

Data File : VX002468.D
Acq On : 12 Jun 2018 15:58
Operator : JC/MD
Sample : VX0612WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD01

Manual Integrations
APPROVED

MMDadoda
6/13/2018 1:59:36 PM

Quant Time: Jun 13 01:46:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	245884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	357147	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	343363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	215653	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	174592	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
35) Dibromofluoromethane	5.51	113	133014	47.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.72%	
50) Toluene-d8	8.72	98	510643	47.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.86%	
62) 4-Bromofluorobenzene	11.14	95	190365	45.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.72%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	49407	19.329	ug/l	98
3) Chloromethane	1.32	50	58892	18.287	ug/l	98
4) Vinyl Chloride	1.41	62	66740	20.718	ug/l	100
5) Bromomethane	1.64	94	39421	19.594	ug/l	98
6) Chloroethane	1.72	64	45043	21.616	ug/l	100
7) Trichlorofluoromethane	1.93	101	116429	23.721	ug/l	97
8) Diethyl Ether	2.19	74	42313	22.964	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	66433	25.081	ug/l	99
10) Methyl Iodide	2.51	142	64086	17.202	ug/l	99
11) Tert butyl alcohol	3.07	59	84937	106.507	ug/l	96
12) 1,1-Dichloroethene	2.37	96	57894	22.117	ug/l	96
13) Acrolein	2.30	56	27119	70.679	ug/l	96
14) Allyl chloride	2.73	41	115887	20.400	ug/l	98
15) Acrylonitrile	3.15	53	183191	117.273	ug/l	100
16) Acetone	2.45	43	204472	125.681	ug/l	99
17) Carbon Disulfide	2.57	76	122912	17.816	ug/l	98
18) Methyl Acetate	2.78	43	91716	24.670	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	224415	23.345	ug/l	100
20) Methylene Chloride	2.86	84	66620	22.439	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	61878	21.436	ug/l	94
22) Diisopropyl ether	3.88	45	204369	20.663	ug/l	98
23) Vinyl Acetate	3.83	43	873789	94.885	ug/l	99
24) 1,1-Dichloroethane	3.70	63	121654	21.668	ug/l	99
25) 2-Butanone	4.71	43	240489	99.751	ug/l	100
26) 2,2-Dichloropropane	4.59	77	83706	19.073	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	61683	19.649	ug/l	98
28) Bromochloromethane	5.02	49	58153	22.388	ug/l	99
29) Tetrahydrofuran	5.17	42	149715	96.318	ug/l	98
30) Chloroform	5.23	83	109493	20.210	ug/l	98
31) Cyclohexane	5.57	56	90653	20.419	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	93601	20.372	ug/l	99
36) 1,1-Dichloropropene	5.81	75	77103	20.535	ug/l	99
37) Ethyl Acetate	4.87	43	90994	20.152	ug/l	100
38) Carbon Tetrachloride	5.79	117	81289	20.695	ug/l	96

Data File : VX002468.D
Acq On : 12 Jun 2018 15:58
Operator : JC/MD
Sample : VX0612WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD01

Manual Integrations
APPROVED

MMDadoda
6/13/2018 1:59:36 PM

Quant Time: Jun 13 01:46:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	91720	19.932	ug/l	99
40) Benzene	6.15	78	233920	20.319	ug/l	98
41) Methacrylonitrile	5.07	41	51696	20.000	ug/l	98
42) 1,2-Dichloroethane	6.20	62	93266	20.391	ug/l	99
43) Isopropyl Acetate	6.47	43	150841	19.668	ug/l	99
44) Trichloroethene	7.22	130	66153	20.704	ug/l	97
45) 1,2-Dichloropropane	7.52	63	60792	19.560	ug/l	99
46) Dibromomethane	7.67	93	42897	20.360	ug/l	97
47) Bromodichloromethane	7.90	83	77552	20.352	ug/l	99
48) Methyl methacrylate	7.78	41	77540	20.128	ug/l	99
49) 1,4-Dioxane	7.76	88	30122	418.181	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	502301	105.170	ug/l	99
52) Toluene	8.79	92	152203	20.787	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	90404	19.784	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	82418	19.117	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	63463	21.074	ug/l	99
56) Ethyl methacrylate	9.18	69	95447	19.852	ug/l	99
57) 1,3-Dichloropropane	9.38	76	104507	20.686	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	261730	117.616	ug/l	99
59) 2-Hexanone	9.50	43	386120	104.666	ug/l	99
60) Dibromochloromethane	9.59	129	60758	20.058	ug/l	100
61) 1,2-Dibromoethane	9.68	107	64611	20.577	ug/l	98
64) Tetrachloroethene	9.34	164	75703	21.378	ug/l	96
65) Chlorobenzene	10.14	112	174829	20.463	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	62920	20.339	ug/l	99
67) Ethyl Benzene	10.26	91	300888	21.044	ug/l	99
68) m/p-Xylenes	10.36	106	230166	41.411	ug/l	98
69) o-Xylene	10.70	106	113105	20.449	ug/l	100
70) Styrene	10.71	104	186840	20.663	ug/l	99
71) Bromoform	10.86	173	44791	18.506	ug/l	100
73) Isopropylbenzene	11.02	105	312980	20.863	ug/l	99
74) N-amyl acetate	6.47	43	150841	18.660	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	94982	20.131	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	93591m	19.778	ug/l	
77) Bromobenzene	11.26	156	83130	19.738	ug/l	99
78) n-propylbenzene	11.37	91	358049	21.473	ug/l	99
79) 2-Chlorotoluene	11.43	91	210330	19.977	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	266842	20.738	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	22228	16.466	ug/l	89
82) 4-Chlorotoluene	11.51	91	249032	20.492	ug/l	100
83) tert-Butylbenzene	11.77	119	258002	20.591	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	273331	20.636	ug/l	98
85) sec-Butylbenzene	11.95	105	324354	22.081	ug/l	100
86) p-Isopropyltoluene	12.07	119	290544	21.715	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	152881	20.302	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	156869	20.210	ug/l	99
89) n-Butylbenzene	12.39	91	253499	22.590	ug/l	99
90) Hexachloroethane	12.60	117	39378	18.437	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	157351	20.195	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20004	19.387	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061218\
Quantitation Report (QT Reviewed)

Data File : VX002468.D
Acq On : 12 Jun 2018 15:58
Operator : JC/MD
Sample : VX0612WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD01

Manual Integrations
APPROVED

MMDadoda
6/13/2018 1:59:36 PM

Quant Time: Jun 13 01:46:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	111375	20.386	ug/l	100
94) Hexachlorobutadiene	13.79	225	61337	22.720	ug/l	98
95) Naphthalene	13.84	128	319742	20.370	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	115884	20.799	ug/l	99

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

Data File : VX002468.D

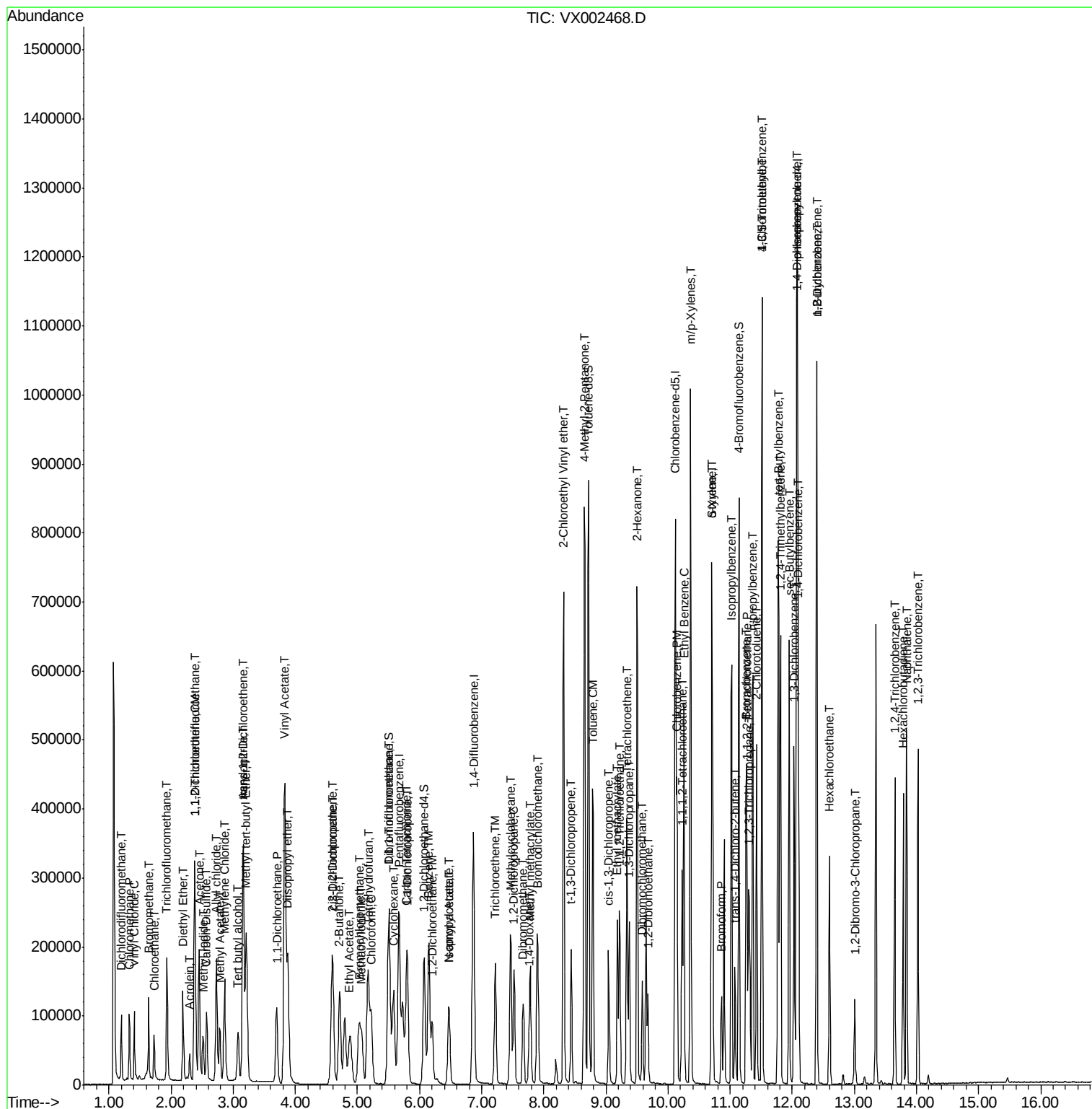
```
Acq On       : 12 Jun 2018   15:58
Operator    : JC/MD
Sample      : VX0612WBSD01
Misc        : 5.0mL/MSVOA_X/WATER
ALS Vial    : 12      Sample Multiplier: 1
```

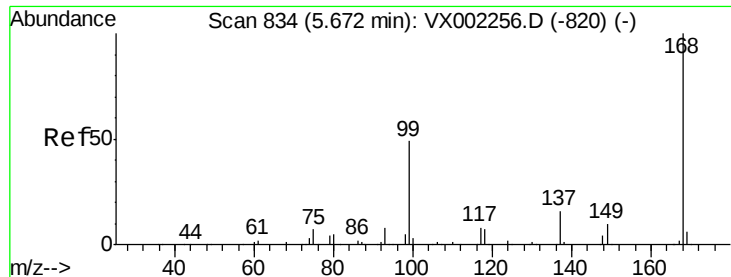
Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD01

Manual Integrations
APPROVED

MMDadoda
6/13/2018 1:59:36 PM

Quant Time: Jun 13 01:46:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD01

Tgt Ion:168 Resp: 245884

Ion Ratio Lower Upper

168 100

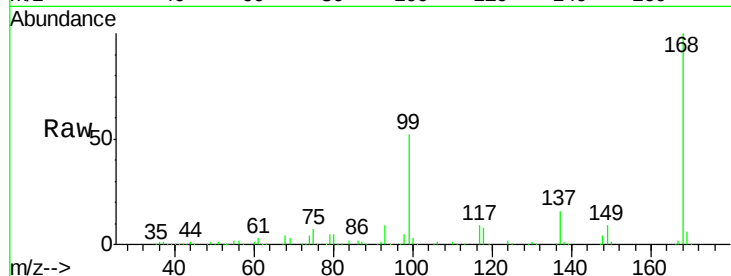
99 51.7 39.3 58.9

Manual Integrations

APPROVED

MMDadoda

6/13/2018 1:59:36 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

40000

20000

0

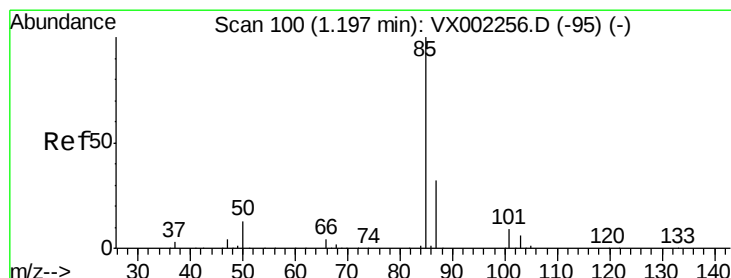
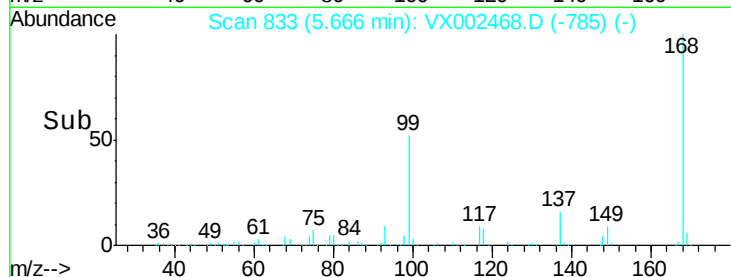
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.329 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002468.D

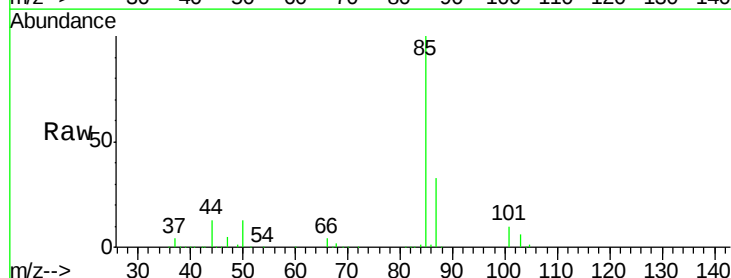
Acq: 12 Jun 2018 15:58

Tgt Ion: 85 Resp: 49407

Ion Ratio Lower Upper

85 100

87 33.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

30000

20000

10000

0

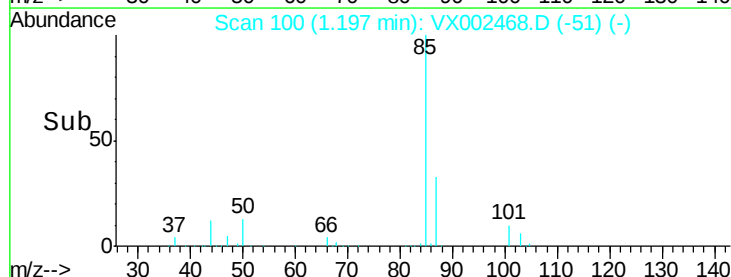
1.15

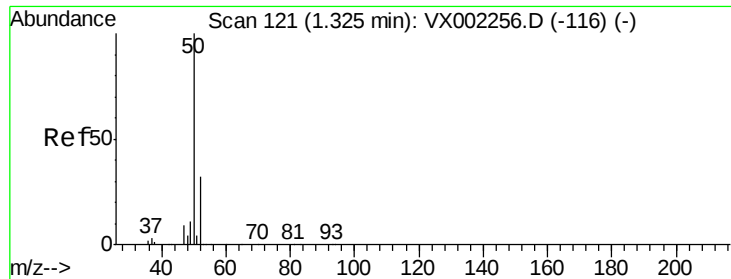
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 18.287 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD01

Tgt Ion: 50 Resp: 58892

Ion Ratio Lower Upper

50 100

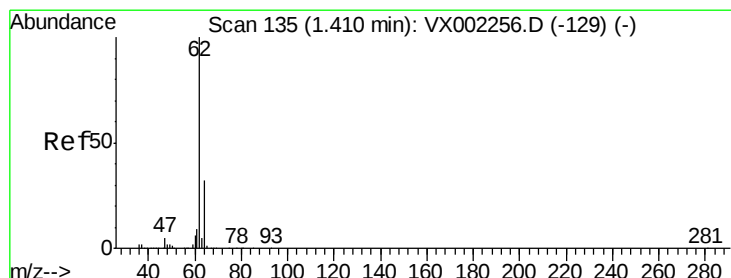
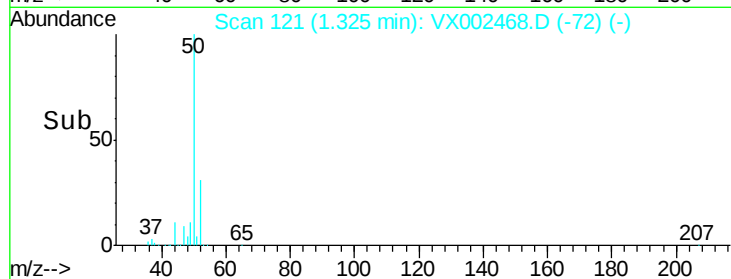
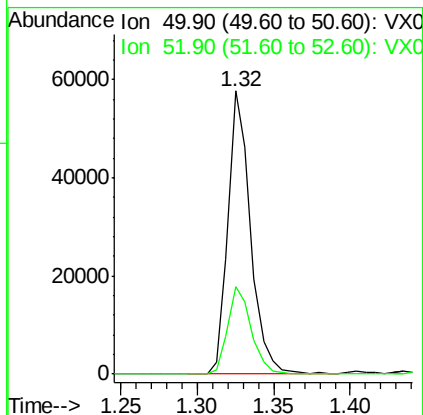
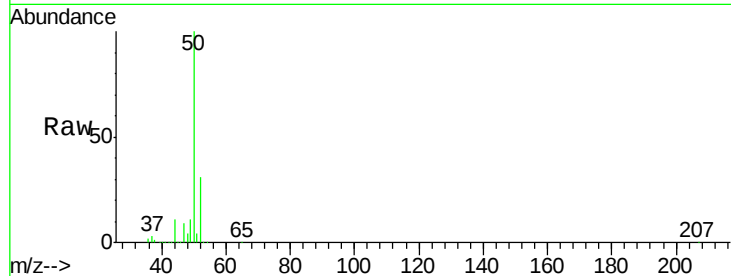
52 31.0 25.7 38.5

Manual Integrations

APPROVED

MMDadoda

6/13/2018 1:59:36 PM



#4

Vinyl Chloride

Concen: 20.718 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX002468.D

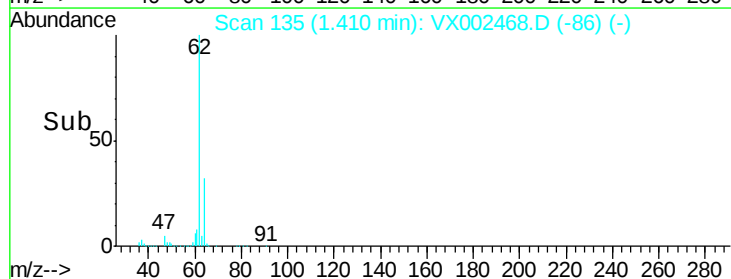
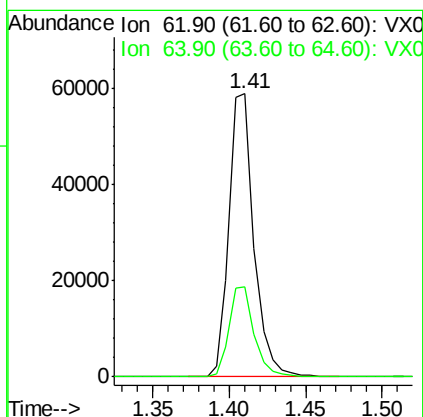
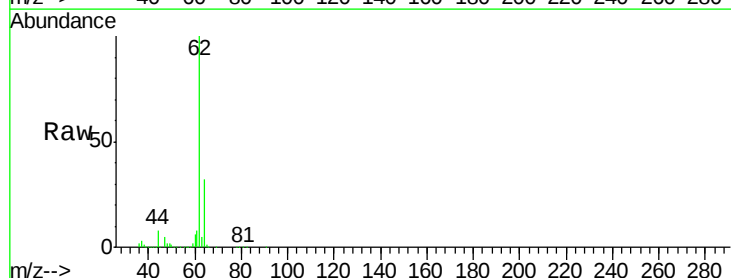
Acq: 12 Jun 2018 15:58

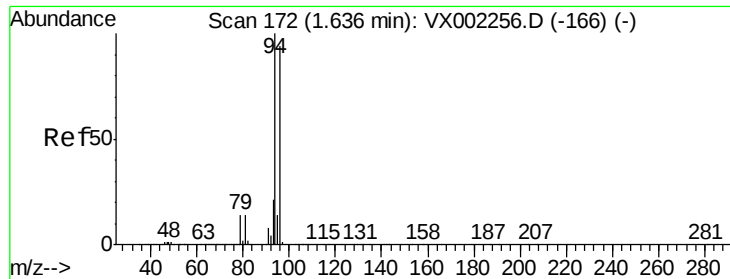
Tgt Ion: 62 Resp: 66740

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.2





#5

Bromomethane

Concen: 19.594 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD01

Tgt Ion: 94 Resp: 39421

Ion Ratio Lower Upper

94 100

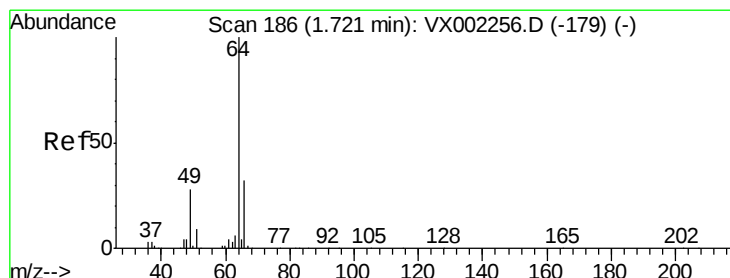
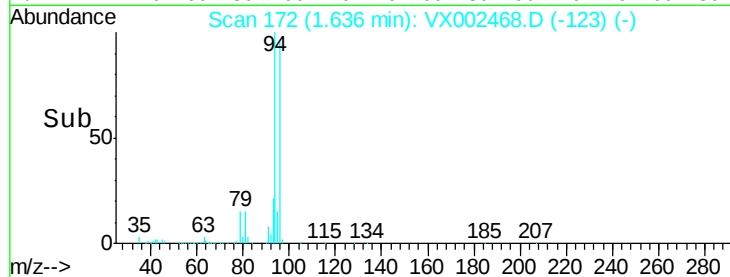
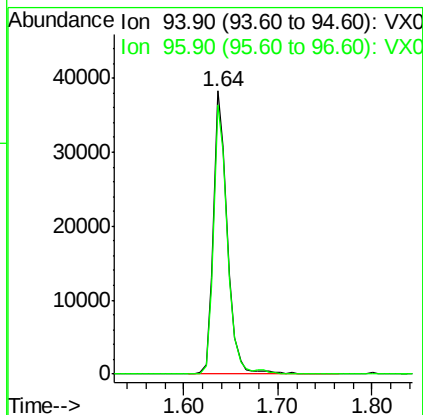
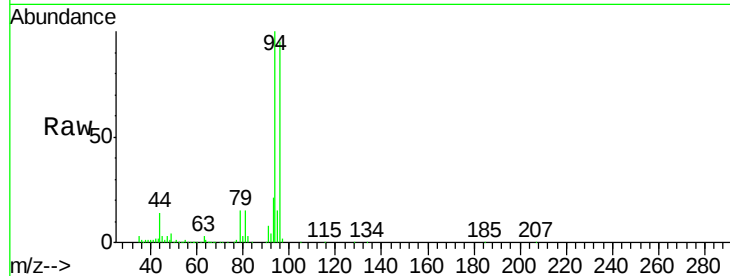
96 95.1 74.9 112.3

Manual Integrations

APPROVED

MMDadoda

6/13/2018 1:59:36 PM



#6

Chloroethane

Concen: 21.616 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002468.D

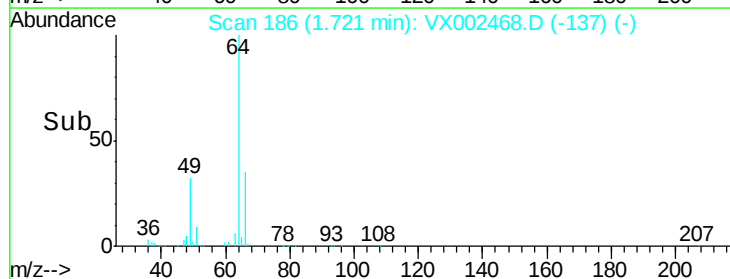
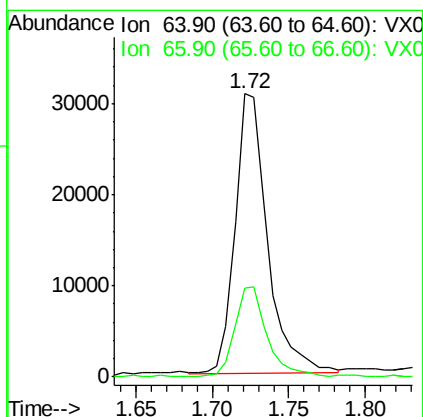
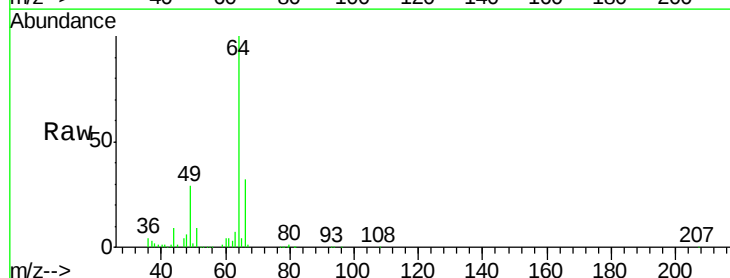
Acq: 12 Jun 2018 15:58

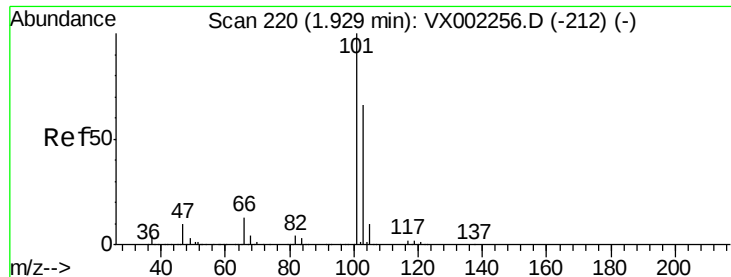
Tgt Ion: 64 Resp: 45043

Ion Ratio Lower Upper

64 100

66 31.9 25.5 38.3





#7

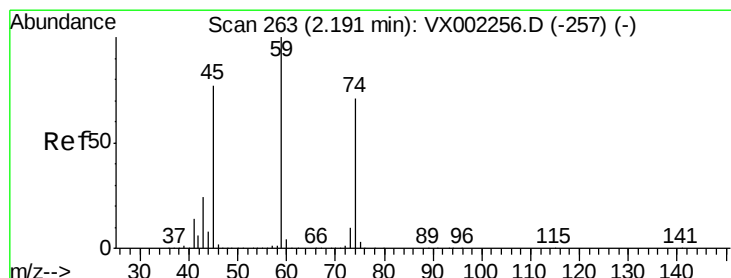
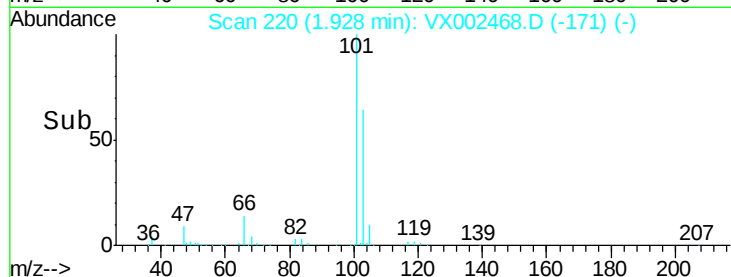
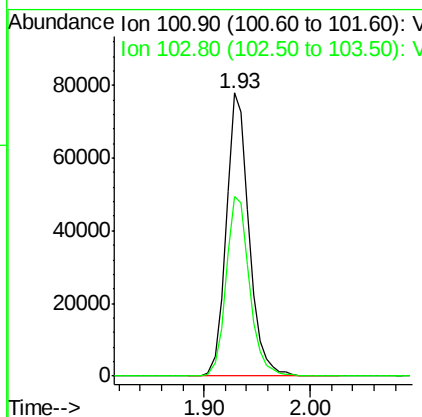
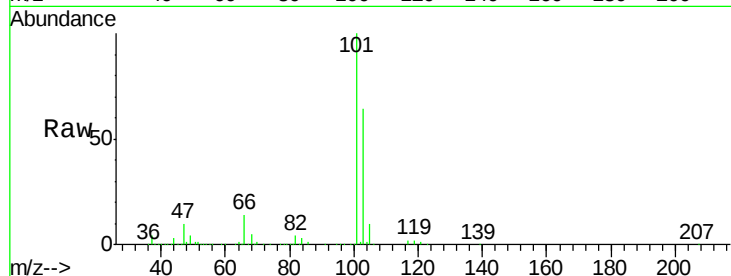
Trichlorofluoromethane
 Concen: 23.721 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX002468.D
 Acq: 12 Jun 2018 15:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBSD01

