

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX060118\
 Data File : VX002217.D
 Acq On : 01 Jun 2018 17:35
 Operator : JC/MD
 Sample : VX0601WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/4/2018 2:31:32 PM

Quant Time: Jun 02 03:38:34 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	221167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	309232	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	292411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	195831	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	197952	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
35) Dibromofluoromethane	5.51	113	147956	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
50) Toluene-d8	8.72	98	569059	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
62) 4-Bromofluorobenzene	11.14	95	217042	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	43429	14.236	ug/l	99
3) Chloromethane	1.32	50	58288	17.129	ug/l	98
4) Vinyl Chloride	1.40	62	60040	18.273	ug/l	99
5) Bromomethane	1.64	94	37904	24.573	ug/l	98
6) Chloroethane	1.72	64	41111	21.225	ug/l	97
7) Trichlorofluoromethane	1.93	101	102405	20.754	ug/l	99
8) Diethyl Ether	2.19	74	41284	23.060	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	59973	21.781	ug/l	98
10) Methyl Iodide	2.51	142	68583	18.409	ug/l	97
11) Tert butyl alcohol	3.07	59	87562	112.835	ug/l	98
12) 1,1-Dichloroethene	2.37	96	51883	20.126	ug/l	90
13) Acrolein	2.29	56	23655	70.502	ug/l	99
14) Allyl chloride	2.73	41	115121	21.275	ug/l	97
15) Acrylonitrile	3.15	53	183895	115.238	ug/l	99
16) Acetone	2.45	43	193609	126.896	ug/l	99
17) Carbon Disulfide	2.57	76	112480	15.161	ug/l	98
18) Methyl Acetate	2.78	43	94357	25.106	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	221794	22.875	ug/l	99
20) Methylene Chloride	2.86	84	64766	23.637	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	57746	22.128	ug/l	98
22) Diisopropyl ether	3.87	45	231061	20.993	ug/l	96
23) Vinyl Acetate	3.82	43	1012922	110.995	ug/l	98
24) 1,1-Dichloroethane	3.70	63	118833	22.728	ug/l	99
25) 2-Butanone	4.71	43	254972	91.179	ug/l	99
26) 2,2-Dichloropropane	4.58	77	85035	16.068	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	62019	18.450	ug/l	99
28) Bromochloromethane	5.02	49	62570	27.562	ug/l	100
29) Tetrahydrofuran	5.17	42	161359	88.689	ug/l	99
30) Chloroform	5.22	83	110137	18.697	ug/l	97
31) Cyclohexane	5.57	56	89236	16.381	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	91756	16.708	ug/l	98
36) 1,1-Dichloropropene	5.80	75	73495	17.087	ug/l	99
37) Ethyl Acetate	4.87	43	98162	17.505	ug/l	99
38) Carbon Tetrachloride	5.79	117	75877	15.128	ug/l	99

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX060118\
 Data File : VX002217.D
 Acq On : 01 Jun 2018 17:35
 Operator : JC/MD
 Sample : VX0601WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0601WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/4/2018 2:31:32 PM

Quant Time: Jun 02 03:38:34 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	94615	17.905	ug/l	98
40) Benzene	6.15	78	233191	18.505	ug/l	100
41) Methacrylonitrile	5.07	41	55850	18.002	ug/l	98
42) 1,2-Dichloroethane	6.20	62	96019	19.076	ug/l	99
43) Isopropyl Acetate	6.47	43	163936	17.545	ug/l	100
44) Trichloroethene	7.21	130	65562	17.854	ug/l	96
45) 1,2-Dichloropropane	7.52	63	64791	18.933	ug/l	98
46) Dibromomethane	7.67	93	42778	18.880	ug/l	98
47) Bromodichloromethane	7.90	83	75987	15.729	ug/l	98
48) Methyl methacrylate	7.78	41	83425	17.543	ug/l	98
49) 1,4-Dioxane	7.76	88	30401	362.780	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	531011	94.277	ug/l	99
52) Toluene	8.79	92	153899	19.190	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	93850	16.867	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	87365	16.113	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	64194	19.161	ug/l	99
56) Ethyl methacrylate	9.18	69	99680	17.298	ug/l	99
57) 1,3-Dichloropropane	9.38	76	106929	19.374	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	238408	93.344	ug/l	99
59) 2-Hexanone	9.50	43	407907	93.923	ug/l	99
60) Dibromochloromethane	9.59	129	61212	15.426	ug/l	100
61) 1,2-Dibromoethane	9.68	107	66178	18.825	ug/l	99
64) Tetrachloroethene	9.34	164	74887	17.862	ug/l	98
65) Chlorobenzene	10.14	112	173191	18.694	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	62351	16.667	ug/l	99
67) Ethyl Benzene	10.26	91	297452	18.480	ug/l	99
68) m/p-Xylenes	10.36	106	227806	37.024	ug/l	99
69) o-Xylene	10.70	106	114627	18.658	ug/l	99
70) Styrene	10.72	104	186240	18.279	ug/l	99
71) Bromoform	10.86	173	44274	12.481	ug/l #	98
73) Isopropylbenzene	11.02	105	302580	18.246	ug/l	100
74) N-amyl acetate	6.47	43	163936	16.973	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	92293	19.578	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	96196m	20.451	ug/l	
77) Bromobenzene	11.26	156	83553	18.990	ug/l	96
78) n-propylbenzene	11.37	91	341974	18.412	ug/l	100
79) 2-Chlorotoluene	11.43	91	205627	18.741	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	256207	18.079	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	23934	12.229	ug/l #	81
82) 4-Chlorotoluene	11.51	91	243279	18.571	ug/l	100
83) tert-Butylbenzene	11.77	119	253194	18.206	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	269882	18.428	ug/l	99
85) sec-Butylbenzene	11.95	105	304826	18.234	ug/l	100
86) p-Isopropyltoluene	12.07	119	275967	18.448	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	146832	18.635	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	151039	19.173	ug/l	100
89) n-Butylbenzene	12.39	91	232552	18.346	ug/l	99
90) Hexachloroethane	12.60	117	38471	13.038	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	155407	19.358	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20478	13.889	ug/l	98

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX060118\
Data File : VX002217.D
Acq On : 01 Jun 2018 17:35
Operator : JC/MD
Sample : VX0601WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

Manual Integrations
APPROVED

MMDadoda
6/4/2018 2:31:32 PM

Quant Time: Jun 02 03:38:34 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	108863	18.963	ug/l	99
94) Hexachlorobutadiene	13.79	225	56991	18.455	ug/l	99
95) Naphthalene	13.84	128	324966	18.373	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	113390	19.089	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002217.D

Acq: 01 Jun 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

Tgt Ion:168 Resp: 221167

Ion Ratio Lower Upper

168 100

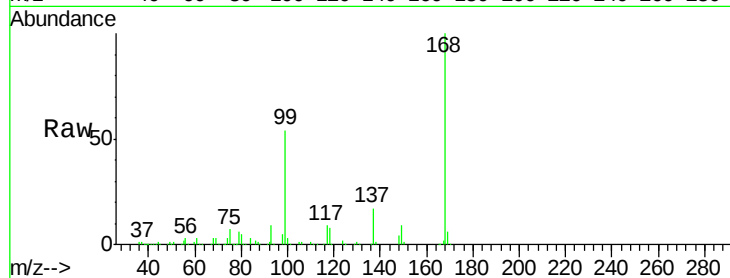
99 53.4 41.0 61.4

Manual Integrations

APPROVED

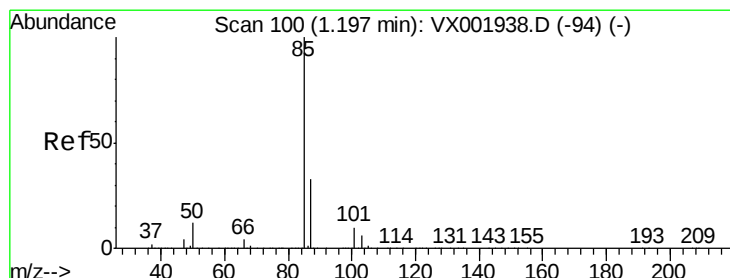
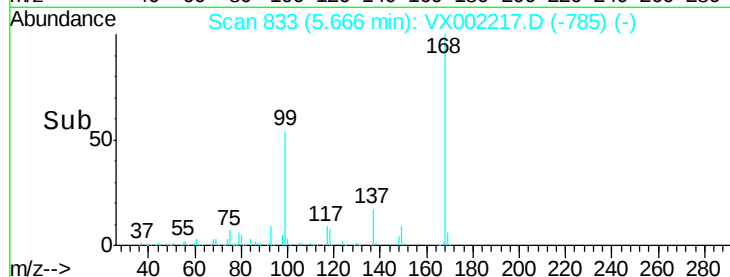
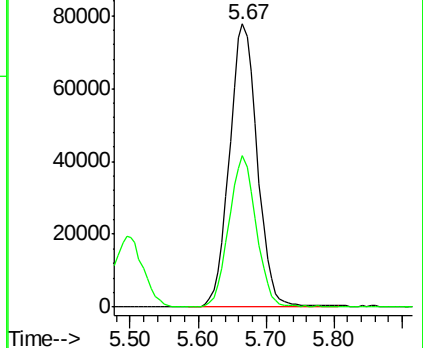
MMDadoda

6/4/2018 2:31:32 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 14.236 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002217.D

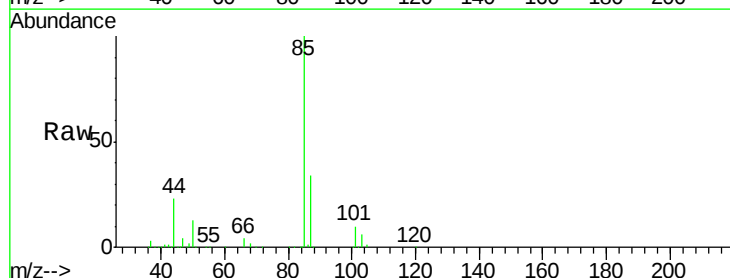
Acq: 01 Jun 2018 17:35

Tgt Ion: 85 Resp: 43429

Ion Ratio Lower Upper

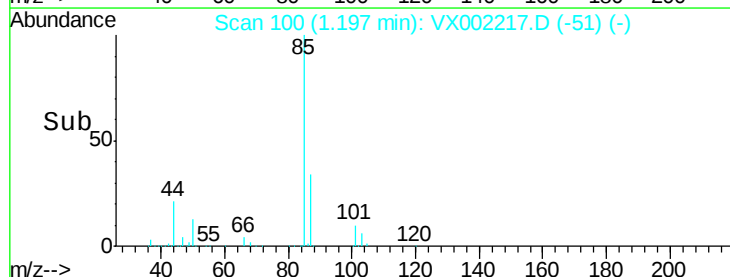
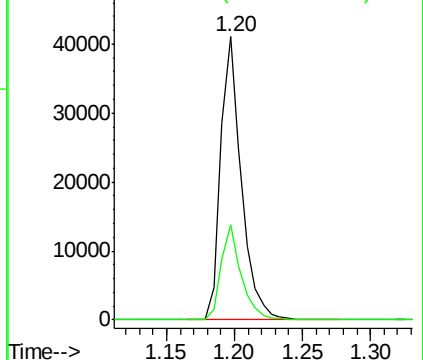
85 100

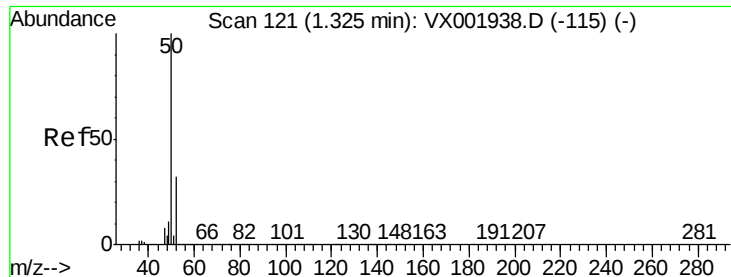
87 33.9 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.129 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002217.D

Acq: 01 Jun 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

Tgt Ion: 50 Resp: 58288

Ion Ratio Lower Upper

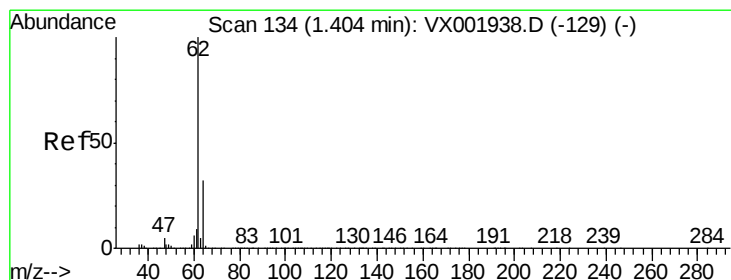
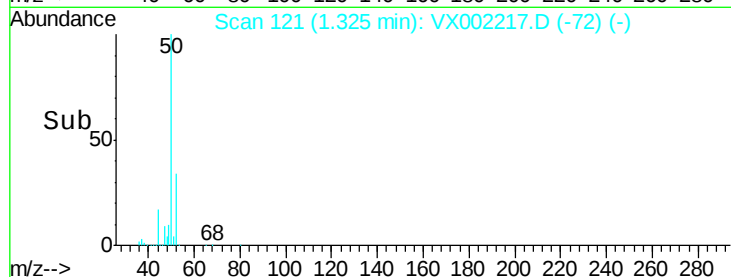
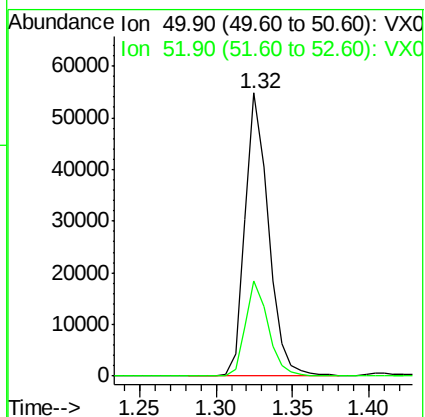
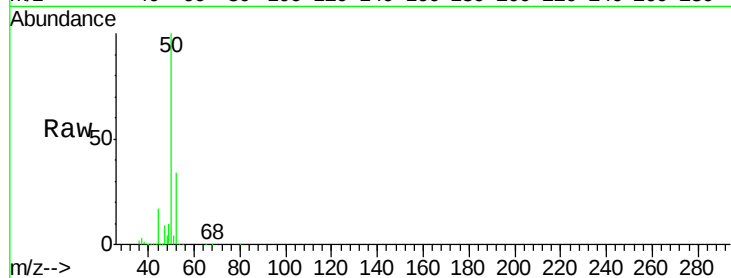
50 100

52 33.6 26.0 39.0

Manual Integrations
APPROVED

MMDadoda

6/4/2018 2:31:32 PM



#4

Vinyl Chloride

Concen: 18.273 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002217.D

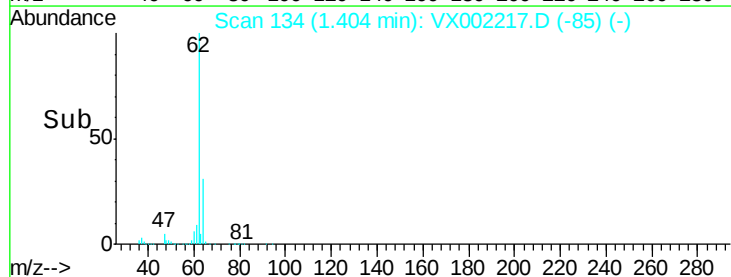
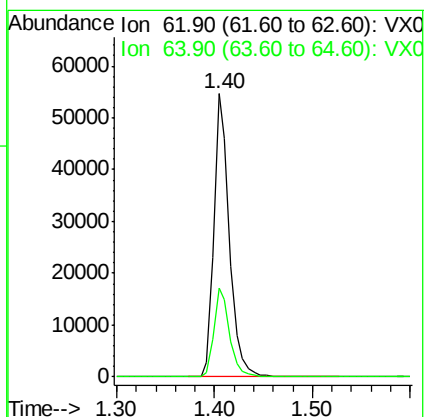
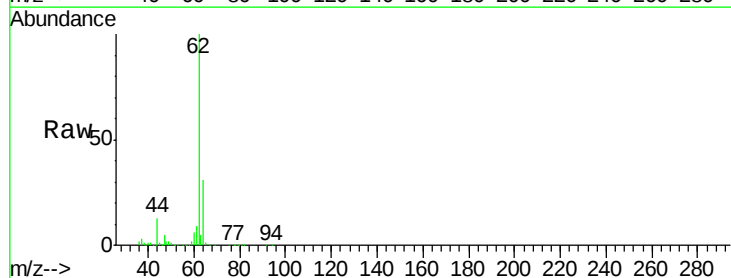
Acq: 01 Jun 2018 17:35

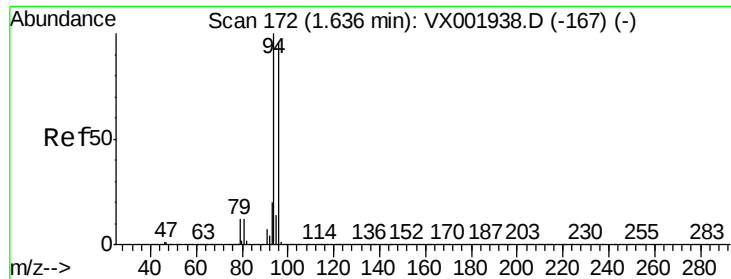
Tgt Ion: 62 Resp: 60040

Ion Ratio Lower Upper

62 100

64 31.3 25.4 38.0





#5

Bromomethane

Concen: 24.573 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002217.D

Acq: 01 Jun 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

Tgt Ion: 94 Resp: 37904

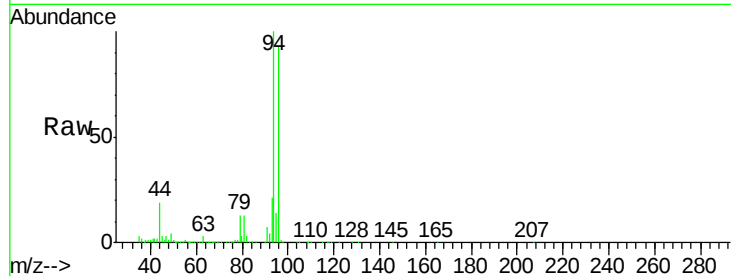
Ion Ratio Lower Upper

94 100

96 92.7 75.9 113.9

Manual Integrations
APPROVED

MMDadoda
6/4/2018 2:31:32 PM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

40000

30000

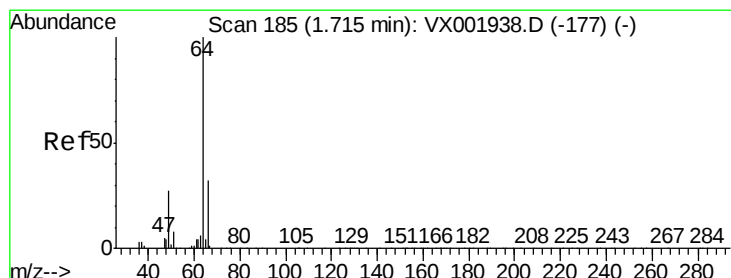
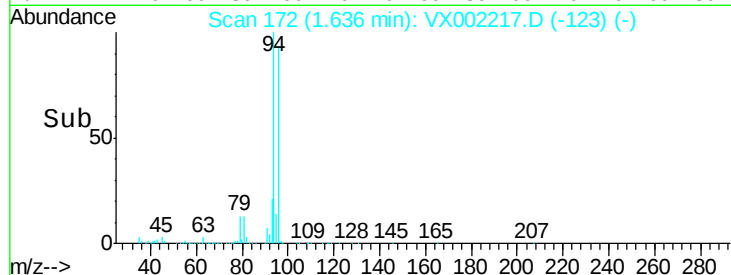
20000

10000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 21.225 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX002217.D

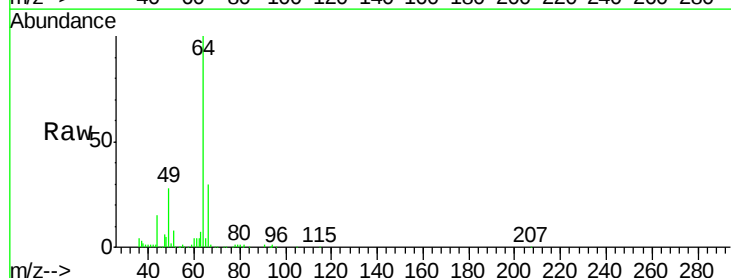
Acq: 01 Jun 2018 17:35

Tgt Ion: 64 Resp: 41111

Ion Ratio Lower Upper

64 100

66 30.4 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

30000

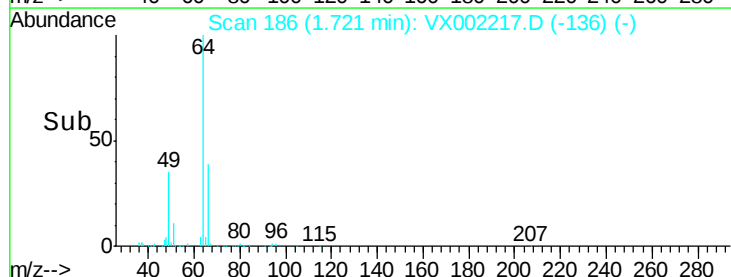
20000

10000

0

Time-->

1.65 1.70 1.75 1.80 1.85





#7

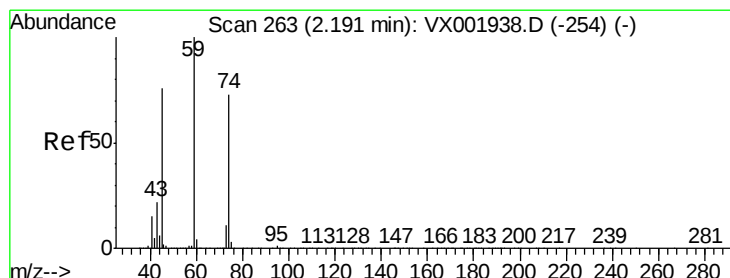
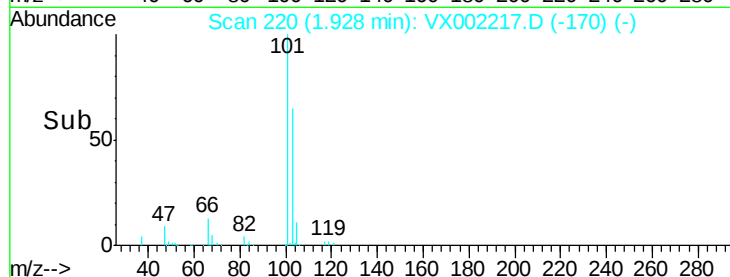
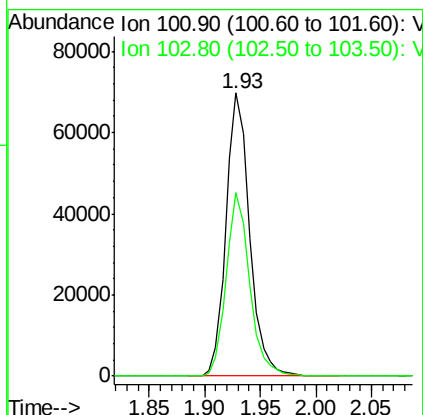
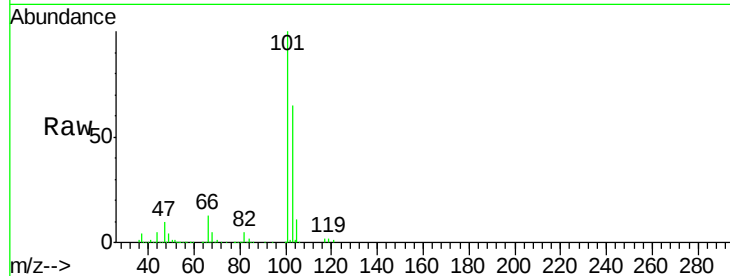
Trichlorofluoromethane
Concen: 20.754 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX002217.D
Acq: 01 Jun 2018 17:35

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.6	51.4	77.0

Manual Integrations
APPROVED

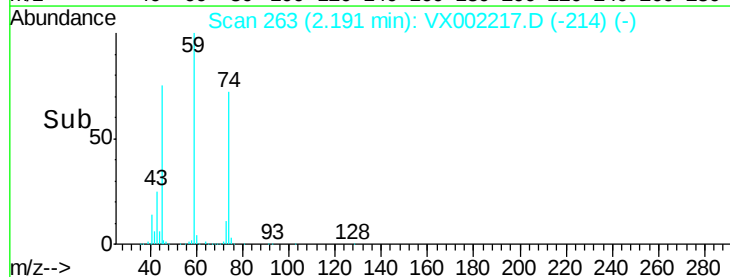
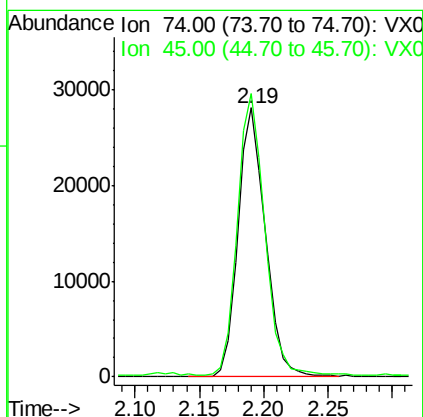
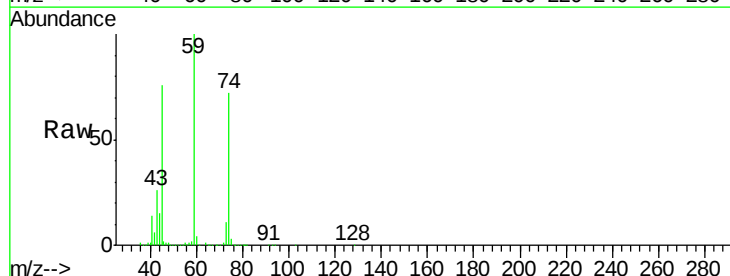
MMDadoda
6/4/2018 2:31:32 PM

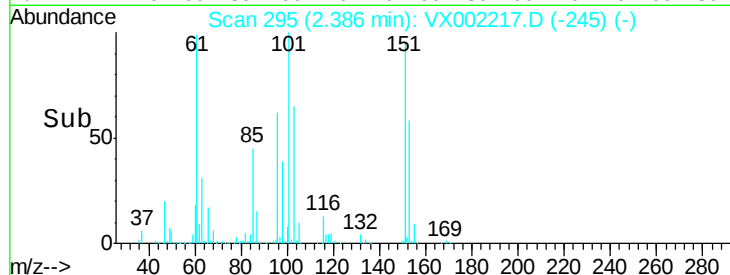
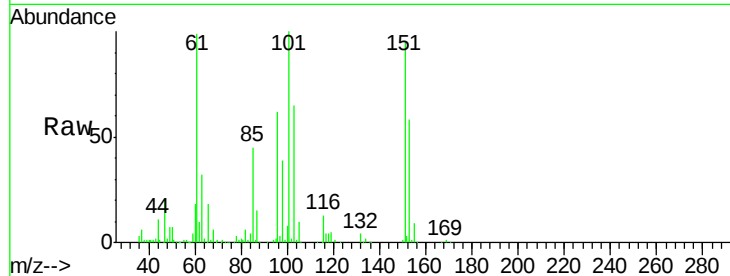
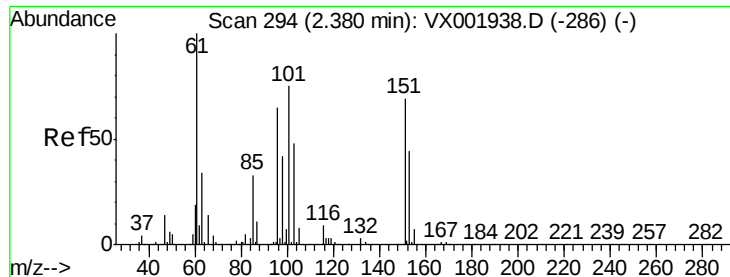


#8

Diethyl Ether
Concen: 23.060 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002217.D
Acq: 01 Jun 2018 17:35

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.9	51.5	154.7





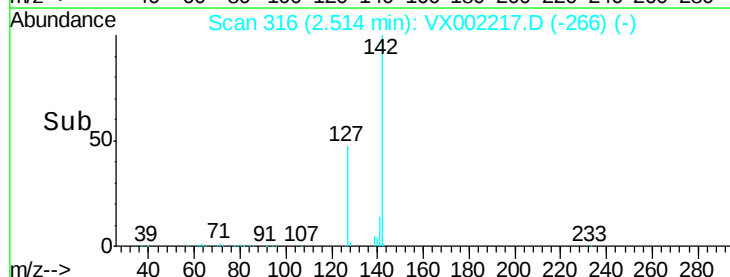
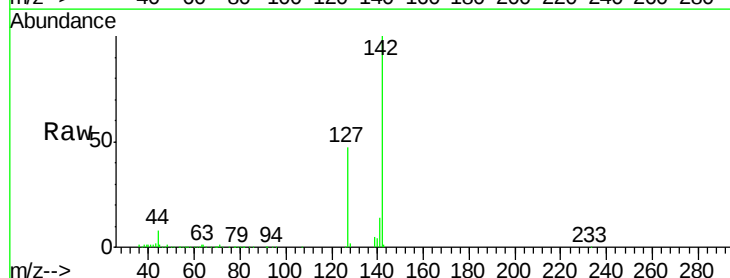
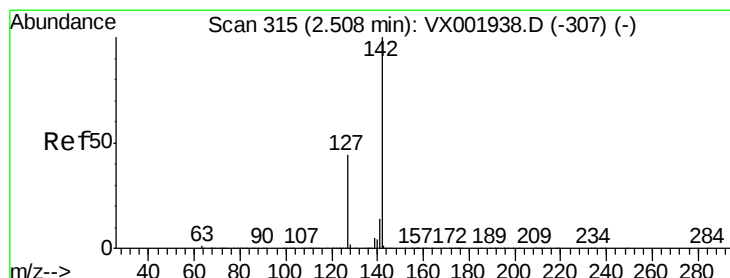
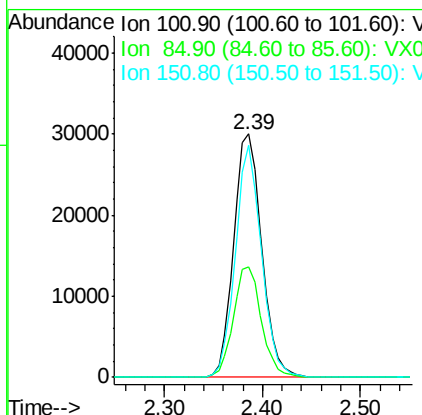
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.781 ug/l
RT: 2.39 min Scan# 295
Delta R.T. 0.01 min
Lab File: VX002217.D
Acq: 01 Jun 2018 17:35

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	59973		
85	45.3	35.6	53.4	
151	88.8	73.2	109.8	

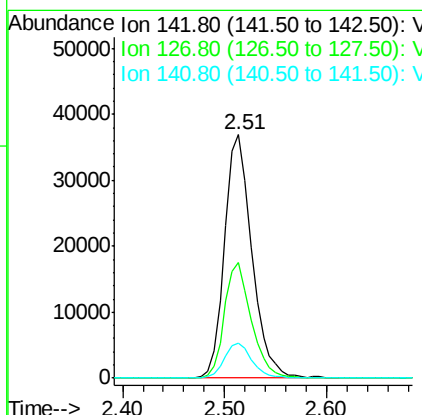
Manual Integrations
APPROVED

MMDadoda
6/4/2018 2:31:32 PM



#10
Methyl Iodide
Concen: 18.409 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX002217.D
Acq: 01 Jun 2018 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	68583		
127	46.7	35.5	53.3	
141	14.6	11.3	16.9	





