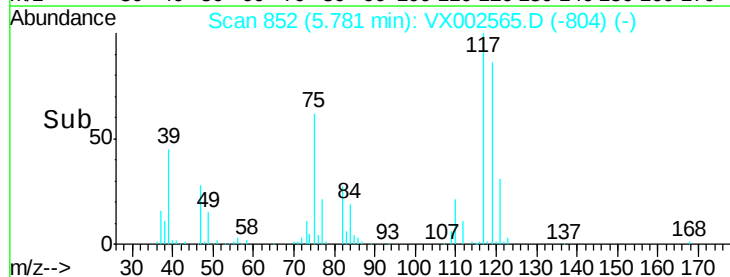
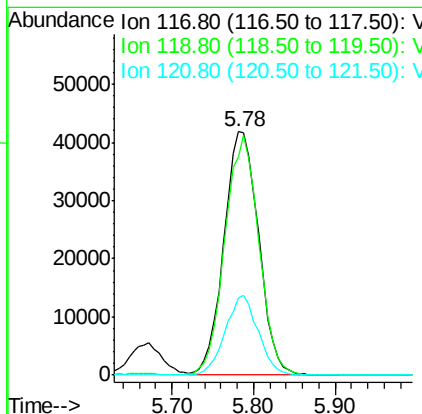
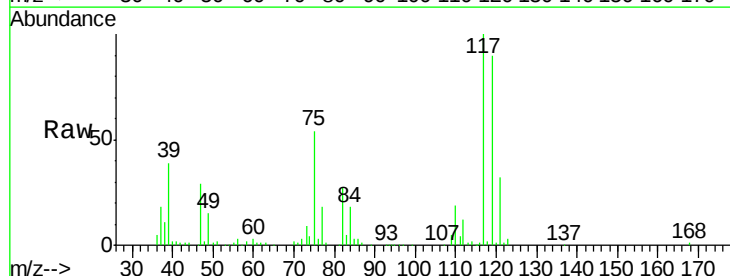
RT: 5.78 min Scan# 852

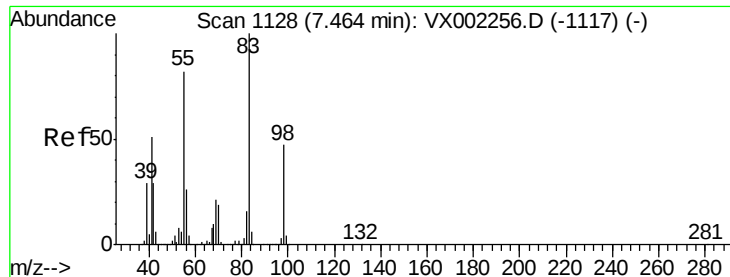
Delta R.T. -0.01 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Tgt Ion:	117	Resp:	123160
Ion	Ratio	Lower	Upper
117	100		
119	89.5	77.4	116.0
121	31.6	24.4	36.6





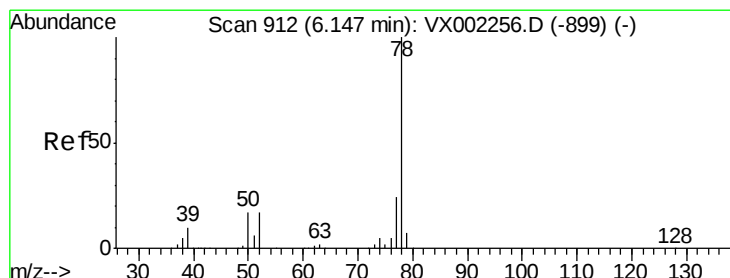
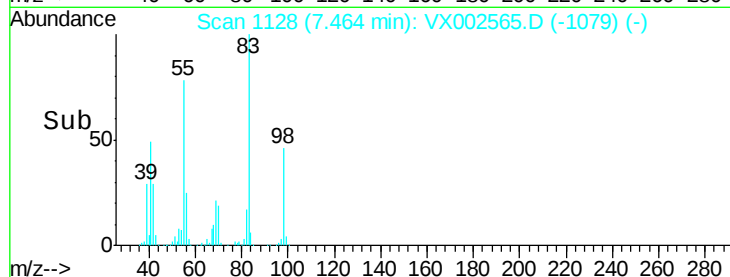
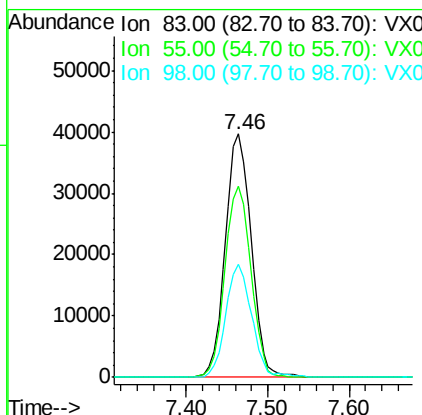
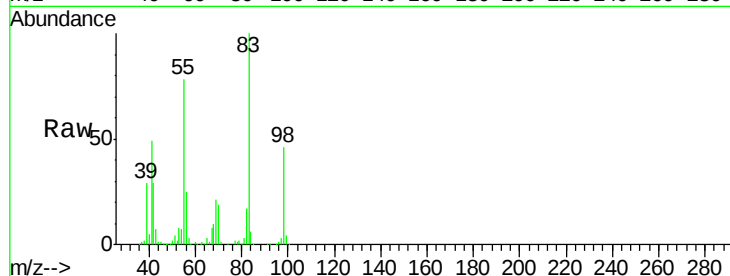
#39
Methvlcvclohexane
Concen: 23.380 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.1	65.4	98.0
98	46.4	37.4	56.0

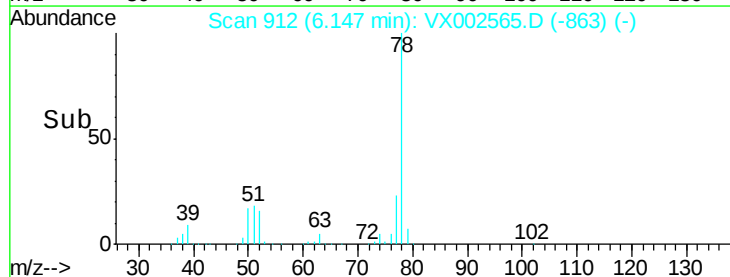
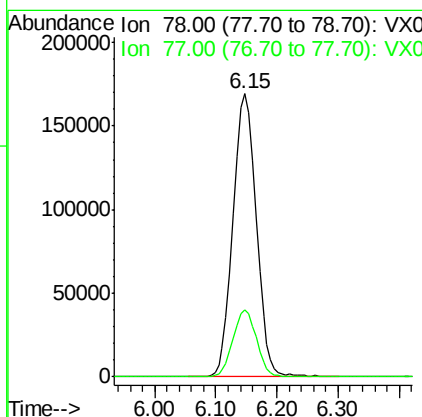
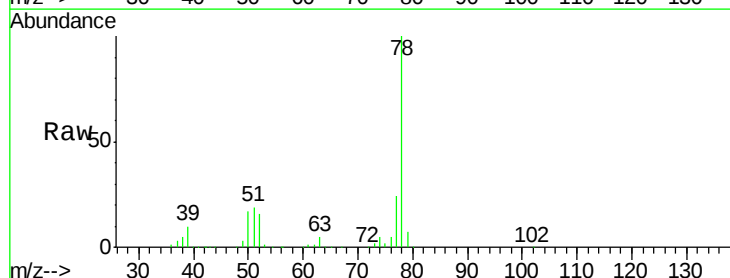
Manual Integrations
APPROVED

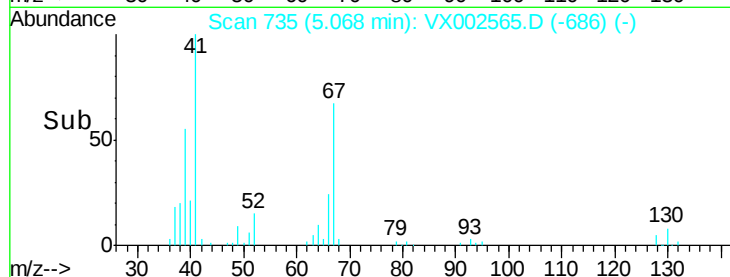
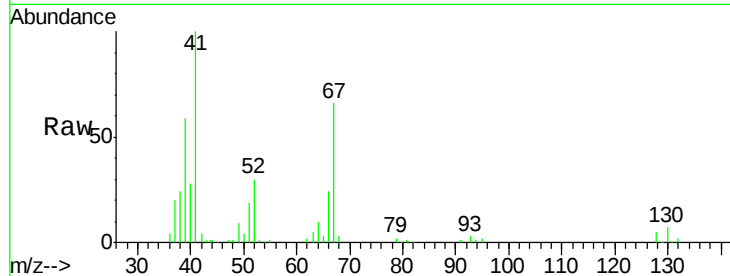
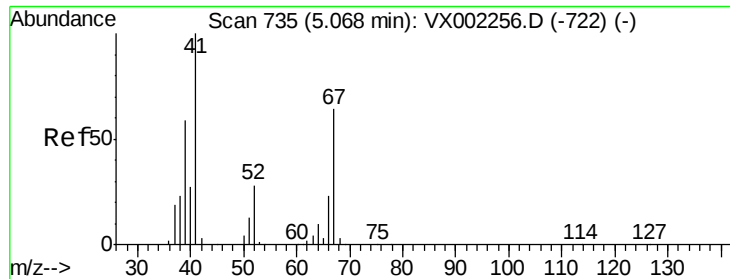
MMDadoda
6/15/2018 1:11:55 PM



#40
Benzene
Concen: 47.767 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

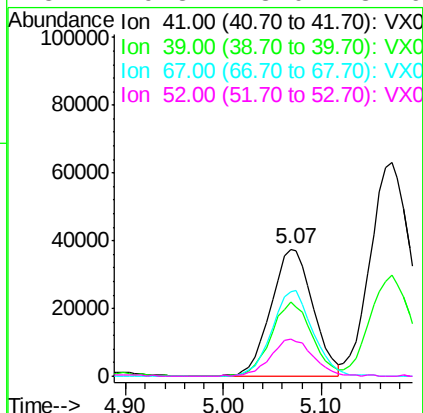
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.1	28.7





#41
Methacrylonitrile
Concen: 53.449 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

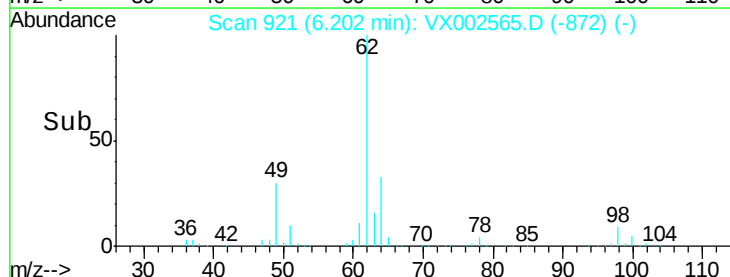
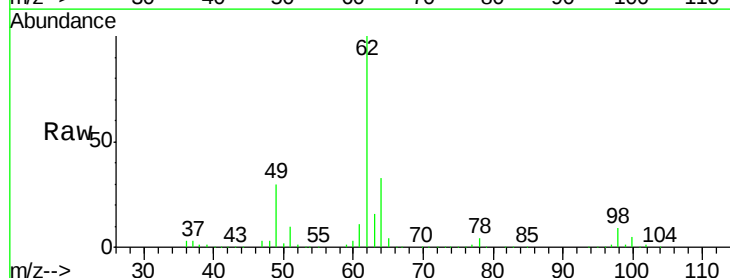
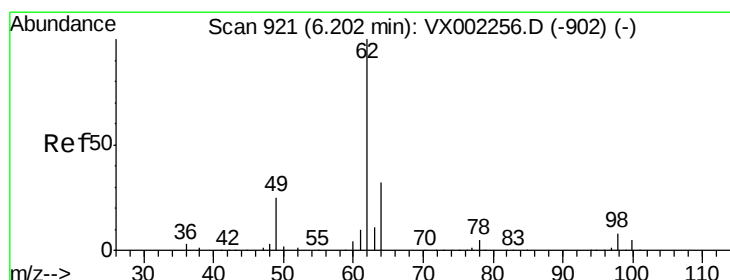
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		111903		
39	57.3	45.8	68.6		
67	66.4	51.3	76.9		
52	29.3	23.0	34.6		



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

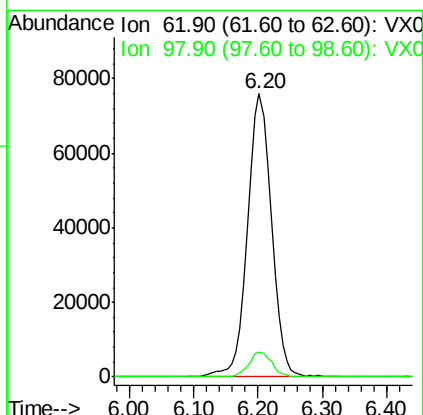
Manual Integrations
APPROVED

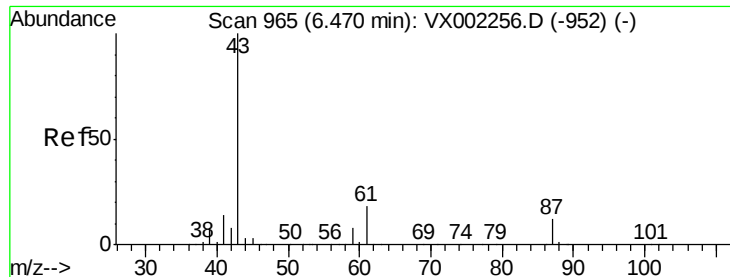
MMDadoda
6/15/2018 1:11:55 PM



#42
1,2-Dichloroethane
Concen: 52.208 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		193418		
98	8.5	0.0	16.6		





#43

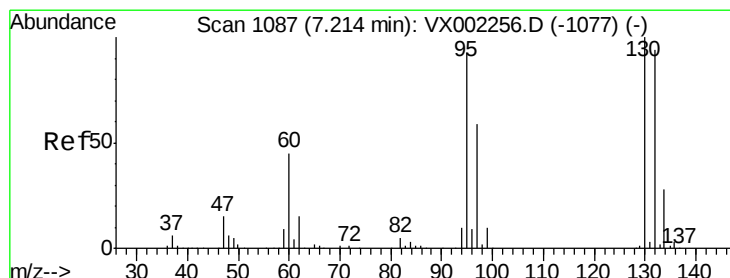
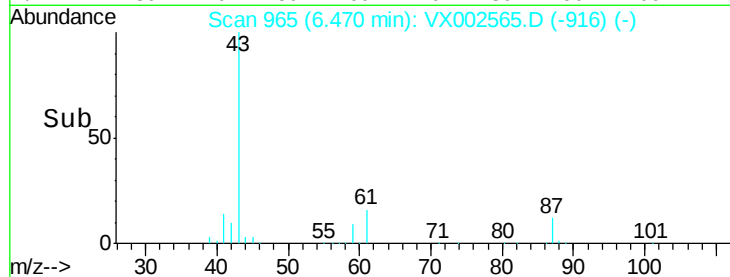
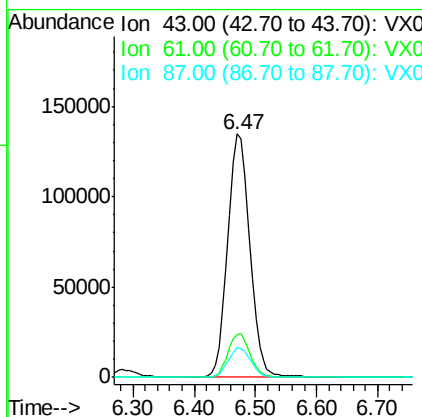
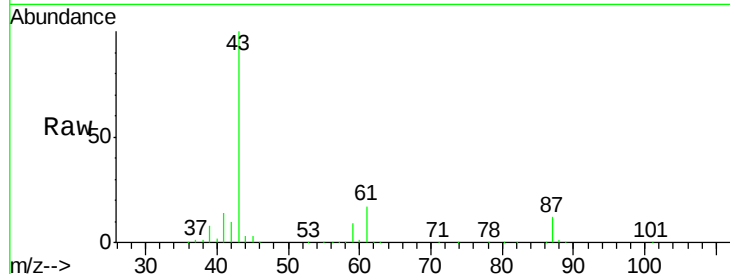
Isopropyl Acetate
 Concen: 53.901 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX002565.D
 Acq: 14 Jun 2018 21:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	43	Resp:	334833
Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.4	21.6
87	12.3	9.5	14.3

Manual Integrations
 APPROVED

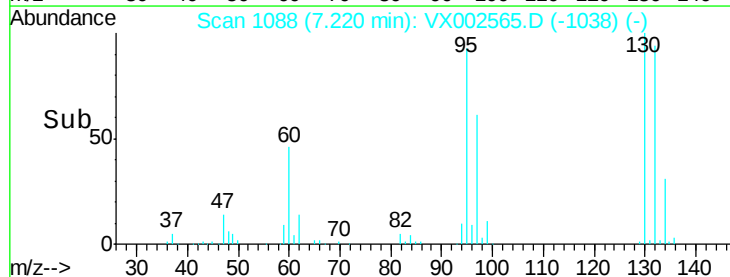
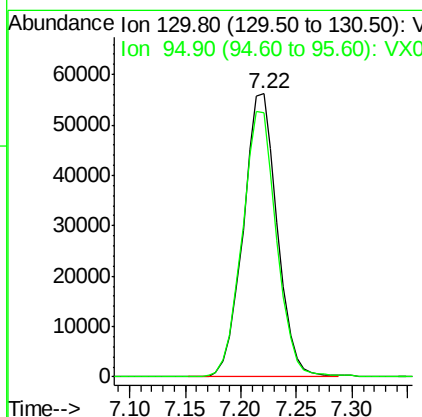
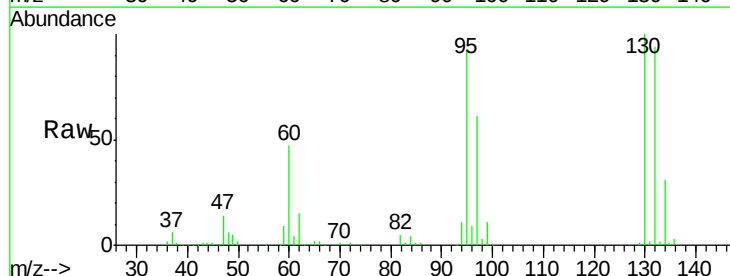
MMDadoda
 6/15/2018 1:11:55 PM

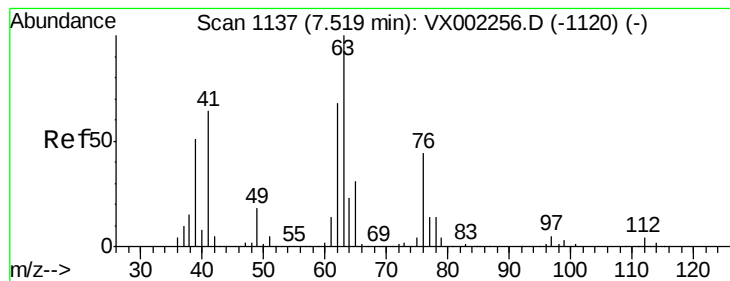


#44

Trichloroethene
 Concen: 46.058 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX002565.D
 Acq: 14 Jun 2018 21:12

