

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062818\
 Data File : VX003007.D
 Acq On : 29 Jun 2018 01:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/29/2018 12:22:51 PM

Quant Time: Jun 29 08:02:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	273370	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	380516	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	362336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	225853	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	188414	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
35) Dibromofluoromethane	5.51	113	152506	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
50) Toluene-d8	8.72	98	546756	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
62) 4-Bromofluorobenzene	11.14	95	210025	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	152262	62.46	ug/l	98
3) Chloromethane	1.32	50	143968	56.98	ug/l	98
4) Vinyl Chloride	1.41	62	158555	51.29	ug/l	92
5) Bromomethane	1.64	94	73383	50.90	ug/l	99
6) Chloroethane	1.71	64	102569	56.84	ug/l	99
7) Trichlorofluoromethane	1.93	101	254436	48.79	ug/l	98
8) Diethyl Ether	2.19	74	92703	48.90	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	142487	47.15	ug/l	98
10) Methyl Iodide	2.51	142	117353	39.75	ug/l	100
11) Tert butyl alcohol	3.08	59	173374	230.33	ug/l	99
12) 1,1-Dichloroethene	2.37	96	131839	48.90	ug/l	95
13) Acrolein	2.29	56	81194	195.51	ug/l	100
14) Allyl chloride	2.73	41	254395	47.87	ug/l	97
15) Acrylonitrile	3.15	53	393821	244.95	ug/l	99
16) Acetone	2.45	43	363654	232.40	ug/l	98
17) Carbon Disulfide	2.57	76	375002	52.20	ug/l	98
18) Methyl Acetate	2.78	43	191965	43.88	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	470263	48.52	ug/l	99
20) Methylene Chloride	2.86	84	144741	47.53	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	139351	47.46	ug/l	96
22) Diisopropyl ether	3.88	45	508040	50.01	ug/l	99
23) Vinyl Acetate	3.83	43	2222727	258.39	ug/l	99
24) 1,1-Dichloroethane	3.70	63	278100	50.37	ug/l	100
25) 2-Butanone	4.71	43	589507	253.85	ug/l	97
26) 2,2-Dichloropropane	4.59	77	165066	36.77	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	164655	50.01	ug/l	93
28) Bromochloromethane	5.02	49	131027	49.58	ug/l	93
29) Tetrahydrofuran	5.17	42	378351	254.06	ug/l	97
30) Chloroform	5.22	83	285110	50.32	ug/l	99
31) Cyclohexane	5.58	56	233598	49.30	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	253571	50.86	ug/l	99
36) 1,1-Dichloropropene	5.81	75	206412	49.47	ug/l	99
37) Ethyl Acetate	4.87	43	232567	51.76	ug/l	100
38) Carbon Tetrachloride	5.79	117	227956	49.78	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062818\
 Data File : VX003007.D
 Acq On : 29 Jun 2018 01:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/29/2018 12:22:51 PM

Quant Time: Jun 29 08:02:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	224245	46.14	ug/l	98
40) Benzene	6.15	78	606306	50.01	ug/l	99
41) Methacrylonitrile	5.07	41	131568	50.85	ug/l	98
42) 1,2-Dichloroethane	6.20	62	236191	48.23	ug/l	100
43) Isopropyl Acetate	6.47	43	375151	49.79	ug/l	98
44) Trichloroethene	7.21	130	178668	49.43	ug/l	100
45) 1,2-Dichloropropane	7.52	63	159479	49.59	ug/l	100
46) Dibromomethane	7.67	93	110761	49.62	ug/l	96
47) Bromodichloromethane	7.90	83	213222	51.67	ug/l	99
48) Methyl methacrylate	7.78	41	196263	50.55	ug/l	96
49) 1,4-Dioxane	7.76	88	76774	1016.36	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1217919	258.34	ug/l	98
52) Toluene	8.79	92	393846	50.71	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	235184	50.33	ug/l	97
54) cis-1,3-Dichloropropene	9.04	75	220851	49.12	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	161780	50.69	ug/l	99
56) Ethyl methacrylate	9.18	69	248811	53.34	ug/l	95
57) 1,3-Dichloropropane	9.38	76	261620	49.91	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	579847	257.67	ug/l	98
59) 2-Hexanone	9.50	43	934215	260.73	ug/l	97
60) Dibromochloromethane	9.59	129	175538	52.24	ug/l	100
61) 1,2-Dibromoethane	9.68	107	171485	51.22	ug/l	99
64) Tetrachloroethene	9.34	164	198687	49.31	ug/l	99
65) Chlorobenzene	10.14	112	454148	49.35	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	170175	50.90	ug/l	100
67) Ethyl Benzene	10.26	91	770411	50.67	ug/l	100
68) m/p-Xylenes	10.36	106	599313	102.28	ug/l	99
69) o-Xylene	10.70	106	291577	51.11	ug/l	99
70) Styrene	10.71	104	489787	52.83	ug/l	99
71) Bromoform	10.86	173	138626	46.21	ug/l	98
73) Isopropylbenzene	11.02	105	772401	50.84	ug/l	100
74) N-amyl acetate	6.47	43	375151	50.46	ug/l	# 98
75) 1,1,2,2-Tetrachloroethane	11.27	83	245280	52.41	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	210023m	51.34	ug/l	
77) Bromobenzene	11.26	156	219424	50.71	ug/l	98
78) n-propylbenzene	11.37	91	867133	50.14	ug/l	99
79) 2-Chlorotoluene	11.43	91	530527	50.67	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	649005	50.72	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	59015	42.40	ug/l	99
82) 4-Chlorotoluene	11.51	91	621279	50.12	ug/l	99
83) tert-Butylbenzene	11.77	119	634387	50.30	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	672095	50.69	ug/l	99
85) sec-Butylbenzene	11.95	105	746331	48.78	ug/l	100
86) p-Isopropyltoluene	12.07	119	680163	49.45	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	393488	49.79	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	396167	48.71	ug/l	99
89) n-Butylbenzene	12.39	91	565200	47.21	ug/l	99
90) Hexachloroethane	12.60	117	95451	46.65	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	400561	50.22	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53606	50.95	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062818\
Data File : VX003007.D
Acq On : 29 Jun 2018 01:24
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

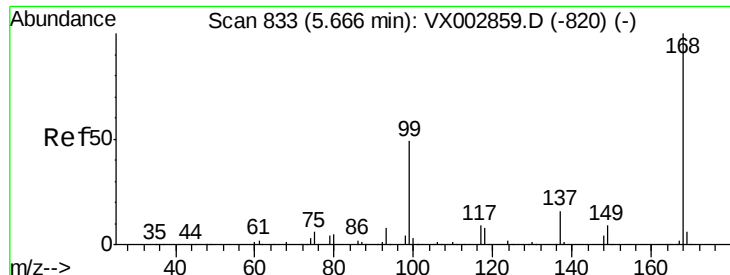
Manual Integrations
APPROVED

MMDadoda
6/29/2018 12:22:51 PM

Quant Time: Jun 29 08:02:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	280608	48.34	ug/l	99
94) Hexachlorobutadiene	13.79	225	138516	47.84	ug/l	99
95) Naphthalene	13.84	128	836153	54.08	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	288972	49.84	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 273370

Ion Ratio Lower Upper

168 100

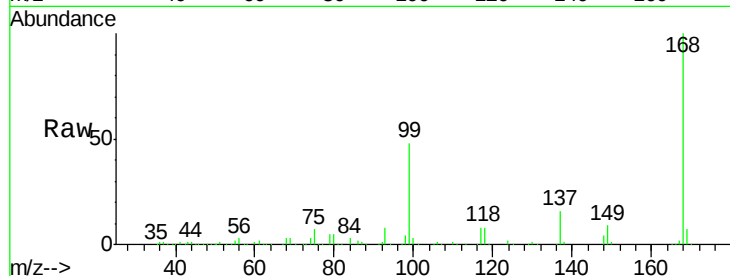
99 48.2 39.3 58.9

Manual Integrations

APPROVED

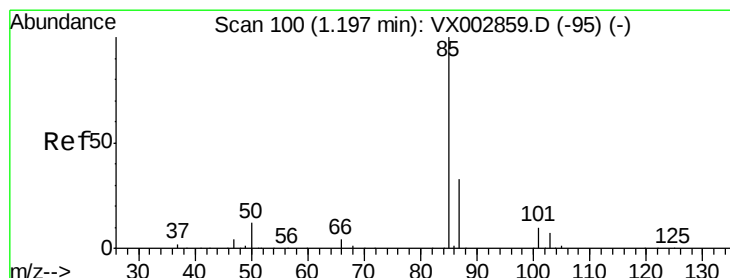
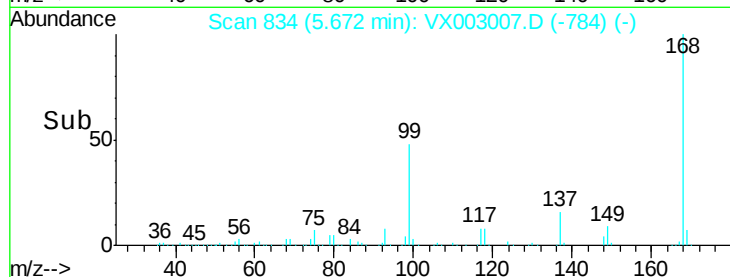
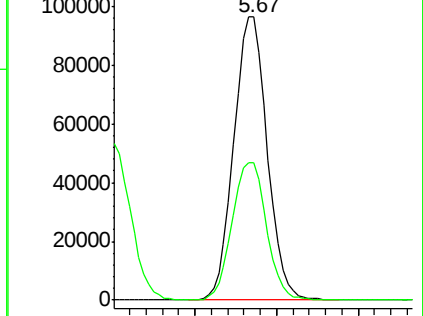
MMDadoda

6/29/2018 12:22:51 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 62.46 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003007.D

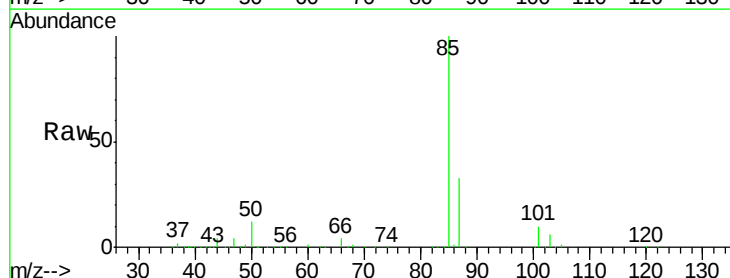
Acq: 29 Jun 2018 01:24

Tgt Ion: 85 Resp: 152262

Ion Ratio Lower Upper

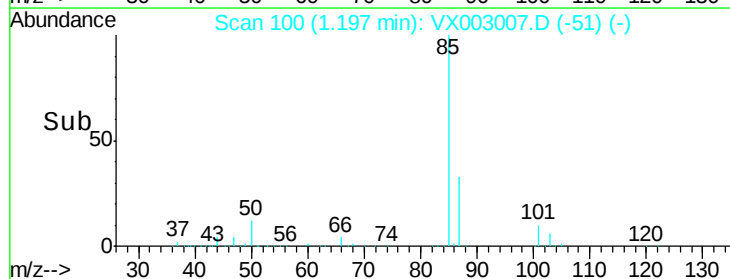
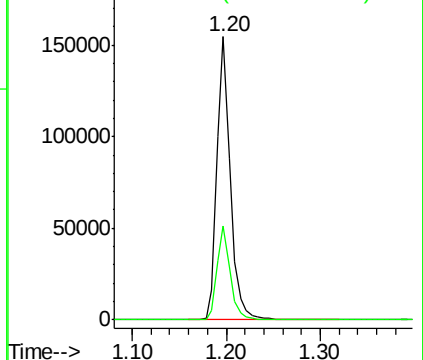
85 100

87 33.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 56.98 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 143968

Ion Ratio Lower Upper

50 100

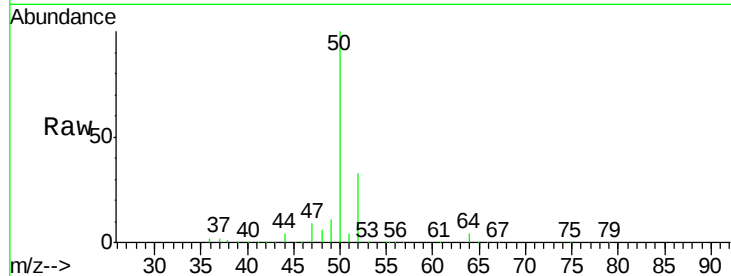
52 33.2 25.7 38.5

Manual Integrations

APPROVED

MMDadoda

6/29/2018 12:22:51 PM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

150000

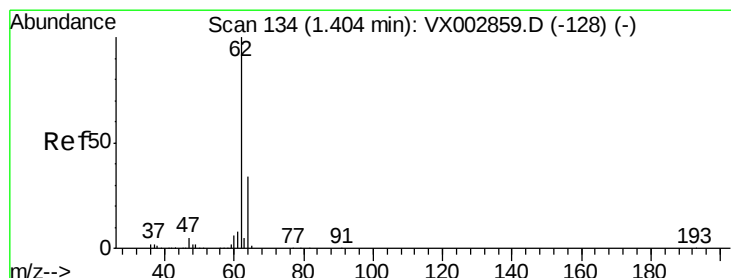
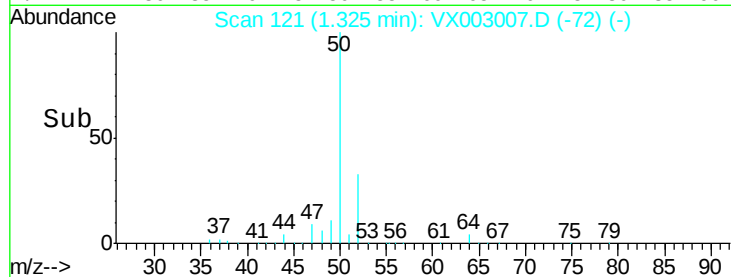
100000

50000

0

1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 51.29 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX003007.D

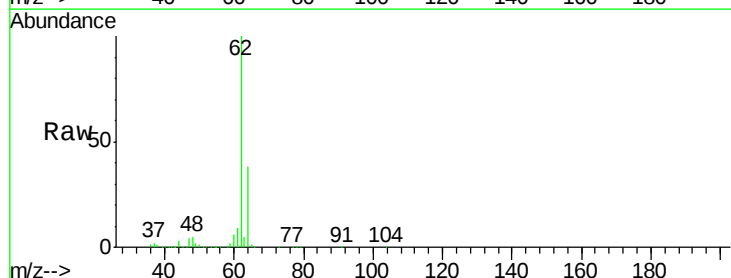
Acq: 29 Jun 2018 01:24

Tgt Ion: 62 Resp: 158555

Ion Ratio Lower Upper

62 100

64 36.5 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

150000

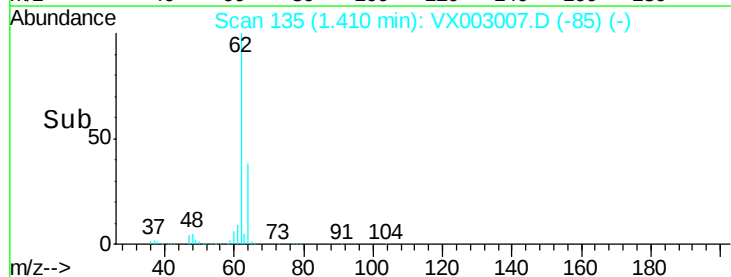
100000

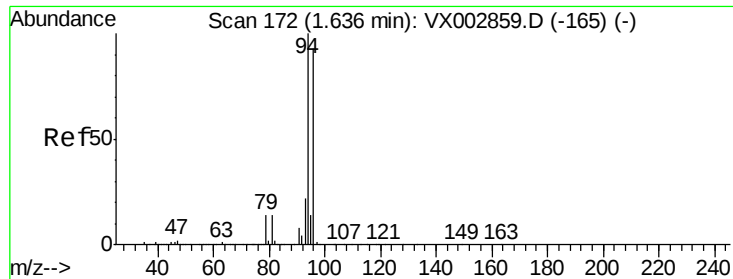
50000

0

1.35 1.40 1.45 1.50

Time-->





#5

Bromomethane

Concen: 50.90 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 73383

Ion Ratio Lower Upper

94 100

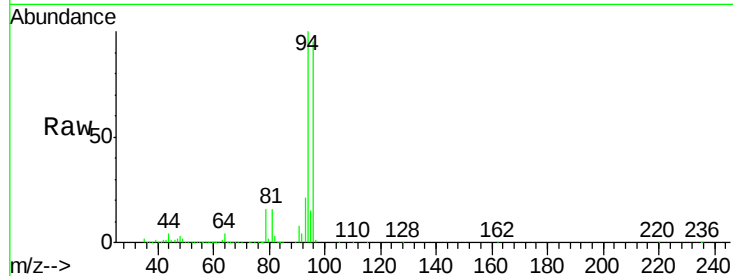
96 94.6 74.9 112.3

Manual Integrations

APPROVED

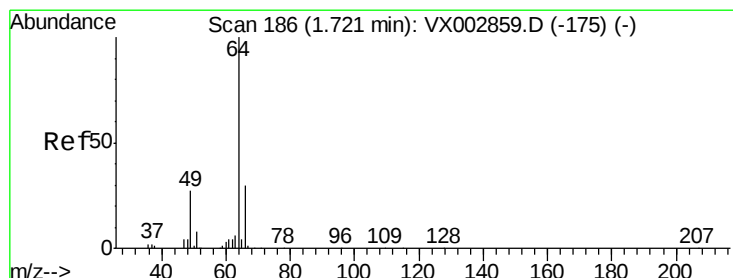
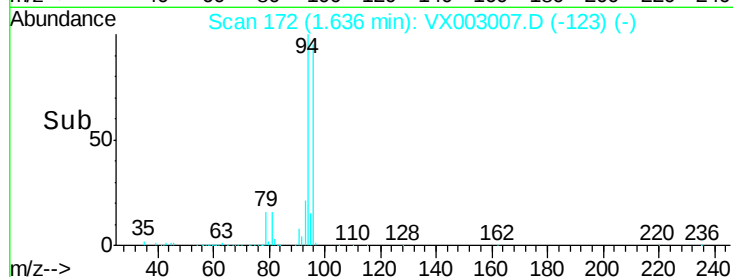
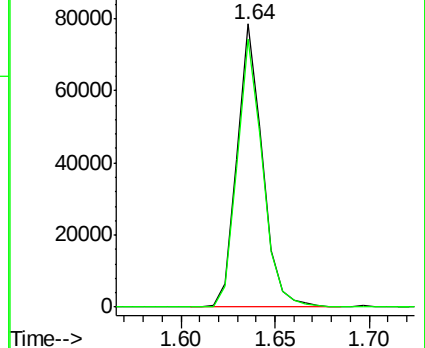
MMDadoda

6/29/2018 12:22:51 PM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 56.84 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX003007.D

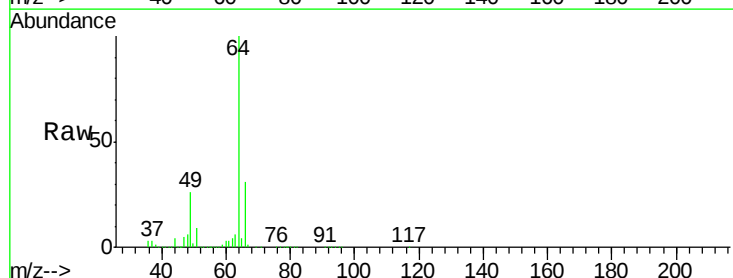
Acq: 29 Jun 2018 01:24

Tgt Ion: 64 Resp: 102569

Ion Ratio Lower Upper

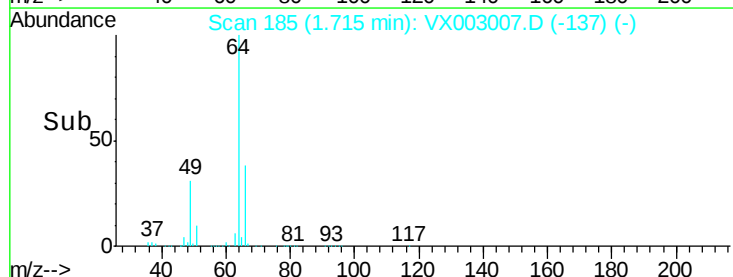
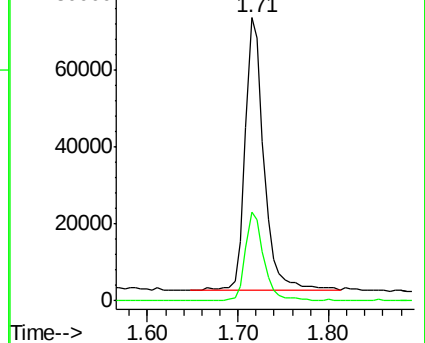
64 100

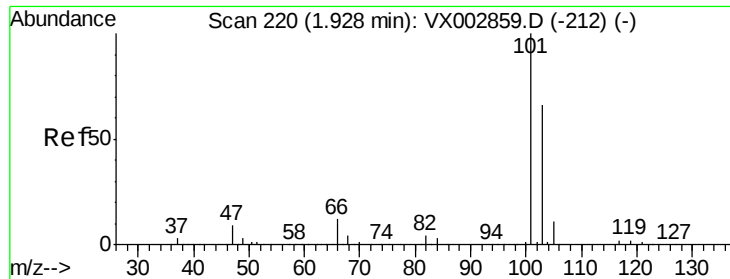
66 32.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 48.79 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:101 Resp: 254436

Ion Ratio Lower Upper

101 100

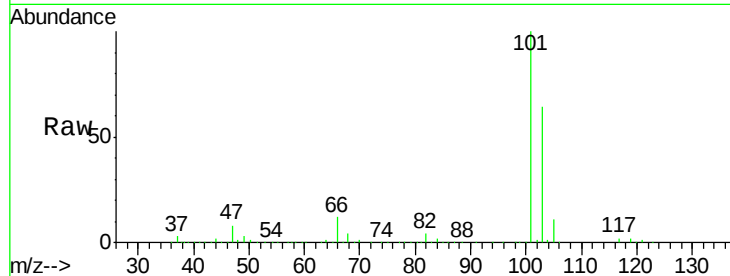
103 64.5 52.8 79.2

Manual Integrations

APPROVED

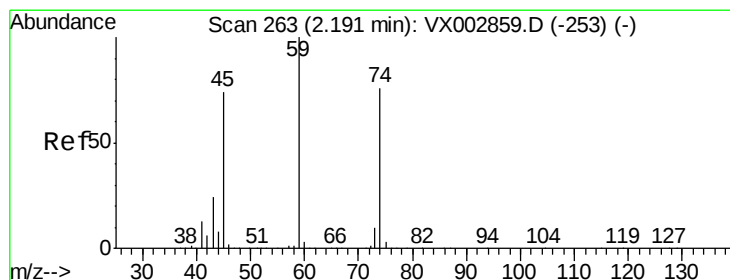
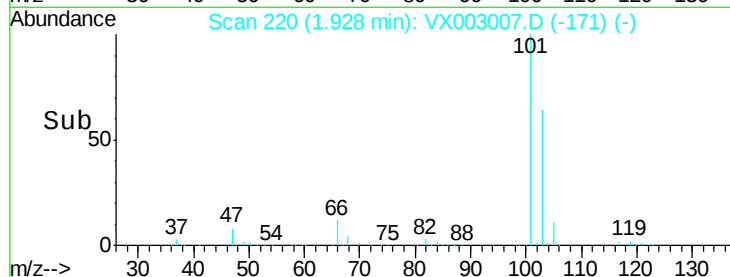
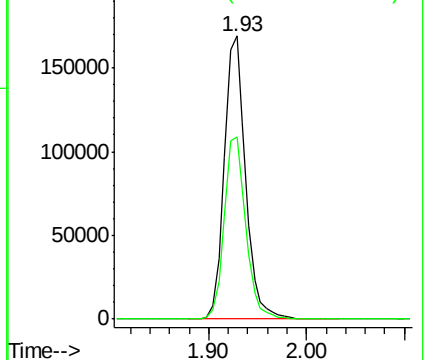
MMDadoda

6/29/2018 12:22:51 PM



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 48.90 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX003007.D

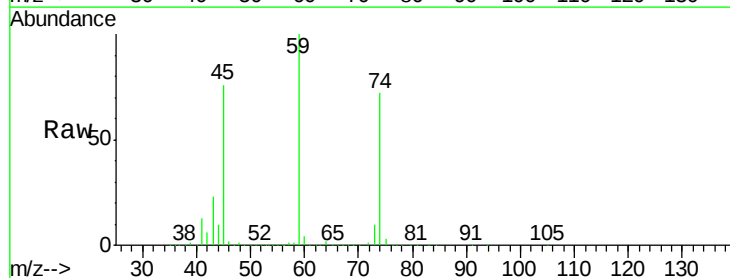
Acq: 29 Jun 2018 01:24

Tgt Ion: 74 Resp: 92703

Ion Ratio Lower Upper

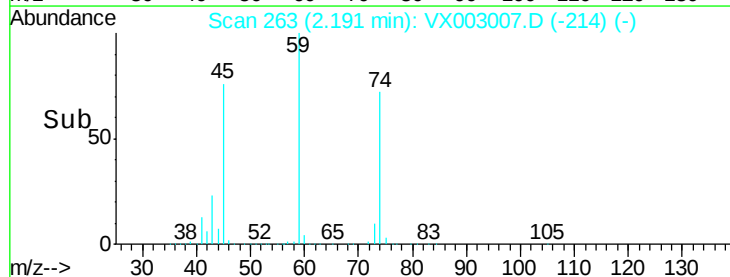
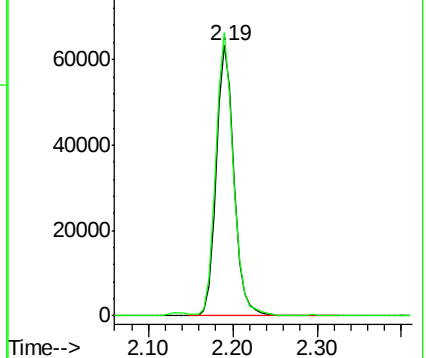
74 100

45 103.2 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.15 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

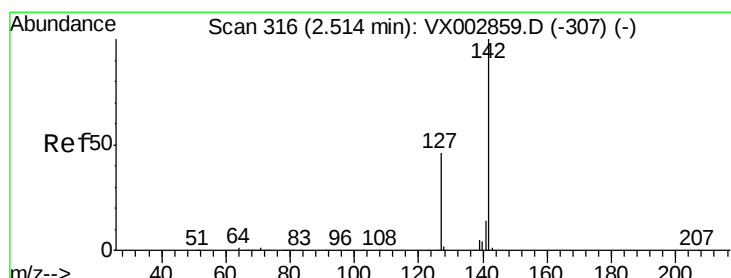
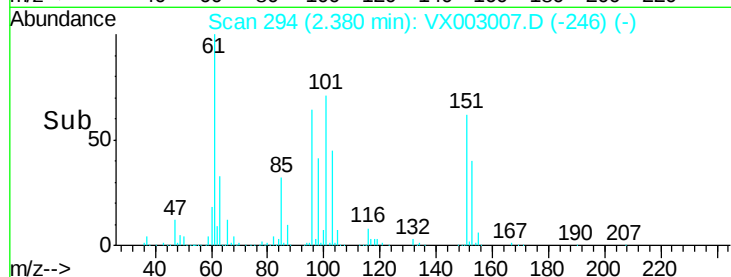
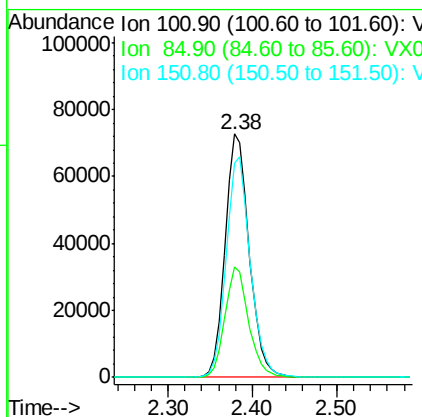
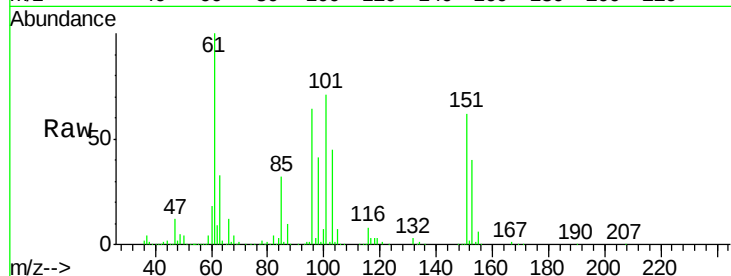
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	142487
Ion Ratio	Lower	Upper	
101	100		
85	44.6	36.0	54.0
151	90.7	70.9	106.3

Manual Integrations
APPROVED

MMDadoda
6/29/2018 12:22:51 PM



#10

Methyl Iodide

Concen: 39.75 ug/l

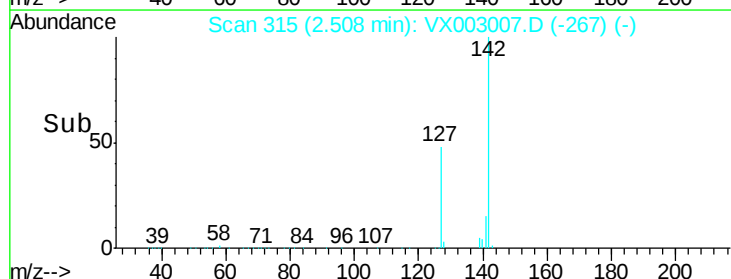
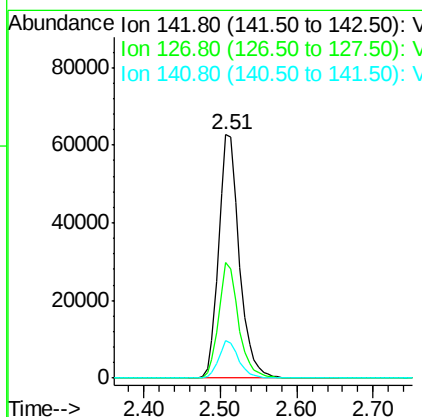
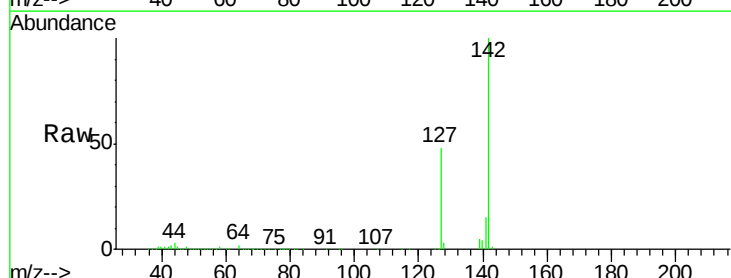
RT: 2.51 min Scan# 315

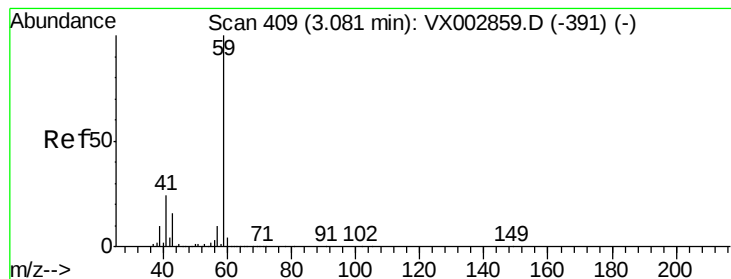
Delta R.T. -0.01 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Tgt Ion:	142	Resp:	117353
Ion Ratio	Lower	Upper	
142	100		
127	45.8	36.6	55.0
141	14.8	11.3	16.9