Tgt Ion	Ratio	Lower	Upper
101	100		
103	63.6	52.8	79.2

Manual Integrations
 APPROVED

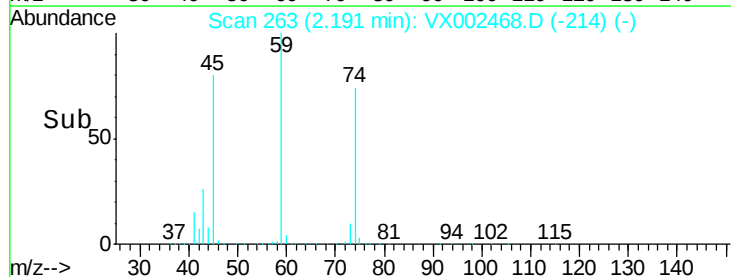
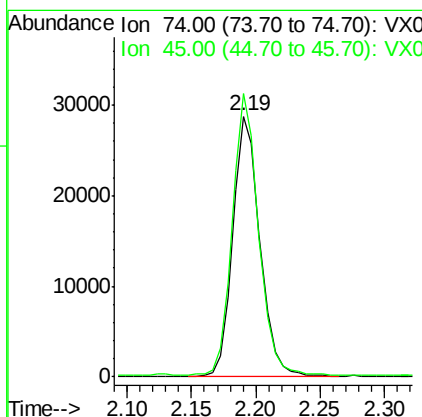
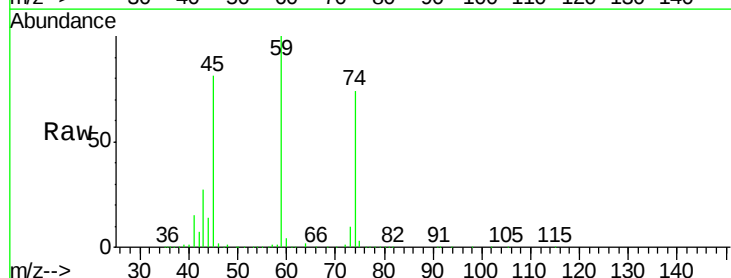
MMDadoda
 6/13/2018 1:59:36 PM

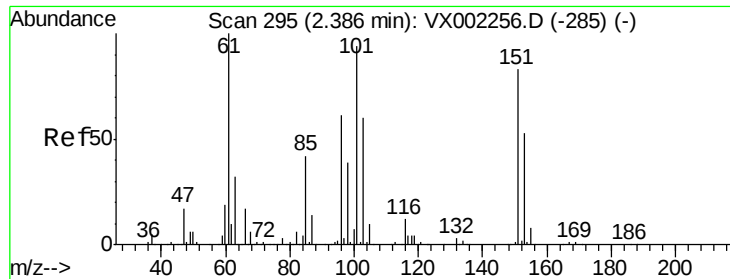


#8

Diethyl Ether
 Concen: 22.964 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002468.D
 Acq: 12 Jun 2018 15:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.4	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 25.081 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Instrument :

MSVOA_X

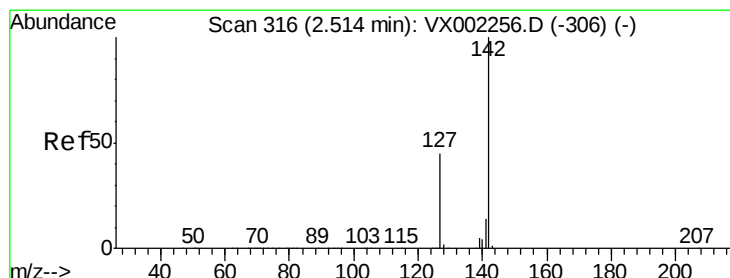
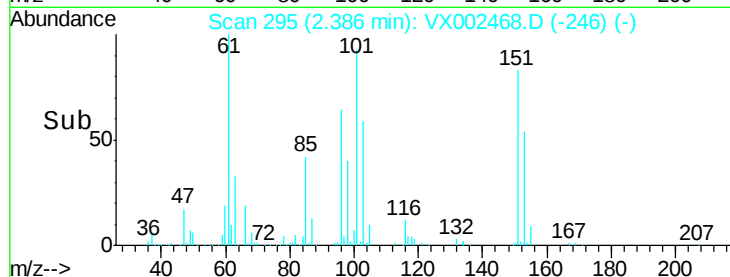
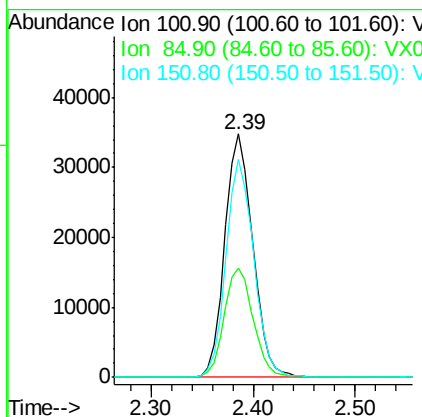
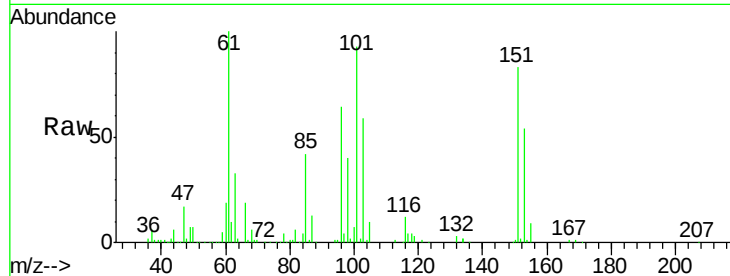
ClientSampleId :

VX0612WBSD01

Tgt Ion:	101	Resp:	66433
Ion Ratio	Lower	Upper	
101	100		
85	46.4	36.0	54.0
151	88.5	70.9	106.3

Manual Integrations
APPROVED

MMDadoda
6/13/2018 1:59:36 PM



#10

Methyl Iodide

Concen: 17.202 ug/l

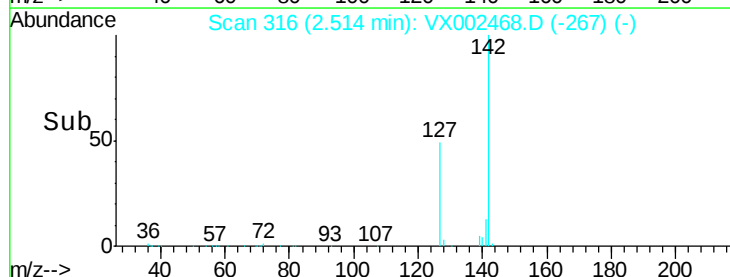
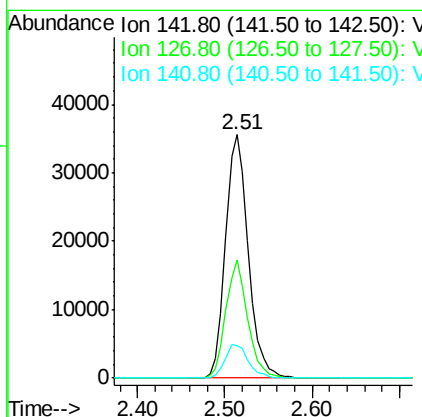
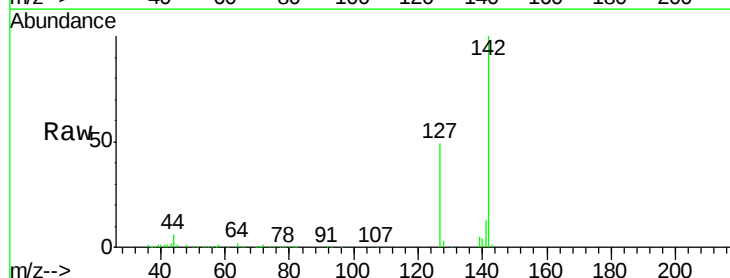
RT: 2.51 min Scan# 316

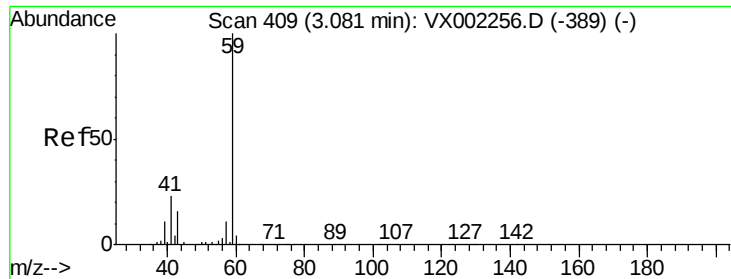
Delta R.T. -0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Tgt Ion:	142	Resp:	64086
Ion Ratio	Lower	Upper	
142	100		
127	46.7	36.6	55.0
141	14.3	11.3	16.9





#11

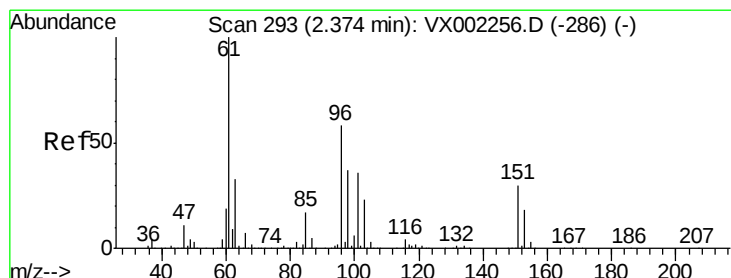
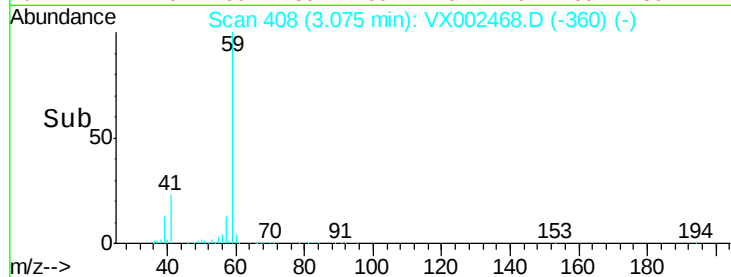
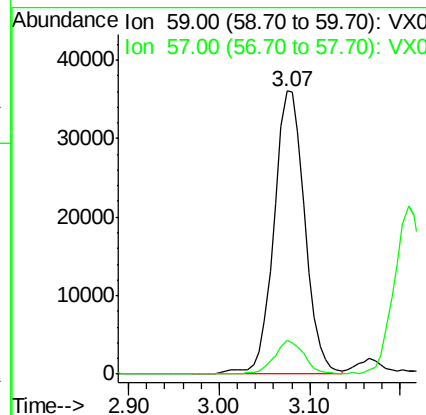
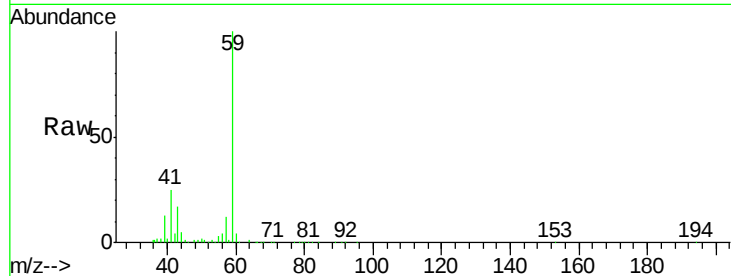
Tert butyl alcohol
 Concen: 106.507 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX002468.D
 Acq: 12 Jun 2018 15:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBSD01

Tgt Ion: 59 Resp: 84937
 Ion Ratio Lower Upper
 59 100
 57 11.7 8.2 12.2

Manual Integrations
 APPROVED

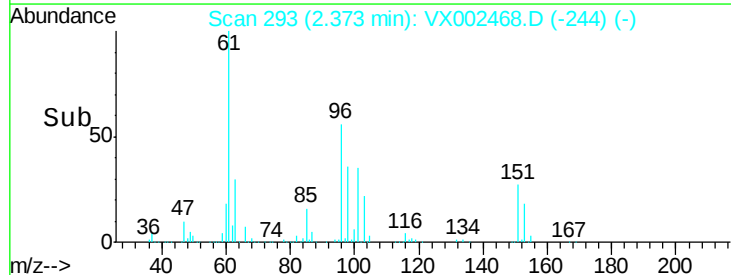
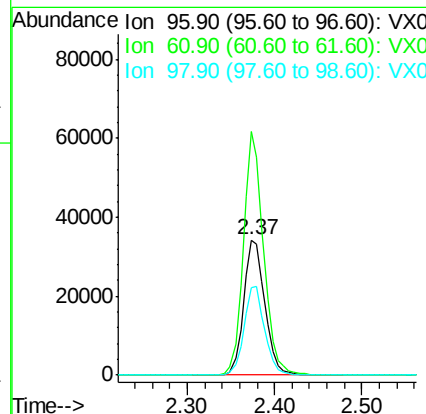
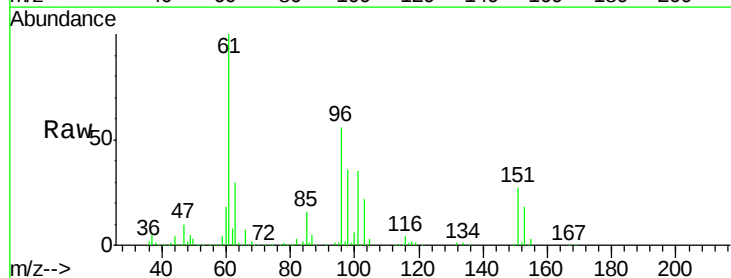
MMDadoda
 6/13/2018 1:59:36 PM

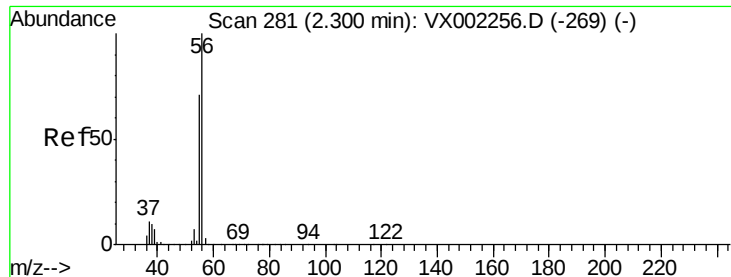


#12

1,1-Dichloroethene
 Concen: 22.117 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX002468.D
 Acq: 12 Jun 2018 15:58

Tgt Ion: 96 Resp: 57894
 Ion Ratio Lower Upper
 96 100
 61 179.9 137.9 206.9
 98 65.1 51.6 77.4





#13

Acrolein

Concen: 70.679 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD01

Tgt Ion: 56 Resp: 27119

Ion Ratio Lower Upper

56 100

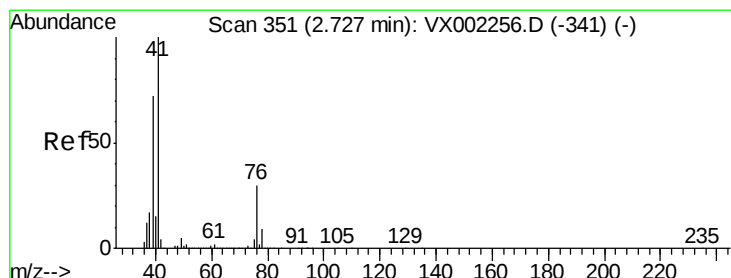
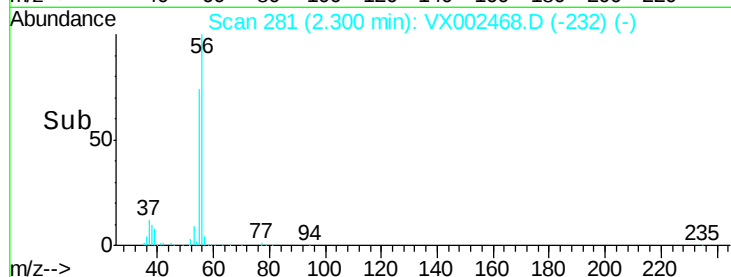
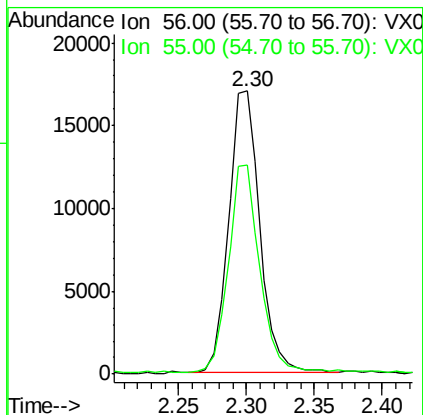
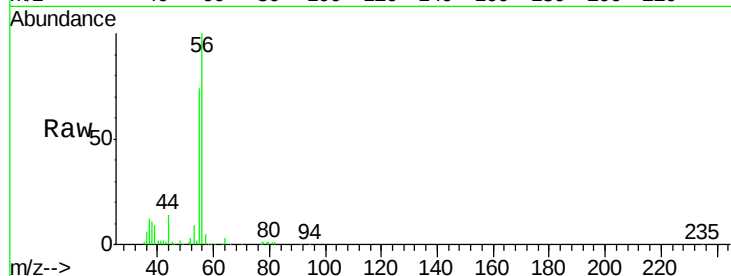
55 74.5 57.0 85.4

Manual Integrations

APPROVED

MMDadoda

6/13/2018 1:59:36 PM



#14

Allyl chloride

Concen: 20.400 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

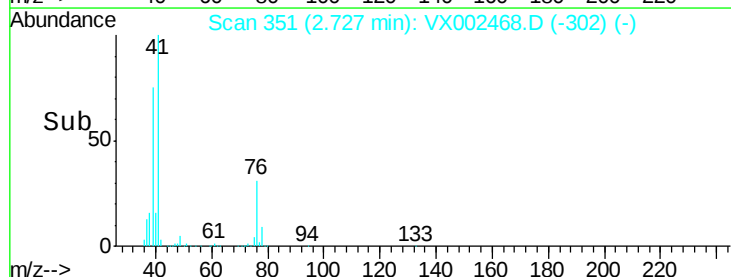
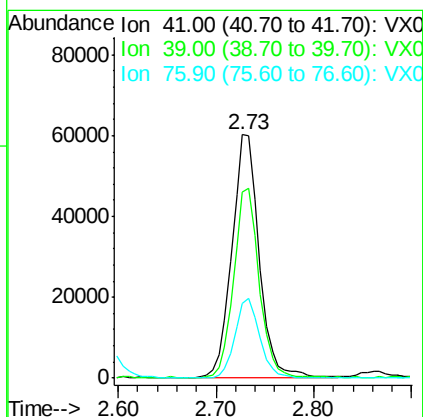
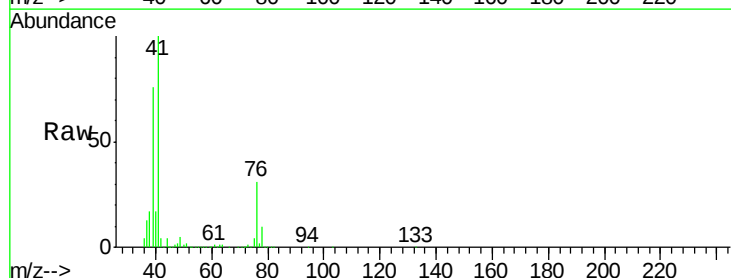
Tgt Ion: 41 Resp: 115887

Ion Ratio Lower Upper

41 100

39 73.1 56.8 85.2

76 29.4 23.8 35.8





#15

Acrylonitrile

Concen: 117.273 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Instrument :

MSVOA_X

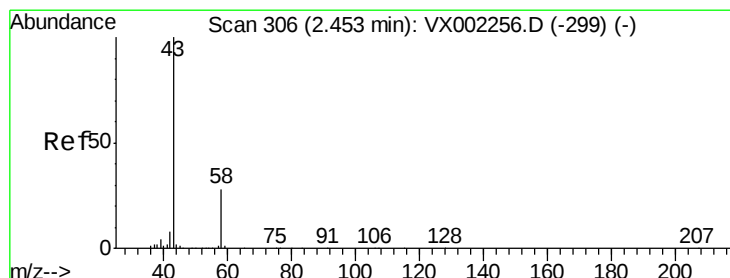
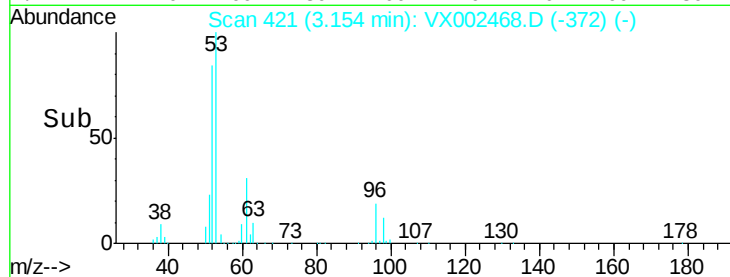
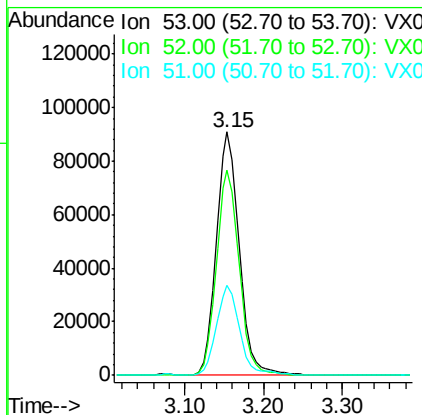
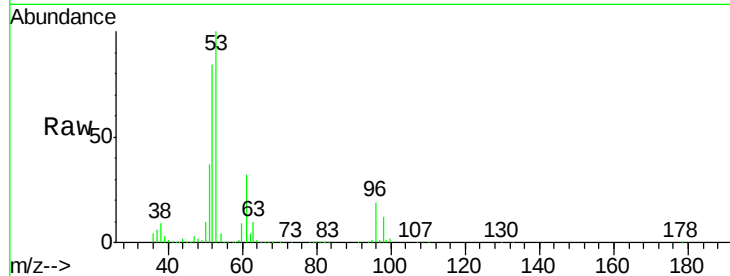
ClientSampleId :

VX0612WBSD01

Tgt Ion:	53	Resp:	183191
Ion Ratio		Lower	Upper
53	100		
52	83.6	66.7	100.1
51	37.7	29.9	44.9

Manual Integrations
APPROVED

MMDadoda
6/13/2018 1:59:36 PM



#16

Acetone

Concen: 125.681 ug/l

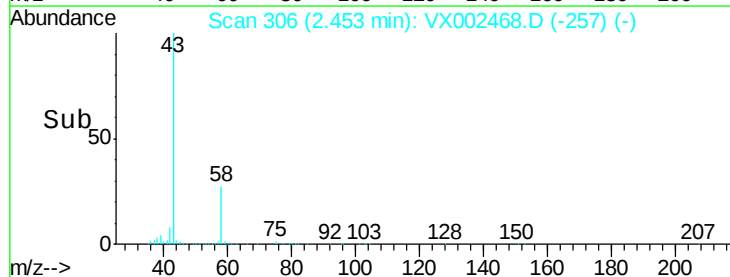
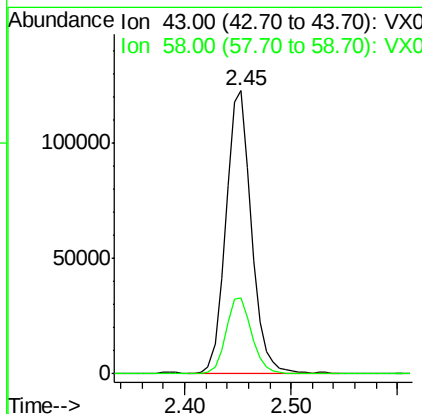
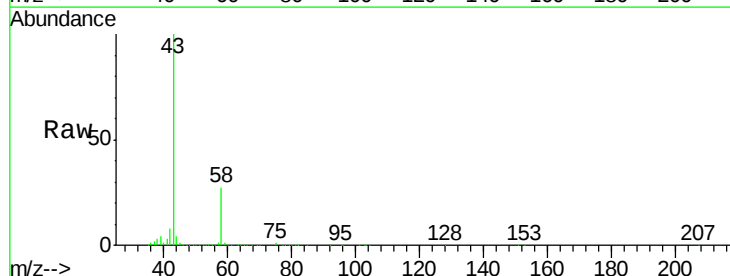
RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Tgt Ion:	43	Resp:	204472
Ion Ratio		Lower	Upper
43	100		
58	26.9	22.1	33.1





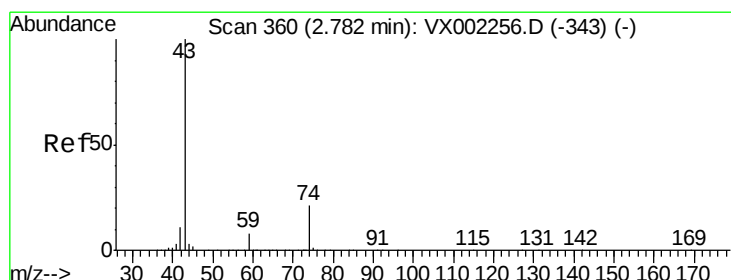
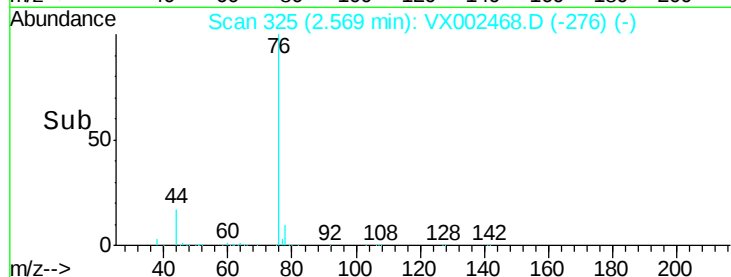
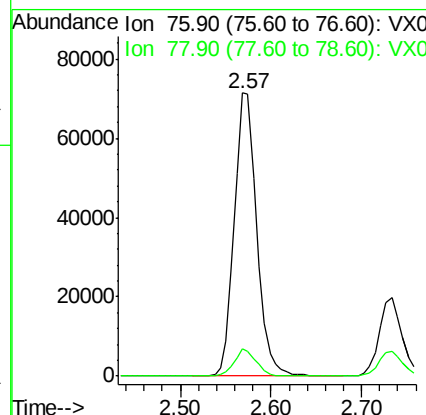
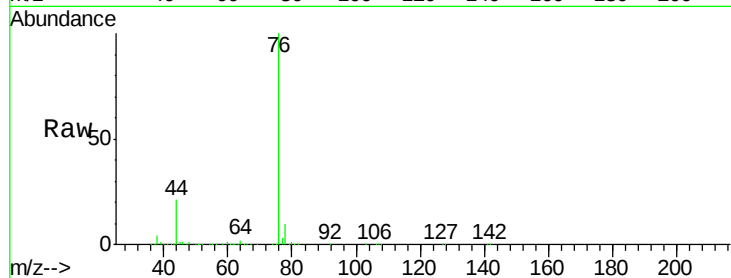
#17
Carbon Disulfide
Concen: 17.816 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
76	100	122912		
78	9.4	6.9	10.3	