Tgt Ion:	130	Resp:	119197
Ion	Ratio	Lower	Upper
130	100		
95	93.2	0.0	185.4





#45

1,2-Dichloropropane

Concen: 50.483 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 127083

Ion Ratio Lower Upper

63 100

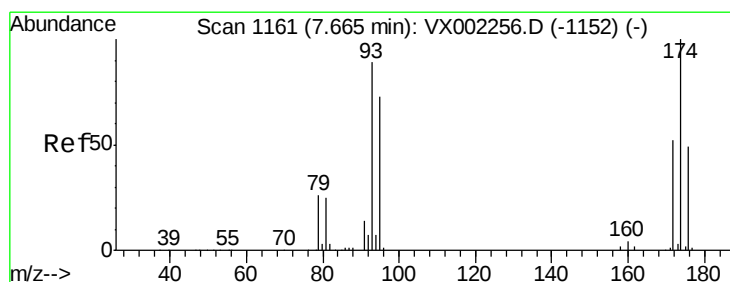
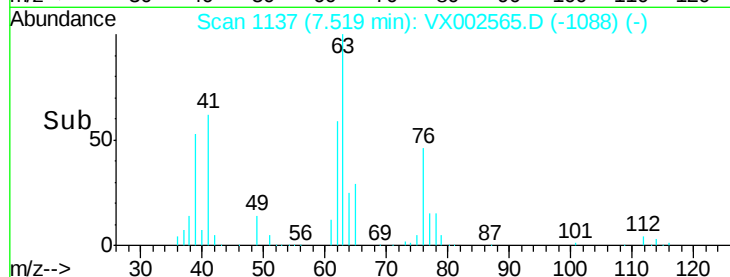
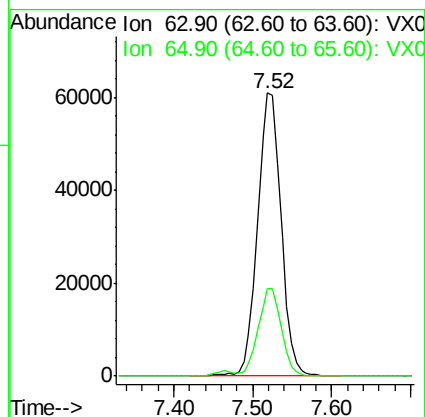
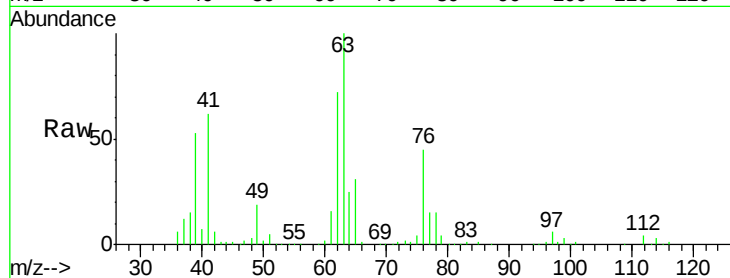
65 30.8 24.7 37.1

Manual Integrations

APPROVED

MMDadoda

6/15/2018 1:11:55 PM



#46

Dibromomethane

Concen: 52.695 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

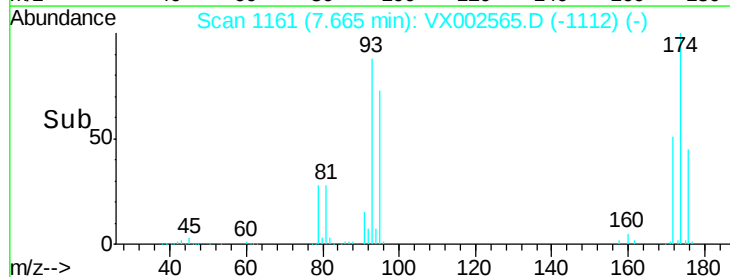
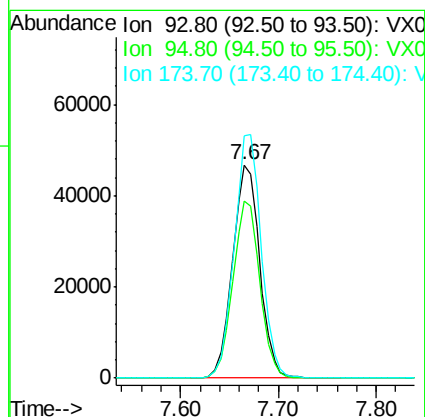
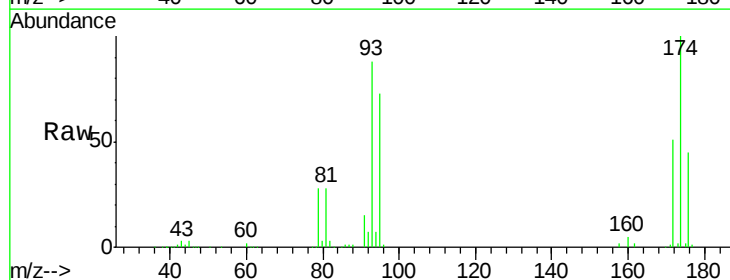
Tgt Ion: 93 Resp: 89925

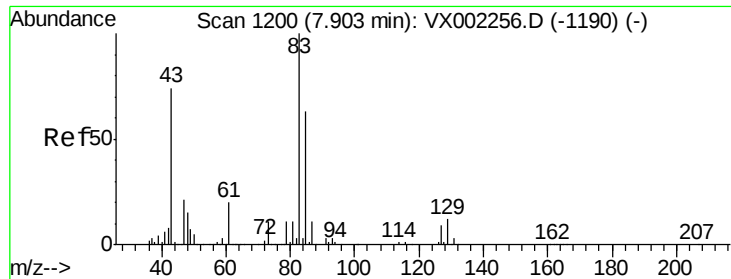
Ion Ratio Lower Upper

93 100

95 82.8 65.9 98.9

174 114.2 92.4 138.6





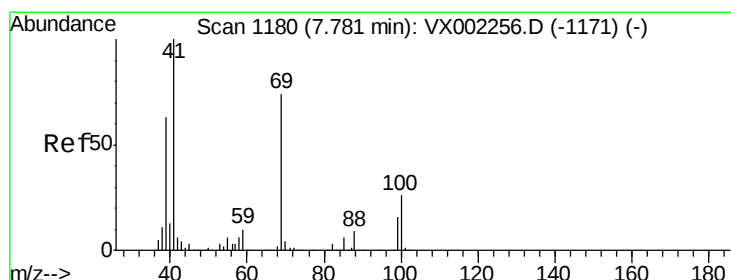
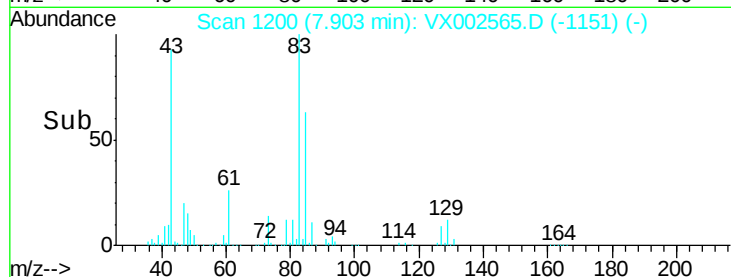
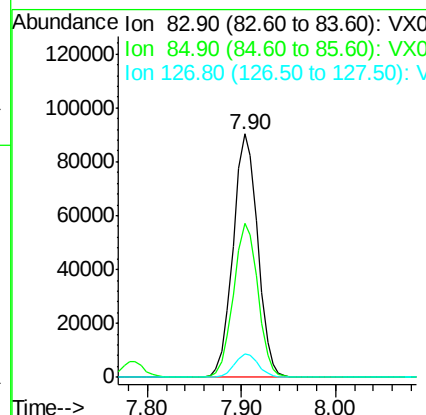
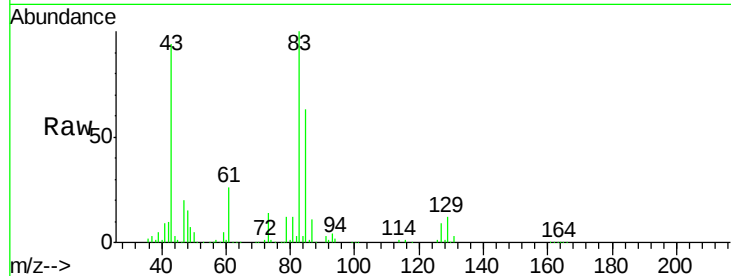
#47
Bromodichloromethane
Concen: 53.110 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. 0.00 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.2	50.3	75.5
127	9.5	7.0	10.4

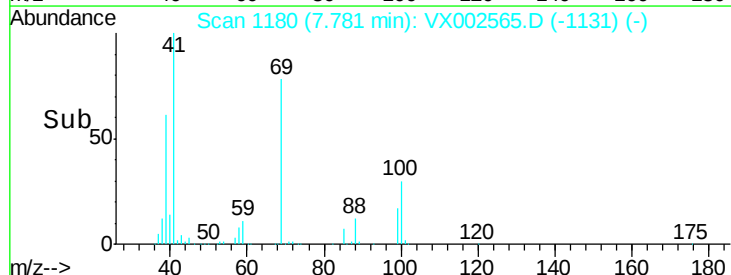
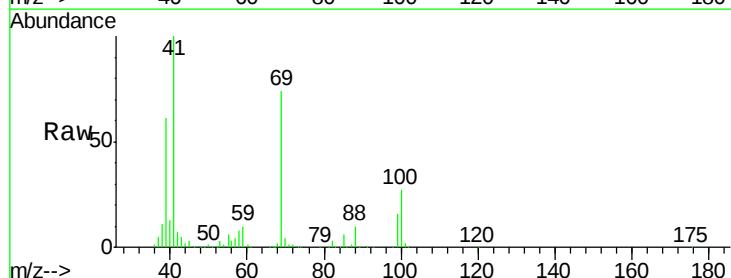
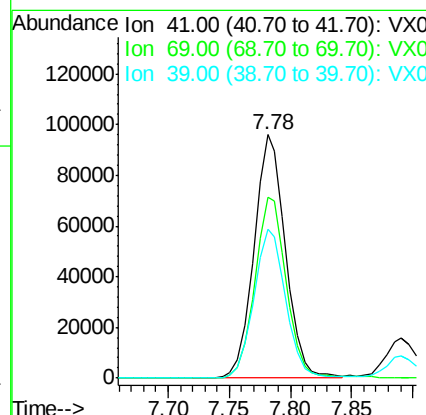
Manual Integrations
APPROVED

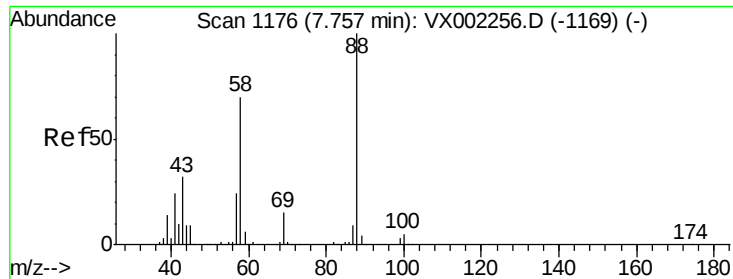
MMDadoda
6/15/2018 1:11:55 PM



#48
Methyl methacrylate
Concen: 54.758 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

Tgt Ion	Ratio	Lower	Upper
41	100		
69	75.4	59.1	88.7
39	62.3	48.9	73.3





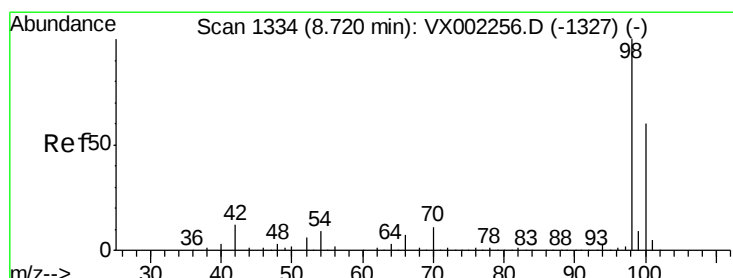
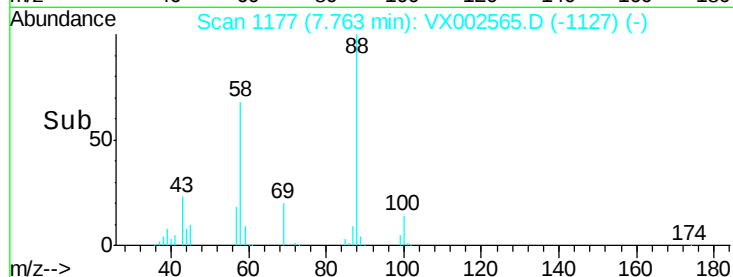
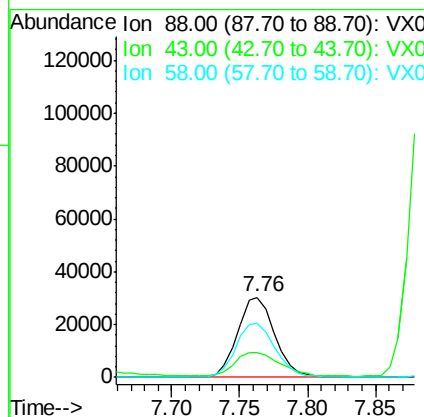
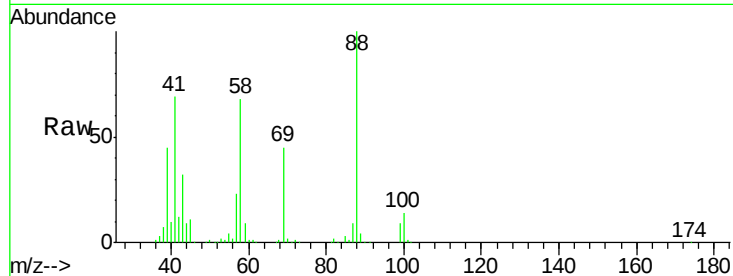
#49
1,4-Dioxane
Concen: 991.851 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.7	29.8	44.6
58	72.2	57.1	85.7

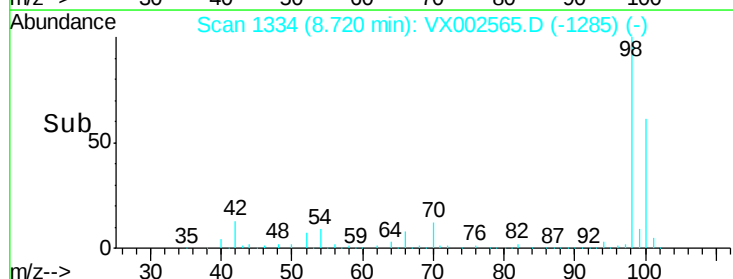
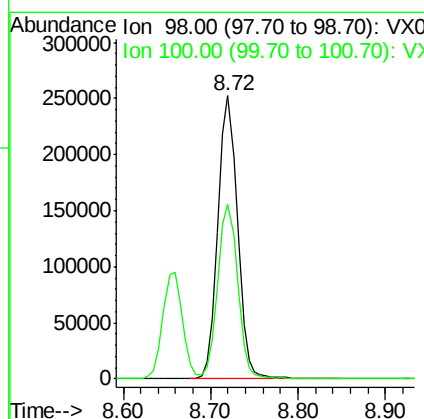
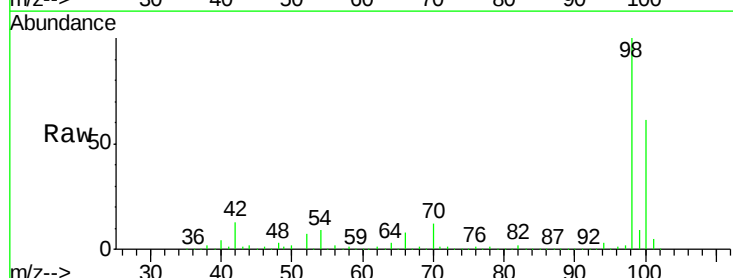
Manual Integrations
APPROVED

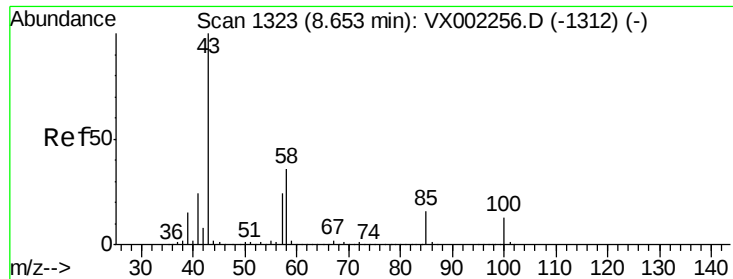
MMDadoda
6/15/2018 1:11:55 PM



#50
Toluene-d8
Concen: 45.037 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.9	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 281.465 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1088851

Ion Ratio Lower Upper

43 100

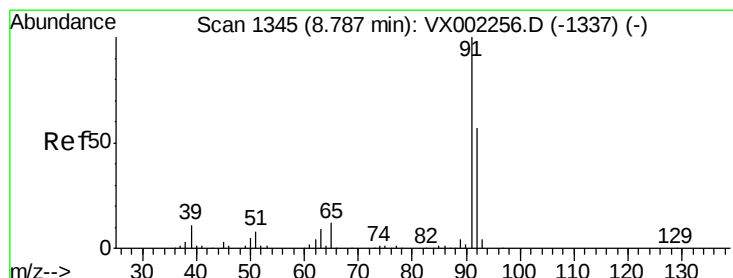
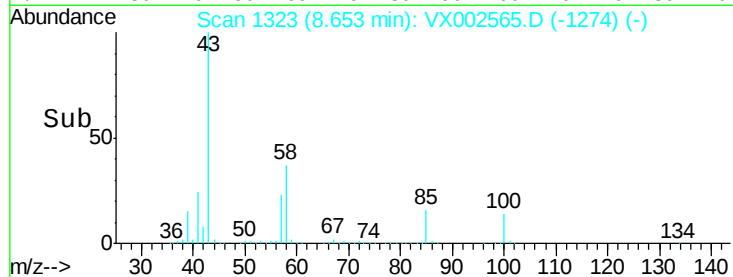
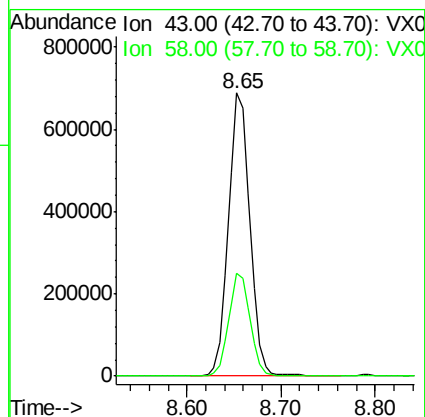
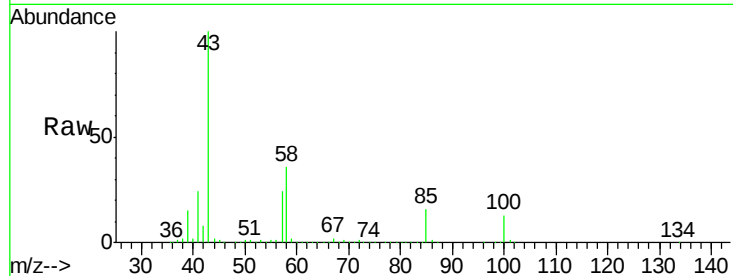
58 36.1 28.6 42.8