#11

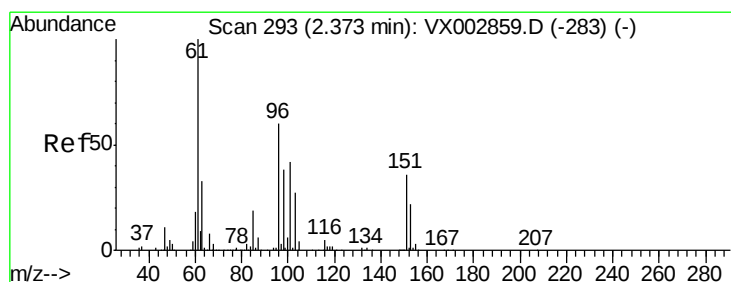
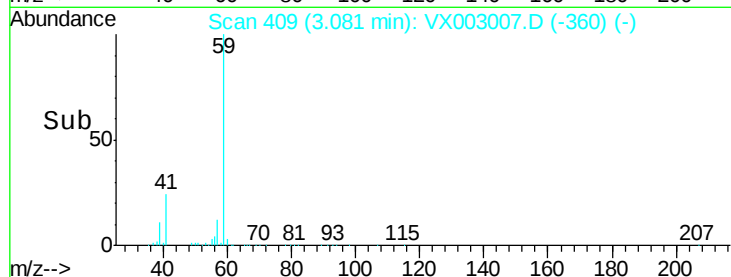
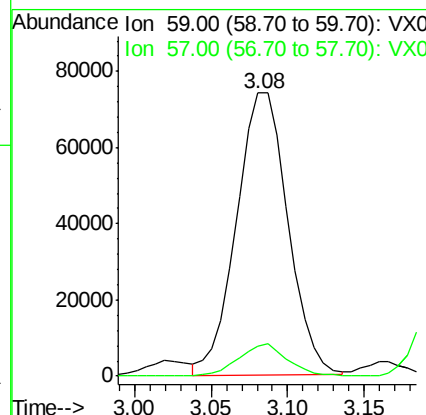
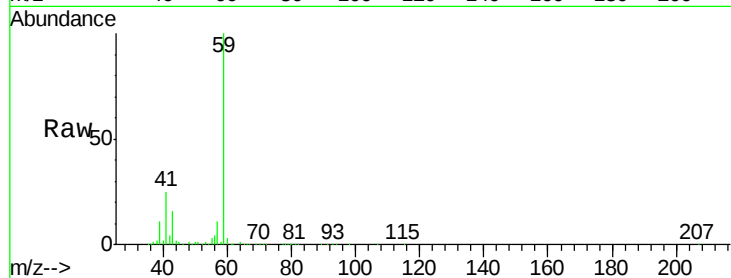
Tert butyl alcohol
 Concen: 230.33 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: VX003007.D
 Acq: 29 Jun 2018 01:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	10.6	8.2	12.2

Manual Integrations
 APPROVED

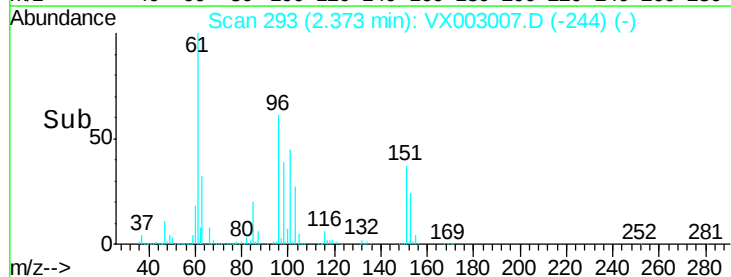
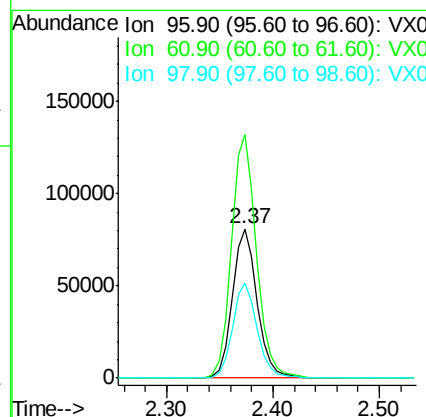
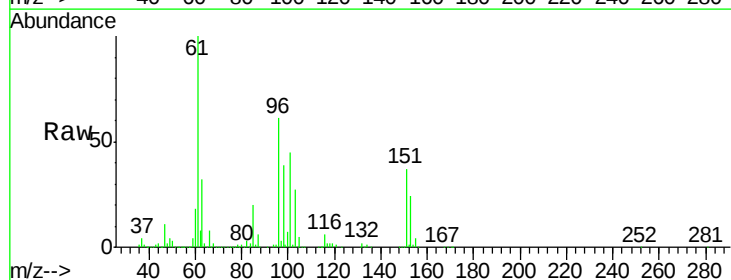
MMDadoda
 6/29/2018 12:22:51 PM



#12

1,1-Dichloroethene
 Concen: 48.90 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX003007.D
 Acq: 29 Jun 2018 01:24

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	162.8	137.9	206.9
98	98	64.0	51.6	77.4





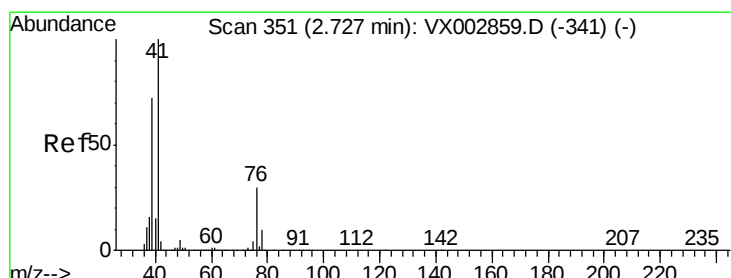
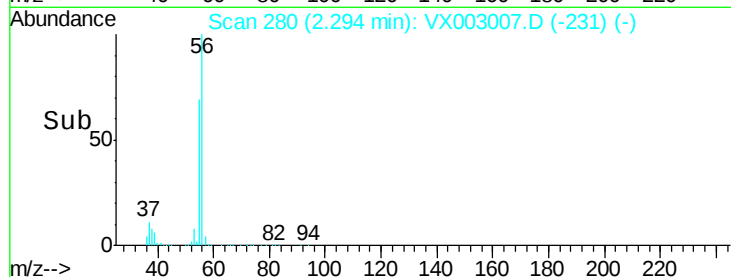
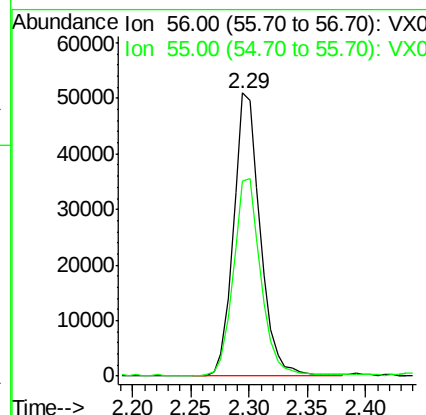
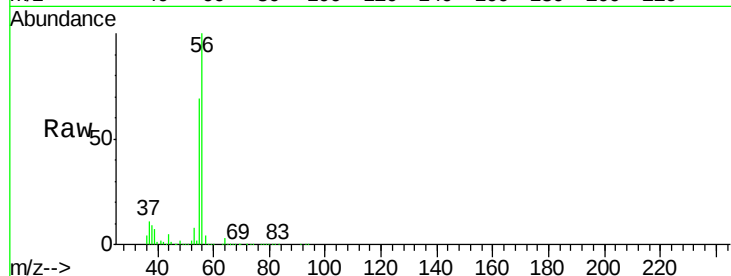
#13
Acrolein
Concen: 195.51 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	81194
Ion Ratio	100	Lower	Upper
55	71.0	57.0	85.4

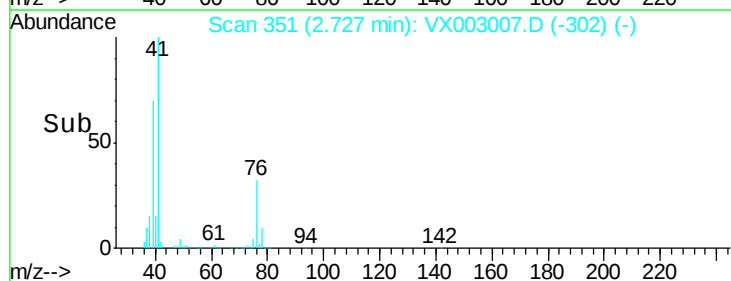
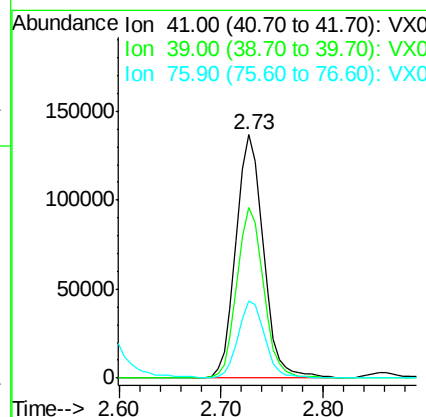
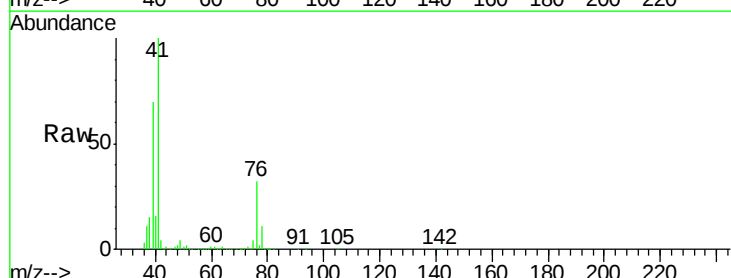
Manual Integrations
APPROVED

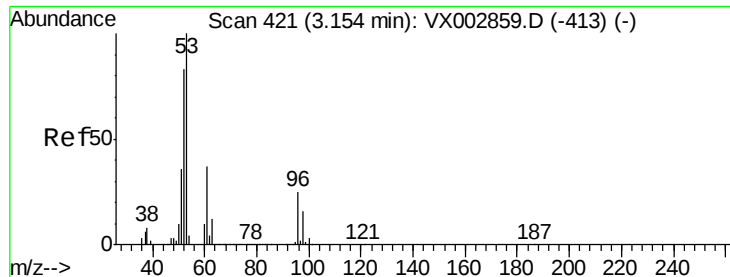
MMDadoda
6/29/2018 12:22:51 PM



#14
Allyl chloride
Concen: 47.87 ug/l
RT: 2.73 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

Tgt Ion	41	Resp	254395
Ion Ratio	100	Lower	Upper
39	67.9	56.8	85.2
76	30.4	23.8	35.8





#15

Acrylonitrile

Concen: 244.95 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

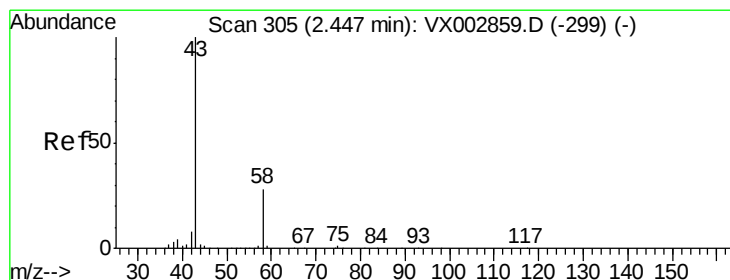
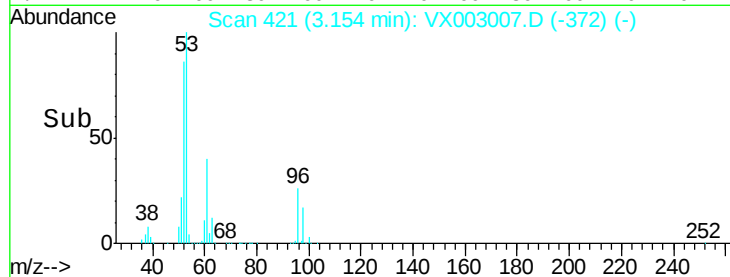
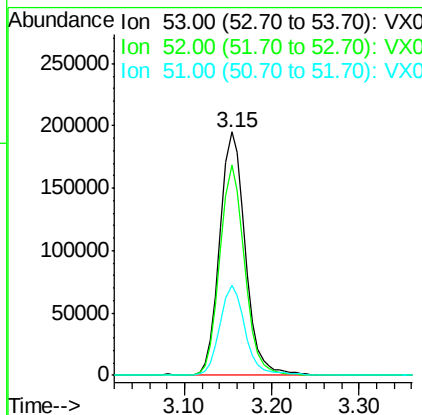
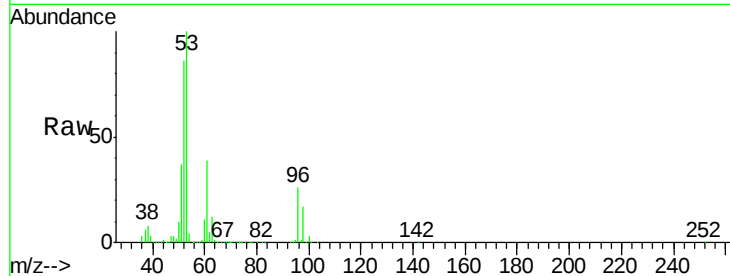
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	393821
Ion	Ratio	Lower	Upper
53	100		
52	84.2	66.7	100.1
51	36.8	29.9	44.9

Manual Integrations
APPROVED

MMDadoda
6/29/2018 12:22:51 PM



#16

Acetone

Concen: 232.40 ug/l

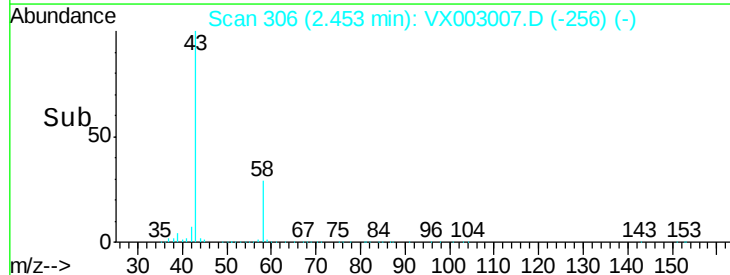
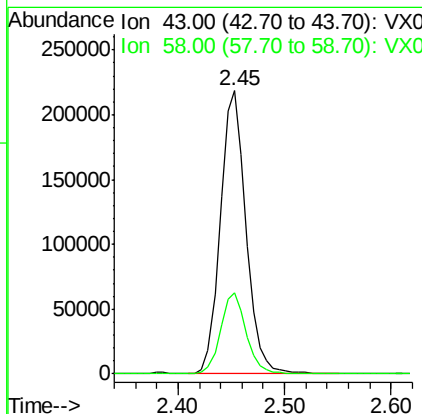
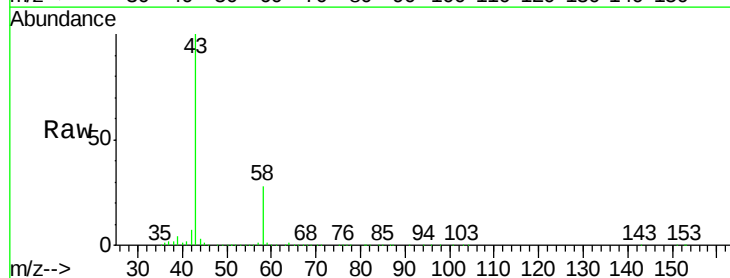
RT: 2.45 min Scan# 306

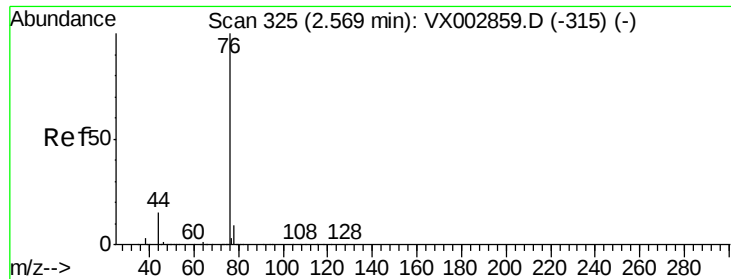
Delta R.T. 0.01 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Tgt Ion:	43	Resp:	363654
Ion	Ratio	Lower	Upper
43	100		
58	28.5	22.1	33.1





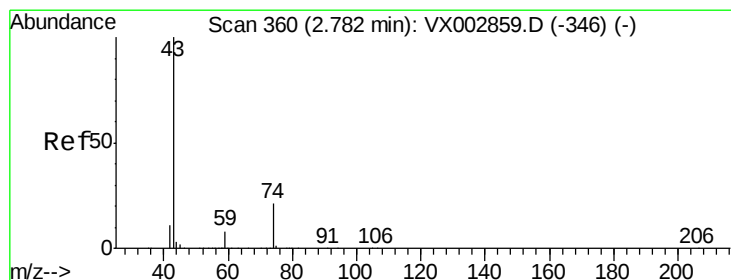
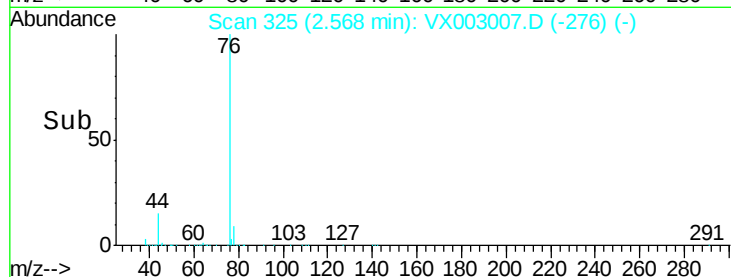
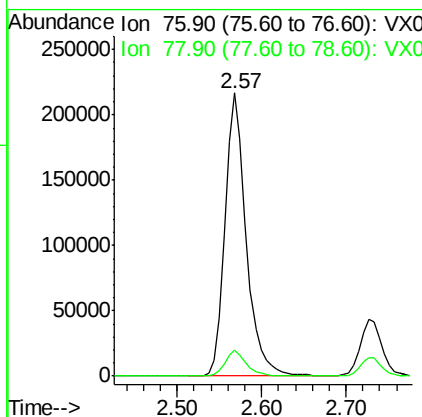
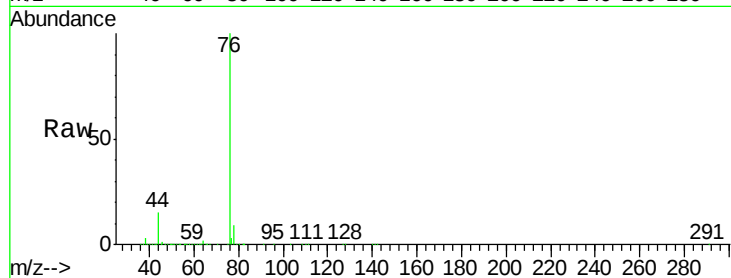
#17
Carbon Disulfide
Concen: 52.20 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	6.9	10.3

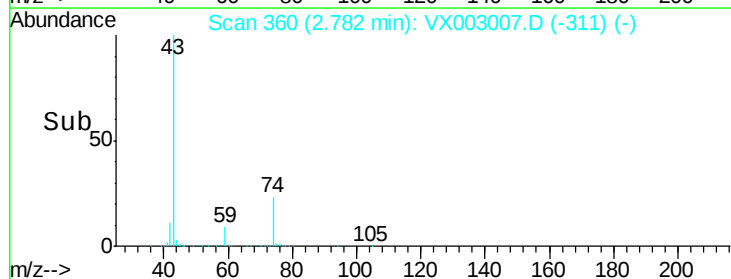
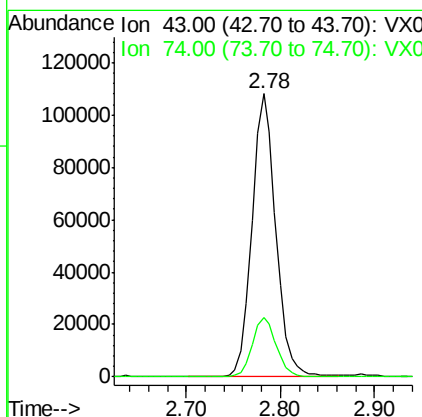
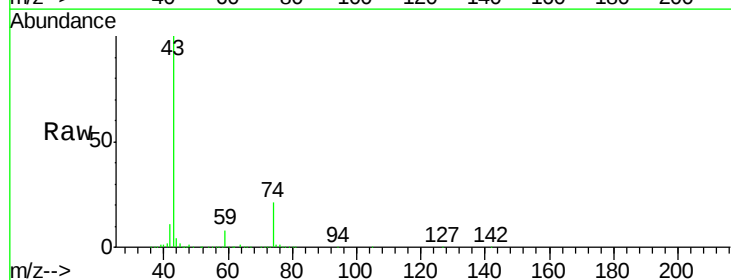
Manual Integrations
APPROVED

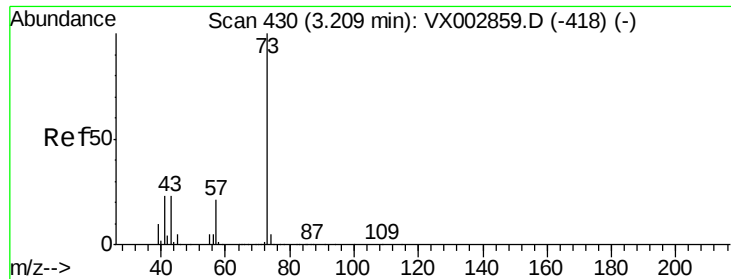
MMDadoda
6/29/2018 12:22:51 PM



#18
Methyl Acetate
Concen: 43.88 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.1	16.7	25.1





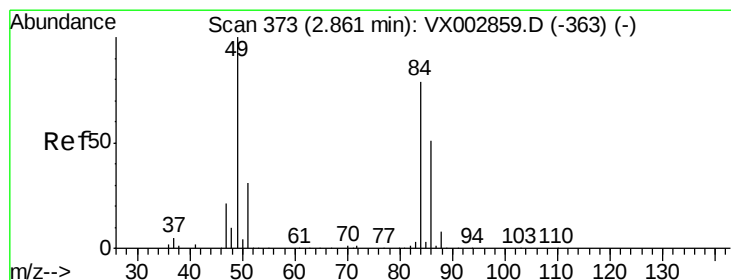
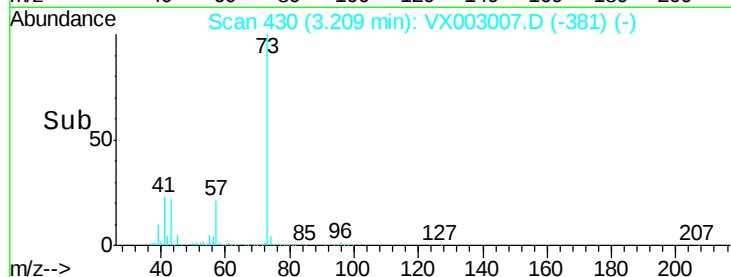
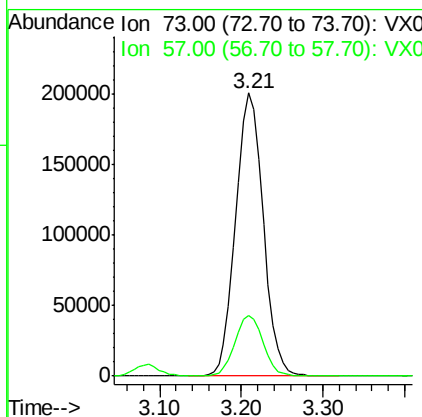
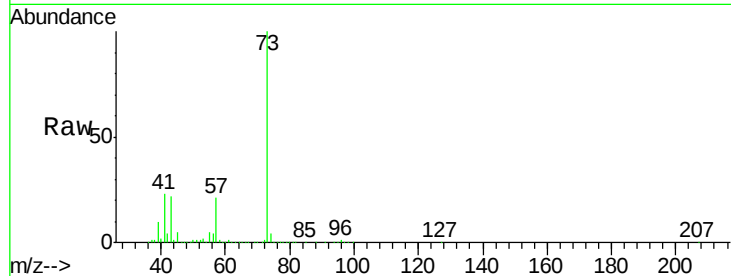
#19
Methvl tert-butvl Ether
Concen: 48.52 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 470263
Ion Ratio Lower Upper
73 100
57 21.4 17.7 26.5

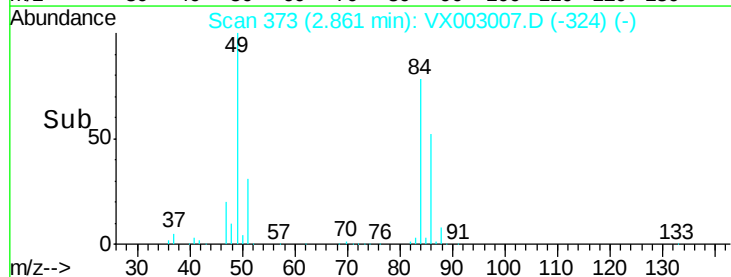
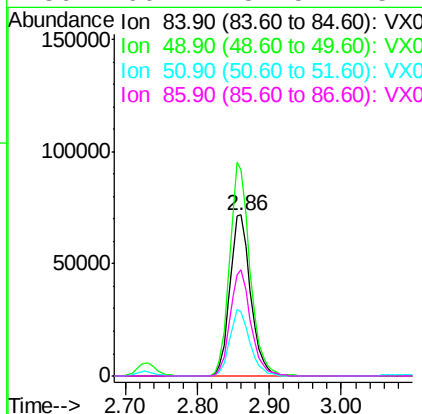
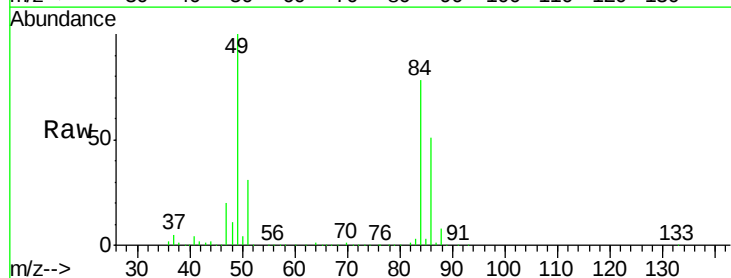
Manual Integrations
APPROVED

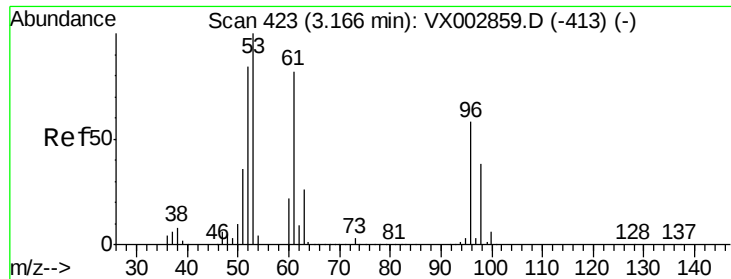
MMDadoda
6/29/2018 12:22:51 PM



#20
Methylene Chloride
Concen: 47.53 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

Tgt Ion: 84 Resp: 144741
Ion Ratio Lower Upper
84 100
49 128.2 107.8 161.6
51 39.4 32.8 49.2
86 66.1 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 47.46 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

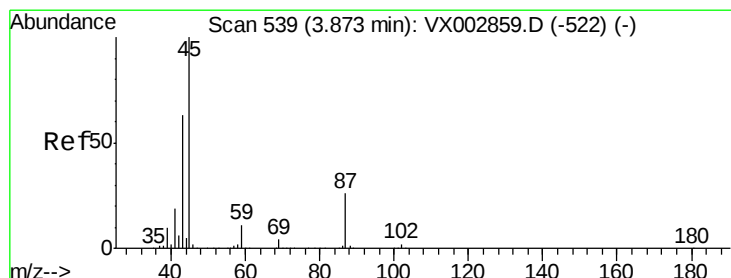
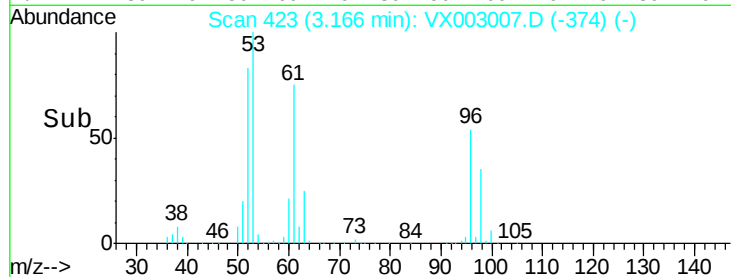
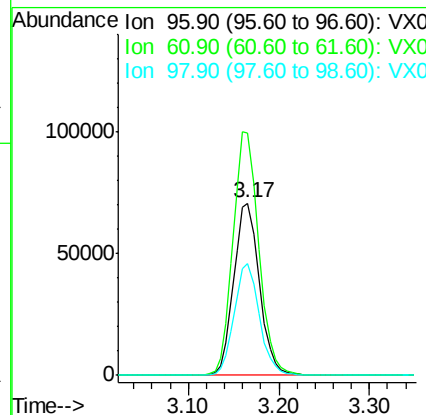
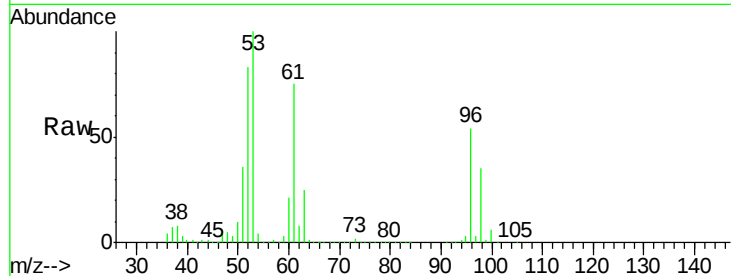
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	139351
Ion	Ratio	Lower	Upper
96	100		
61	140.0	117.0	175.4
98	65.0	52.4	78.6

Manual Integrations
APPROVED

MMDadoda
6/29/2018 12:22:51 PM



#22

Diisopropyl ether

Concen: 50.01 ug/l

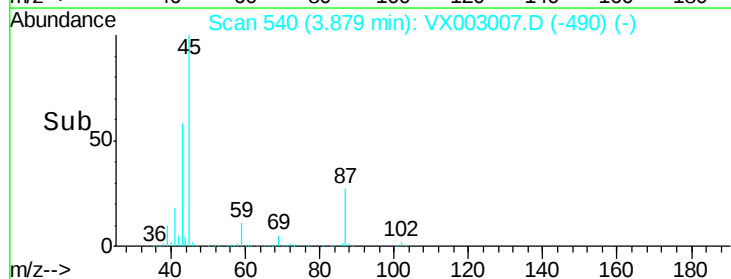
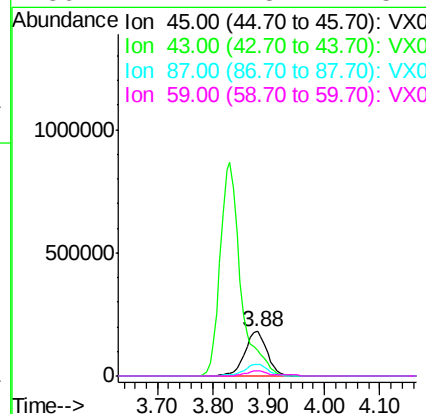
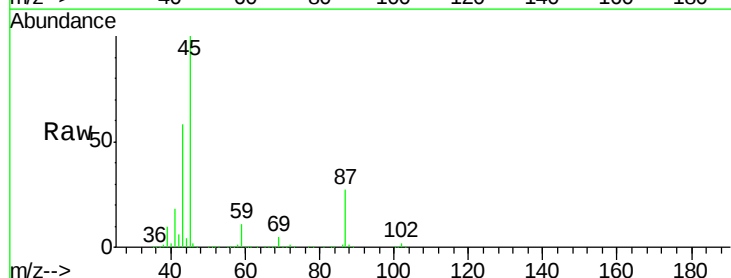
RT: 3.88 min Scan# 540

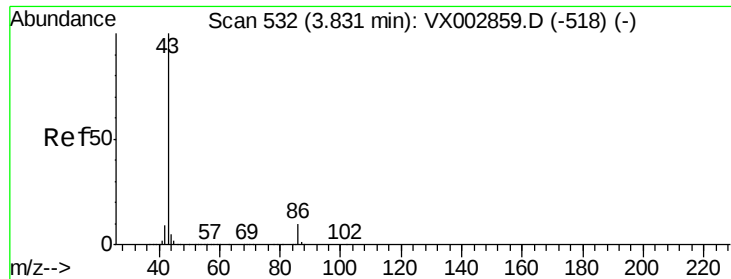
Delta R.T. 0.01 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Tgt Ion:	45	Resp:	508040
Ion	Ratio	Lower	Upper
45	100		
43	58.0	46.8	70.2
87	26.7	20.2	30.4
59	11.2	8.7	13.1





#23

Vinyl Acetate

Concen: 258.39 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Tot Ion: 43 Resp: 2222727

Ion Ratio Lower Upper

43 100

86 9.7 7.4 11.0

Instrument :

MSVOA_X

ClientSampleId :