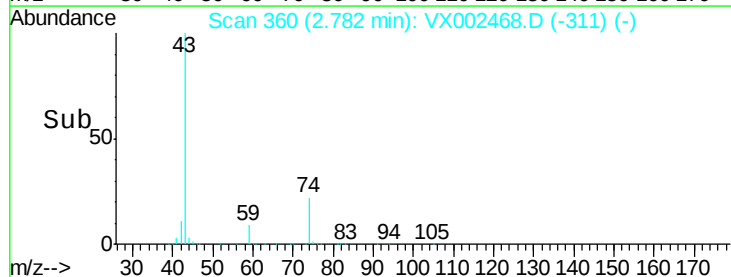
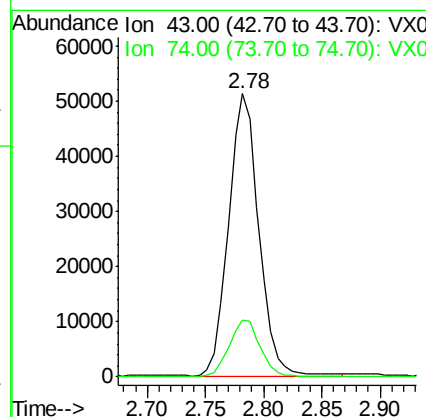
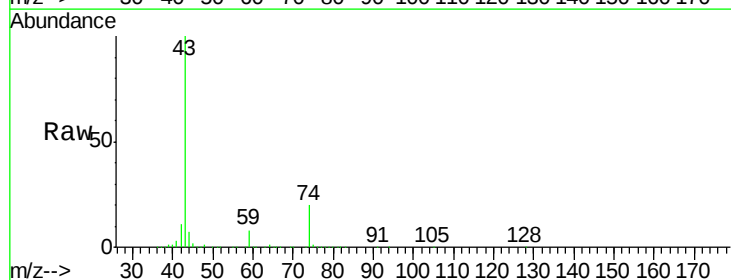
Manual Integrations
APPROVED

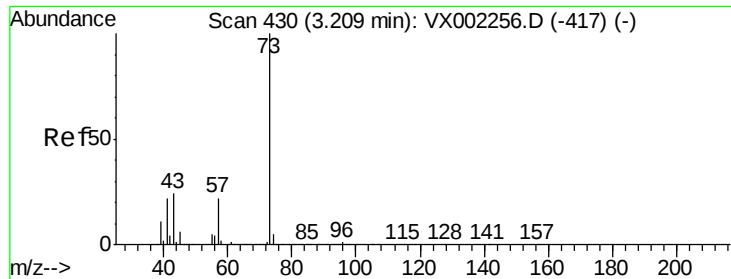
MMDadoda
6/13/2018 1:59:36 PM



#18
Methyl Acetate
Concen: 24.670 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	91716		
74	21.5	16.7	25.1	





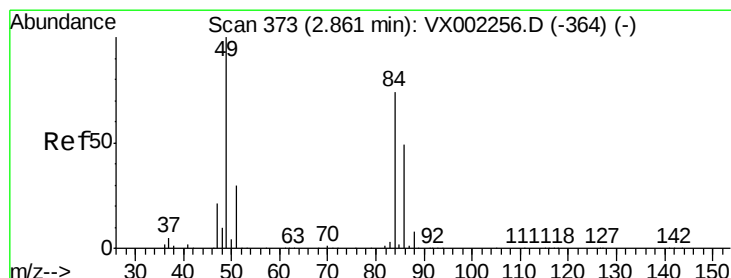
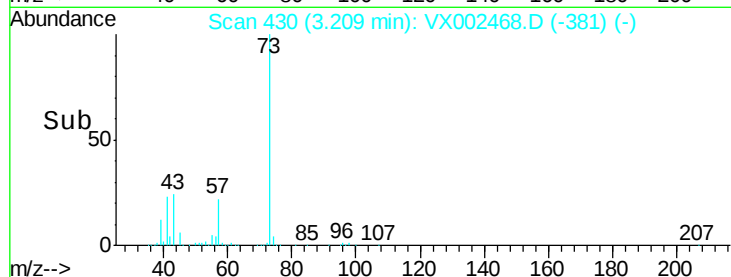
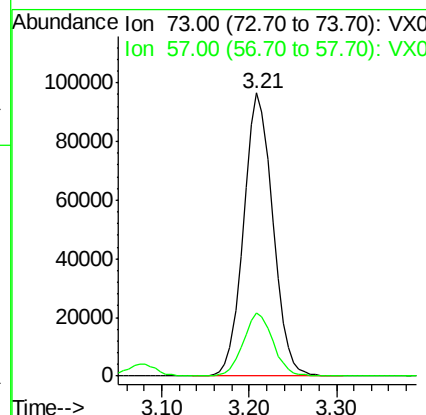
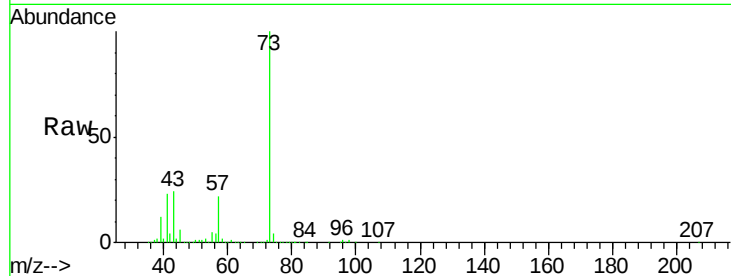
#19
Methyl tert-butyl Ether
Concen: 23.345 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD01

Tgt Ion: 73 Resp: 224415
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5

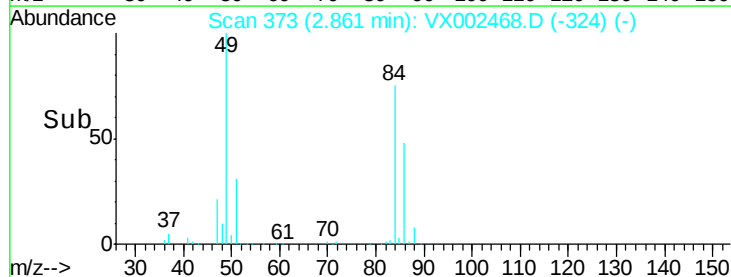
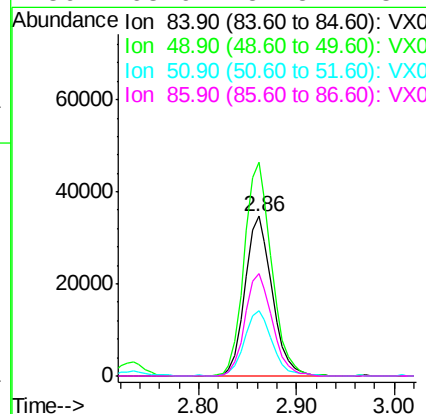
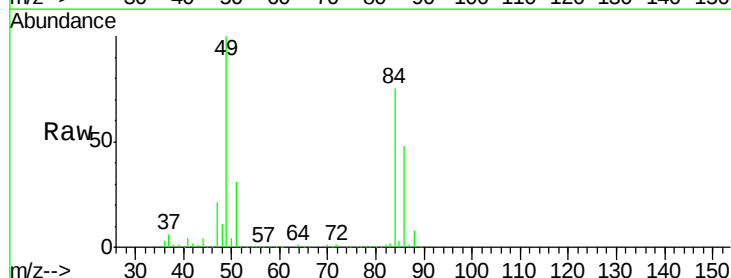
Manual Integrations
APPROVED

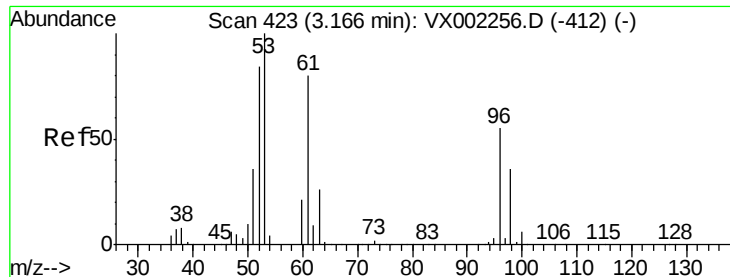
MMDadoda
6/13/2018 1:59:36 PM



#20
Methylene Chloride
Concen: 22.439 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Tgt Ion: 84 Resp: 66620
Ion Ratio Lower Upper
84 100
49 133.5 107.8 161.6
51 41.1 32.8 49.2
86 63.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 21.436 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD01

Tgt Ion: 96 Resp: 61878

Ion Ratio Lower Upper

96 100

61 137.8 117.0 175.4

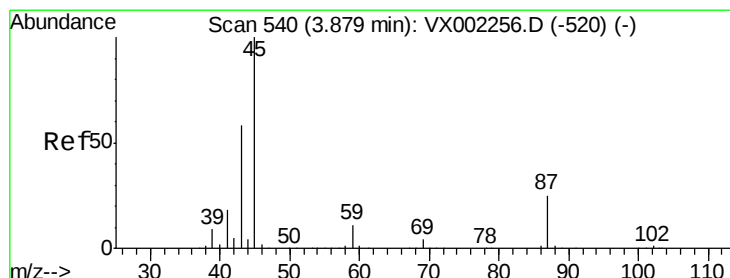
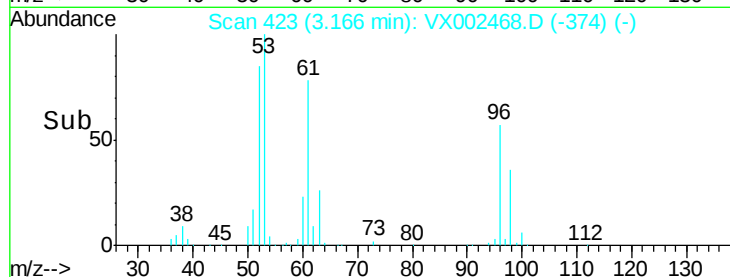
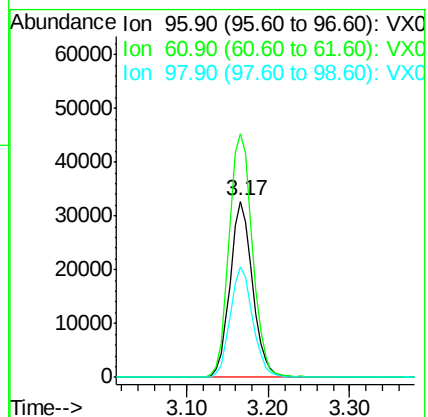
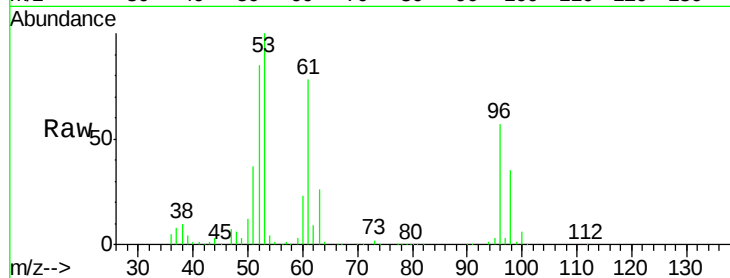
98 62.7 52.4 78.6

Manual Integrations

APPROVED

MMDadoda

6/13/2018 1:59:36 PM



#22

Diisopropyl ether

Concen: 20.663 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Tgt Ion: 45 Resp: 204369

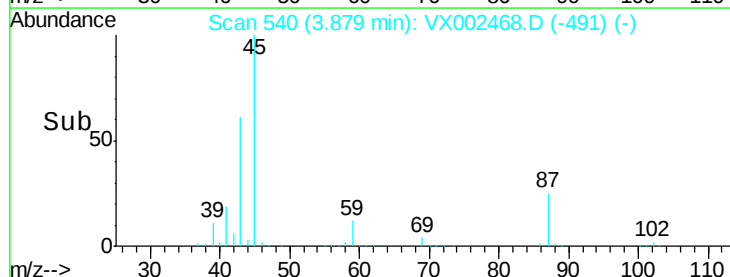
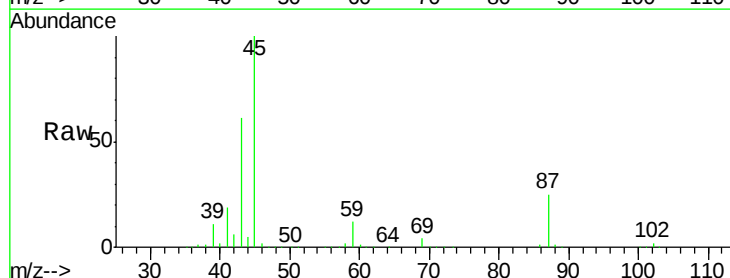
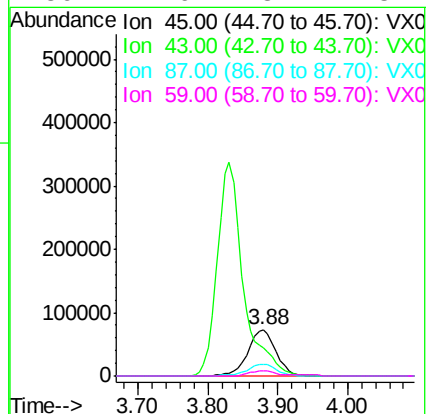
Ion Ratio Lower Upper

45 100

43 60.5 46.8 70.2

87 25.4 20.2 30.4

59 11.6 8.7 13.1





#23

Vinyl Acetate

Concen: 94.885 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD01

Tgt Ion: 43 Resp: 873789

Ion Ratio Lower Upper

43 100

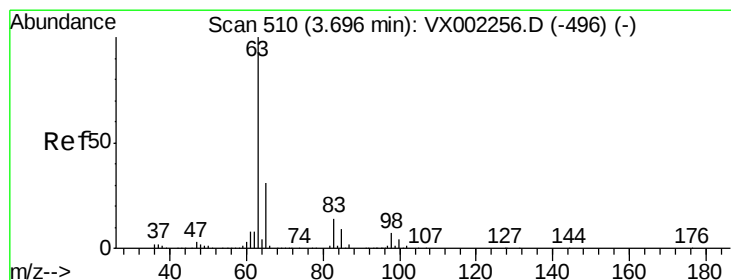
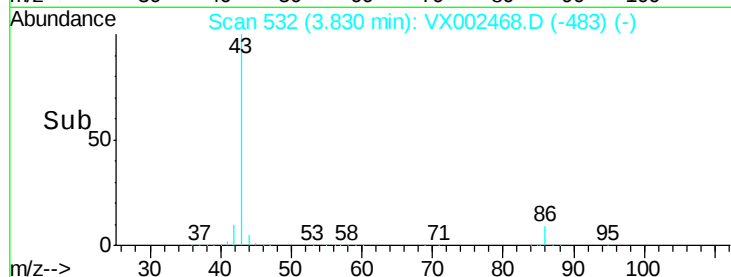
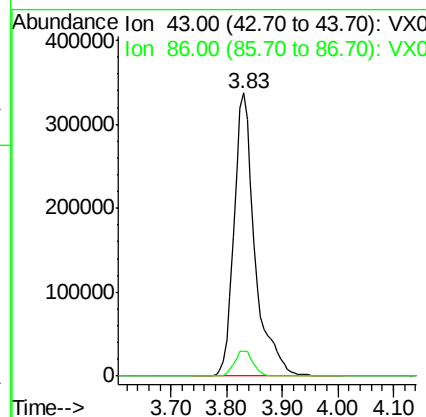
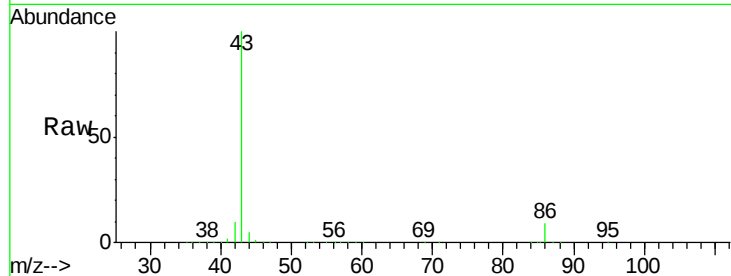
86 9.0 7.4 11.0

Manual Integrations

APPROVED

MMDadoda

6/13/2018 1:59:36 PM



#24

1,1-Dichloroethane

Concen: 21.668 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

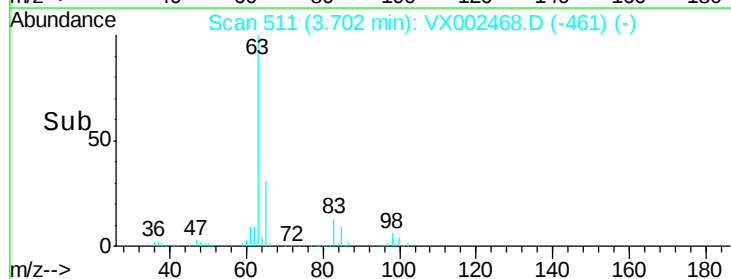
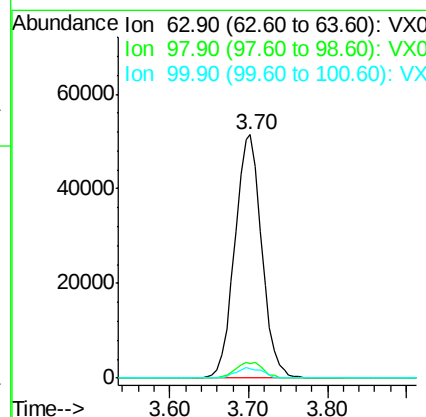
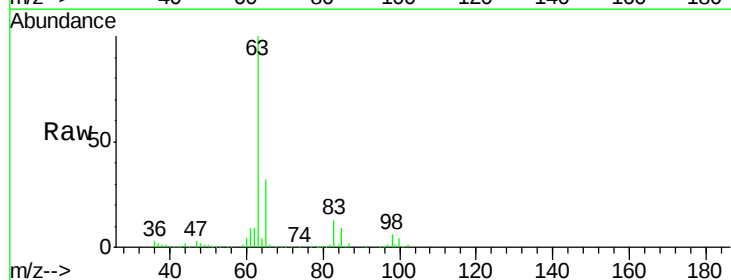
Tgt Ion: 63 Resp: 121654

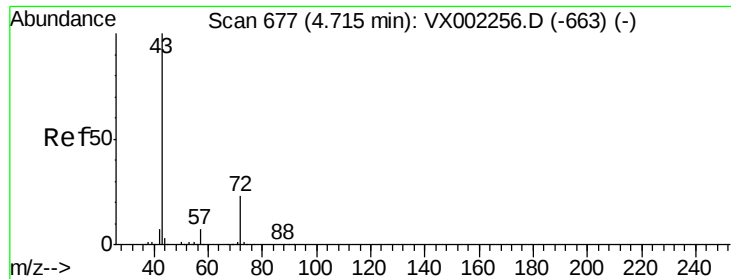
Ion Ratio Lower Upper

63 100

98 6.1 3.4 10.2

100 3.9 2.0 6.0





#25

2-Butanone

Concen: 99.751 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD01

Tgt Ion: 43 Resp: 240489

Ion Ratio Lower Upper

43 100

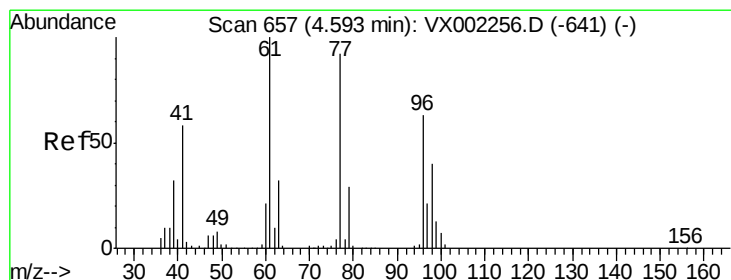
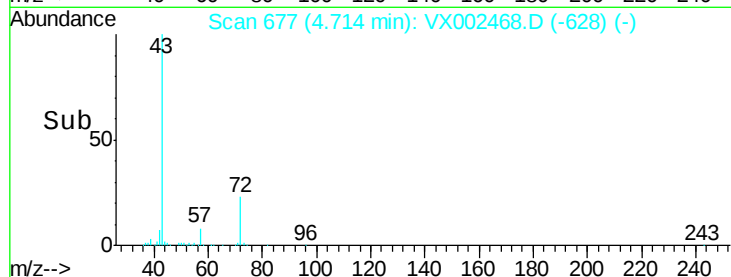
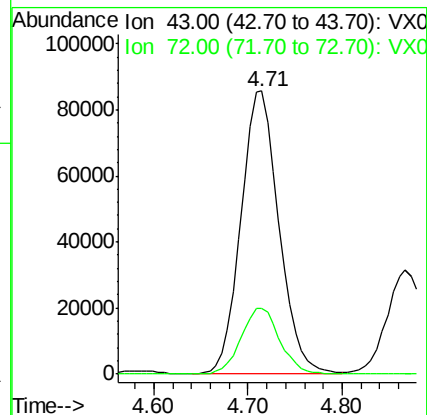
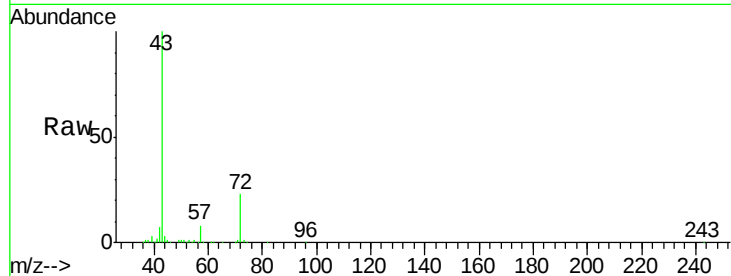
72 23.2 18.5 27.7

Manual Integrations

APPROVED

MMDadoda

6/13/2018 1:59:36 PM



#26

2,2-Dichloropropane

Concen: 19.073 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX002468.D

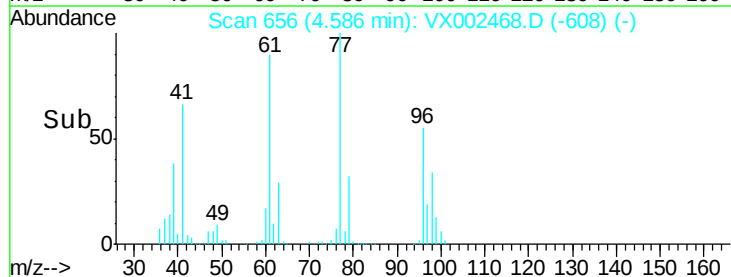
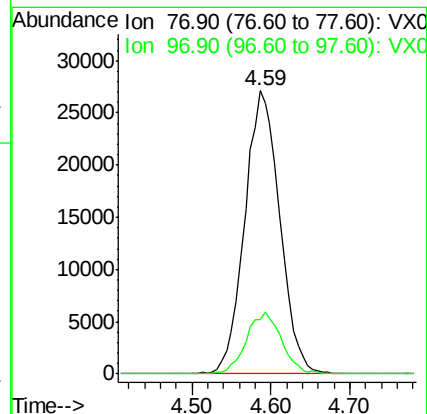
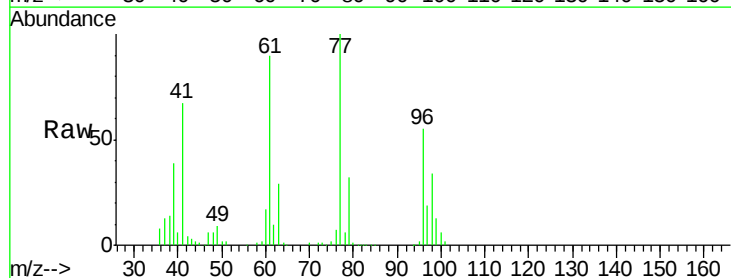
Acq: 12 Jun 2018 15:58

Tgt Ion: 77 Resp: 83706

Ion Ratio Lower Upper

77 100

97 21.9 11.2 33.5





#27

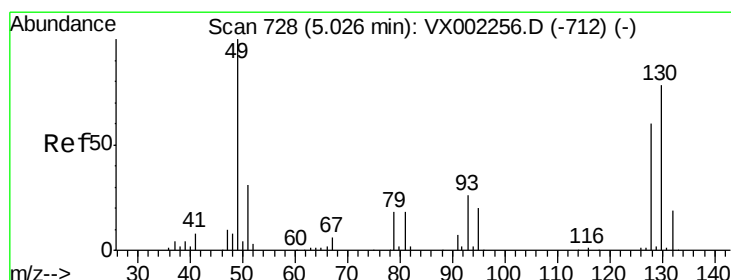
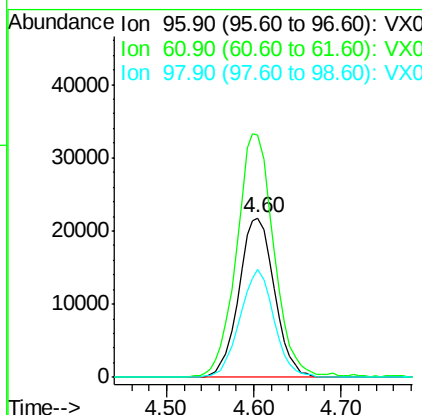
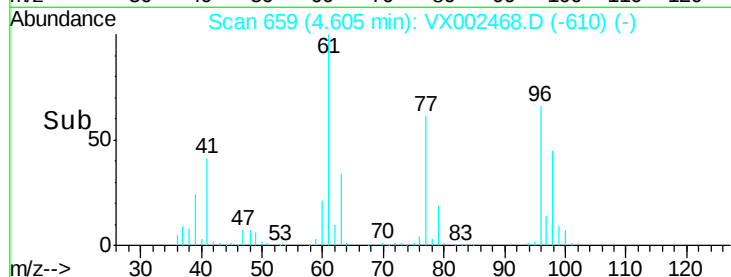
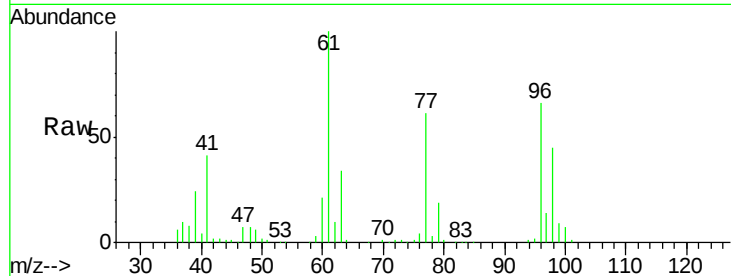
cis-1,2-Dichloroethene
Concen: 19.649 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.7	0.0	330.2
98	65.0	0.0	130.2

Manual Integrations
APPROVED

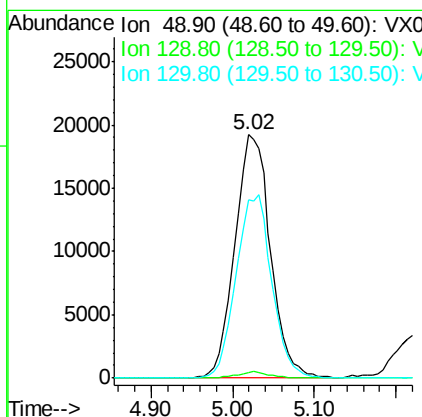
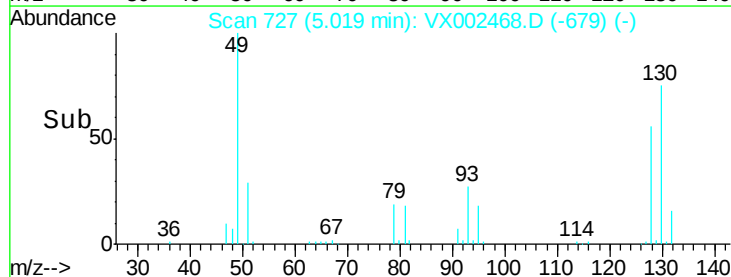
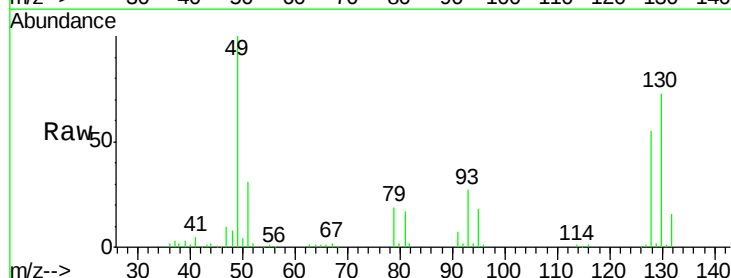
MMDadoda
6/13/2018 1:59:36 PM

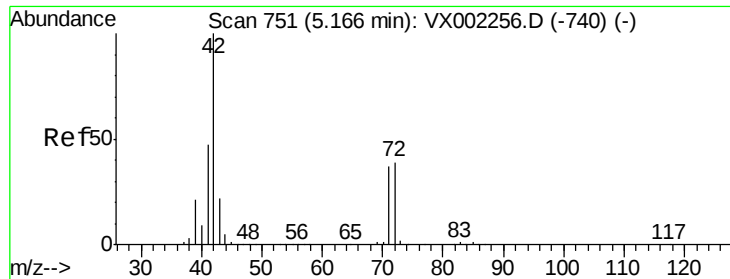


#28

Bromochloromethane
Concen: 22.388 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	75.3	61.2	91.8