Manual Integrations

APPROVED

MMDadoda

6/15/2018 1:11:55 PM



#52

Toluene

Concen: 48.279 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002565.D

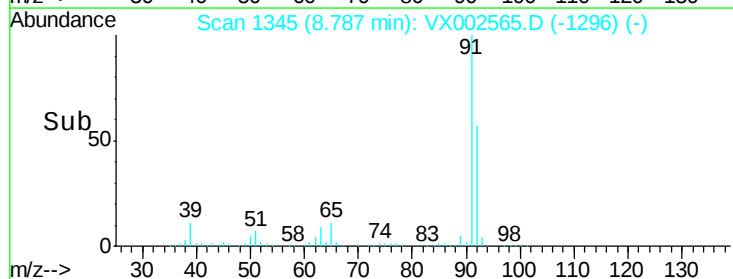
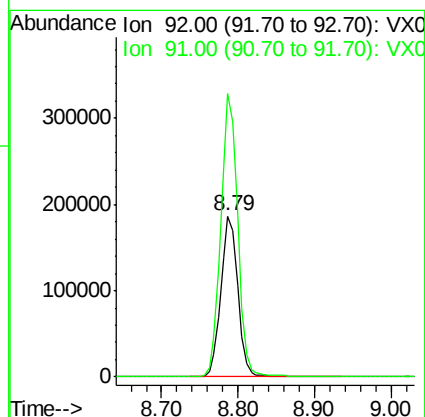
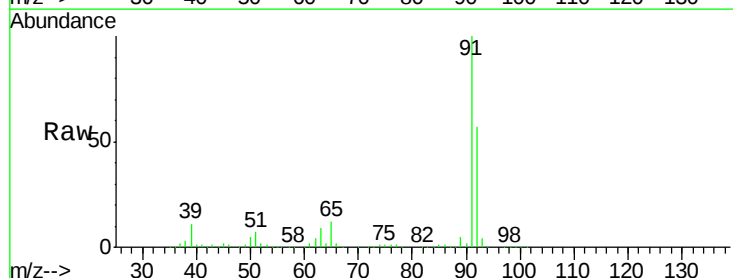
Acq: 14 Jun 2018 21:12

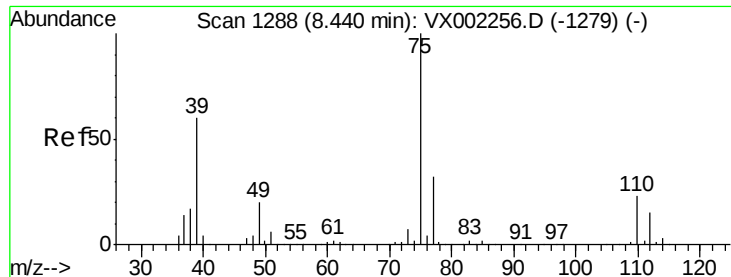
Tgt Ion: 92 Resp: 286328

Ion Ratio Lower Upper

92 100

91 175.6 140.4 210.6





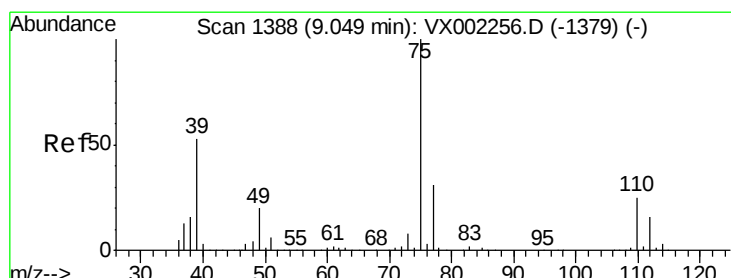
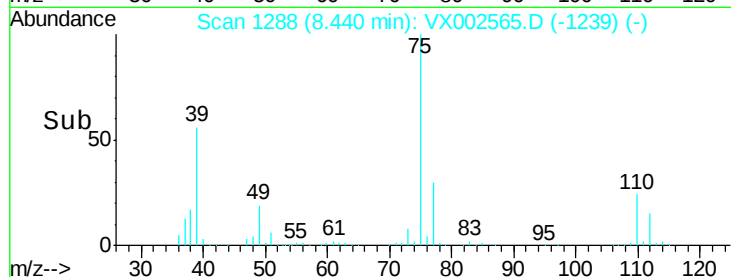
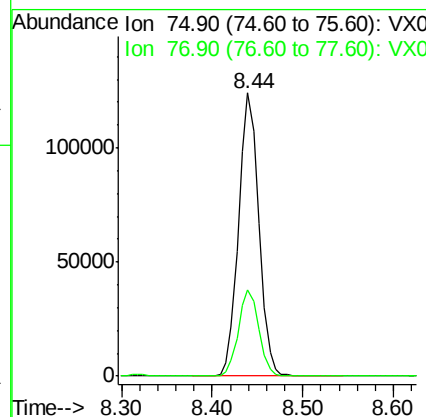
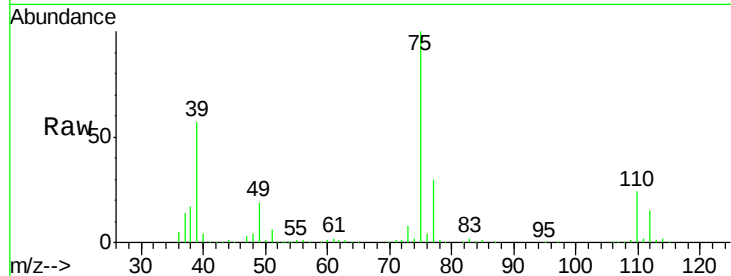
#53
 t-1,3-Dichloropropene
 Concen: 52.067 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX002565.D
 Acq: 14 Jun 2018 21:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 192714
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.4 38.2

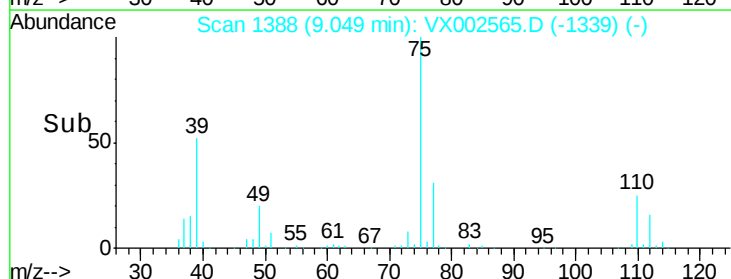
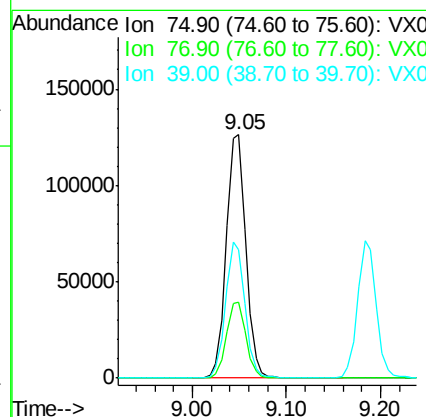
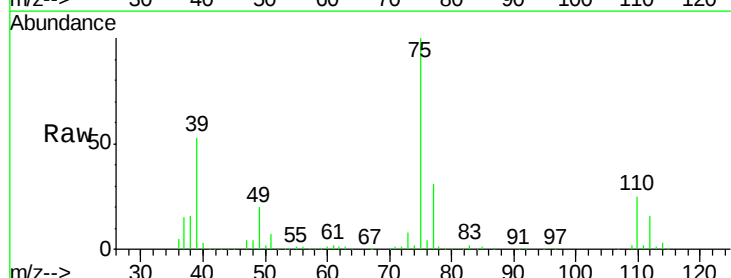
Manual Integrations
 APPROVED

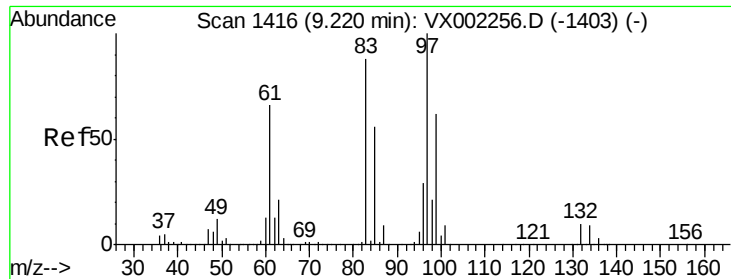
MMDadoda
 6/15/2018 1:11:55 PM



#54
 cis-1,3-Dichloropropene
 Concen: 51.980 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX002565.D
 Acq: 14 Jun 2018 21:12

Tgt Ion: 75 Resp: 181514
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.8 37.2
 39 52.6 42.4 63.6





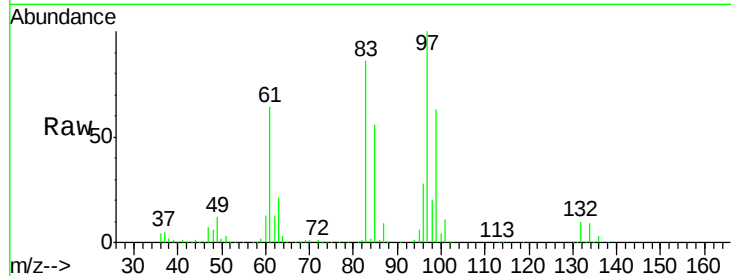
#55
 1,1,2-Trichloroethane
 Concen: 55.363 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002565.D
 Acq: 14 Jun 2018 21:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

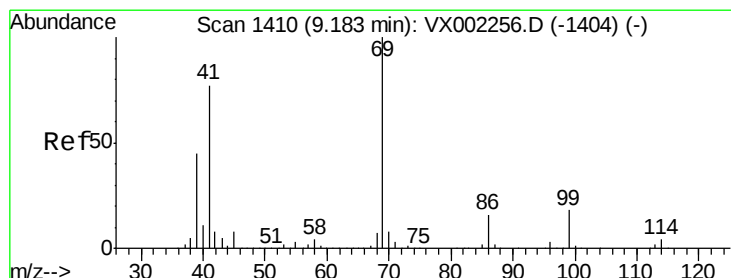
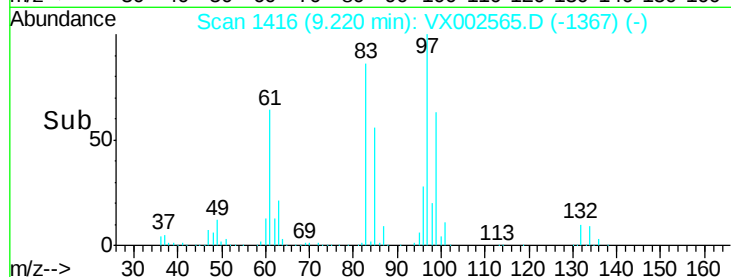
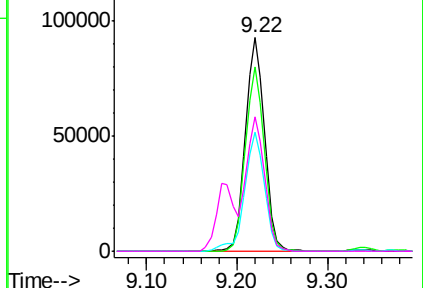
Tot Ion:	97	Resp:	135044
Ion	Ratio	Lower	Upper
97	100		
83	86.5	70.2	105.2
85	55.6	44.9	67.3
99	63.0	49.8	74.8

Manual Integrations
 APPROVED

MMDadoda
 6/15/2018 1:11:55 PM

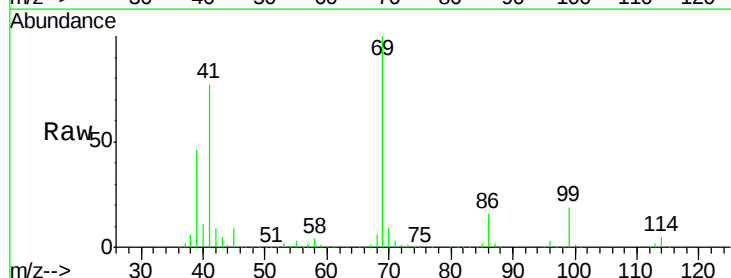


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

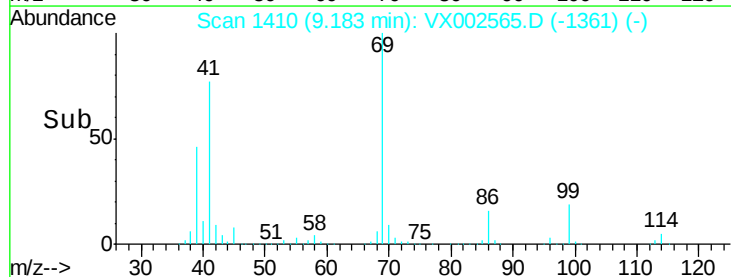
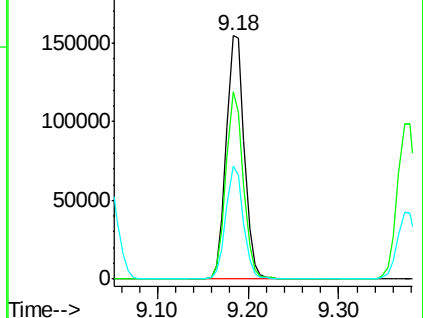


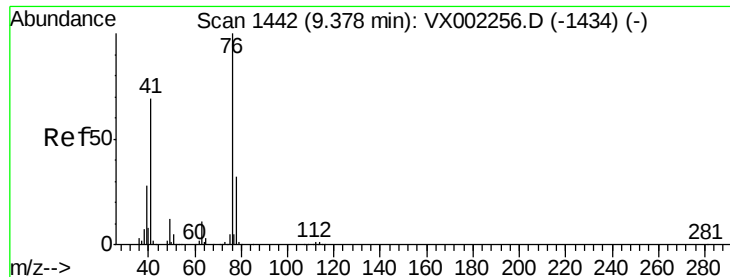
#56
 Ethyl methacrylate
 Concen: 55.446 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002565.D
 Acq: 14 Jun 2018 21:12

Tgt Ion:	69	Resp:	215924
Ion	Ratio	Lower	Upper
69	100		
41	73.5	60.3	90.5
39	44.7	35.8	53.8



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 54.227 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 221907

Ion Ratio Lower Upper

76 100

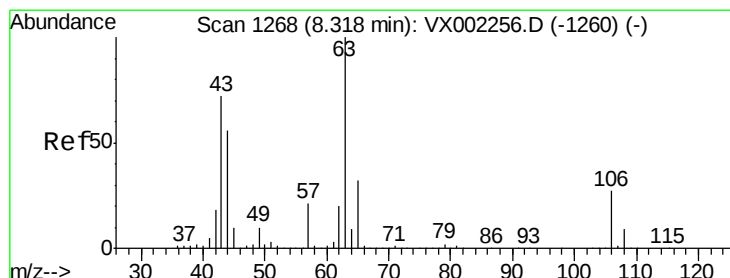
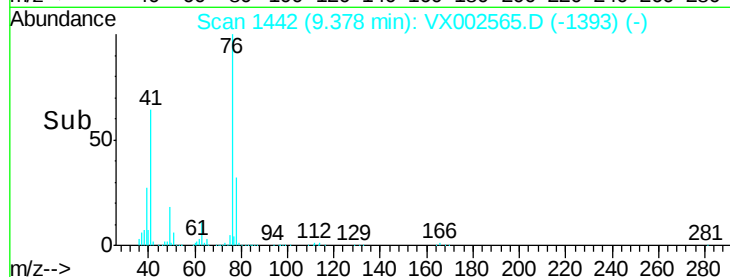
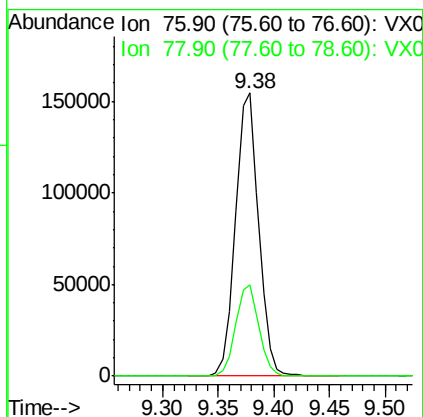
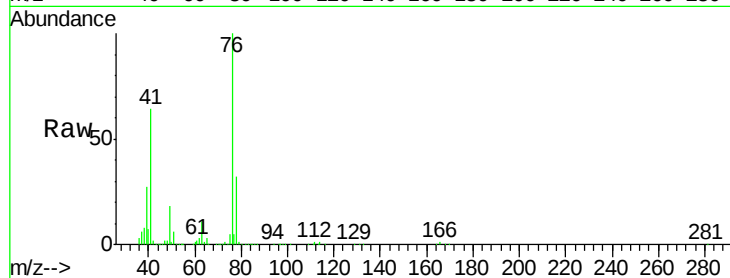
78 32.4 25.8 38.6

Manual Integrations

APPROVED

MMDadoda

6/15/2018 1:11:55 PM



#58

2-Chloroethyl Vinyl ether

Concen: 287.966 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX002565.D

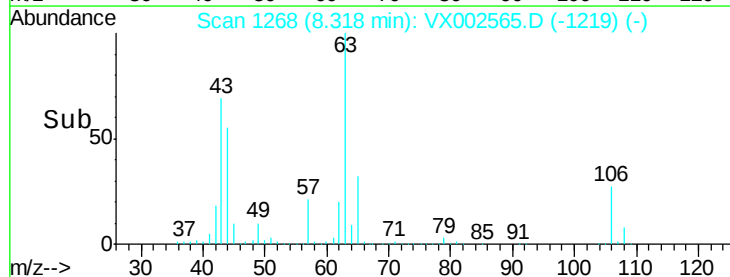
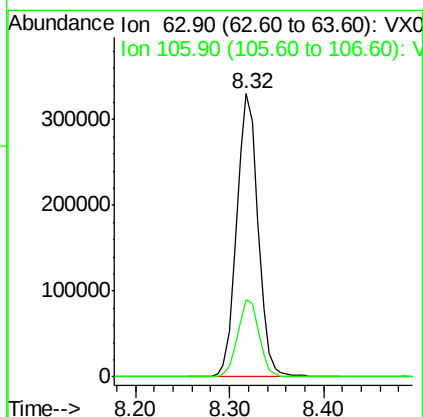
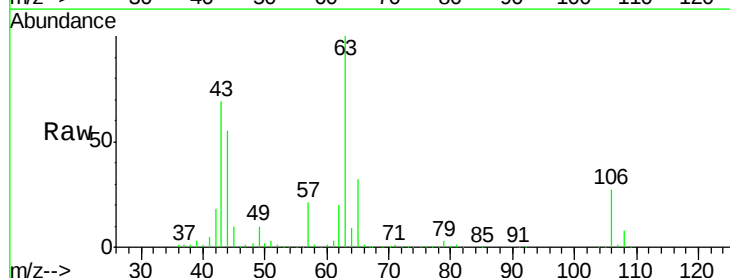
Acq: 14 Jun 2018 21:12