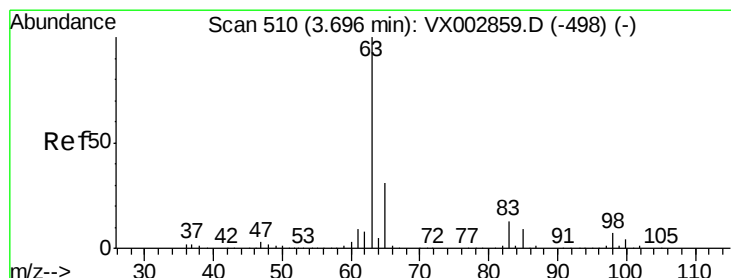
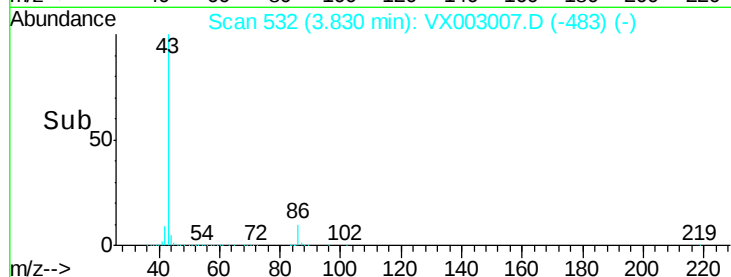
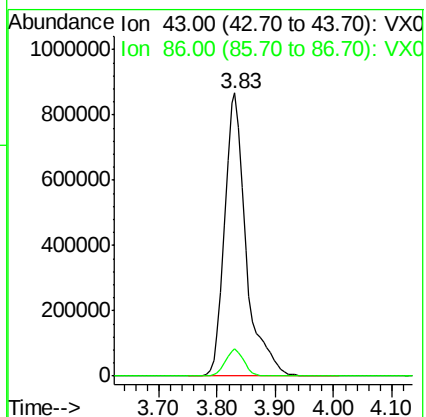
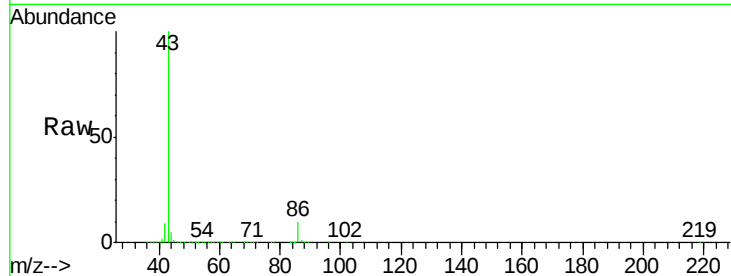
VSTDCCC050

Manual Integrations

APPROVED

MMDadoda

6/29/2018 12:22:51 PM



#24

1,1-Dichloroethane

Concen: 50.37 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

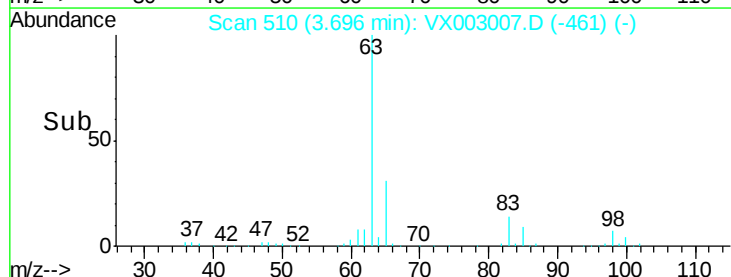
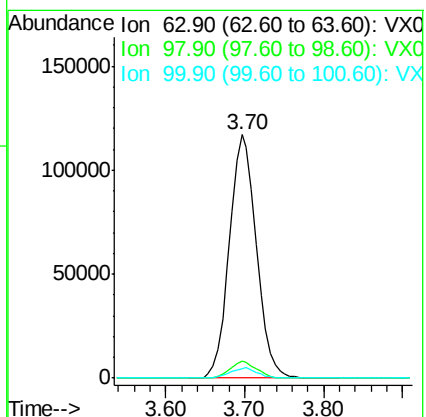
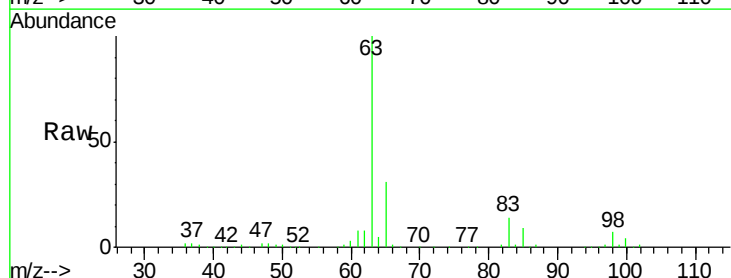
Tgt Ion: 63 Resp: 278100

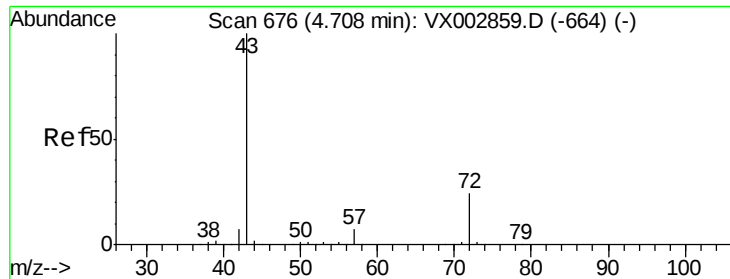
Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.2

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 253.85 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 589507

Ion Ratio Lower Upper

43 100

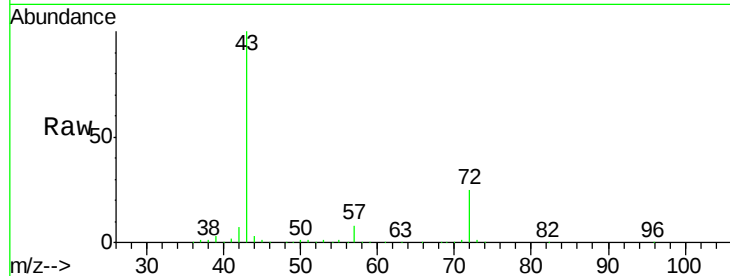
72 24.5 18.5 27.7

Manual Integrations

APPROVED

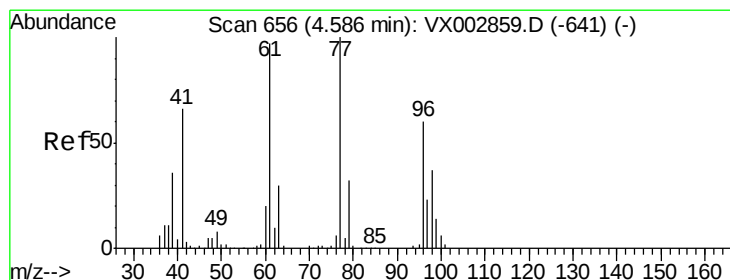
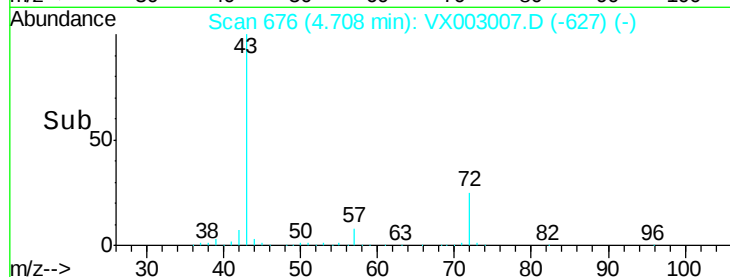
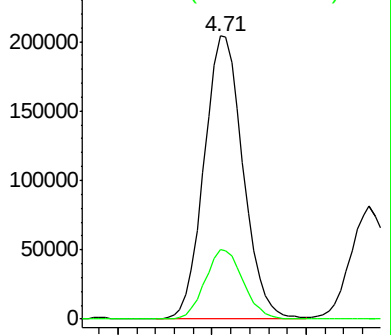
MMDadoda

6/29/2018 12:22:51 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 36.77 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003007.D

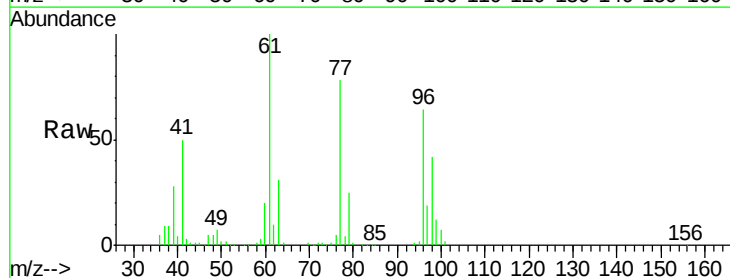
Acq: 29 Jun 2018 01:24

Tgt Ion: 77 Resp: 165066

Ion Ratio Lower Upper

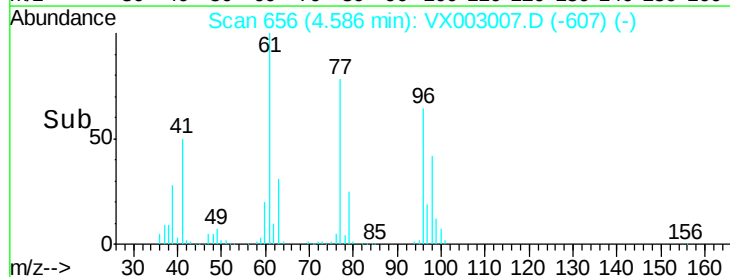
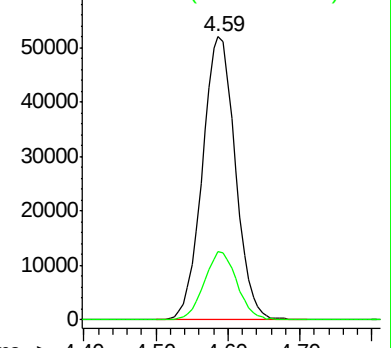
77 100

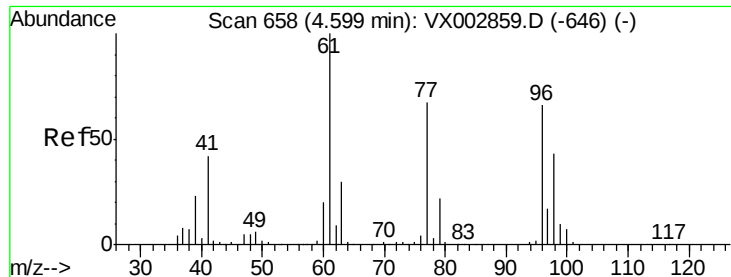
97 23.9 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 50.01 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

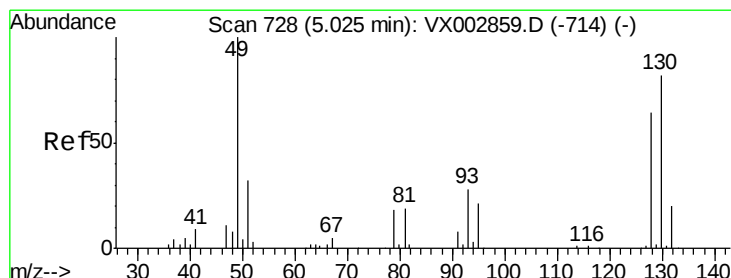
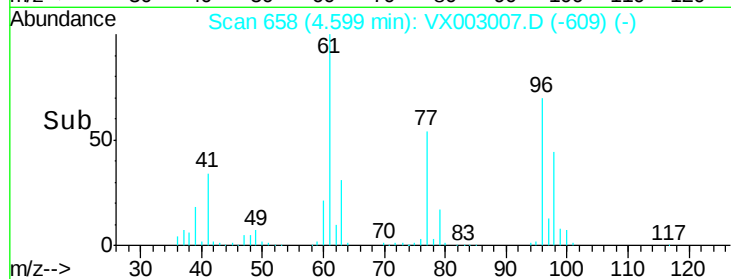
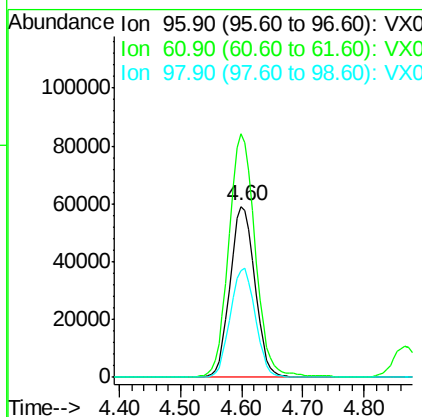
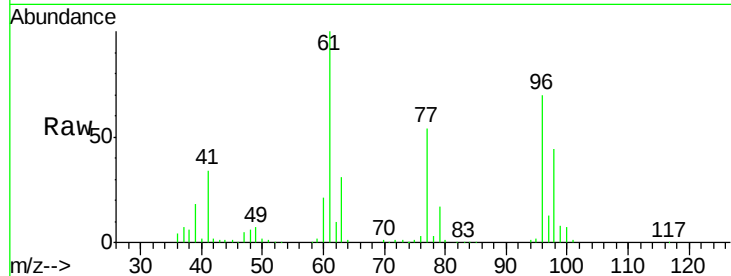
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	164655
Ion	Ratio	Lower	Upper
96	100		
61	152.5	0.0	330.2
98	64.6	0.0	130.2

Manual Integrations
APPROVED

MMDadoda
6/29/2018 12:22:51 PM



#28

Bromochloromethane

Concen: 49.58 ug/l

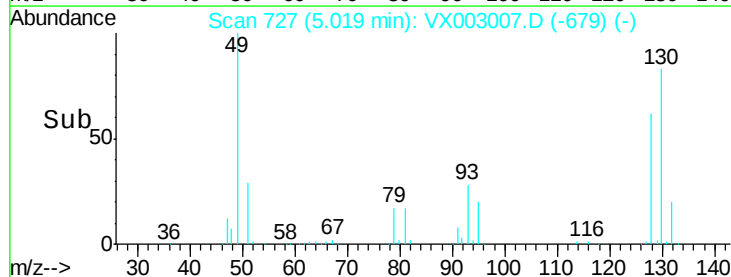
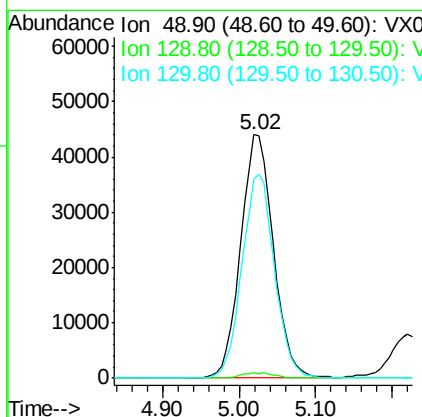
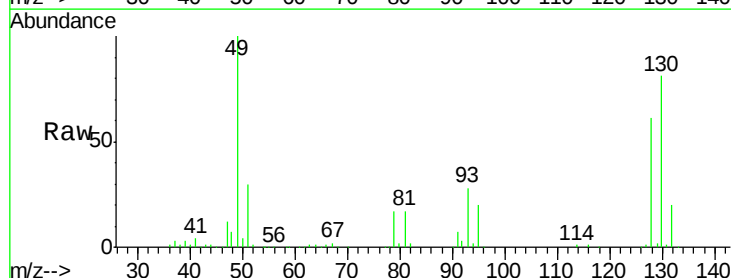
RT: 5.02 min Scan# 727

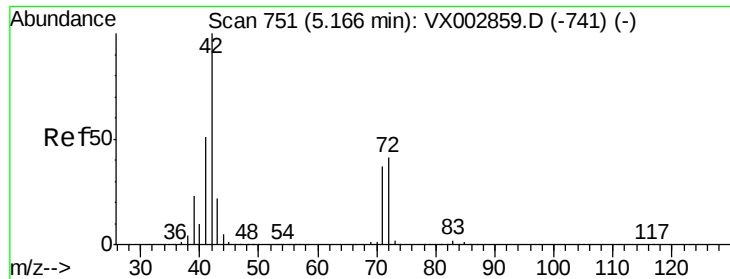
Delta R.T. -0.01 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Tgt Ion:	49	Resp:	131027
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	83.1	61.2	91.8





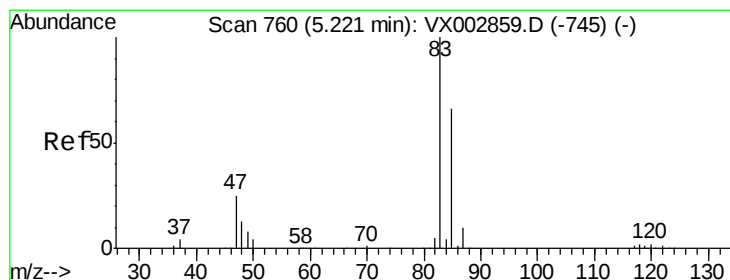
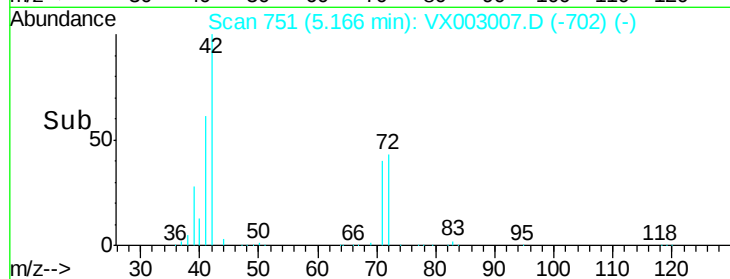
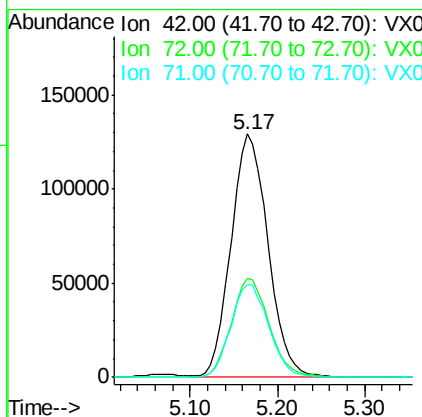
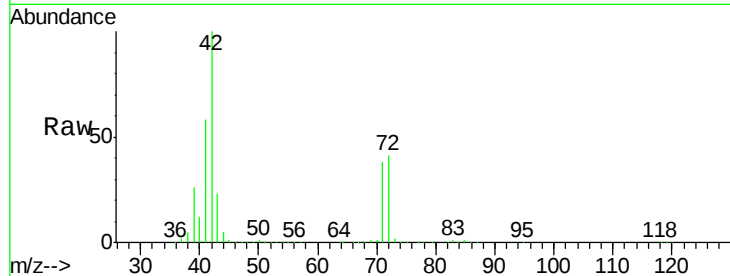
#29
Tetrahydrofuran
Concen: 254.06 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.9	32.0	48.0
71	39.4	30.1	45.1

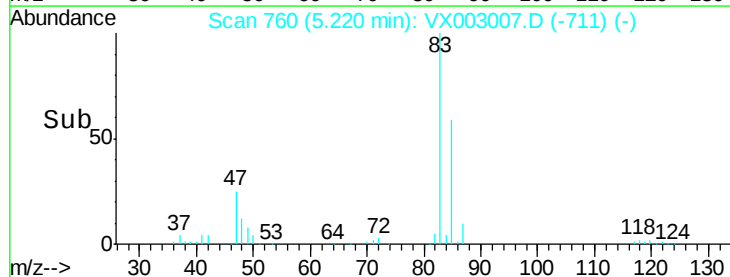
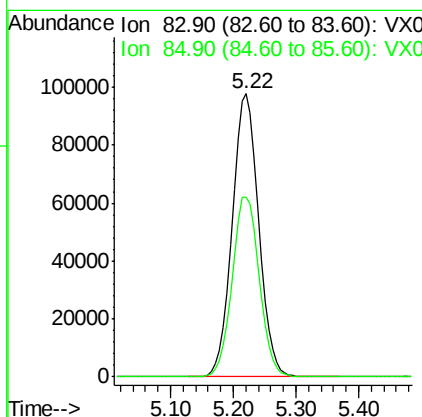
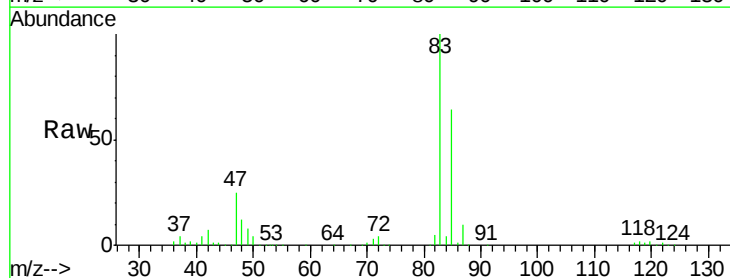
Manual Integrations
APPROVED

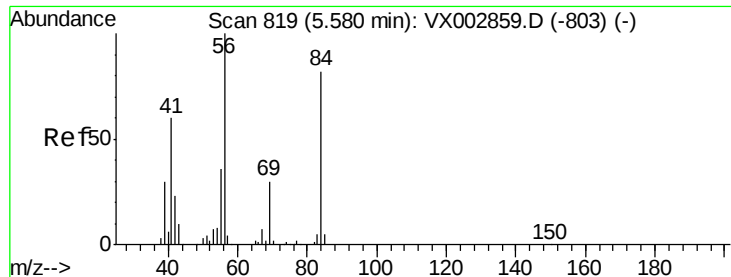
MMDadoda
6/29/2018 12:22:51 PM



#30
Chloroform
Concen: 50.32 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.4	75.6





#31

Cyclohexane

Concen: 49.30 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

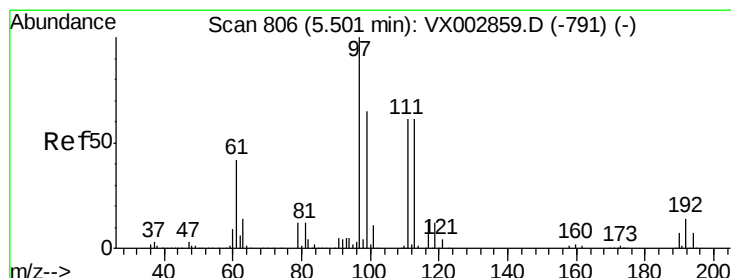
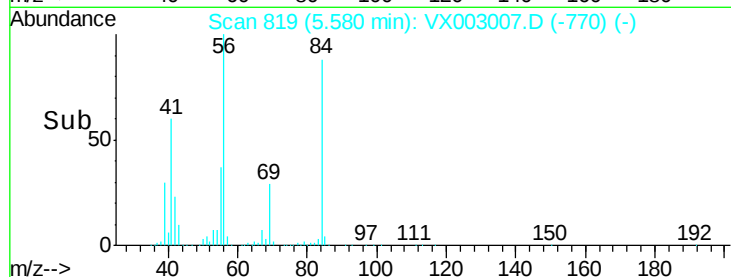
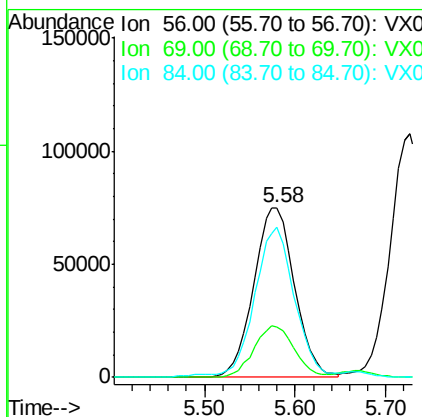
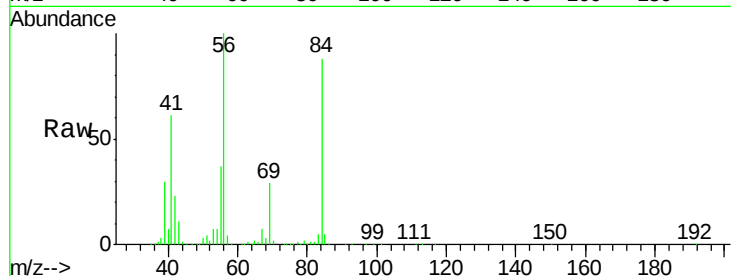
ClientSampleId :

VSTDCCC050

Tot Ion	56	Resp	233598
Ion	Ratio	Lower	Upper
56	100		
69	29.3	23.7	35.5
84	86.8	64.1	96.1

Manual Integrations
APPROVED

MMDadoda
6/29/2018 12:22:51 PM



#32

1,1,1-Trichloroethane

Concen: 50.86 ug/l

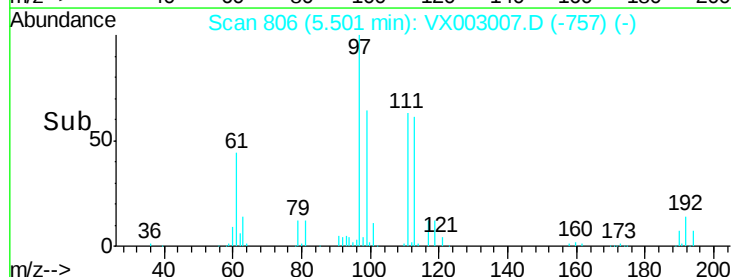
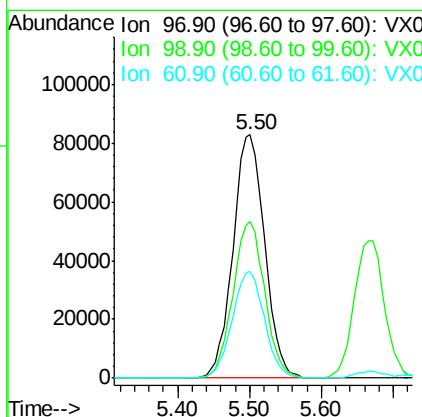
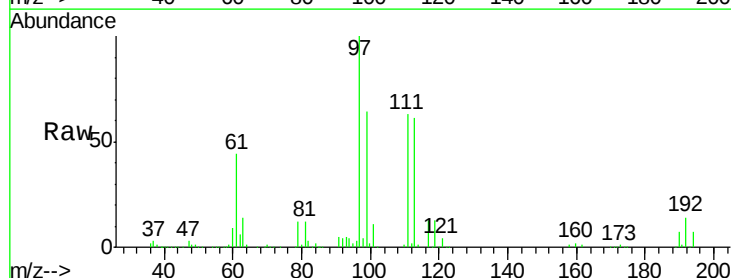
RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Tgt Ion	97	Resp	253571
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.6	77.4
61	44.5	36.4	54.6





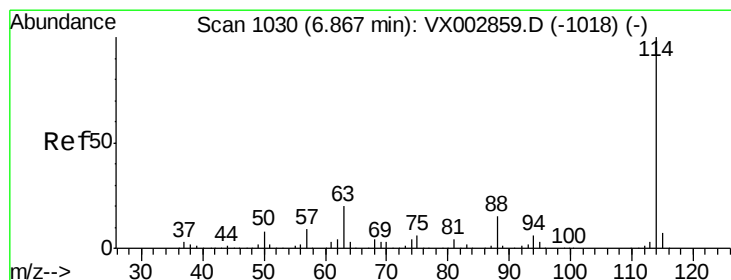
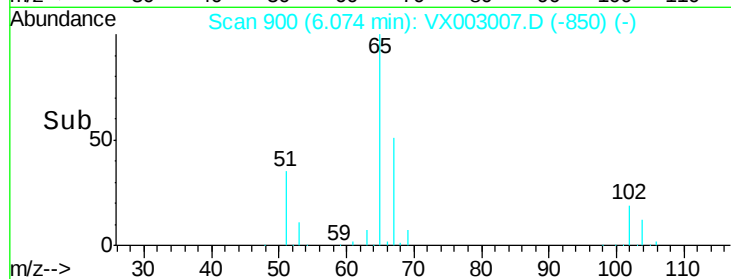
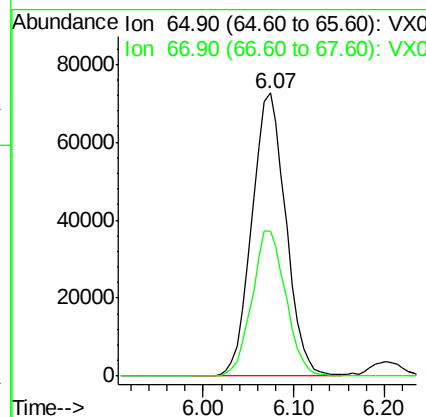
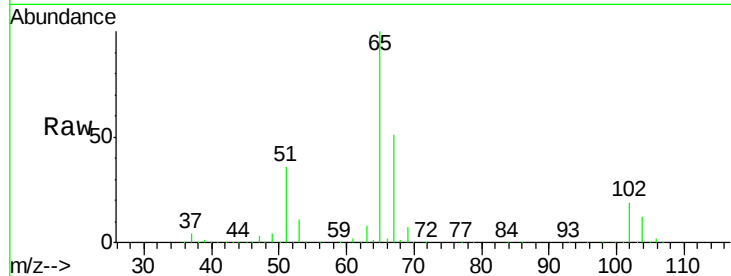
#33
 1,2-Dichloroethane-d4
 Concen: 49.86 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003007.D
 Acq: 29 Jun 2018 01:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	188414		
67	51.0	0.0	102.6	

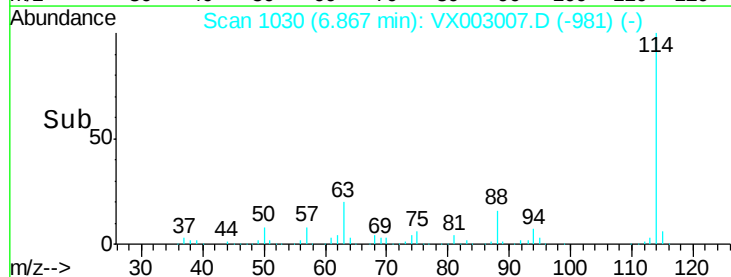
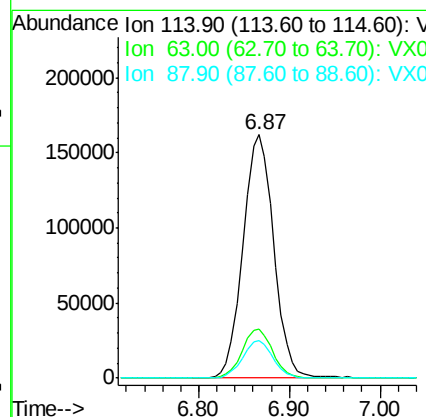
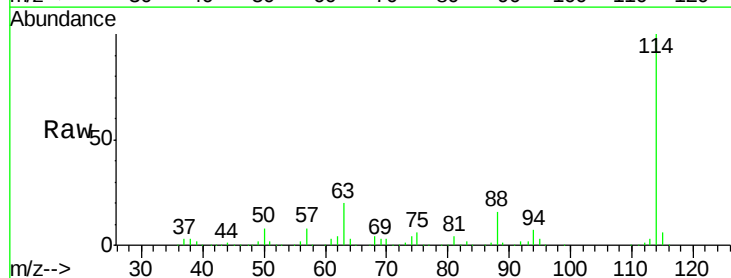
Manual Integrations
 APPROVED

MMDadoda
 6/29/2018 12:22:51 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003007.D
 Acq: 29 Jun 2018 01:24

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	380516		
63	20.1	0.0	41.4	
88	15.6	0.0	30.0	





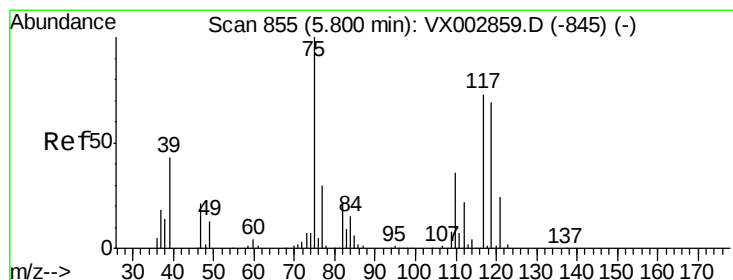
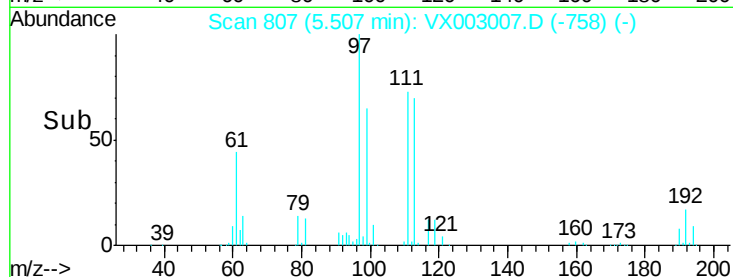
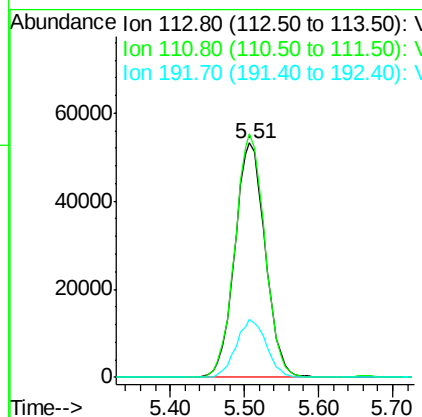
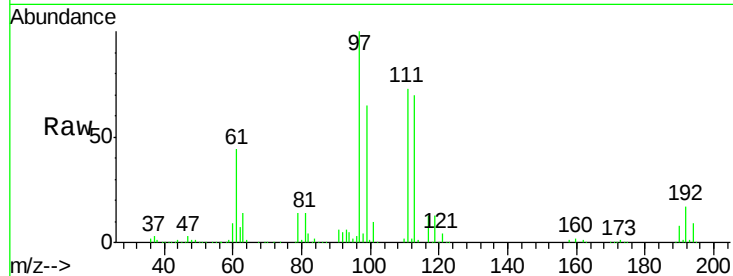
#35
 Dibromofluoromethane
 Concen: 50.61 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003007.D
 Acq: 29 Jun 2018 01:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	152506		
111	102.0	81.4	122.0	
192	24.4	19.1	28.7	