#11

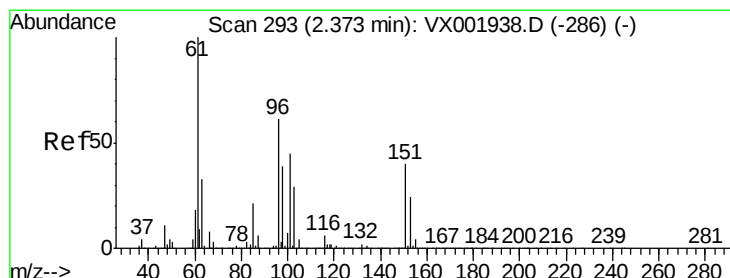
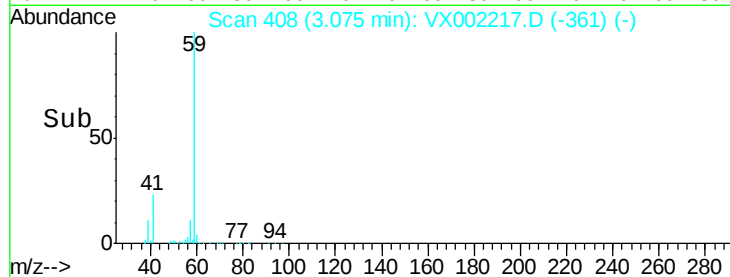
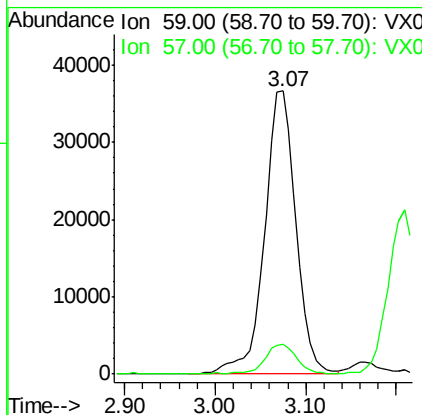
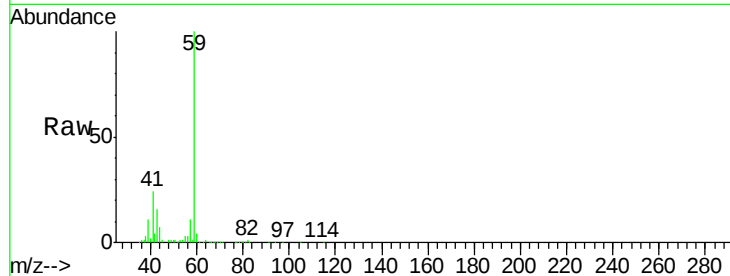
Tert butyl alcohol
Concen: 112.835 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002217.D
Acq: 01 Jun 2018 17:35

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.9	13.3

Manual Integrations
APPROVED

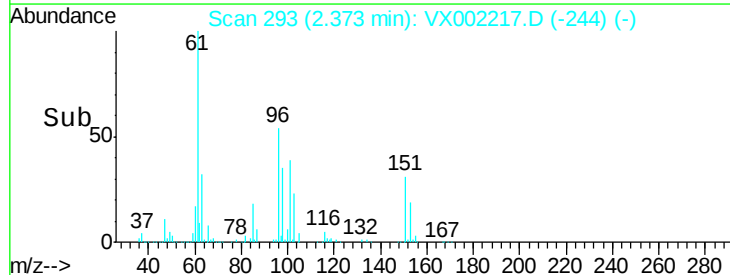
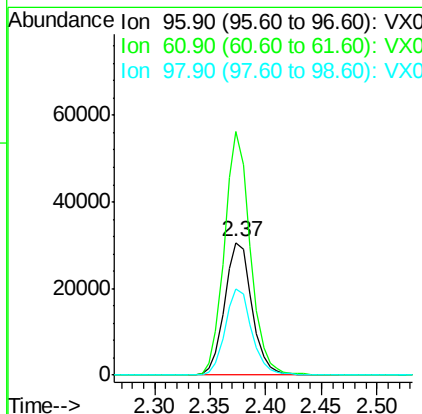
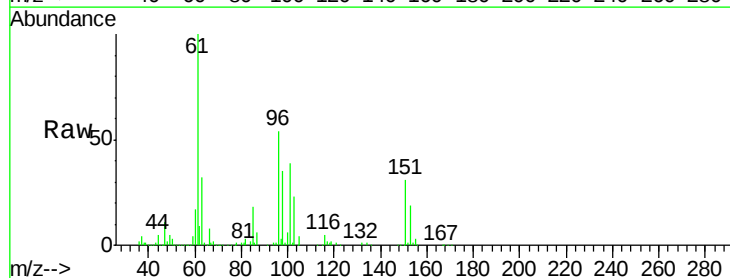
MMDadoda
6/4/2018 2:31:32 PM



#12

1,1-Dichloroethene
Concen: 20.126 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002217.D
Acq: 01 Jun 2018 17:35

Tgt Ion	Ratio	Lower	Upper
96	100		
61	183.4	131.7	197.5
98	64.9	51.6	77.4





#13

Acrolein

Concen: 70.502 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002217.D

Acq: 01 Jun 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

Tgt Ion: 56 Resp: 23655

Ion Ratio Lower Upper

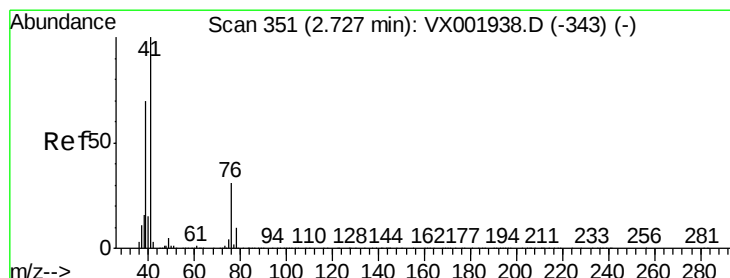
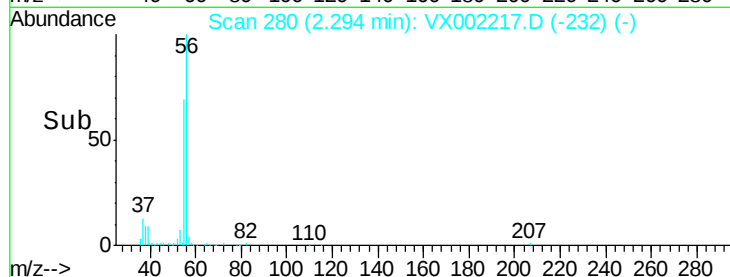
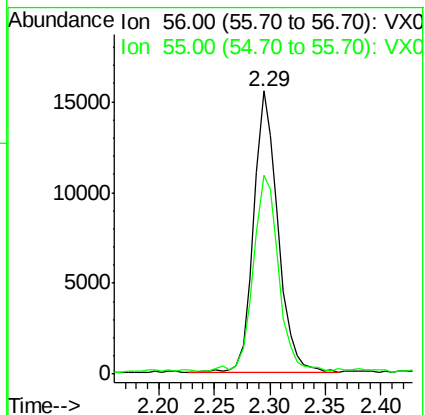
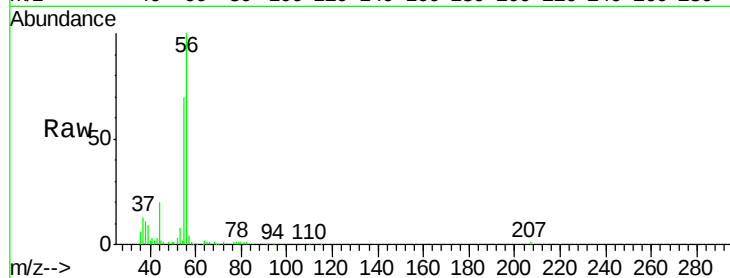
56 100

55 71.5 56.8 85.2

Manual Integrations
APPROVED

MMDadoda

6/4/2018 2:31:32 PM



#14

Allyl chloride

Concen: 21.275 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002217.D

Acq: 01 Jun 2018 17:35

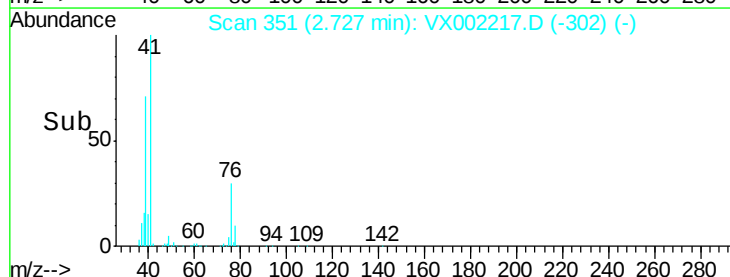
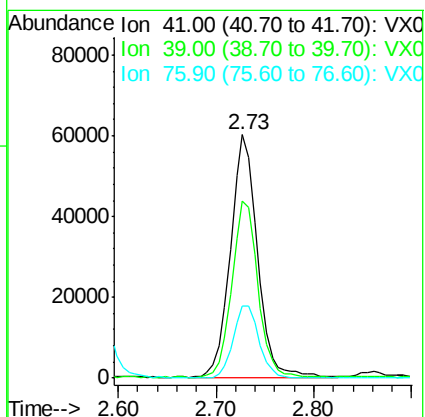
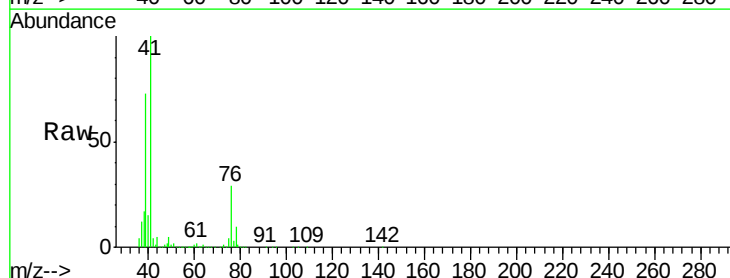
Tgt Ion: 41 Resp: 115121

Ion Ratio Lower Upper

41 100

39 70.0 54.3 81.5

76 28.8 24.2 36.4





#15

Acrylonitrile

Concen: 115.238 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX002217.D

Acq: 01 Jun 2018 17:35

Instrument :

MSVOA_X

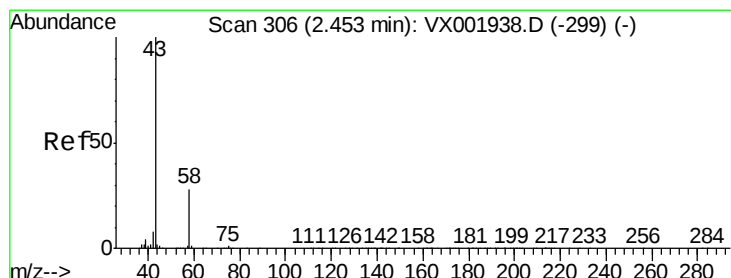
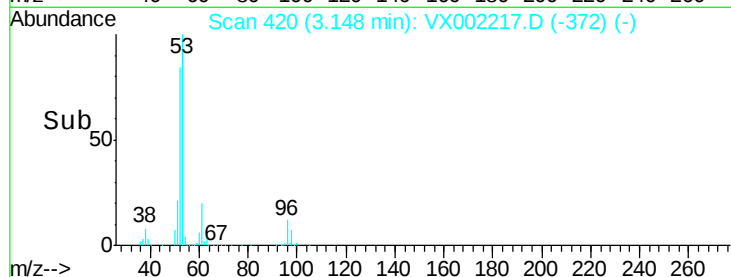
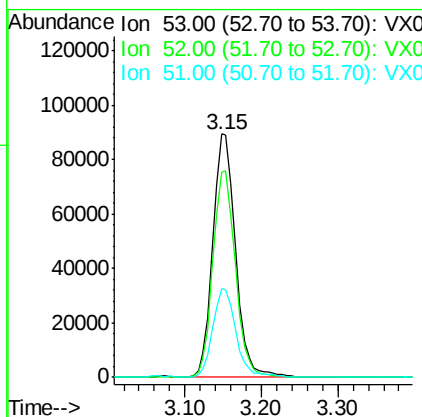
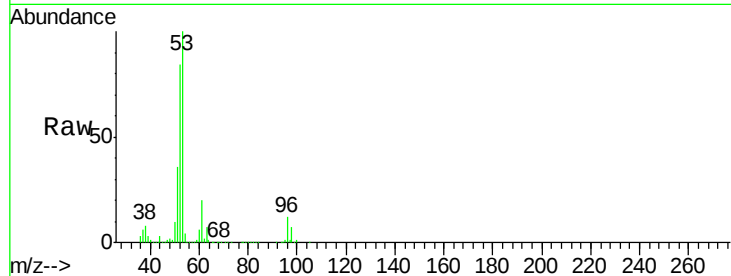
ClientSampleId :

VX0601WBS01

Tgt Ion:	53	Resp:	183895
Ion Ratio		Lower	Upper
53	100		
52	84.2	66.4	99.6
51	37.6	29.3	43.9

Manual Integrations
APPROVED

MMDadoda
6/4/2018 2:31:32 PM



#16

Acetone

Concen: 126.896 ug/l

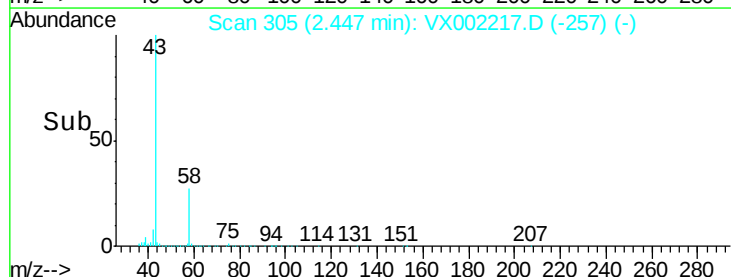
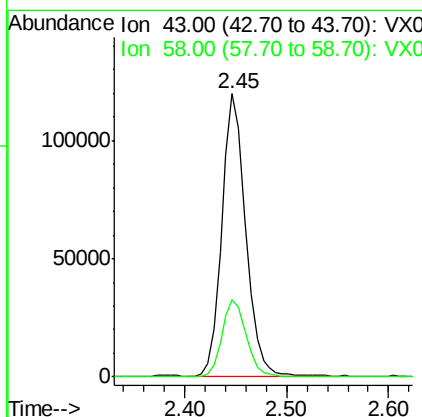
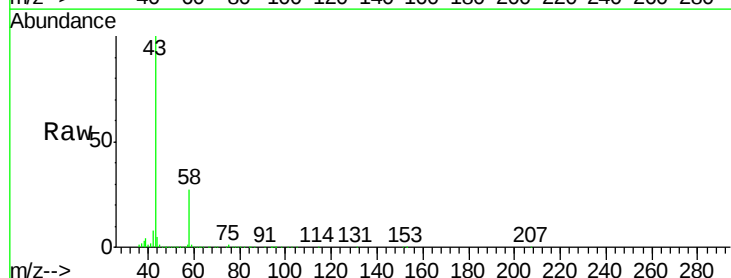
RT: 2.45 min Scan# 305

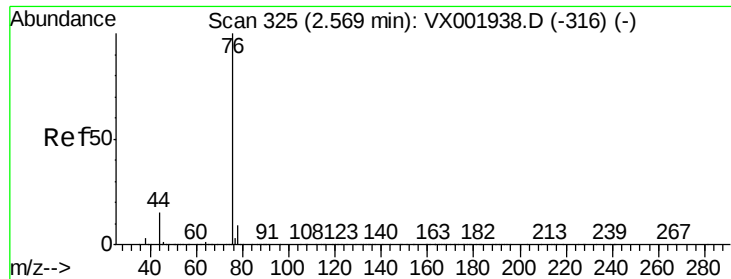
Delta R.T. -0.01 min

Lab File: VX002217.D

Acq: 01 Jun 2018 17:35

Tgt Ion:	43	Resp:	193609
Ion Ratio		Lower	Upper
43	100		
58	27.4	22.3	33.5





#17

Carbon Disulfide

Concen: 15.161 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002217.D

Acq: 01 Jun 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

Tgt Ion: 76 Resp: 112480

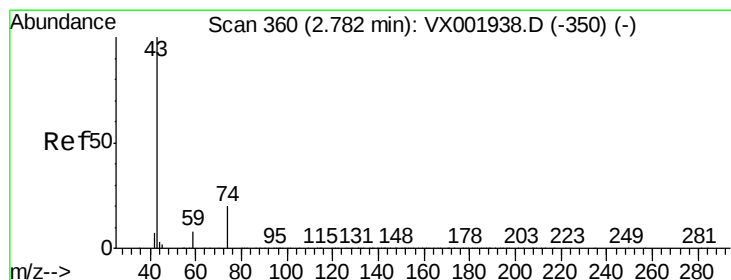
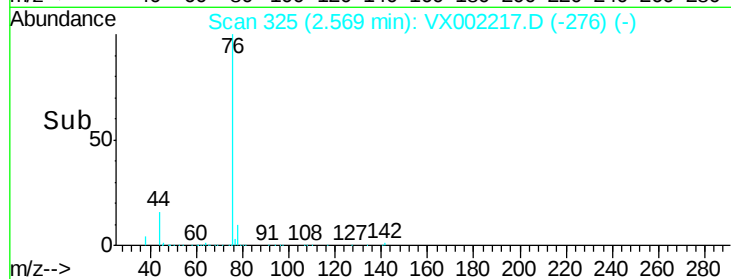
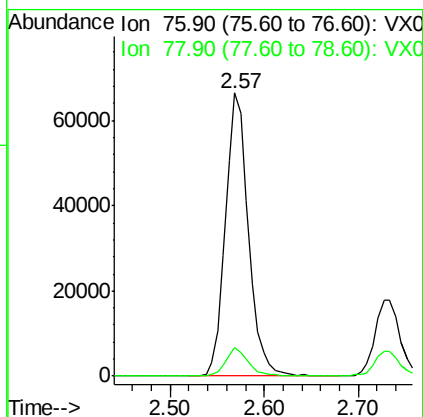
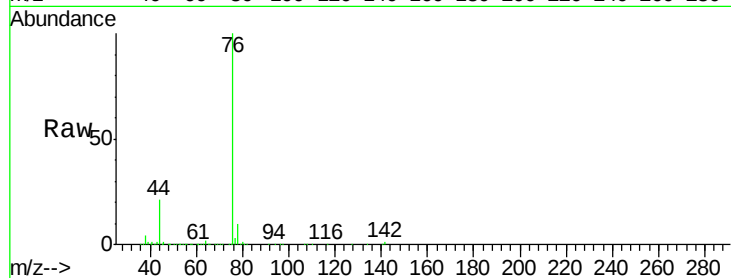
Ion Ratio Lower Upper

76 100

78 9.9 7.4 11.2

Manual Integrations
APPROVED

MMDadoda
6/4/2018 2:31:32 PM



#18

Methyl Acetate

Concen: 25.106 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002217.D

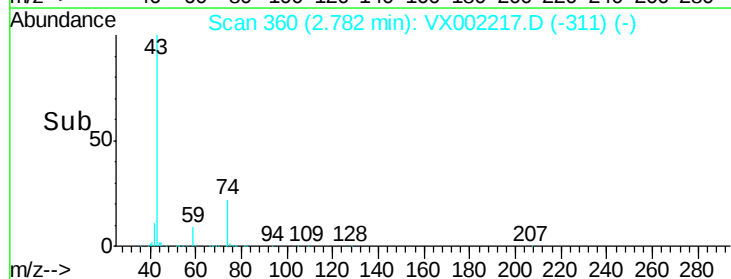
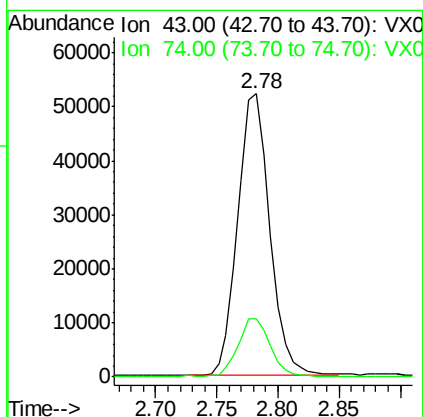
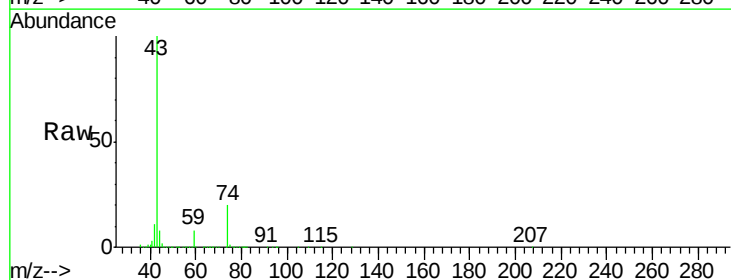
Acq: 01 Jun 2018 17:35

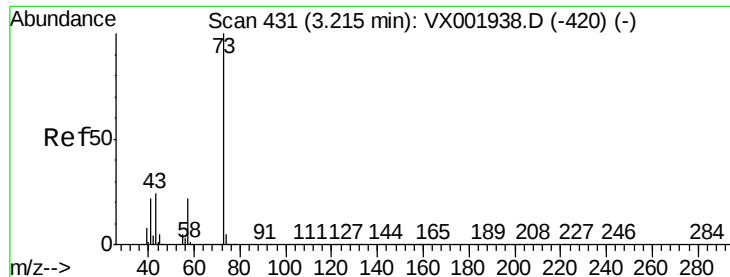
Tgt Ion: 43 Resp: 94357

Ion Ratio Lower Upper

43 100

74 20.7 16.8 25.2





#19

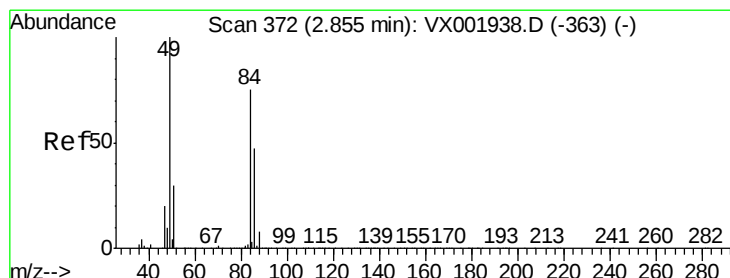
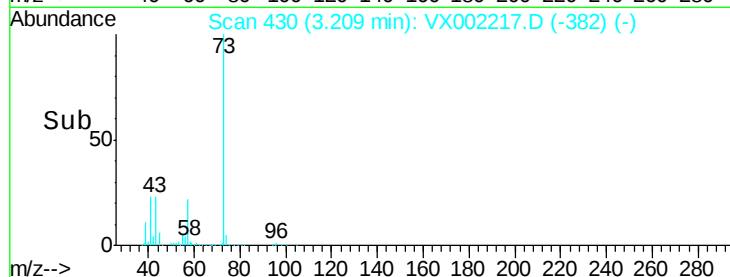
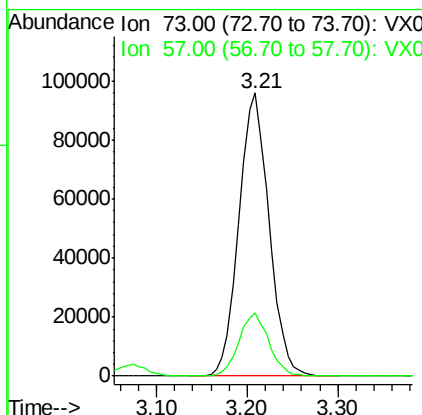
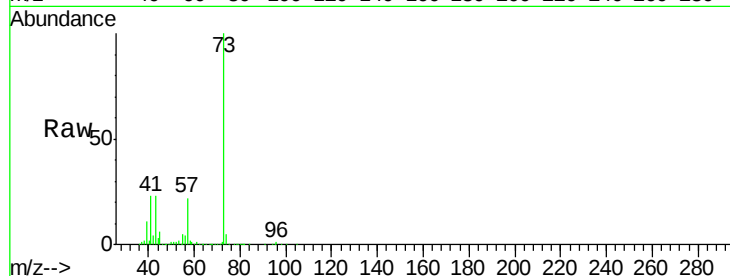
Methyl tert-butyl Ether
 Concen: 22.875 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: VX002217.D
 Acq: 01 Jun 2018 17:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBS01

Tgt Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.4	26.0

Manual Integrations
 APPROVED

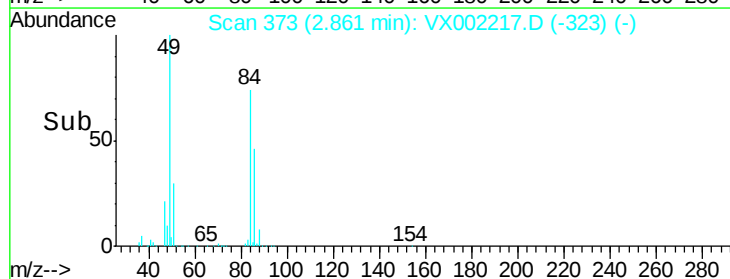
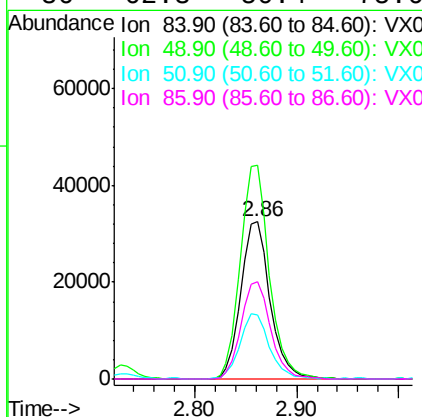
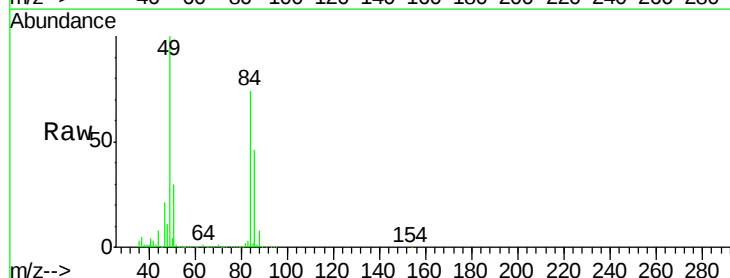
MMDadoda
 6/4/2018 2:31:32 PM



#20

Methylene Chloride
 Concen: 23.637 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.01 min
 Lab File: VX002217.D
 Acq: 01 Jun 2018 17:35

Tgt Ion	Ratio	Lower	Upper
84	100		
49	135.7	107.2	160.8
51	40.8	32.4	48.6
86	62.3	50.4	75.6





#21

trans-1,2-Dichloroethene

Concen: 22.128 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002217.D

Acq: 01 Jun 2018 17:35

Instrument :

MSVOA_X

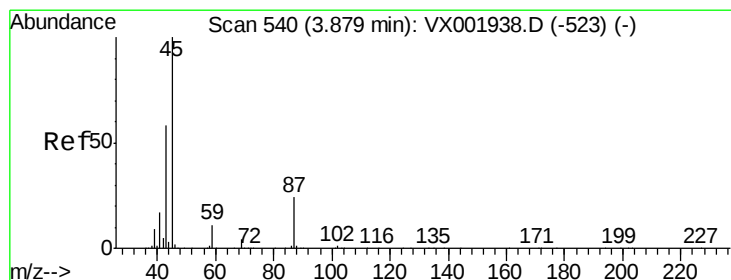
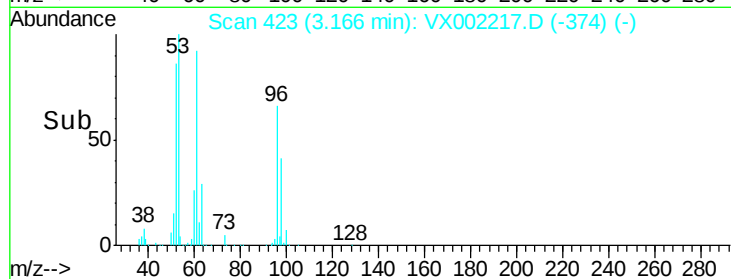
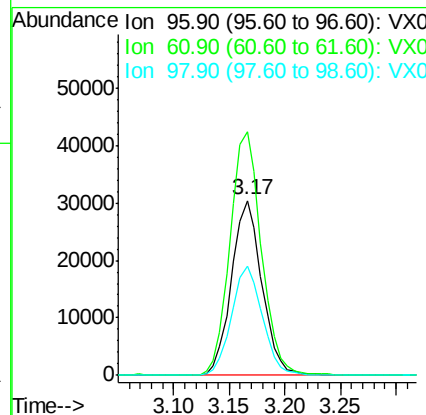
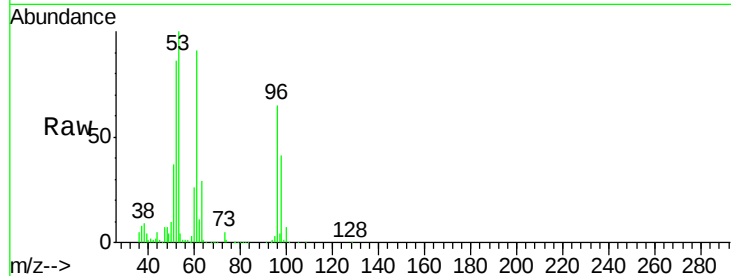
ClientSampleId :

VX0601WBS01

Tgt Ion:	96	Resp:	57746
Ion	Ratio	Lower	Upper
96	100		
61	139.3	113.3	169.9
98	62.7	51.7	77.5

Manual Integrations
APPROVED

MMDadoda
6/4/2018 2:31:32 PM



#22

Diisopropyl ether

Concen: 20.993 ug/l

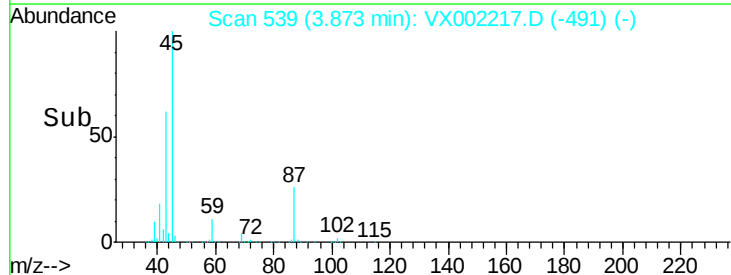
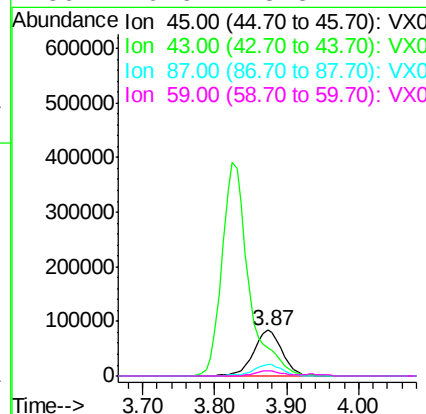
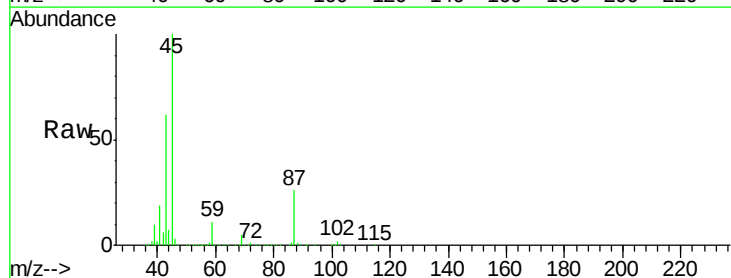
RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002217.D

Acq: 01 Jun 2018 17:35

Tgt Ion:	45	Resp:	231061
Ion	Ratio	Lower	Upper
45	100		
43	62.1	47.0	70.6
87	25.9	19.4	29.0
59	10.6	8.5	12.7





#23

Vinyl Acetate

Concen: 110.995 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002217.D

Acq: 01 Jun 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

Tgt Ion: 43 Resp: 1012922

Ion Ratio Lower Upper

43 100

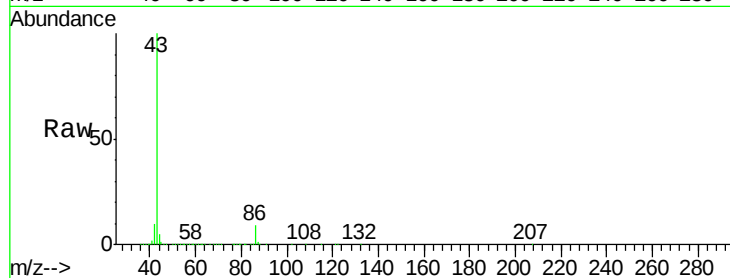
86 8.9 7.6 11.4

Manual Integrations

APPROVED

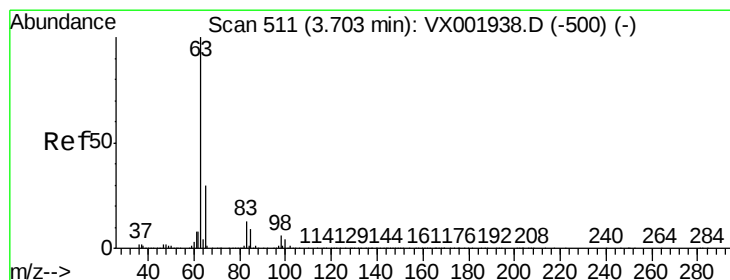
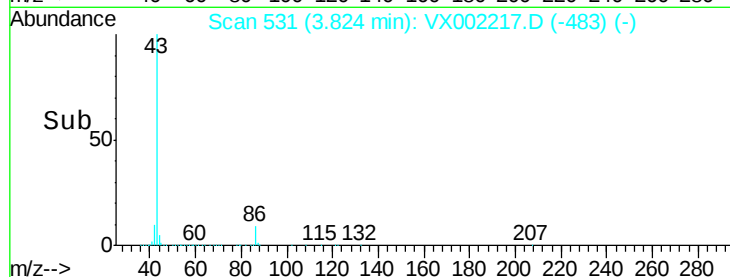
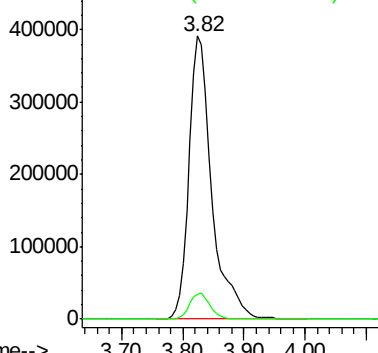
MMDadoda