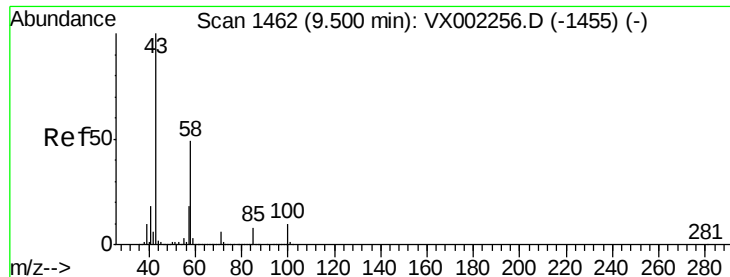
Tgt Ion: 63 Resp: 519039

Ion Ratio Lower Upper

63 100

106 27.6 21.8 32.8





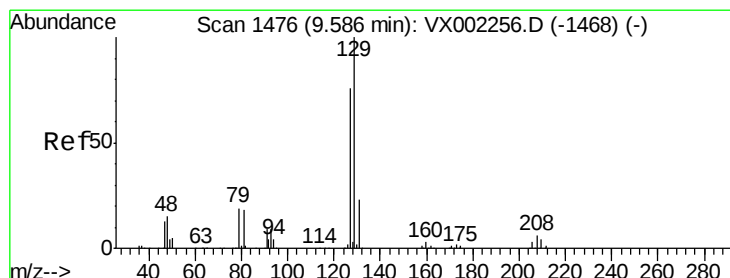
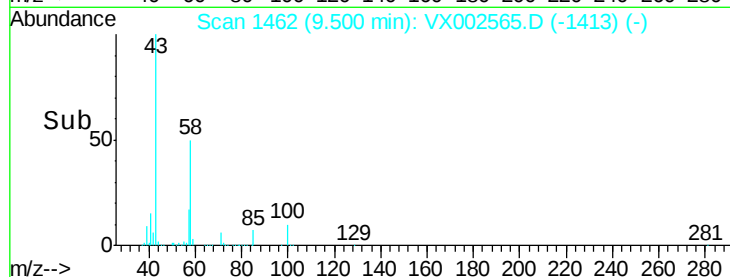
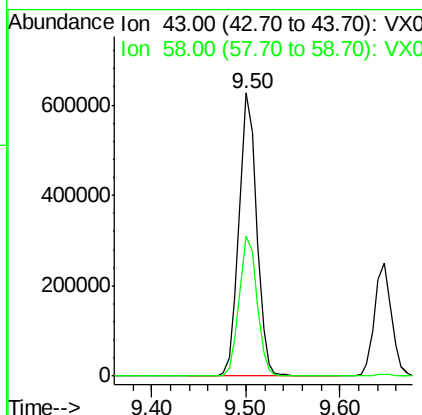
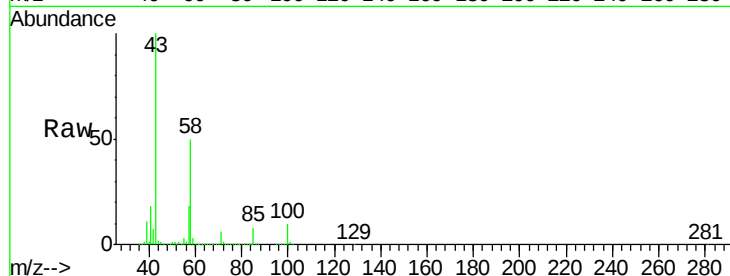
#59
2-Hexanone
Concen: 275.831 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 824202
Ion Ratio Lower Upper
43 100
58 50.1 24.6 73.6

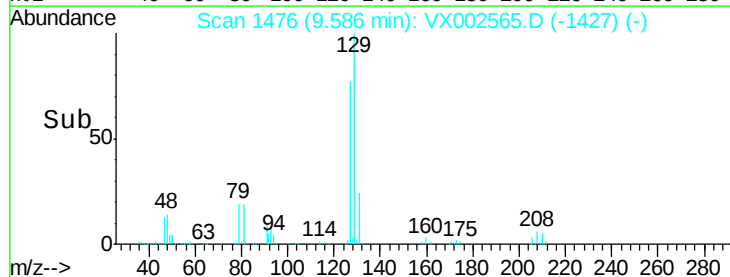
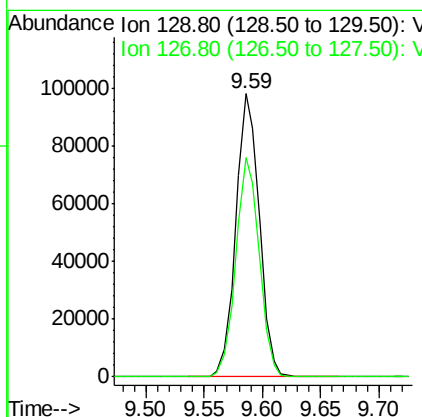
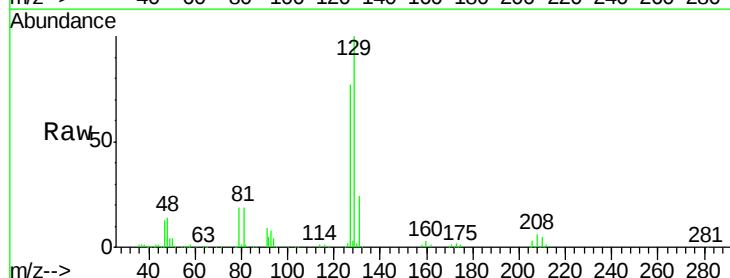
Manual Integrations
APPROVED

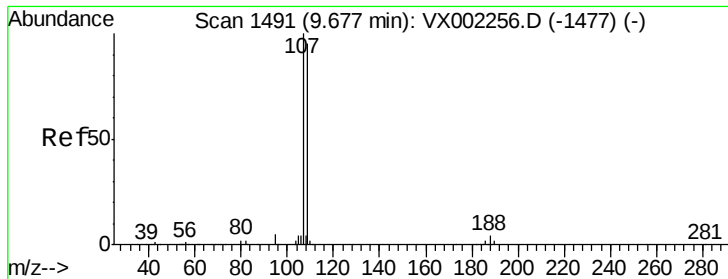
MMDadoda
6/15/2018 1:11:55 PM



#60
Dibromochloromethane
Concen: 56.239 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

Tgt Ion:129 Resp: 137982
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 55.688 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 141633

Ion Ratio Lower Upper

107 100

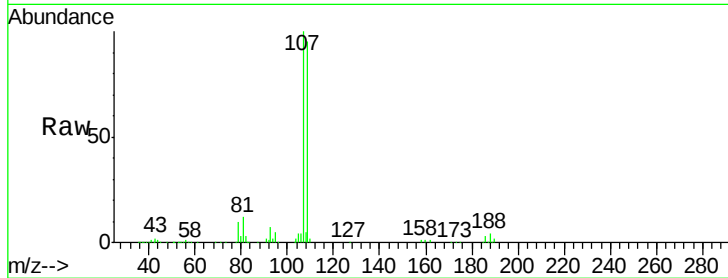
109 95.0 75.3 112.9

Manual Integrations

APPROVED

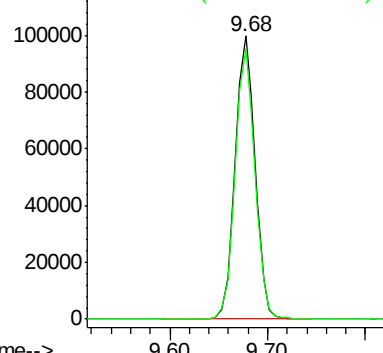
MMDadoda

6/15/2018 1:11:55 PM

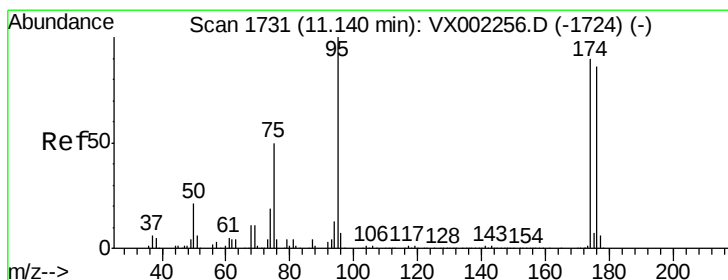
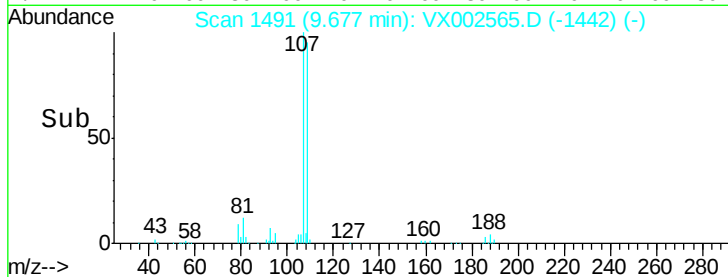


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 47.703 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

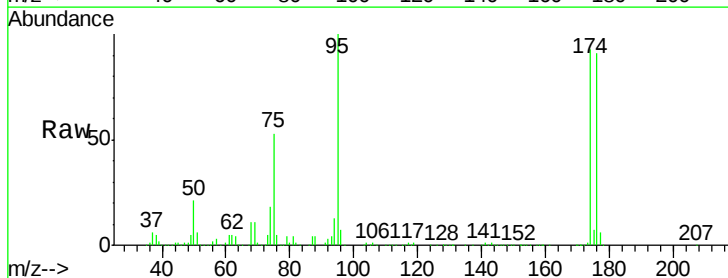
Tgt Ion: 95 Resp: 160399

Ion Ratio Lower Upper

95 100

174 95.6 0.0 187.4

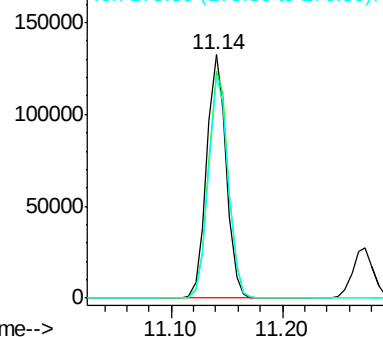
176 92.2 0.0 181.0



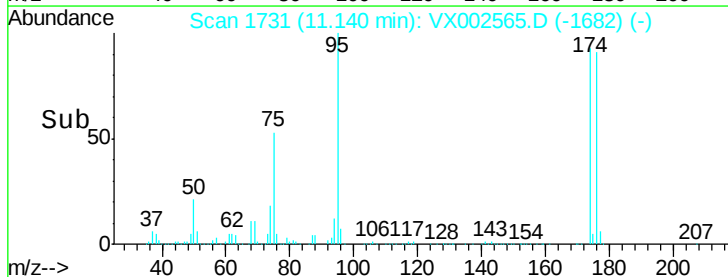
Abundance Ion 94.90 (94.60 to 95.60): VX0

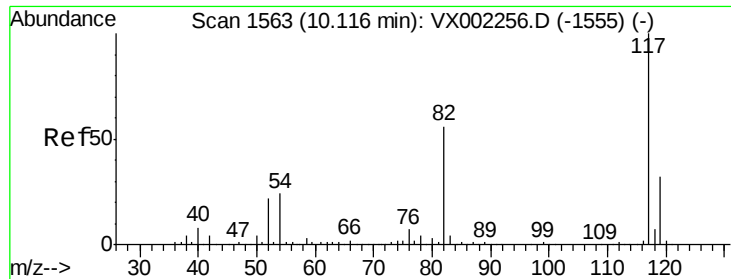
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





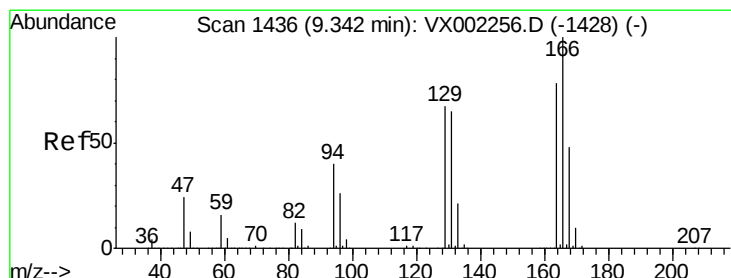
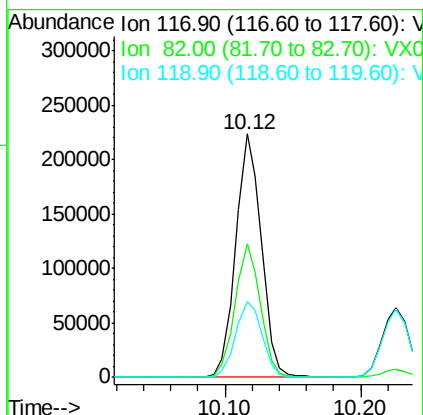
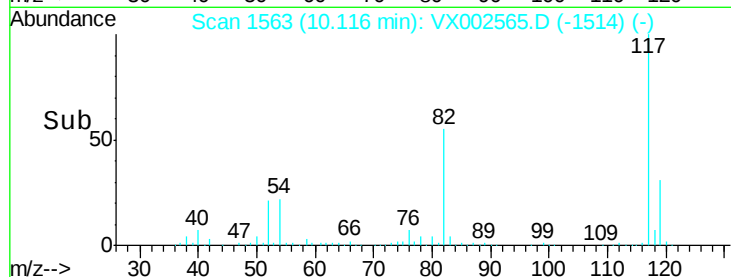
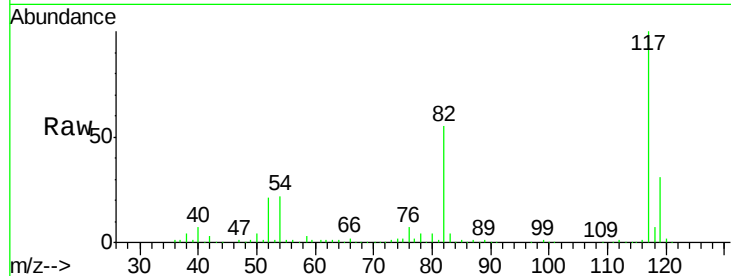
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	45.0	67.4
119	31.3	25.8	38.6

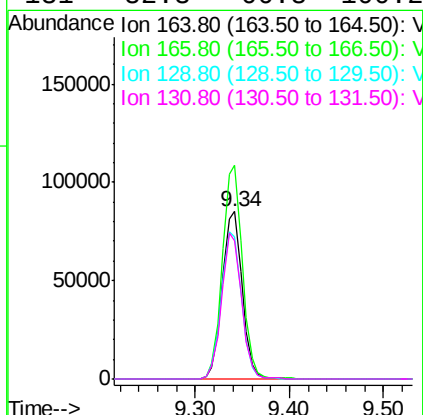
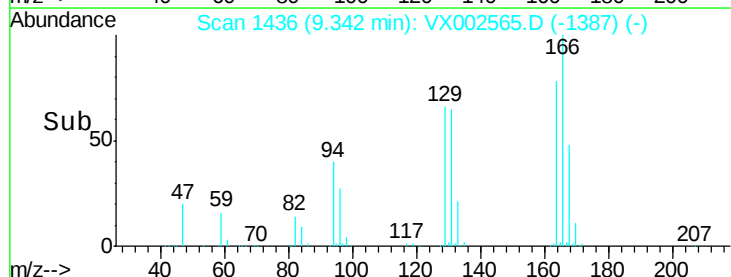
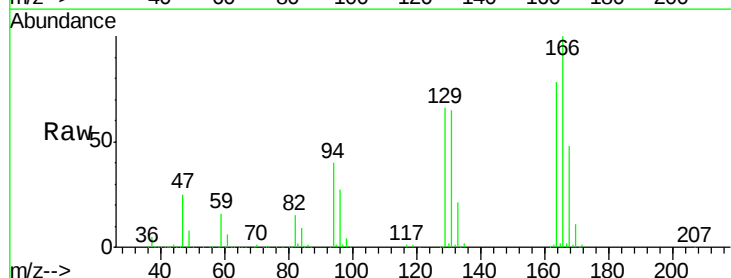
Manual Integrations
APPROVED

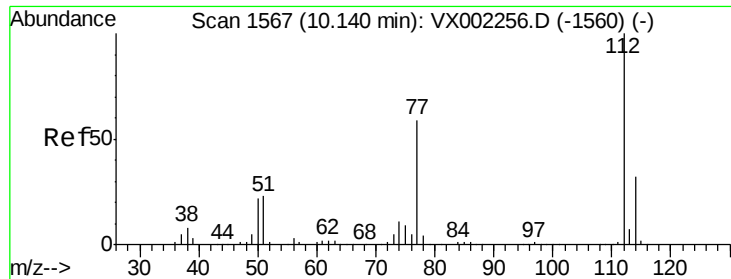
MMDadoda
6/15/2018 1:11:55 PM



#64
Tetrachloroethene
Concen: 41.628 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.4	102.9	154.3
129	84.7	68.6	102.8
131	82.3	66.8	100.2





#65

Chlorobenzene

Concen: 48.028 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 349800

Ion Ratio Lower Upper

112 100

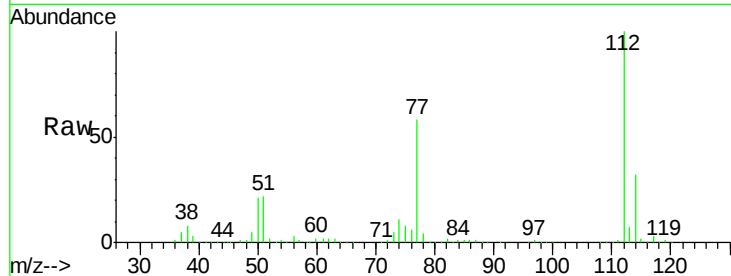
114 32.0 25.3 37.9

Manual Integrations

APPROVED

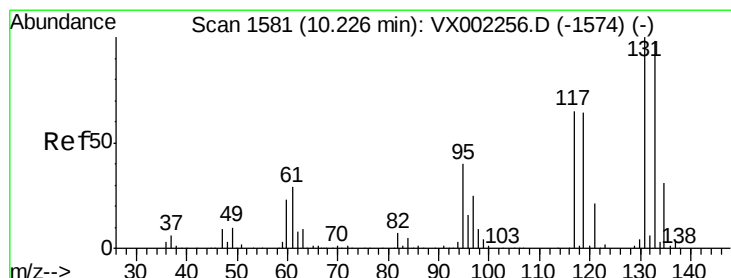
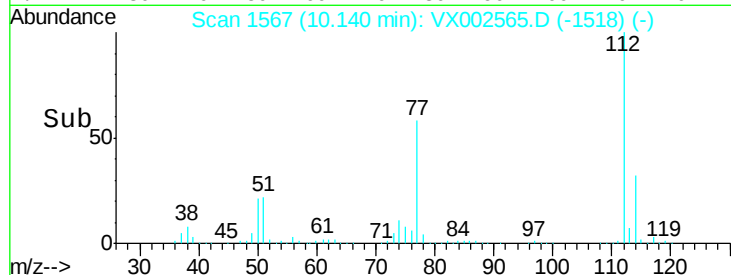
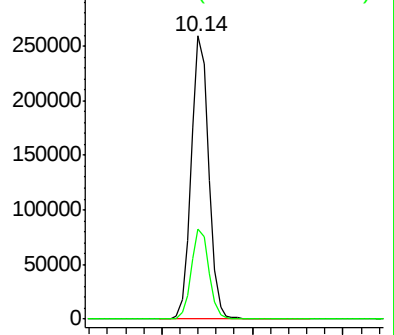
MMDadoda

6/15/2018 1:11:55 PM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.996 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

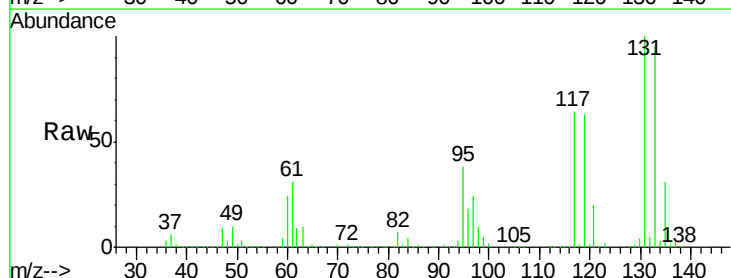
Tgt Ion:131 Resp: 134487

Ion Ratio Lower Upper

131 100

133 95.5 47.9 143.6

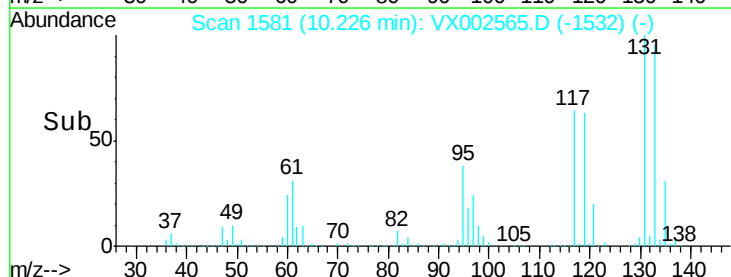
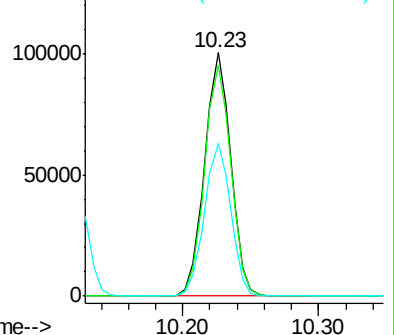
119 63.3 31.8 95.3