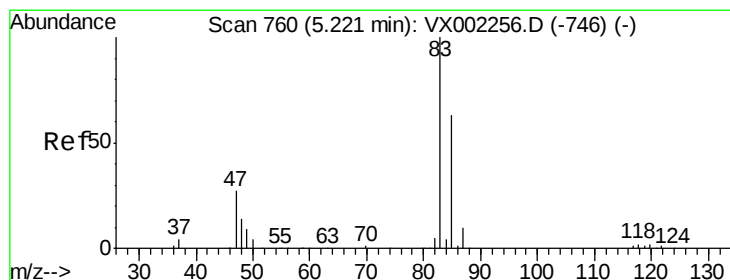
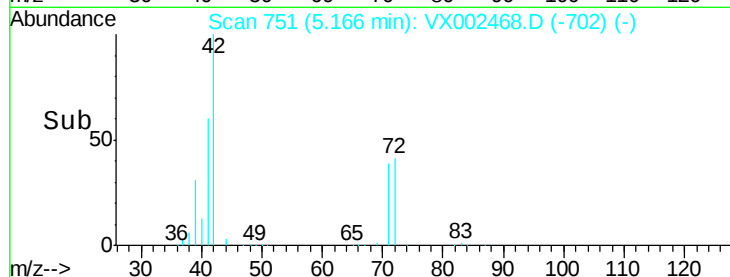
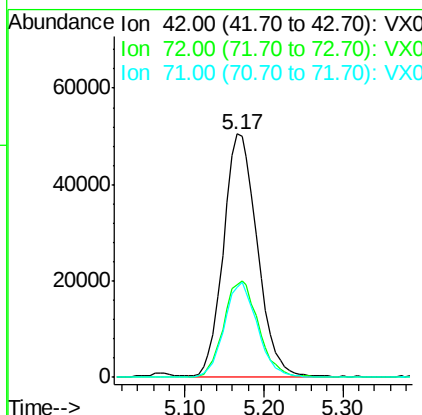
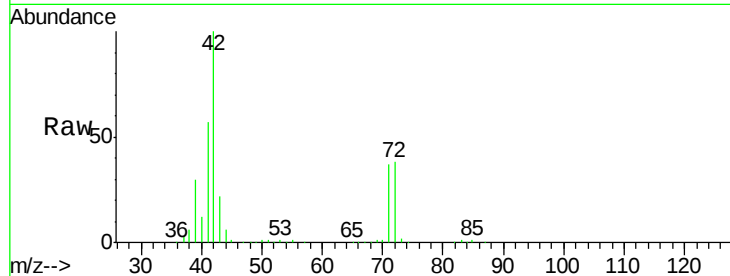
#29
Tetrahydrofuran
Concen: 96.318 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD01

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

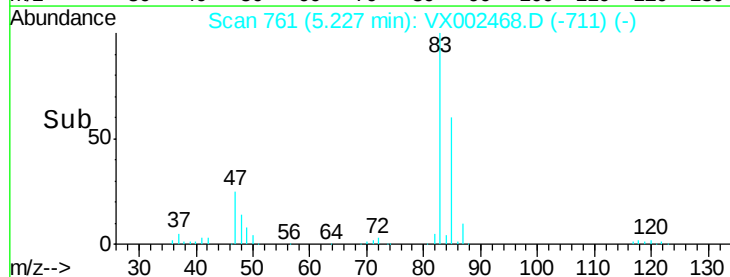
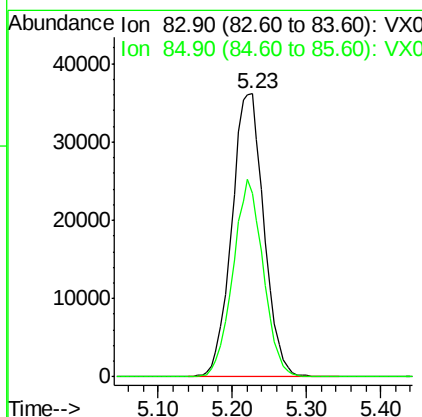
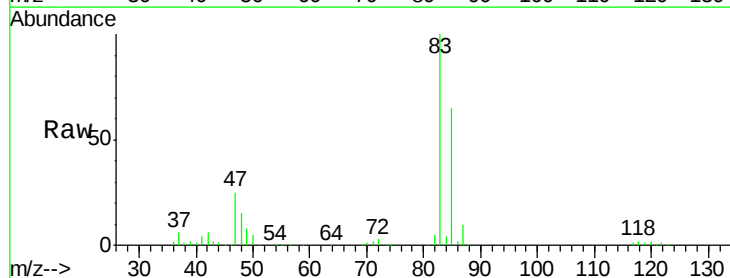
Manual Integrations
APPROVED

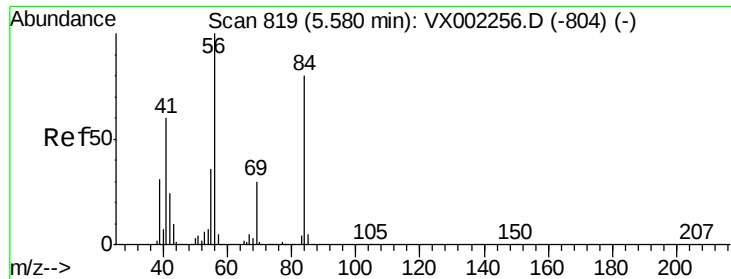
MMDadoda
6/13/2018 1:59:36 PM



#30
Chloroform
Concen: 20.210 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.4	75.6





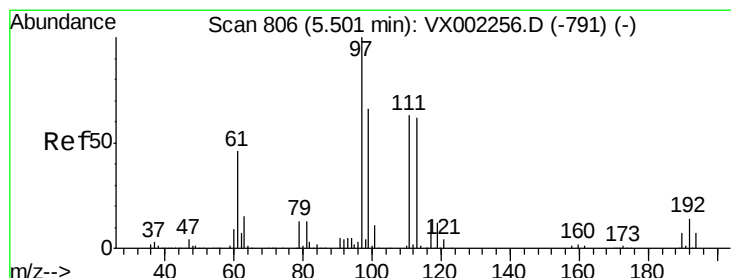
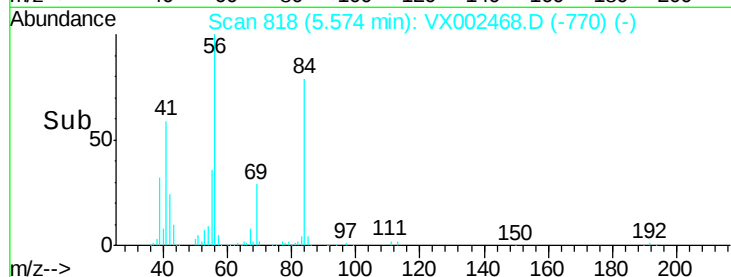
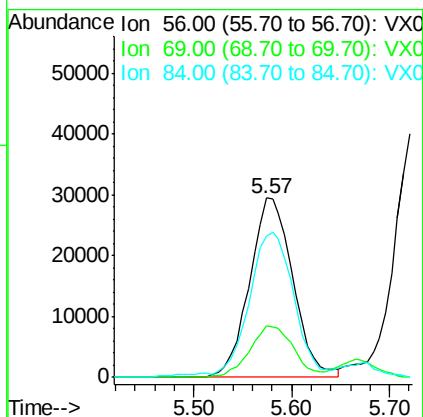
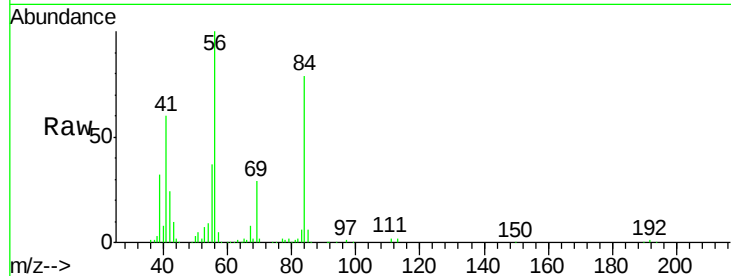
#31
Cyclohexane
Concen: 20.419 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	28.9	23.7	35.5
84	77.4	64.1	96.1

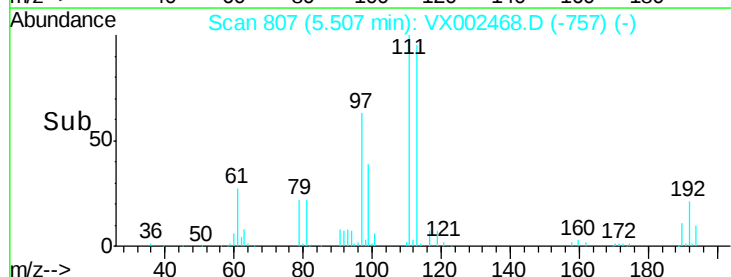
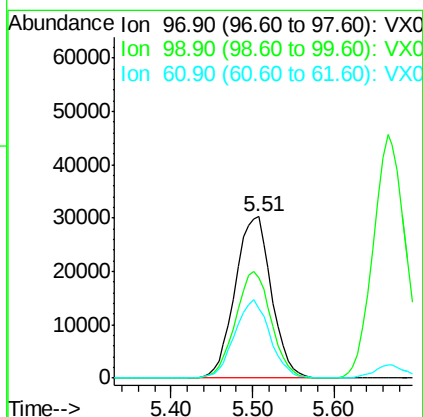
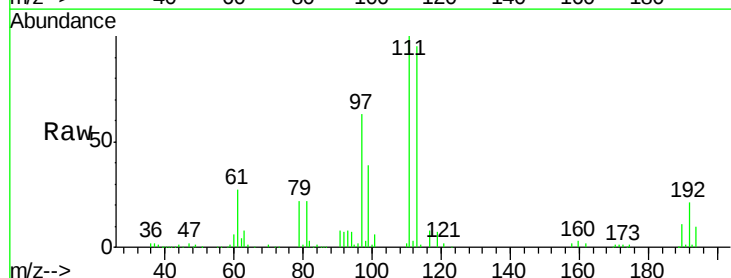
Manual Integrations
APPROVED

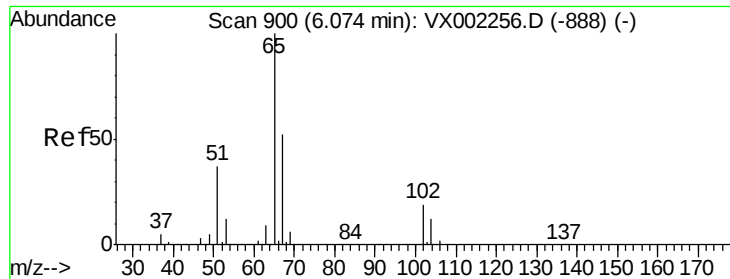
MMDadoda
6/13/2018 1:59:36 PM



#32
1,1,1-Trichloroethane
Concen: 20.372 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.01 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.6	77.4
61	47.2	36.4	54.6





#33

1,2-Dichloroethane-d4

Concen: 49.629 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD01

Tgt Ion: 65 Resp: 174592

Ion Ratio Lower Upper

65 100

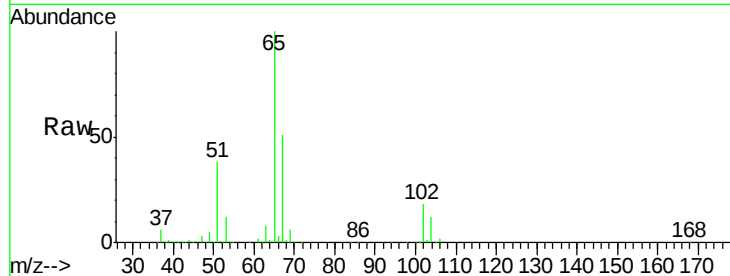
67 51.2 0.0 102.6

Manual Integrations

APPROVED

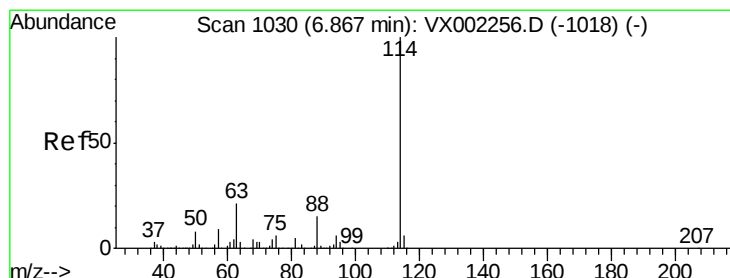
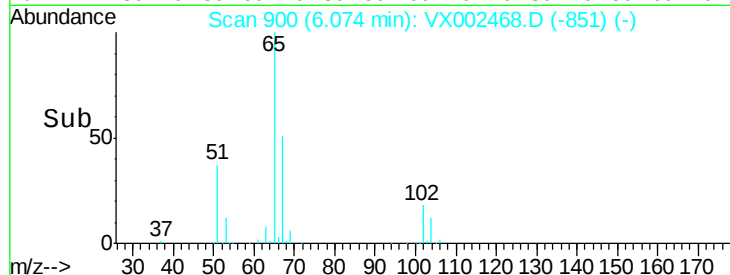
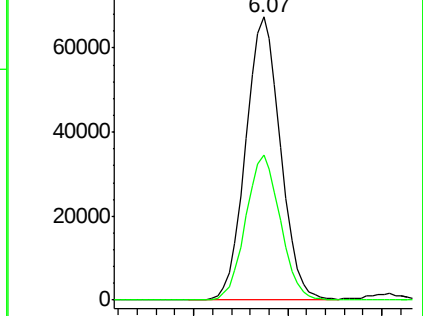
MMDadoda

6/13/2018 1:59:36 PM



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

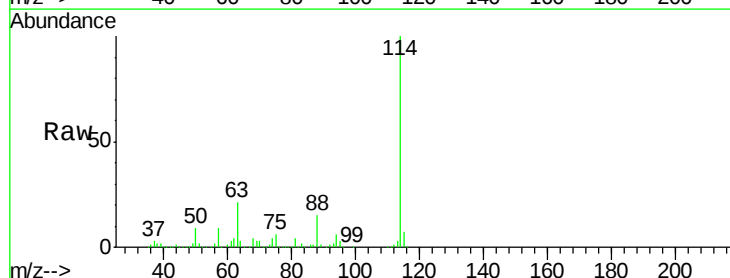
Tgt Ion: 114 Resp: 357147

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.4

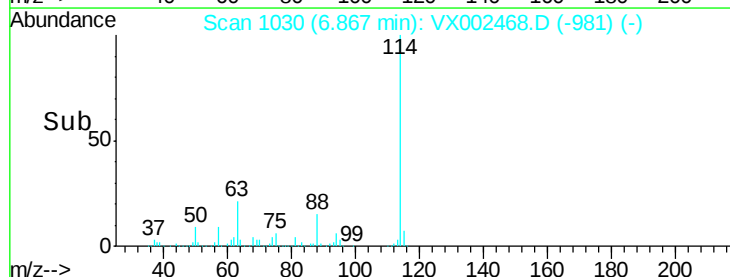
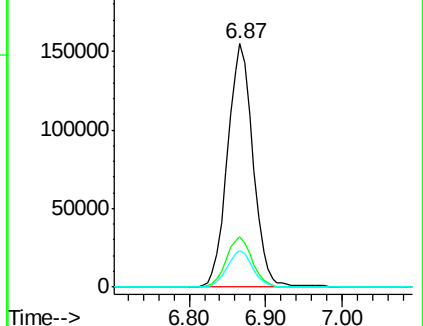
88 14.7 0.0 30.0

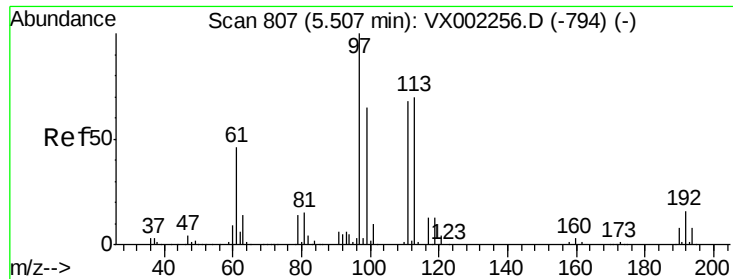


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





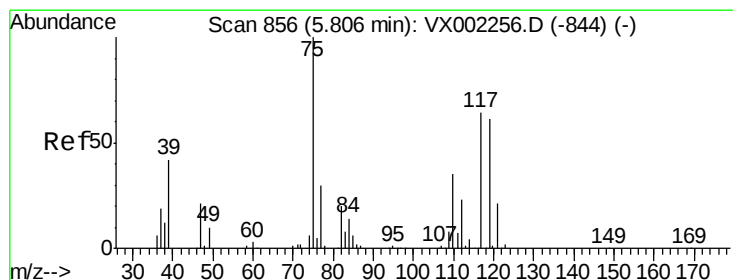
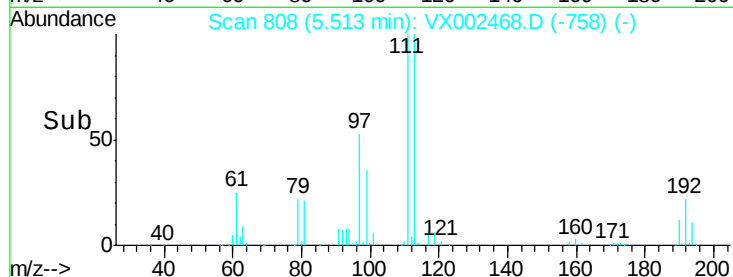
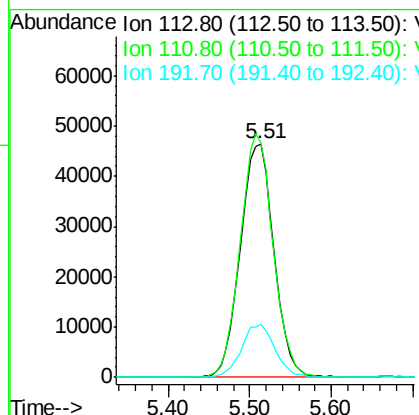
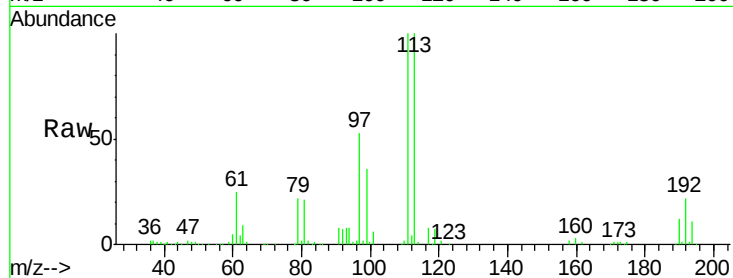
#35
Dibromofluoromethane
Concen: 47.359 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	133014		
111	102.0	81.4	122.0	
192	22.6	19.1	28.7	

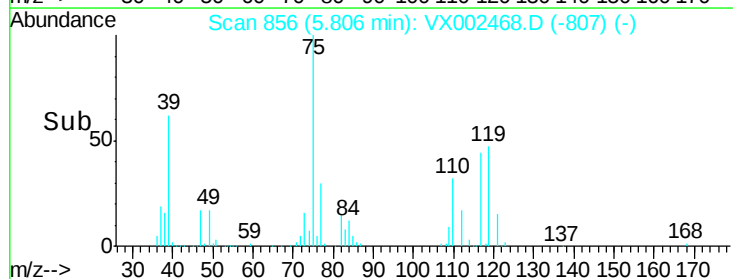
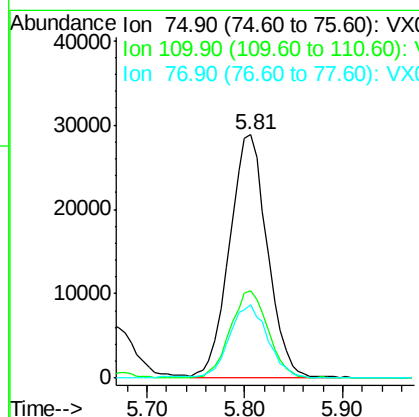
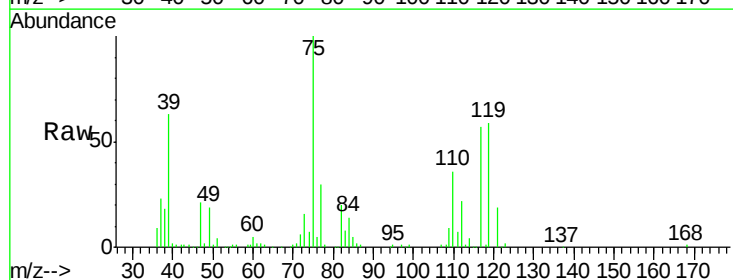
Manual Integrations
APPROVED

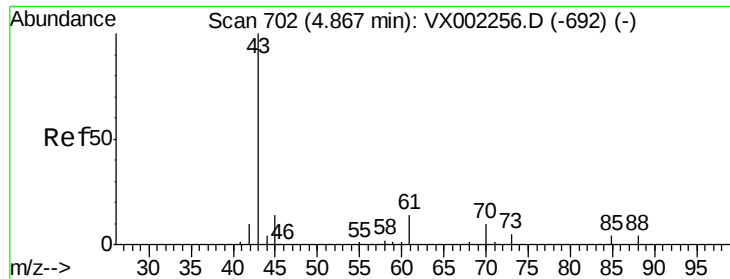
MMDadoda
6/13/2018 1:59:36 PM



#36
1,1-Dichloropropene
Concen: 20.535 ug/l
RT: 5.81 min Scan# 856
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	77103		
110	35.9	18.1	54.4	
77	30.6	24.3	36.5	





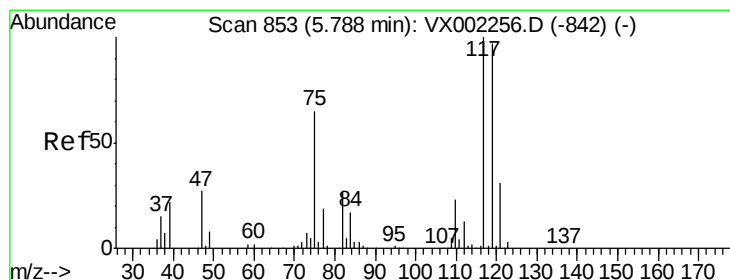
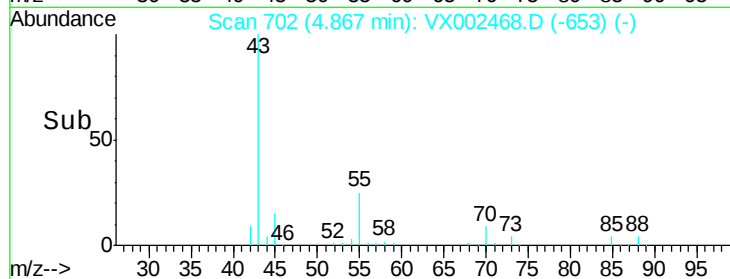
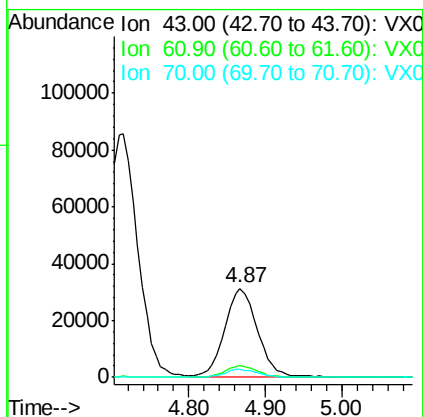
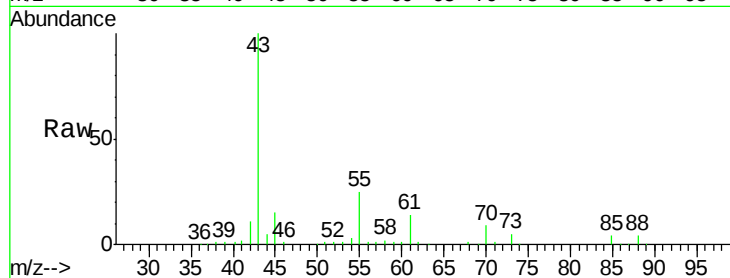
#37
Ethyl Acetate
Concen: 20.152 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD01

Tgt Ion: 43 Resp: 90994
Ion Ratio Lower Upper
43 100
61 12.9 10.4 15.6
70 9.3 7.6 11.4

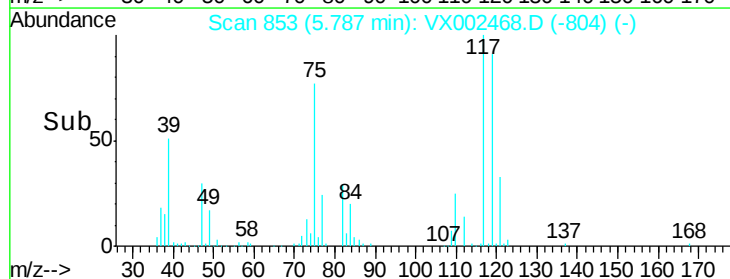
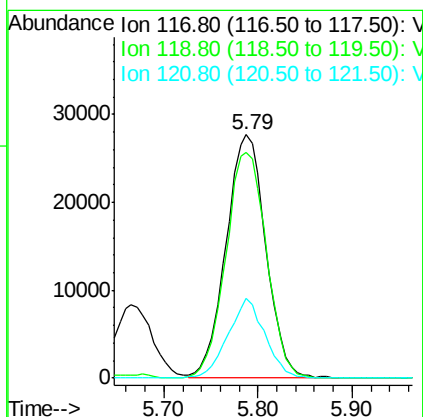
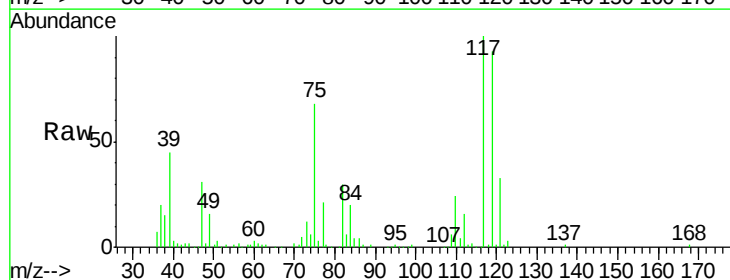
Manual Integrations
APPROVED

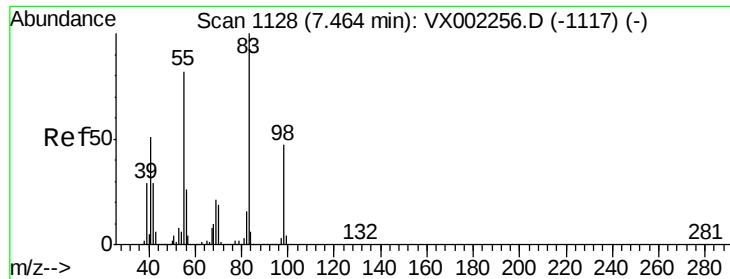
MMDadoda
6/13/2018 1:59:36 PM



#38
Carbon Tetrachloride
Concen: 20.695 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Tgt Ion: 117 Resp: 81289
Ion Ratio Lower Upper
117 100
119 92.7 77.4 116.0
121 32.8 24.4 36.6





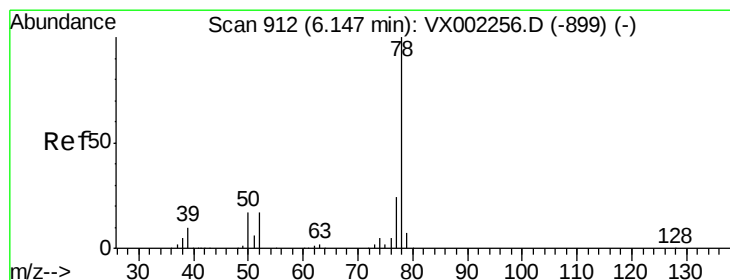
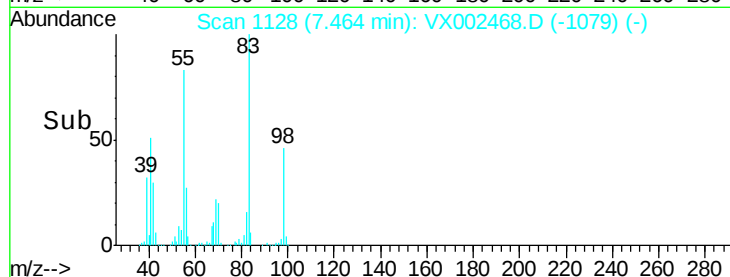
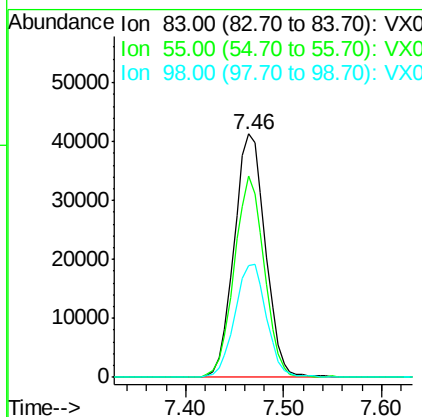
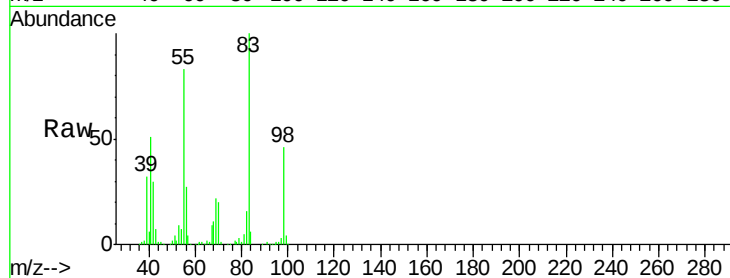
#39
Methylcyclohexane
Concen: 19.932 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	82.9	65.4	98.0
98	46.0	37.4	56.0