6/4/2018 2:31:32 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 22.728 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX002217.D

Acq: 01 Jun 2018 17:35

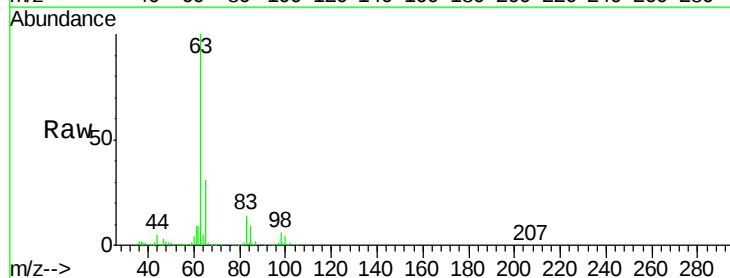
Tgt Ion: 63 Resp: 118833

Ion Ratio Lower Upper

63 100

98 6.3 3.3 9.8

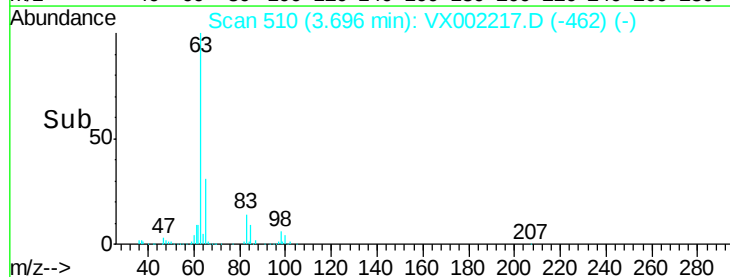
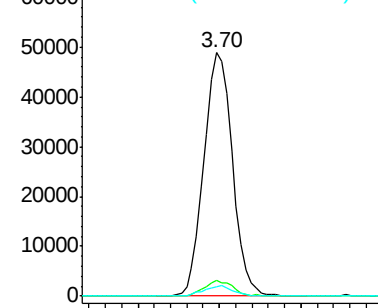
100 3.9 2.1 6.5

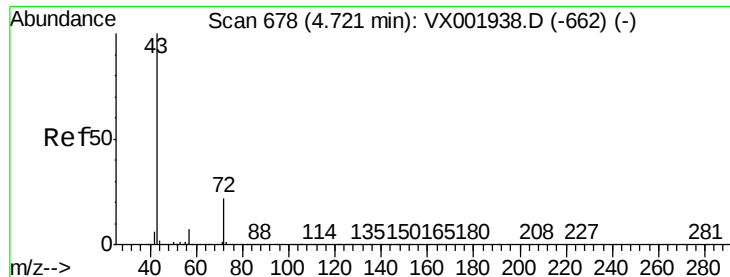


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 91.179 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002217.D

Acq: 01 Jun 2018 17:35

Tgt Ion: 43 Resp: 254972

Ion Ratio Lower Upper

43 100

72 21.8 17.9 26.9

Instrument :

MSVOA_X

ClientSampleId :

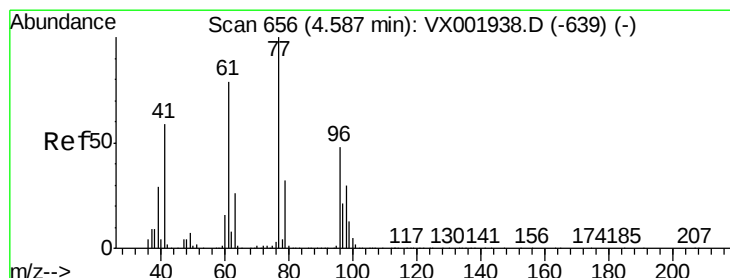
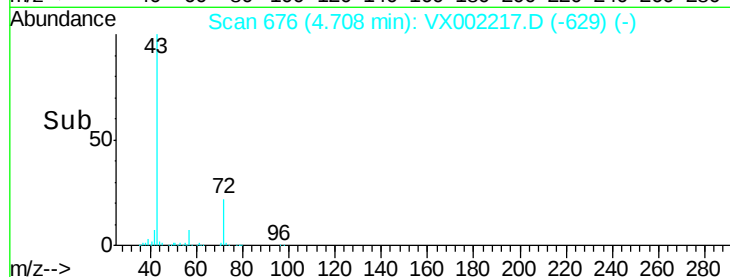
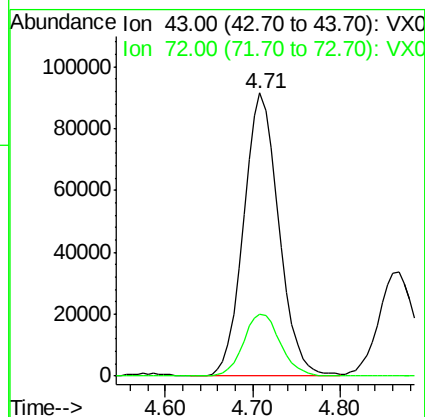
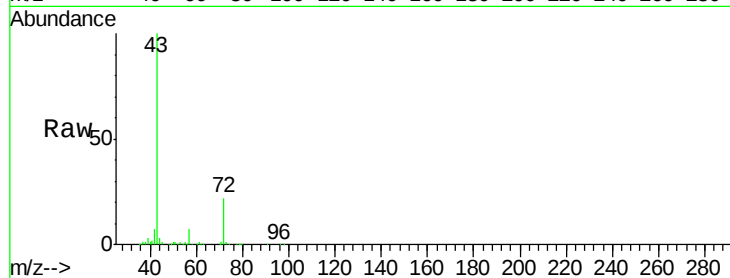
VX0601WBS01

Manual Integrations

APPROVED

MMDadoda

6/4/2018 2:31:32 PM



#26

2,2-Dichloropropane

Concen: 16.068 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX002217.D

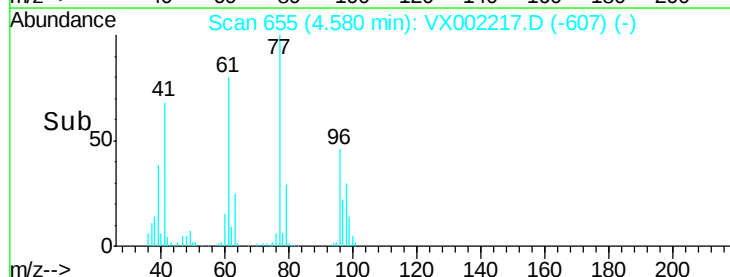
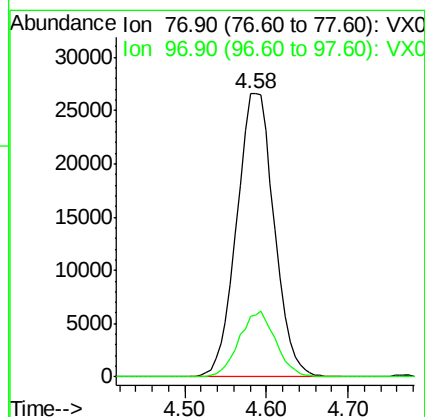
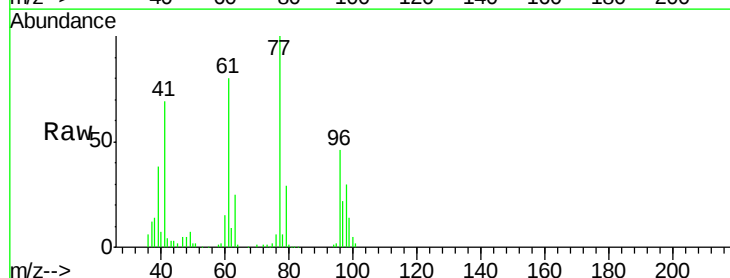
Acq: 01 Jun 2018 17:35

Tgt Ion: 77 Resp: 85035

Ion Ratio Lower Upper

77 100

97 22.4 11.2 33.5





#27

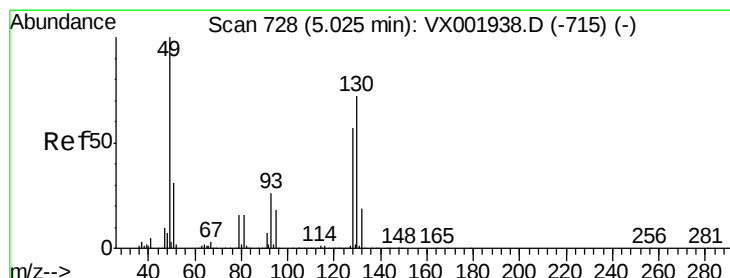
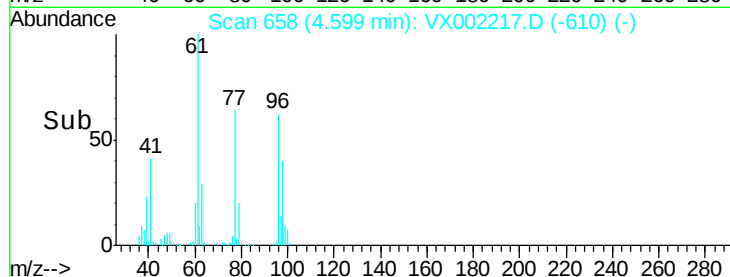
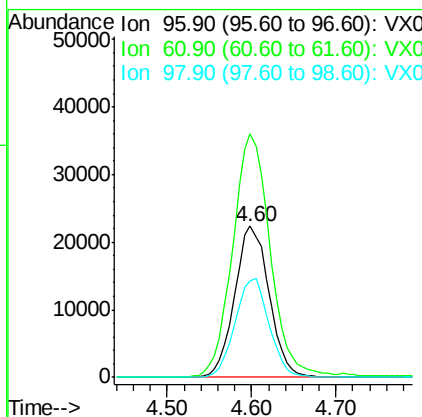
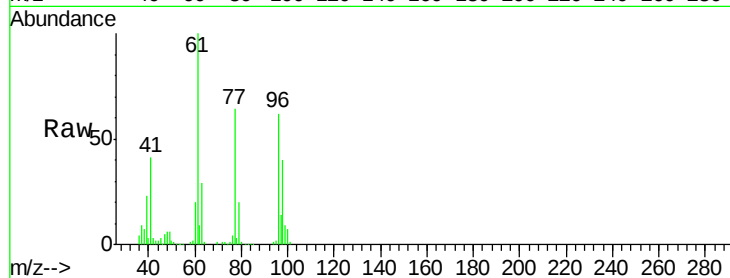
cis-1,2-Dichloroethene
 Concen: 18.450 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: VX002217.D
 Acq: 01 Jun 2018 17:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBS01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	176.7	0.0	348.4
98	64.3	0.0	128.6

Manual Integrations
 APPROVED

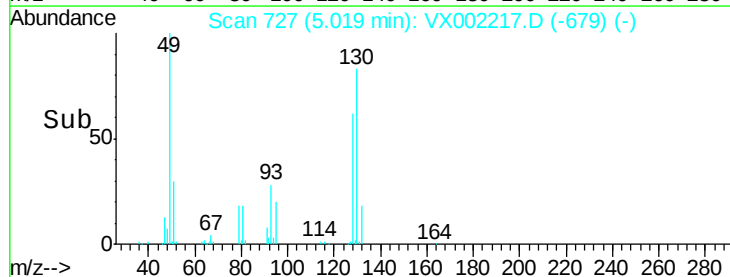
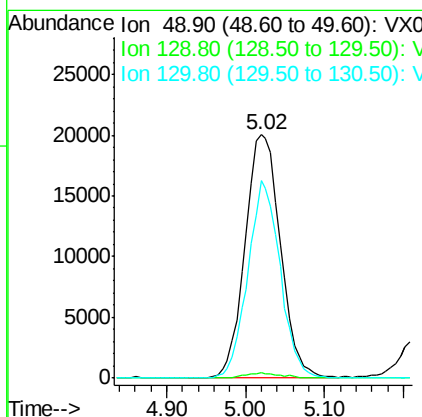
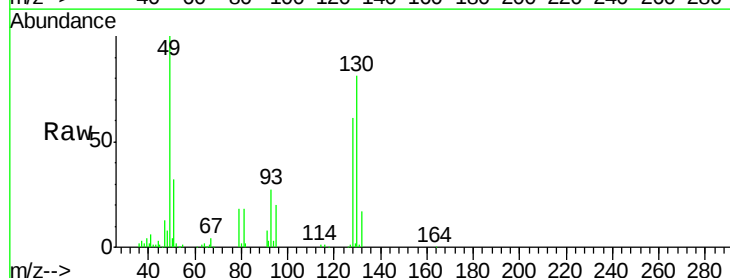
MMDadoda
 6/4/2018 2:31:32 PM



#28

Bromochloromethane
 Concen: 27.562 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: VX002217.D
 Acq: 01 Jun 2018 17:35

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	74.3	59.4	89.2





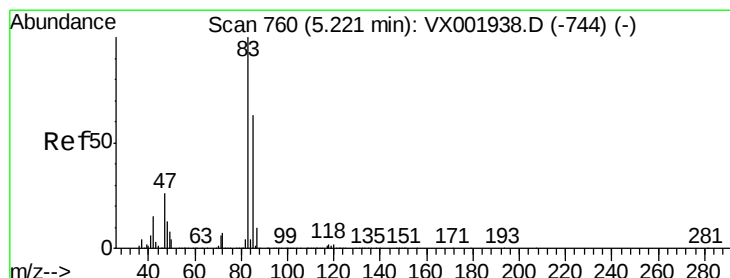
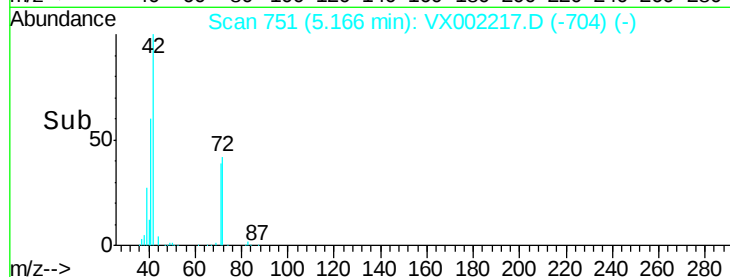
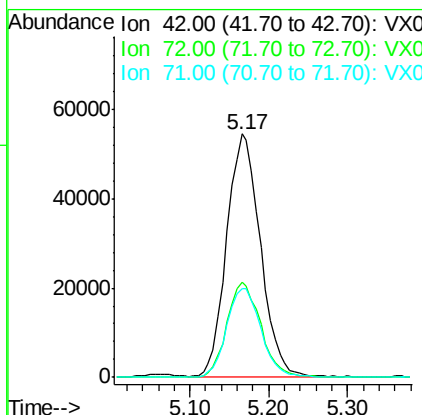
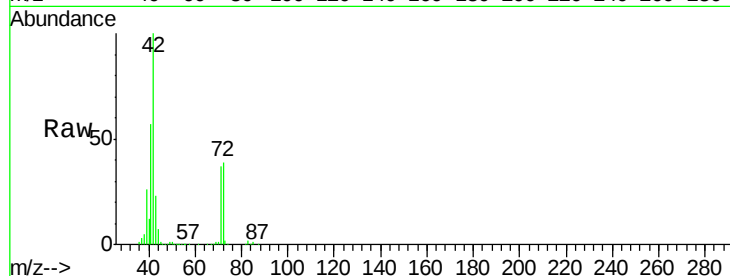
#29
Tetrahydrofuran
Concen: 88.689 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX002217.D
Acq: 01 Jun 2018 17:35

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	39.5	31.4	47.0
71	37.4	29.5	44.3

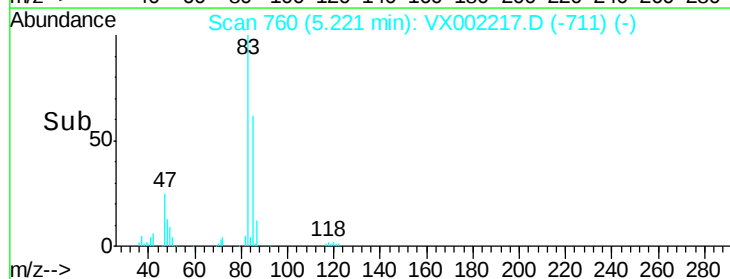
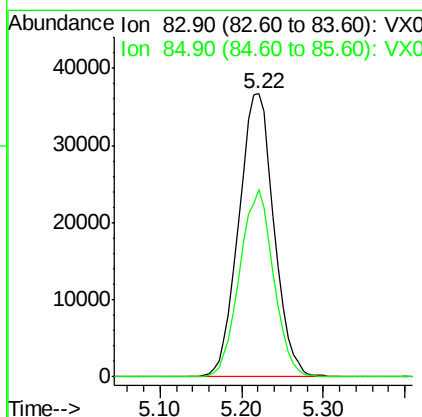
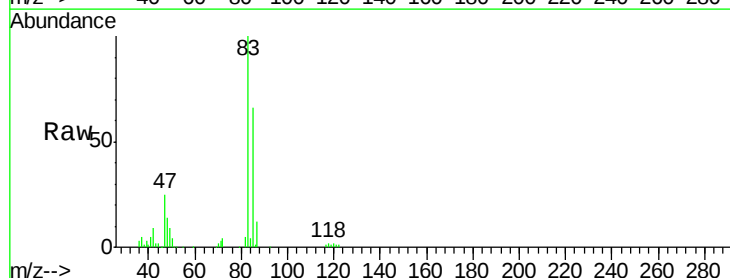
Manual Integrations
APPROVED

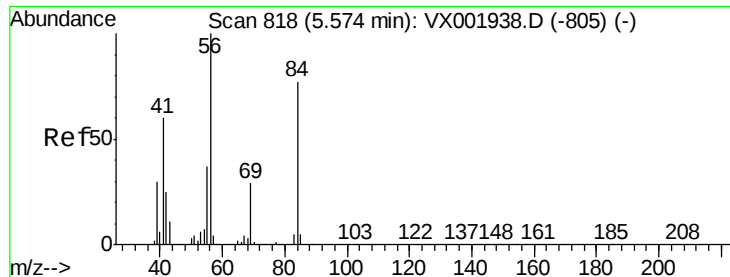
MMDadoda
6/4/2018 2:31:32 PM



#30
Chloroform
Concen: 18.697 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002217.D
Acq: 01 Jun 2018 17:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	50.9	76.3





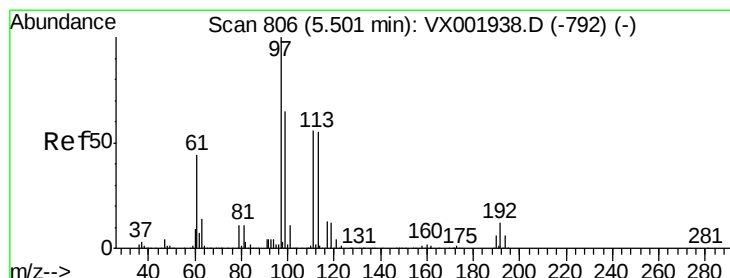
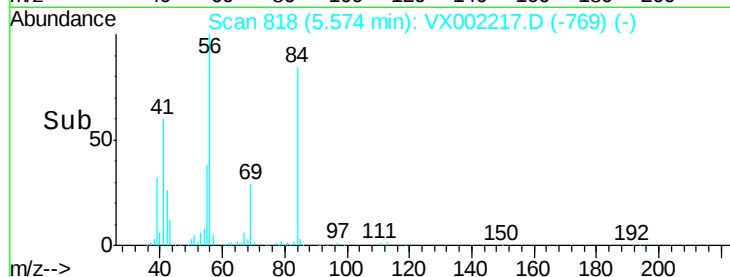
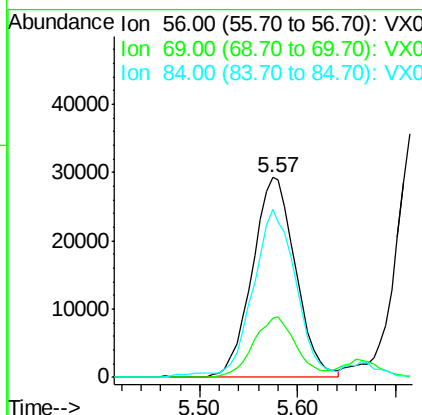
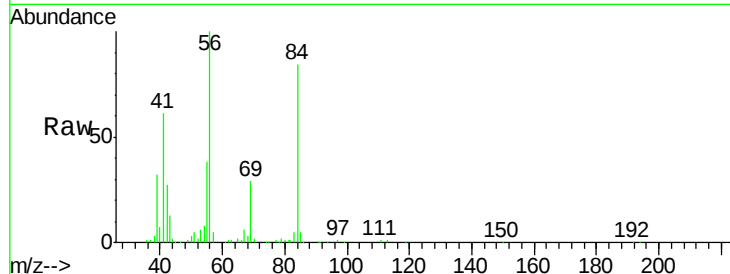
#31
Cyclohexane
Concen: 16.381 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX002217.D
Acq: 01 Jun 2018 17:35

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	29.4	23.1	34.7
84	83.1	62.0	93.0

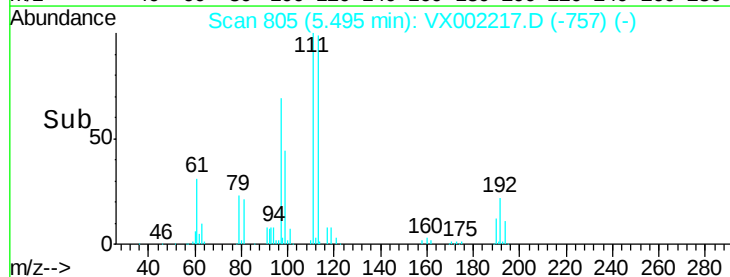
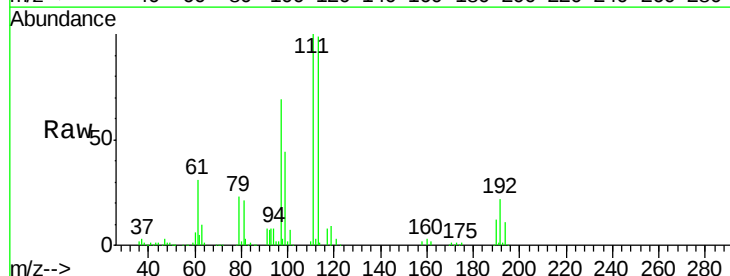
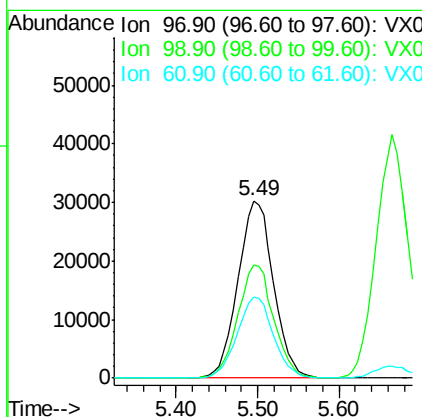
Manual Integrations
APPROVED

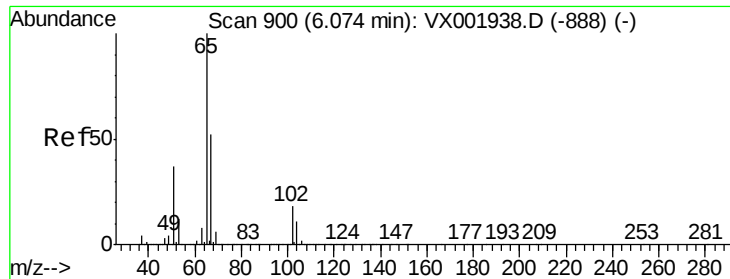
MMDadoda
6/4/2018 2:31:32 PM



#32
1,1,1-Trichloroethane
Concen: 16.708 ug/l
RT: 5.49 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX002217.D
Acq: 01 Jun 2018 17:35

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.9	77.9
61	46.5	35.9	53.9





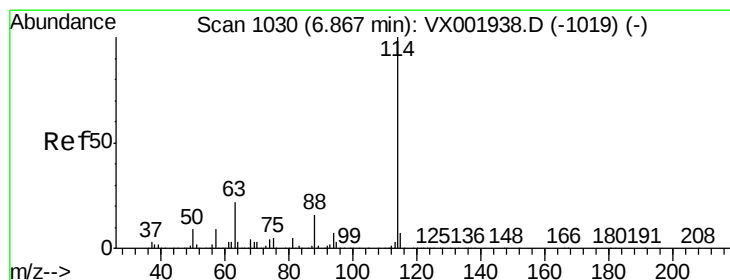
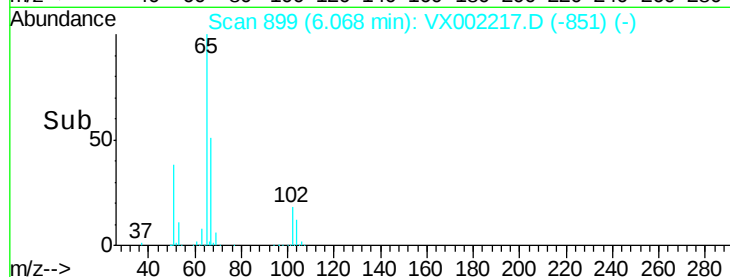
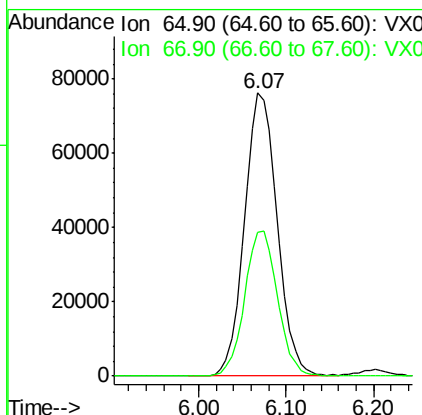
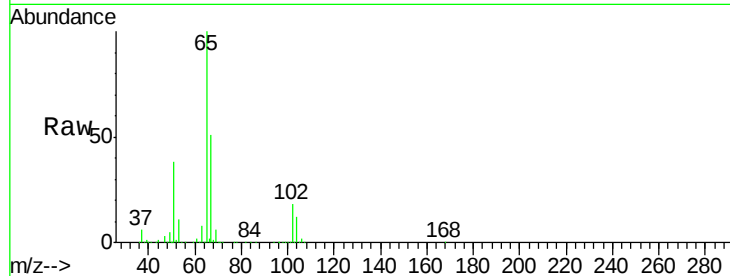
#33
 1,2-Dichloroethane-d4
 Concen: 50.072 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX002217.D
 Acq: 01 Jun 2018 17:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	197952		
67	51.4	0.0	104.0	

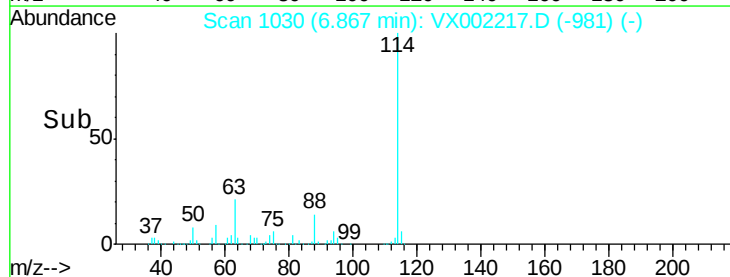
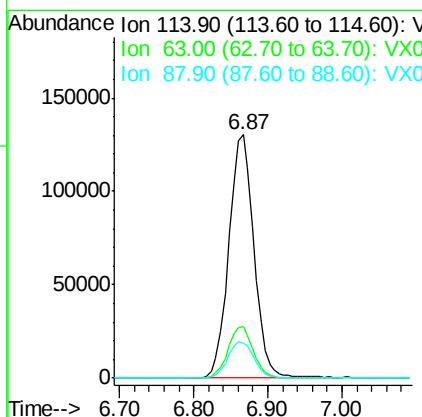
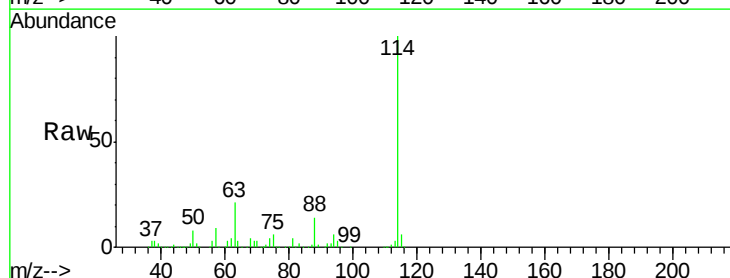
Manual Integrations
 APPROVED

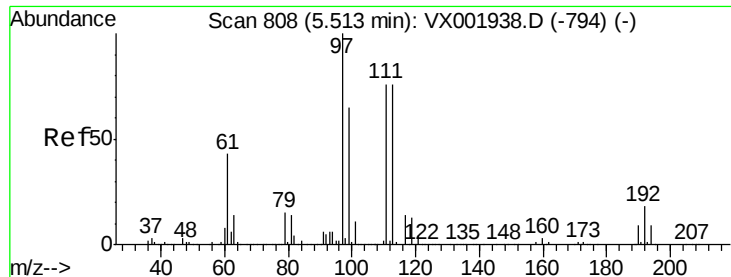
MMDadoda
 6/4/2018 2:31:32 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002217.D
 Acq: 01 Jun 2018 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	309232		
63	21.4	0.0	43.2	
88	14.4	0.0	31.6	





#35

Dibromofluoromethane

Concen: 47.846 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002217.D

Acq: 01 Jun 2018 17:35

Instrument :

MSVOA_X

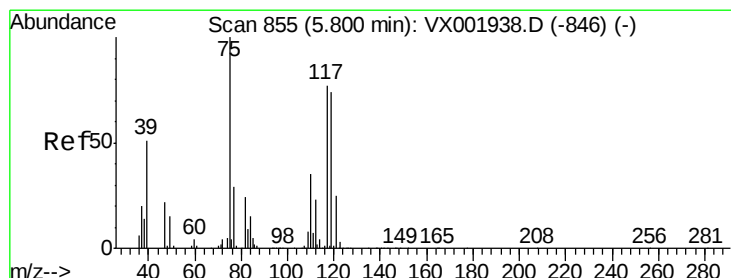
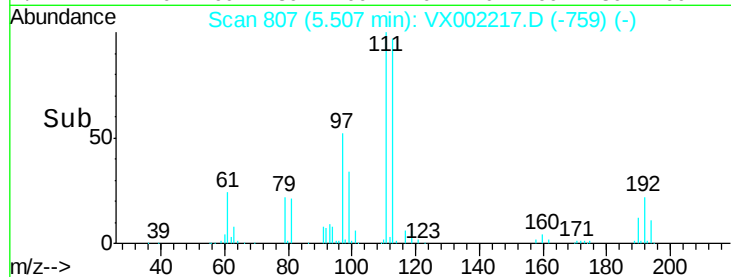
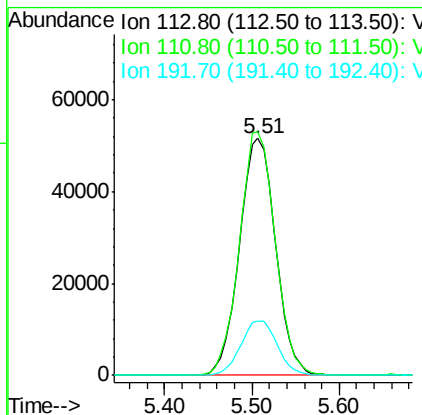
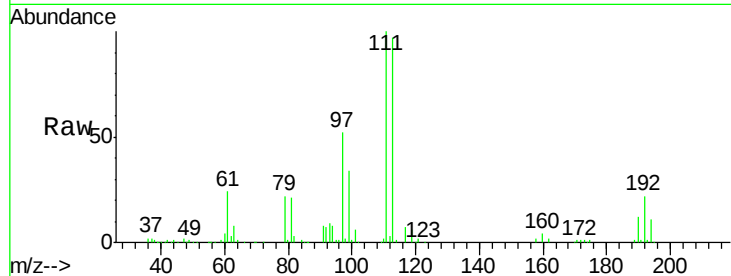
ClientSampleId :