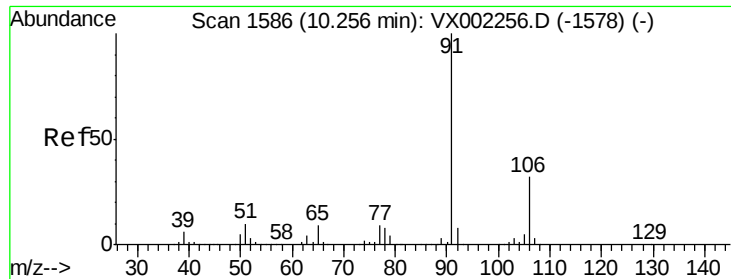


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





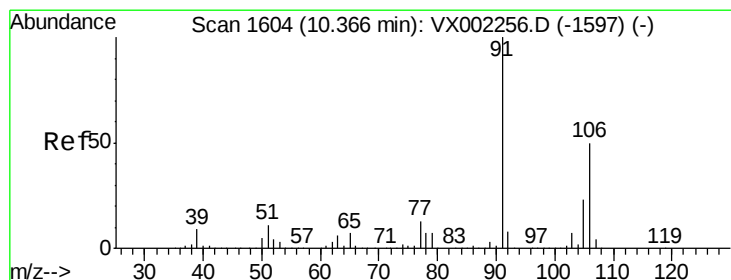
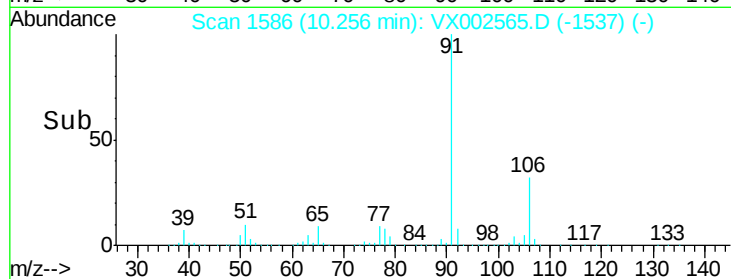
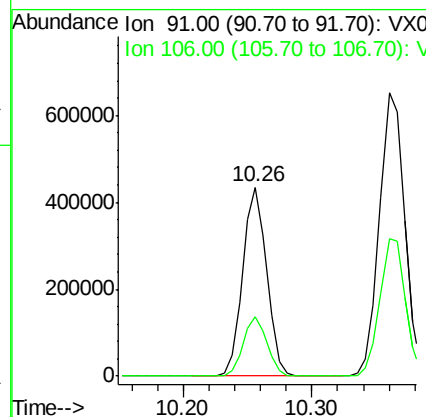
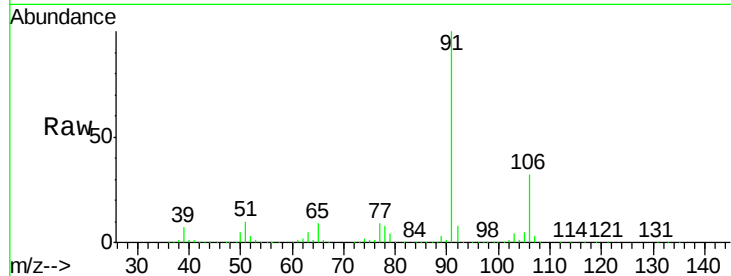
#67
Ethyl Benzene
Concen: 46.023 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 560962
Ion Ratio Lower Upper
91 100
106 31.6 25.5 38.3

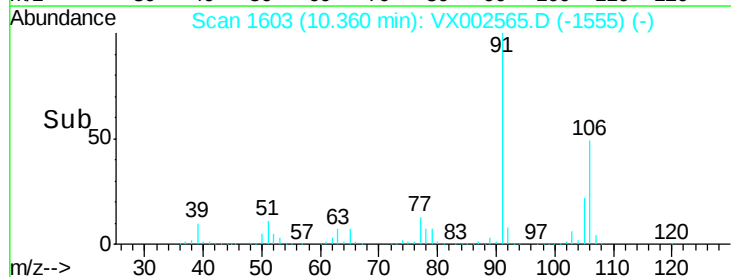
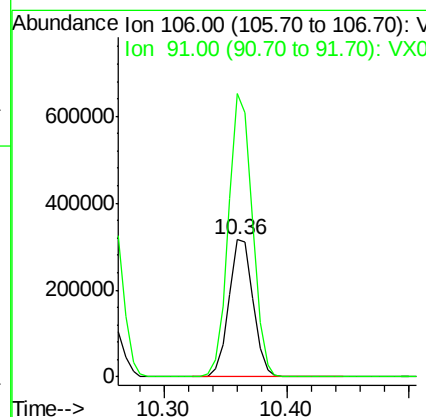
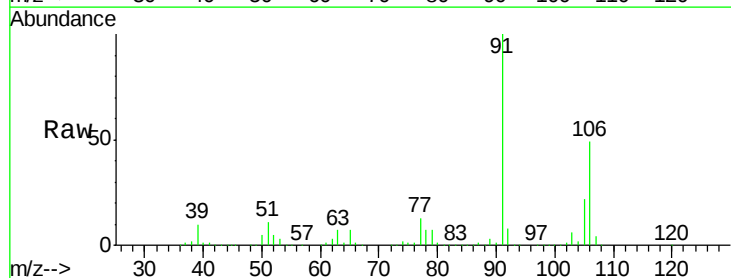
Manual Integrations
APPROVED

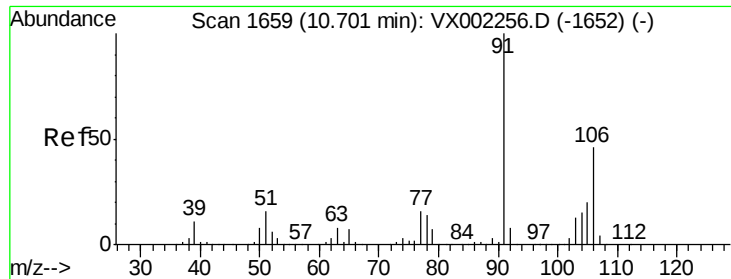
MMDadoda
6/15/2018 1:11:55 PM



#68
m/p-Xylenes
Concen: 91.170 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

Tgt Ion: 106 Resp: 431965
Ion Ratio Lower Upper
106 100
91 202.8 163.4 245.2





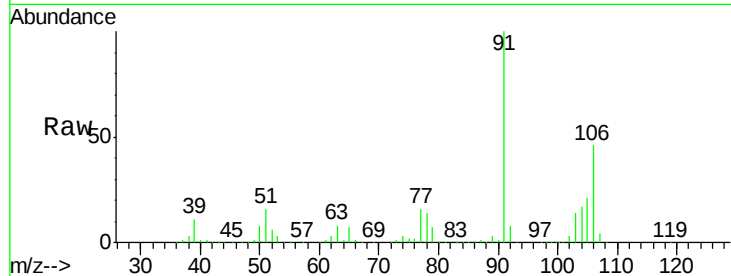
#69
o-Xylene
Concen: 47.867 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

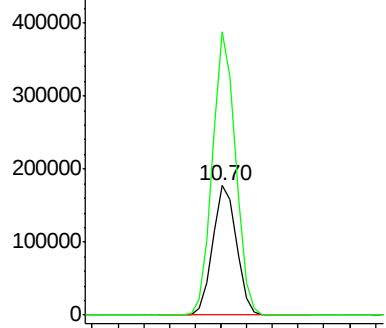
Tot Ion:106 Resp: 225699
Ion Ratio Lower Upper
106 100
91 213.2 108.2 324.6

Manual Integrations
APPROVED

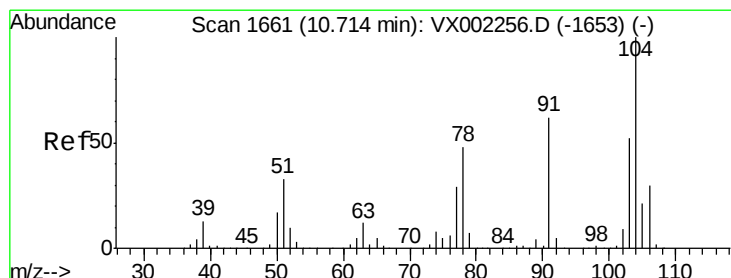
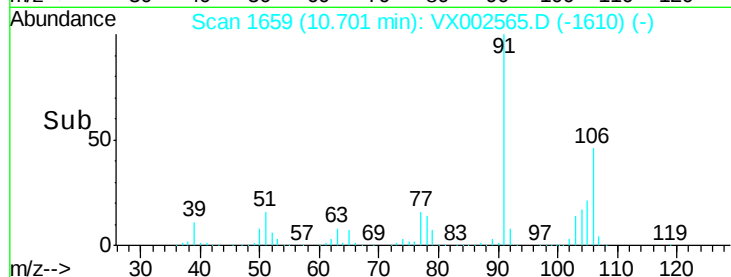
MMDadoda
6/15/2018 1:11:55 PM



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

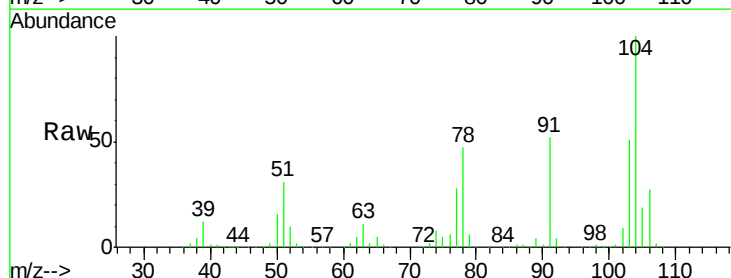


Time--> 10.60 10.70 10.80

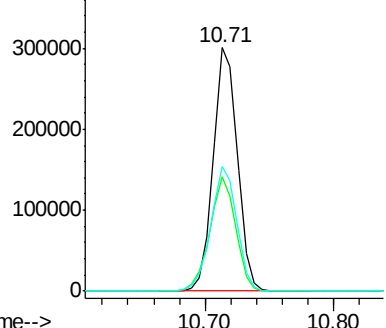


#70
Styrene
Concen: 50.257 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

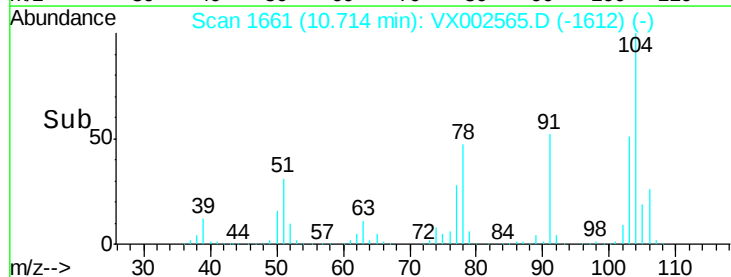
Tgt Ion:104 Resp: 387381
Ion Ratio Lower Upper
104 100
78 50.7 41.0 61.6
103 55.0 44.2 66.4

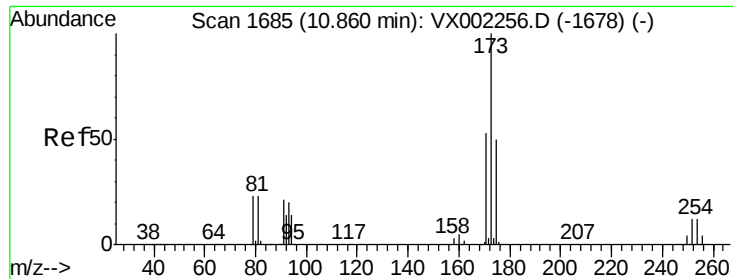


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time--> 10.70 10.80





#71

Bromoform

Concen: 46.590 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 109439

Ion Ratio Lower Upper

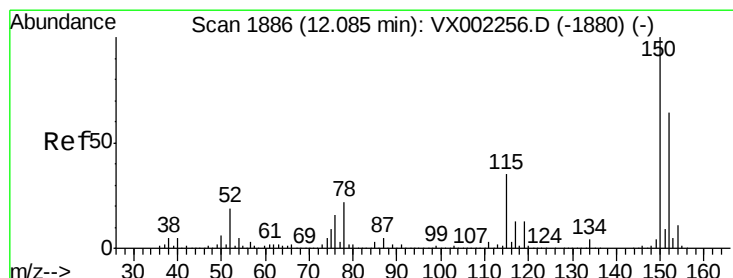
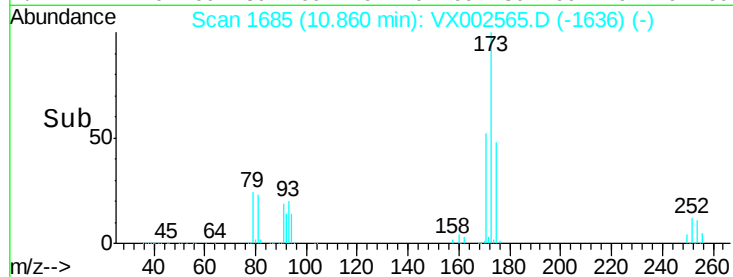
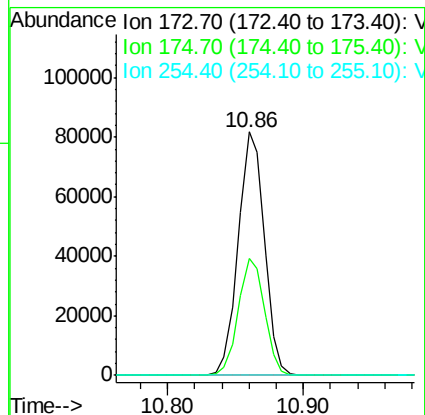
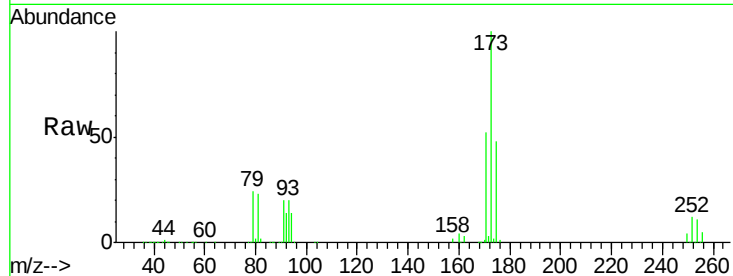
173 100

175 48.1 24.7 74.1

254 0.2 0.2 0.2

Manual Integrations
APPROVED

MMDadoda
6/15/2018 1:11:55 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

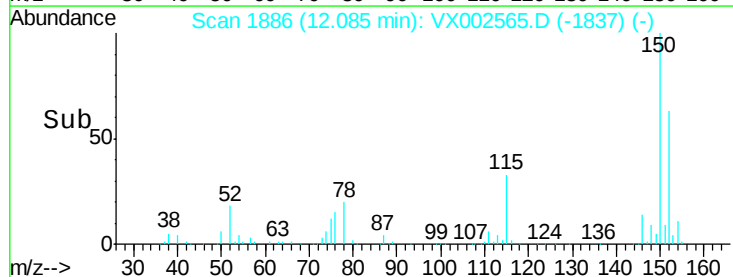
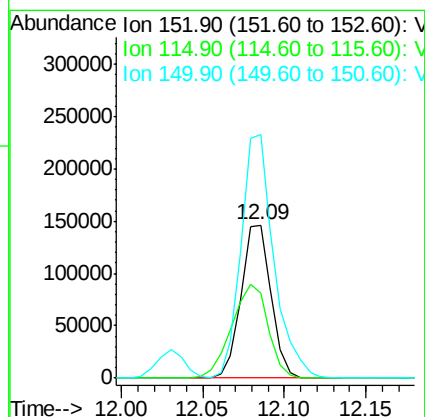
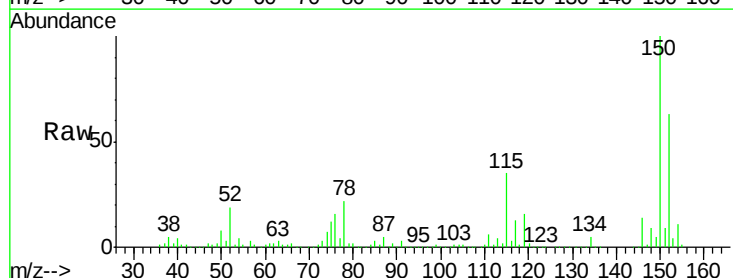
Tgt Ion:152 Resp: 187103

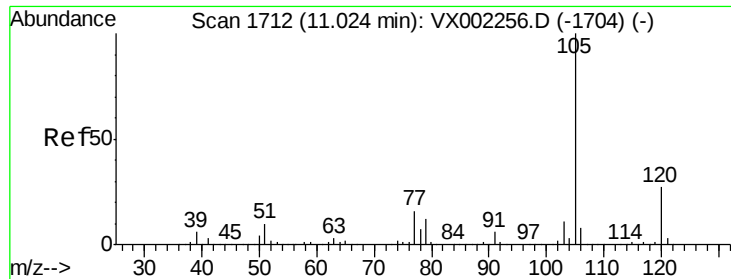
Ion Ratio Lower Upper

152 100

115 74.5 40.1 120.2

150 174.0 0.0 347.2





#73

Isopropylbenzene

Concen: 42.462 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 552674

Ion Ratio Lower Upper

105 100

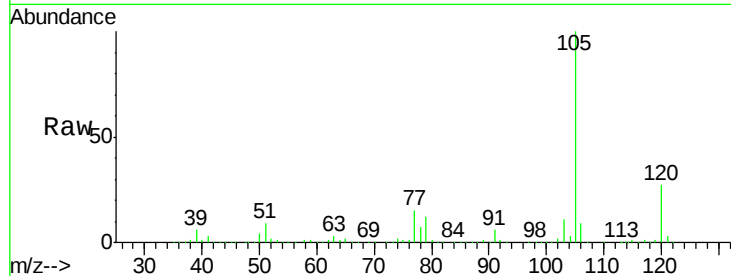
120 27.0 13.5 40.4

Manual Integrations

APPROVED

MMDadoda

6/15/2018 1:11:55 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

400000

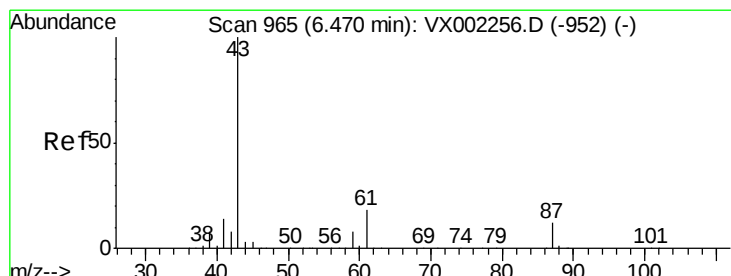
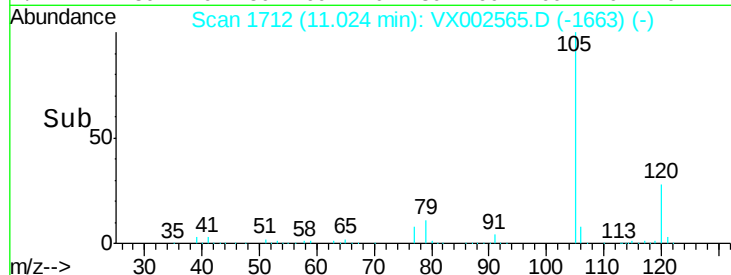
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 47.743 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Tgt Ion: 43 Resp: 334833