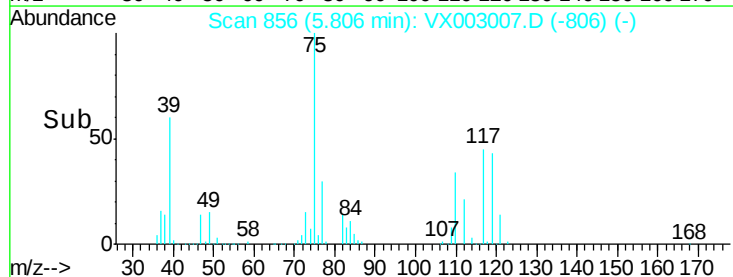
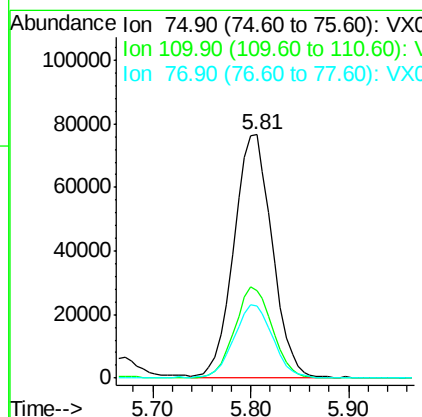
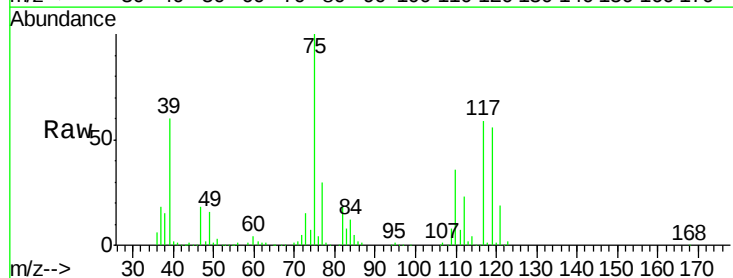
Manual Integrations
 APPROVED

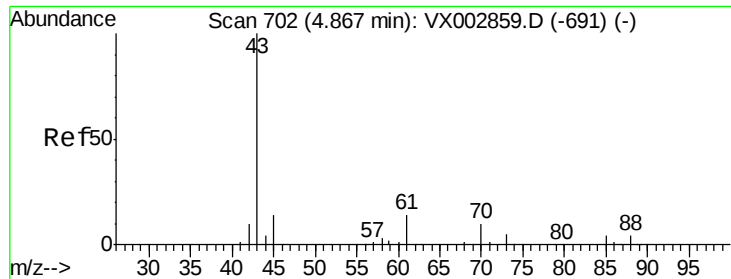
MMDadoda
 6/29/2018 12:22:51 PM



#36
 1,1-Dichloropropene
 Concen: 49.47 ug/l
 RT: 5.81 min Scan# 855
 Delta R.T. 0.01 min
 Lab File: VX003007.D
 Acq: 29 Jun 2018 01:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	206412		
110	37.0	18.1	54.4	
77	31.0	24.3	36.5	





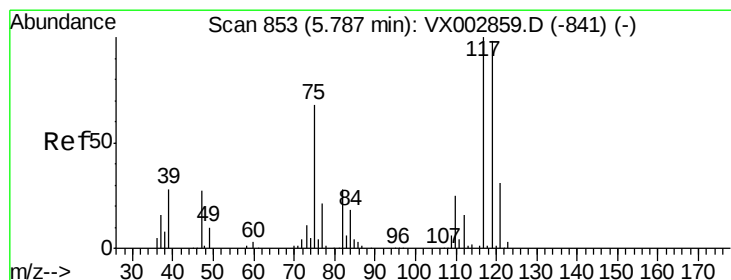
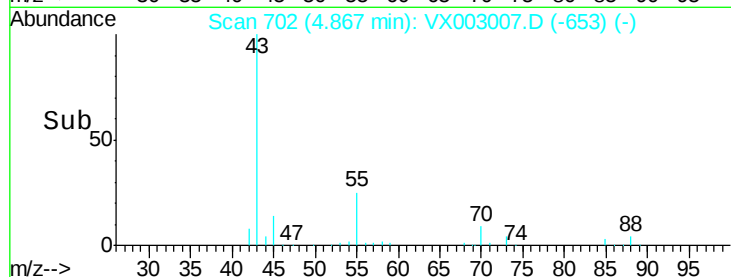
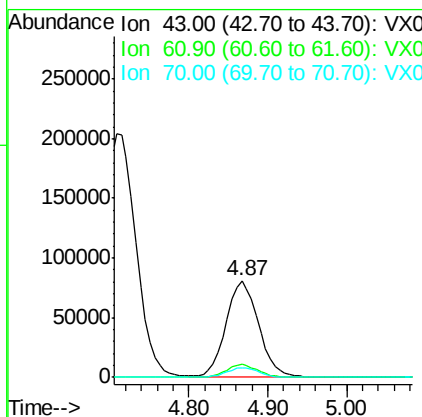
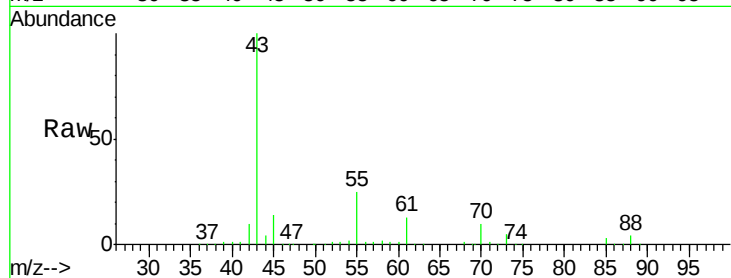
#37
Ethyl Acetate
Concen: 51.76 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.4	15.6
70	9.9	7.6	11.4

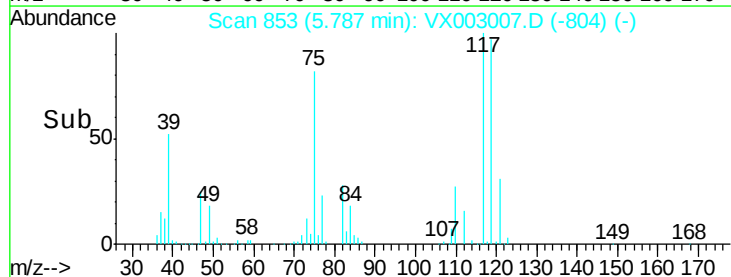
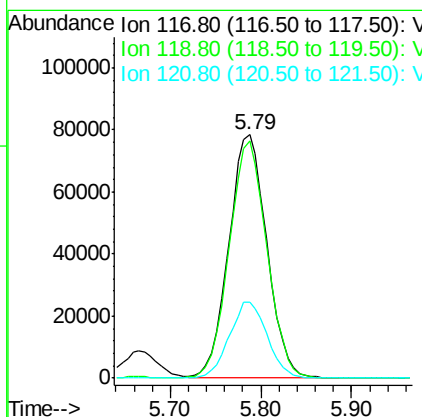
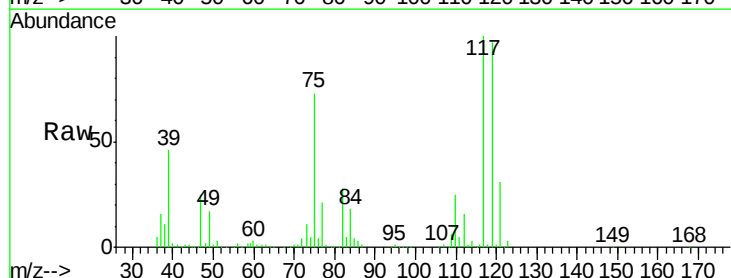
Manual Integrations
APPROVED

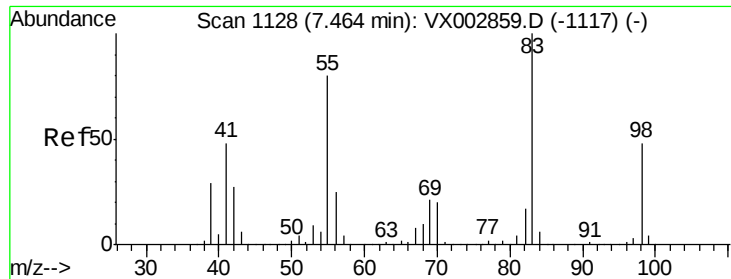
MMDadoda
6/29/2018 12:22:51 PM



#38
Carbon Tetrachloride
Concen: 49.78 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	77.4	116.0
121	31.1	24.4	36.6





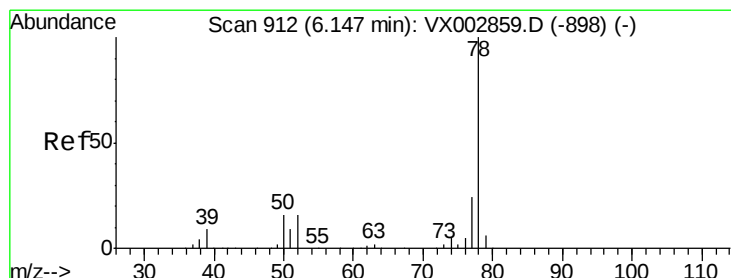
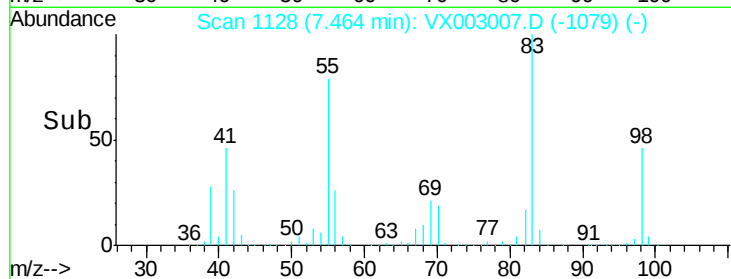
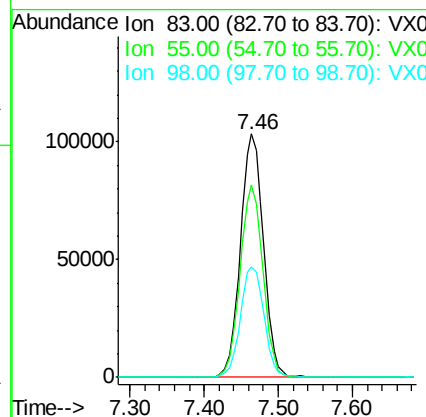
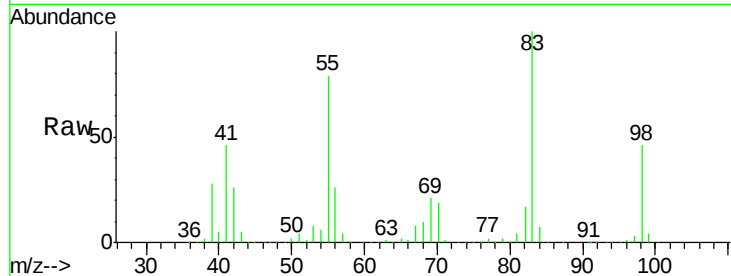
#39
Methvlcvclohexane
Concen: 46.14 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	79.1		65.4	98.0
98	45.5		37.4	56.0

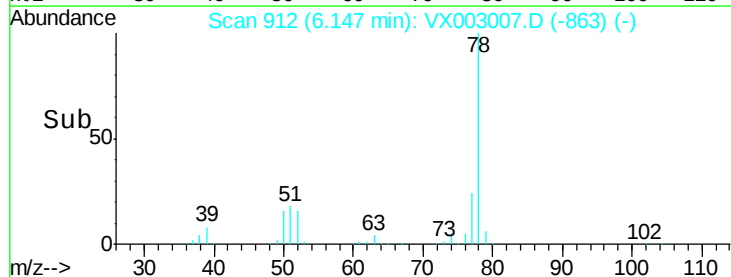
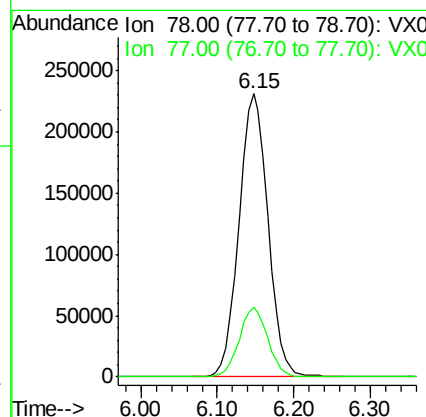
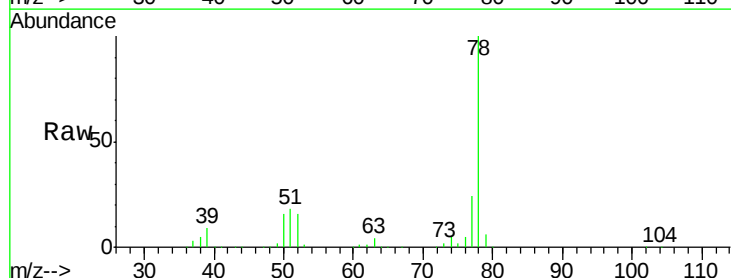
Manual Integrations
APPROVED

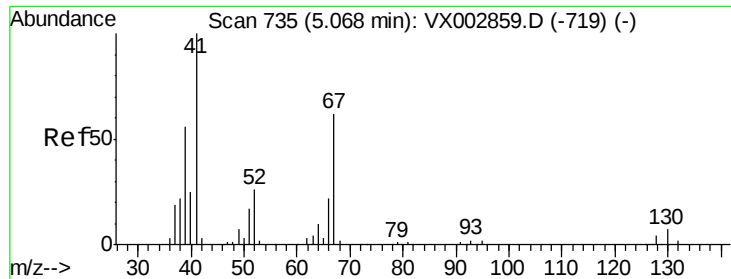
MMDadoda
6/29/2018 12:22:51 PM



#40
Benzene
Concen: 50.01 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.4		19.1	28.7





#41

Methacrylonitrile

Concen: 50.85 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 131568

Ion Ratio Lower Upper

41 100

39 55.9 45.8 68.6

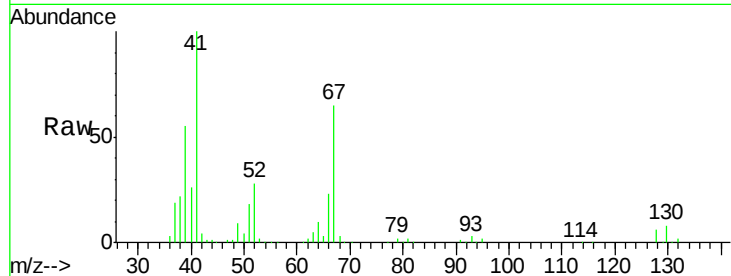
67 65.7 51.3 76.9

52 28.4 23.0 34.6

Manual Integrations
APPROVED

MMDadoda

6/29/2018 12:22:51 PM

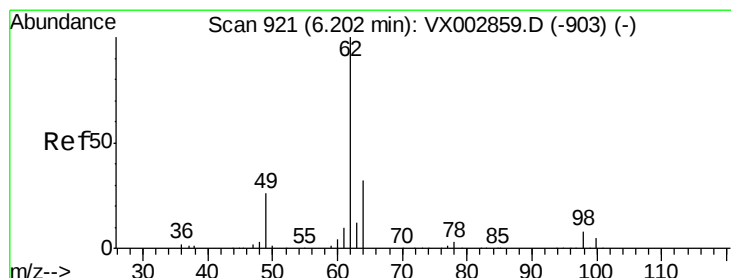
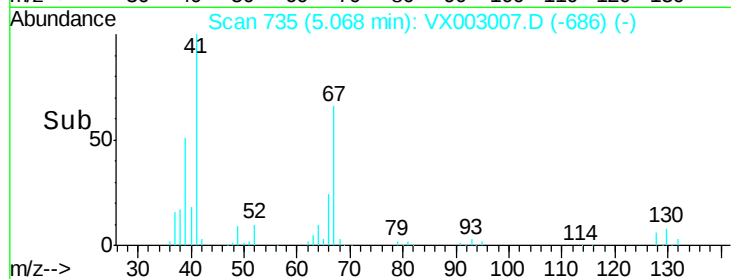
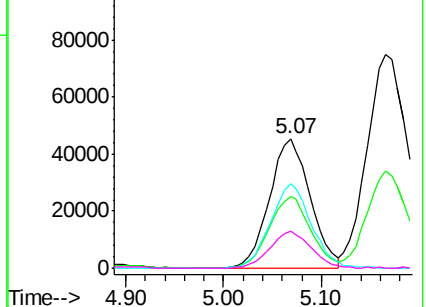


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 48.23 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.00 min

Lab File: VX003007.D

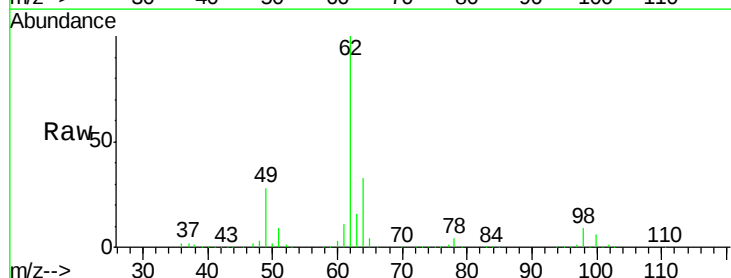
Acq: 29 Jun 2018 01:24

Tgt Ion: 62 Resp: 236191

Ion Ratio Lower Upper

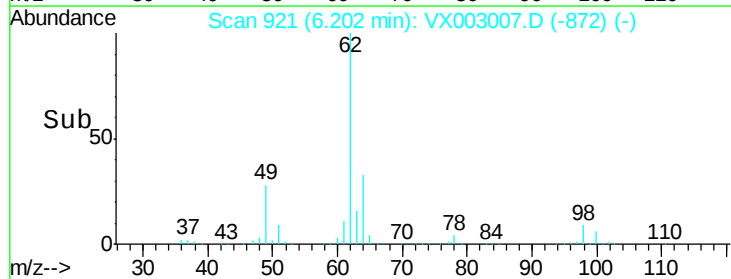
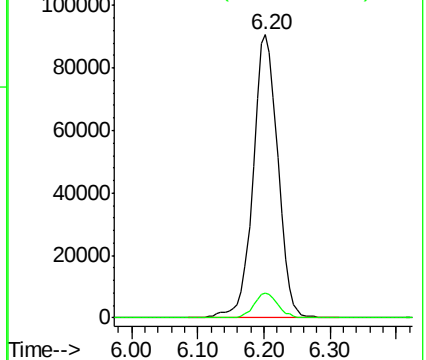
62 100

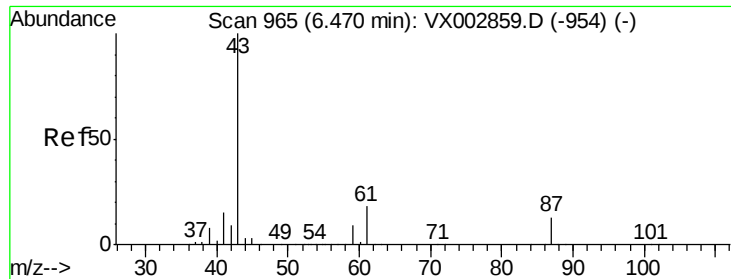
98 8.4 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

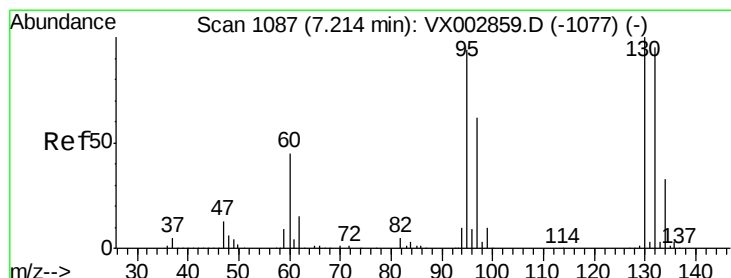
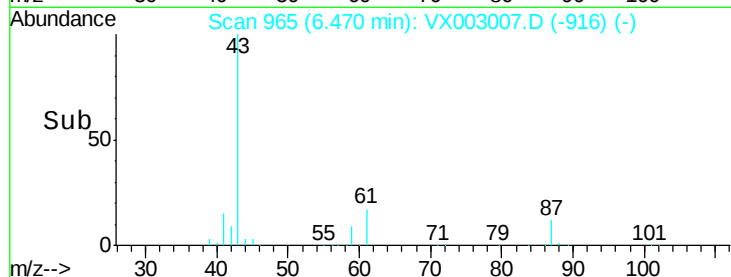
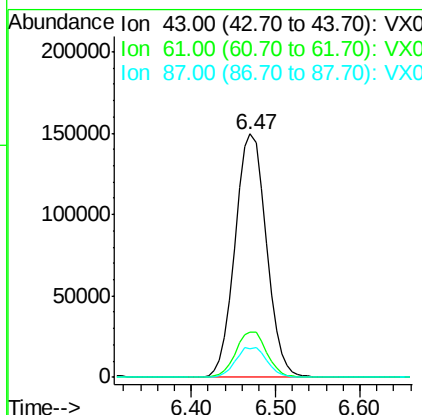
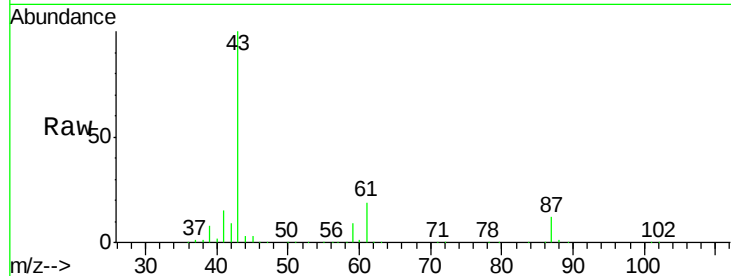
Isopropyl Acetate
 Concen: 49.79 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX003007.D
 Acq: 29 Jun 2018 01:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.7	14.4	21.6
87	12.5	9.5	14.3

Manual Integrations
 APPROVED

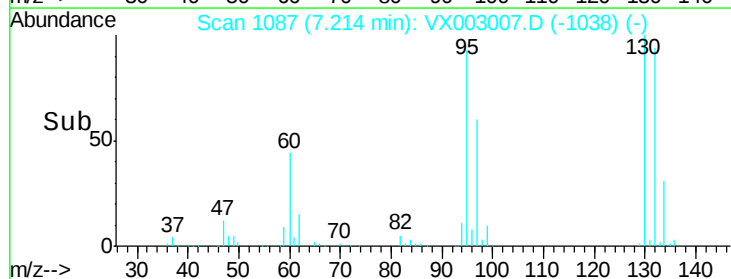
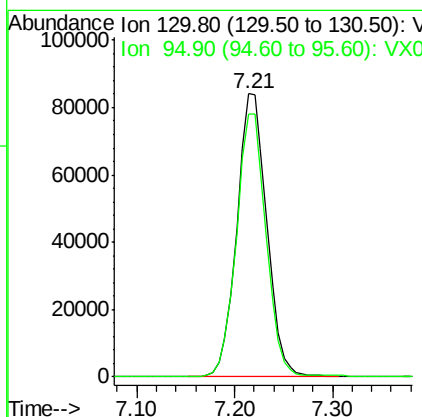
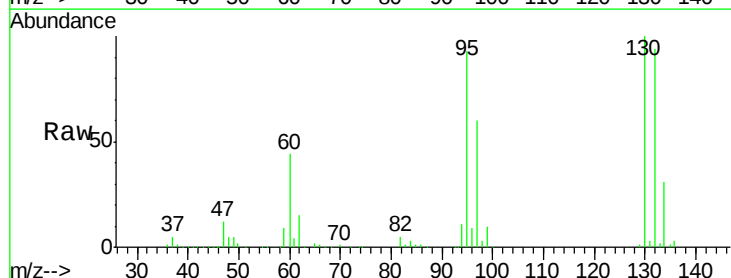
MMDadoda
 6/29/2018 12:22:51 PM

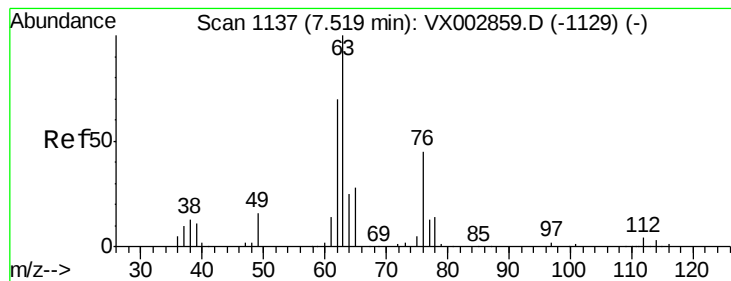


#44

Trichloroethene
 Concen: 49.43 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX003007.D
 Acq: 29 Jun 2018 01:24

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.9	0.0	185.4





#45

1,2-Dichloropropane

Concen: 49.59 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 159479

Ion Ratio Lower Upper

63 100

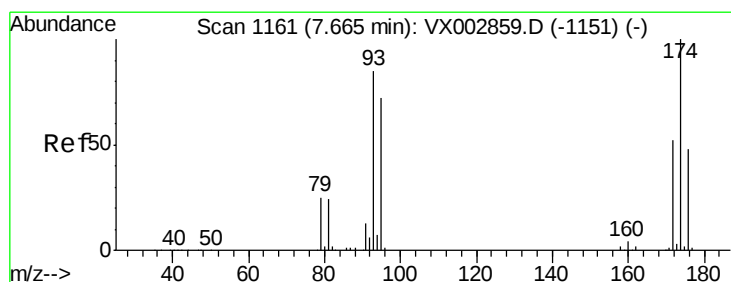
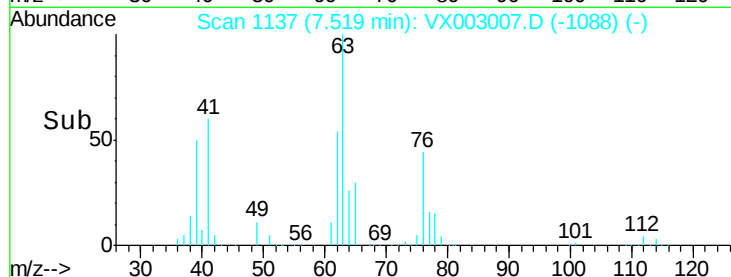
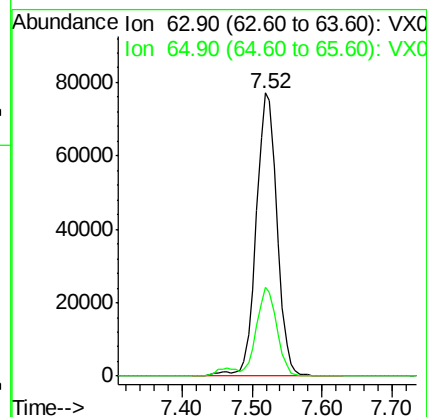
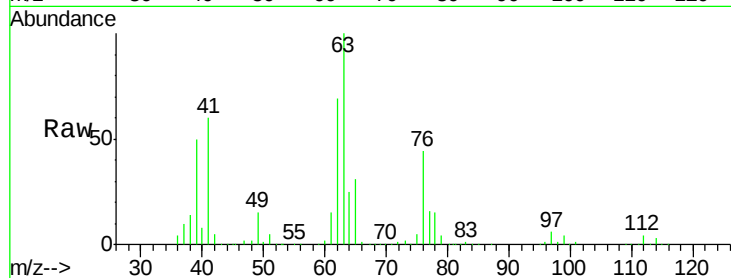
65 31.1 24.7 37.1

Manual Integrations

APPROVED

MMDadoda

6/29/2018 12:22:51 PM



#46

Dibromomethane

Concen: 49.62 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

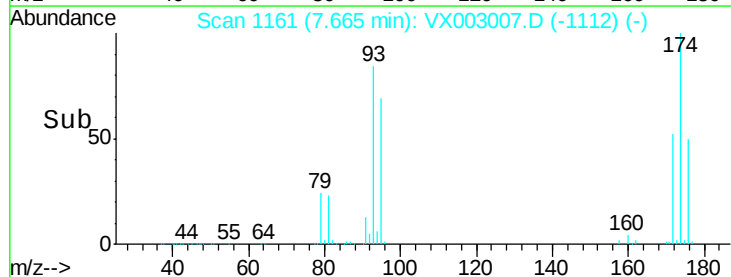
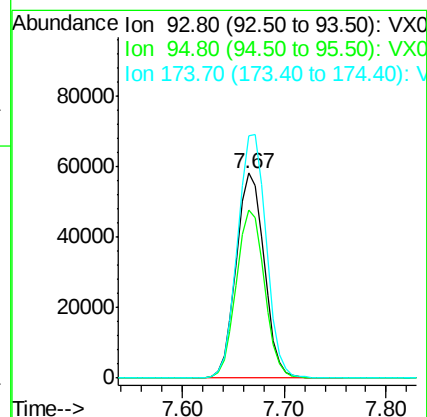
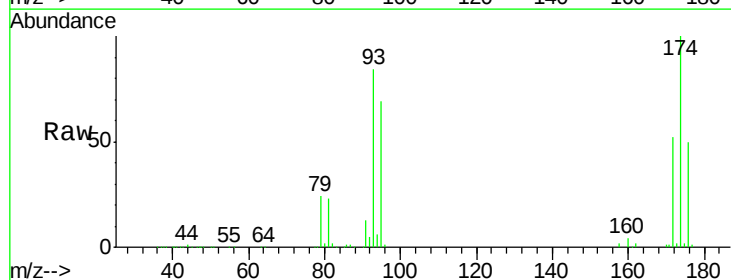
Tgt Ion: 93 Resp: 110761

Ion Ratio Lower Upper

93 100

95 82.7 65.9 98.9

174 122.0 92.4 138.6





#47

Bromodichloromethane

Concen: 51.67 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

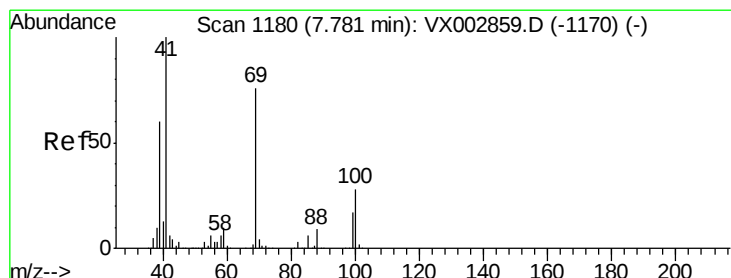
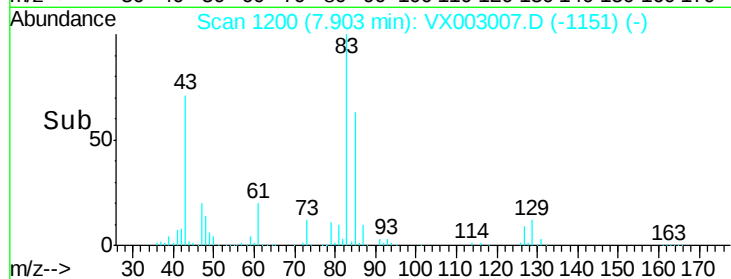
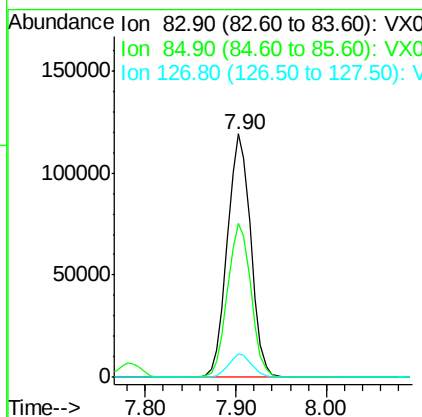
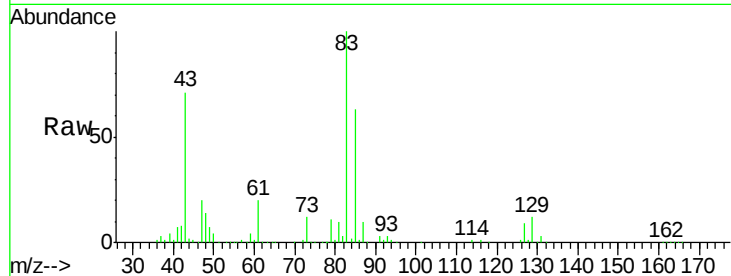
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	213222
Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.3	75.5
127	9.4	7.0	10.4