VX0601WBS01

Tgt Ion:	113	Resp:	147956
Ion Ratio	Lower	Upper	
113	100		
111	102.1	82.0	123.0
192	23.4	18.9	28.3

Manual Integrations
APPROVED

MMDadoda
6/4/2018 2:31:32 PM



#36

1,1-Dichloropropene

Concen: 17.087 ug/l

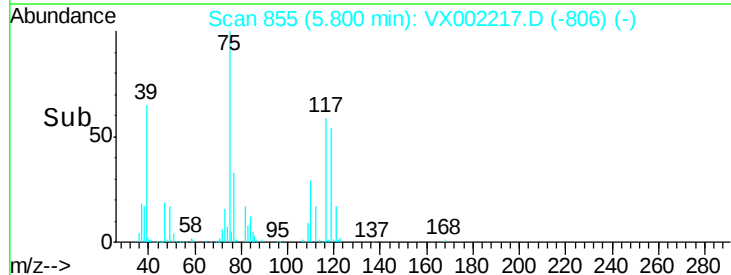
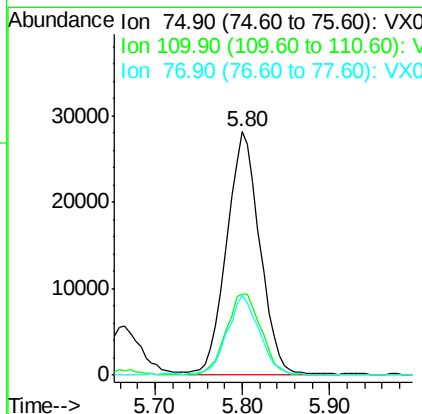
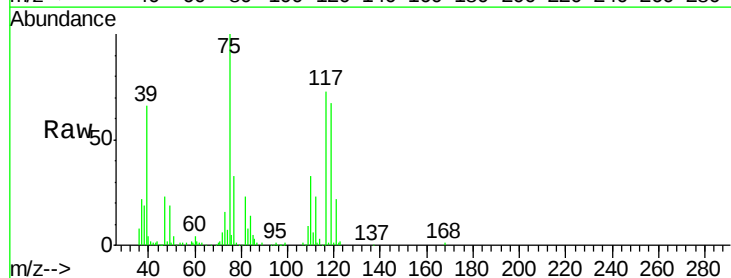
RT: 5.80 min Scan# 855

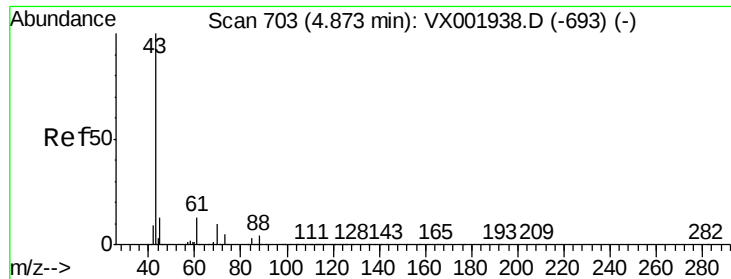
Delta R.T. -0.00 min

Lab File: VX002217.D

Acq: 01 Jun 2018 17:35

Tgt Ion:	75	Resp:	73495
Ion Ratio	Lower	Upper	
75	100		
110	35.6	17.4	52.2
77	31.2	24.4	36.6





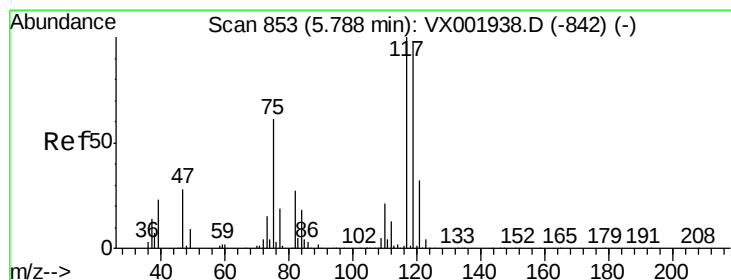
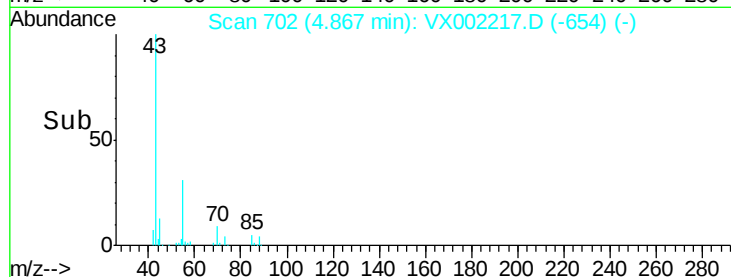
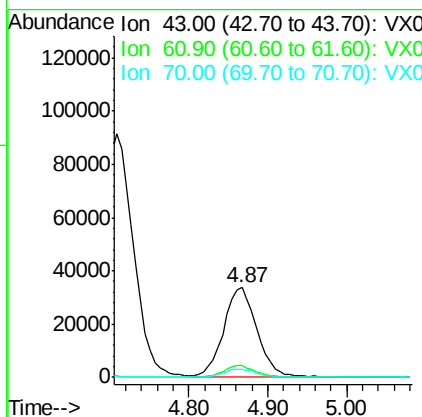
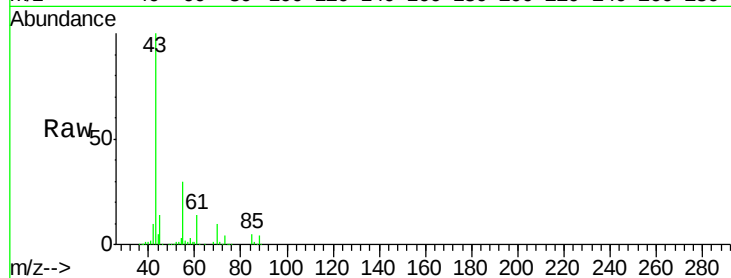
#37
Ethyl Acetate
Concen: 17.505 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX002217.D
Acq: 01 Jun 2018 17:35

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.4	10.2	15.2
70	9.4	7.8	11.8

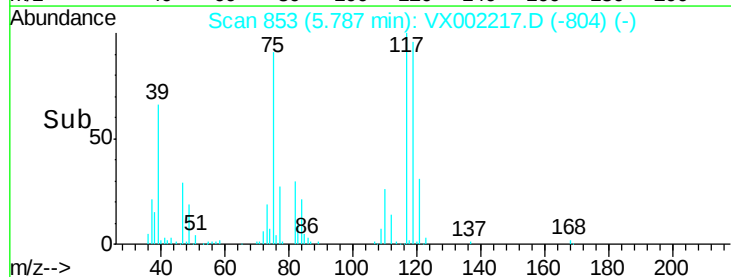
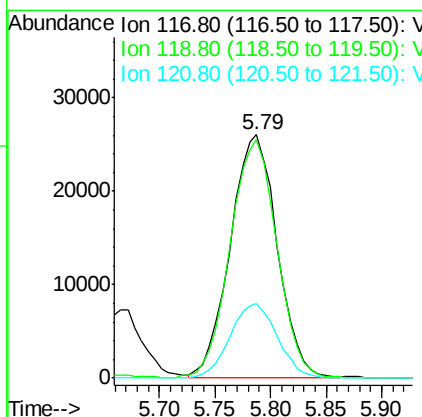
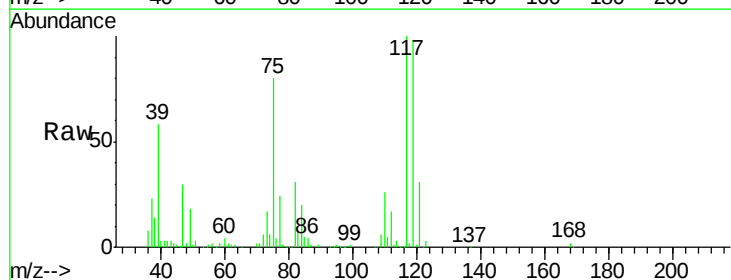
Manual Integrations
APPROVED

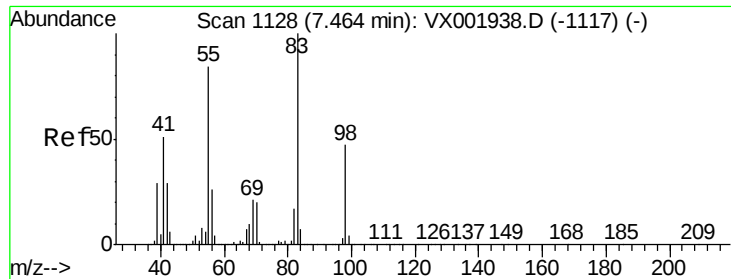
MMDadoda
6/4/2018 2:31:32 PM



#38
Carbon Tetrachloride
Concen: 15.128 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002217.D
Acq: 01 Jun 2018 17:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	78.5	117.7
121	30.8	25.5	38.3





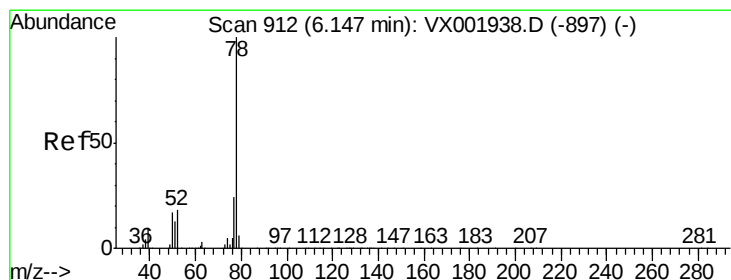
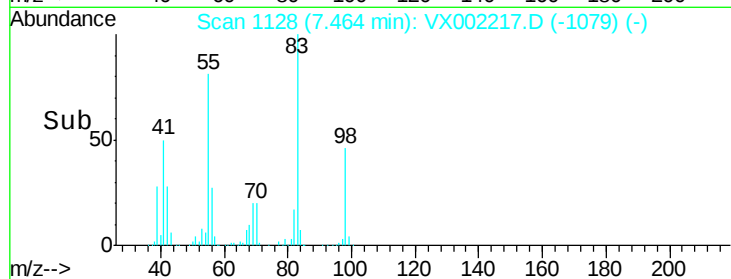
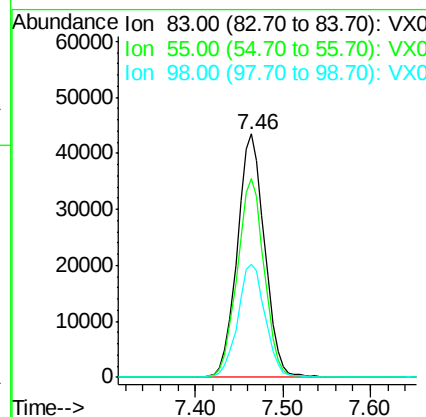
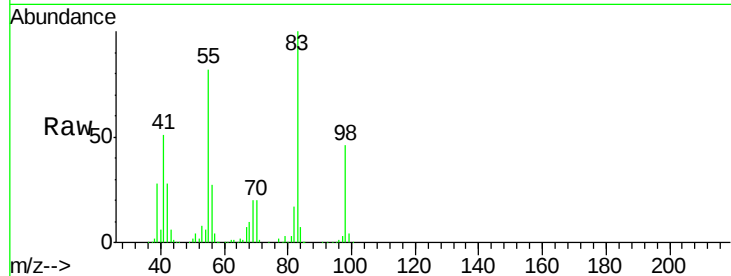
#39
Methylcyclohexane
Concen: 17.905 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002217.D
Acq: 01 Jun 2018 17:35

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	81.4	67.3	100.9
98	46.4	37.5	56.3

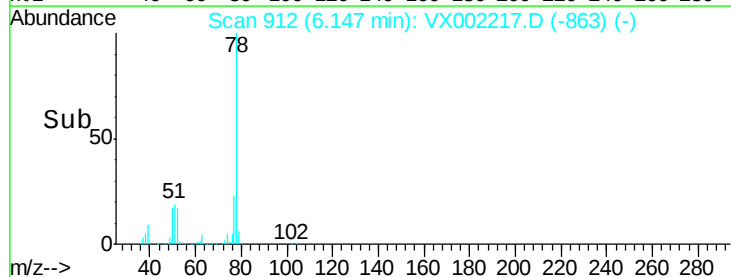
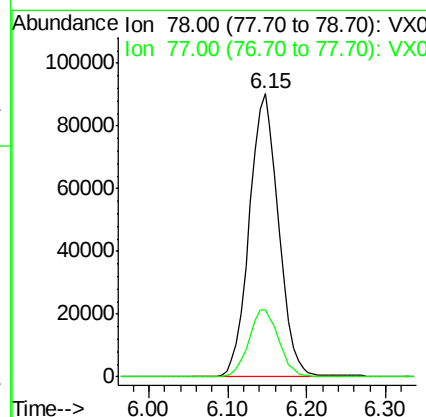
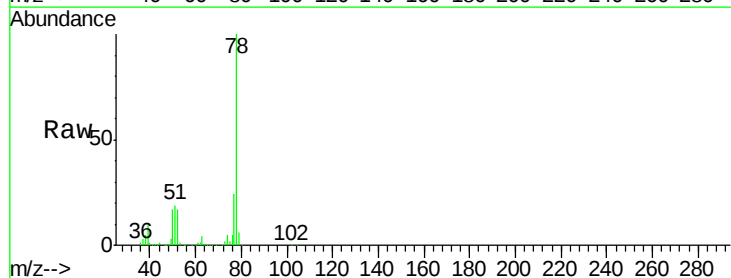
Manual Integrations
APPROVED

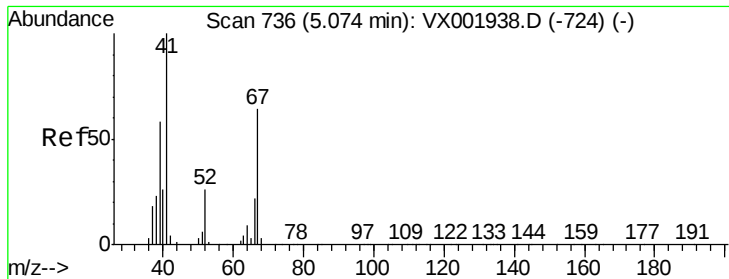
MMDadoda
6/4/2018 2:31:32 PM



#40
Benzene
Concen: 18.505 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002217.D
Acq: 01 Jun 2018 17:35

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.1	28.7





#41

Methacrylonitrile

Concen: 18.002 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.01 min

Lab File: VX002217.D

Acq: 01 Jun 2018 17:35

Instrument :

MSVOA_X

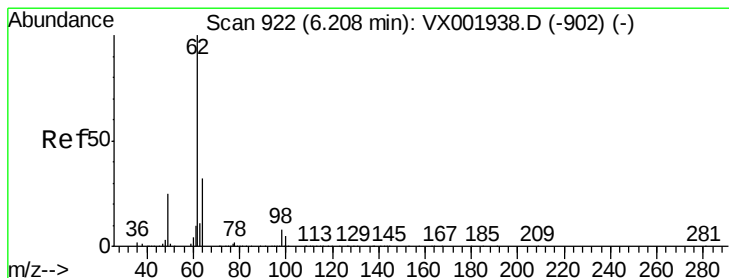
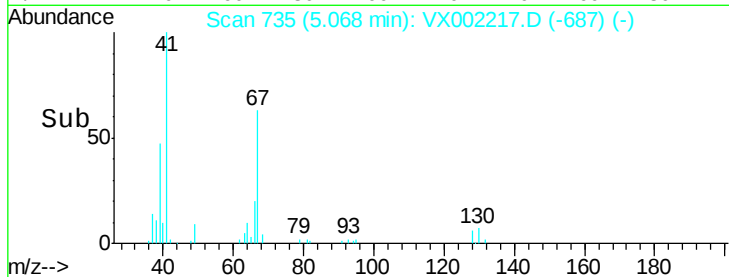
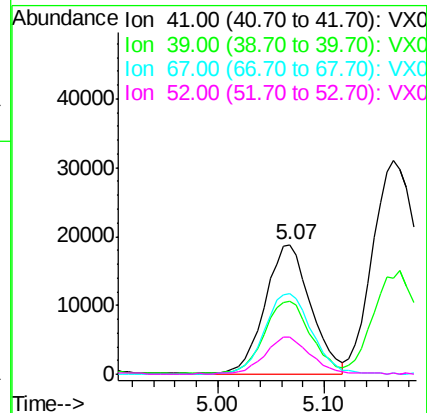
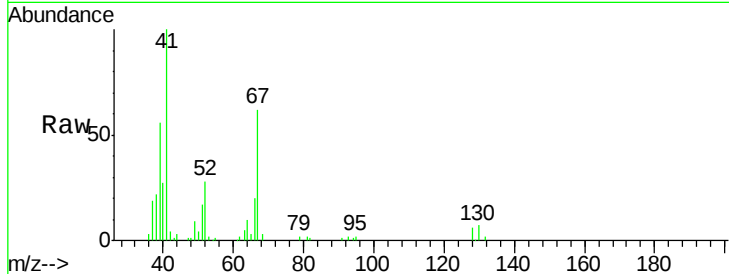
ClientSampleId :

VX0601WBS01

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.8	46.0	69.0	
67	65.0	50.6	75.8	
52	29.5	21.9	32.9	

Manual Integrations
APPROVED

MMDadoda
6/4/2018 2:31:32 PM



#42

1,2-Dichloroethane

Concen: 19.076 ug/l

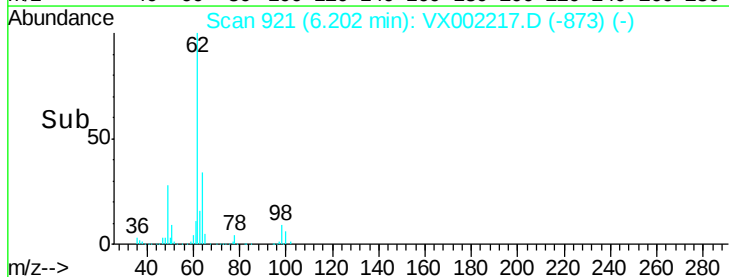
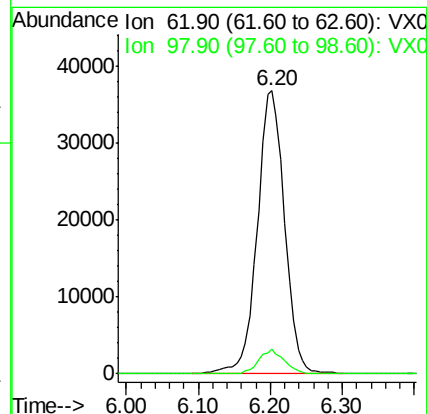
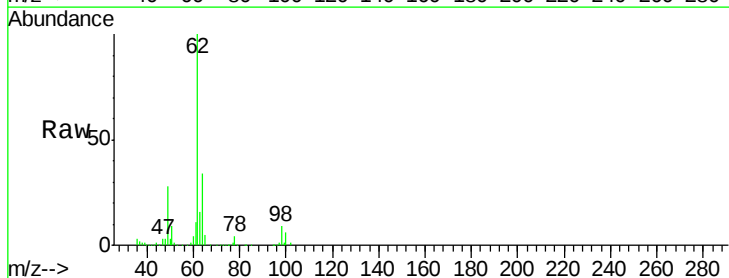
RT: 6.20 min Scan# 921

Delta R.T. -0.01 min

Lab File: VX002217.D

Acq: 01 Jun 2018 17:35

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.2	0.0	17.0	





#43

Isopropyl Acetate

Concen: 17.545 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX002217.D

Acq: 01 Jun 2018 17:35

Instrument :

MSVOA_X

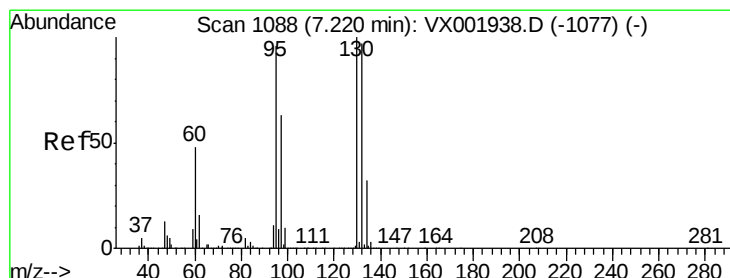
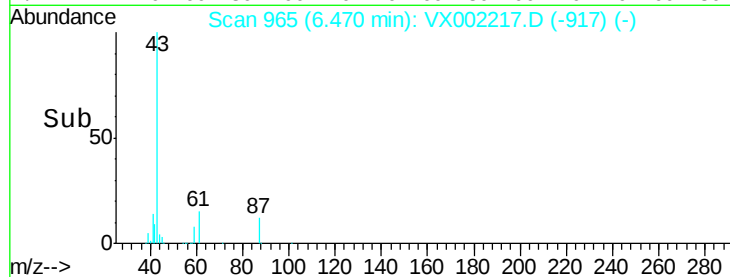
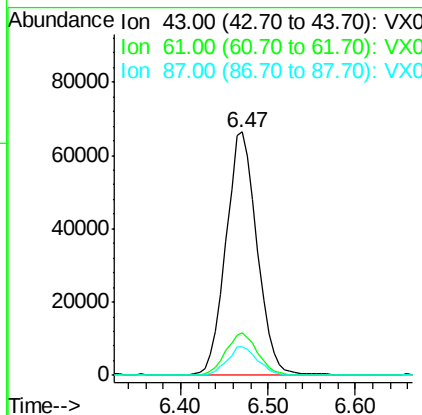
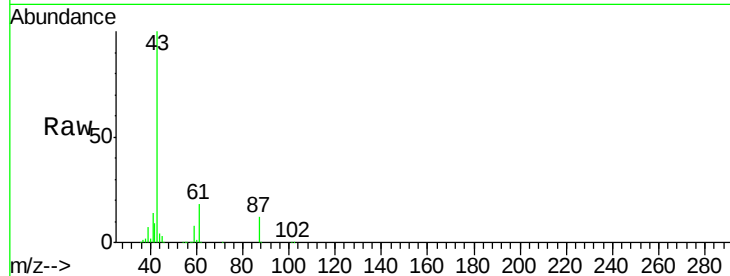
ClientSampleId :

VX0601WBS01

Tgt Ion:	43	Resp:	163936
Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.5	21.7
87	11.6	9.5	14.3

Manual Integrations
APPROVED

MMDadoda
6/4/2018 2:31:32 PM



#44

Trichloroethene

Concen: 17.854 ug/l

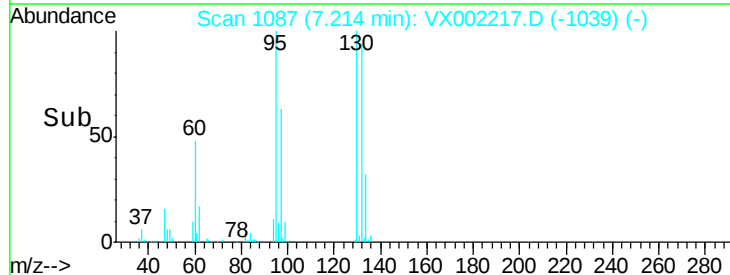
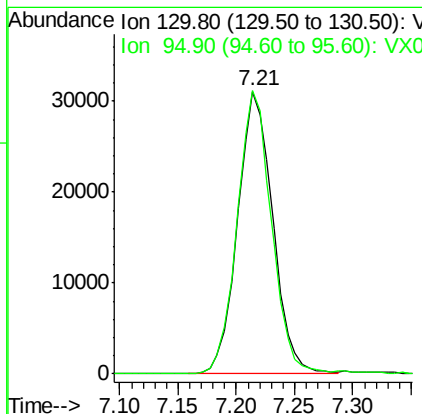
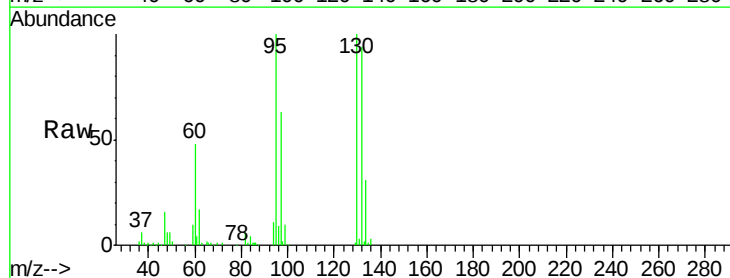
RT: 7.21 min Scan# 1087

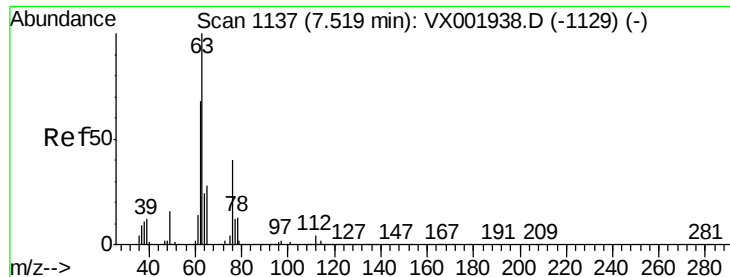
Delta R.T. -0.01 min

Lab File: VX002217.D

Acq: 01 Jun 2018 17:35

Tgt Ion:	130	Resp:	65562
Ion	Ratio	Lower	Upper
130	100		
95	100.1	0.0	192.0





#45

1,2-Dichloropropane

Concen: 18.933 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002217.D

Acq: 01 Jun 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

Tgt Ion: 63 Resp: 64791

Ion Ratio Lower Upper

63 100

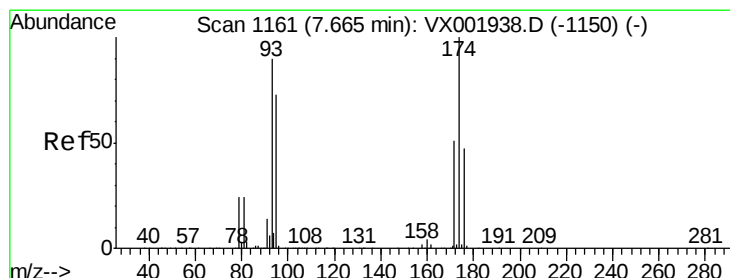
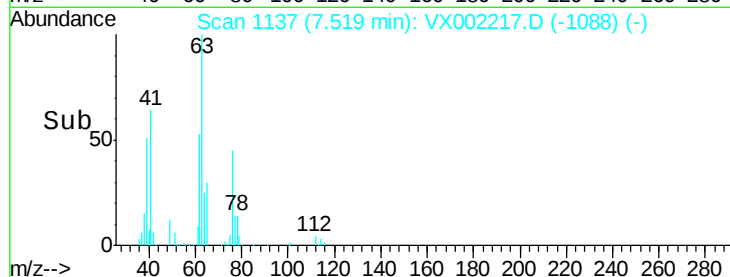
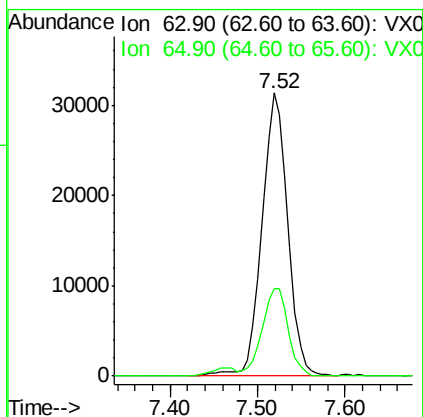
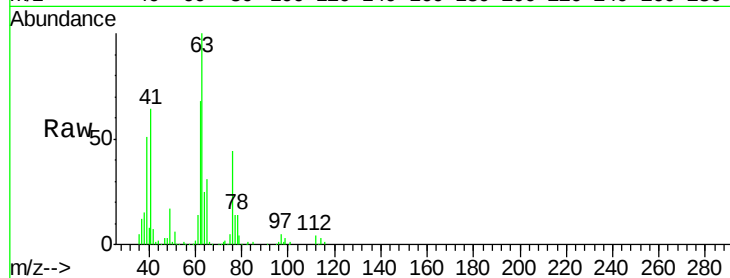
65 31.1 24.1 36.1

Manual Integrations

APPROVED

MMDadoda

6/4/2018 2:31:32 PM



#46

Dibromomethane

Concen: 18.880 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002217.D

Acq: 01 Jun 2018 17:35

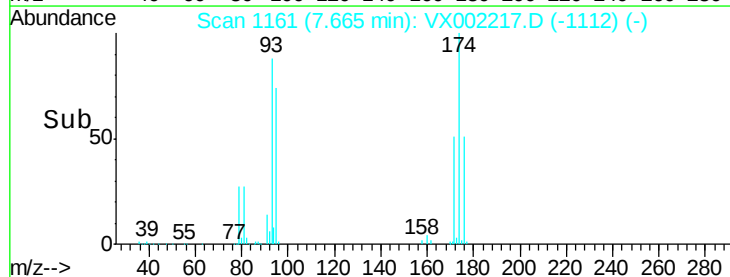
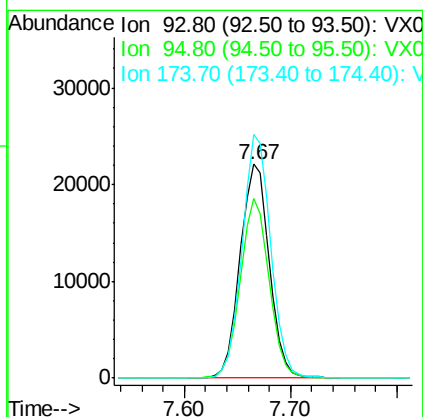
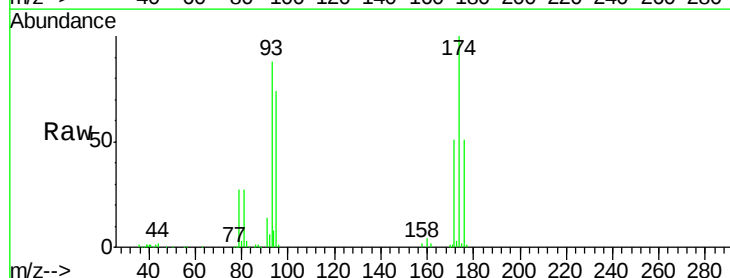
Tgt Ion: 93 Resp: 42778

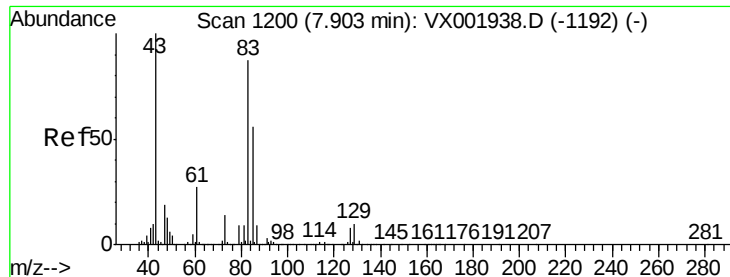
Ion Ratio Lower Upper

93 100

95 82.6 66.1 99.1

174 111.8 92.5 138.7





#47

Bromodichloromethane

Concen: 15.729 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002217.D

Acq: 01 Jun 2018 17:35

Instrument :

MSVOA_X

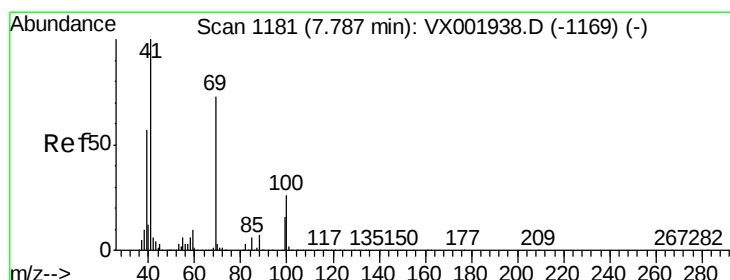
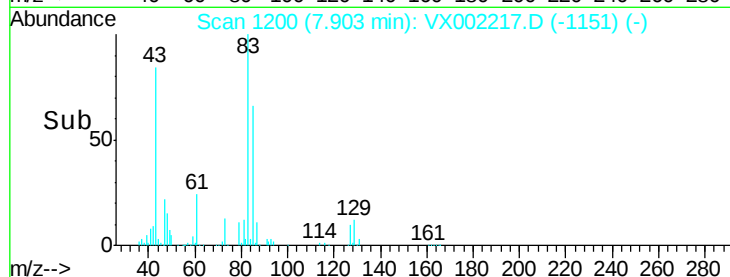
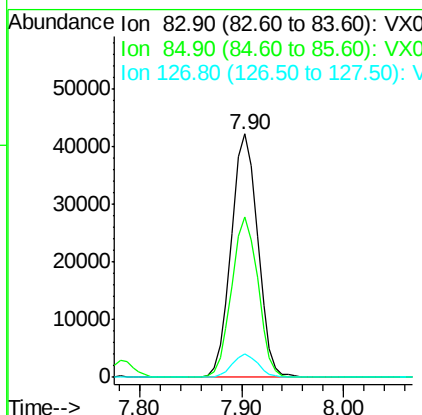
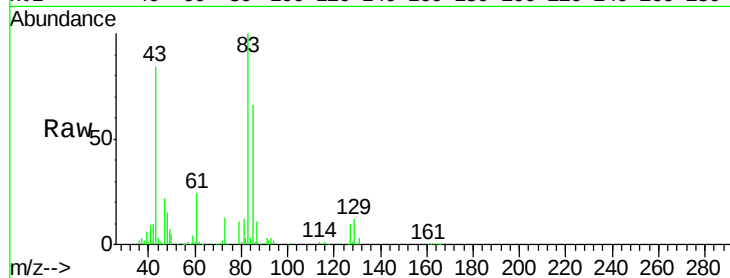
ClientSampleId :