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 18.1 14.4 21.6

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

200000

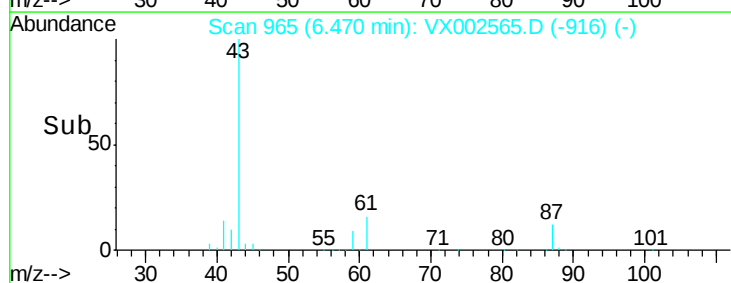
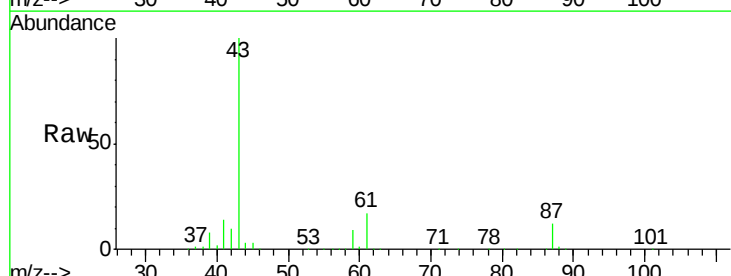
150000

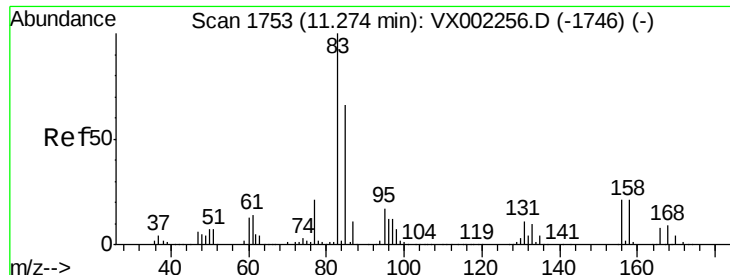
100000

50000

0

Time--> 6.30 6.40 6.50 6.60 6.70





#75

1,1,2,2-Tetrachloroethane

Concen: 51.097 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 209173
Ion Ratio Lower Upper

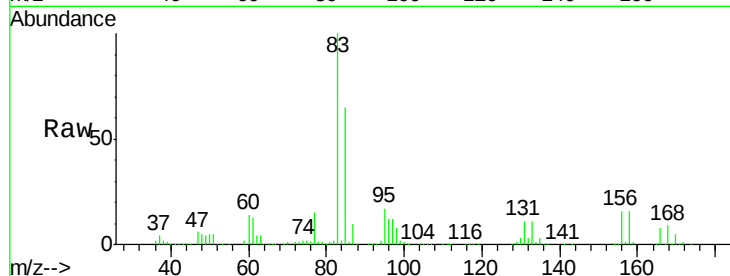
83 100

131 11.1 5.6 16.8

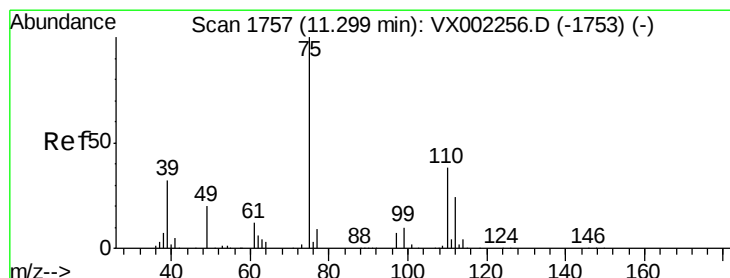
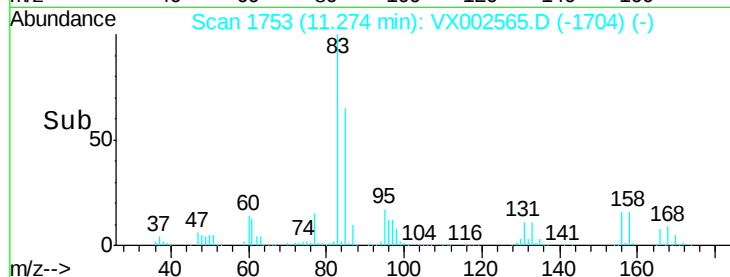
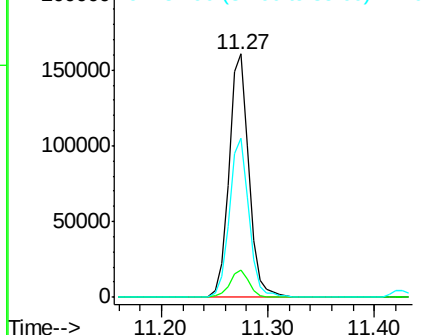
85 64.6 32.4 97.2

Manual Integrations
APPROVED

MMDadoda
6/15/2018 1:11:55 PM



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 50.164 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

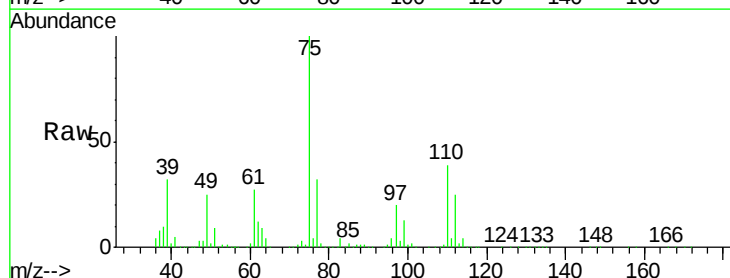
Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

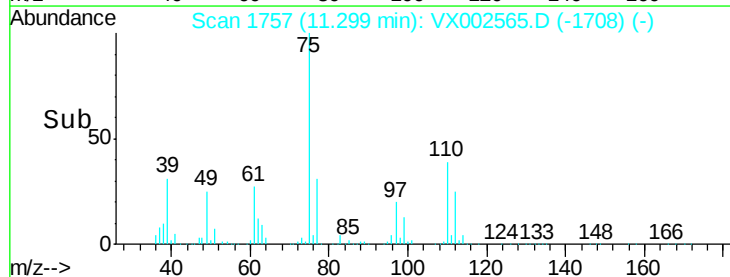
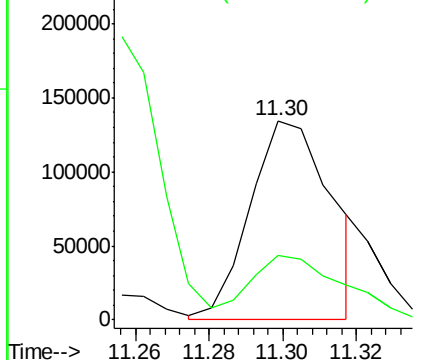
Tgt Ion: 75 Resp: 205951
Ion Ratio Lower Upper

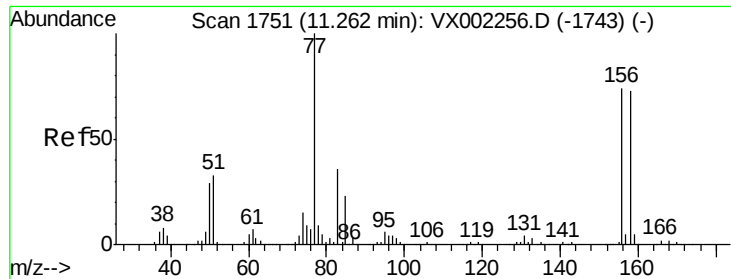
75 100

77 37.4 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.201 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :

MSVOA_X

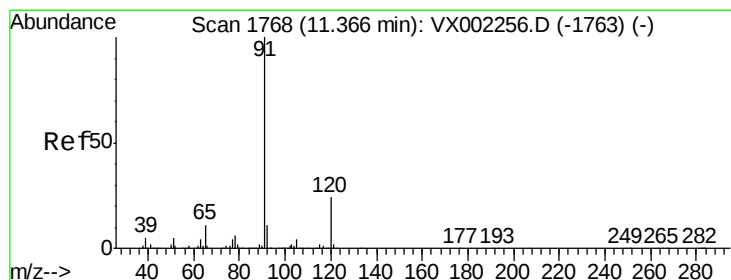
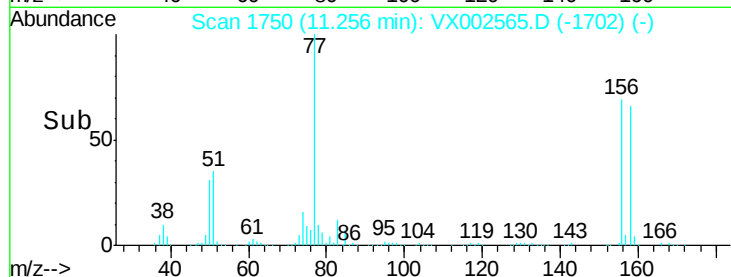
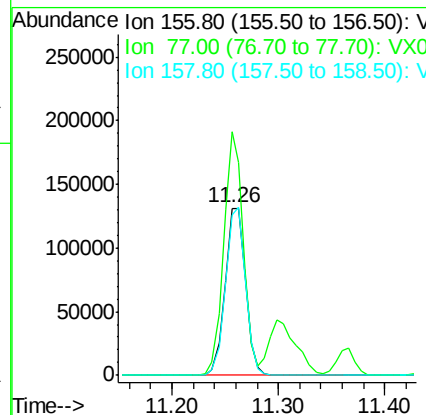
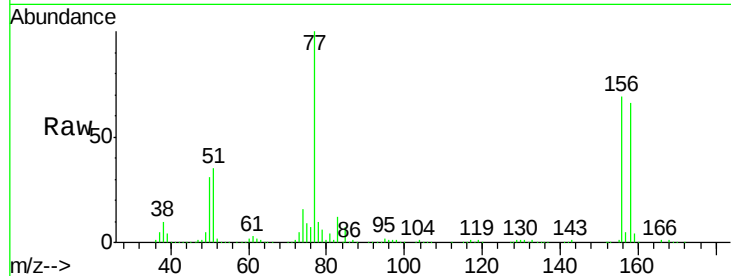
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	138.2	71.4	214.2
158	98.0	48.9	146.6

Manual Integrations
APPROVED

MMDadoda
6/15/2018 1:11:55 PM



#78

n-propylbenzene

Concen: 42.937 ug/l

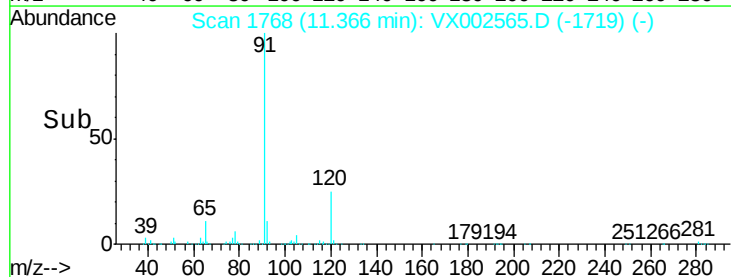
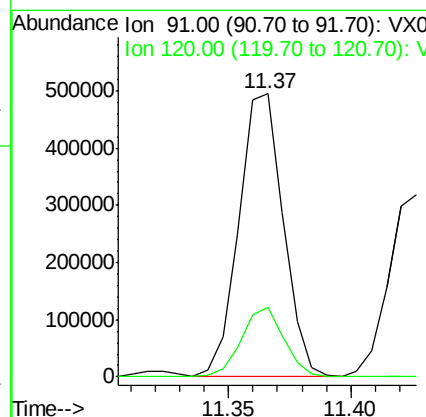
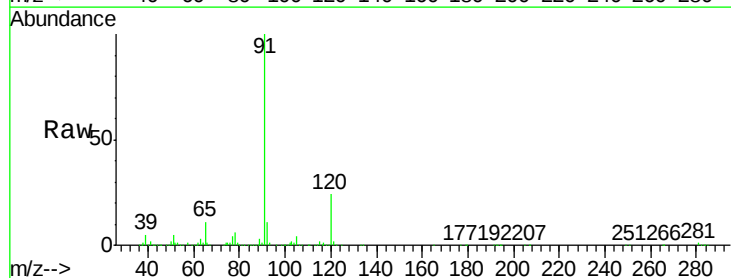
RT: 11.37 min Scan# 1768

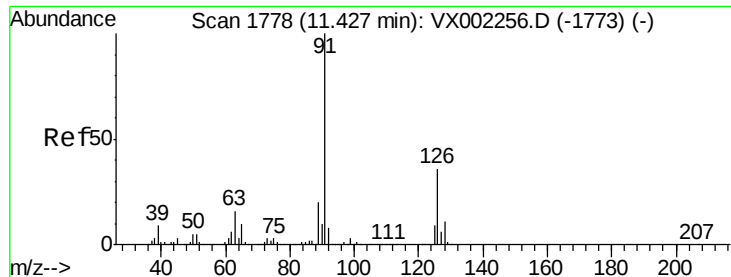
Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.8	35.4





#79

2-Chlorotoluene

Concen: 44.492 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 406424

Ion Ratio Lower Upper

91 100

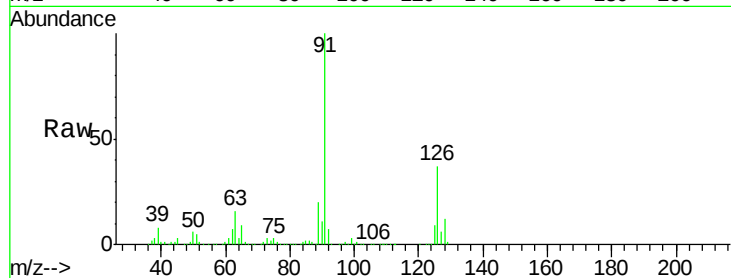
126 35.7 17.7 53.1

Manual Integrations

APPROVED

MMDadoda

6/15/2018 1:11:55 PM



Abundance Ion 91.00 (90.70 to 91.70): VX002256.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX002256.D (-1773) (-)

500000

400000

300000

200000

100000

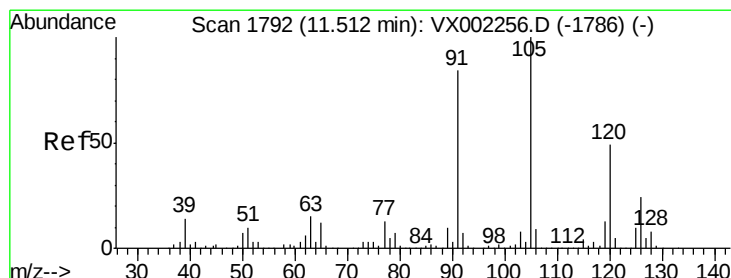
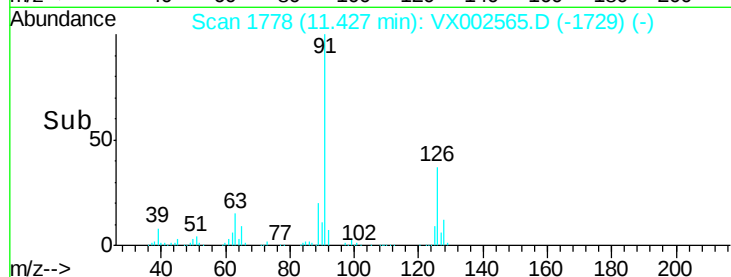
0

11.40

11.43

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 43.543 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002565.D

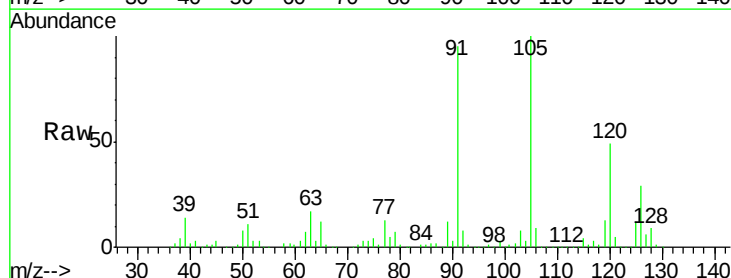
Acq: 14 Jun 2018 21:12

Tgt Ion: 105 Resp: 486113

Ion Ratio Lower Upper

105 100

120 48.6 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX002256.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX002256.D (-1786) (-)

400000

300000

200000

100000

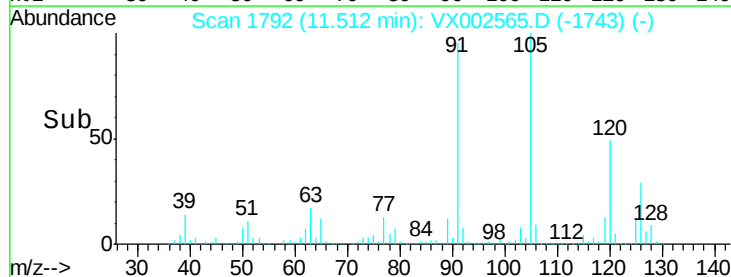
0

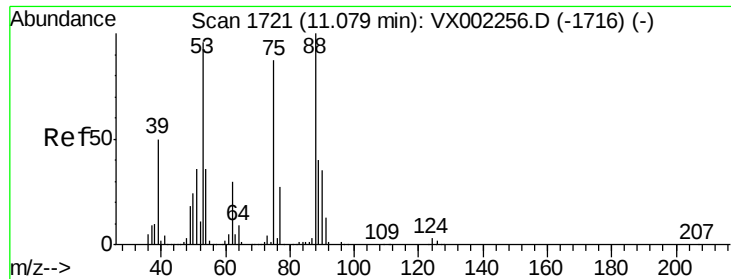
11.50

11.51

11.60

Time-->





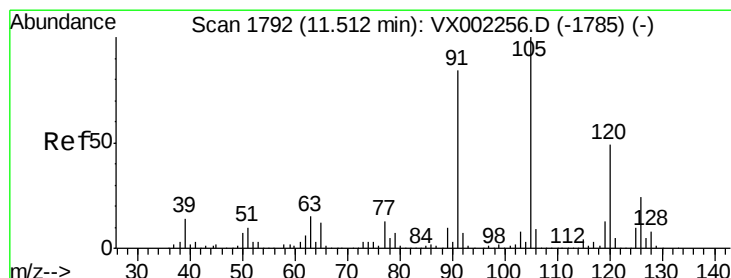
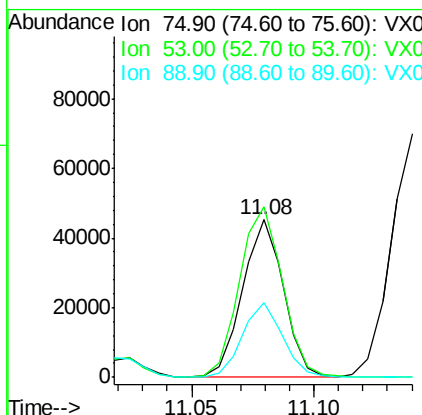
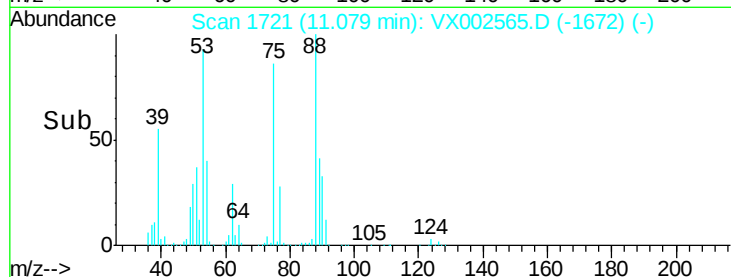
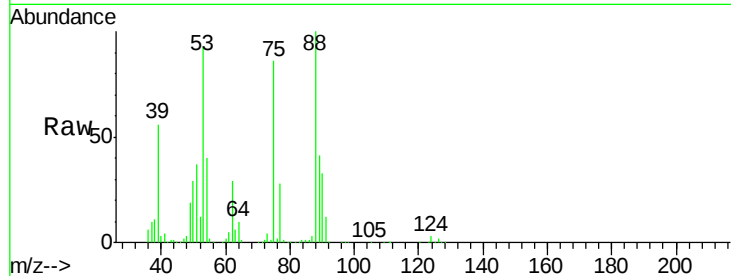
#81
trans-1,4-Dichloro-2-butene
Concen: 44.860 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	113.4	86.8	130.2
89	47.0	38.2	57.2