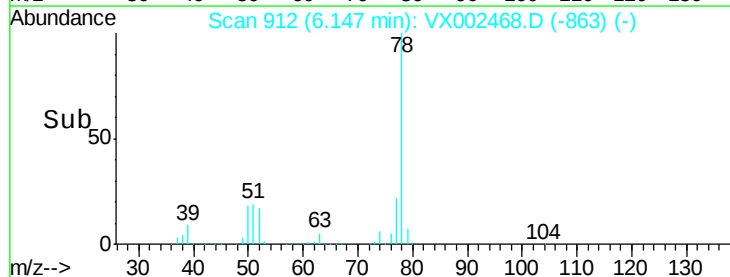
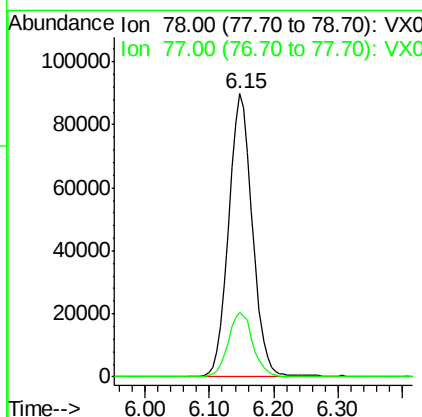
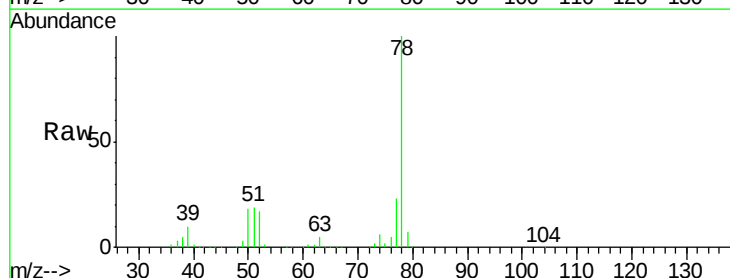
Manual Integrations
APPROVED

MMDadoda
6/13/2018 1:59:36 PM



#40
Benzene
Concen: 20.319 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.1	28.7





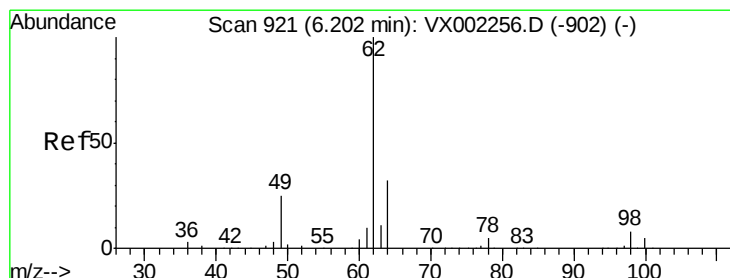
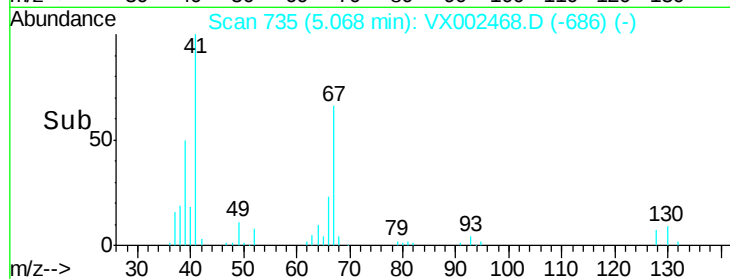
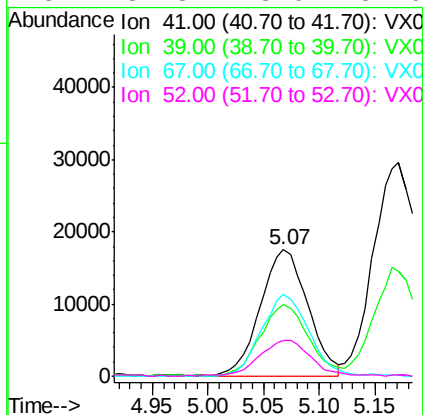
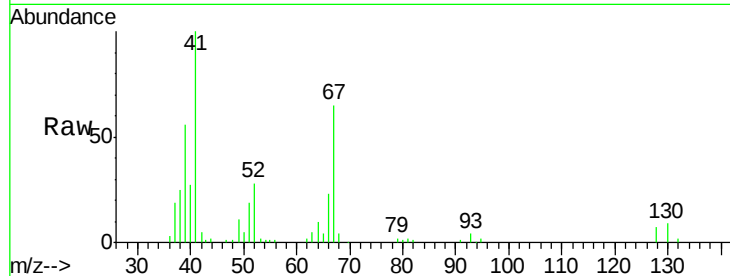
#41
Methacrylonitrile
Concen: 20.000 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD01

Tgt Ion:	41	Resp:	51696
Ion	Ratio	Lower	Upper
41	100		
39	57.9	45.8	68.6
67	65.3	51.3	76.9
52	31.3	23.0	34.6

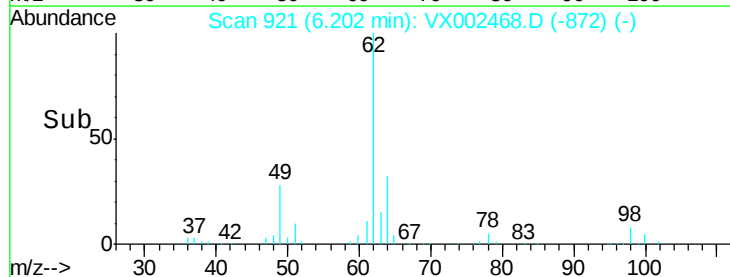
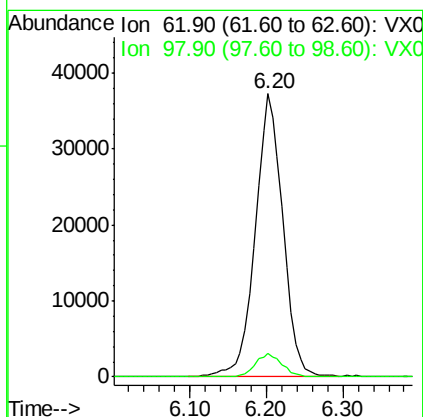
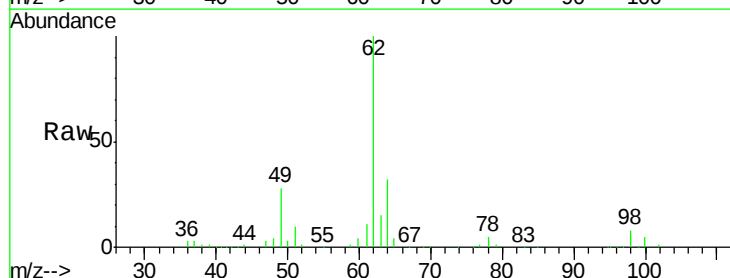
Manual Integrations
APPROVED

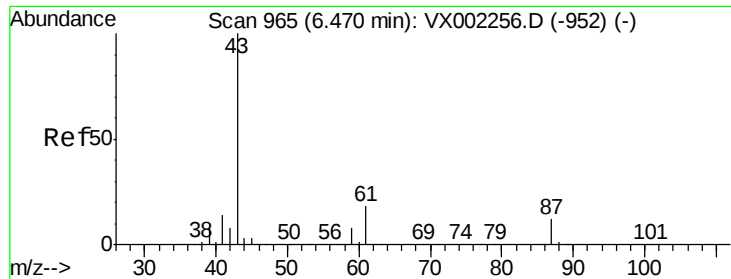
MMDadoda
6/13/2018 1:59:36 PM



#42
1,2-Dichloroethane
Concen: 20.391 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Tgt Ion:	62	Resp:	93266
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.6





#43

Isopropyl Acetate

Concen: 19.668 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Instrument :

MSVOA_X

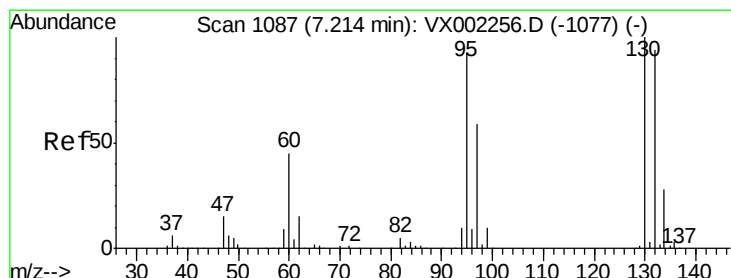
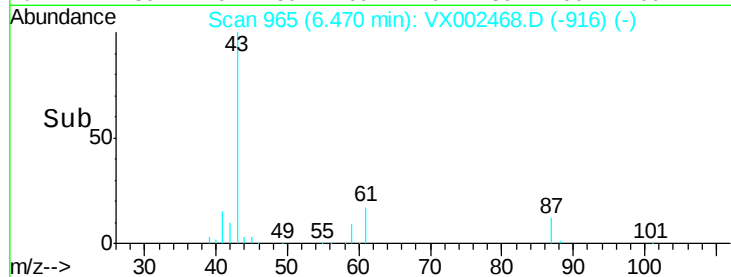
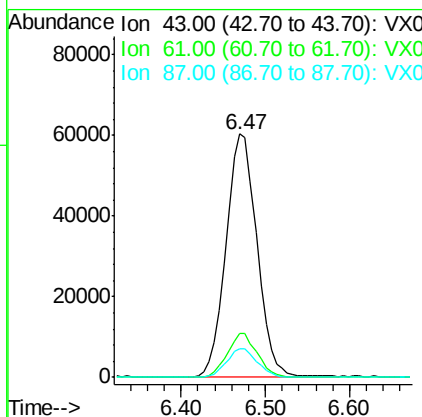
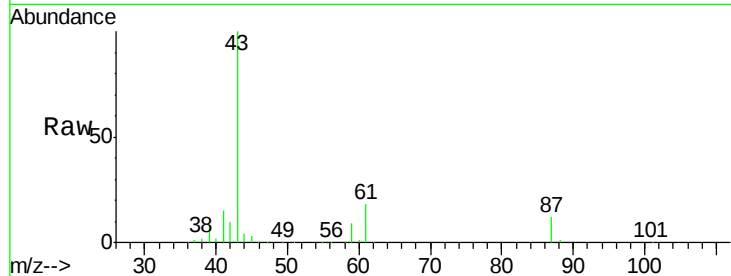
ClientSampleId :

VX0612WBSD01

Tgt Ion:	43	Resp:	150841
Ion	Ratio	Lower	Upper
43	100		
61	17.6	14.4	21.6
87	11.7	9.5	14.3

Manual Integrations
APPROVED

MMDadoda
6/13/2018 1:59:36 PM



#44

Trichloroethene

Concen: 20.704 ug/l

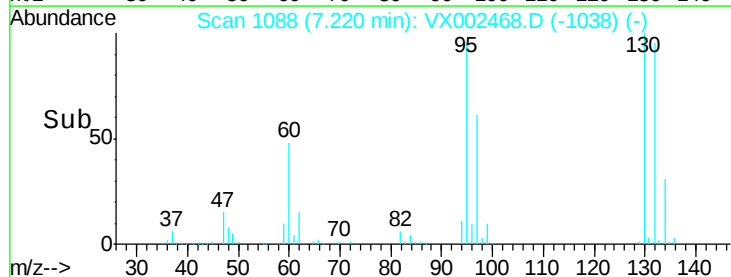
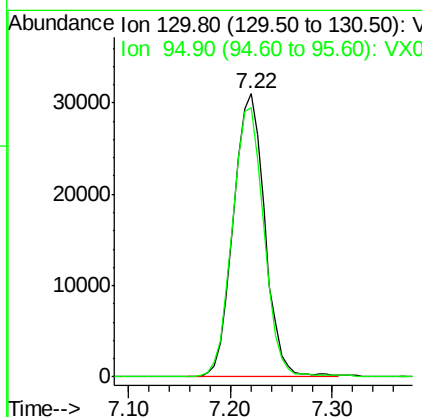
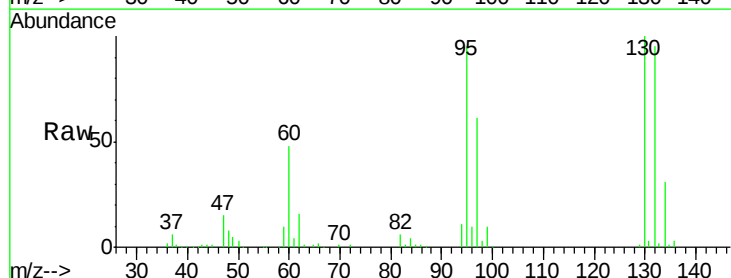
RT: 7.22 min Scan# 1088

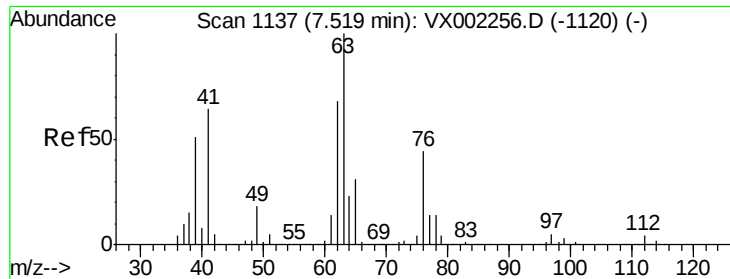
Delta R.T. 0.01 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Tgt Ion:	130	Resp:	66153
Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	185.4





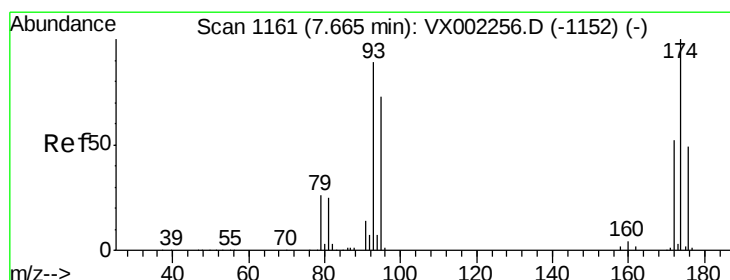
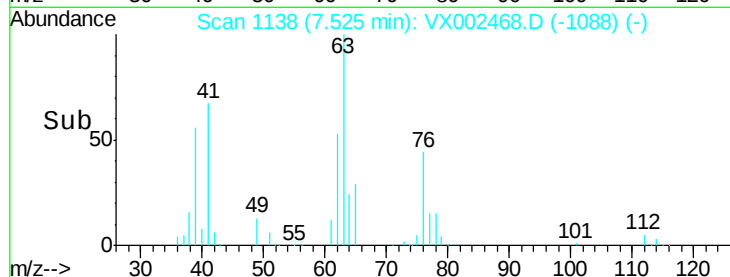
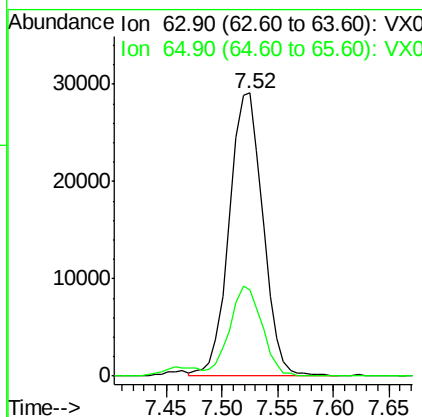
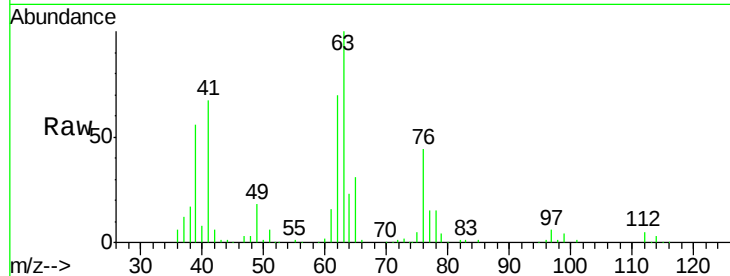
#45
 1,2-Dichloropropane
 Concen: 19.560 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VX002468.D
 Acq: 12 Jun 2018 15:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBSD01

Tgt Ion: 63 Resp: 60792
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.7 37.1

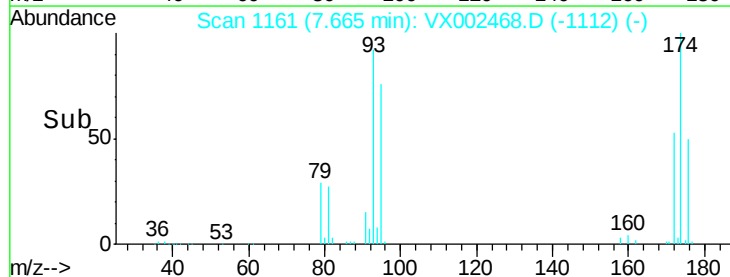
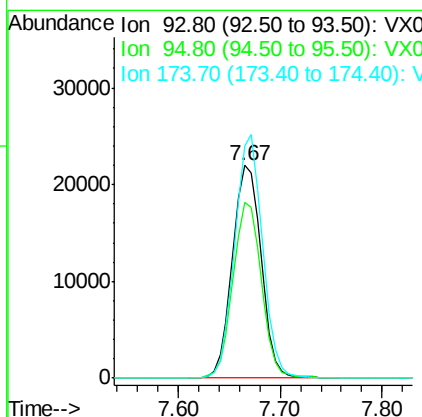
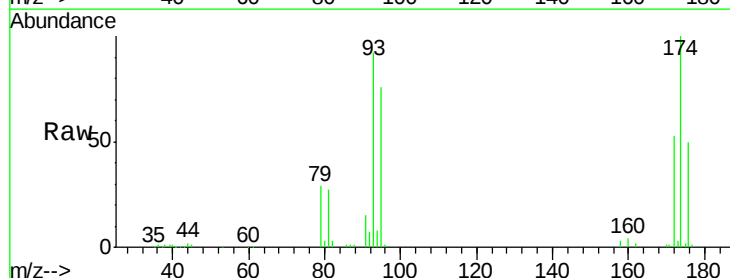
Manual Integrations
 APPROVED

MMDadoda
 6/13/2018 1:59:36 PM



#46
 Dibromomethane
 Concen: 20.360 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002468.D
 Acq: 12 Jun 2018 15:58

Tgt Ion: 93 Resp: 42897
 Ion Ratio Lower Upper
 93 100
 95 81.4 65.9 98.9
 174 110.4 92.4 138.6





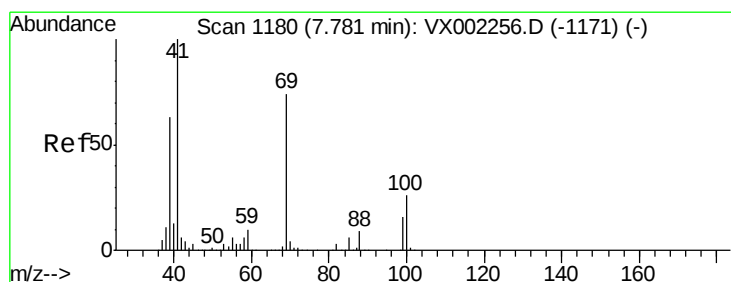
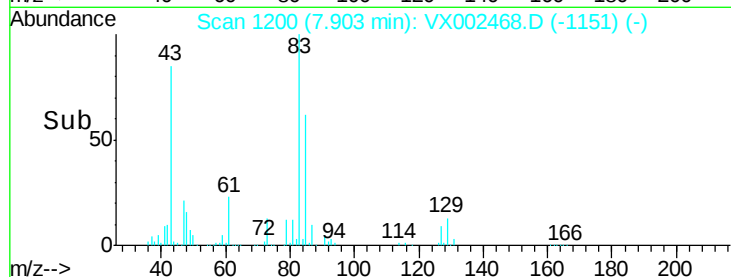
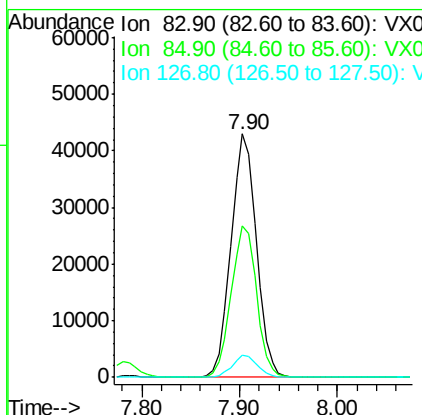
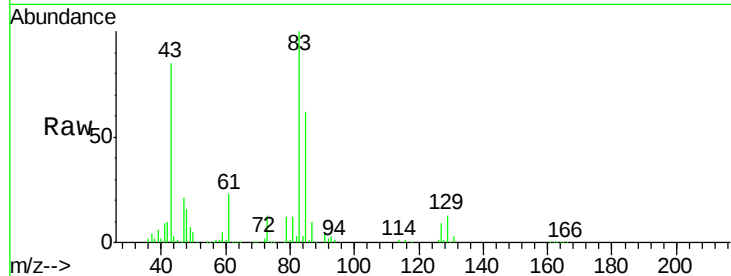
#47
Bromodichloromethane
Concen: 20.352 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.1	50.3	75.5
127	8.9	7.0	10.4

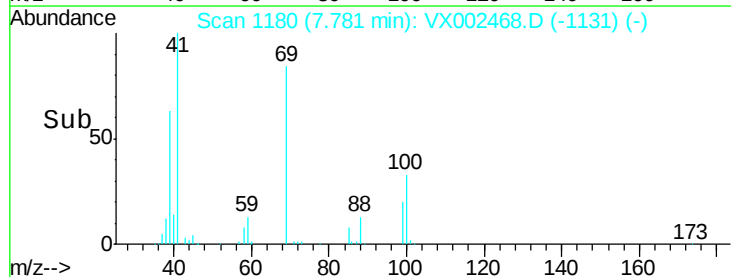
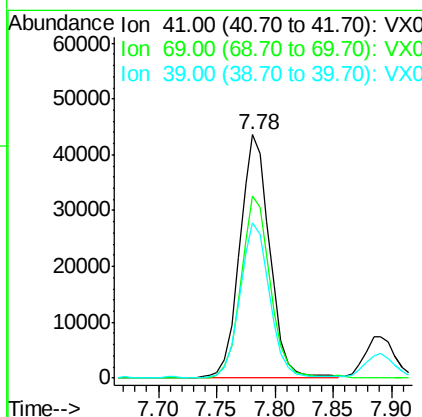
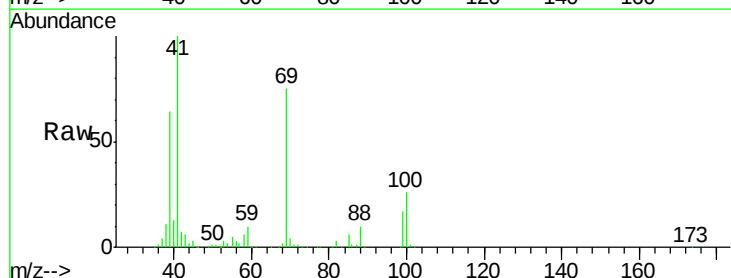
Manual Integrations
APPROVED

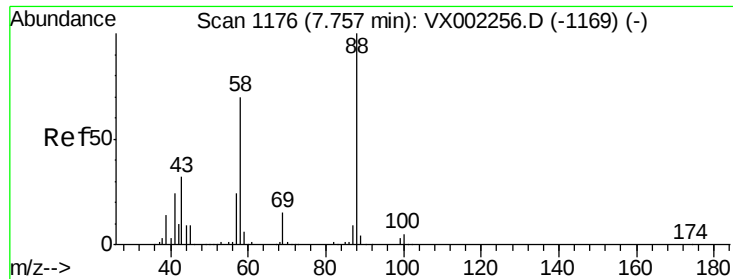
MMDadoda
6/13/2018 1:59:36 PM



#48
Methyl methacrylate
Concen: 20.128 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Tgt Ion	Ratio	Lower	Upper
41	100		
69	74.4	59.1	88.7
39	63.0	48.9	73.3





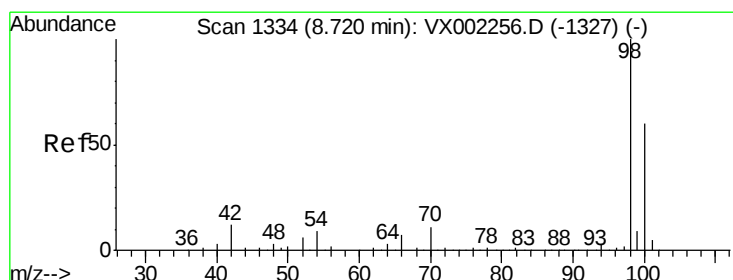
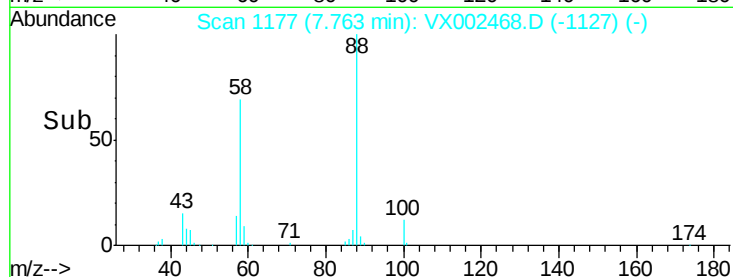
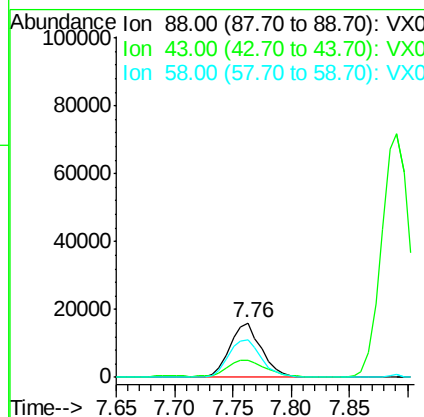
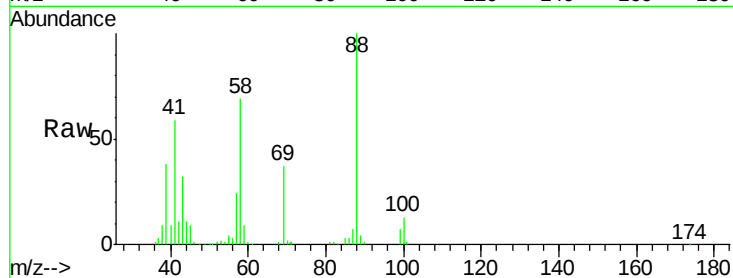
#49
1,4-Dioxane
Concen: 418.181 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	38.3	29.8	44.6
58	72.7	57.1	85.7