VX0601WBS01

Tgt Ion:	83	Resp:	75987
Ion Ratio	Lower	Upper	
83	100		
85	65.9	51.4	77.2
127	9.6	7.1	10.7

Manual Integrations
APPROVED

MMDadoda
6/4/2018 2:31:32 PM



#48

Methyl methacrylate

Concen: 17.543 ug/l

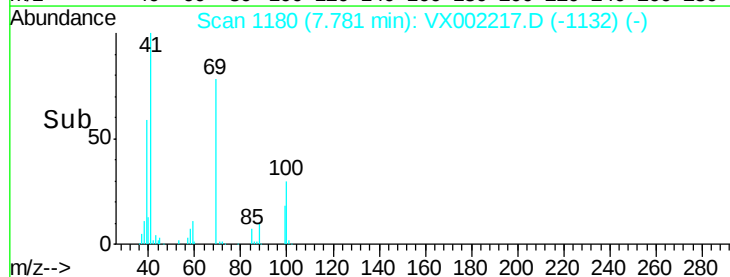
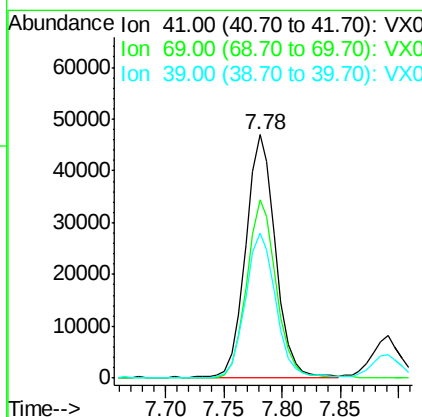
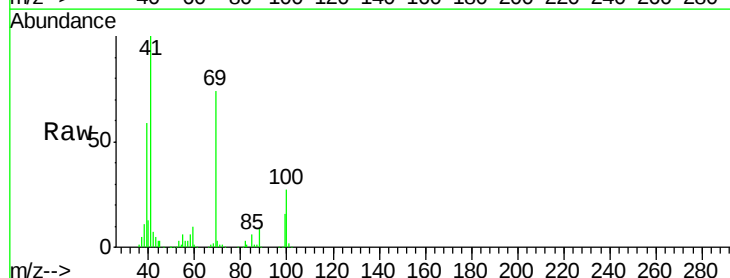
RT: 7.78 min Scan# 1180

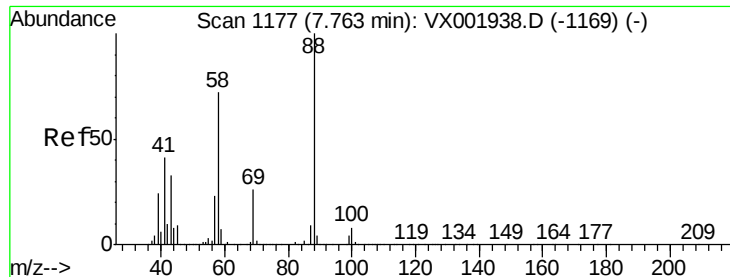
Delta R.T. -0.01 min

Lab File: VX002217.D

Acq: 01 Jun 2018 17:35

Tgt Ion:	41	Resp:	83425
Ion Ratio	Lower	Upper	
41	100		
69	73.4	58.6	87.8
39	60.5	46.3	69.5





#49

1,4-Dioxane

Concen: 362.780 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. -0.01 min

Lab File: VX002217.D

Acq: 01 Jun 2018 17:35

Instrument :

MSVOA_X

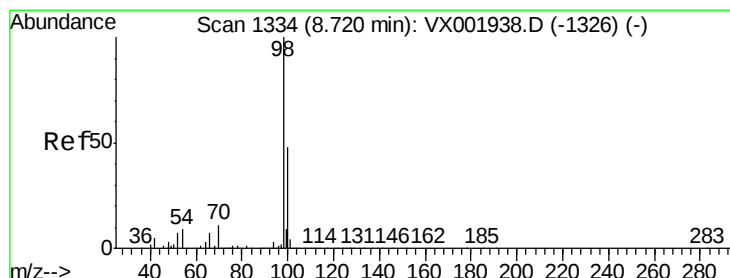
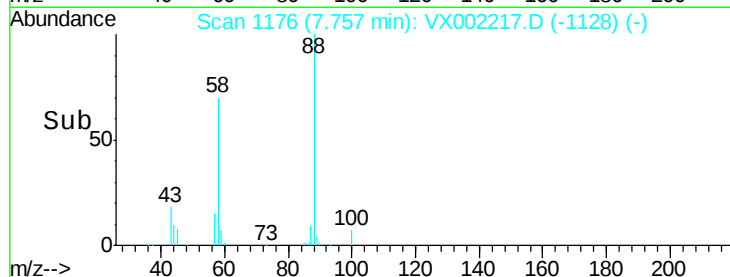
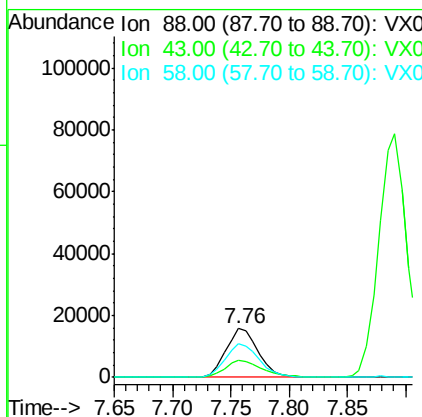
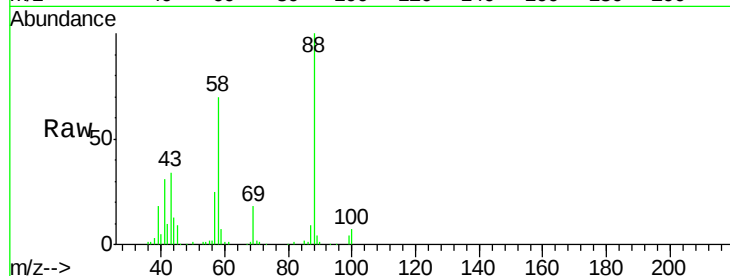
ClientSampleId :

VX0601WBS01

Tgt Ion:	88	Resp:	30401
Ion	Ratio	Lower	Upper
88	100		
43	36.7	29.8	44.8
58	72.4	58.7	88.1

Manual Integrations
APPROVED

MMDadoda
6/4/2018 2:31:32 PM



#50

Toluene-d8

Concen: 50.830 ug/l

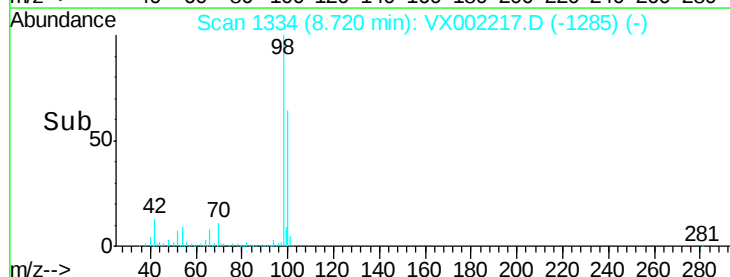
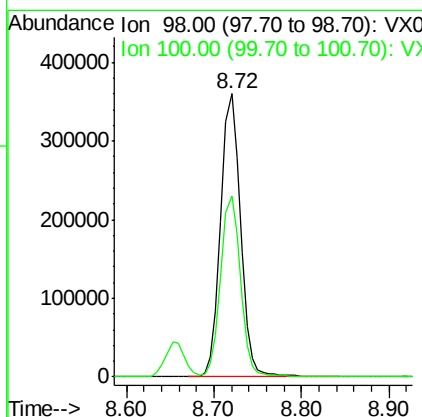
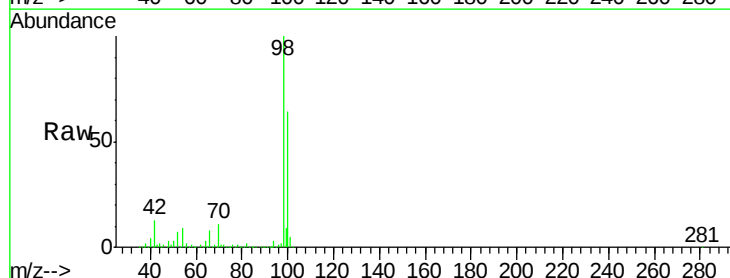
RT: 8.72 min Scan# 1334

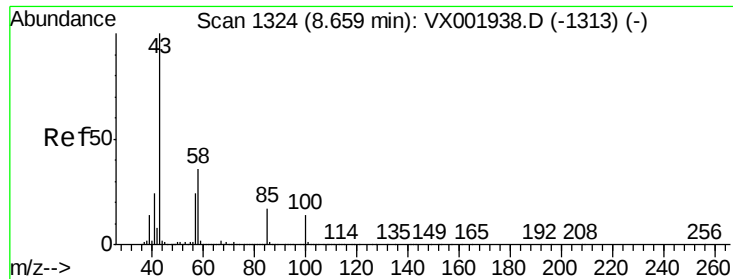
Delta R.T. 0.00 min

Lab File: VX002217.D

Acq: 01 Jun 2018 17:35

Tgt Ion:	98	Resp:	569059
Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.5	77.3





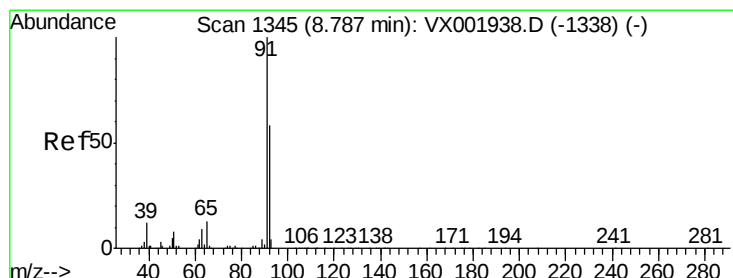
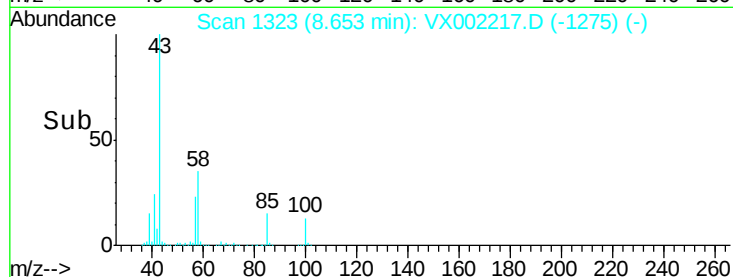
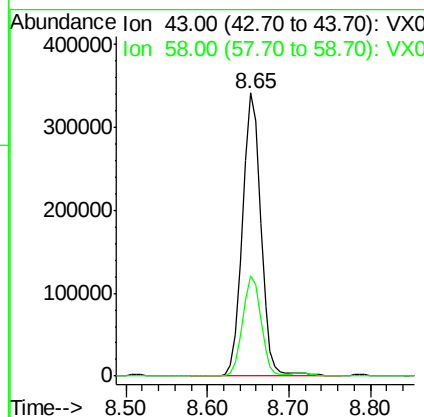
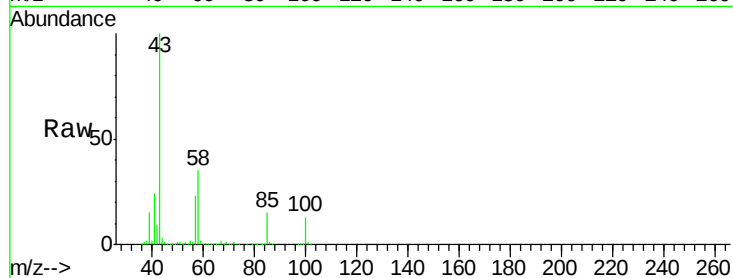
#51
4-Methyl-2-Pentanone
Concen: 94.277 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX002217.D
Acq: 01 Jun 2018 17:35

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

Tgt Ion: 43 Resp: 531011
Ion Ratio Lower Upper
43 100
58 35.1 28.5 42.7

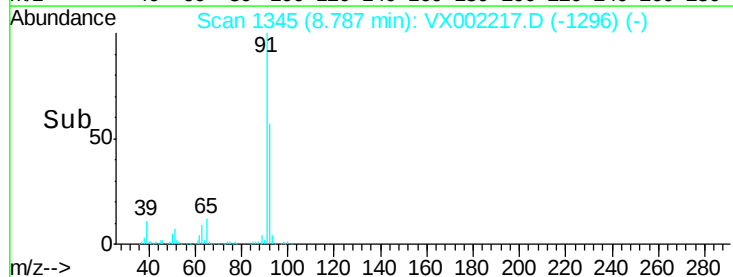
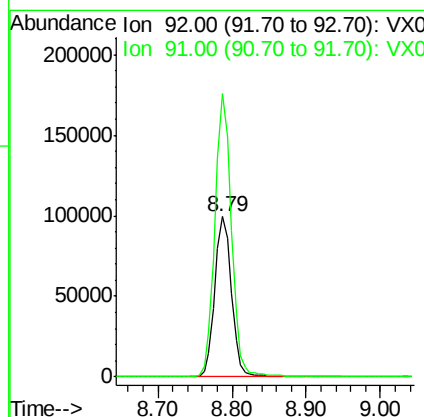
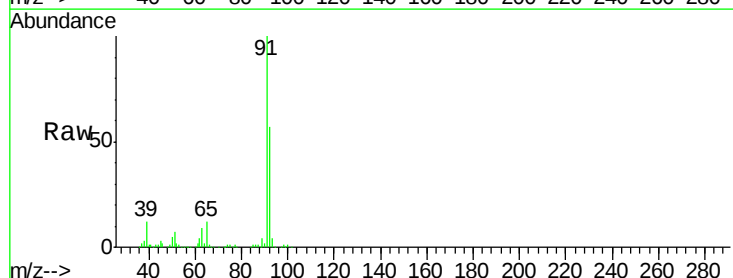
Manual Integrations
APPROVED

MMDadoda
6/4/2018 2:31:32 PM



#52
Toluene
Concen: 19.190 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX002217.D
Acq: 01 Jun 2018 17:35

Tgt Ion: 92 Resp: 153899
Ion Ratio Lower Upper
92 100
91 174.3 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 16.867 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002217.D

Acq: 01 Jun 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

Tgt Ion: 75 Resp: 93850

Ion Ratio Lower Upper

75 100

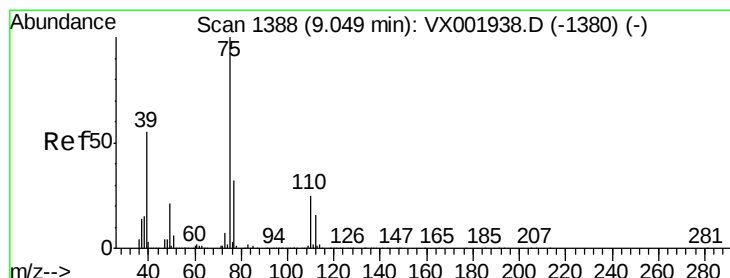
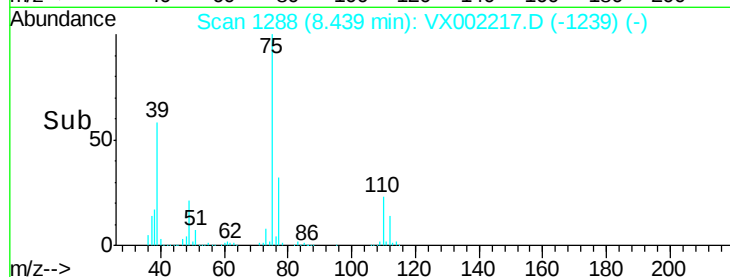
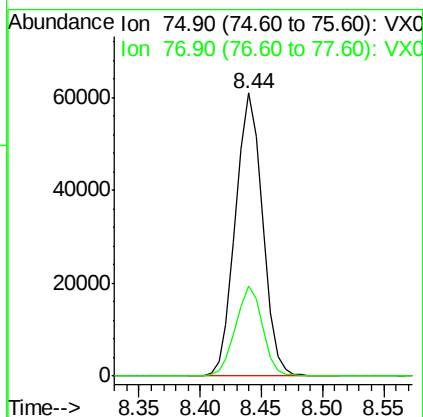
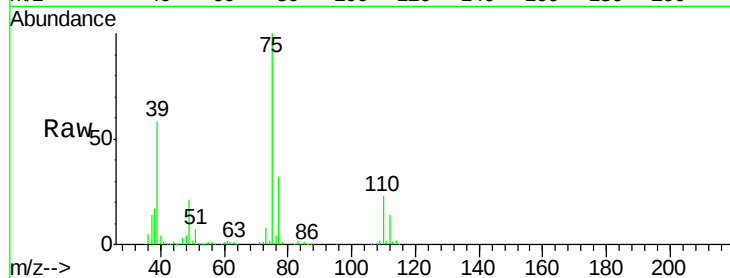
77 31.7 25.5 38.3

Manual Integrations

APPROVED

MMDadoda

6/4/2018 2:31:32 PM



#54

cis-1,3-Dichloropropene

Concen: 16.113 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX002217.D

Acq: 01 Jun 2018 17:35

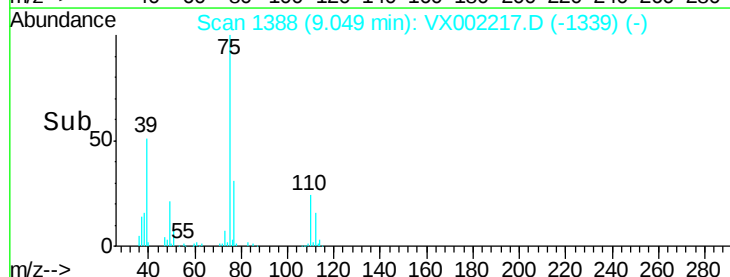
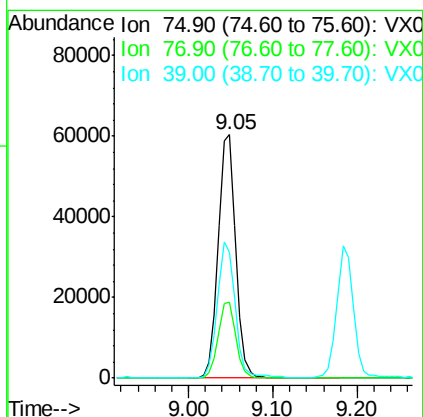
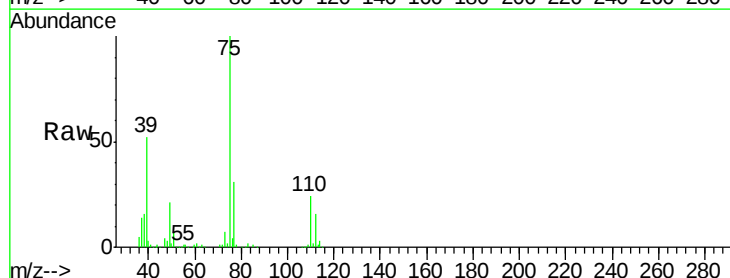
Tgt Ion: 75 Resp: 87365

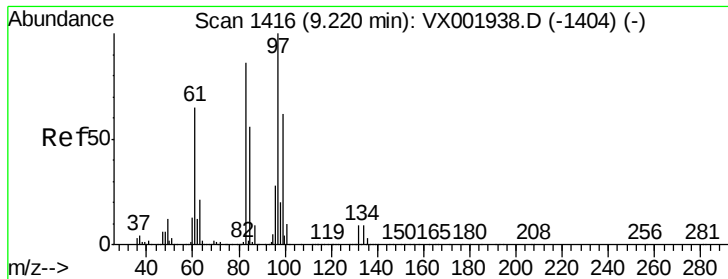
Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0

39 51.7 44.1 66.1





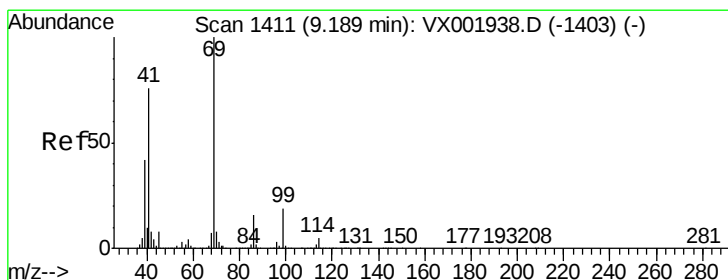
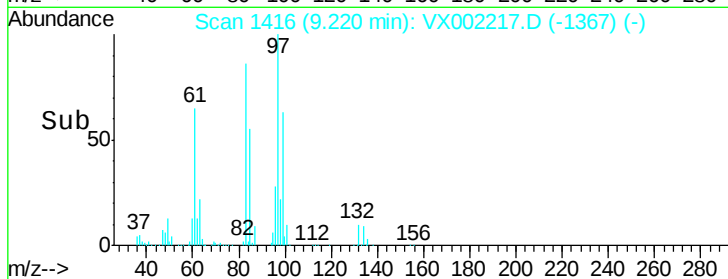
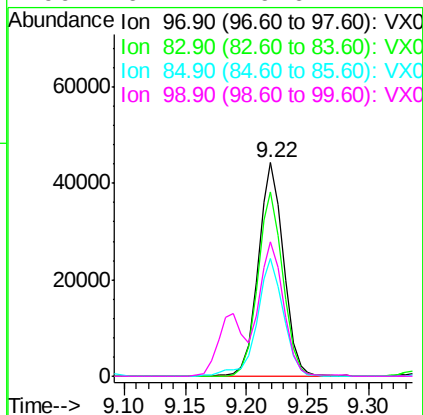
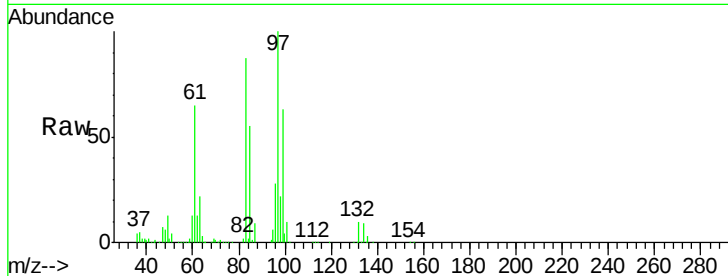
#55
 1,1,2-Trichloroethane
 Concen: 19.161 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002217.D
 Acq: 01 Jun 2018 17:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBS01

Tgt Ion:	97	Resp:	64194
Ion	Ratio	Lower	Upper
97	100		
83	86.5	69.1	103.7
85	55.2	45.2	67.8
99	62.7	49.6	74.4

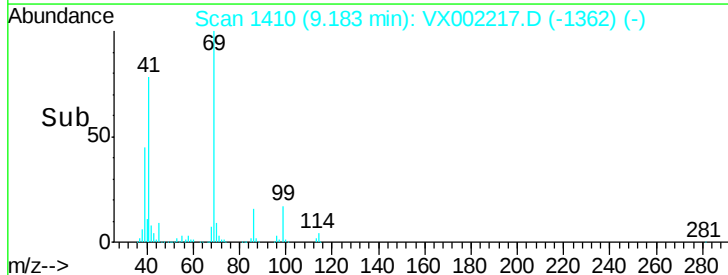
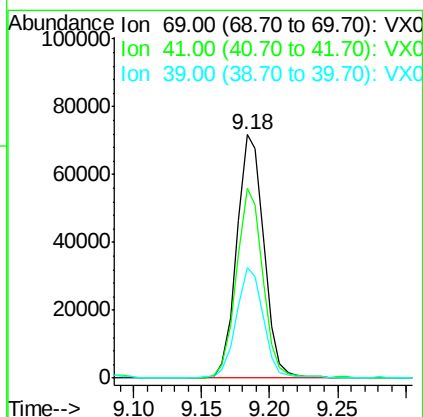
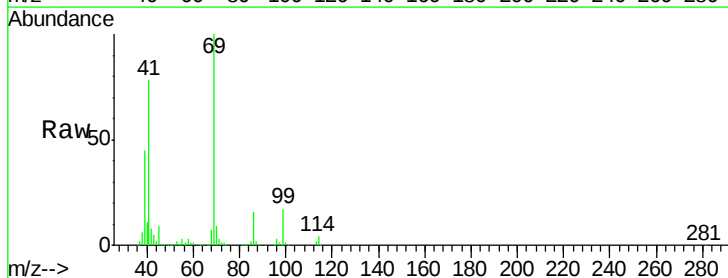
Manual Integrations
 APPROVED

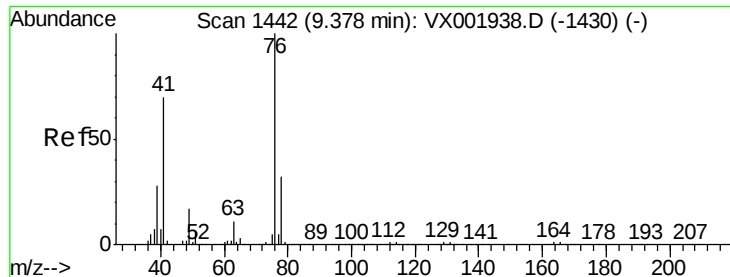
MMDadoda
 6/4/2018 2:31:32 PM



#56
 Ethyl methacrylate
 Concen: 17.298 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX002217.D
 Acq: 01 Jun 2018 17:35

Tgt Ion:	69	Resp:	99680
Ion	Ratio	Lower	Upper
69	100		
41	76.4	61.0	91.6
39	45.4	34.4	51.6





#57

1,3-Dichloropropane

Concen: 19.374 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002217.D

Acq: 01 Jun 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

Tgt Ion: 76 Resp: 106929

Ion Ratio Lower Upper

76 100

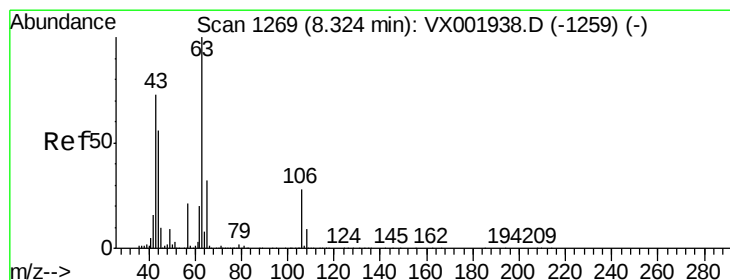
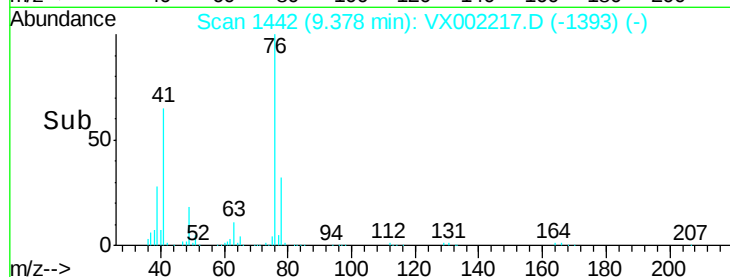
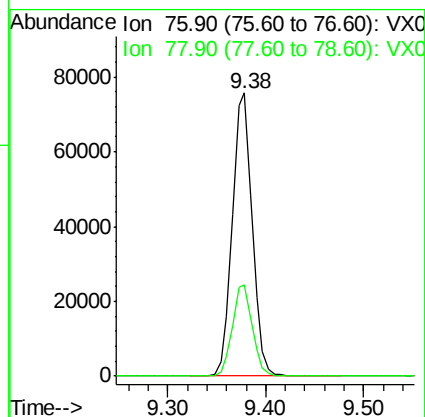
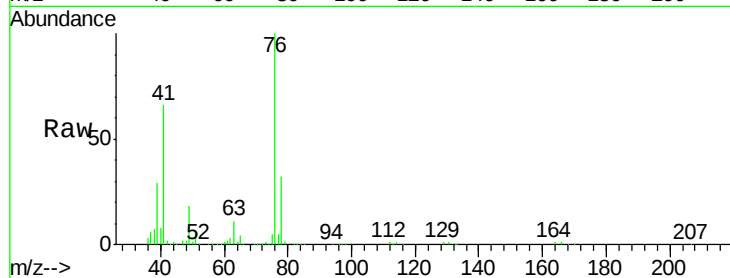
78 32.4 25.6 38.4

Manual Integrations

APPROVED

MMDadoda

6/4/2018 2:31:32 PM



#58

2-Chloroethyl Vinyl ether

Concen: 93.344 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX002217.D

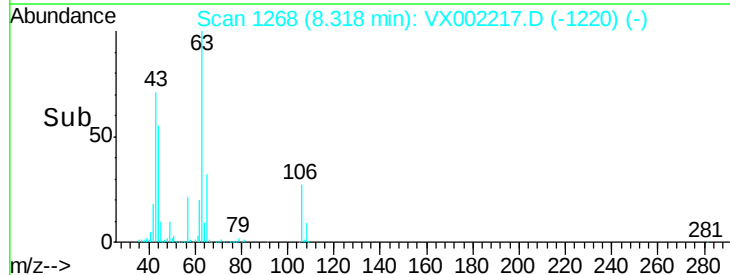
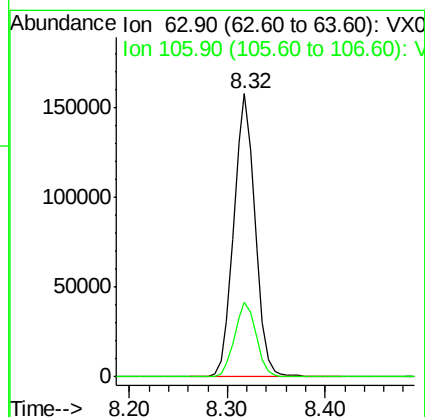
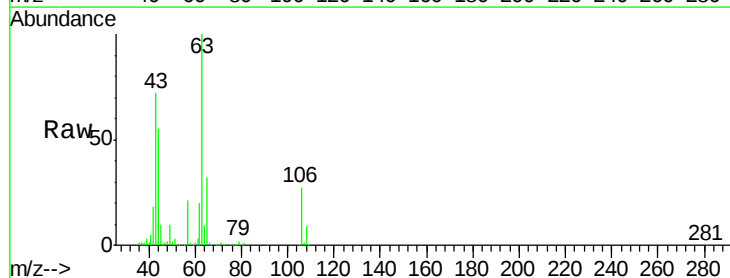
Acq: 01 Jun 2018 17:35