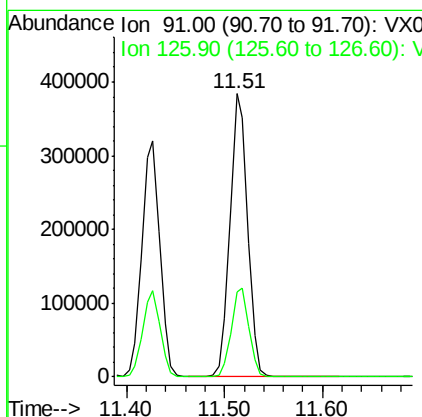
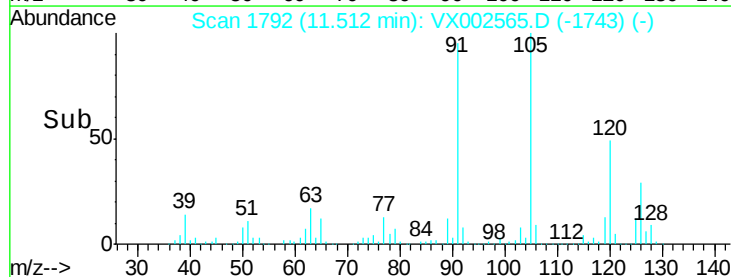
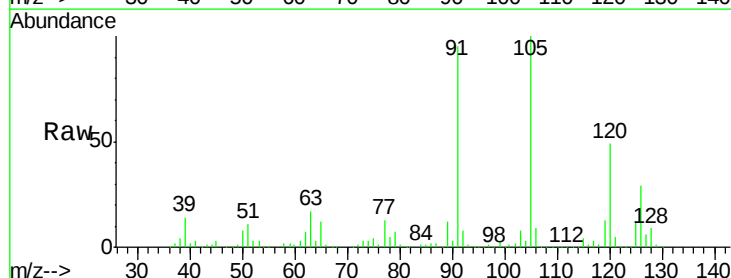
Manual Integrations
APPROVED

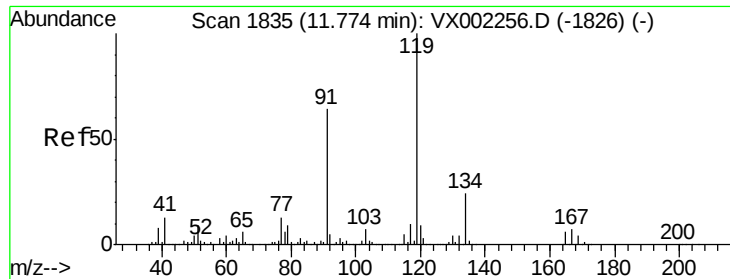
MMDadoda
6/15/2018 1:11:55 PM



#82
4-Chlorotoluene
Concen: 45.579 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.5	15.4	46.4





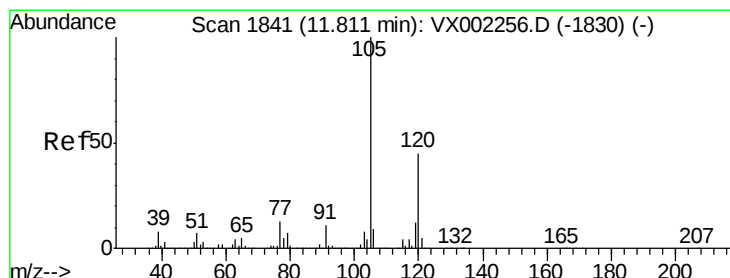
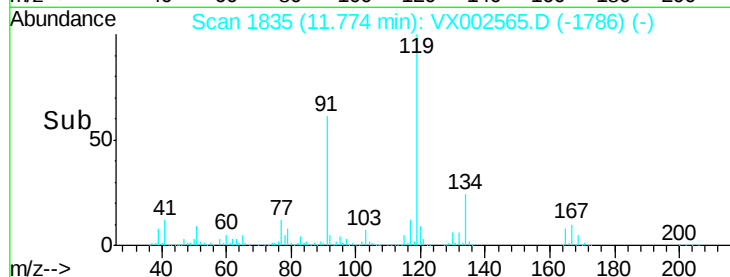
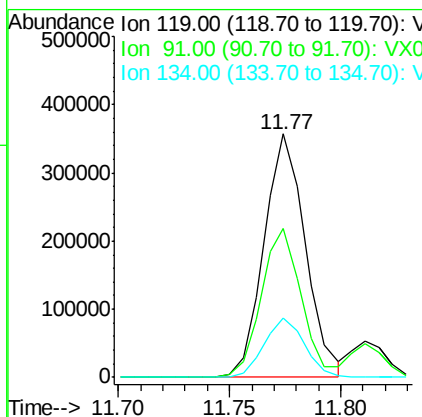
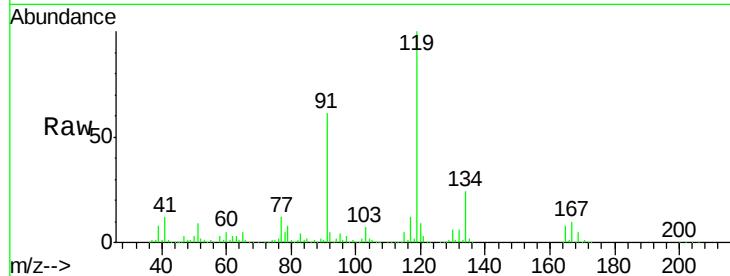
#83
tert-Butylbenzene
Concen: 42.377 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	460695		
91	59.4	30.3	90.9	
134	23.7	11.7	35.1	

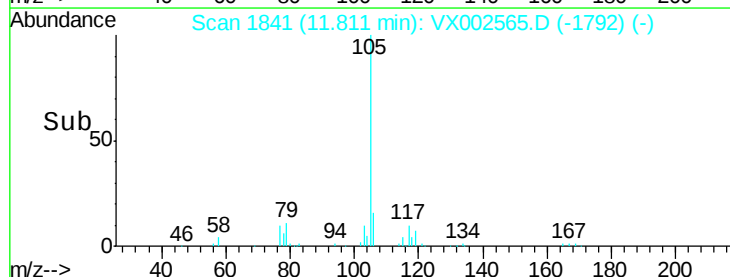
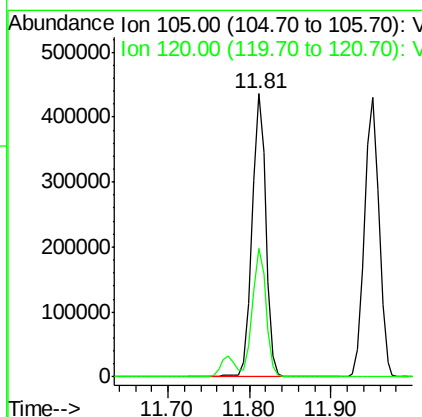
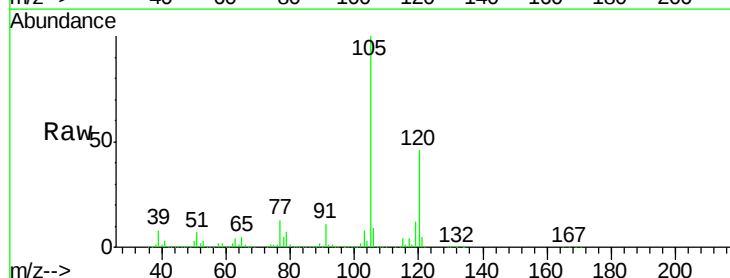
Manual Integrations
APPROVED

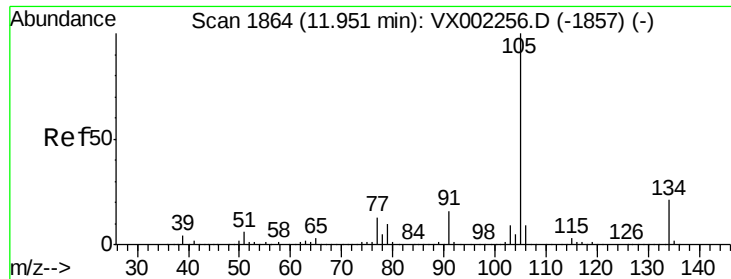
MMDadoda
6/15/2018 1:11:55 PM



#84
1,2,4-Trimethylbenzene
Concen: 45.244 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	519948		
120	45.2	22.3	66.8	





#85

sec-Butylbenzene

Concen: 41.057 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :

MSVOA_X

ClientSampleID :

VSTDCCC050EC

Tot Ion:105 Resp: 523263

Ion Ratio Lower Upper

105 100

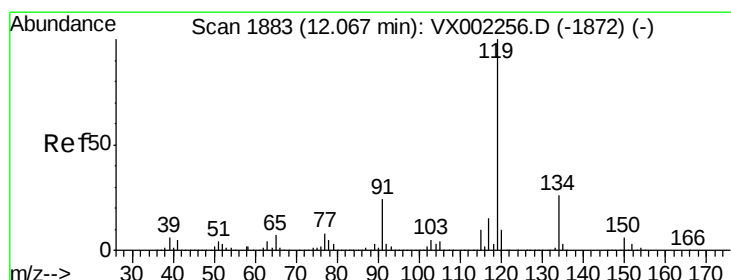
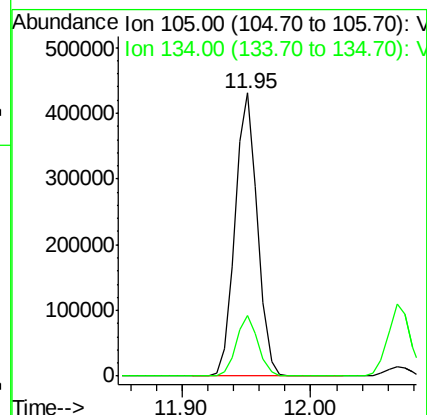
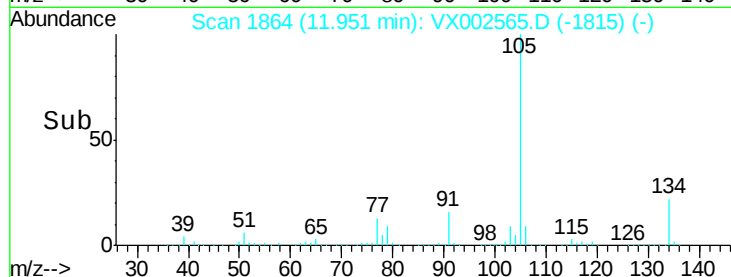
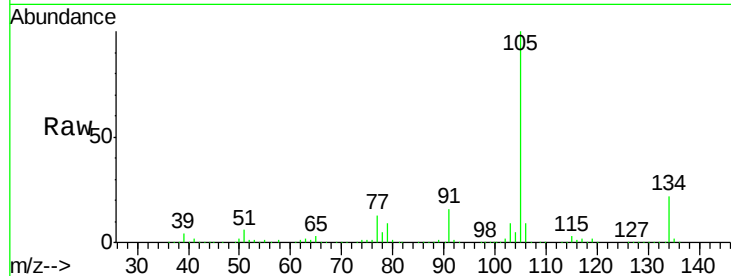
134 20.8 10.4 31.1

Manual Integrations

APPROVED

MMDadoda

6/15/2018 1:11:55 PM



#86

p-Isopropyltoluene

Concen: 41.924 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

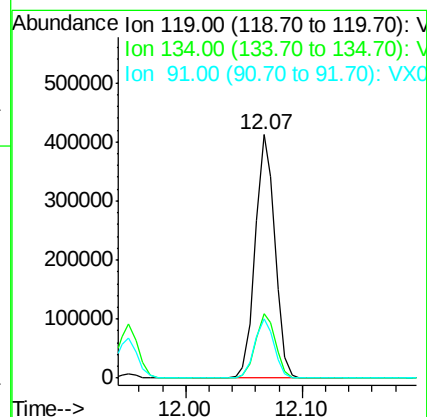
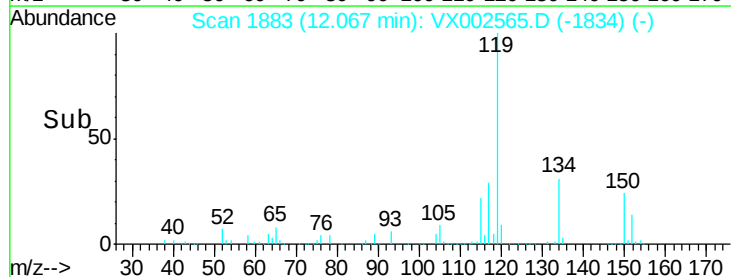
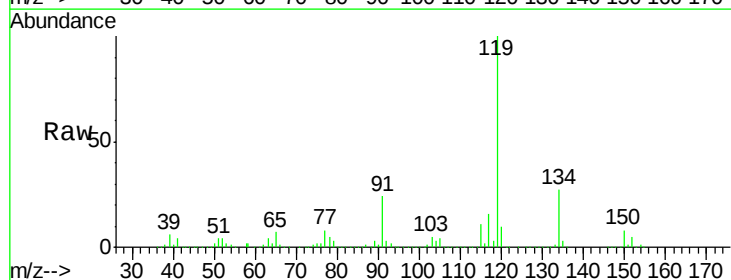
Tgt Ion:119 Resp: 486685

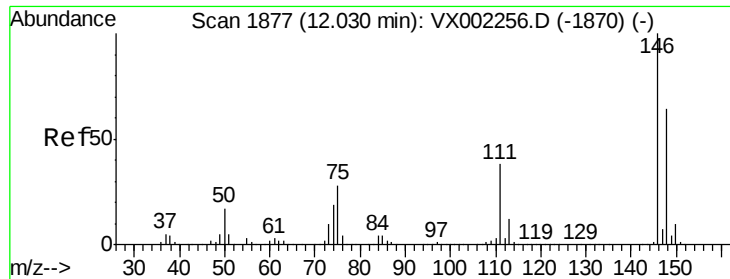
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 23.8 11.9 35.7





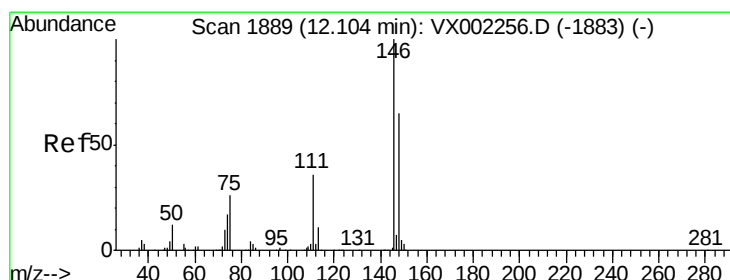
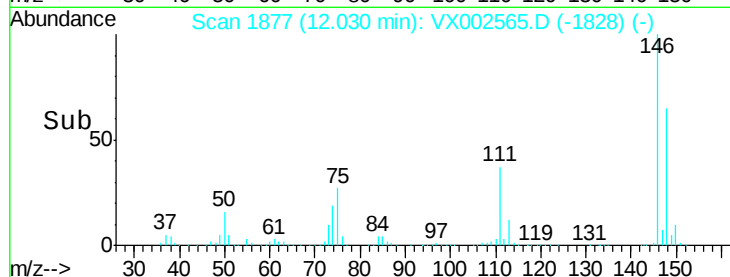
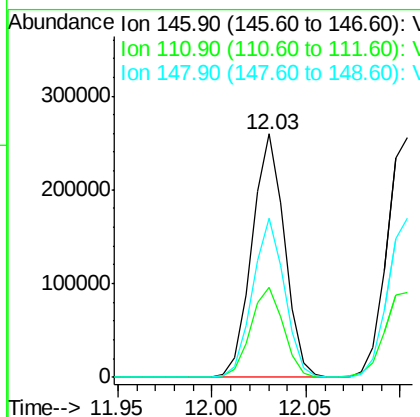
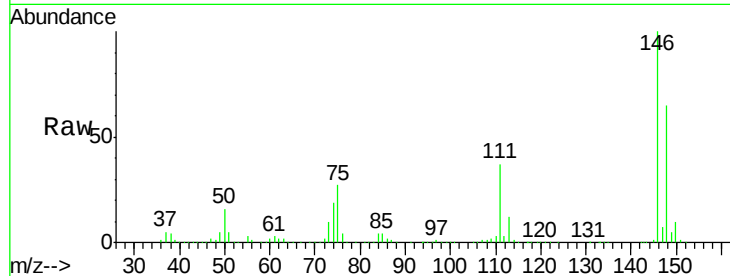
#87
 1,3-Dichlorobenzene
 Concen: 47.332 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002565.D
 Acq: 14 Jun 2018 21:12

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.9	56.7
148	64.2	32.1	96.3

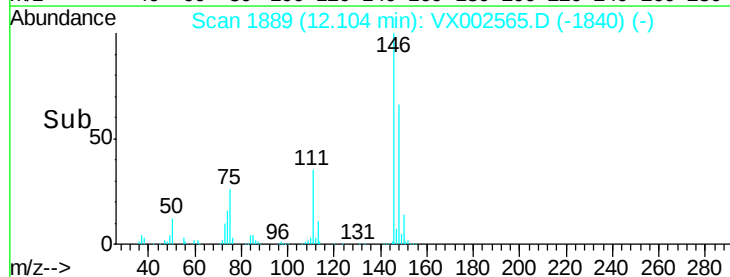
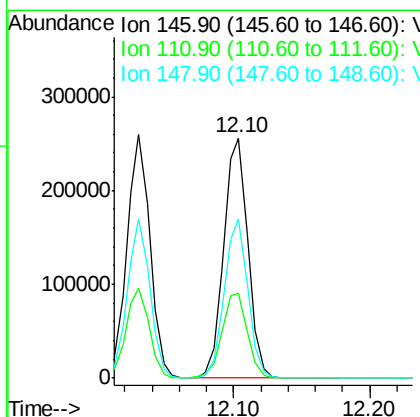
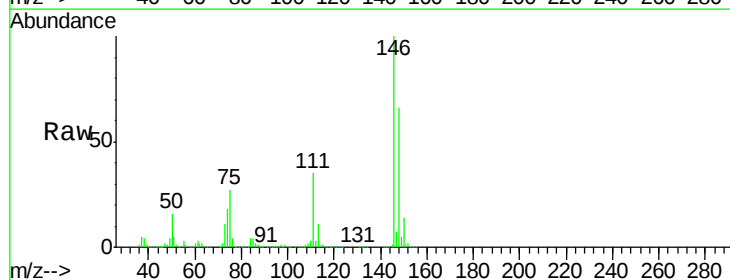
Manual Integrations
 APPROVED

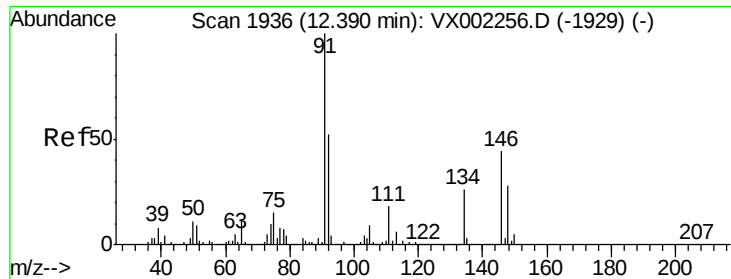
MMDadoda
 6/15/2018 1:11:55 PM



#88
 1,4-Dichlorobenzene
 Concen: 46.590 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002565.D
 Acq: 14 Jun 2018 21:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.7	56.1
148	64.6	32.4	97.0