Manual Integrations
APPROVED

MMDadoda
6/29/2018 12:22:51 PM



#48

Methyl methacrylate

Concen: 50.55 ug/l

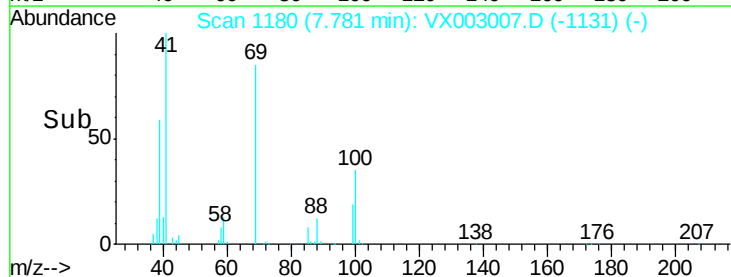
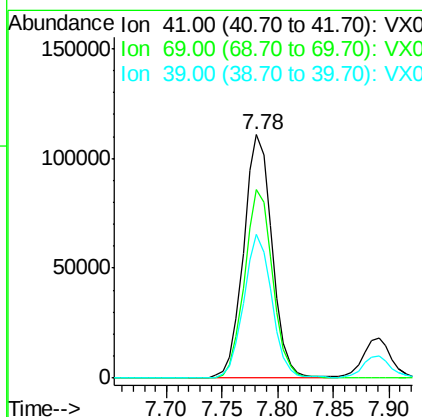
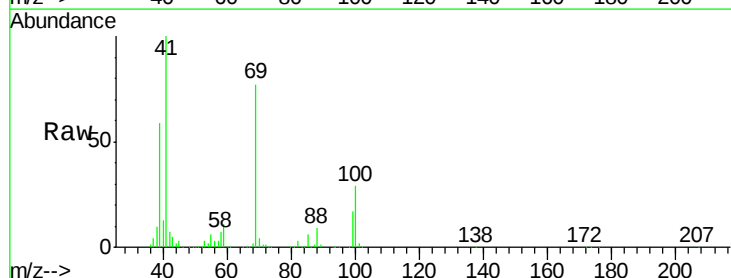
RT: 7.78 min Scan# 1180

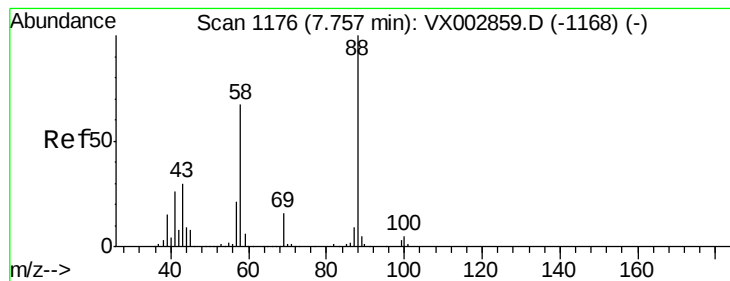
Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Tgt Ion:	41	Resp:	196263
Ion	Ratio	Lower	Upper
41	100		
69	77.0	59.1	88.7
39	58.0	48.9	73.3





#49

1,4-Dioxane

Concen: 1016.36 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.01 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

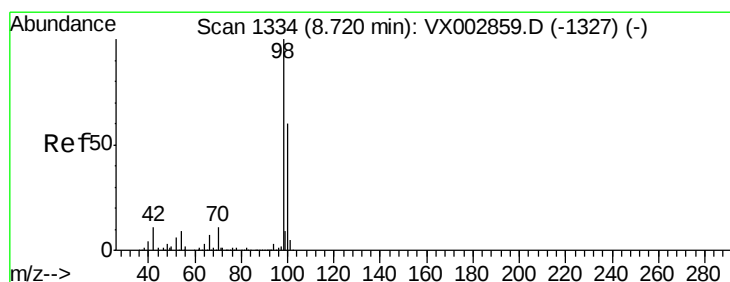
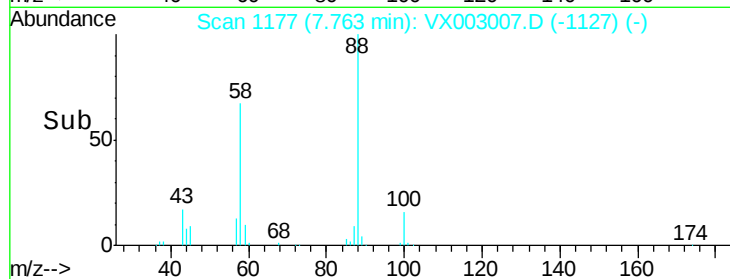
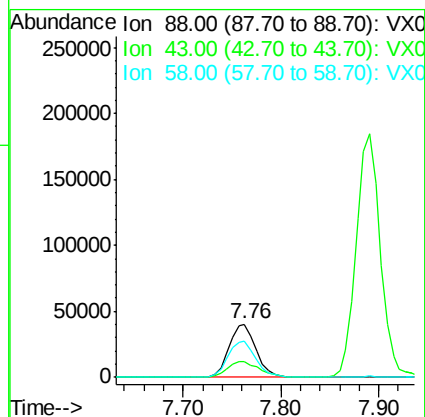
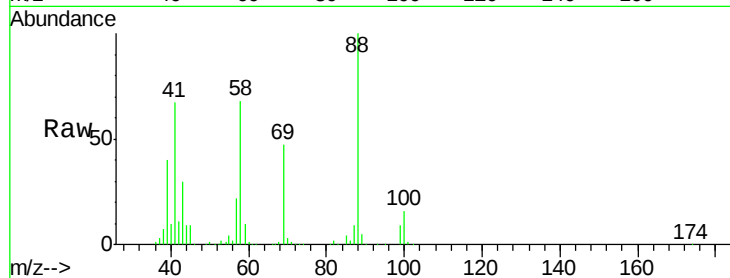
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	76774
Ion	Ratio	Lower	Upper
88	100		
43	34.6	29.8	44.6
58	70.1	57.1	85.7

Manual Integrations
APPROVED

MMDadoda
6/29/2018 12:22:51 PM



#50

Toluene-d8

Concen: 49.69 ug/l

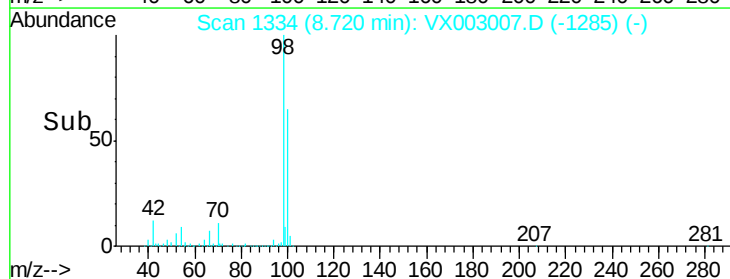
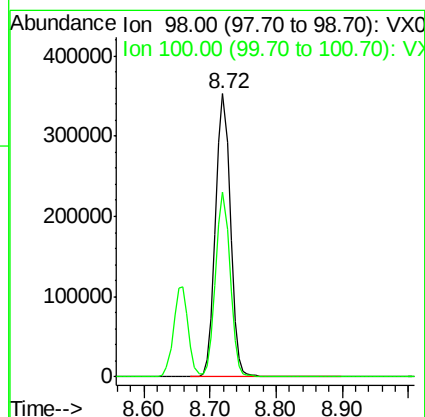
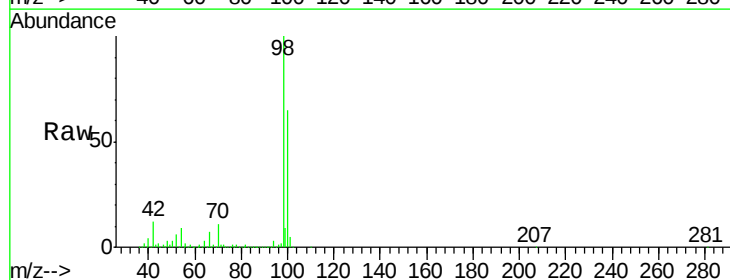
RT: 8.72 min Scan# 1334

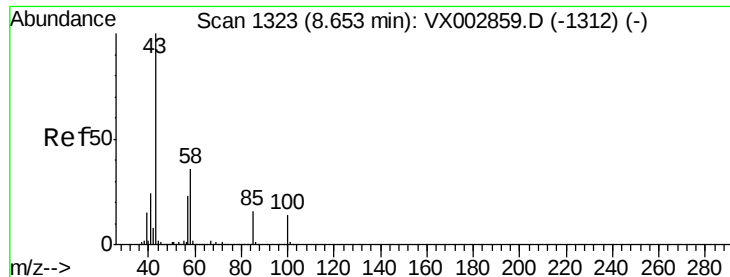
Delta R.T. 0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Tgt Ion:	98	Resp:	546756
Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.9	76.3





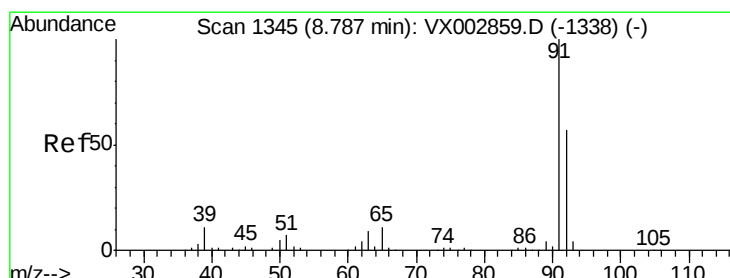
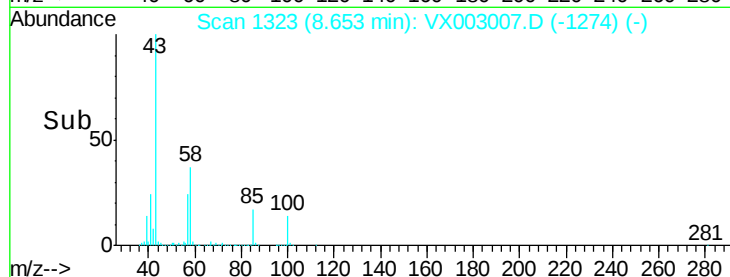
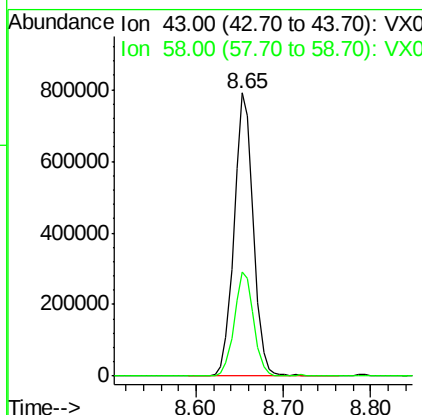
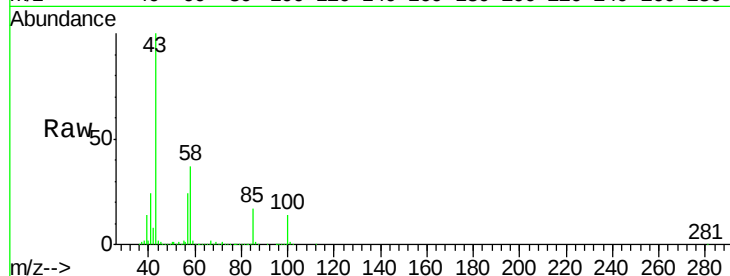
#51
4-Methyl-2-Pentanone
Concen: 258.34 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1217919
Ion Ratio Lower Upper
43 100
58 36.9 28.6 42.8

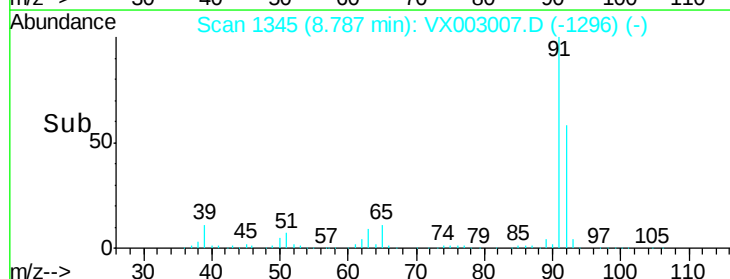
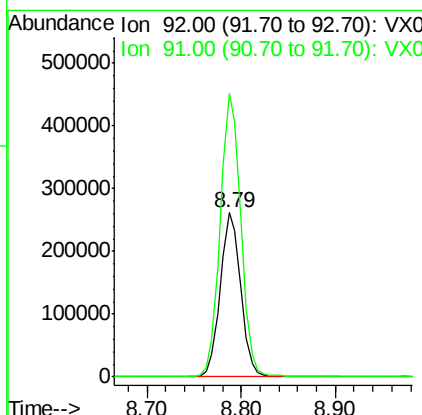
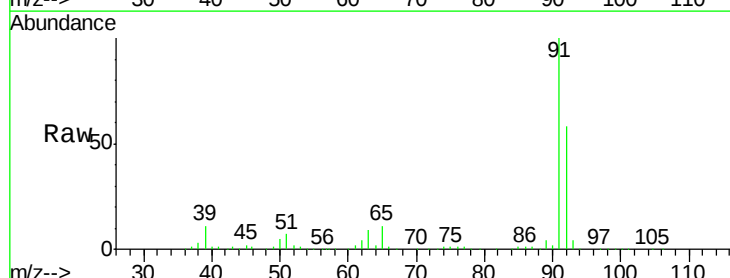
Manual Integrations
APPROVED

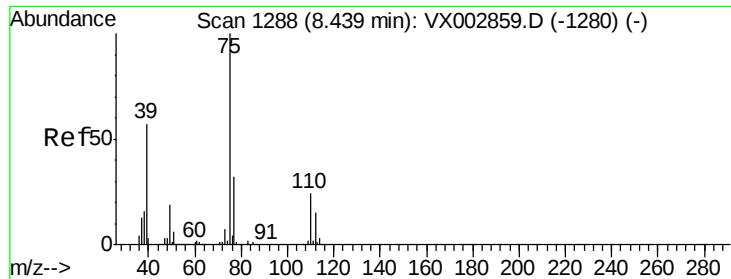
MMDadoda
6/29/2018 12:22:51 PM



#52
Toluene
Concen: 50.71 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

Tgt Ion: 92 Resp: 393846
Ion Ratio Lower Upper
92 100
91 174.7 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 50.33 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 235184

Ion Ratio Lower Upper

75 100

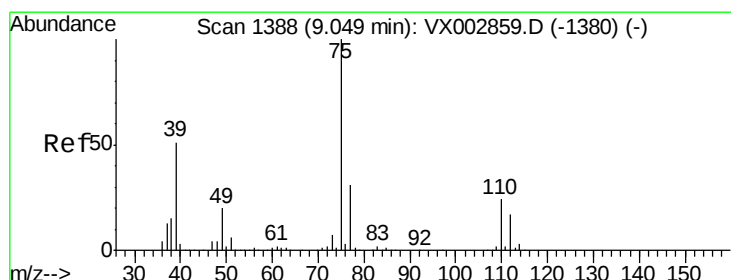
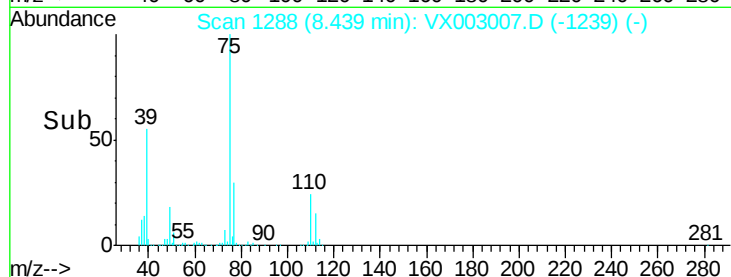
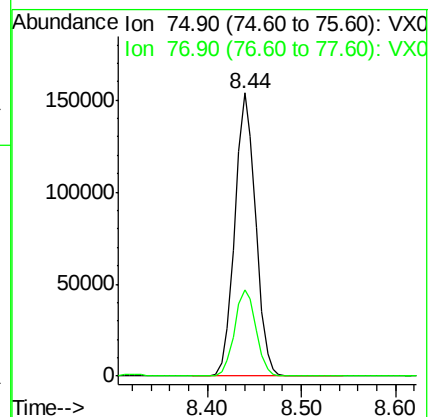
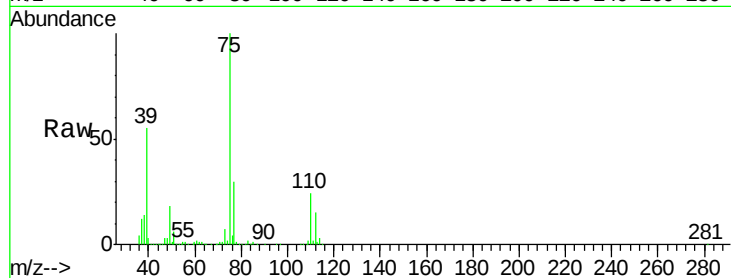
77 30.4 25.4 38.2

Manual Integrations

APPROVED

MMDadoda

6/29/2018 12:22:51 PM



#54

cis-1,3-Dichloropropene

Concen: 49.12 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

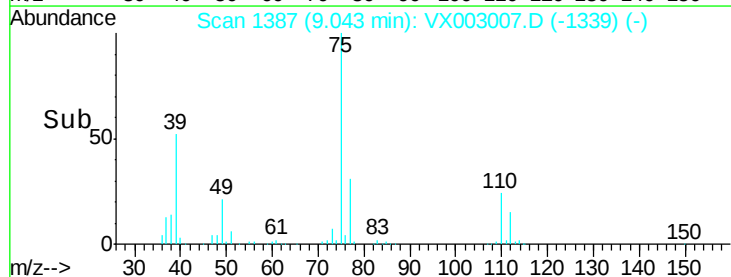
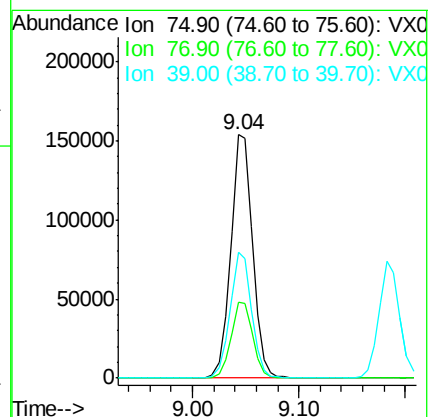
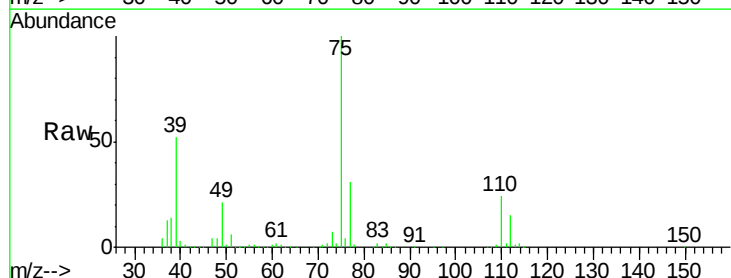
Tgt Ion: 75 Resp: 220851

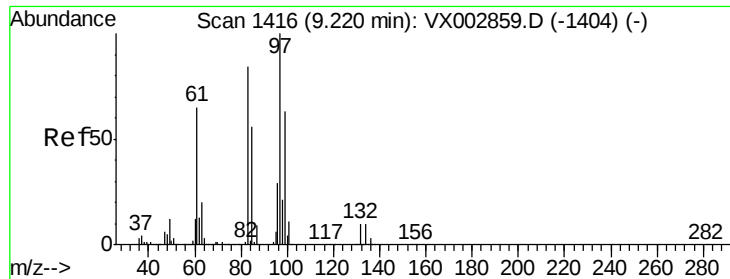
Ion Ratio Lower Upper

75 100

77 31.1 24.8 37.2

39 51.7 42.4 63.6





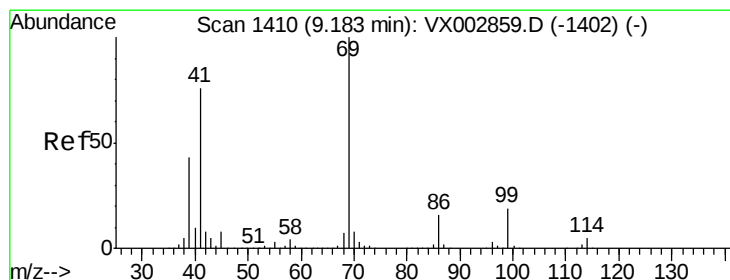
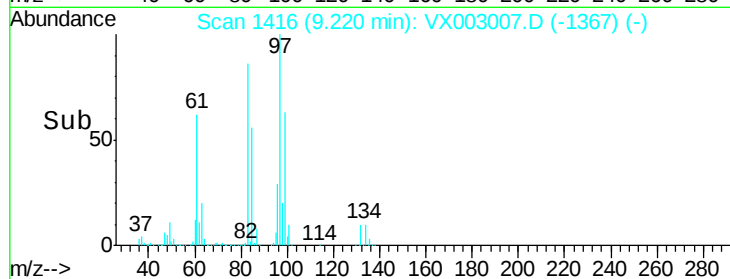
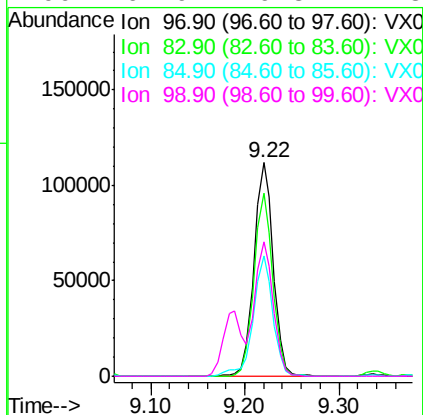
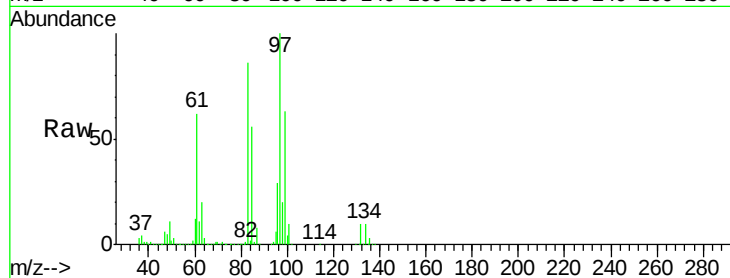
#55
 1,1,2-Trichloroethane
 Concen: 50.69 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003007.D
 Acq: 29 Jun 2018 01:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.5	70.2	105.2
85	56.4	44.9	67.3
99	62.9	49.8	74.8

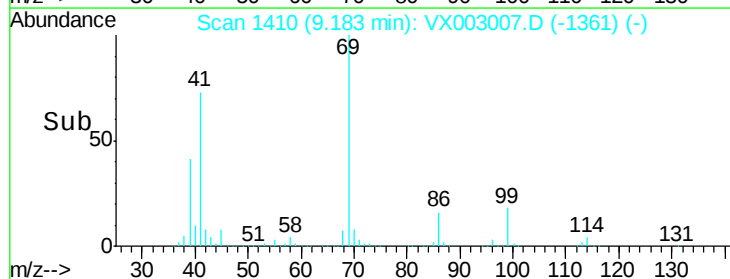
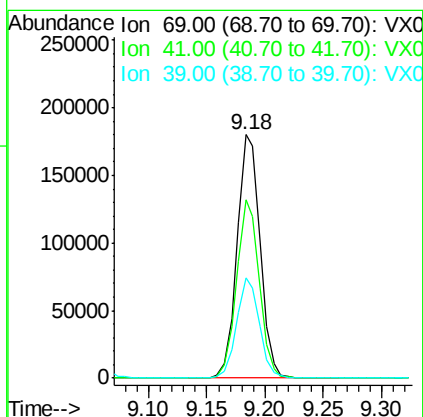
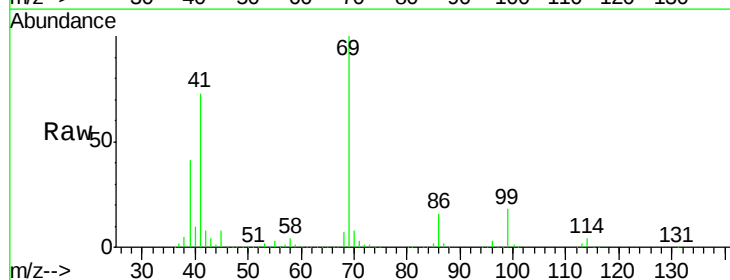
Manual Integrations
 APPROVED

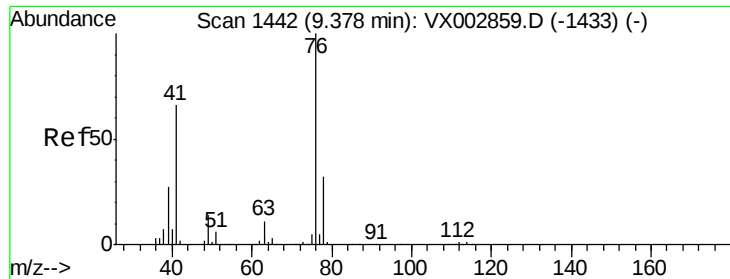
MMDadoda
 6/29/2018 12:22:51 PM



#56
 Ethyl methacrylate
 Concen: 53.34 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX003007.D
 Acq: 29 Jun 2018 01:24

Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.9	60.3	90.5
39	40.5	35.8	53.8





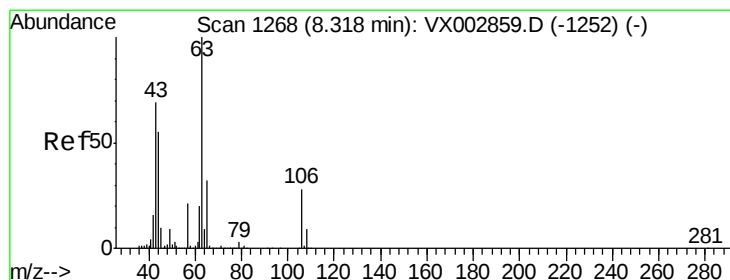
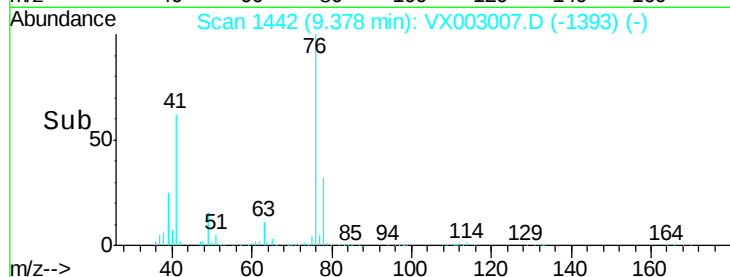
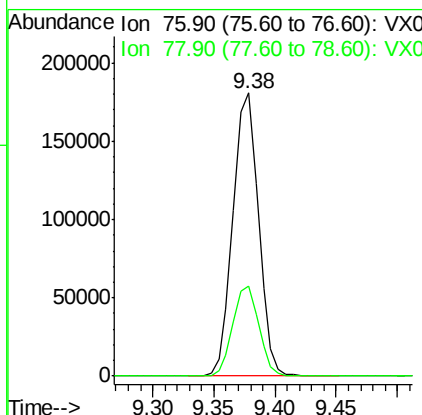
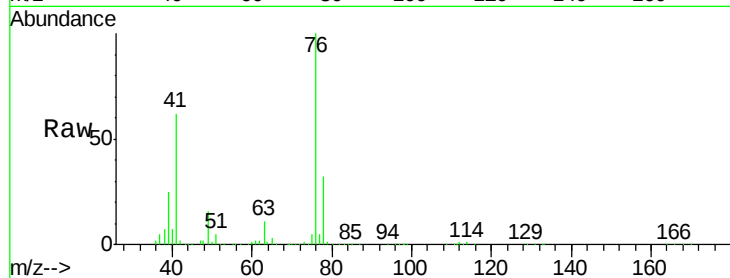
#57
 1,3-Dichloropropane
 Concen: 49.91 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX003007.D
 Acq: 29 Jun 2018 01:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 261620
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.6

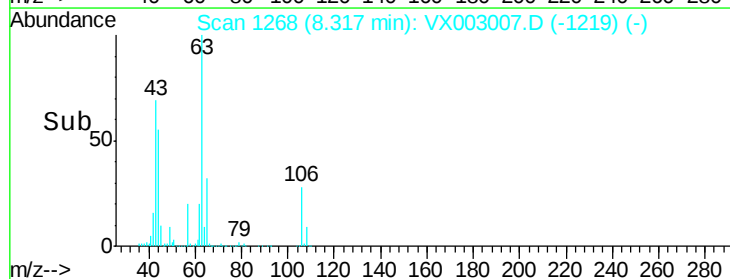
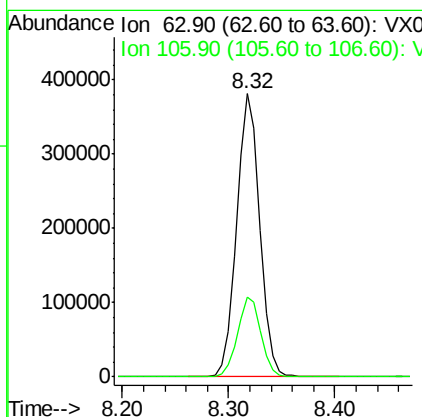
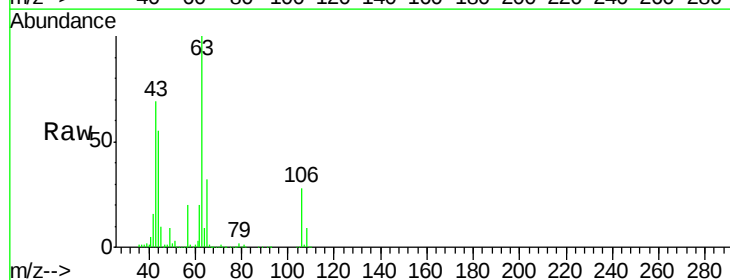
Manual Integrations
 APPROVED

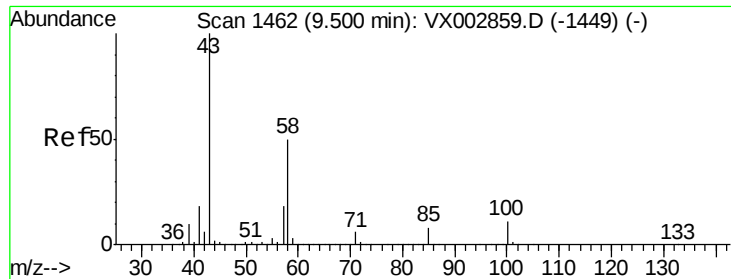
MMDadoda
 6/29/2018 12:22:51 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 257.67 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX003007.D
 Acq: 29 Jun 2018 01:24

Tgt Ion: 63 Resp: 579847
 Ion Ratio Lower Upper
 63 100
 106 28.4 21.8 32.8





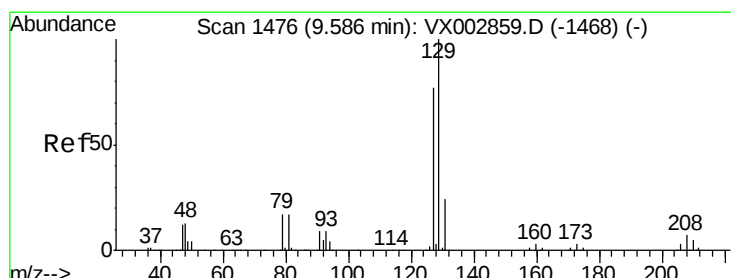
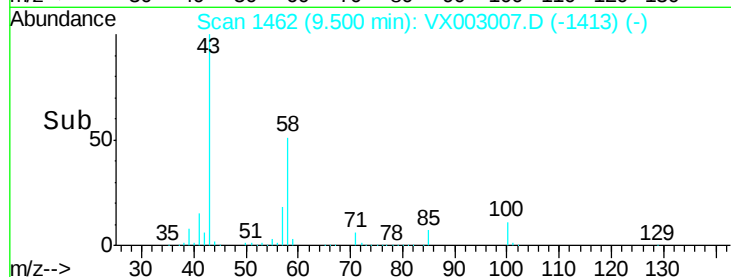
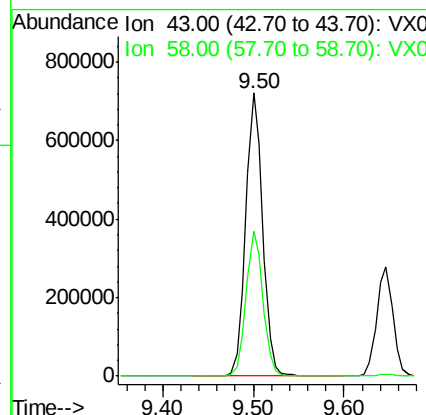
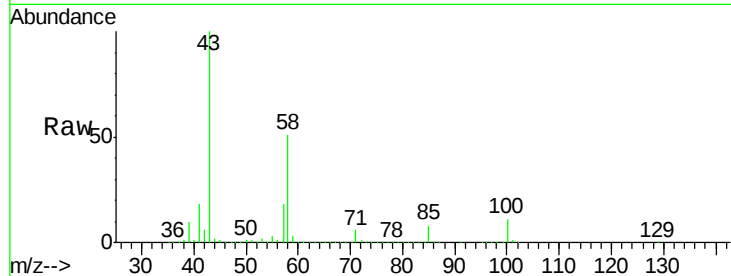
#59
2-Hexanone
Concen: 260.73 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 934215
Ion Ratio Lower Upper
43 100
58 51.0 24.6 73.6