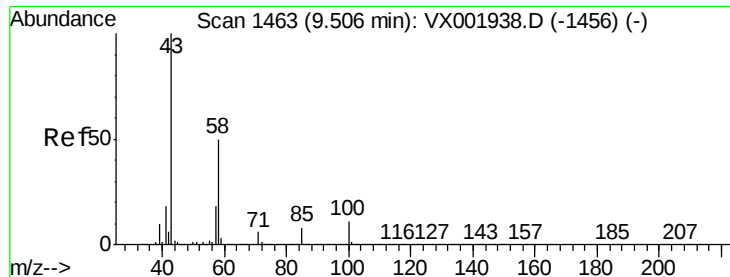
Tgt Ion: 63 Resp: 238408

Ion Ratio Lower Upper

63 100

106 26.8 21.7 32.5





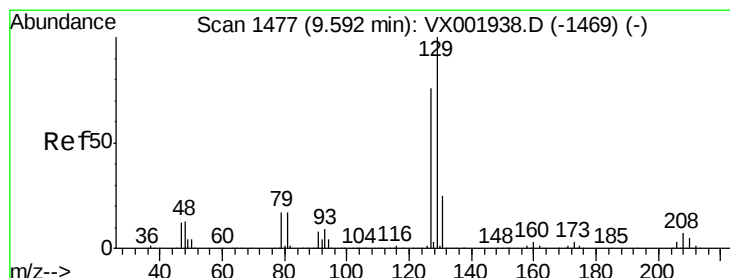
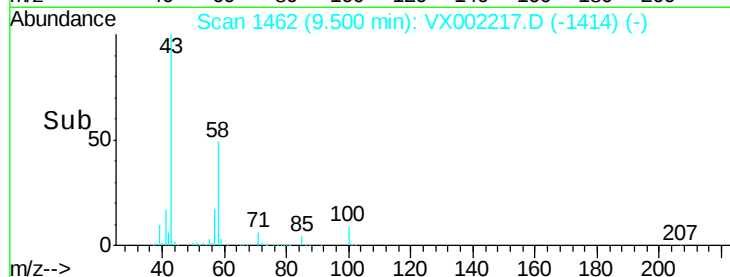
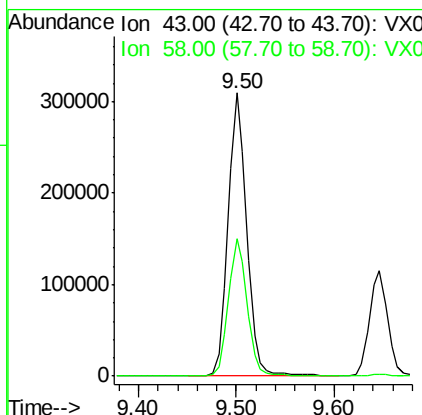
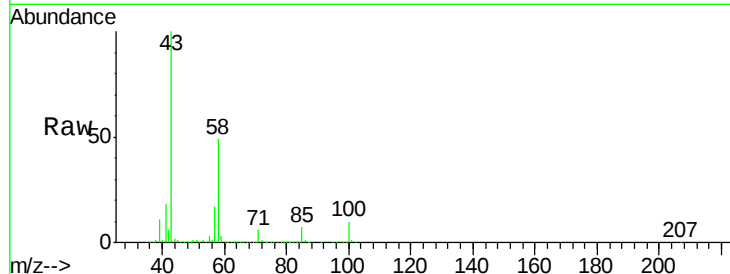
#59
2-Hexanone
Concen: 93.923 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002217.D
Acq: 01 Jun 2018 17:35

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

Tgt Ion: 43 Resp: 407907
Ion Ratio Lower Upper
43 100
58 49.3 24.9 74.6

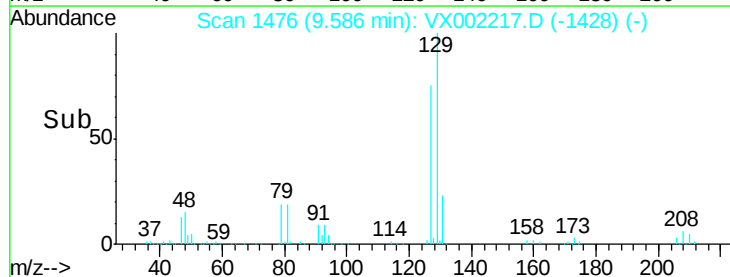
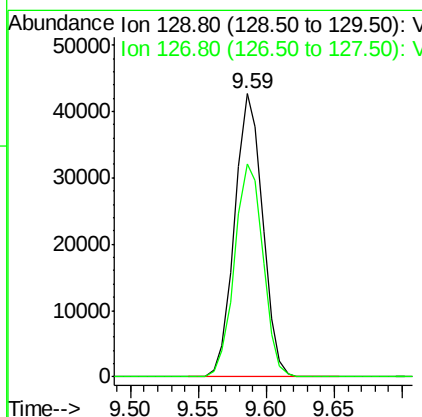
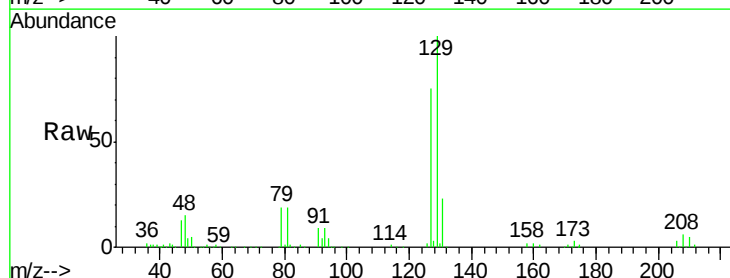
Manual Integrations
APPROVED

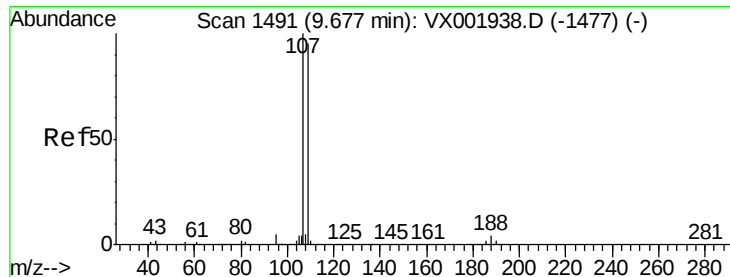
MMDadoda
6/4/2018 2:31:32 PM



#60
Dibromochloromethane
Concen: 15.426 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX002217.D
Acq: 01 Jun 2018 17:35

Tgt Ion: 129 Resp: 61212
Ion Ratio Lower Upper
129 100
127 76.6 38.3 114.9





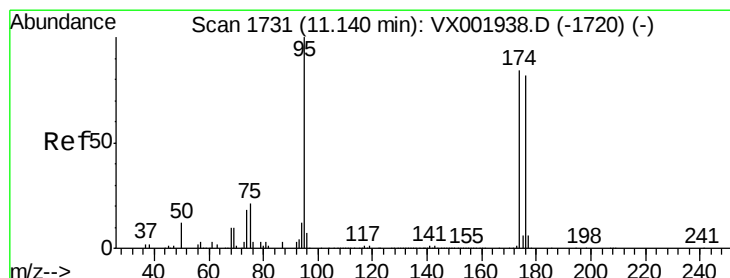
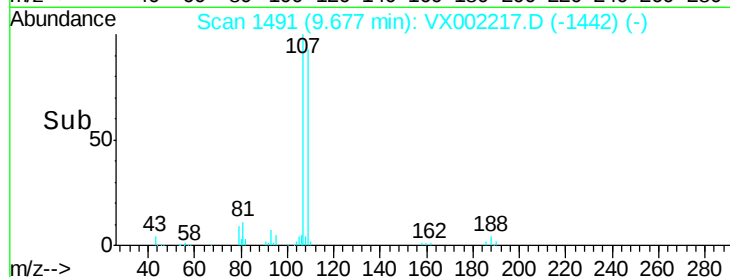
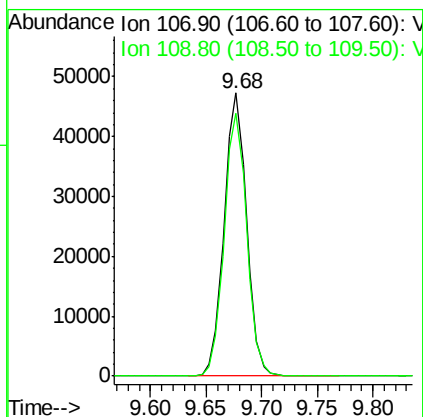
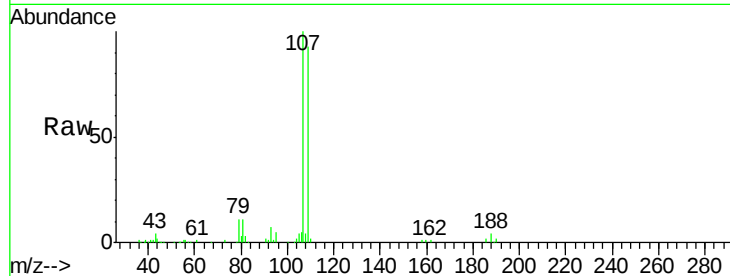
#61
 1,2-Dibromoethane
 Concen: 18.825 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX002217.D
 Acq: 01 Jun 2018 17:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBS01

Tgt Ion: 107 Resp: 66178
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.3 112.9

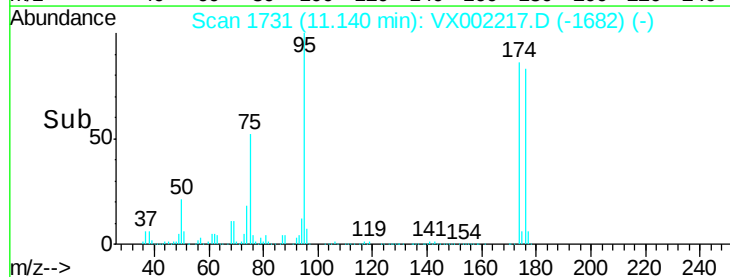
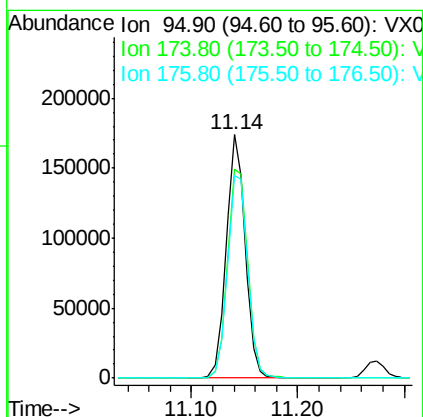
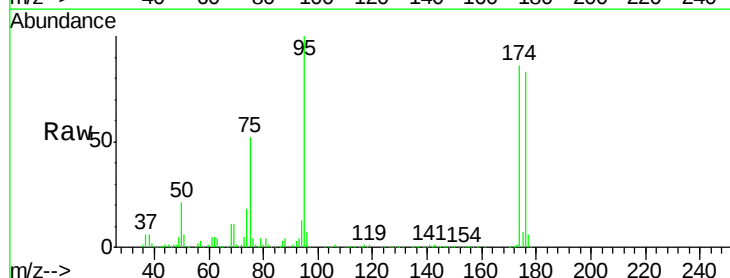
Manual Integrations
 APPROVED

MMDadoda
 6/4/2018 2:31:32 PM



#62
 4-Bromofluorobenzene
 Concen: 49.550 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX002217.D
 Acq: 01 Jun 2018 17:35

Tgt Ion: 95 Resp: 217042
 Ion Ratio Lower Upper
 95 100
 174 92.1 0.0 178.8
 176 89.1 0.0 175.6





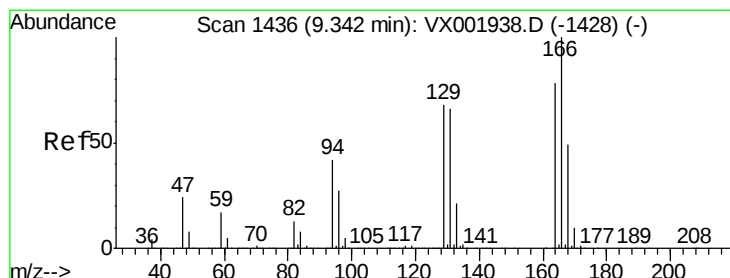
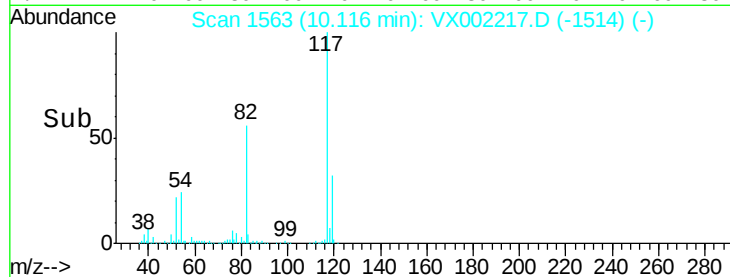
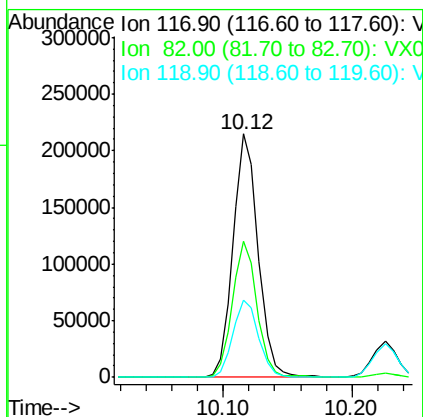
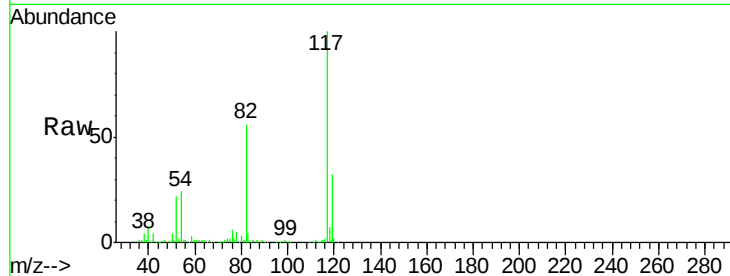
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002217.D
Acq: 01 Jun 2018 17:35

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	292411		
82	55.8	44.8	67.2	
119	31.6	25.5	38.3	

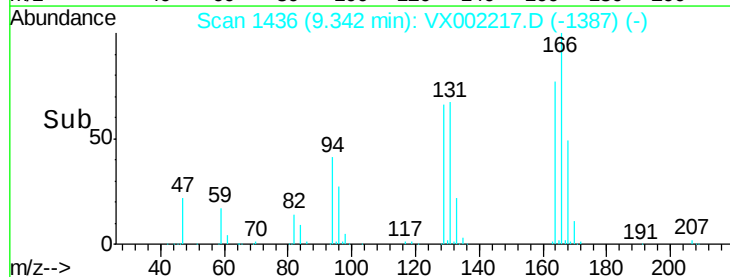
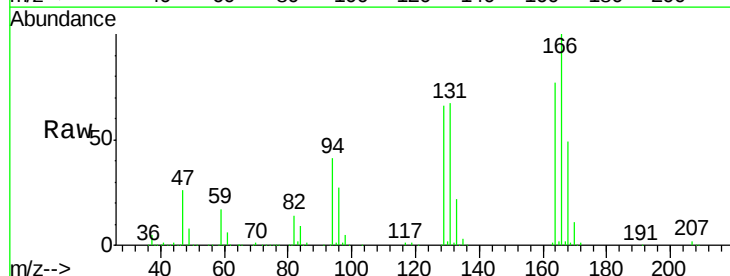
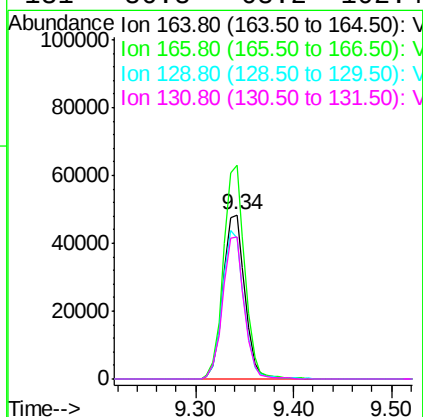
Manual Integrations
APPROVED

MMDadoda
6/4/2018 2:31:32 PM



#64
Tetrachloroethene
Concen: 17.862 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002217.D
Acq: 01 Jun 2018 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	74887		
166	130.2	102.7	154.1	
129	86.2	70.3	105.5	
131	86.8	68.2	102.4	





#65

Chlorobenzene

Concen: 18.694 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX002217.D

Acq: 01 Jun 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

Tgt Ion:112 Resp: 173191

Ion Ratio Lower Upper

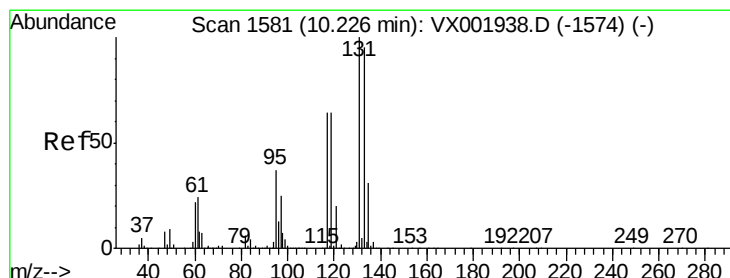
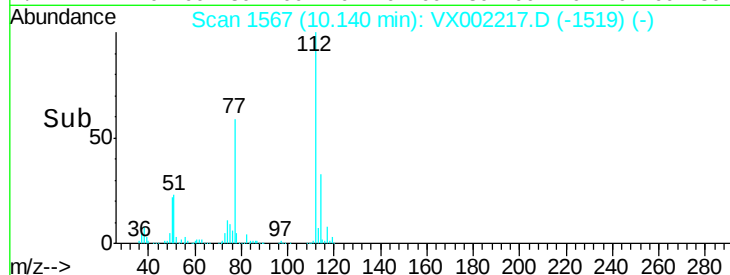
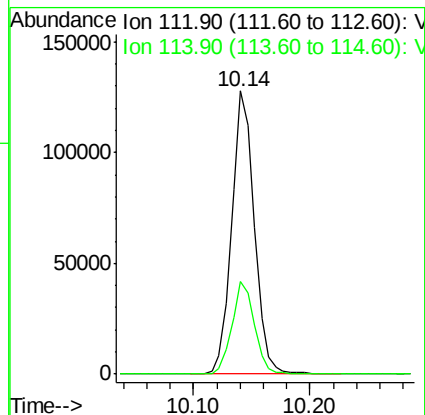
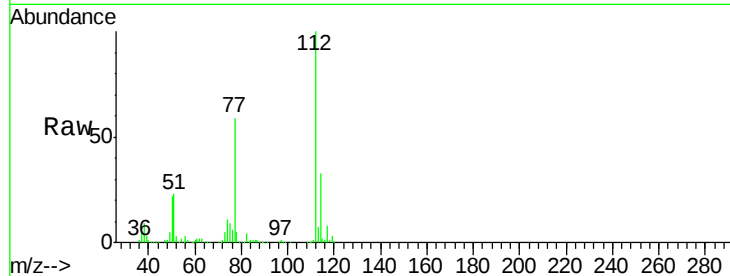
112 100

114 32.7 25.9 38.9

Manual Integrations
APPROVED

MMDadoda

6/4/2018 2:31:32 PM



#66

1,1,1,2-Tetrachloroethane

Concen: 16.667 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002217.D

Acq: 01 Jun 2018 17:35

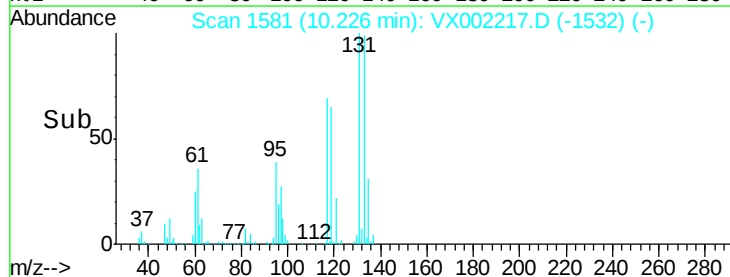
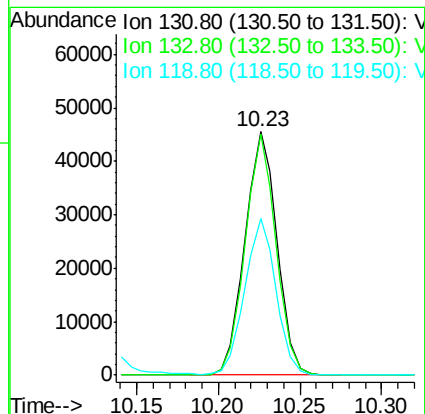
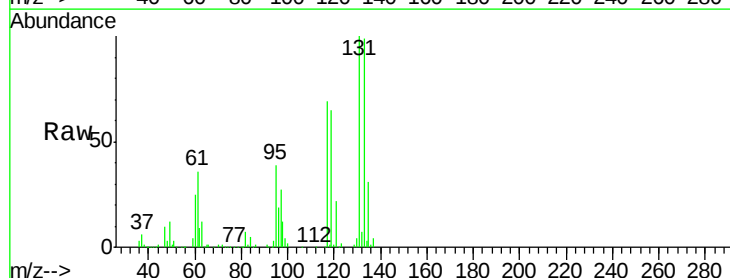
Tgt Ion:131 Resp: 62351

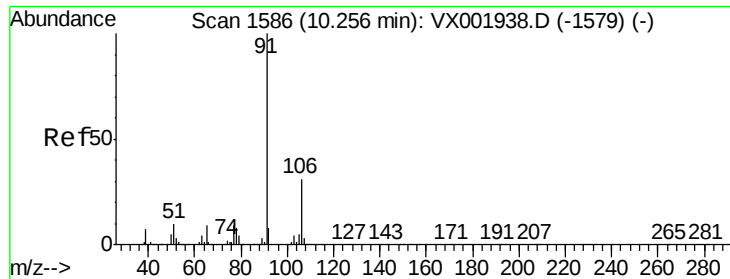
Ion Ratio Lower Upper

131 100

133 95.3 48.0 144.0

119 62.8 31.9 95.5





#67

Ethyl Benzene

Concen: 18.480 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002217.D

Acq: 01 Jun 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

Tgt Ion: 91 Resp: 297452

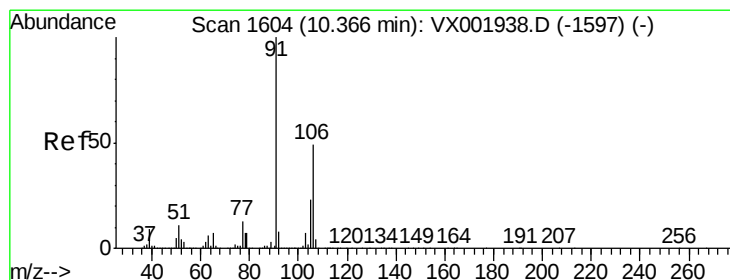
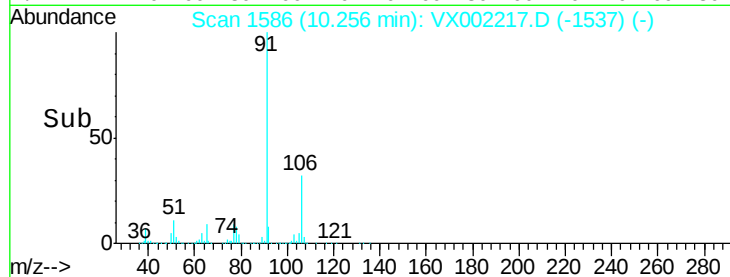
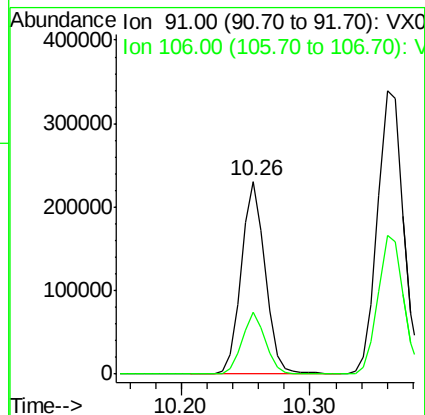
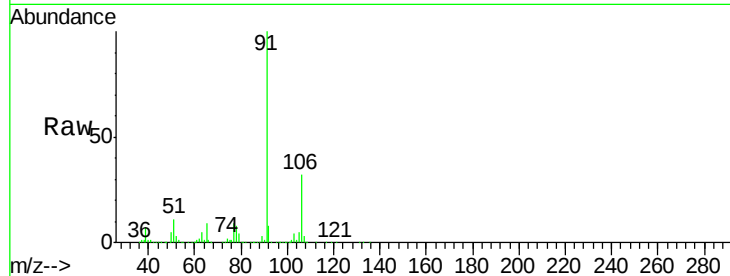
Ion Ratio Lower Upper

91 100

106 32.1 25.0 37.6

Manual Integrations
APPROVED

MMDadoda
6/4/2018 2:31:32 PM



#68

m/p-Xylenes

Concen: 37.024 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX002217.D

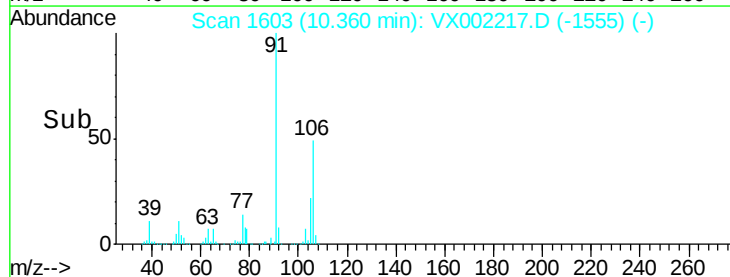
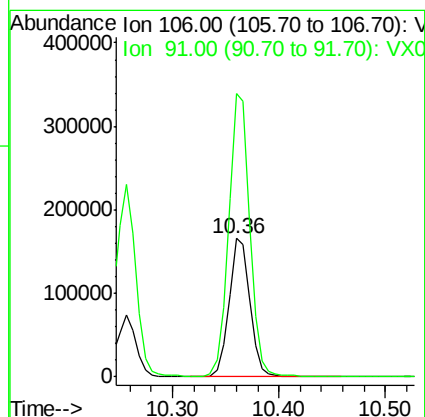
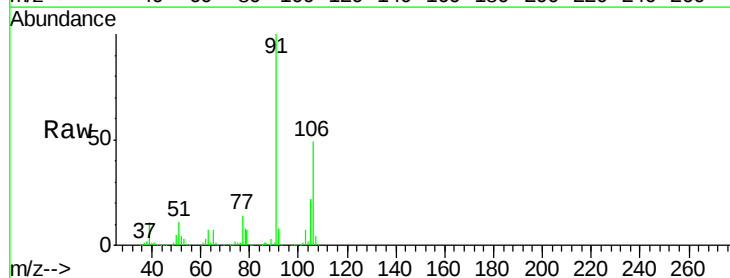
Acq: 01 Jun 2018 17:35

Tgt Ion: 106 Resp: 227806

Ion Ratio Lower Upper

106 100

91 207.5 165.0 247.6





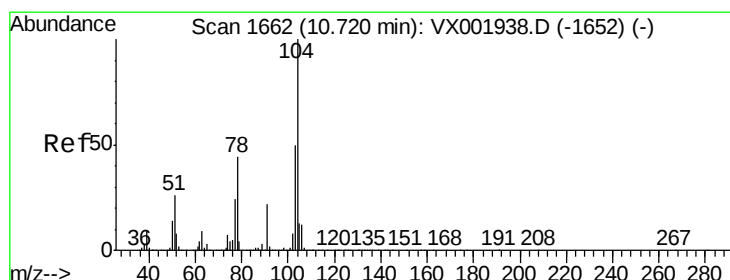
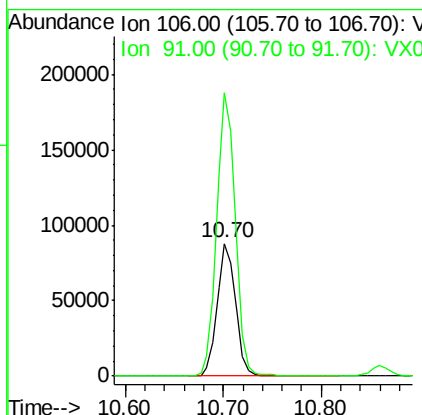
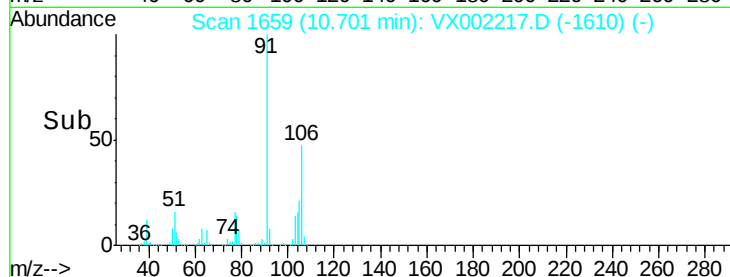
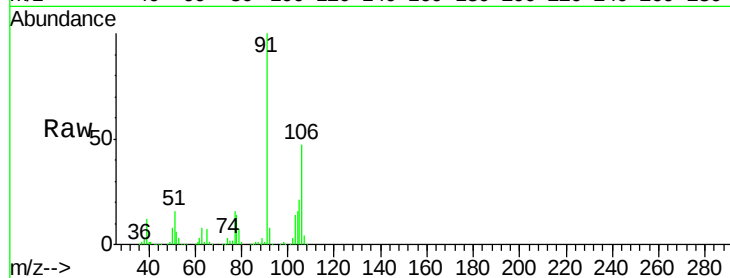
#69
o-Xylene
Concen: 18.658 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002217.D
Acq: 01 Jun 2018 17:35

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

Tgt Ion:106 Resp: 114627
Ion Ratio Lower Upper
106 100
91 216.2 108.7 325.9

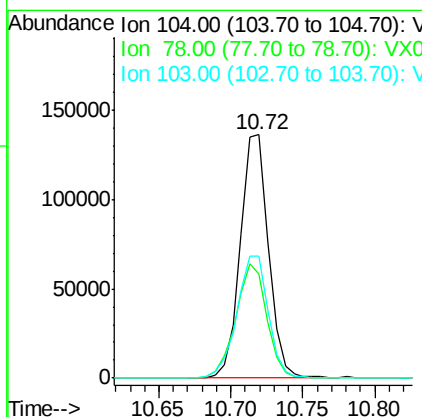
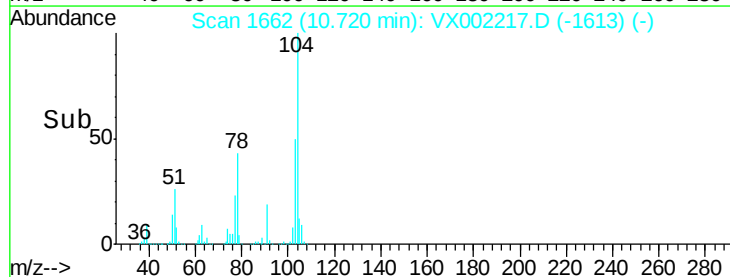
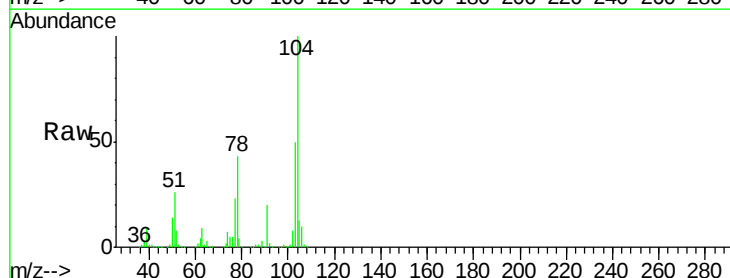
Manual Integrations
APPROVED

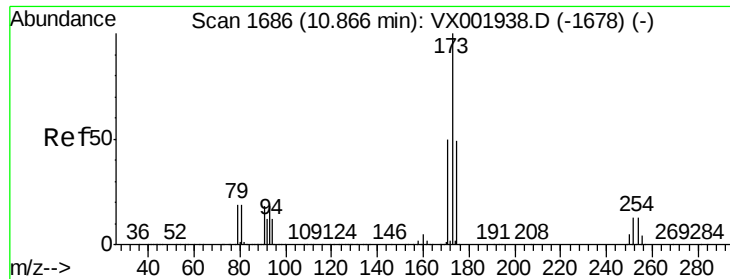
MMDadoda
6/4/2018 2:31:32 PM



#70
Styrene
Concen: 18.279 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX002217.D
Acq: 01 Jun 2018 17:35

Tgt Ion:104 Resp: 186240
Ion Ratio Lower Upper
104 100
78 51.9 41.8 62.6
103 56.6 44.6 67.0