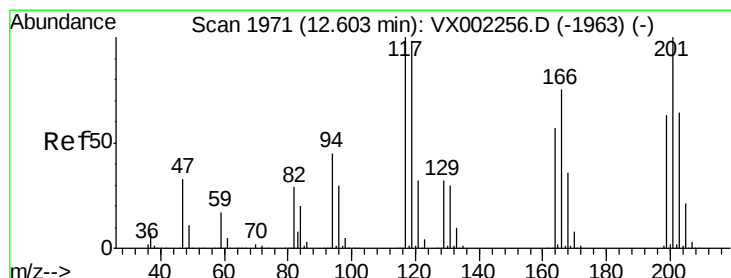
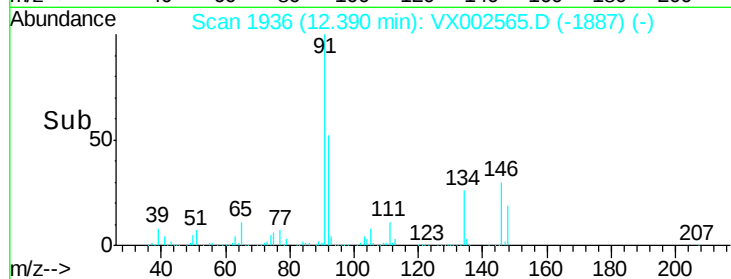
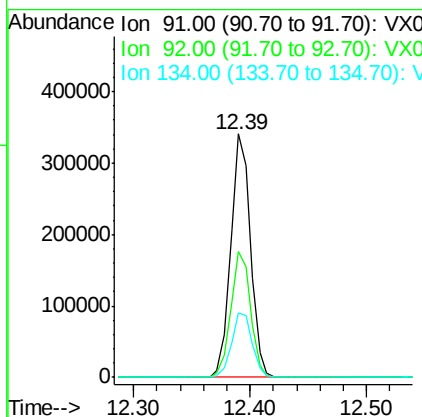
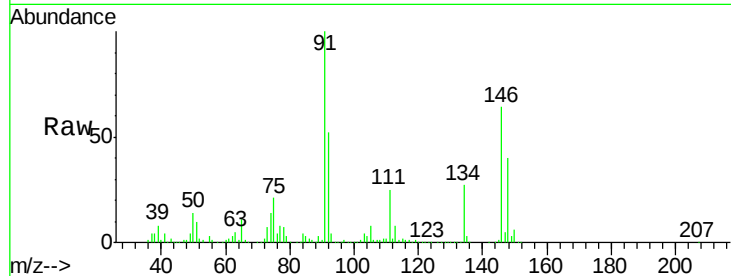
#89
n-Butylbenzene
Concen: 41.112 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.0	78.0
134	27.7	13.5	40.5

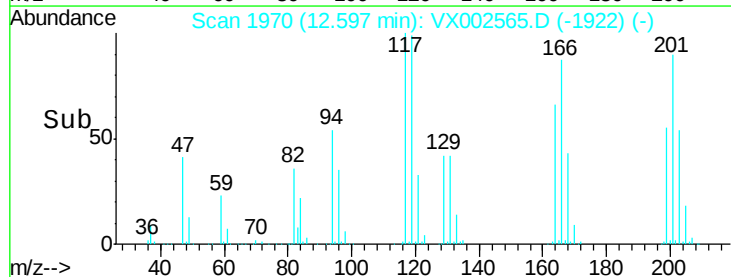
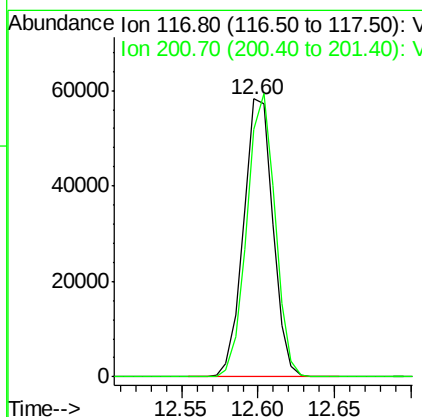
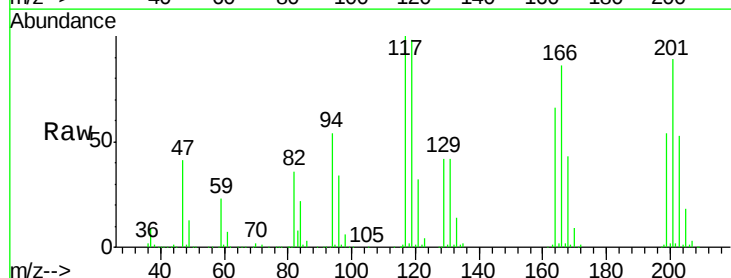
Manual Integrations
APPROVED

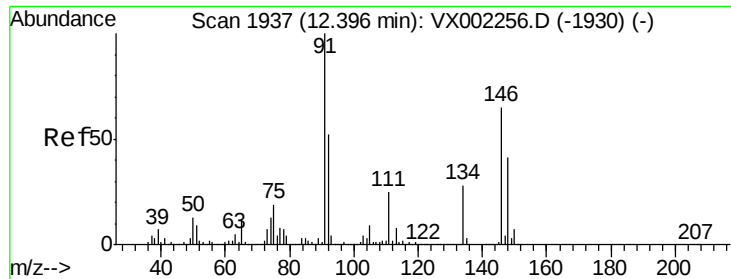
MMDadoda
6/15/2018 1:11:55 PM



#90
Hexachloroethane
Concen: 41.857 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.01 min
Lab File: VX002565.D
Acq: 14 Jun 2018 21:12

Tgt Ion	Ratio	Lower	Upper
117	100		
201	97.8	49.0	147.0





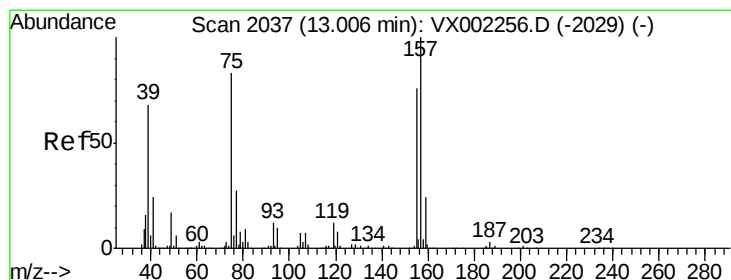
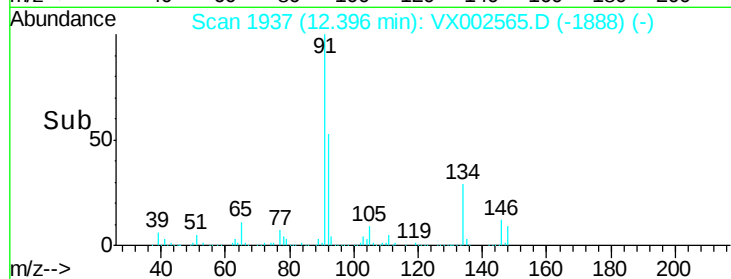
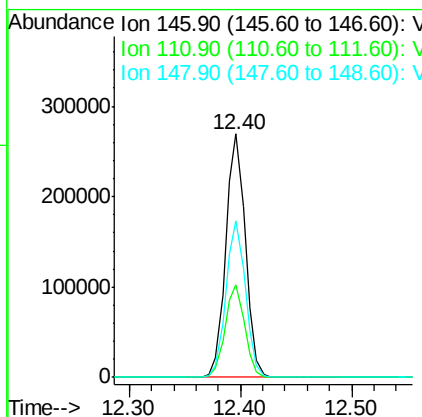
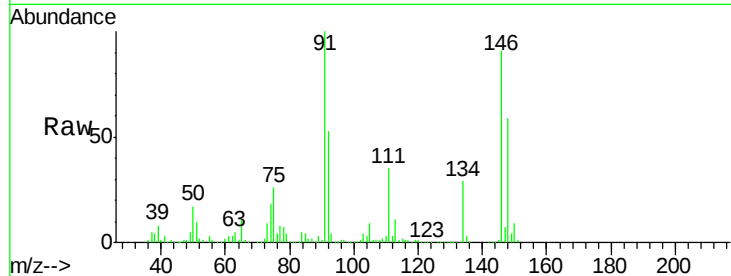
#91
 1,2-Dichlorobenzene
 Concen: 48.334 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002565.D
 Acq: 14 Jun 2018 21:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.4	58.1
148	64.2	31.7	95.1

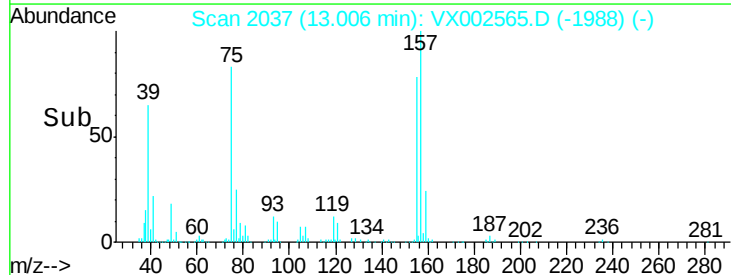
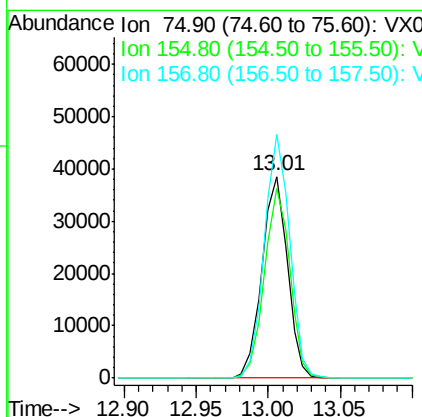
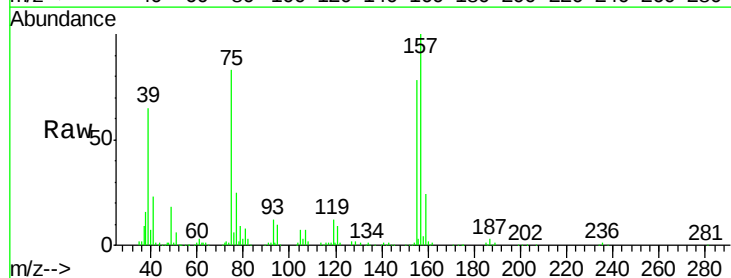
Manual Integrations
 APPROVED

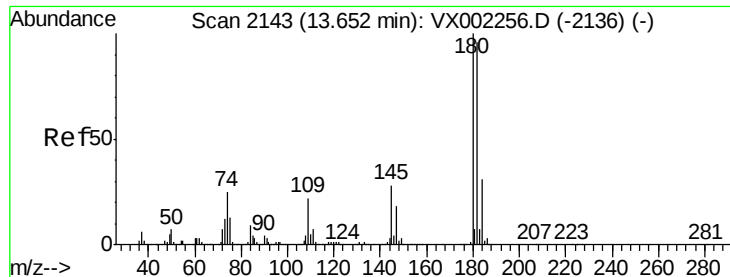
MMDadoda
 6/15/2018 1:11:55 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.330 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX002565.D
 Acq: 14 Jun 2018 21:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.1	45.8	137.4
157	120.3	60.1	180.3





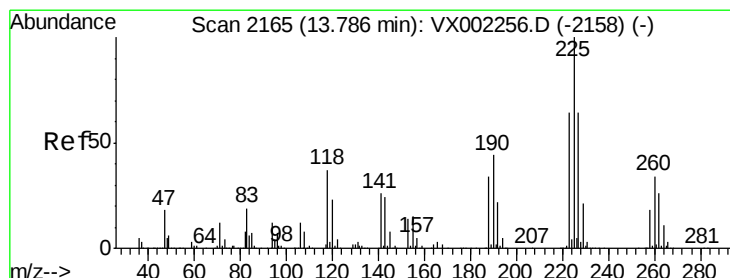
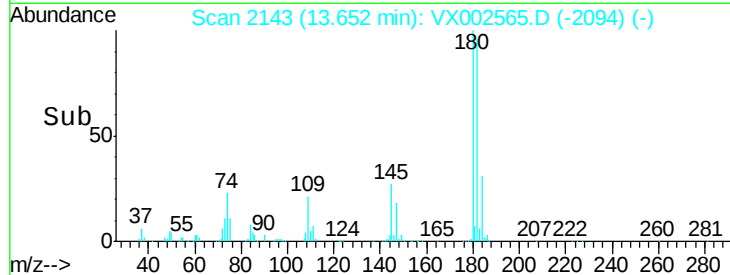
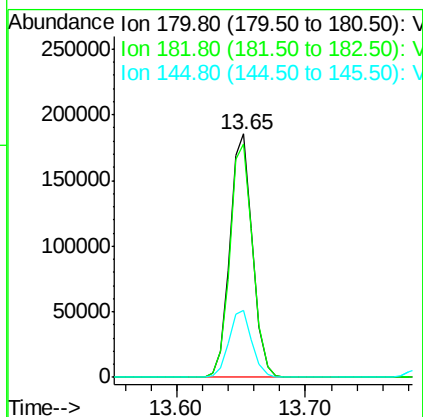
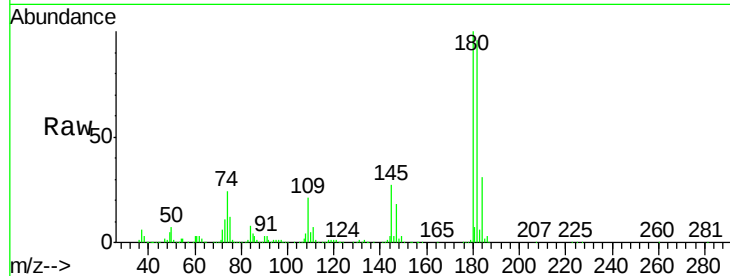
#93
 1,2,4-Trichlorobenzene
 Concen: 47.906 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002565.D
 Acq: 14 Jun 2018 21:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	227071		
182	97.0	47.7	143.1	
145	28.0	14.1	42.4	

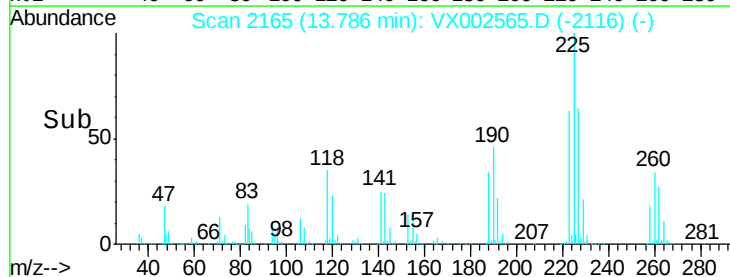
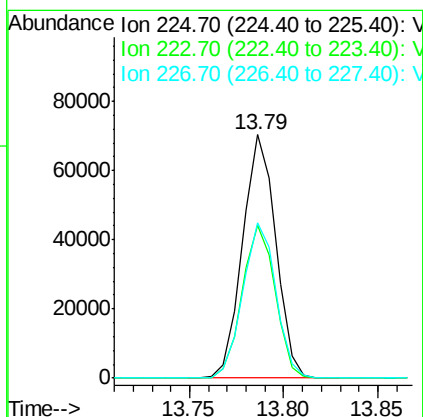
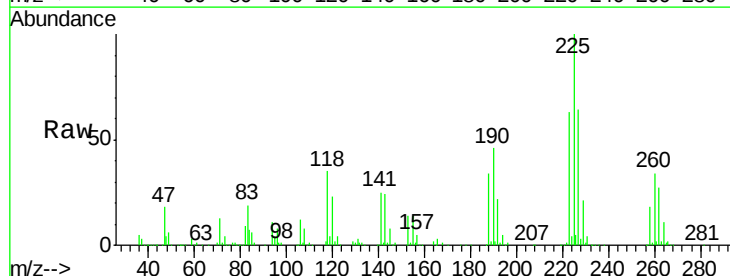
Manual Integrations
 APPROVED

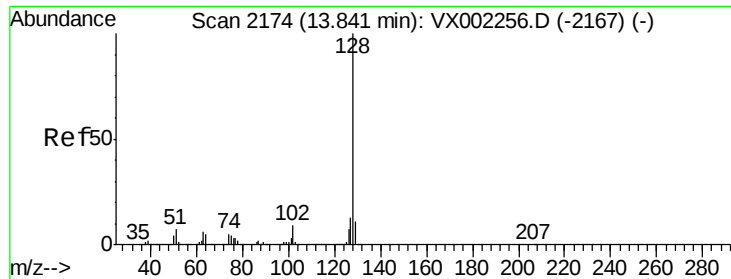
MMDadoda
 6/15/2018 1:11:55 PM



#94
 Hexachlorobutadiene
 Concen: 36.661 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002565.D
 Acq: 14 Jun 2018 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	85870		
223	62.3	31.6	95.0	
227	63.7	32.4	97.2	





#95

Naphthalene

Concen: 52.273 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Instrument :

MSVOA_X

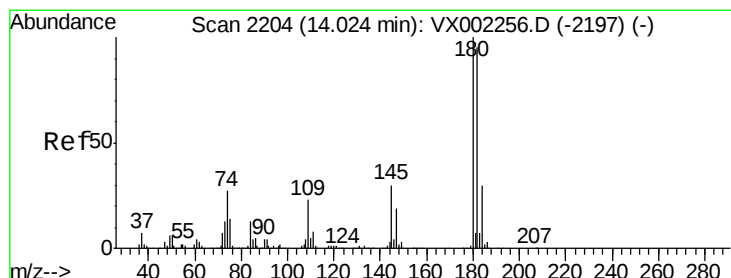
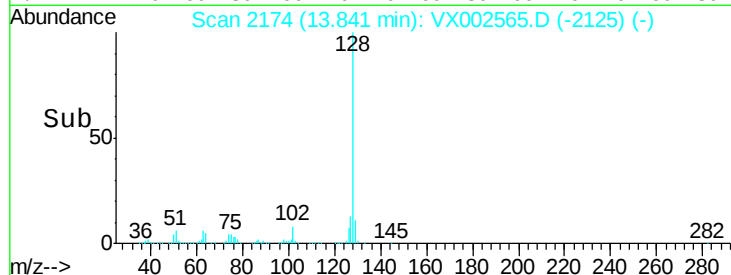
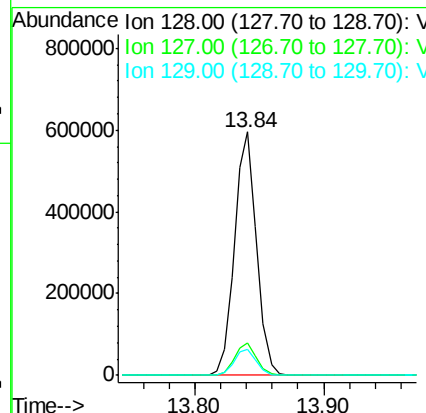
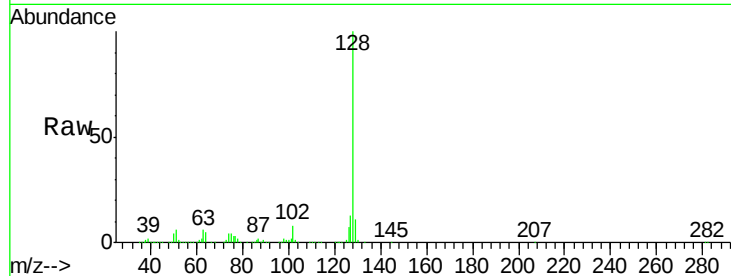
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	711899
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/15/2018 1:11:55 PM



#96

1,2,3-Trichlorobenzene

Concen: 49.451 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002565.D

Acq: 14 Jun 2018 21:12

Tgt Ion:	180	Resp:	239049
Ion Ratio	Lower	Upper	
180	100		
182	96.2	48.0	144.0
145	29.8	14.8	44.3