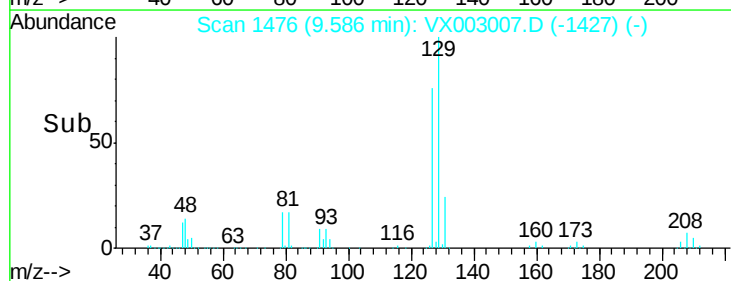
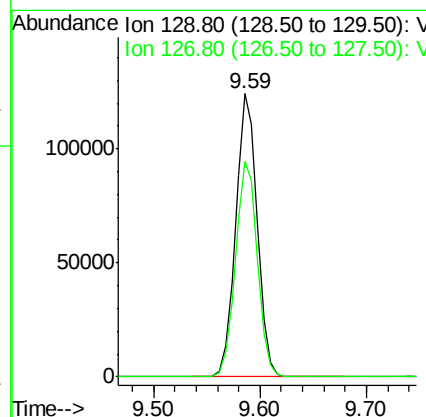
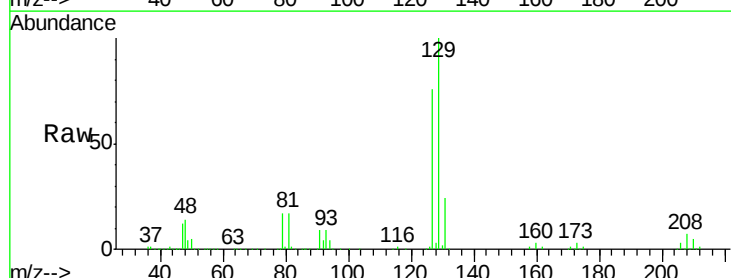
Manual Integrations
APPROVED

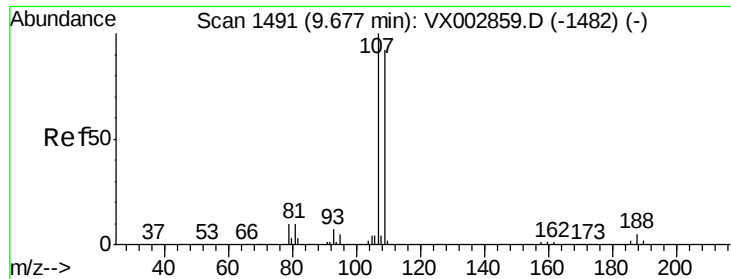
MMDadoda
6/29/2018 12:22:51 PM



#60
Dibromochloromethane
Concen: 52.24 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

Tgt Ion: 129 Resp: 175538
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.3





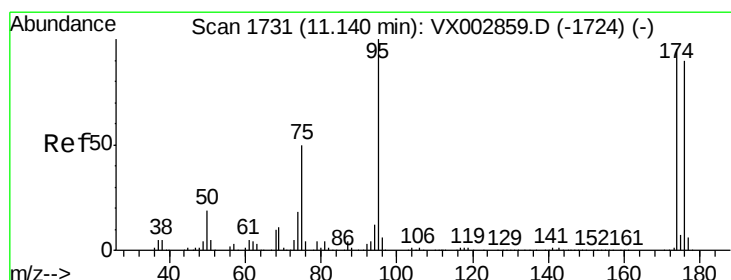
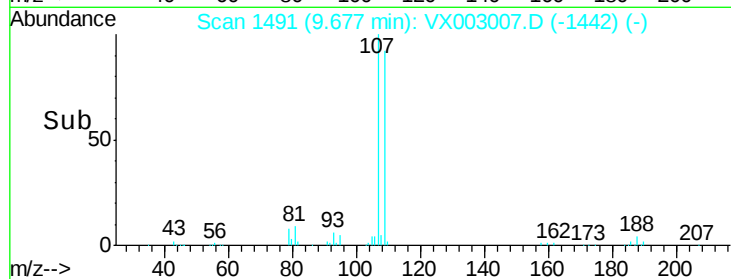
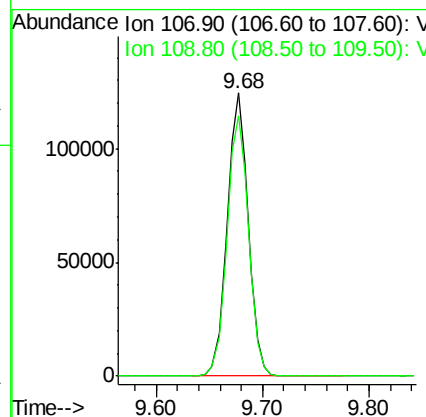
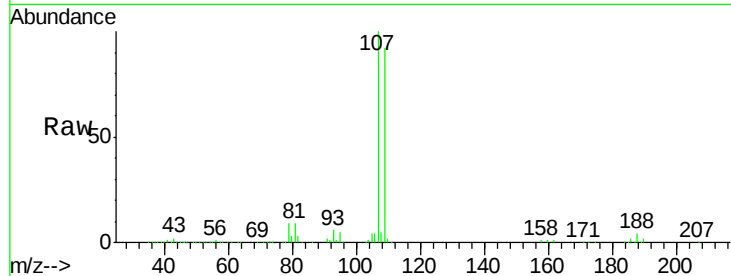
#61
 1,2-Dibromoethane
 Concen: 51.22 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX003007.D
 Acq: 29 Jun 2018 01:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.6	75.3	112.9

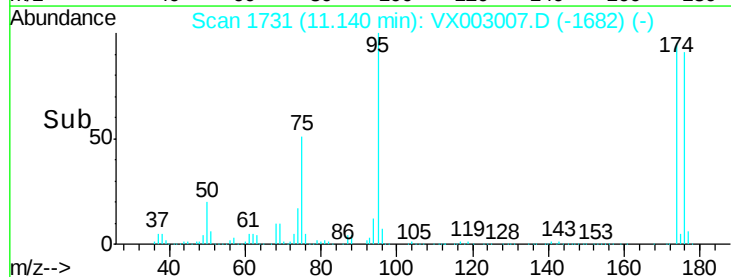
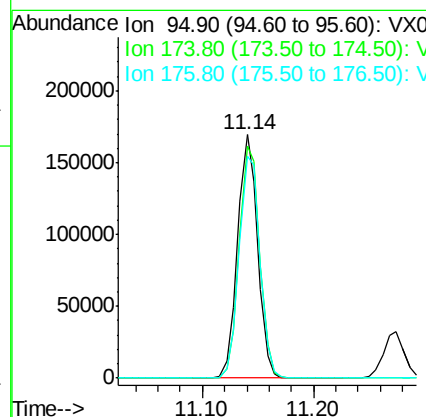
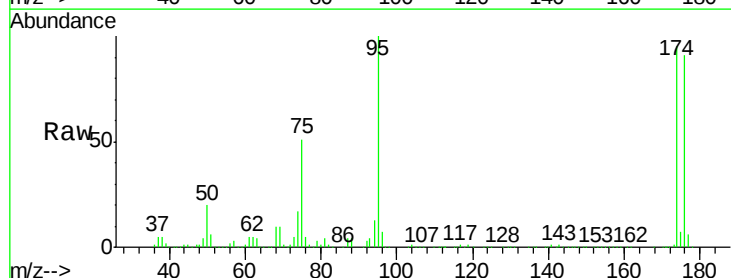
Manual Integrations
 APPROVED

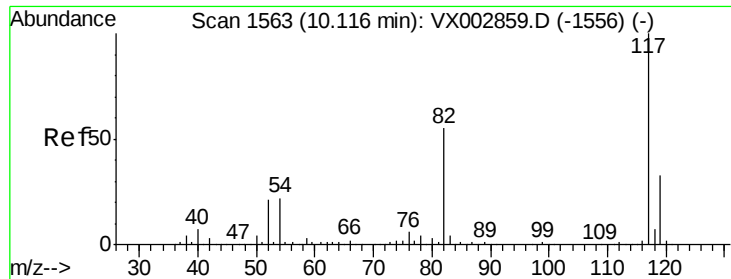
MMDadoda
 6/29/2018 12:22:51 PM



#62
 4-Bromofluorobenzene
 Concen: 49.49 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX003007.D
 Acq: 29 Jun 2018 01:24

Tgt Ion	Ratio	Lower	Upper
95	100		
174	97.9	0.0	187.4
176	95.2	0.0	181.0





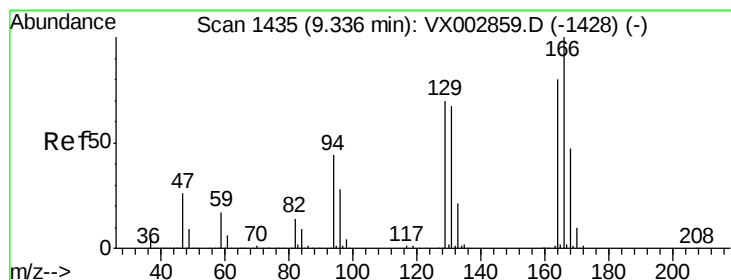
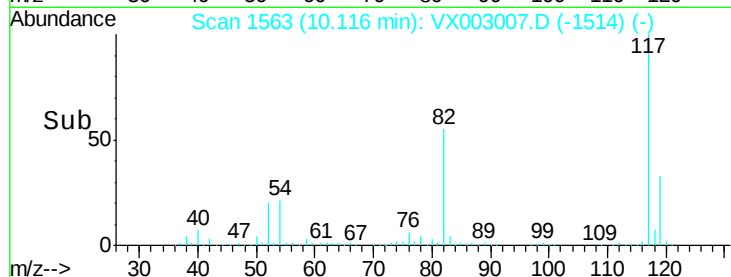
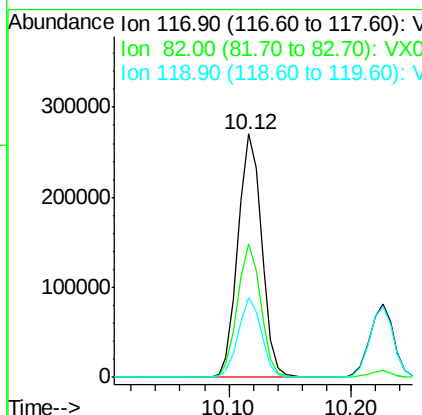
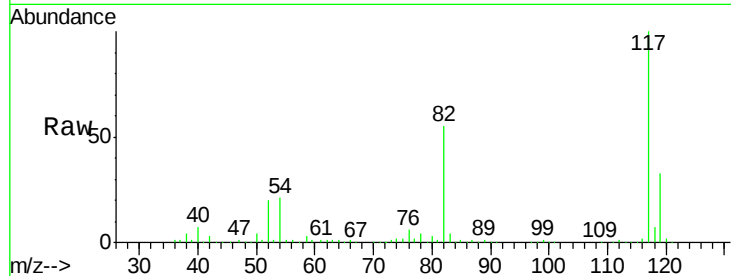
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	45.0	67.4
119	32.7	25.8	38.6

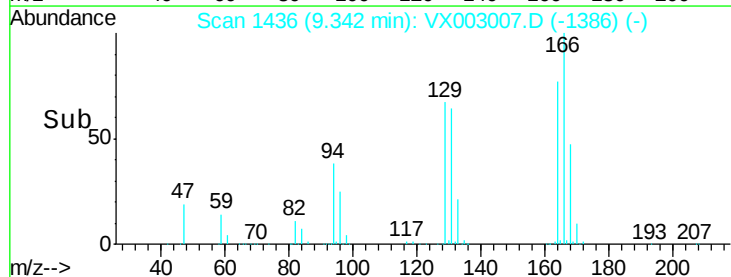
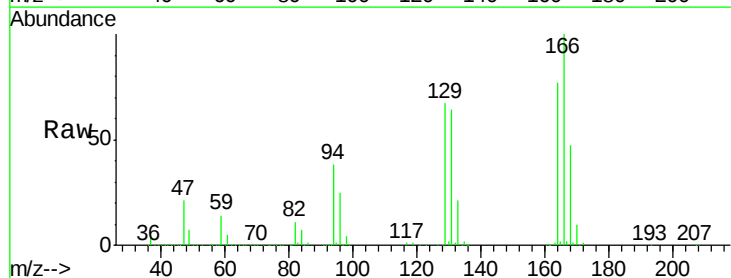
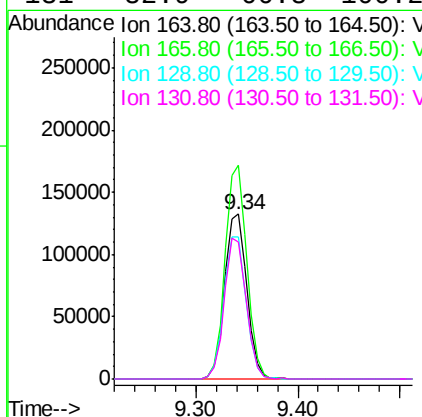
Manual Integrations
APPROVED

MMDadoda
6/29/2018 12:22:51 PM



#64
Tetrachloroethene
Concen: 49.31 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.6	102.9	154.3
129	86.3	68.6	102.8
131	82.9	66.8	100.2





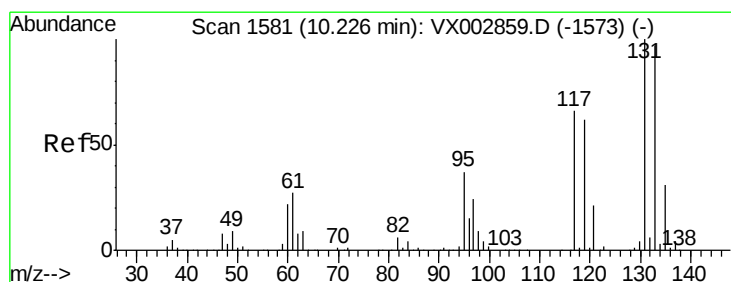
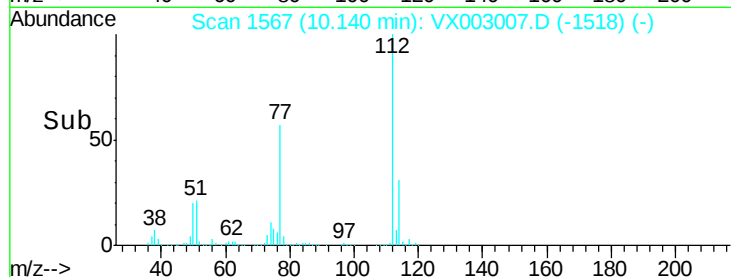
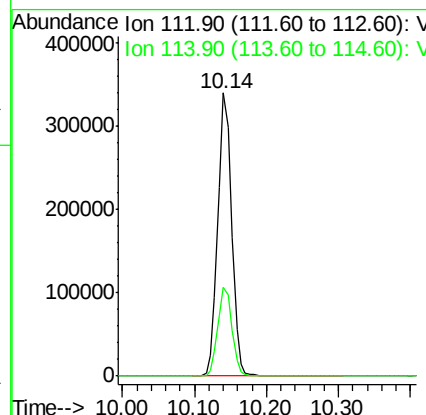
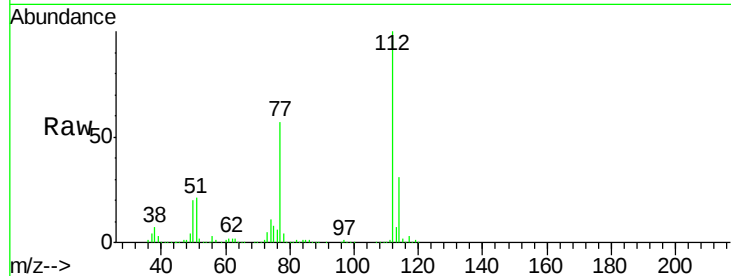
#65
Chlorobenzene
Concen: 49.35 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.3	37.9

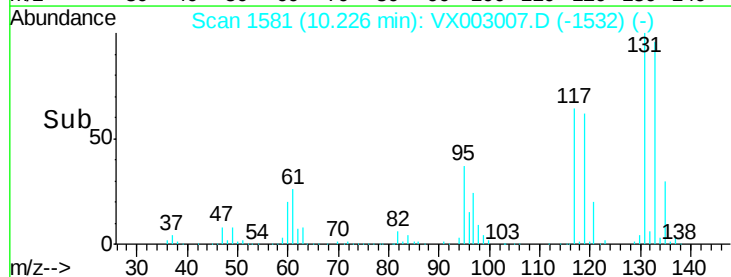
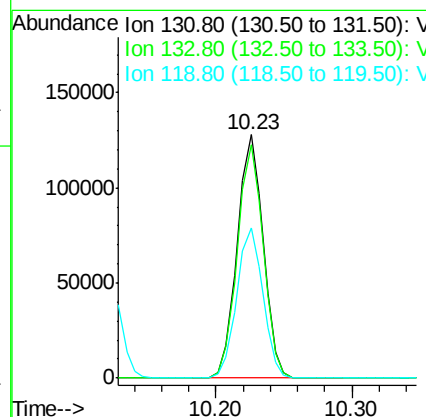
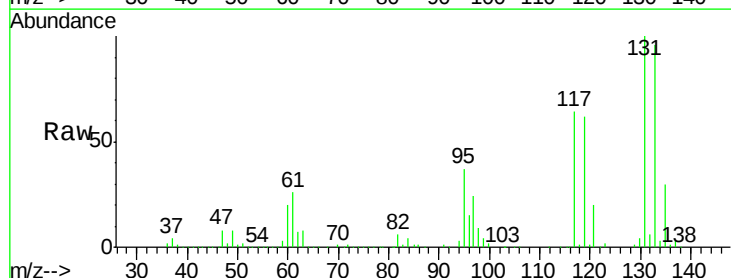
Manual Integrations
APPROVED

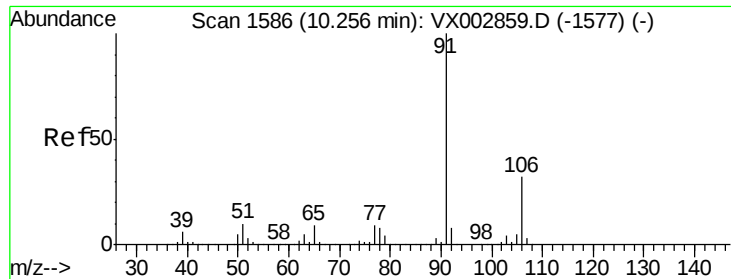
MMDadoda
6/29/2018 12:22:51 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 50.90 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.8	47.9	143.6
119	62.7	31.8	95.3





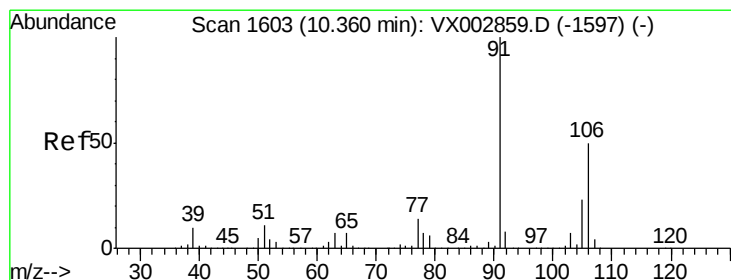
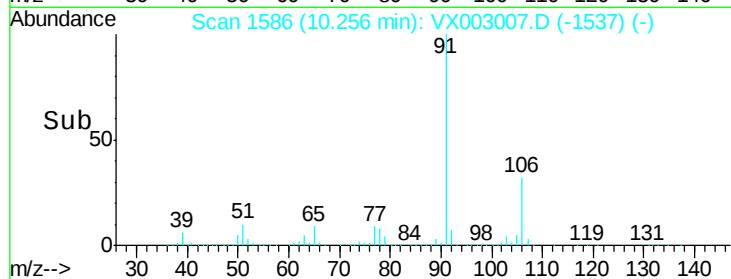
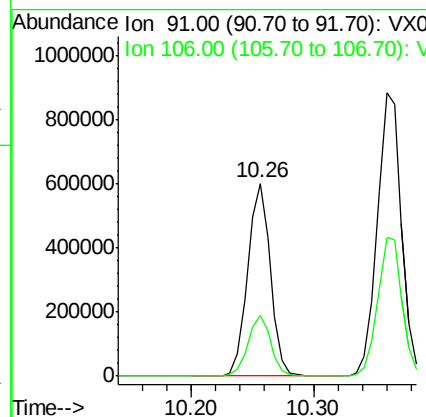
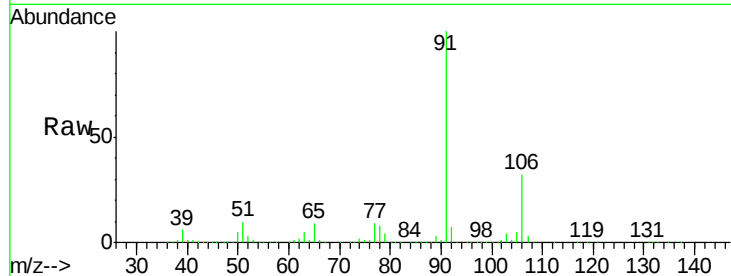
#67
Ethyl Benzene
Concen: 50.67 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 770411
Ion Ratio Lower Upper
91 100
106 31.6 25.5 38.3

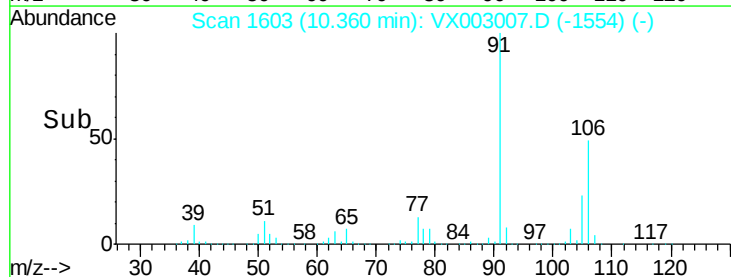
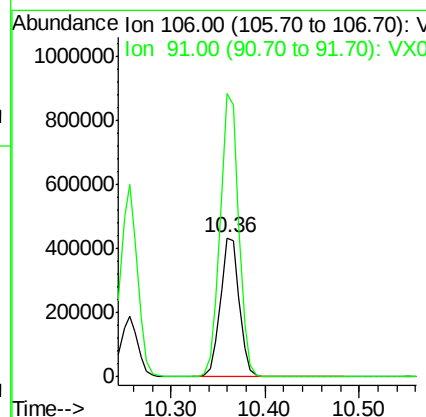
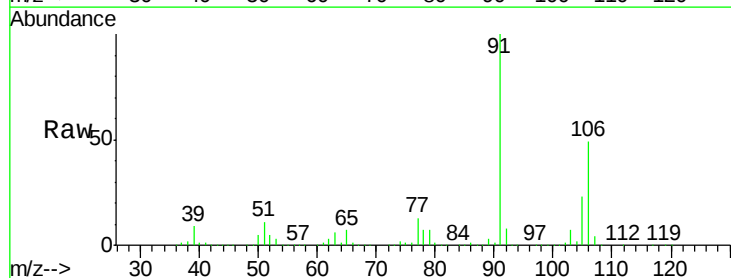
Manual Integrations
APPROVED

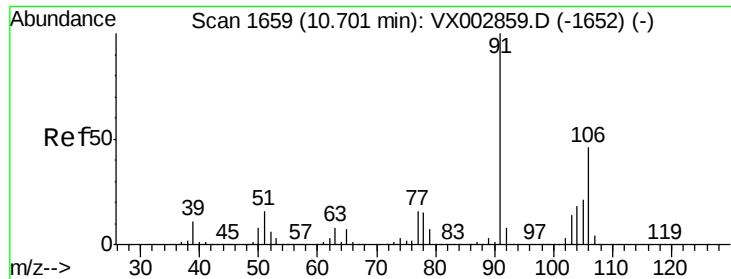
MMDadoda
6/29/2018 12:22:51 PM



#68
m/p-Xylenes
Concen: 102.28 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

Tgt Ion: 106 Resp: 599313
Ion Ratio Lower Upper
106 100
91 202.1 163.4 245.2





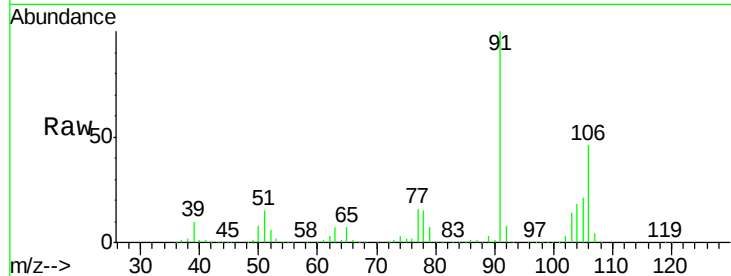
#69
o-Xylene
Concen: 51.11 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

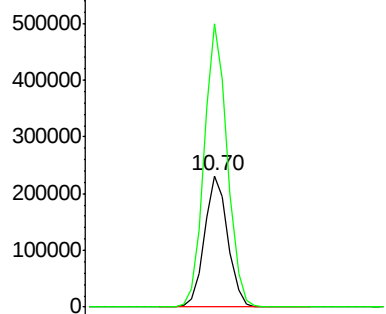
Tot Ion:106 Resp: 291577
Ion Ratio Lower Upper
106 100
91 214.2 108.2 324.6

Manual Integrations
APPROVED

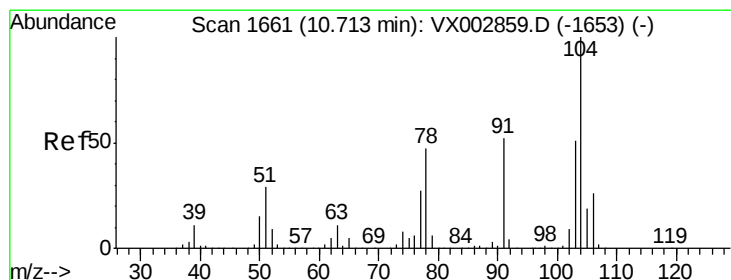
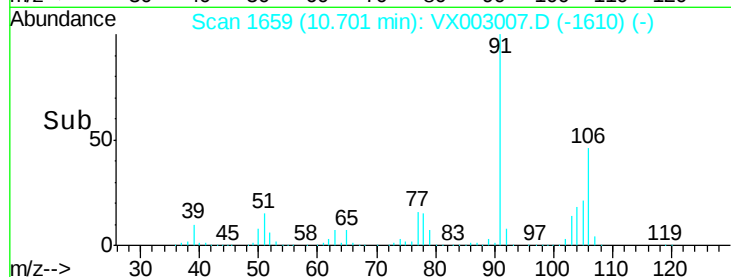
MMDadoda
6/29/2018 12:22:51 PM



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

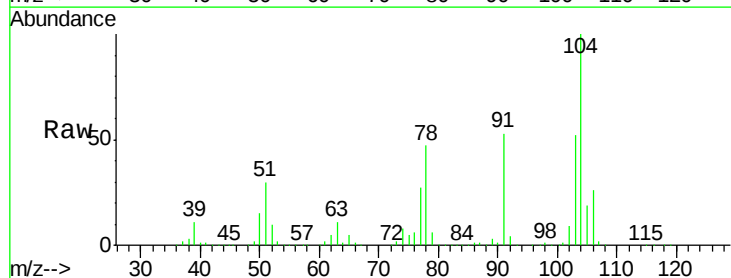


Time-->

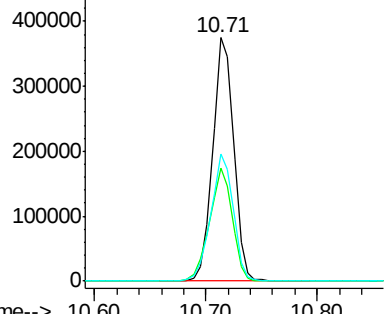


#70
Styrene
Concen: 52.83 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

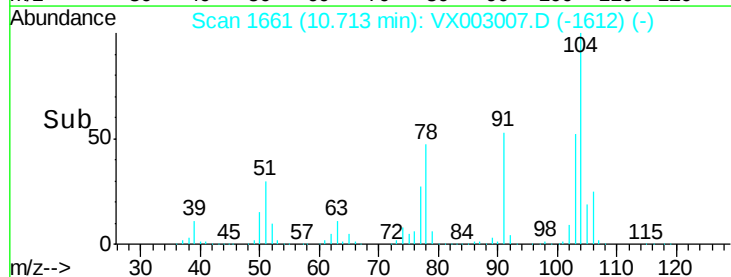
Tgt Ion:104 Resp: 489787
Ion Ratio Lower Upper
104 100
78 50.6 41.0 61.6
103 55.9 44.2 66.4

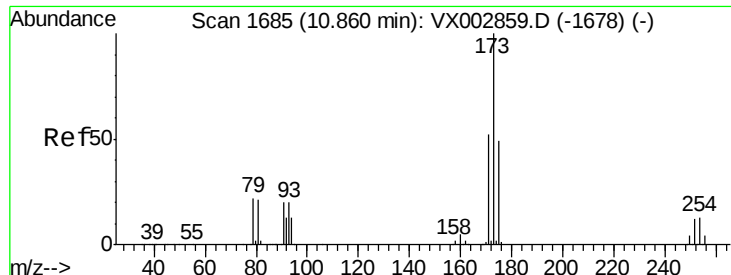


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time-->





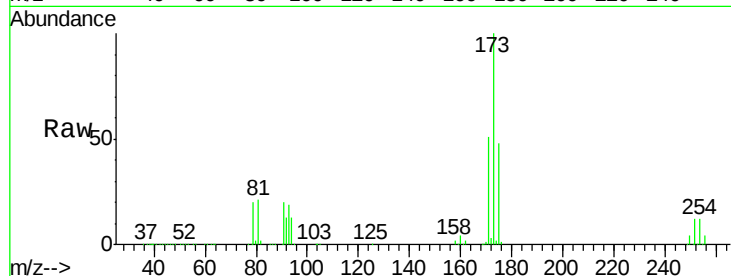
#71
Bromoform
Concen: 46.21 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

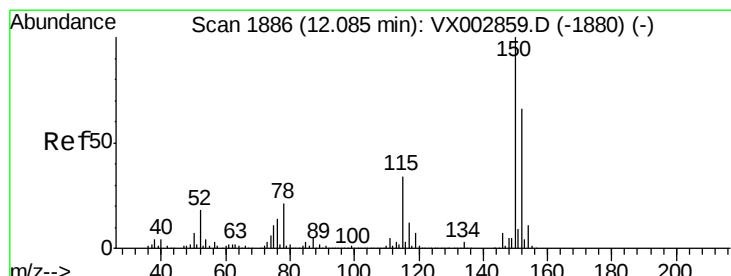
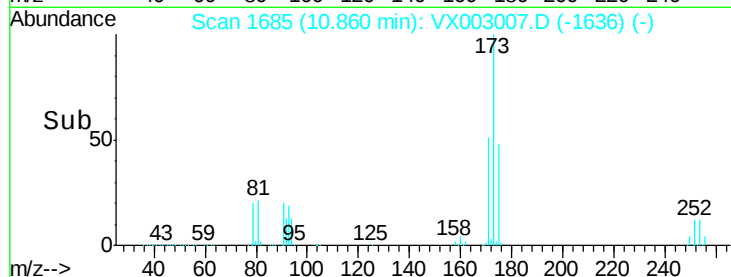
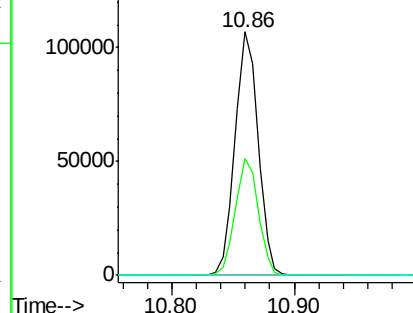
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.7	74.1
254	0.2	0.2	0.2