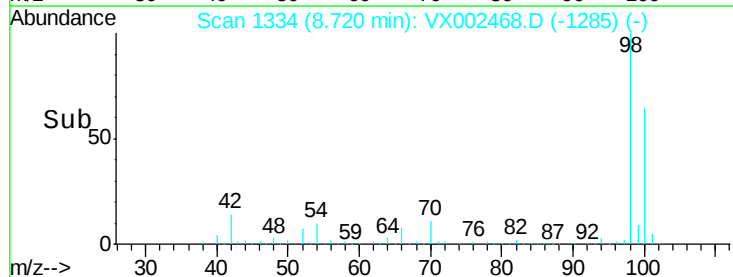
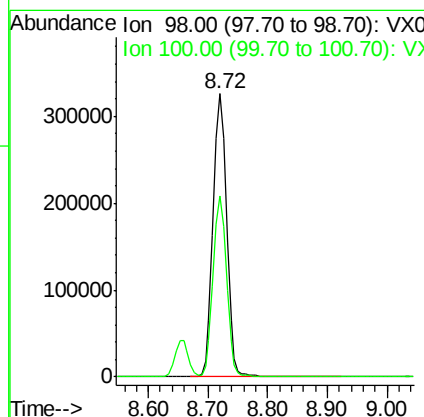
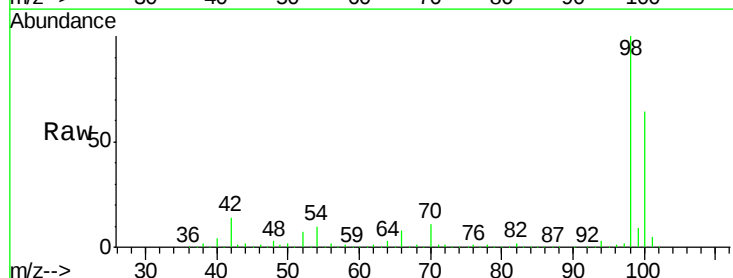
Manual Integrations
APPROVED

MMDadoda
6/13/2018 1:59:36 PM



#50
Toluene-d8
Concen: 47.434 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 105.170 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD01

Tgt Ion: 43 Resp: 502301

Ion Ratio Lower Upper

43 100

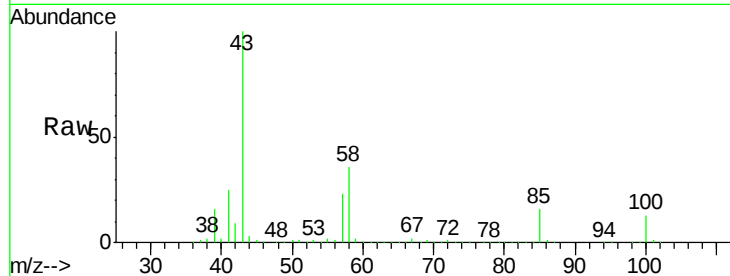
58 35.2 28.6 42.8

Manual Integrations

APPROVED

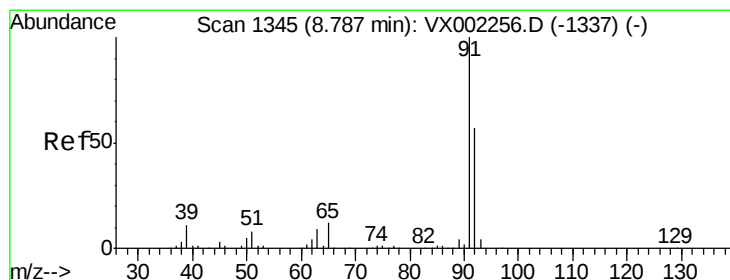
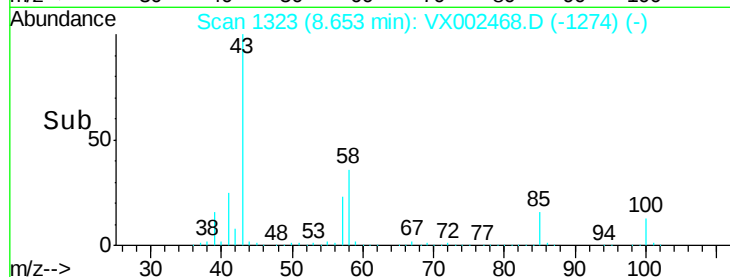
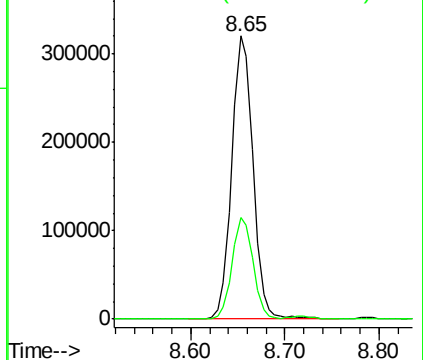
MMDadoda

6/13/2018 1:59:36 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.787 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002468.D

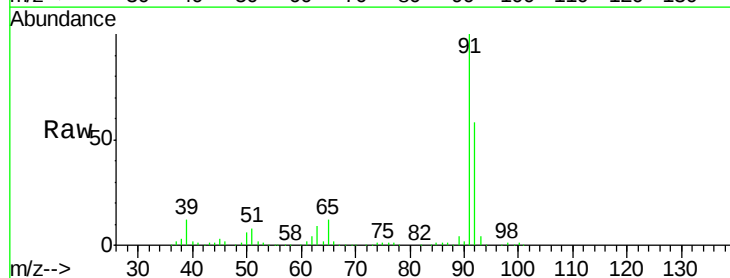
Acq: 12 Jun 2018 15:58

Tgt Ion: 92 Resp: 152203

Ion Ratio Lower Upper

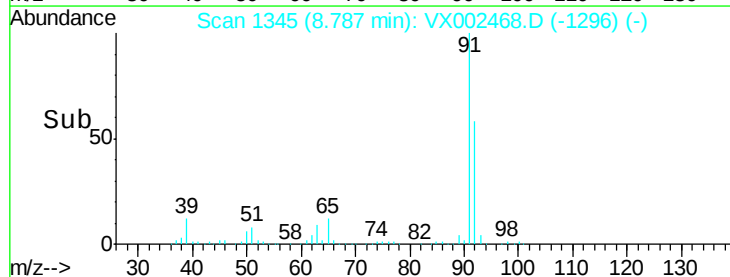
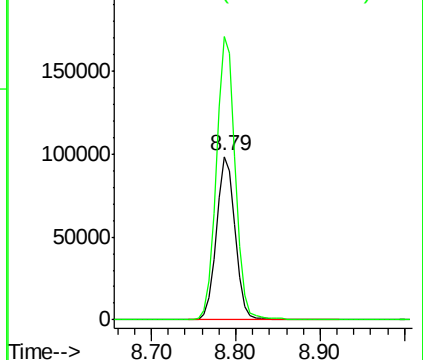
92 100

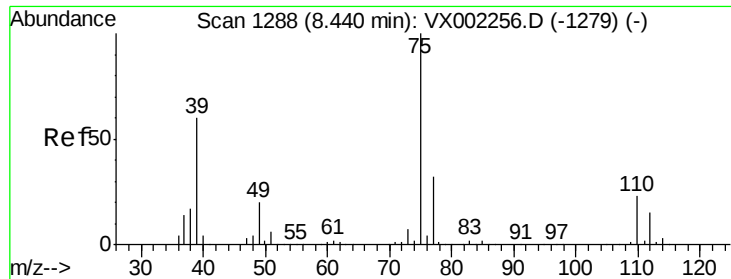
91 175.3 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





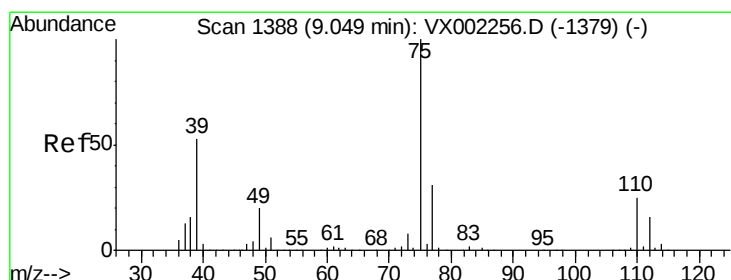
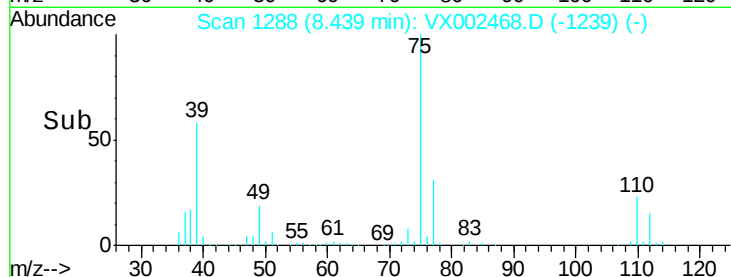
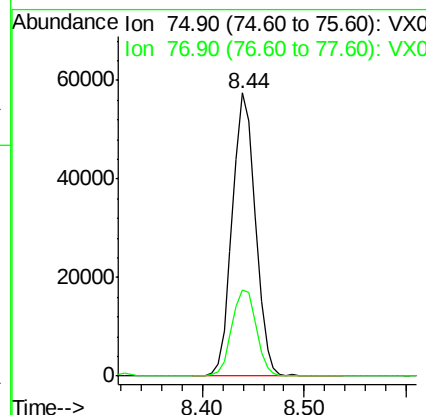
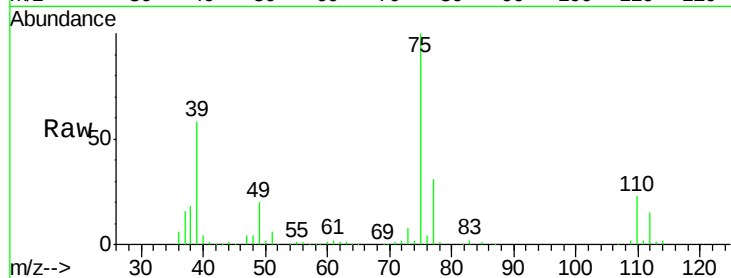
#53
t-1,3-Dichloropropene
Concen: 19.784 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD01

Tgt Ion: 75 Resp: 90404
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.2

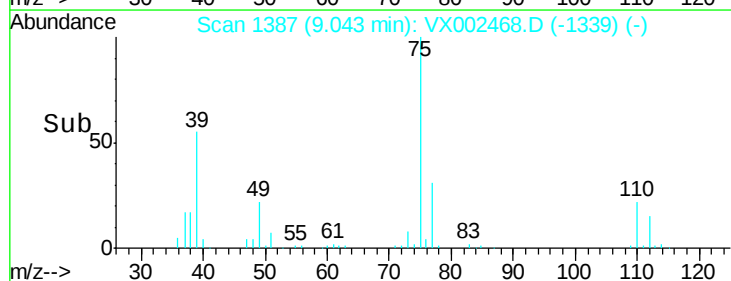
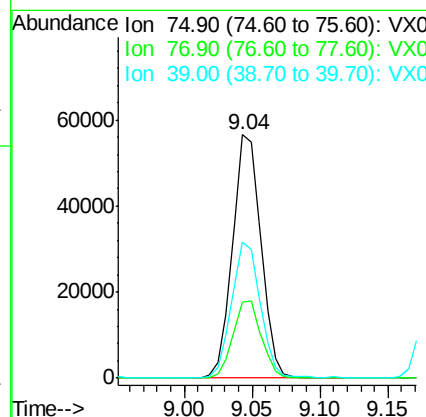
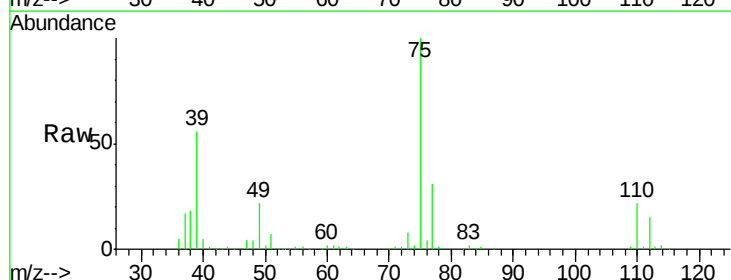
Manual Integrations
APPROVED

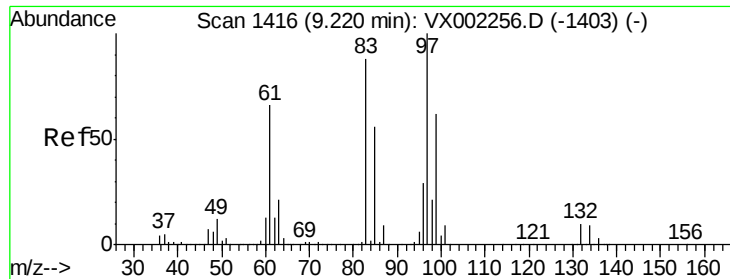
MMDadoda
6/13/2018 1:59:36 PM



#54
cis-1,3-Dichloropropene
Concen: 19.117 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Tgt Ion: 75 Resp: 82418
Ion Ratio Lower Upper
75 100
77 31.1 24.8 37.2
39 55.5 42.4 63.6





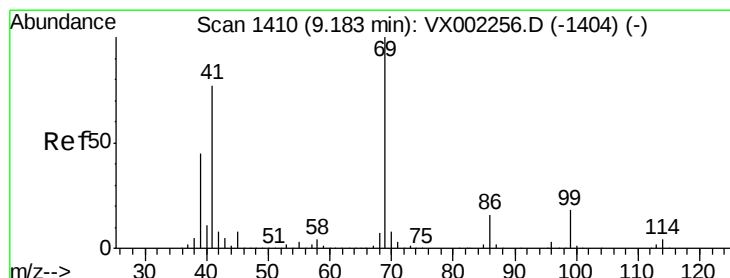
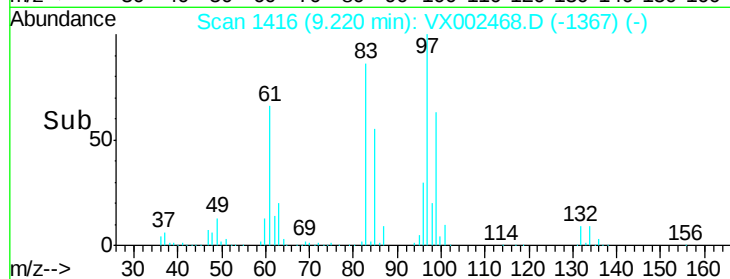
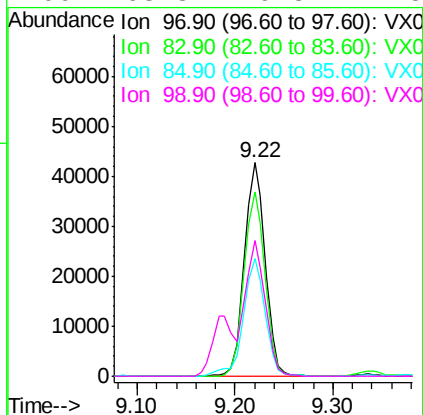
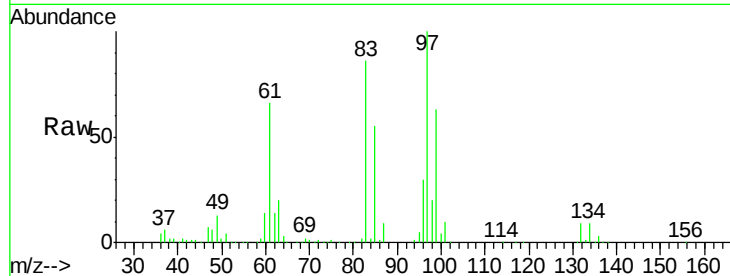
#55
 1,1,2-Trichloroethane
 Concen: 21.074 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002468.D
 Acq: 12 Jun 2018 15:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBSD01

Tgt Ion:	97	Resp:	63463
Ion	Ratio	Lower	Upper
97	100		
83	86.4	70.2	105.2
85	54.9	44.9	67.3
99	63.3	49.8	74.8

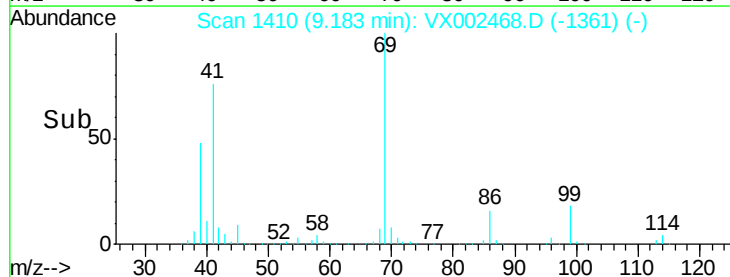
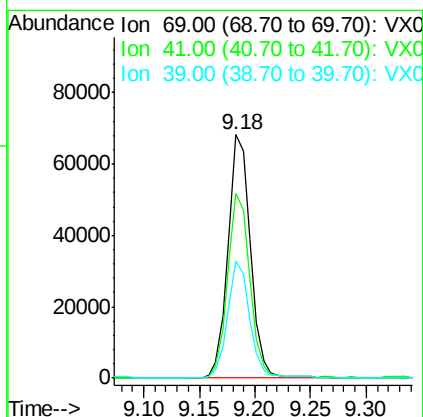
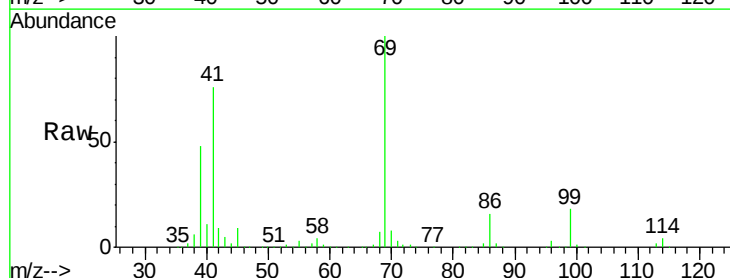
Manual Integrations
 APPROVED

MMDadoda
 6/13/2018 1:59:36 PM



#56
 Ethyl methacrylate
 Concen: 19.852 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002468.D
 Acq: 12 Jun 2018 15:58

Tgt Ion:	69	Resp:	95447
Ion	Ratio	Lower	Upper
69	100		
41	75.4	60.3	90.5
39	46.8	35.8	53.8





#57

1,3-Dichloropropane

Concen: 20.686 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD01

Tgt Ion: 76 Resp: 104507

Ion Ratio Lower Upper

76 100

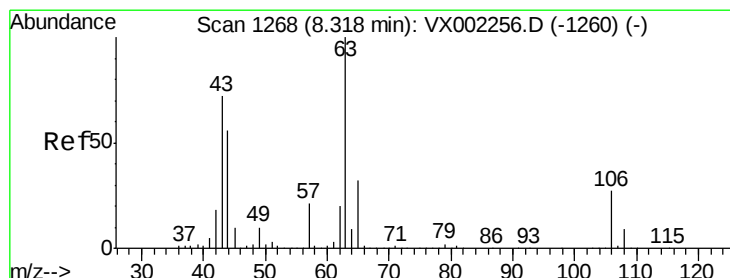
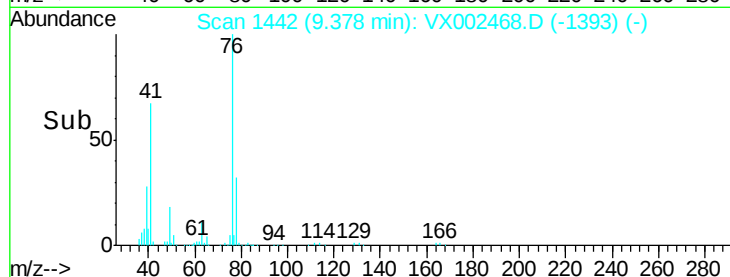
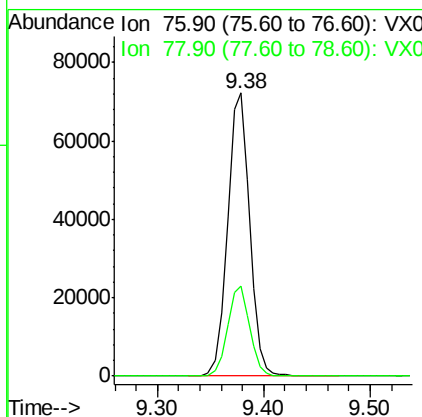
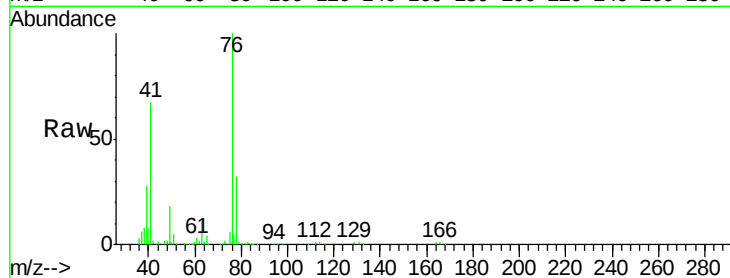
78 31.9 25.8 38.6

Manual Integrations

APPROVED

MMDadoda

6/13/2018 1:59:36 PM



#58

2-Chloroethyl Vinyl ether

Concen: 117.616 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002468.D

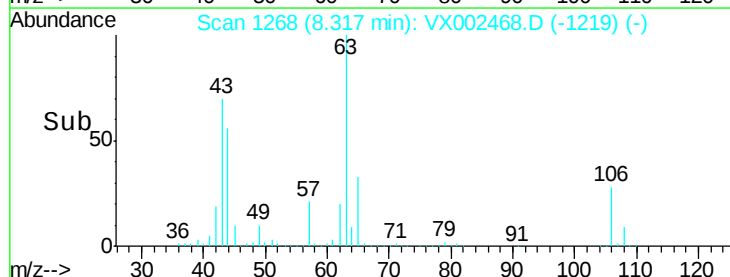
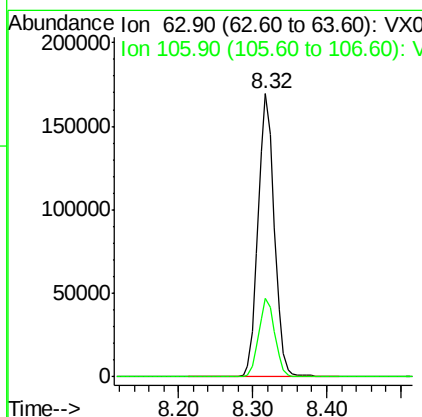
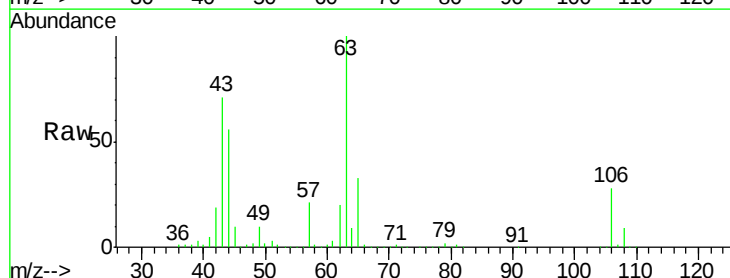
Acq: 12 Jun 2018 15:58

Tgt Ion: 63 Resp: 261730

Ion Ratio Lower Upper

63 100

106 27.6 21.8 32.8





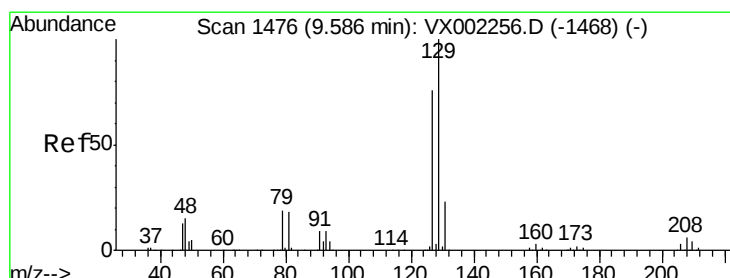
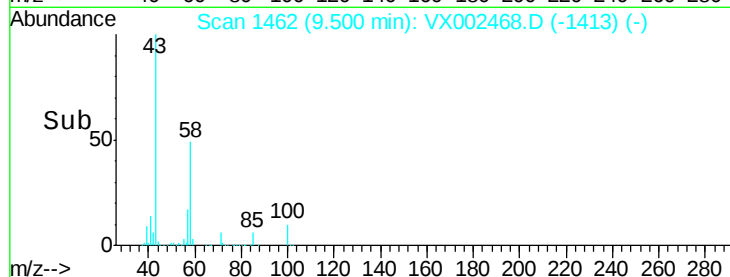
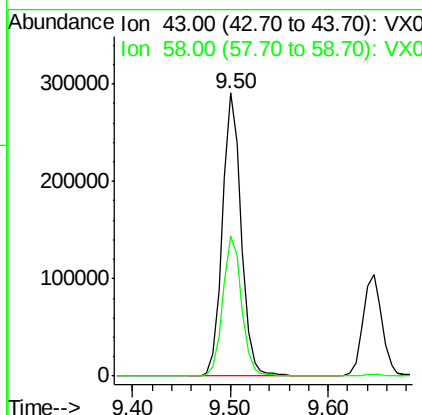
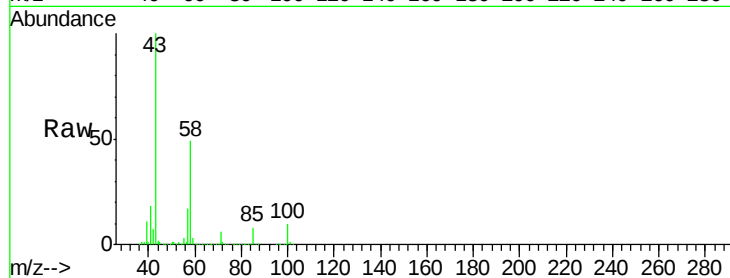
#59
2-Hexanone
Concen: 104.666 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD01

Tgt Ion: 43 Resp: 386120
Ion Ratio Lower Upper
43 100
58 49.6 24.6 73.6

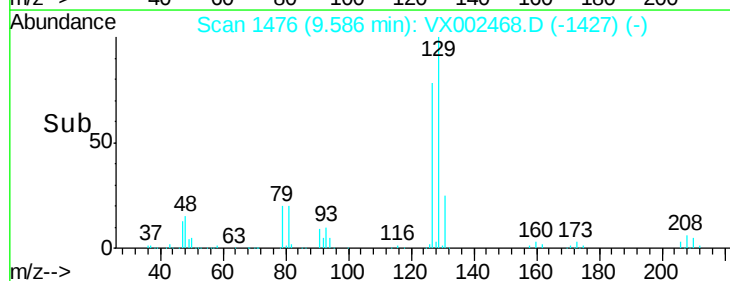
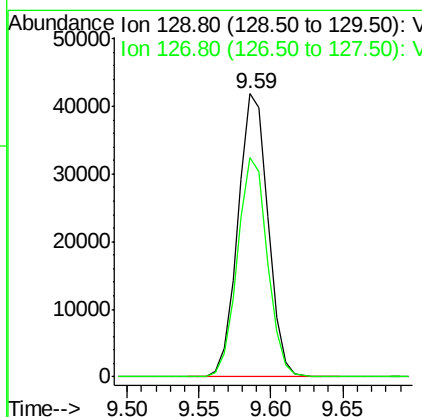
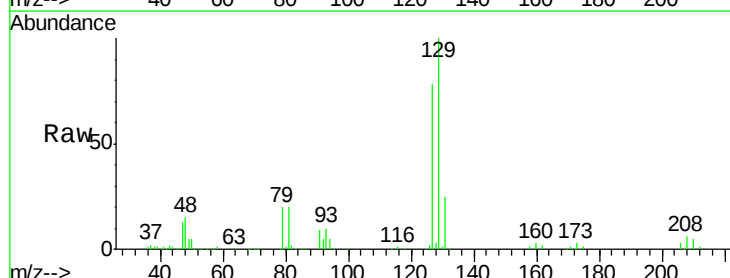
Manual Integrations
APPROVED

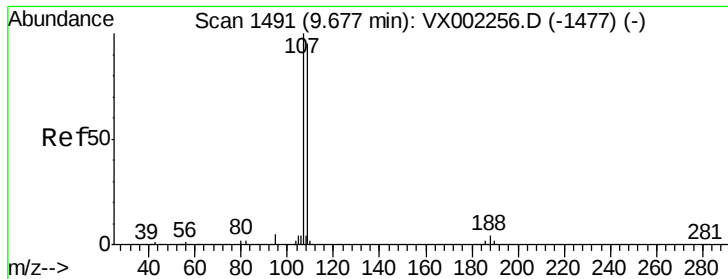
MMDadoda
6/13/2018 1:59:36 PM



#60
Dibromochloromethane
Concen: 20.058 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Tgt Ion: 129 Resp: 60758
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.577 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD01