#71

Bromoform

Concen: 12.481 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX002217.D

Acq: 01 Jun 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

Tgt Ion:173 Resp: 44274

Ion Ratio Lower Upper

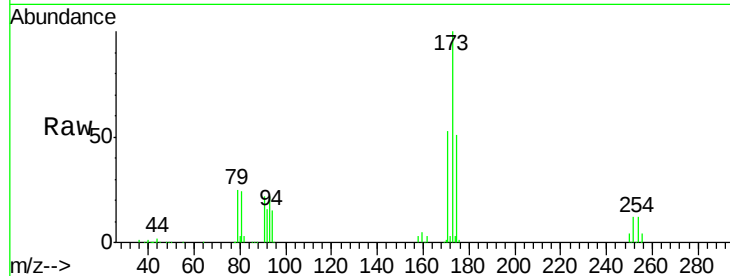
173 100

175 50.3 24.3 72.9

254 0.1 0.1 0.1#

Manual Integrations
APPROVED

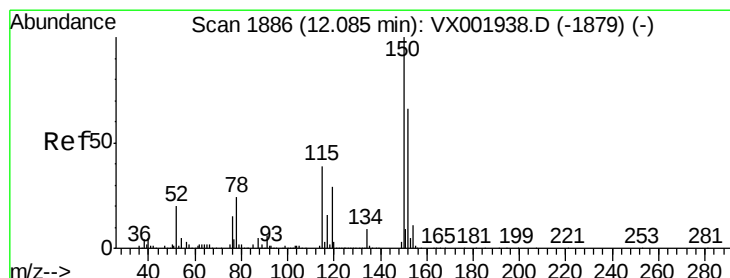
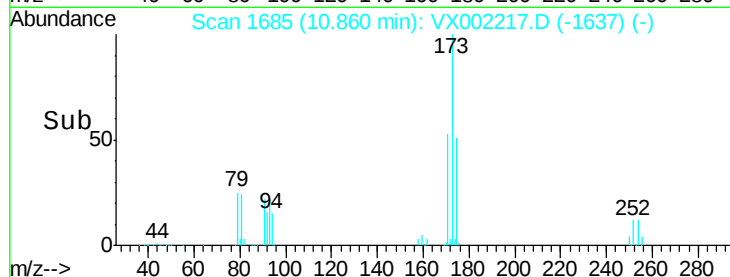
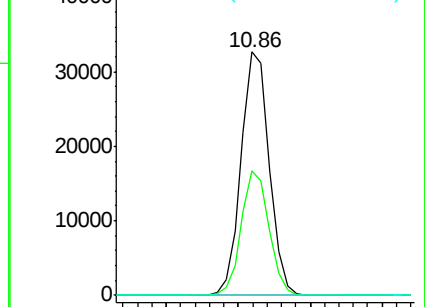
MMDadoda
6/4/2018 2:31:32 PM



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: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002217.D

Acq: 01 Jun 2018 17:35

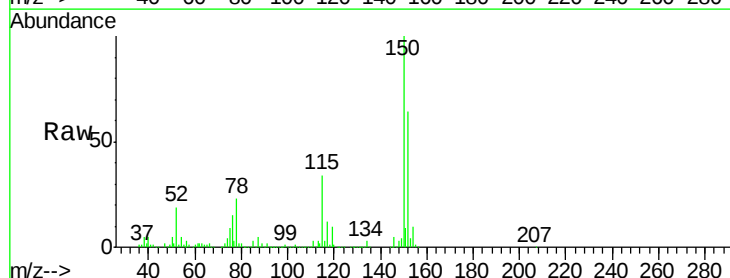
Tgt Ion:152 Resp: 195831

Ion Ratio Lower Upper

152 100

115 66.1 42.3 126.8

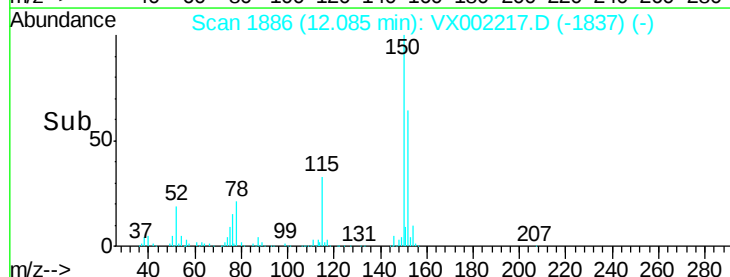
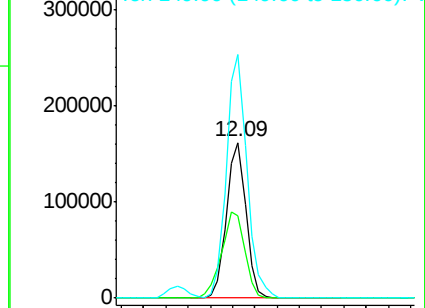
150 164.7 0.0 351.0

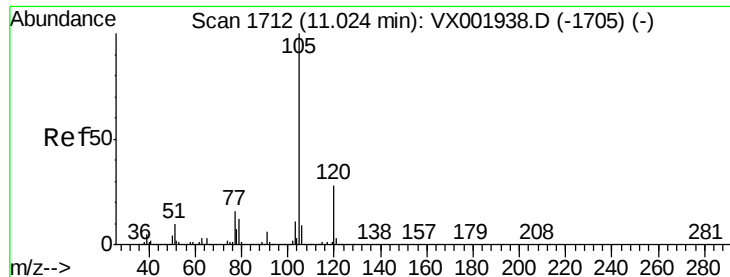


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.246 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002217.D

Acq: 01 Jun 2018 17:35

Instrument :

MSVOA_X

ClientSampled :

VX0601WBS01

Tgt Ion: 105 Resp: 302580

Ion Ratio Lower Upper

105 100

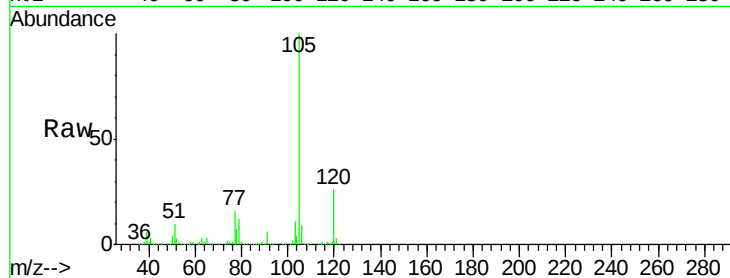
120 27.0 13.6 40.7

Manual Integrations

APPROVED

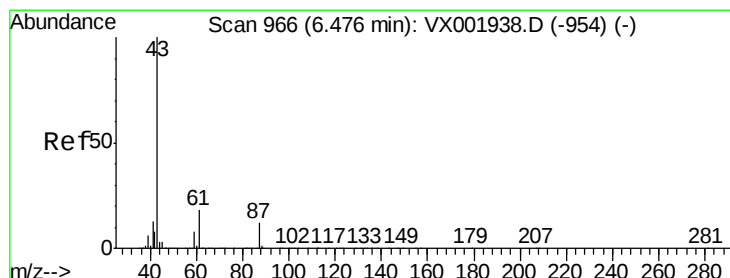
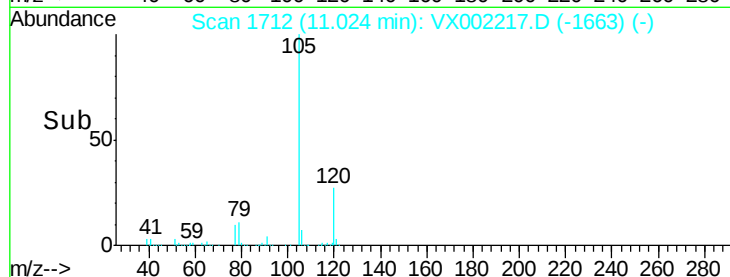
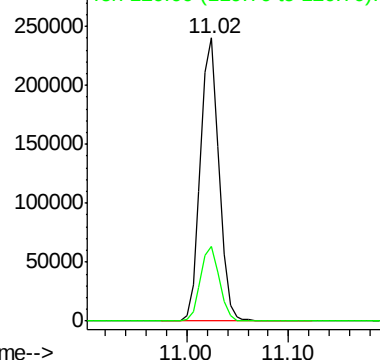
MMDadoda

6/4/2018 2:31:32 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.973 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX002217.D

Acq: 01 Jun 2018 17:35

Tgt Ion: 43 Resp: 163936

Ion Ratio Lower Upper

43 100

70 0.0 0.1 0.1#

55 0.1 0.1 0.1

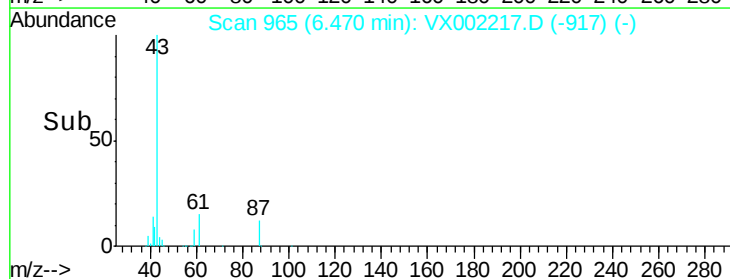
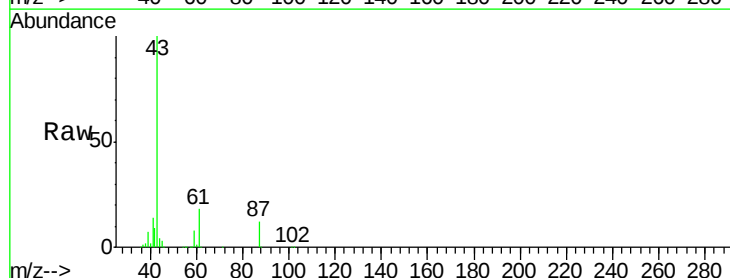
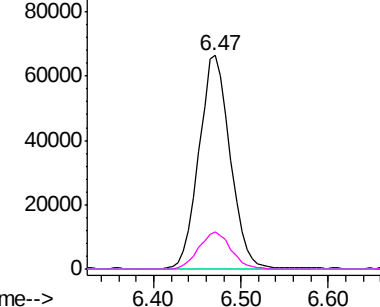
61 18.1 14.5 21.7

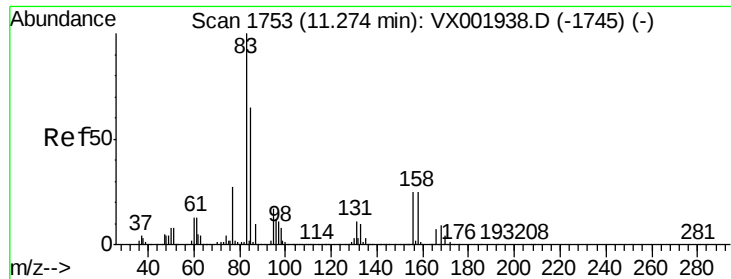
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.578 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002217.D

Acq: 01 Jun 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

Tgt Ion: 83 Resp: 92293

Ion Ratio Lower Upper

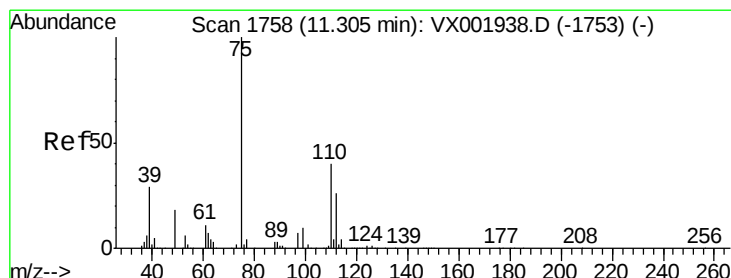
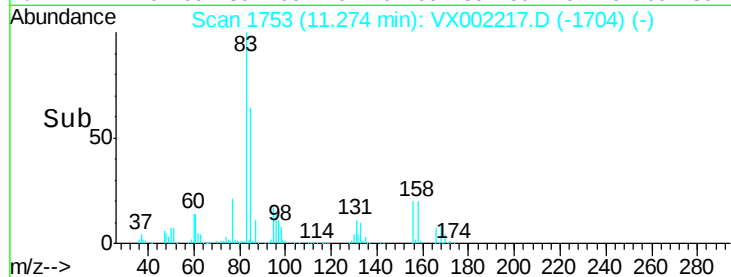
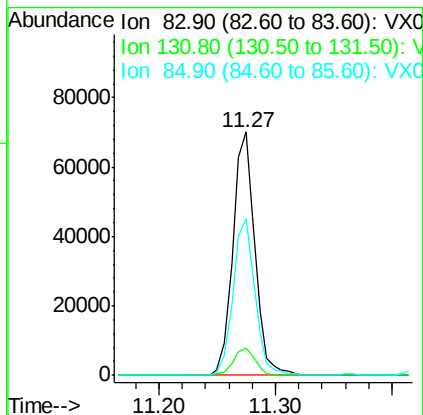
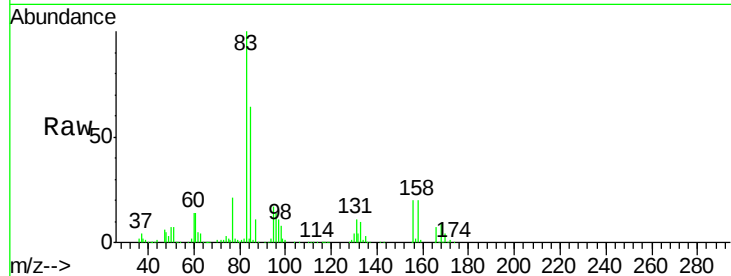
83 100

131 11.1 5.7 17.0

85 64.3 32.6 97.7

Manual Integrations
APPROVED

MMDadoda
6/4/2018 2:31:32 PM



#76

1,2,3-Trichloropropane

Concen: 20.451 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX002217.D

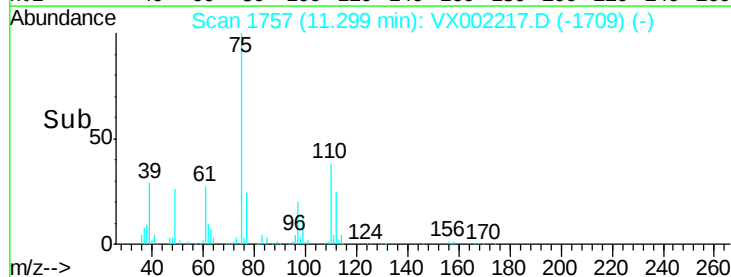
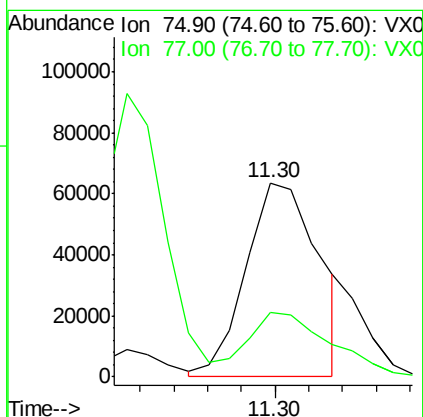
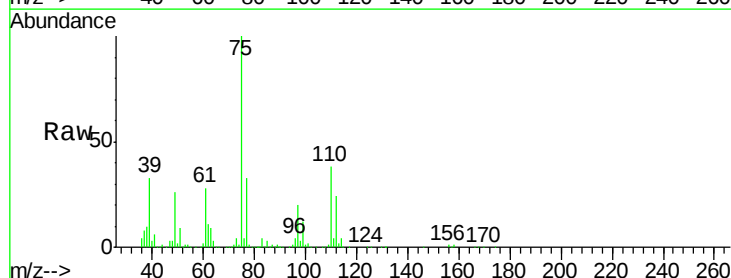
Acq: 01 Jun 2018 17:35

Tgt Ion: 75 Resp: 96196

Ion Ratio Lower Upper

75 100

77 38.0 22.8 68.3





#77

Bromobenzene

Concen: 18.990 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002217.D

Acq: 01 Jun 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

Tgt Ion:156 Resp: 83553

Ion Ratio Lower Upper

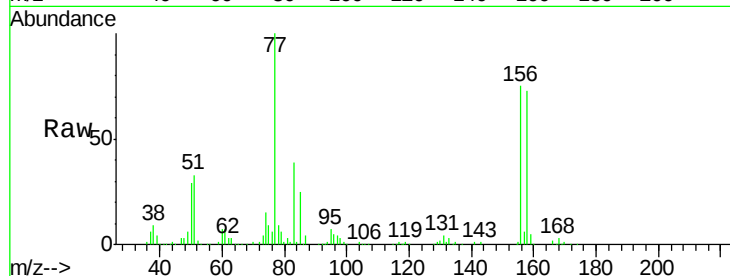
156 100

77 142.3 75.2 225.6

158 96.6 48.6 145.8

Manual Integrations
APPROVED

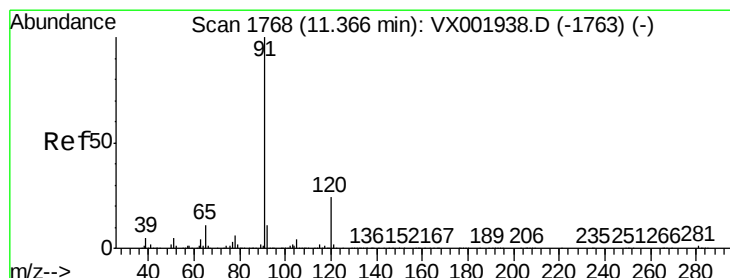
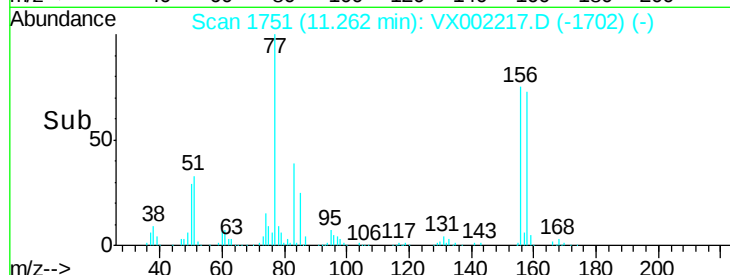
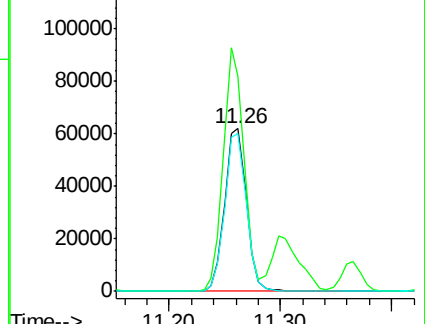
MMDadoda
6/4/2018 2:31:32 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.412 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002217.D

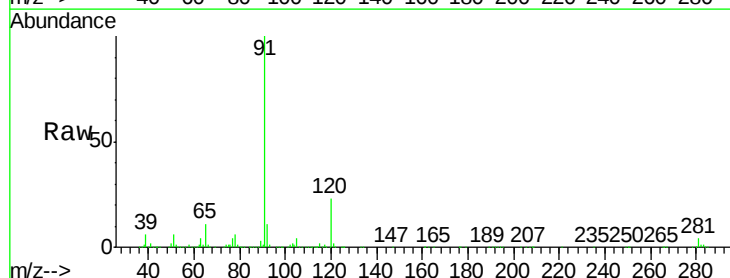
Acq: 01 Jun 2018 17:35

Tgt Ion: 91 Resp: 341974

Ion Ratio Lower Upper

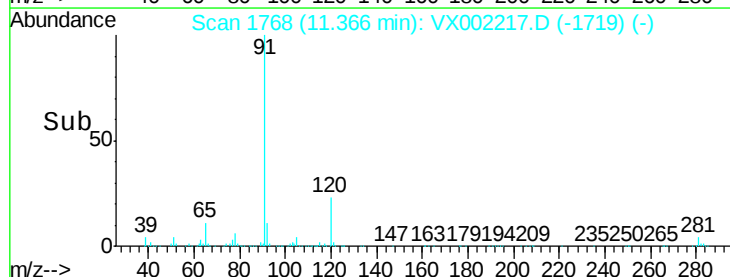
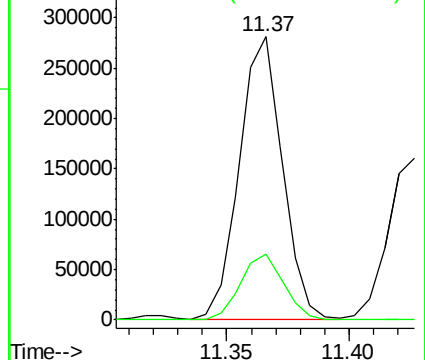
91 100

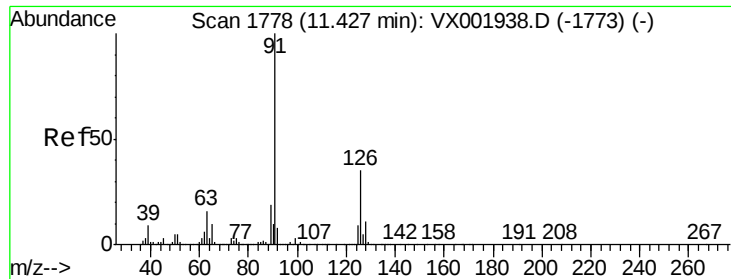
120 23.7 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.741 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002217.D

Acq: 01 Jun 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBS01

Tgt Ion: 91 Resp: 205627

Ion Ratio Lower Upper

91 100

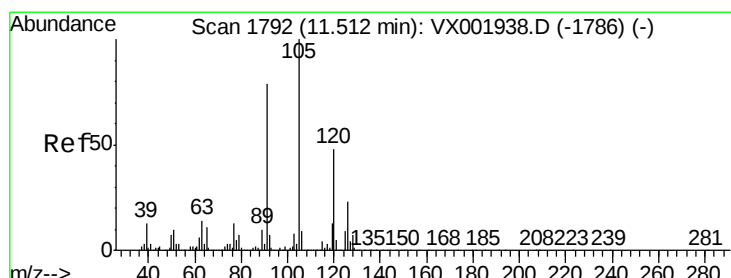
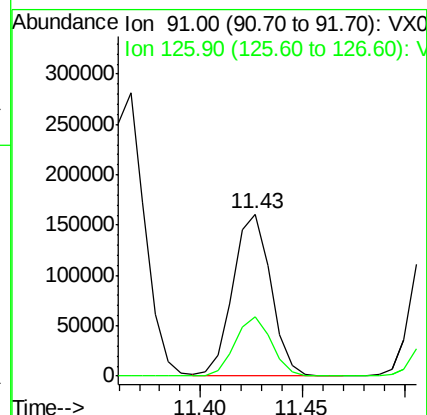
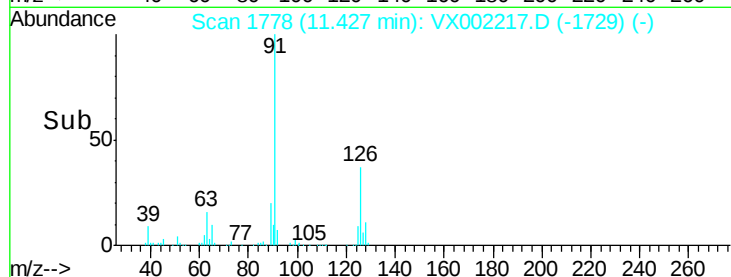
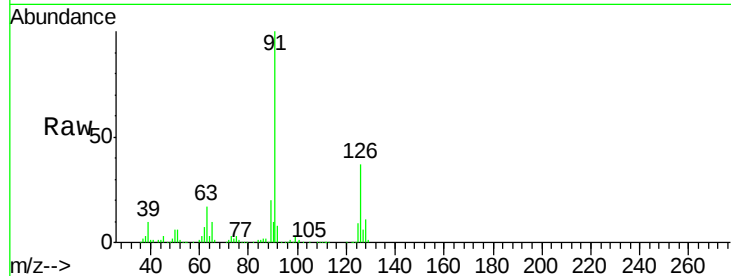
126 35.7 17.4 52.2

Manual Integrations

APPROVED

MMDadoda

6/4/2018 2:31:32 PM



#80

1,3,5-Trimethylbenzene

Concen: 18.079 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002217.D

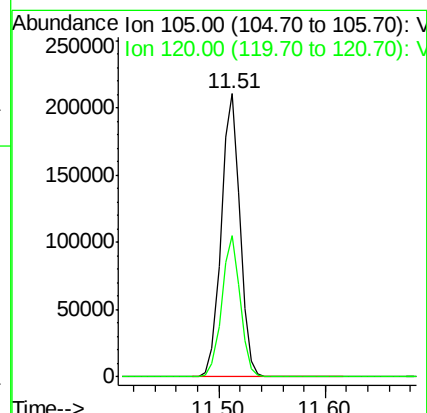
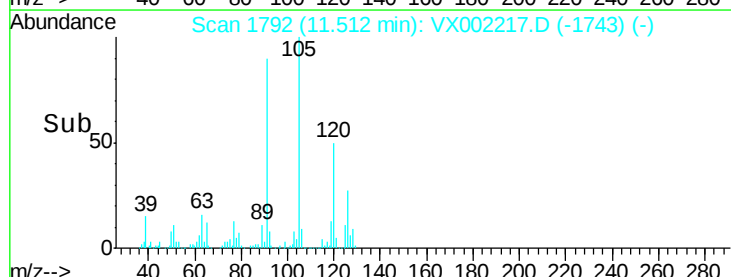
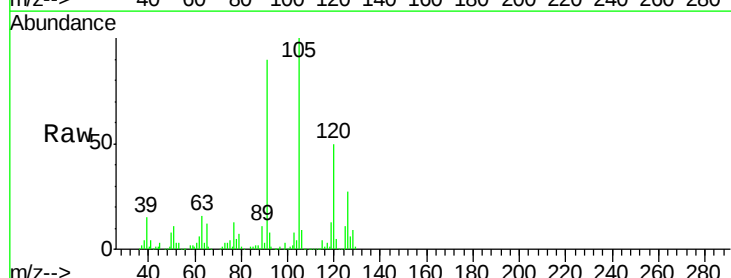
Acq: 01 Jun 2018 17:35

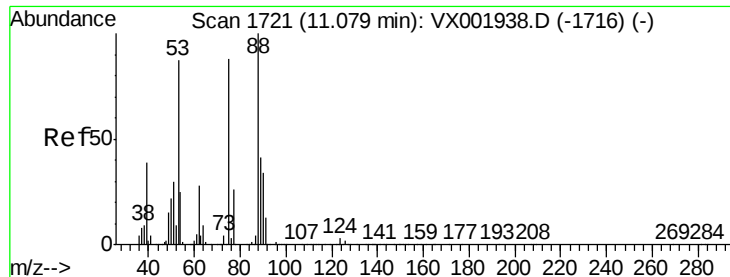
Tgt Ion: 105 Resp: 256207

Ion Ratio Lower Upper

105 100

120 48.8 24.1 72.4





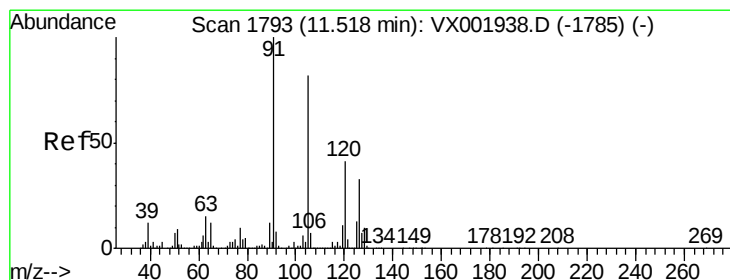
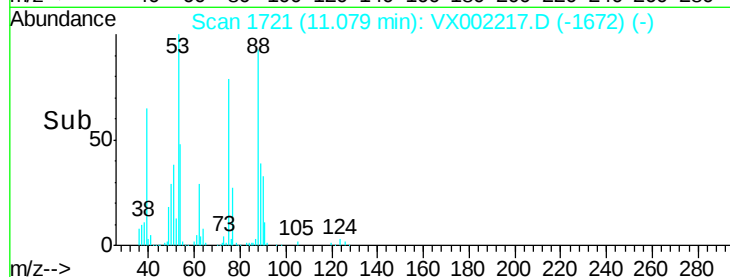
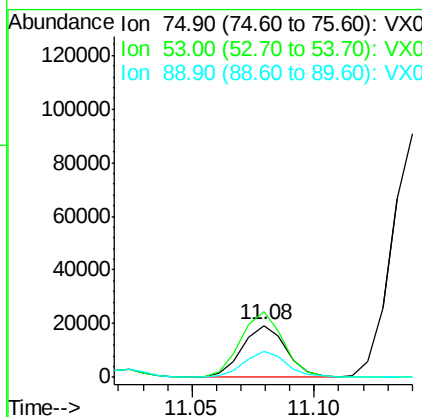
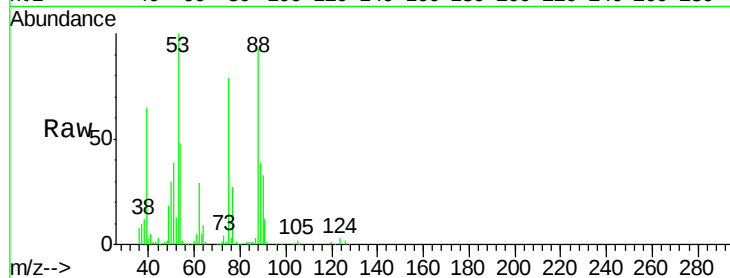
#81
trans-1,4-Dichloro-2-butene
Concen: 12.229 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX002217.D
Acq: 01 Jun 2018 17:35

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	125.3	78.0	117.0#
89	50.4	39.4	59.2

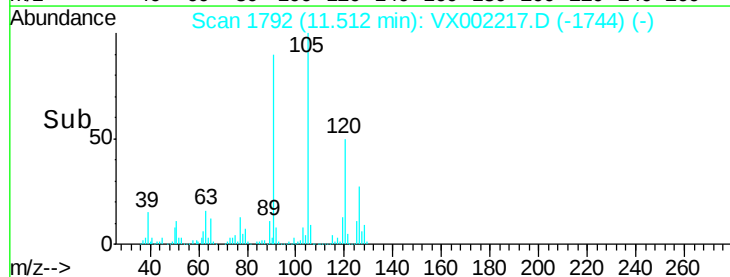
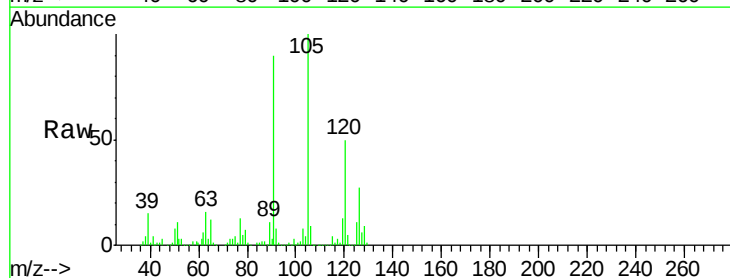
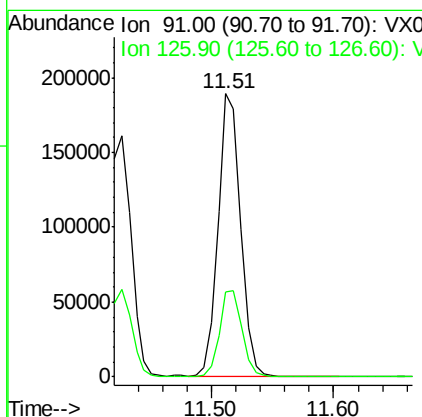
Manual Integrations
APPROVED

MMDadoda
6/4/2018 2:31:32 PM



#82
4-Chlorotoluene
Concen: 18.571 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.01 min
Lab File: VX002217.D
Acq: 01 Jun 2018 17:35

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.3	45.8





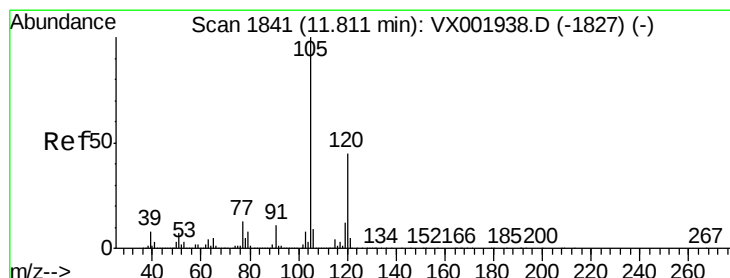
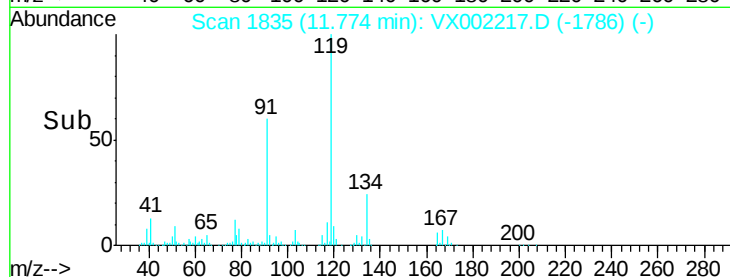
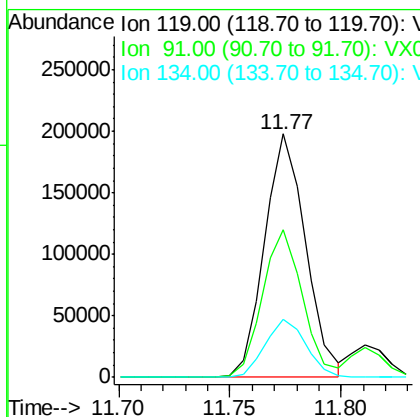
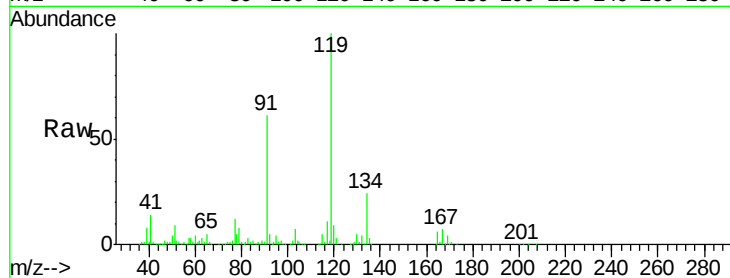
#83
 tert-Butylbenzene
 Concen: 18.206 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002217.D
 Acq: 01 Jun 2018 17:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	253194		
91	59.5	30.6	91.8	
134	23.9	11.7	35.0	