Manual Integrations
APPROVED

MMDadoda
6/29/2018 12:22:51 PM

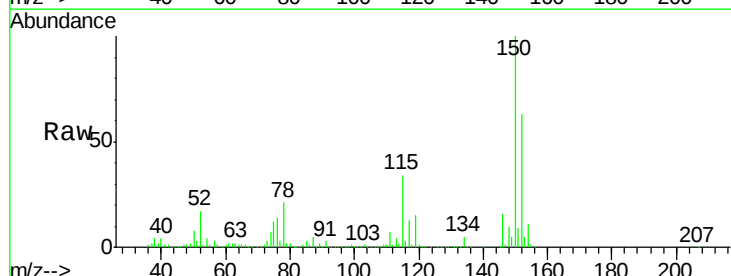


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

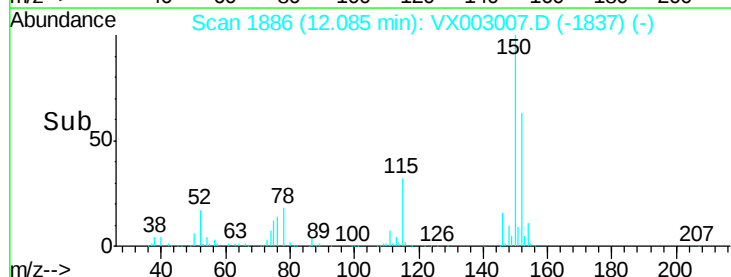
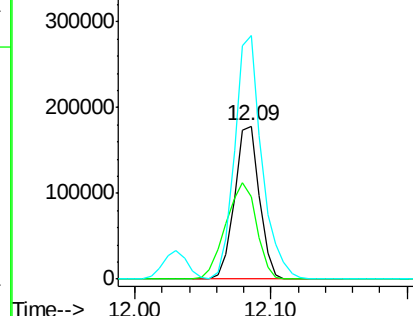


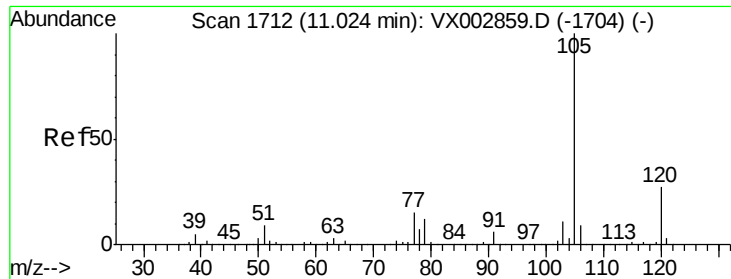
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.7	40.1	120.2
150	174.0	0.0	347.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.84 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 772401

Ion Ratio Lower Upper

105 100

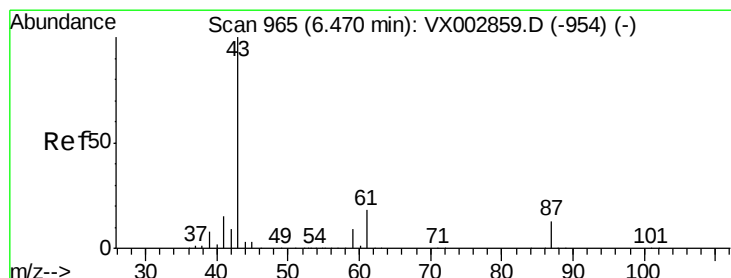
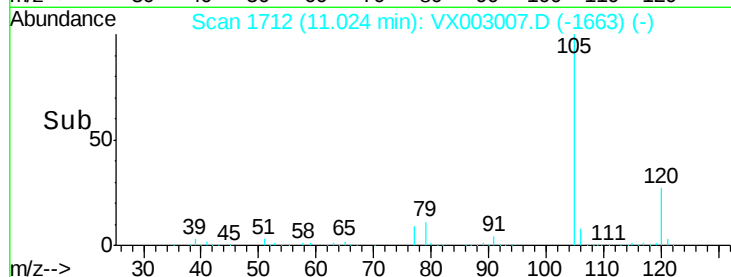
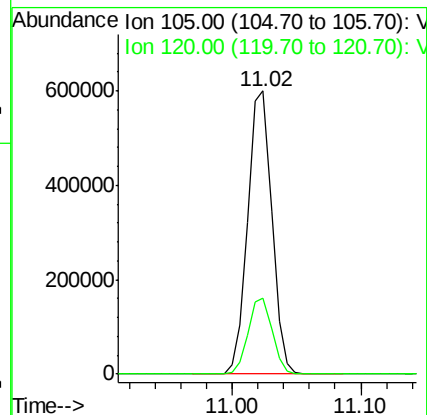
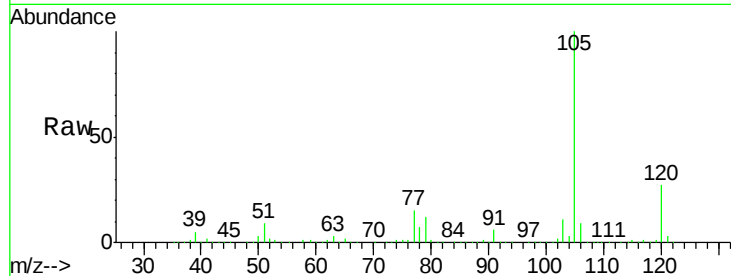
120 26.7 13.5 40.4

Manual Integrations

APPROVED

MMDadoda

6/29/2018 12:22:51 PM



#74

N-ethyl acetate

Concen: 50.46 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Tgt Ion: 43 Resp: 375151

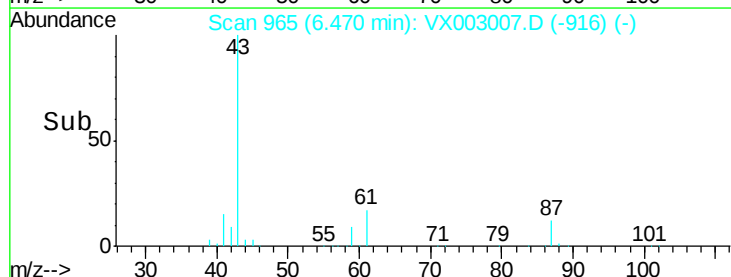
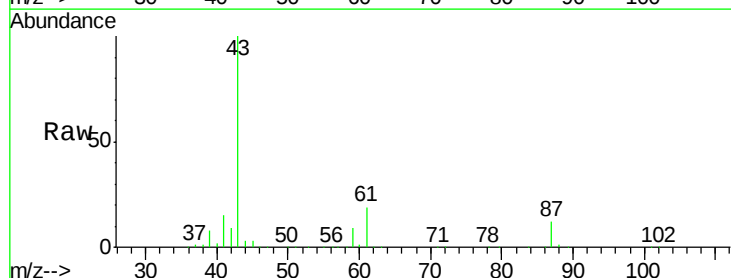
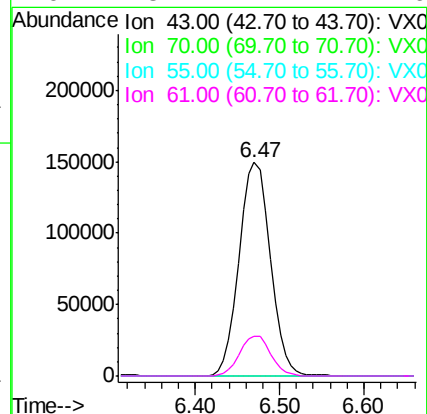
Ion Ratio Lower Upper

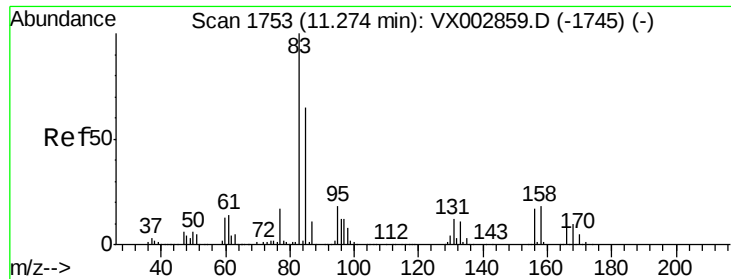
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.7 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 52.41 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

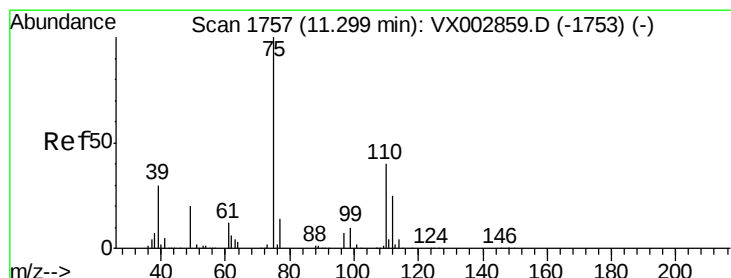
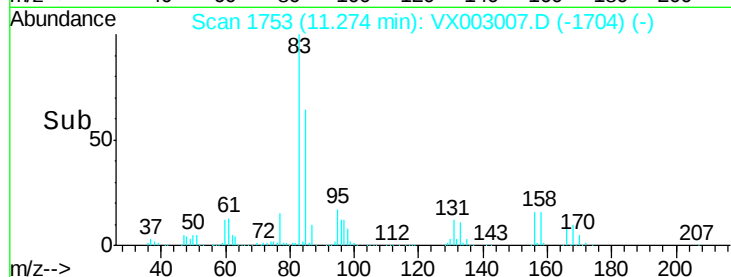
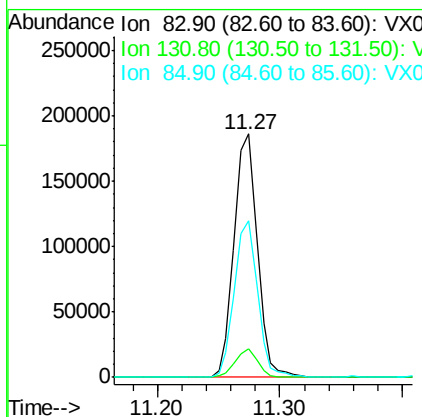
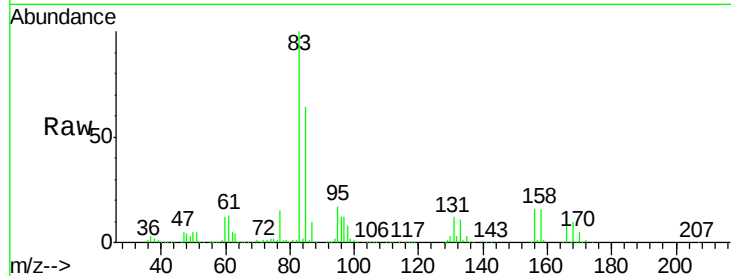
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	245280
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.6	16.8
85	64.4	32.4	97.2

Manual Integrations
APPROVED

MMDadoda
6/29/2018 12:22:51 PM



#76

1,2,3-Trichloropropane

Concen: 51.34 ug/l m

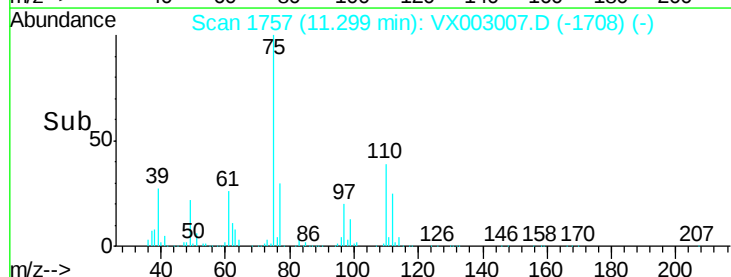
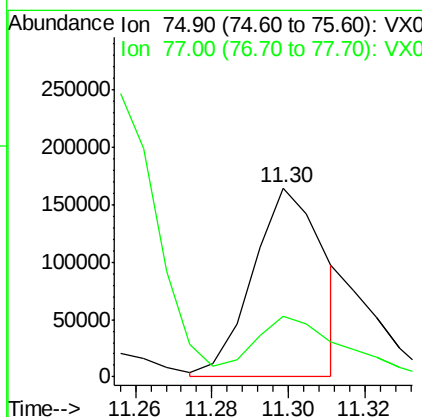
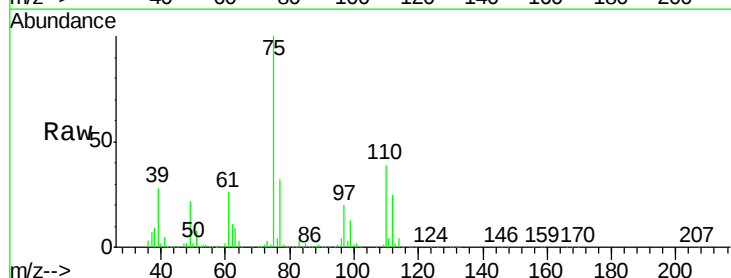
RT: 11.30 min Scan# 1757

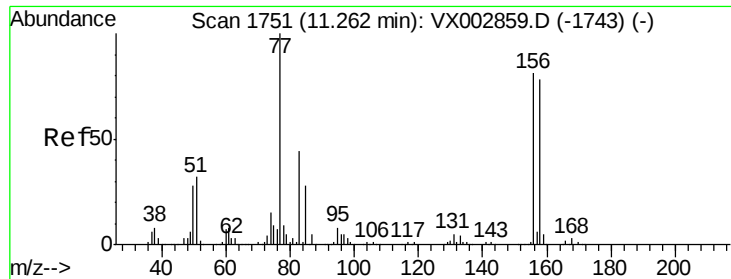
Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Tgt Ion:	75	Resp:	210023
Ion Ratio	Lower	Upper	
75	100		
77	40.8	22.8	68.3





#77

Bromobenzene

Concen: 50.71 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

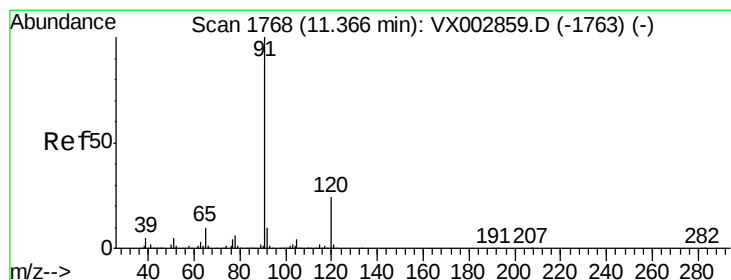
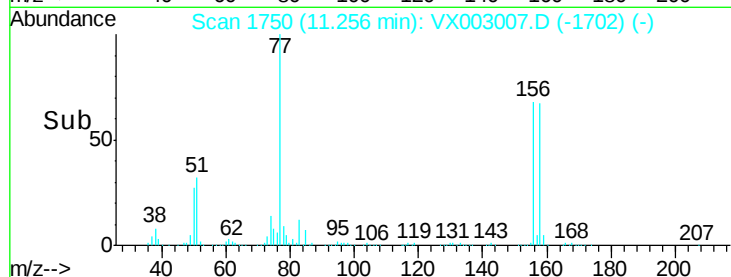
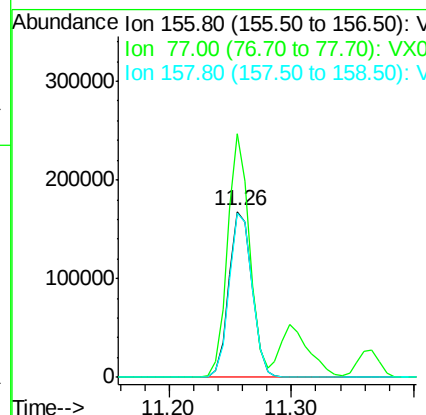
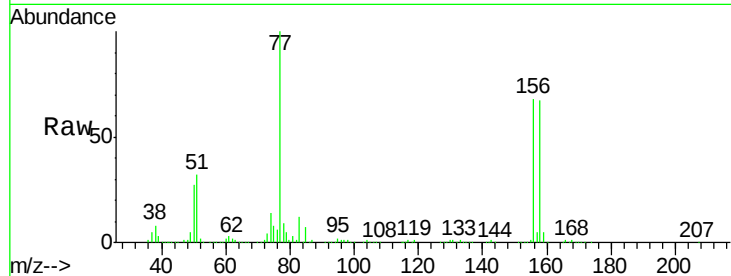
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		219424		
77	138.8	71.4	214.2		
158	98.4	48.9	146.6		

Manual Integrations
APPROVED

MMDadoda
6/29/2018 12:22:51 PM



#78

n-propylbenzene

Concen: 50.14 ug/l

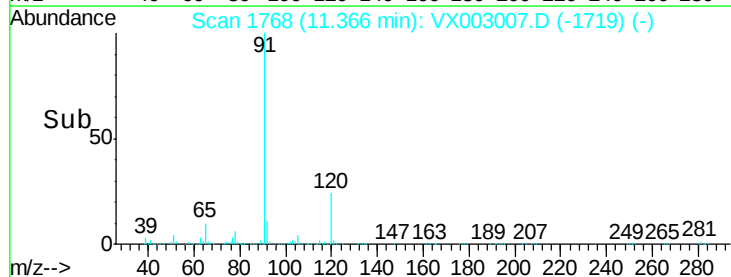
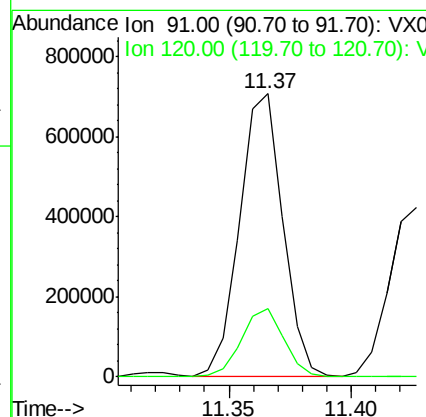
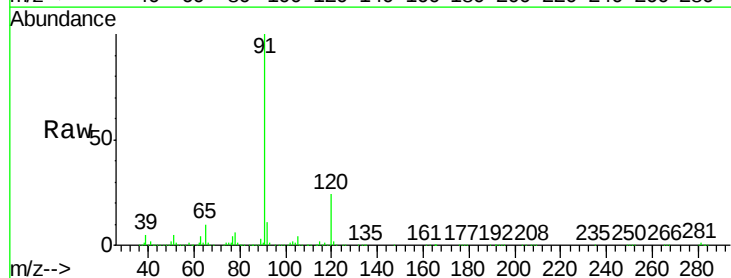
RT: 11.37 min Scan# 1768

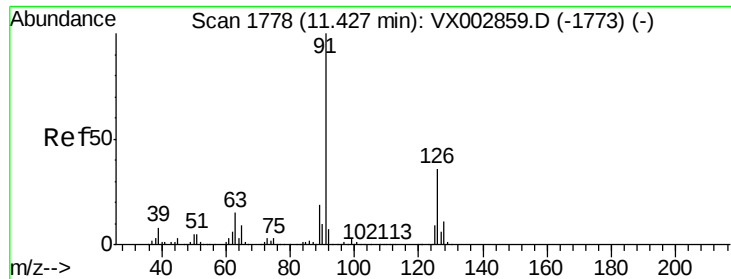
Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		867133		
120	23.9	11.8	35.4		





#79

2-Chlorotoluene

Concen: 50.67 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 530527

Ion Ratio Lower Upper

91 100

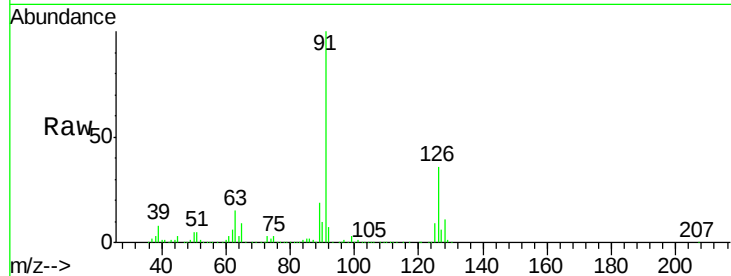
126 35.8 17.7 53.1

Manual Integrations

APPROVED

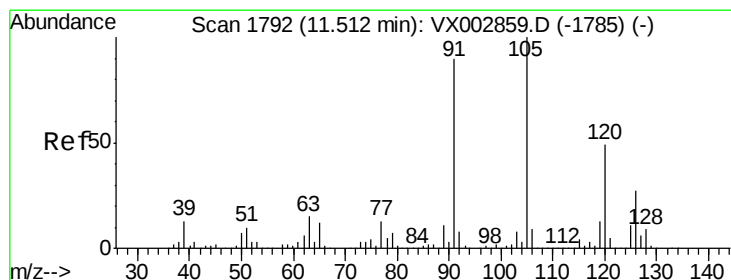
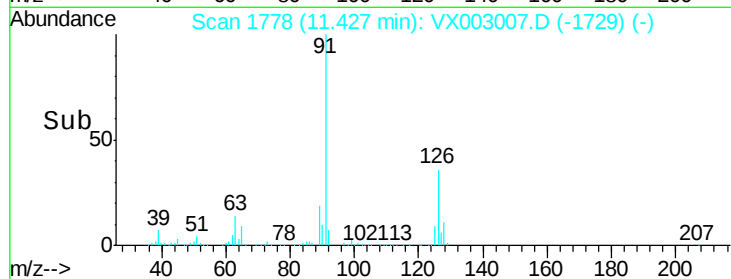
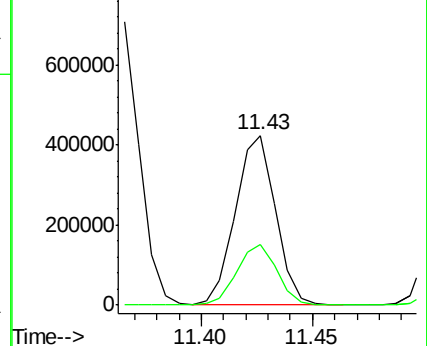
MMDadoda

6/29/2018 12:22:51 PM



Abundance Ion 91.00 (90.70 to 91.70): VX002859.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX002859.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.72 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003007.D

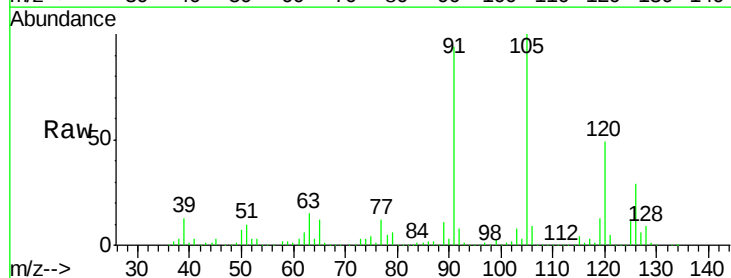
Acq: 29 Jun 2018 01:24

Tgt Ion: 105 Resp: 649005

Ion Ratio Lower Upper

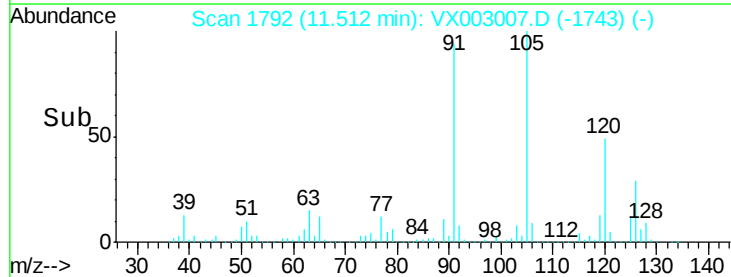
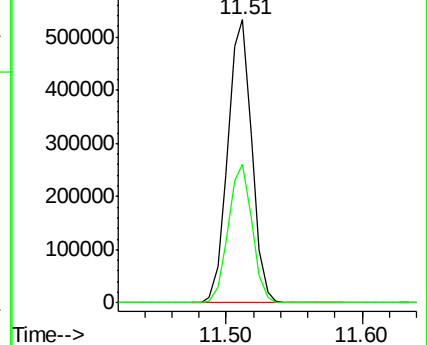
105 100

120 48.7 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX002859.D (-1785) (-)

Ion 120.00 (119.70 to 120.70): VX002859.D (-1785) (-)





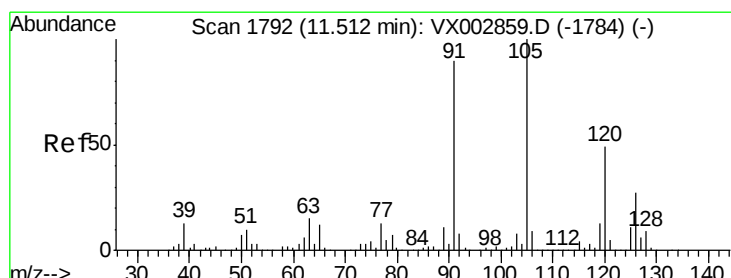
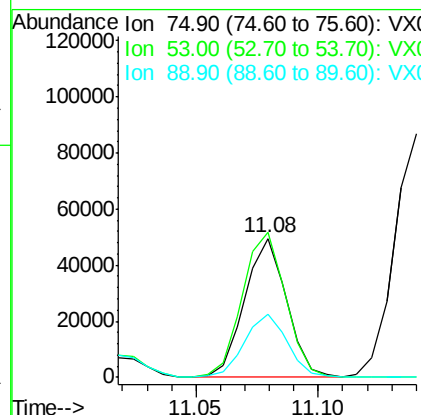
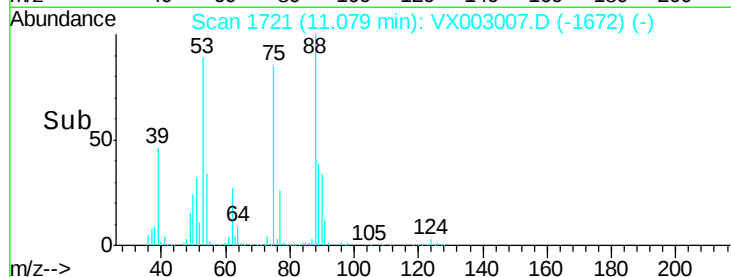
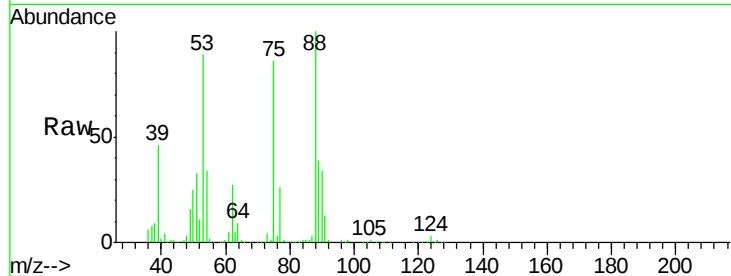
#81
trans-1,4-Dichloro-2-butene
Concen: 42.40 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	107.4	86.8	130.2
89	46.7	38.2	57.2

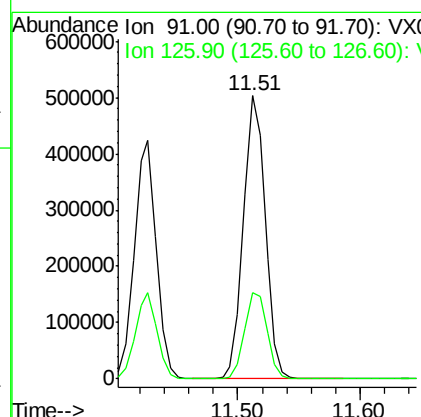
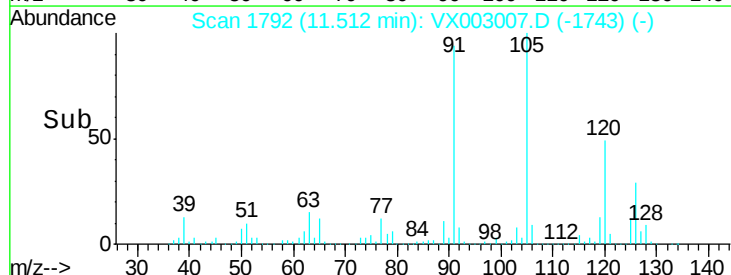
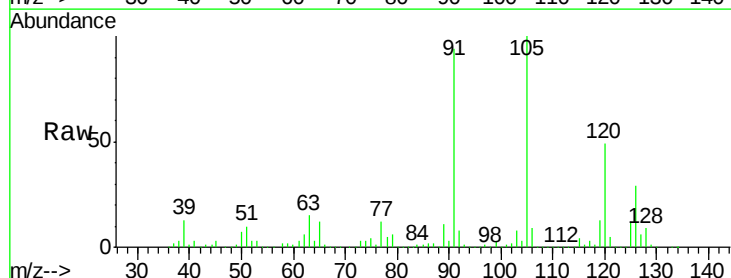
Manual Integrations
APPROVED

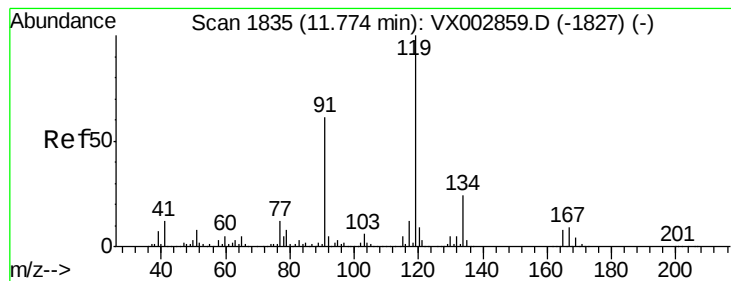
MMDadoda
6/29/2018 12:22:51 PM



#82
4-Chlorotoluene
Concen: 50.12 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.5	15.4	46.4





#83

tert-Butylbenzene

Concen: 50.30 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

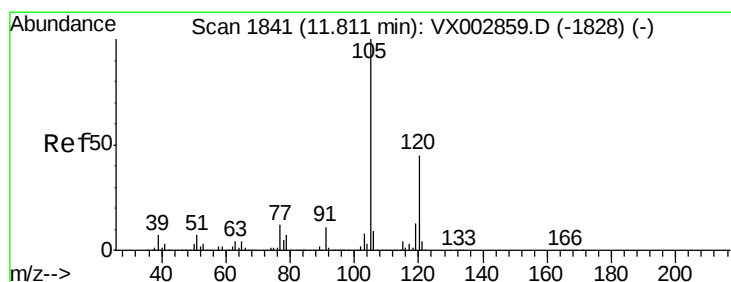
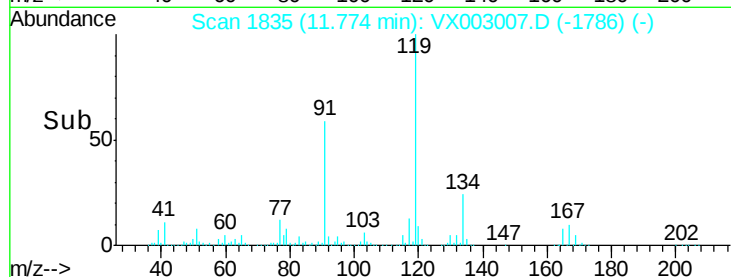
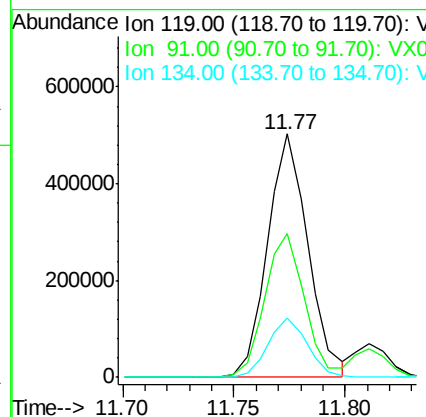
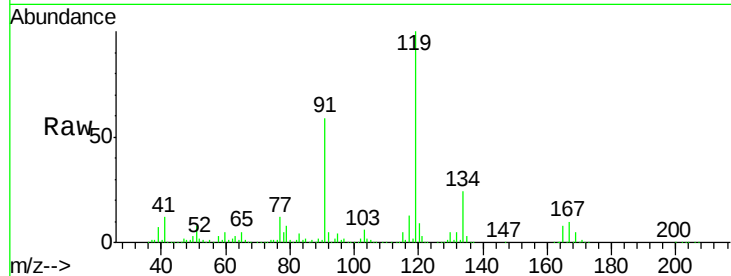
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	634387
Ion Ratio	Lower	Upper	
119	100		
91	58.1	30.3	90.9
134	23.7	11.7	35.1