Tgt Ion: 107 Resp: 64611

Ion Ratio Lower Upper

107 100

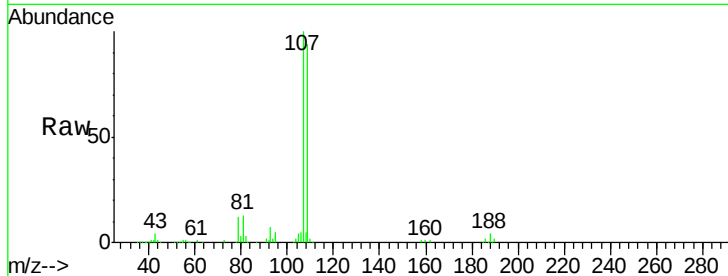
109 95.9 75.3 112.9

Manual Integrations

APPROVED

MMDadoda

6/13/2018 1:59:36 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

50000

40000

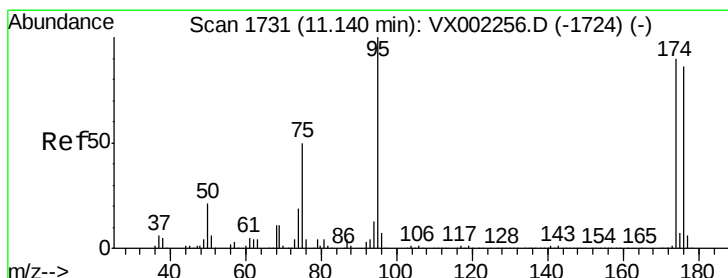
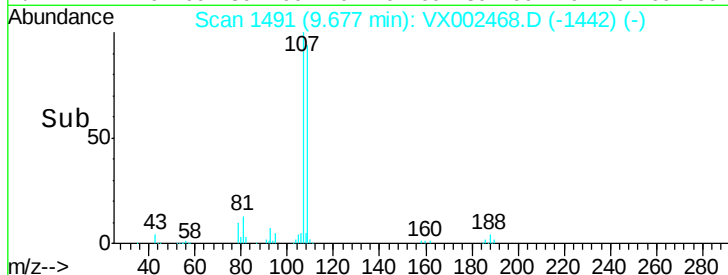
30000

20000

10000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.857 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

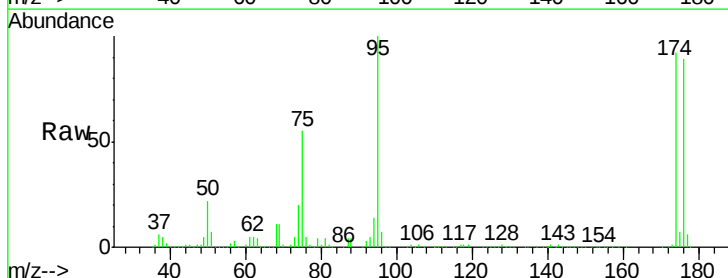
Tgt Ion: 95 Resp: 190365

Ion Ratio Lower Upper

95 100

174 95.2 0.0 187.4

176 92.0 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

200000

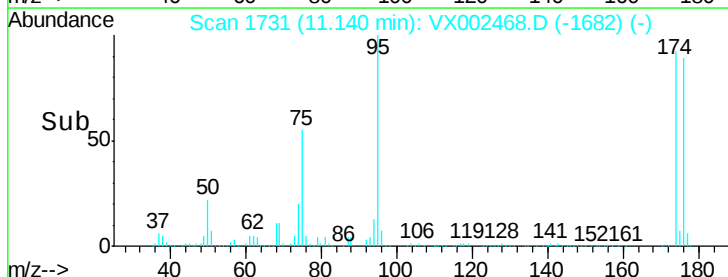
150000

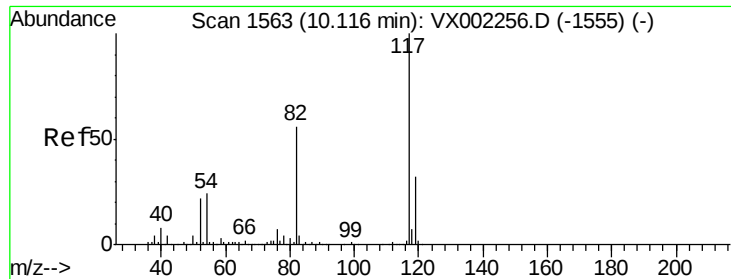
100000

50000

0

Time-->





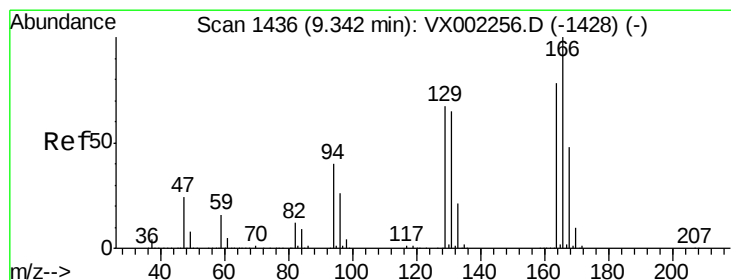
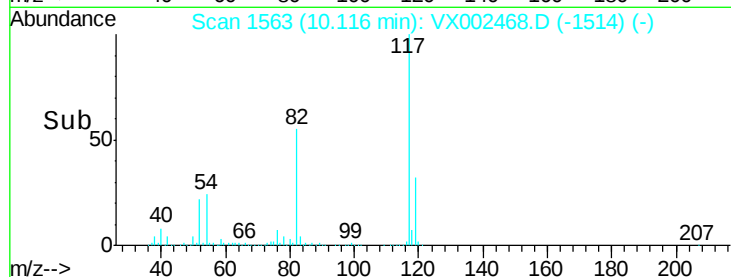
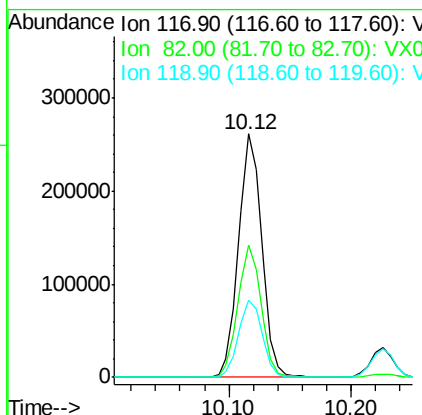
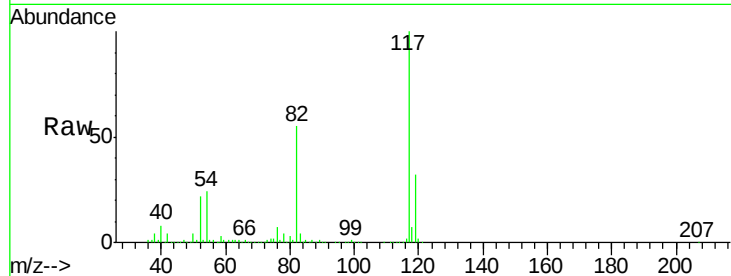
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Instrument :
MSVOA_X
ClientSampled :
VX0612WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	343363		
82	54.6	45.0	67.4	
119	31.9	25.8	38.6	

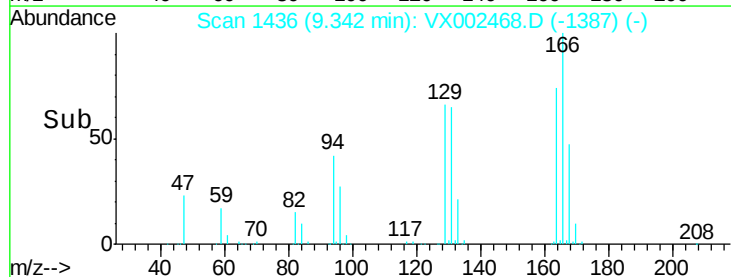
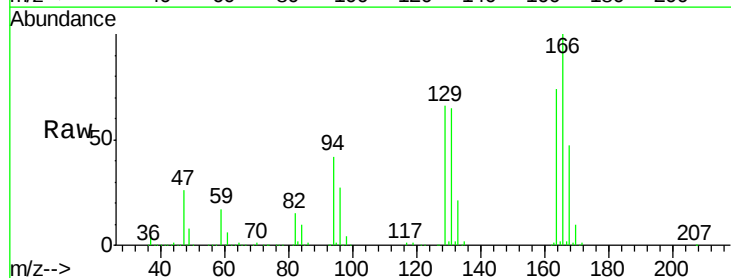
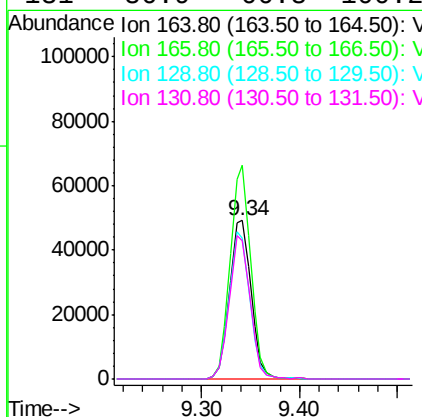
Manual Integrations
APPROVED

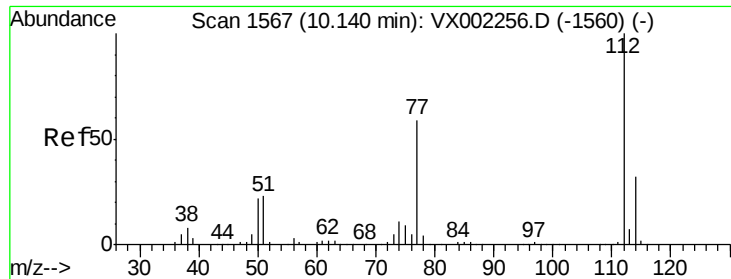
MMDadoda
6/13/2018 1:59:36 PM



#64
Tetrachloroethene
Concen: 21.378 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	75703		
166	134.6	102.9	154.3	
129	88.5	68.6	102.8	
131	86.9	66.8	100.2	





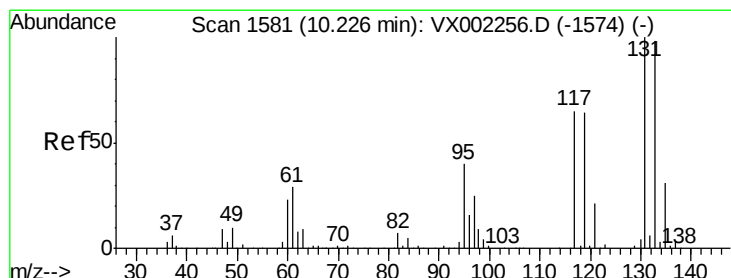
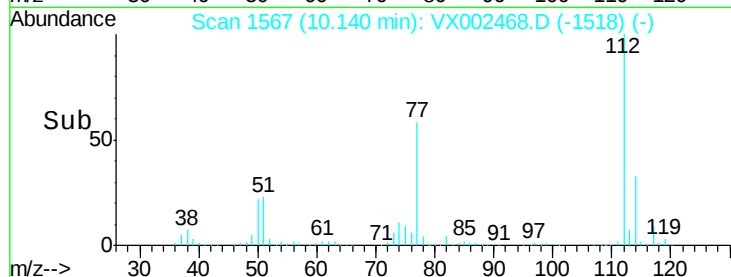
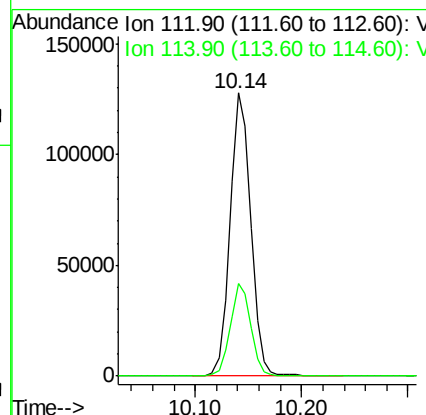
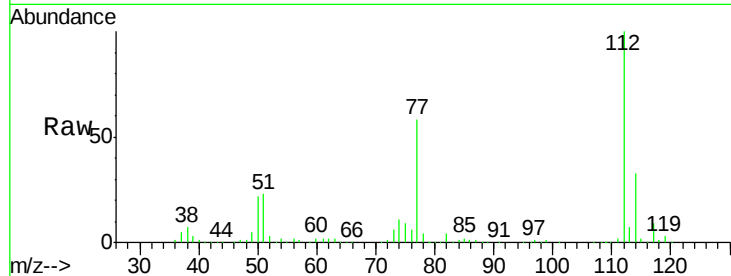
#65
Chlorobenzene
Concen: 20.463 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD01

Tgt Ion:112 Resp: 174829
Ion Ratio Lower Upper
112 100
114 32.6 25.3 37.9

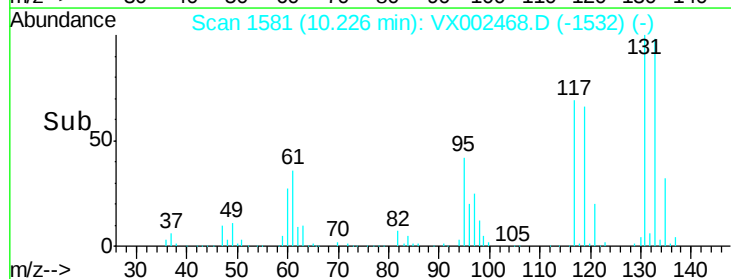
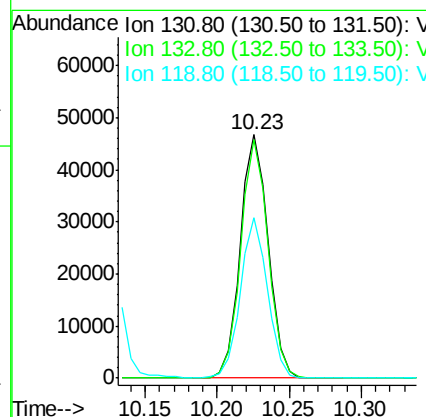
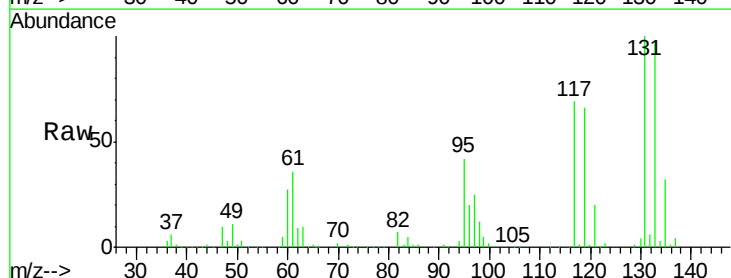
Manual Integrations
APPROVED

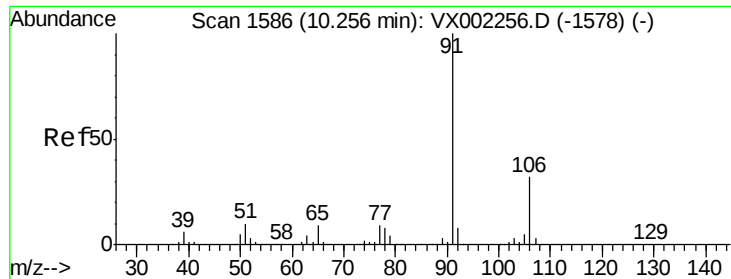
MMDadoda
6/13/2018 1:59:36 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.339 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Tgt Ion:131 Resp: 62920
Ion Ratio Lower Upper
131 100
133 96.1 47.9 143.6
119 64.2 31.8 95.3





#67

Ethyl Benzene

Concen: 21.044 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD01

Tgt Ion: 91 Resp: 300888

Ion Ratio Lower Upper

91 100

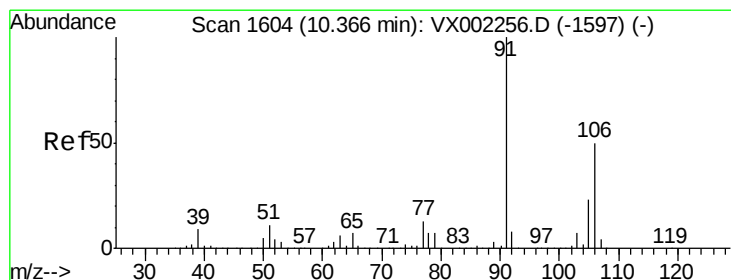
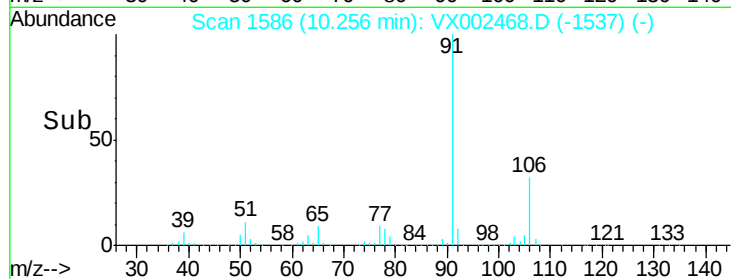
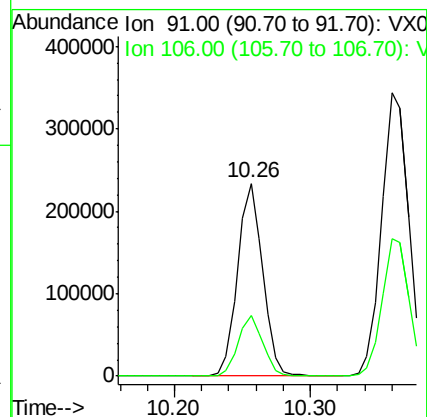
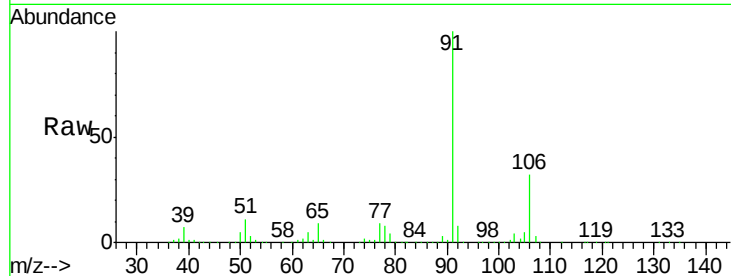
106 31.6 25.5 38.3

Manual Integrations

APPROVED

MMDadoda

6/13/2018 1:59:36 PM



#68

m/p-Xylenes

Concen: 41.411 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX002468.D

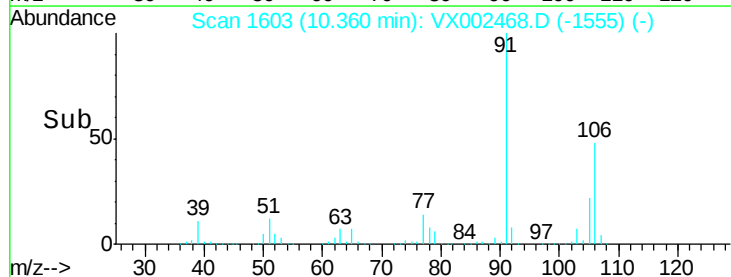
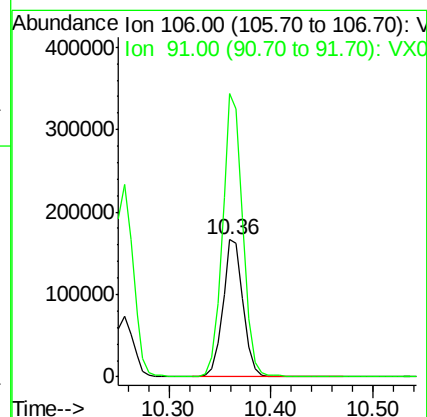
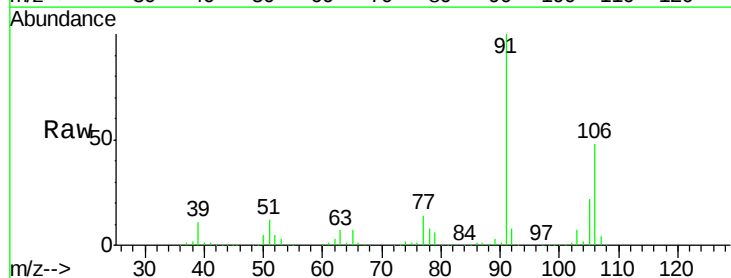
Acq: 12 Jun 2018 15:58

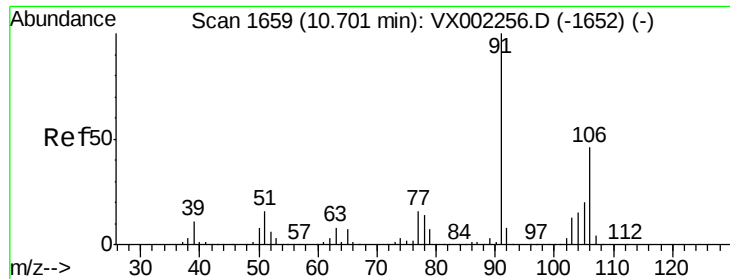
Tgt Ion: 106 Resp: 230166

Ion Ratio Lower Upper

106 100

91 206.9 163.4 245.2





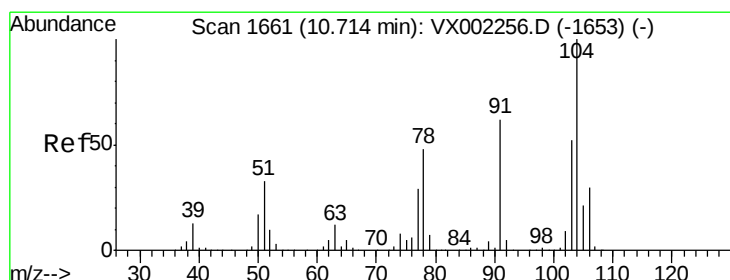
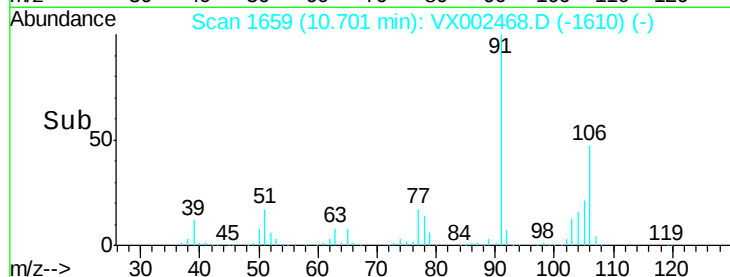
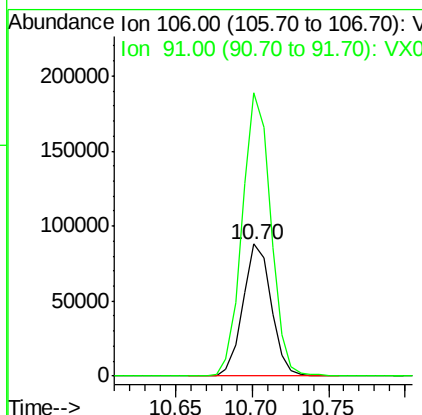
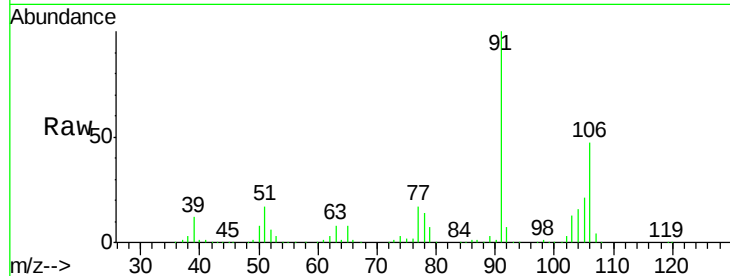
#69
o-Xylene
Concen: 20.449 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD01

Tgt Ion:106 Resp: 113105
Ion Ratio Lower Upper
106 100
91 217.1 108.2 324.6

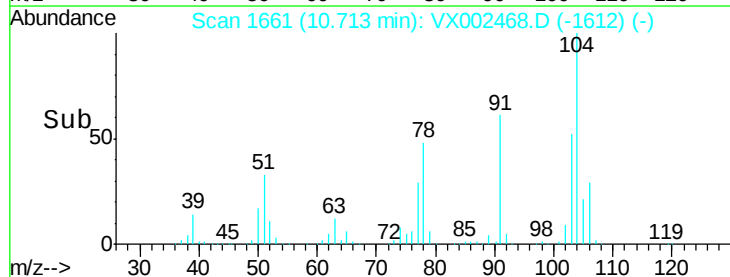
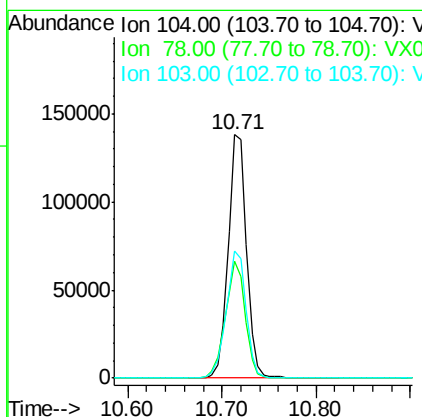
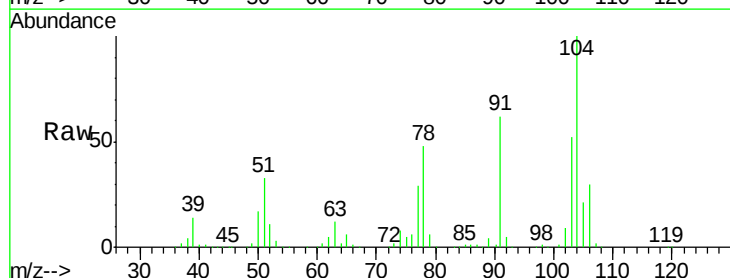
Manual Integrations
APPROVED

MMDadoda
6/13/2018 1:59:36 PM



#70
Styrene
Concen: 20.663 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Tgt Ion:104 Resp: 186840
Ion Ratio Lower Upper
104 100
78 51.8 41.0 61.6
103 56.4 44.2 66.4





#71

Bromoform

Concen: 18.506 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Instrument :

MSVOA_X

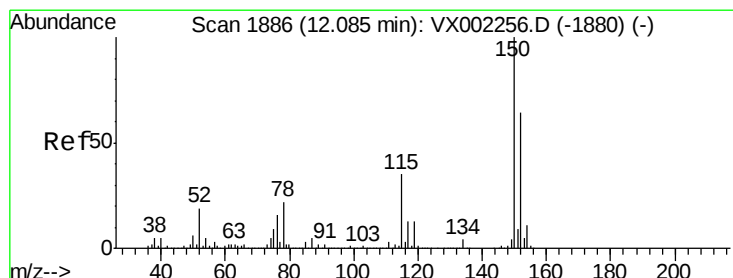
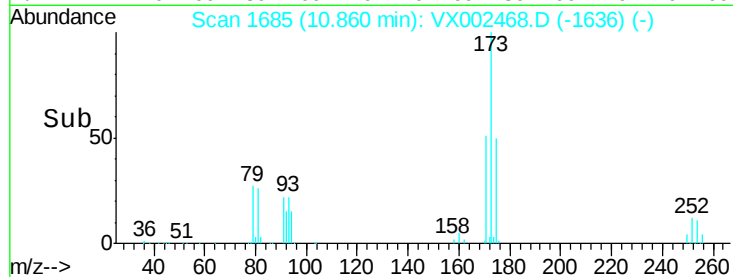
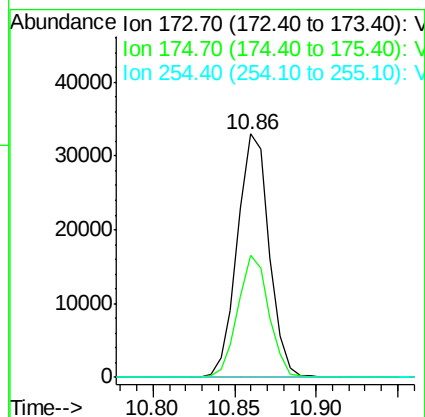
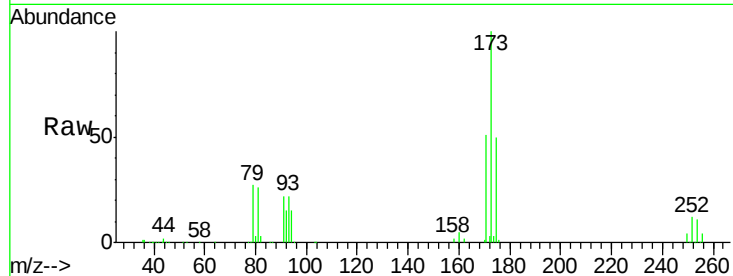
ClientSampleId :

VX0612WBSD01

Tgt Ion:173 Resp: 44791
 Ion Ratio Lower Upper
 173 100
 175 49.1 24.7 74.1
 254 0.2 0.2 0.2

Manual Integrations
 APPROVED

MMDadoda
 6/13/2018 1:59:36 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