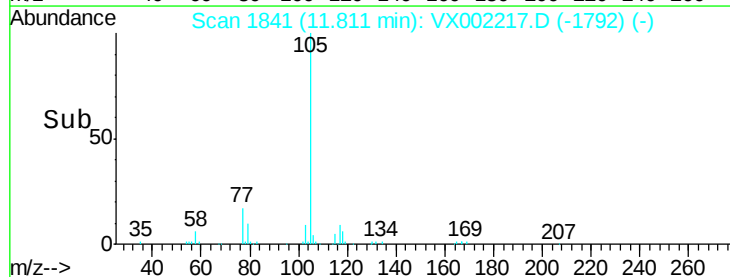
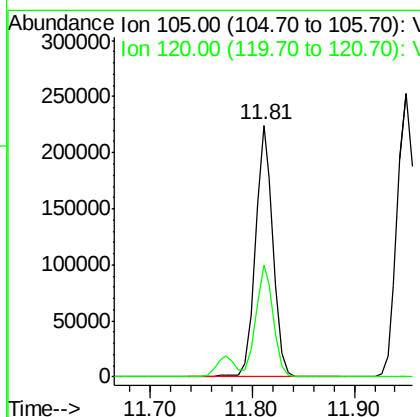
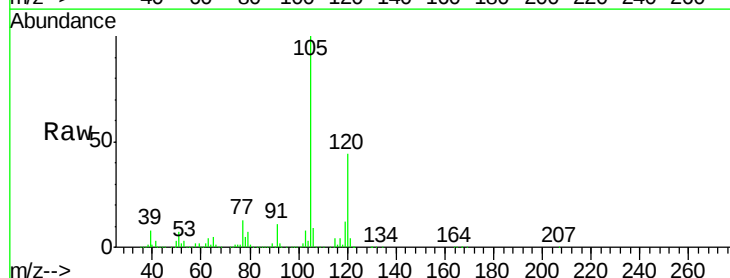
Manual Integrations
 APPROVED

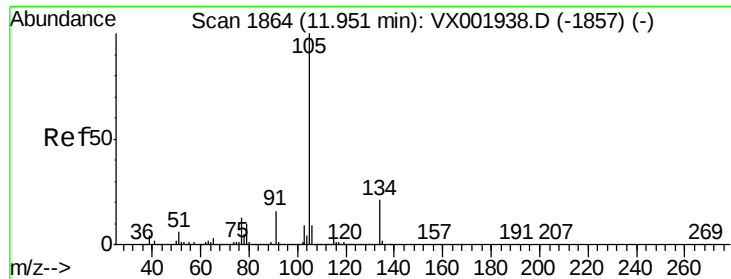
MMDadoda
 6/4/2018 2:31:32 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 18.428 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002217.D
 Acq: 01 Jun 2018 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	269882		
120	43.7	22.1	66.5	





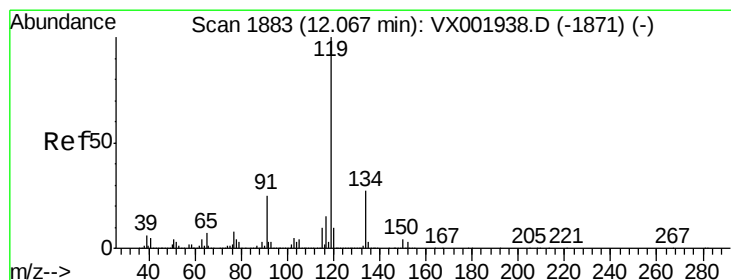
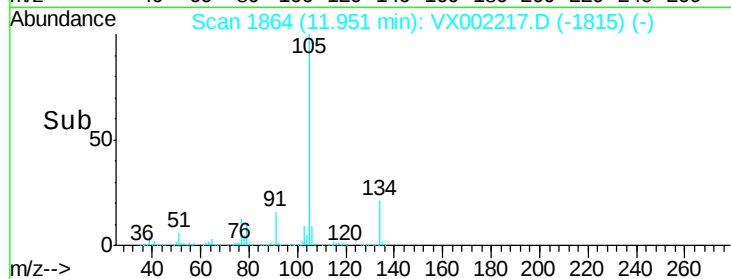
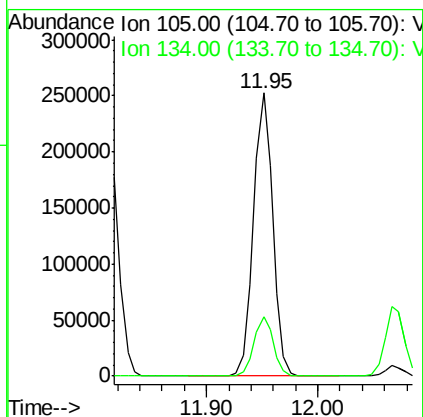
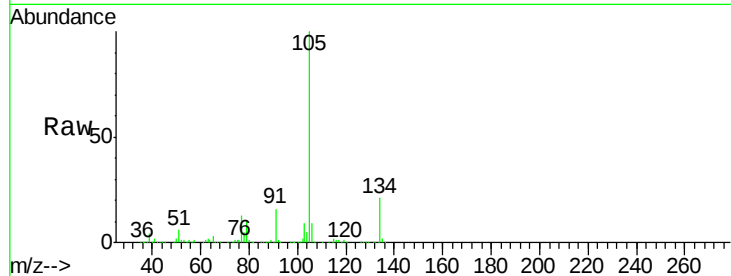
#85
 sec-Butylbenzene
 Concen: 18.234 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002217.D
 Acq: 01 Jun 2018 17:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBS01

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.9	10.4	31.4

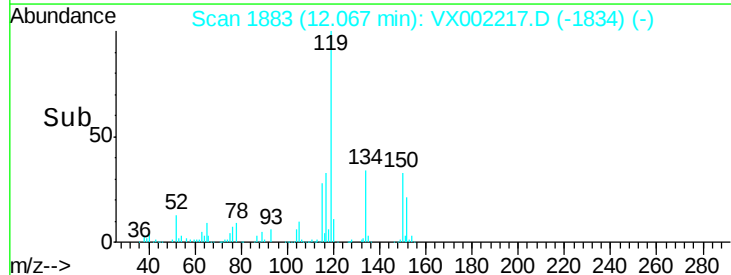
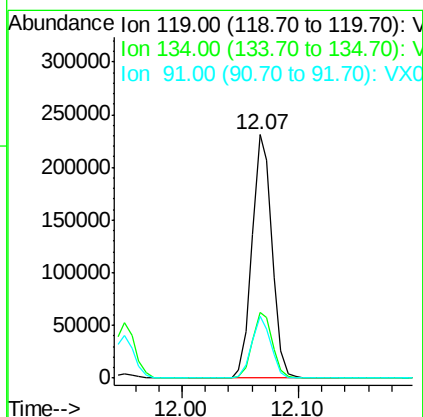
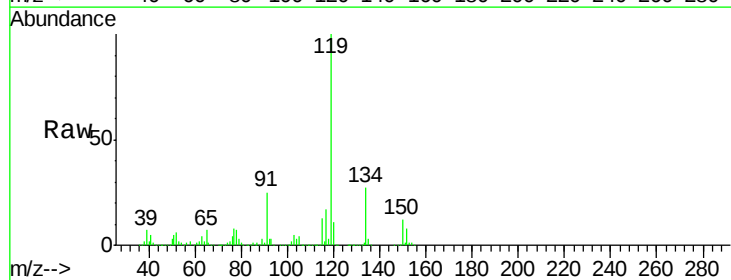
Manual Integrations
 APPROVED

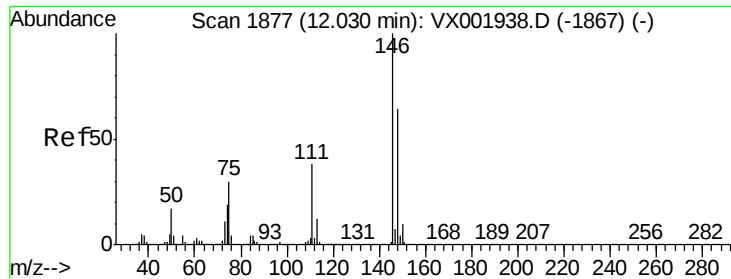
MMDadoda
 6/4/2018 2:31:32 PM



#86
 p-Isopropyltoluene
 Concen: 18.448 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX002217.D
 Acq: 01 Jun 2018 17:35

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.6	40.8
91	24.4	12.2	36.4





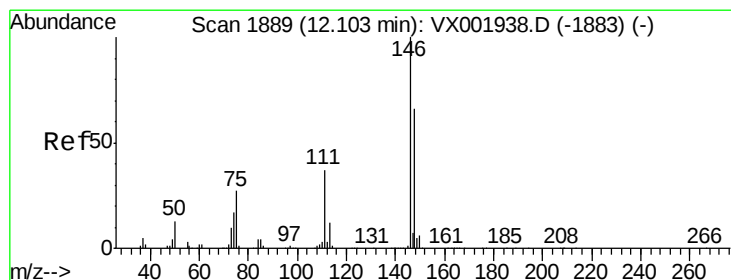
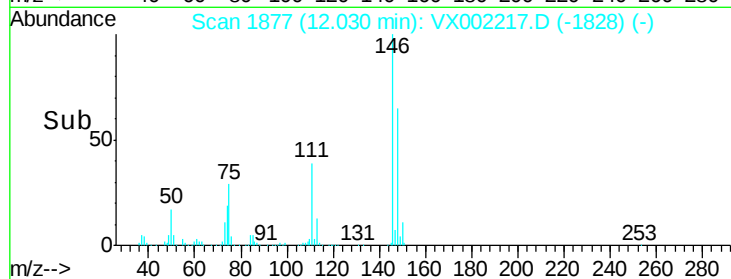
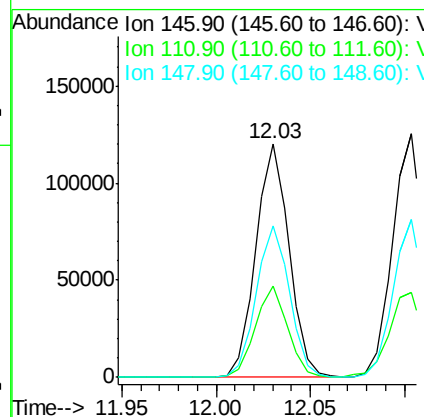
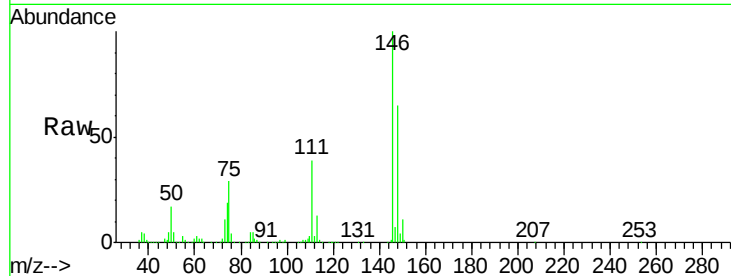
#87
 1,3-Dichlorobenzene
 Concen: 18.635 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002217.D
 Acq: 01 Jun 2018 17:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.3	57.8
148	65.0	32.1	96.3

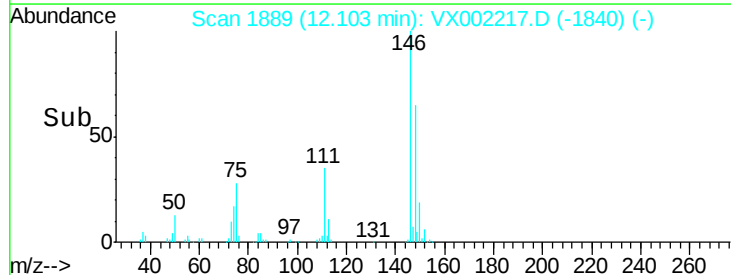
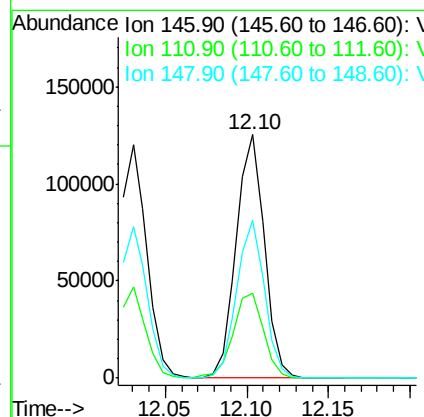
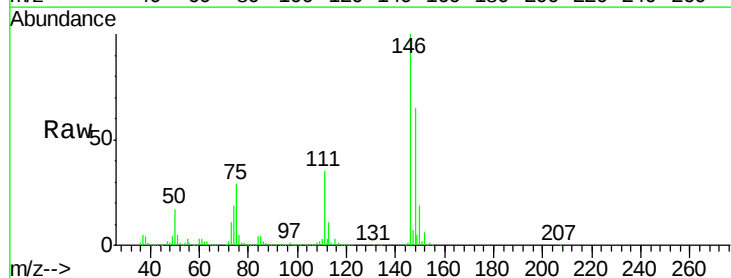
Manual Integrations
 APPROVED

MMDadoda
 6/4/2018 2:31:32 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.173 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002217.D
 Acq: 01 Jun 2018 17:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.9	56.5
148	64.0	32.3	96.8





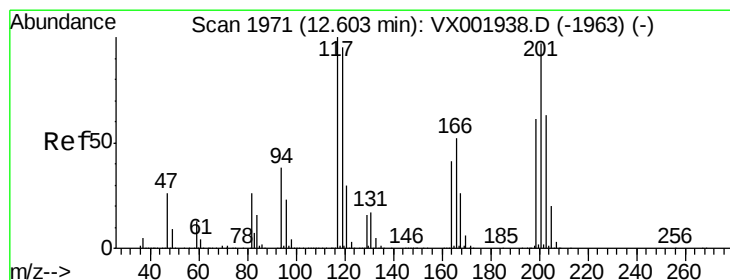
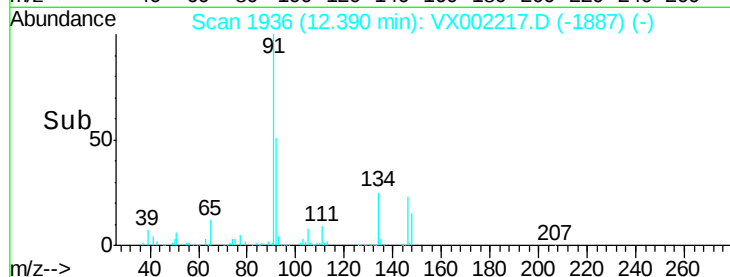
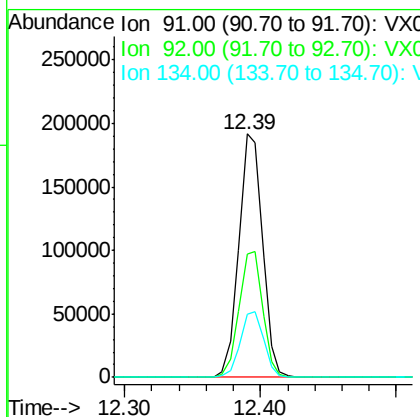
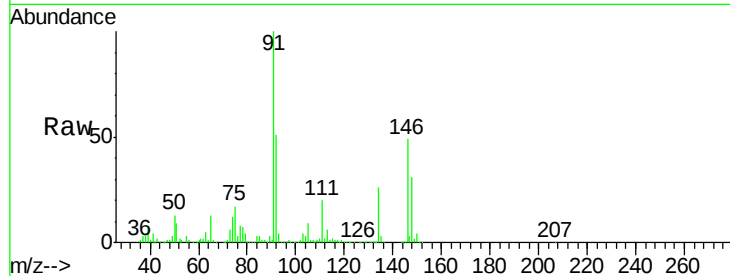
#89
n-Butylbenzene
Concen: 18.346 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002217.D
Acq: 01 Jun 2018 17:35

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.3	78.9
134	26.9	13.6	40.7

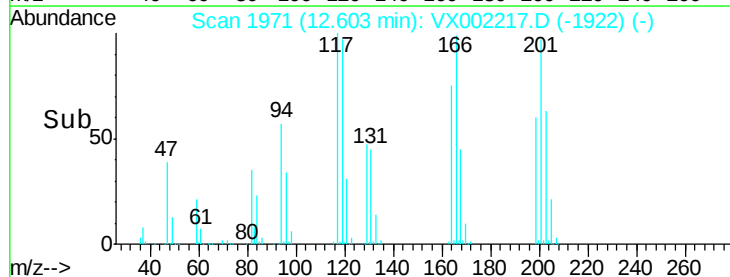
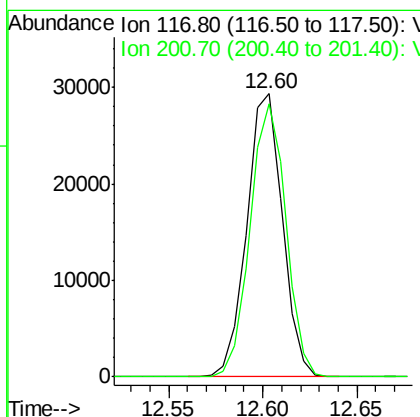
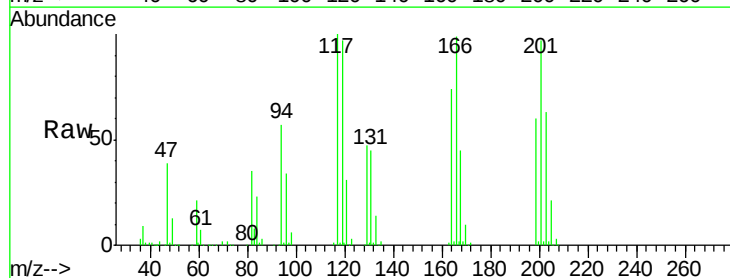
Manual Integrations
APPROVED

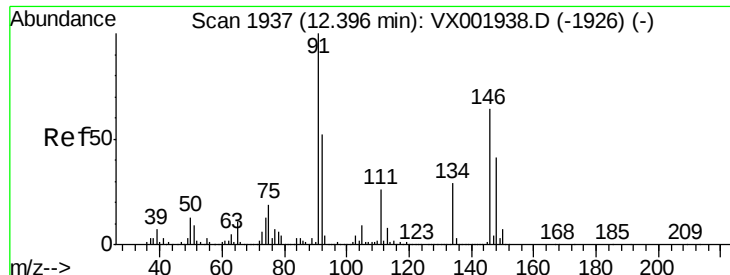
MMDadoda
6/4/2018 2:31:32 PM



#90
Hexachloroethane
Concen: 13.038 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002217.D
Acq: 01 Jun 2018 17:35

Tgt Ion	Ratio	Lower	Upper
117	100		
201	96.6	48.0	144.0





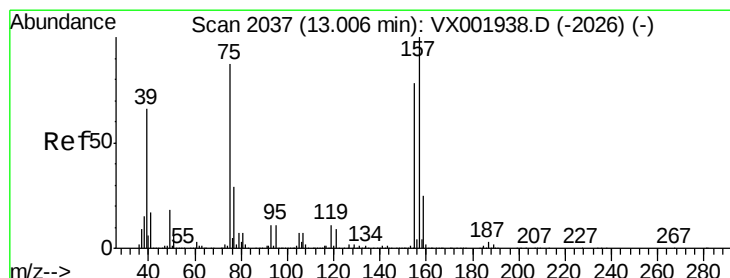
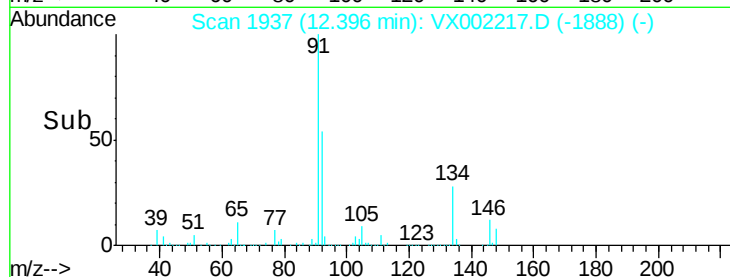
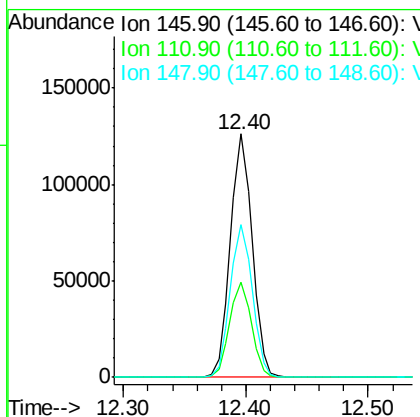
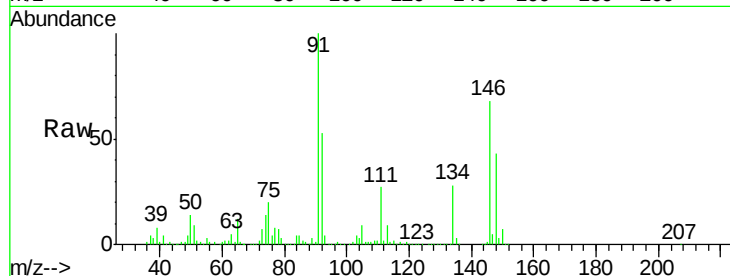
#91
 1,2-Dichlorobenzene
 Concen: 19.358 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002217.D
 Acq: 01 Jun 2018 17:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.8	59.3
148	63.5	32.1	96.5

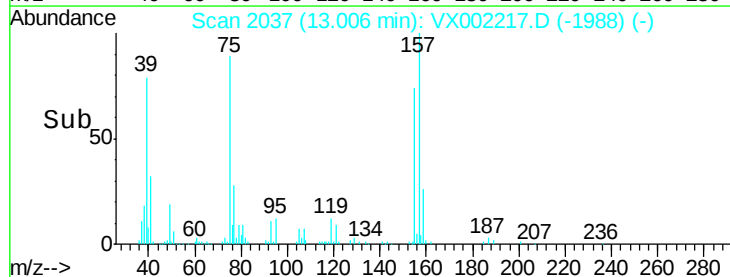
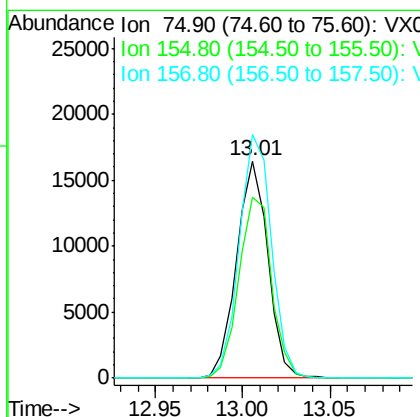
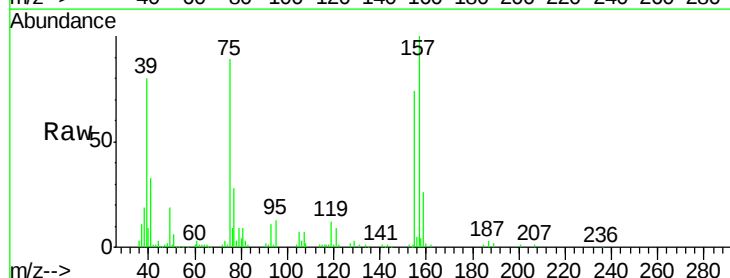
Manual Integrations
 APPROVED

MMDadoda
 6/4/2018 2:31:32 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 13.889 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002217.D
 Acq: 01 Jun 2018 17:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.2	45.1	135.2
157	115.2	58.1	174.2





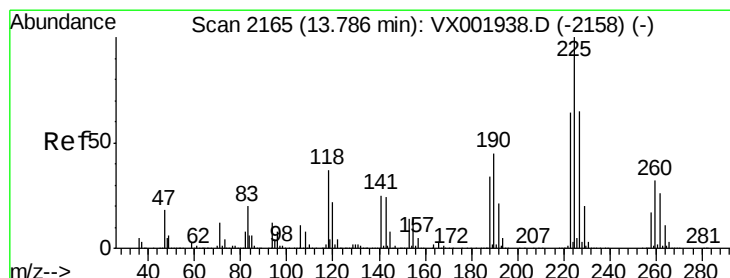
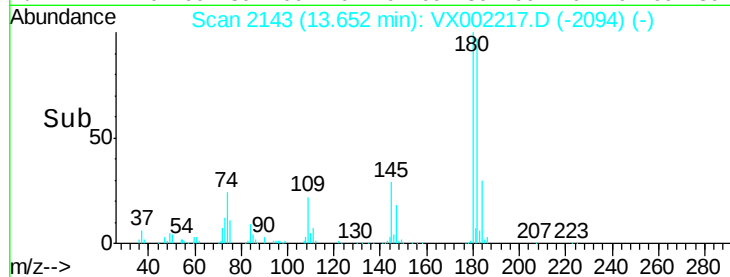
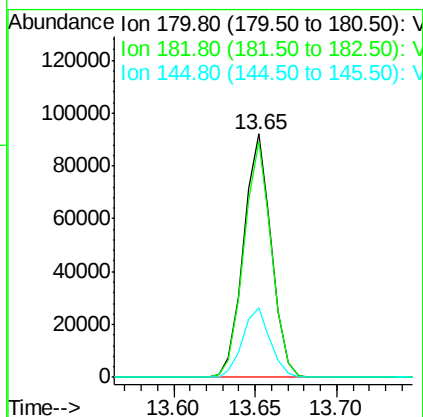
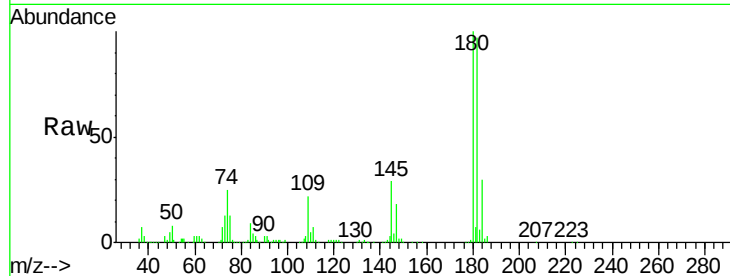
#93
 1,2,4-Trichlorobenzene
 Concen: 18.963 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002217.D
 Acq: 01 Jun 2018 17:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	108863		
182	96.6	47.7	143.1	
145	28.6	14.4	43.0	

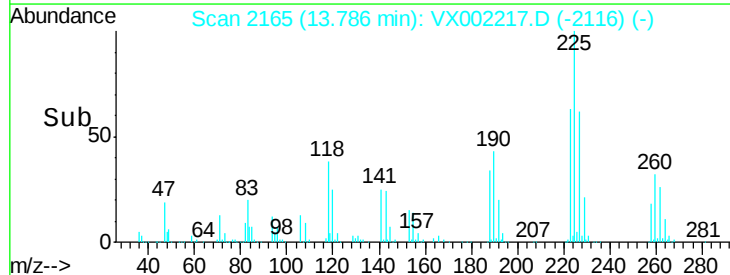
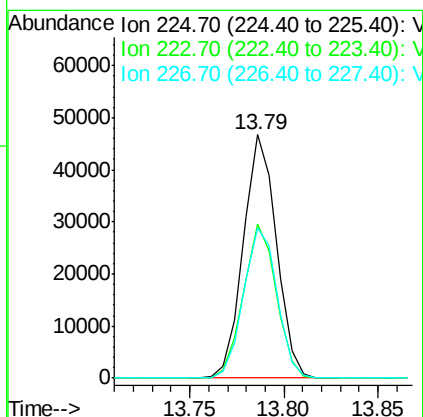
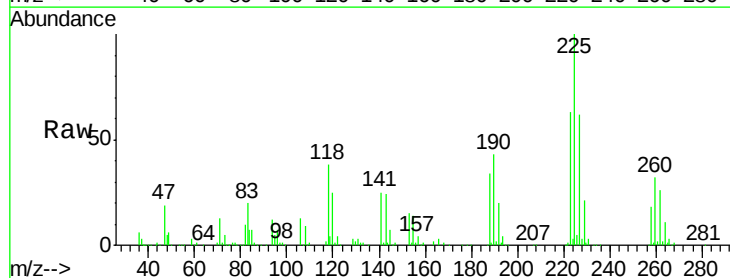
Manual Integrations
 APPROVED

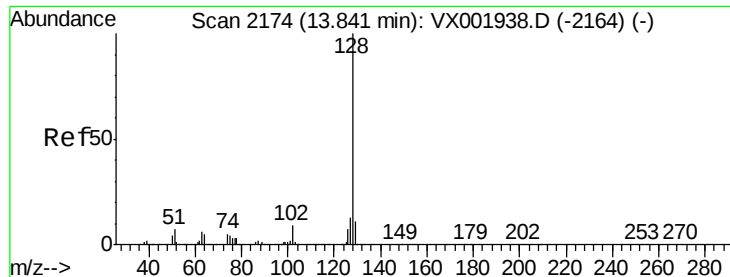
MMDadoda
 6/4/2018 2:31:32 PM



#94
 Hexachlorobutadiene
 Concen: 18.455 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002217.D
 Acq: 01 Jun 2018 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	56991		
223	62.6	31.1	93.5	
227	62.6	32.1	96.5	





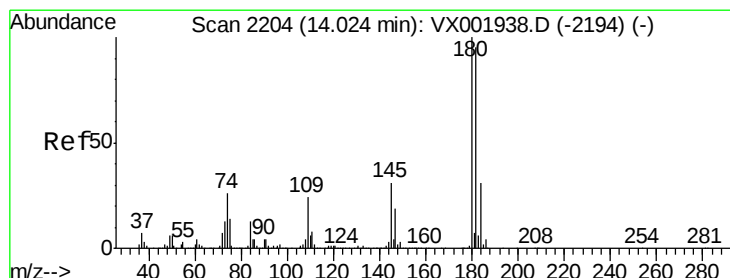
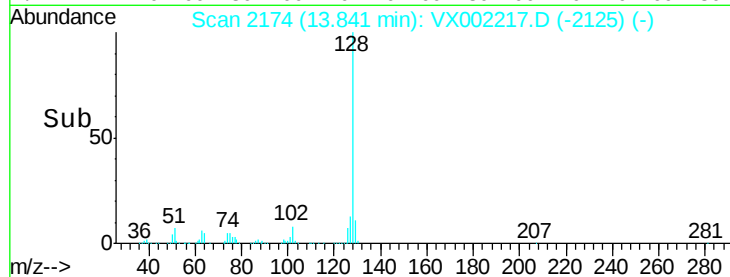
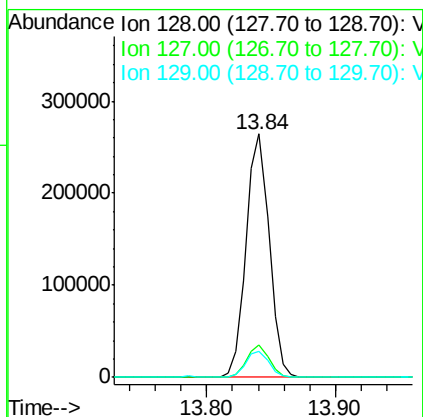
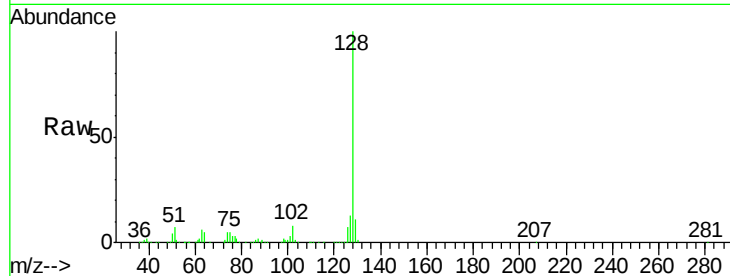
#95
Naphthalene
Concen: 18.373 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002217.D
Acq: 01 Jun 2018 17:35

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	324966		
127	12.8	10.4	15.6	
129	10.9	8.8	13.2	

Manual Integrations
APPROVED

MMDadoda
6/4/2018 2:31:32 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.089 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002217.D
Acq: 01 Jun 2018 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	113390		
182	94.4	47.9	143.6	
145	29.1	15.1	45.3	