Manual Integrations
APPROVED

MMDadoda
6/29/2018 12:22:51 PM



#84

1,2,4-Trimethylbenzene

Concen: 50.69 ug/l

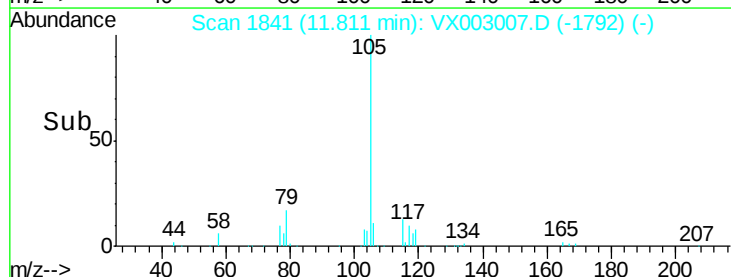
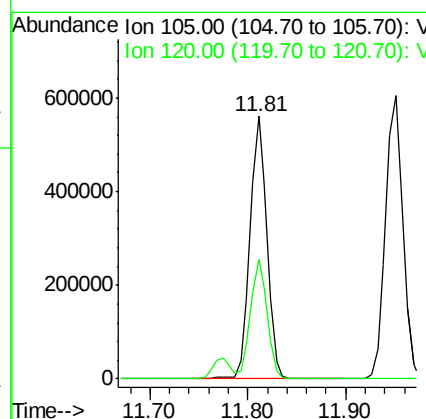
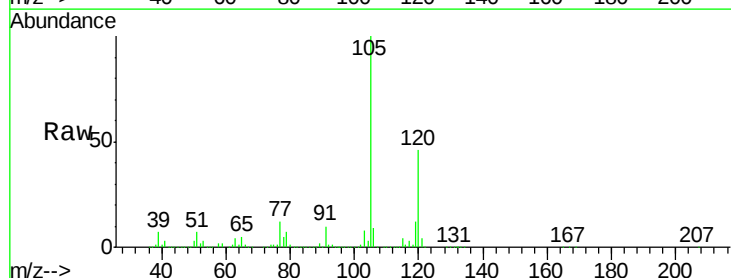
RT: 11.81 min Scan# 1841

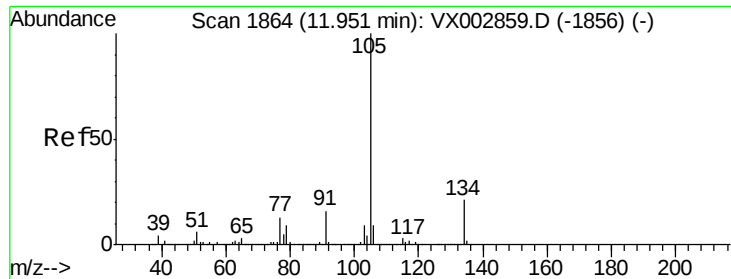
Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Tgt Ion:	105	Resp:	672095
Ion Ratio	Lower	Upper	
105	100		
120	45.2	22.3	66.8





#85

sec-Butylbenzene

Concen: 48.78 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 746331

Ion Ratio Lower Upper

105 100

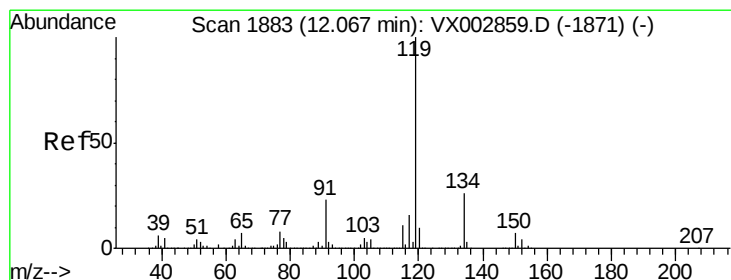
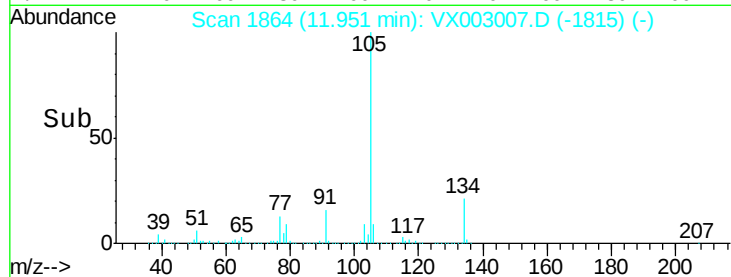
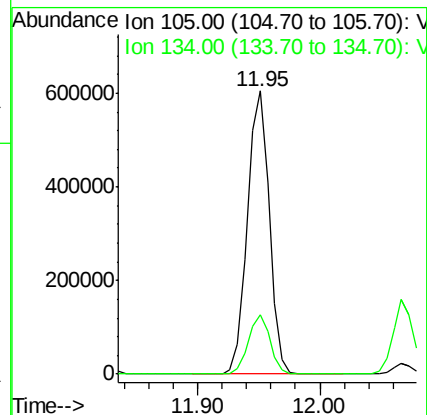
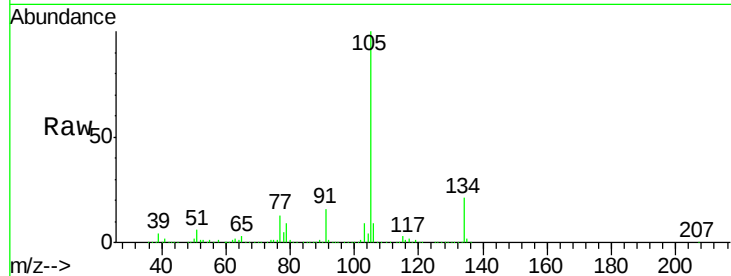
134 20.8 10.4 31.1

Manual Integrations

APPROVED

MMDadoda

6/29/2018 12:22:51 PM



#86

p-Isopropyltoluene

Concen: 49.45 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

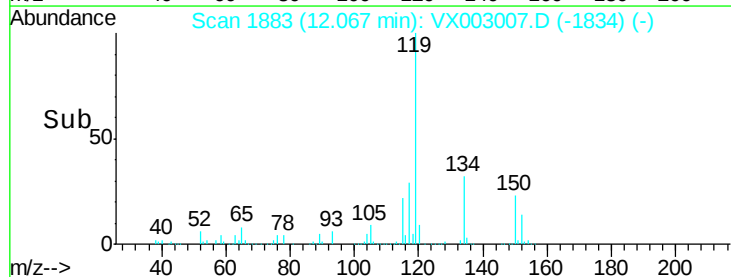
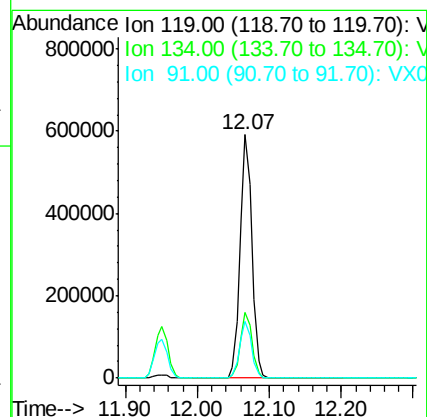
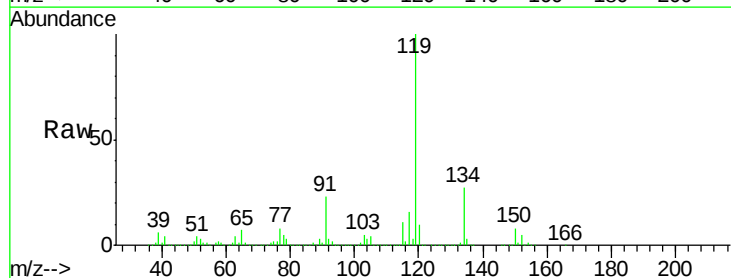
Tgt Ion:119 Resp: 680163

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

91 23.2 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 49.79 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:146 Resp: 393488

Ion Ratio Lower Upper

146 100

111 37.2 18.9 56.7

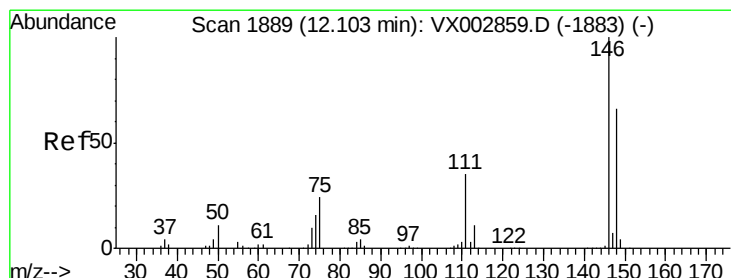
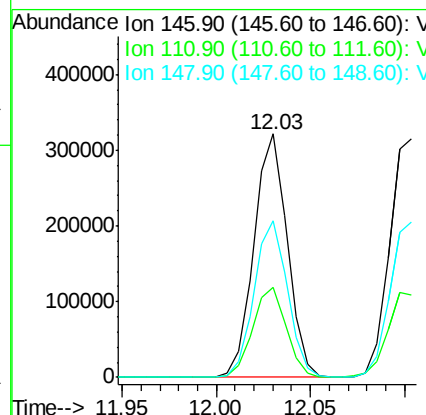
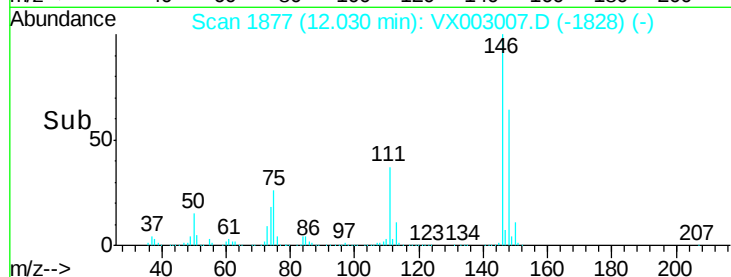
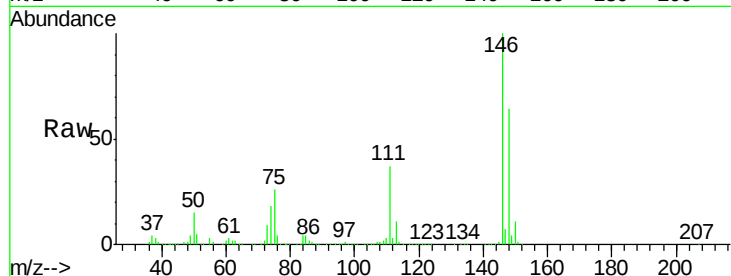
148 64.3 32.1 96.3

Manual Integrations

APPROVED

MMDadoda

6/29/2018 12:22:51 PM



#88

1,4-Dichlorobenzene

Concen: 48.71 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

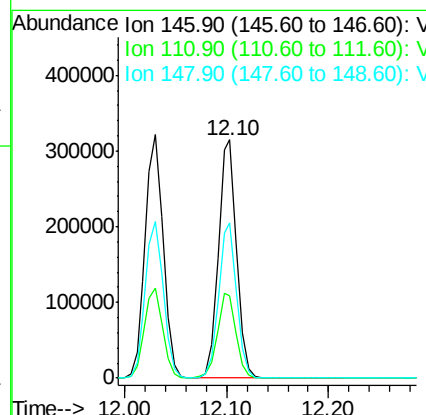
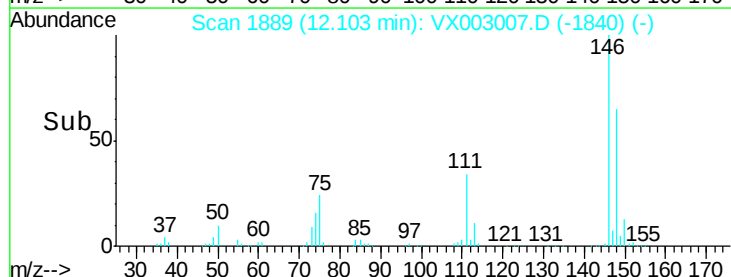
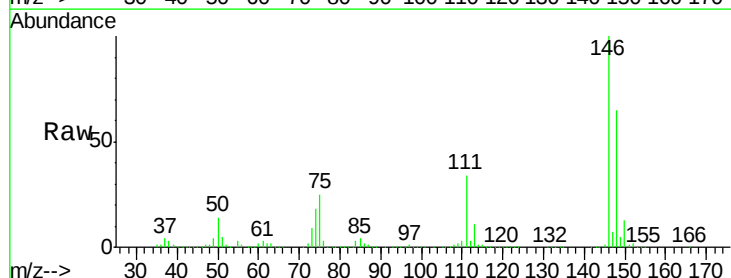
Tgt Ion:146 Resp: 396167

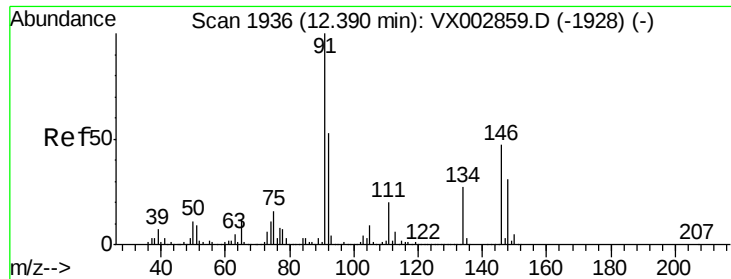
Ion Ratio Lower Upper

146 100

111 36.4 18.7 56.1

148 64.4 32.4 97.0





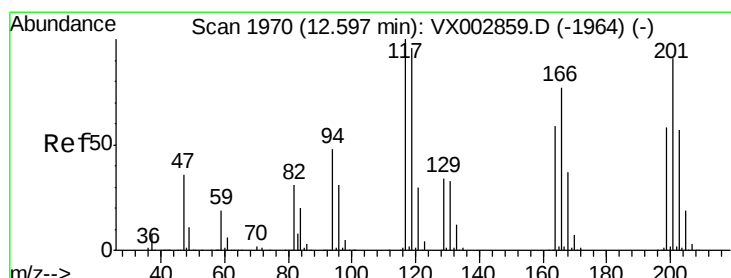
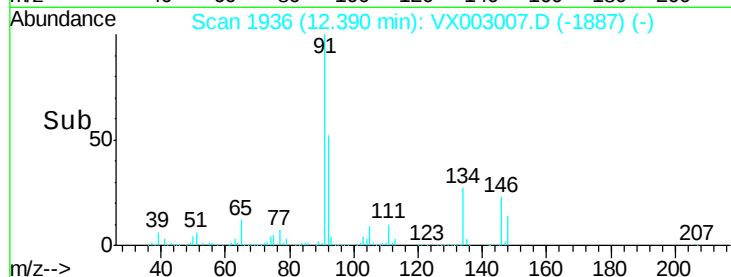
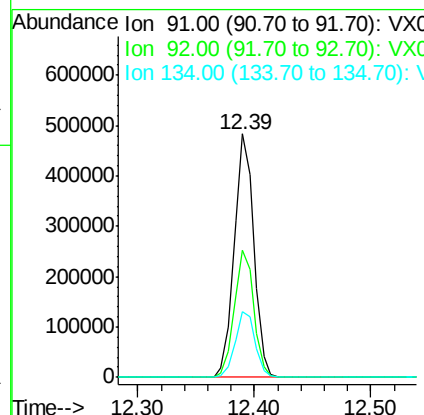
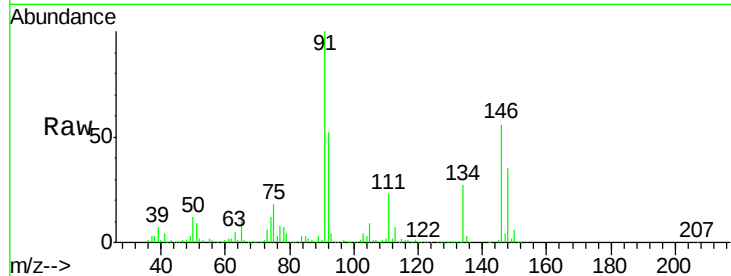
#89
n-Butylbenzene
Concen: 47.21 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.0	78.0
134	27.8	13.5	40.5

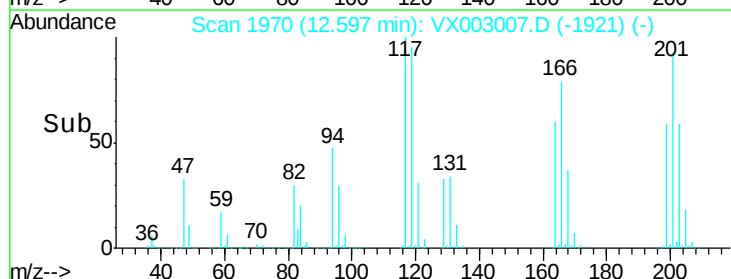
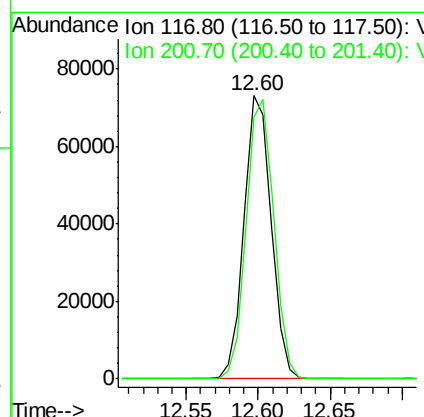
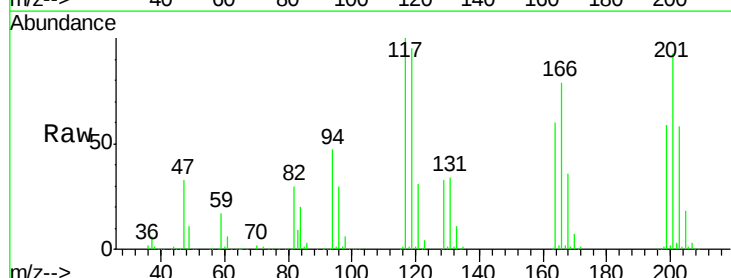
Manual Integrations
APPROVED

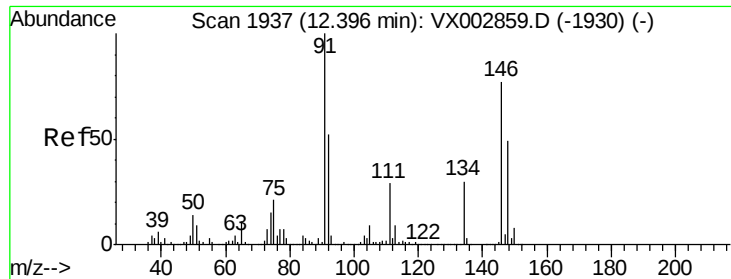
MMDadoda
6/29/2018 12:22:51 PM



#90
Hexachloroethane
Concen: 46.65 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX003007.D
Acq: 29 Jun 2018 01:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	100.0	49.0	147.0





#91

1,2-Dichlorobenzene

Concen: 50.22 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

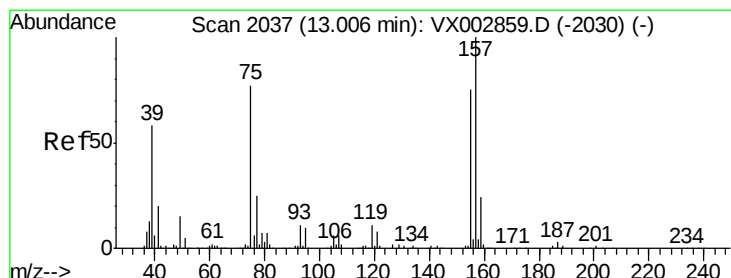
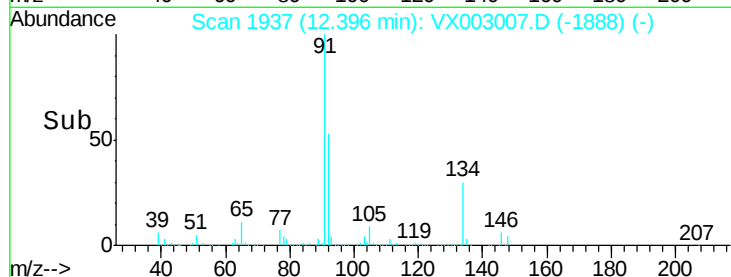
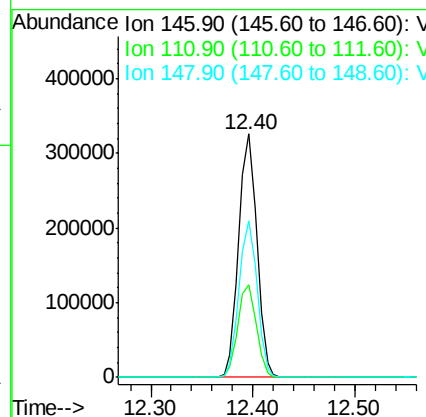
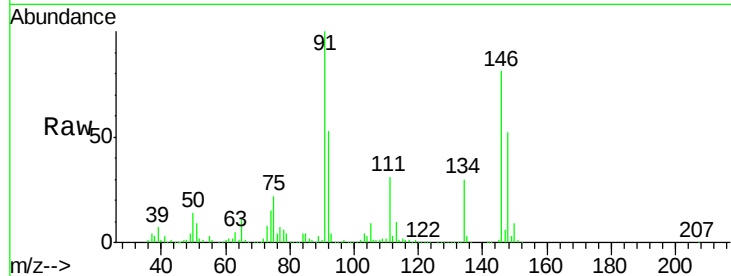
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.4	58.1
148	63.8	31.7	95.1

Manual Integrations
APPROVED

MMDadoda
6/29/2018 12:22:51 PM



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.95 ug/l

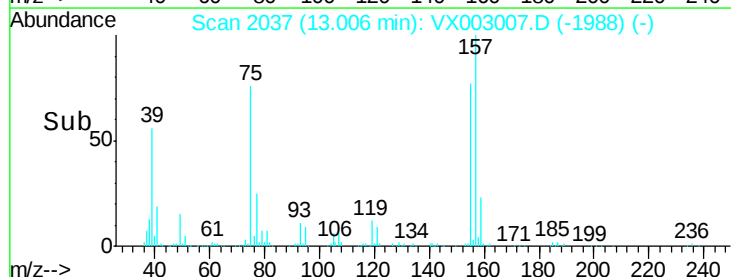
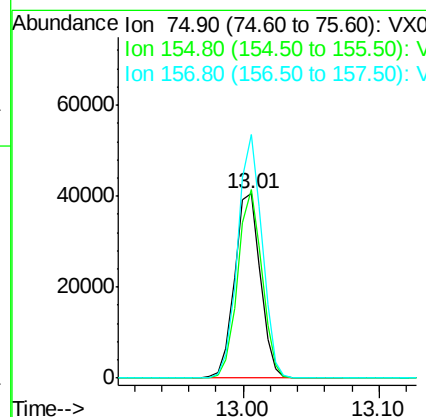
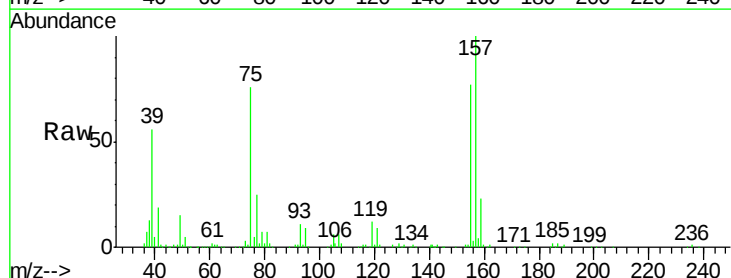
RT: 13.01 min Scan# 2037

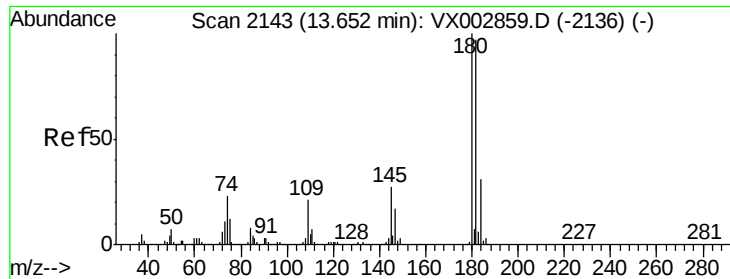
Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.5	45.8	137.4
157	123.9	60.1	180.3





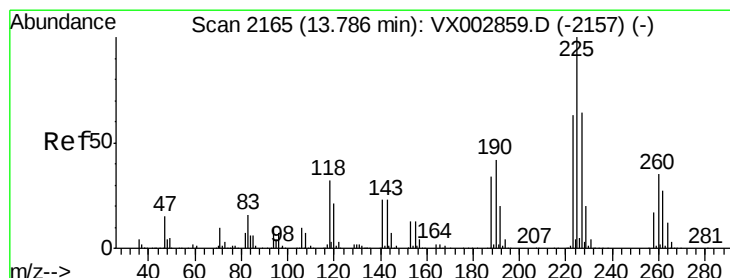
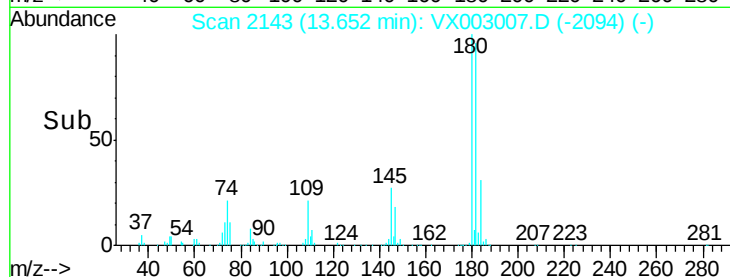
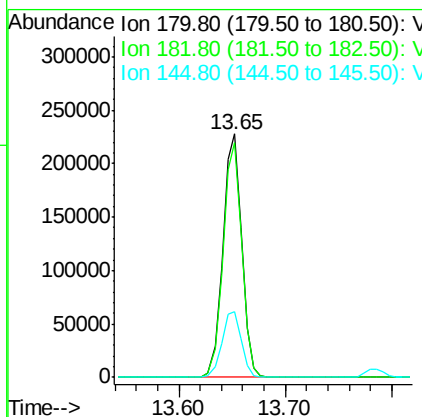
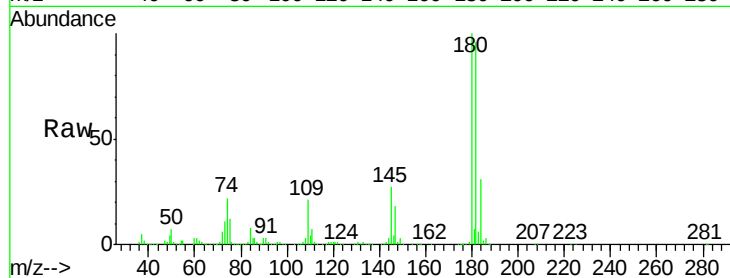
#93
 1,2,4-Trichlorobenzene
 Concen: 48.34 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003007.D
 Acq: 29 Jun 2018 01:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	280608		
182	95.8	47.7	143.1	
145	27.8	14.1	42.4	

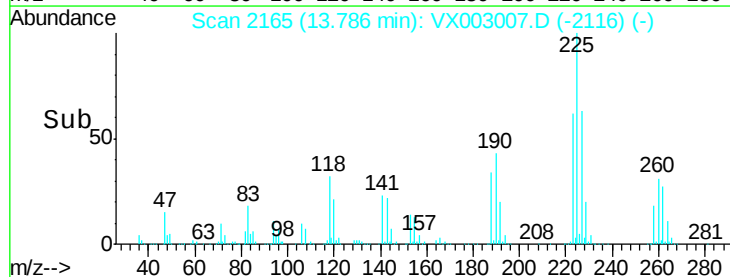
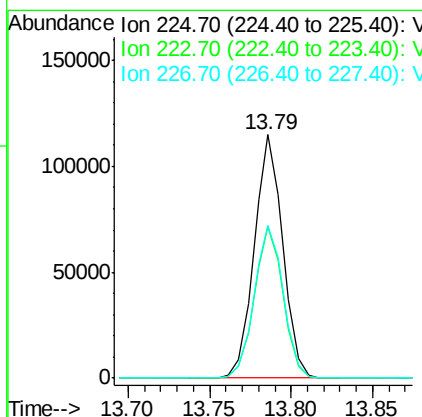
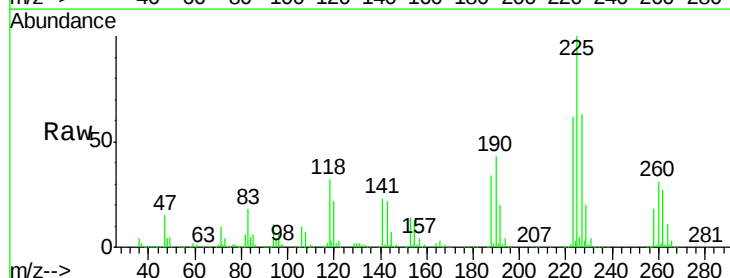
Manual Integrations
 APPROVED

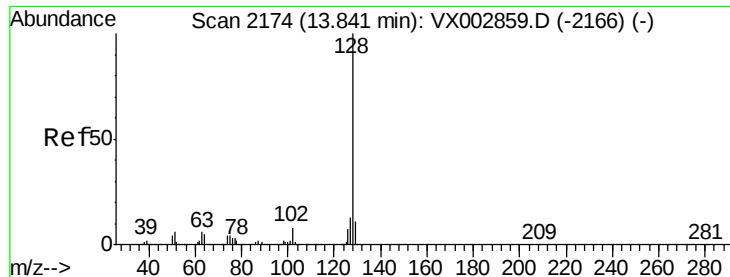
MMDadoda
 6/29/2018 12:22:51 PM



#94
 Hexachlorobutadiene
 Concen: 47.84 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003007.D
 Acq: 29 Jun 2018 01:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	138516		
223	62.9	31.6	95.0	
227	64.1	32.4	97.2	





#95

Naphthalene

Concen: 54.08 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Instrument :

MSVOA_X

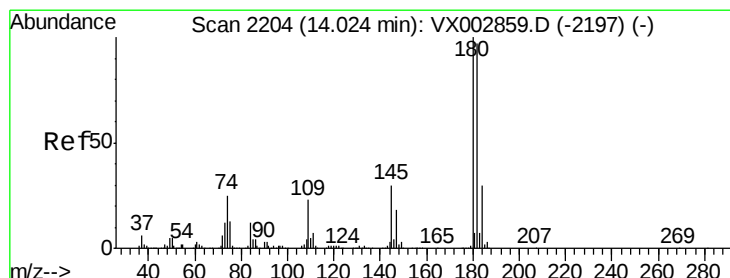
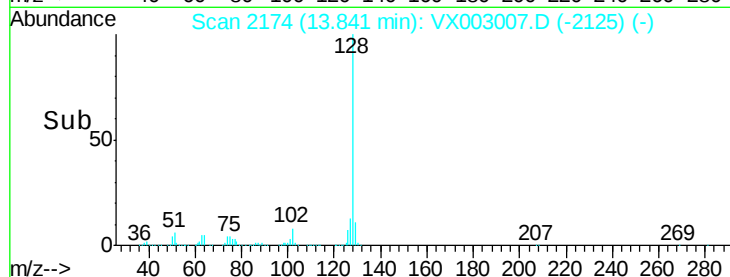
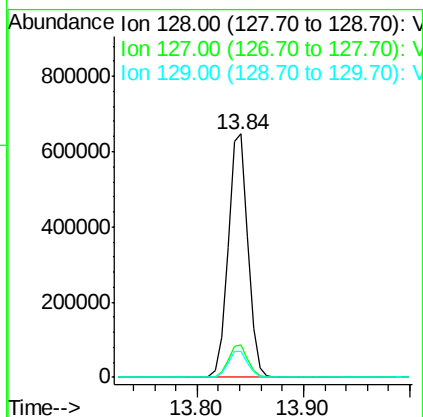
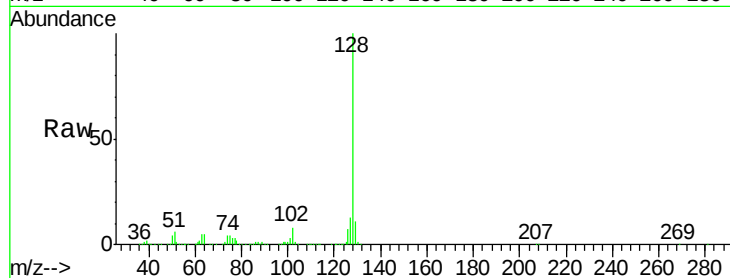
ClientSampled :

VSTDCCC050

Tot Ion:	128	Resp:	836153
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/29/2018 12:22:51 PM



#96

1,2,3-Trichlorobenzene

Concen: 49.84 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX003007.D

Acq: 29 Jun 2018 01:24

Tgt Ion:	180	Resp:	288972
Ion Ratio	Lower	Upper	
180	100		
182	96.9	48.0	144.0
145	29.4	14.8	44.3