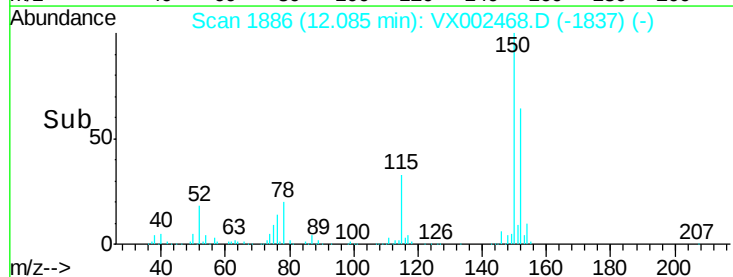
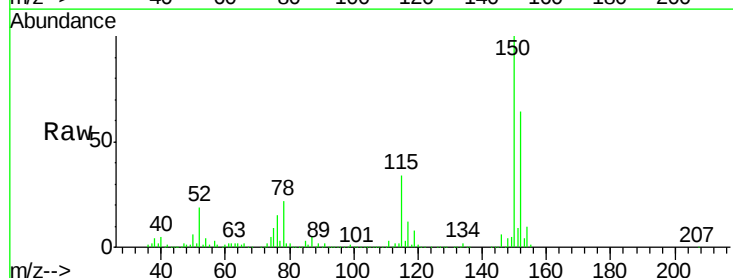
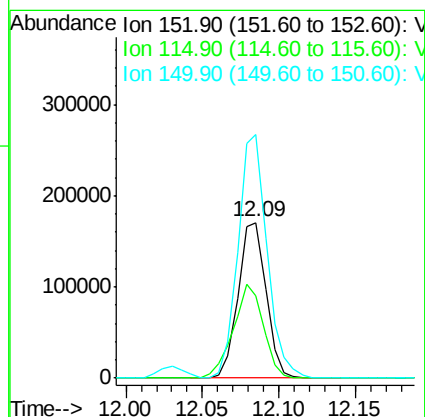
RT: 12.09 min Scan# 1886

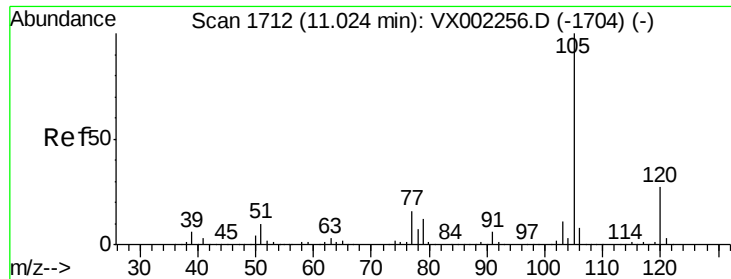
Delta R.T. -0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Tgt Ion:152 Resp: 215653
 Ion Ratio Lower Upper
 152 100
 115 65.3 40.1 120.2
 150 162.9 0.0 347.2





#73

Isopropylbenzene

Concen: 20.863 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD01

Tgt Ion: 105 Resp: 312980

Ion Ratio Lower Upper

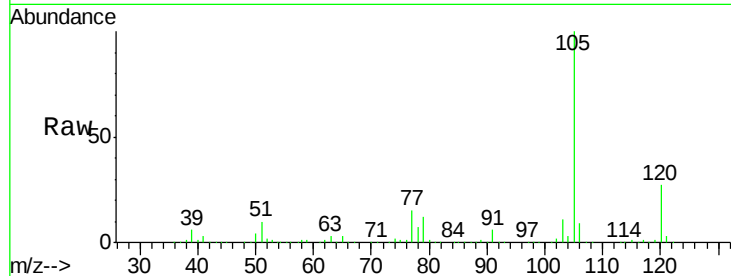
105 100

120 26.5 13.5 40.4

Manual Integrations
APPROVED

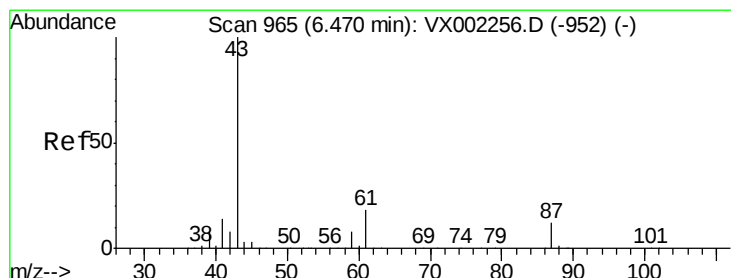
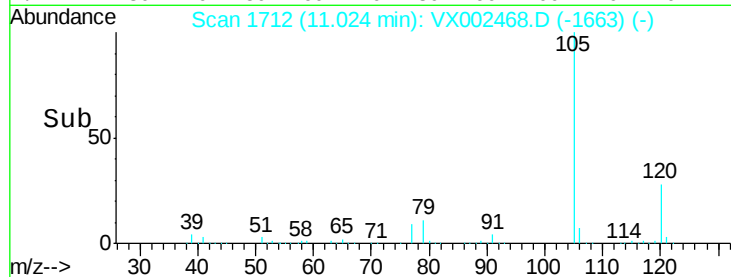
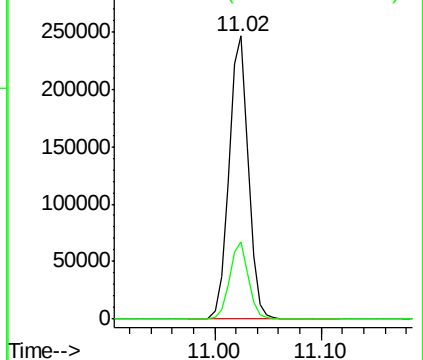
MMDadoda

6/13/2018 1:59:36 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: 18.660 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Tgt Ion: 43 Resp: 150841

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.1 0.0 0.0#

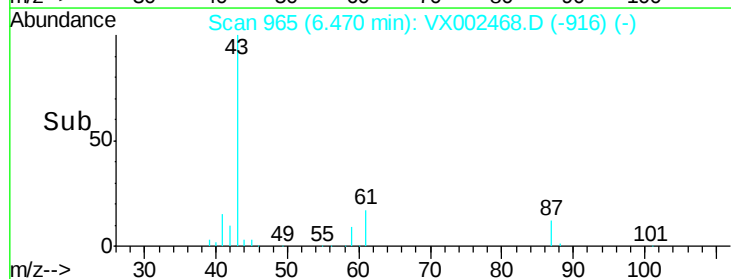
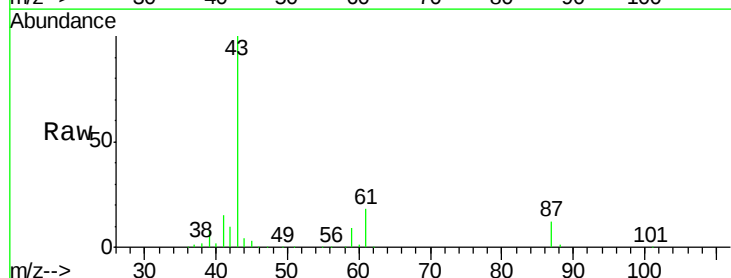
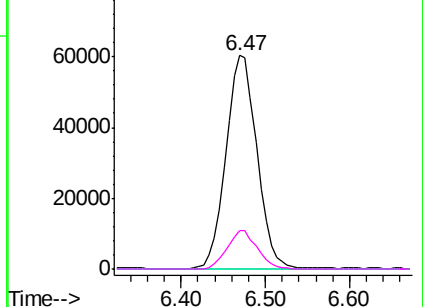
61 17.6 14.4 21.6

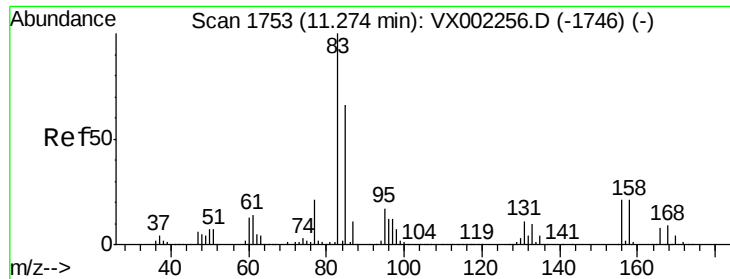
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.131 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Instrument :

MSVOA_X

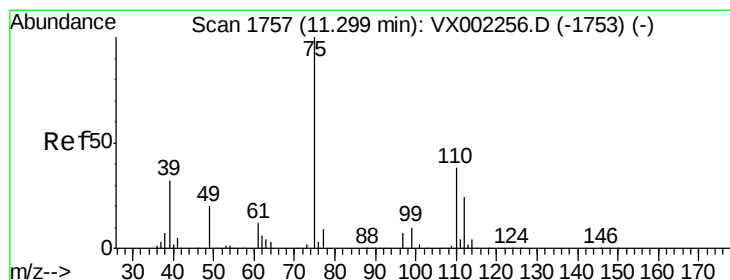
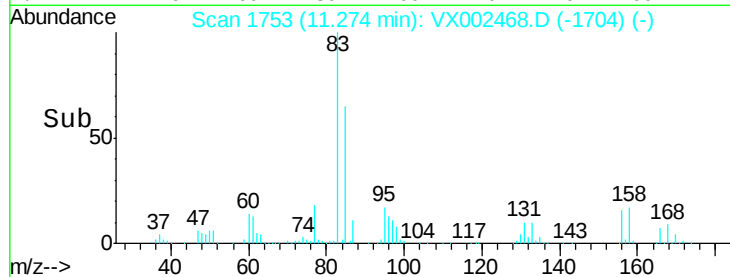
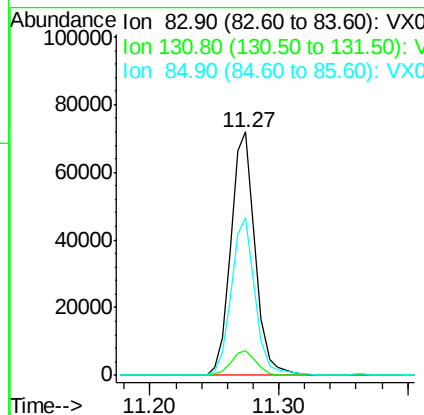
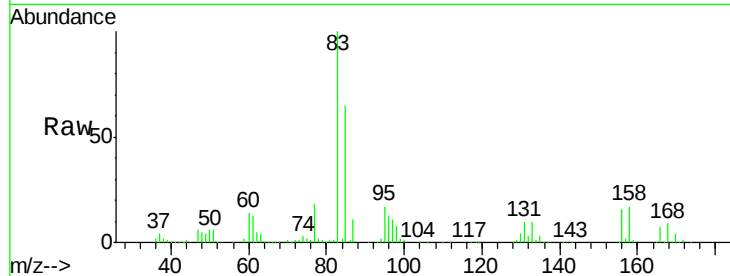
ClientSampleId :

VX0612WBSD01

Tgt Ion:	83	Resp:	94982
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.6	16.8
85	63.9	32.4	97.2

Manual Integrations
APPROVED

MMDadoda
6/13/2018 1:59:36 PM



#76

1,2,3-Trichloropropane

Concen: 19.778 ug/l m

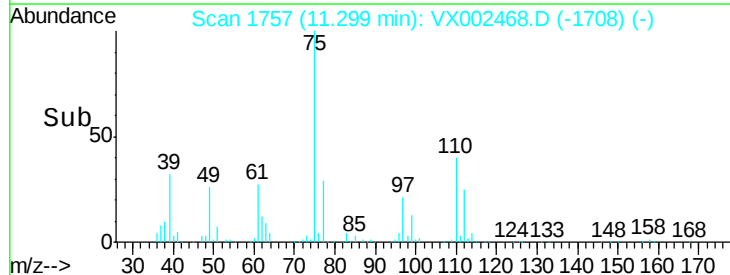
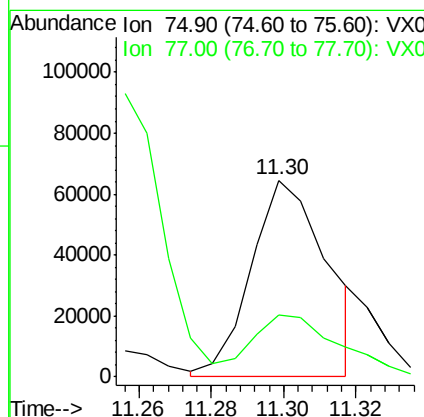
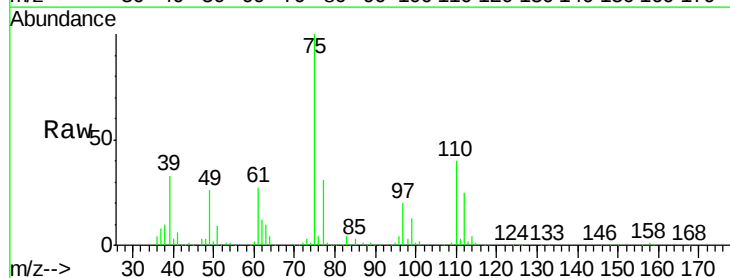
RT: 11.30 min Scan# 1757

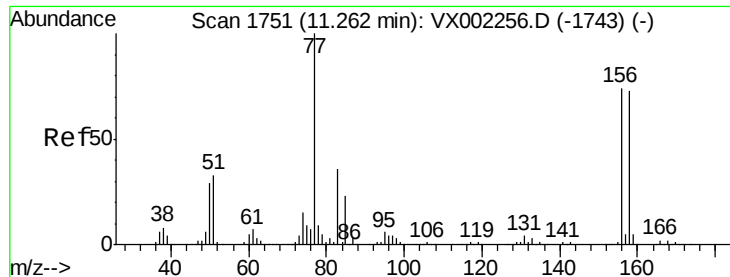
Delta R.T. -0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Tgt Ion:	75	Resp:	93591
Ion Ratio	Lower	Upper	
75	100		
77	36.8	22.8	68.3





#77

Bromobenzene

Concen: 19.738 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Instrument :

MSVOA_X

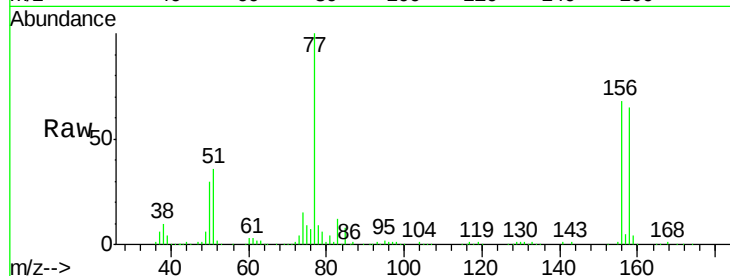
ClientSampleId :

VX0612WBSD01

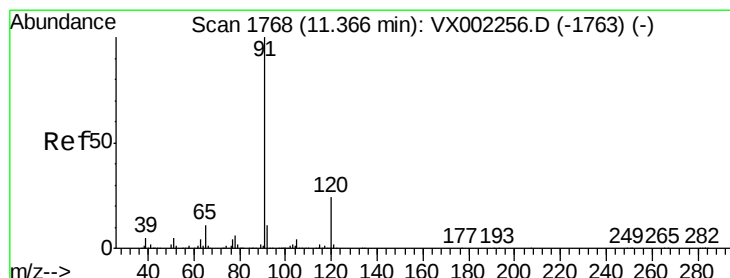
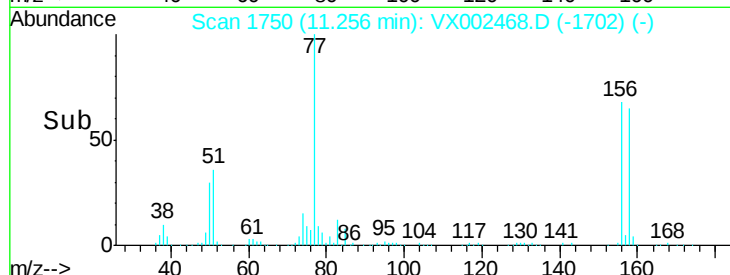
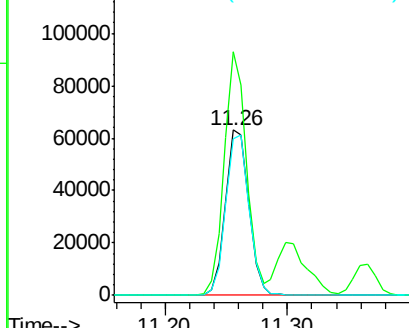
Tgt Ion:	156	Resp:	83130
Ion Ratio	Lower	Upper	
156	100		
77	140.7	71.4	214.2
158	97.7	48.9	146.6

Manual Integrations
APPROVED

MMDadoda
6/13/2018 1:59:36 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: 21.473 ug/l

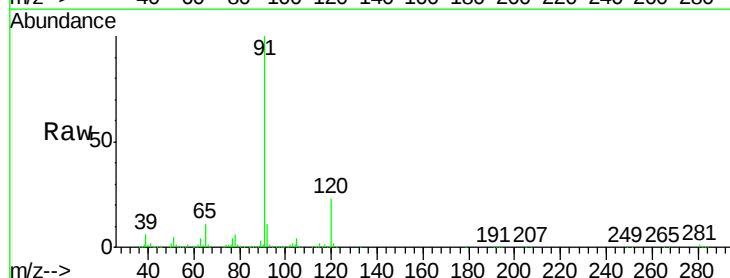
RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

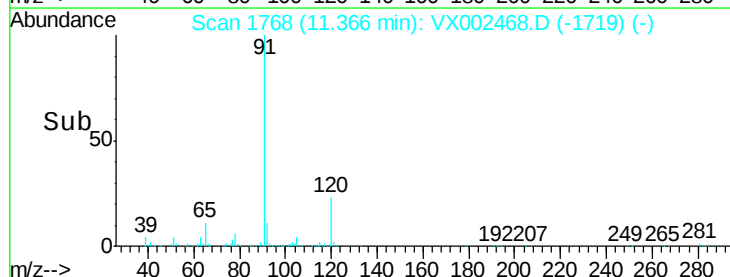
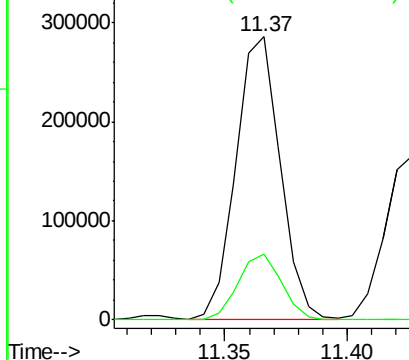
Lab File: VX002468.D

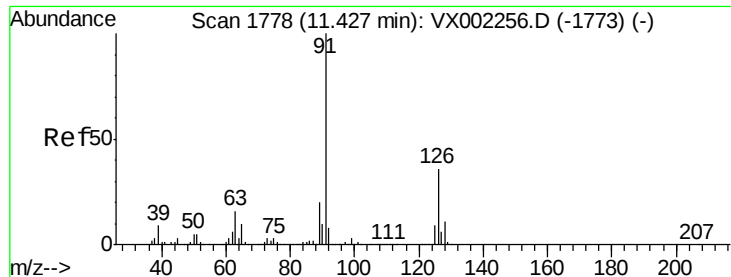
Acq: 12 Jun 2018 15:58

Tgt Ion:	91	Resp:	358049
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.8	35.4



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





#79

2-Chlorotoluene

Concen: 19.977 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Instrument :

MSVOA_X

ClientSampleId :

VX0612WBSD01

Tgt Ion: 91 Resp: 210330

Ion Ratio Lower Upper

91 100

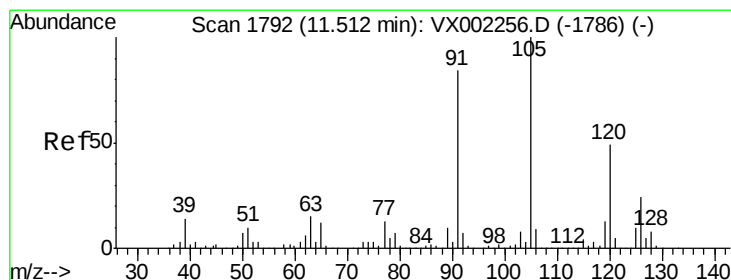
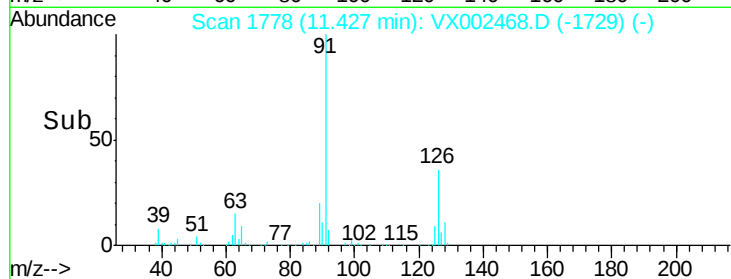
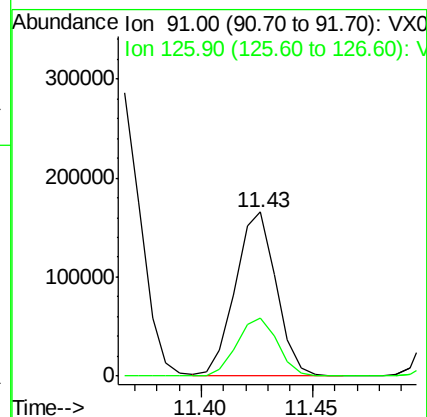
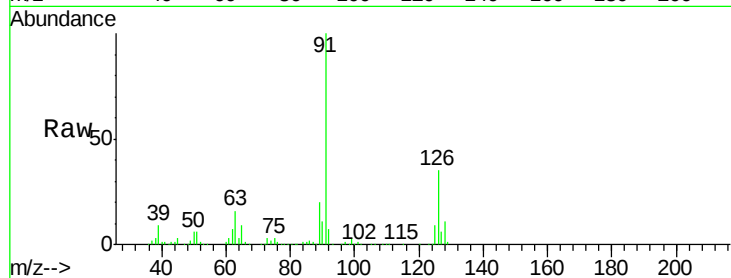
126 35.6 17.7 53.1

Manual Integrations

APPROVED

MMDadoda

6/13/2018 1:59:36 PM



#80

1,3,5-Trimethylbenzene

Concen: 20.738 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002468.D

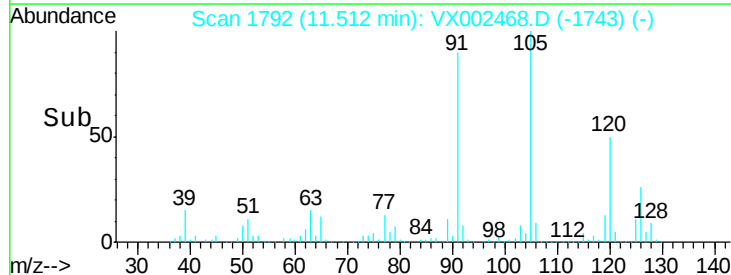
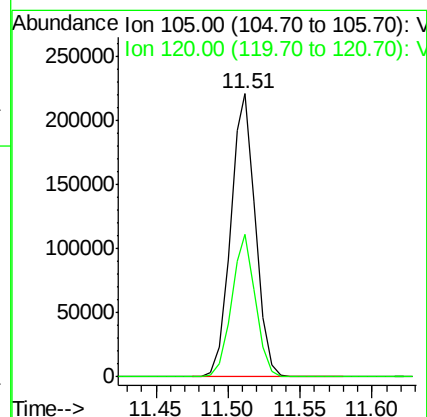
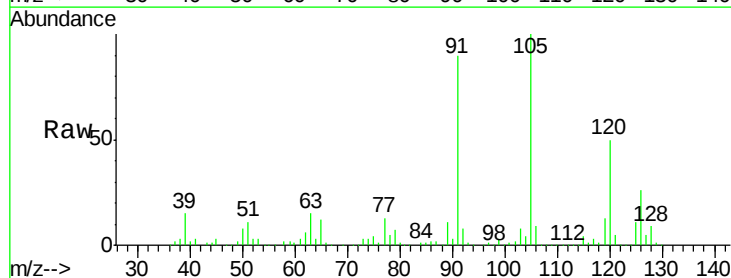
Acq: 12 Jun 2018 15:58

Tgt Ion: 105 Resp: 266842

Ion Ratio Lower Upper

105 100

120 48.5 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 16.466 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Instrument :

MSVOA_X

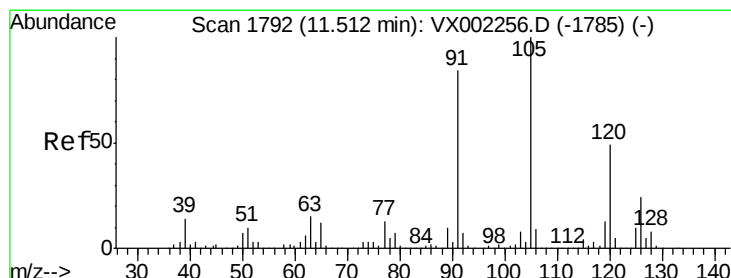
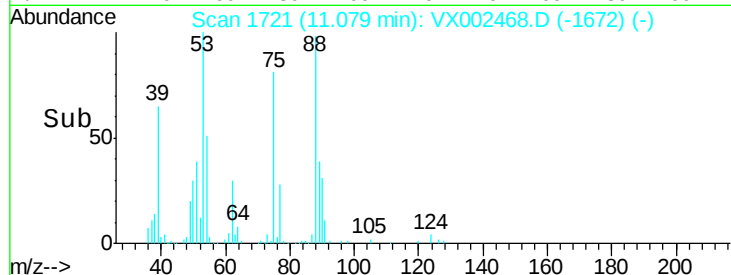
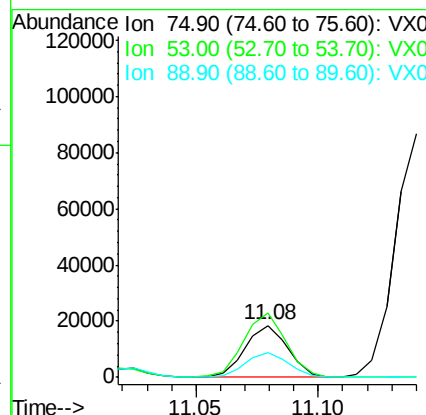
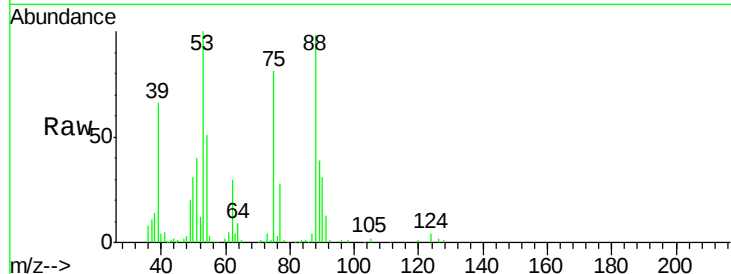
ClientSampleId :

VX0612WBSD01

Tgt Ion:	75	Resp:	22228
Ion Ratio	Lower	Upper	
75	100		
53	123.9	86.8	130.2
89	48.8	38.2	57.2

Manual Integrations
APPROVED

MMDadoda
6/13/2018 1:59:36 PM



#82

4-Chlorotoluene

Concen: 20.492 ug/l

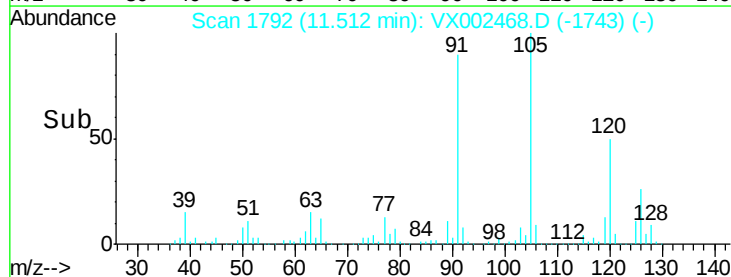
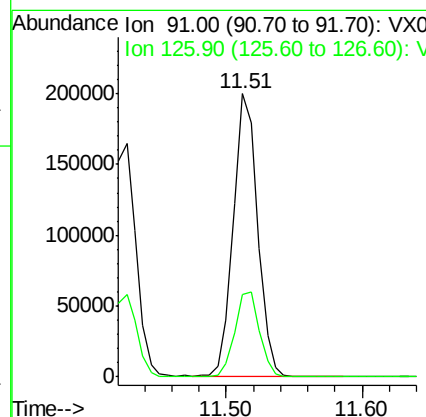
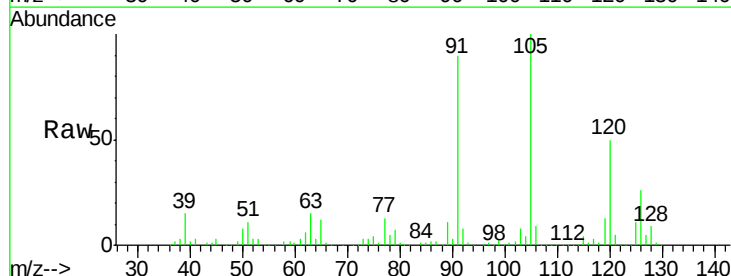
RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Tgt Ion:	91	Resp:	249032
Ion Ratio	Lower	Upper	
91	100		
126	30.9	15.4	46.4





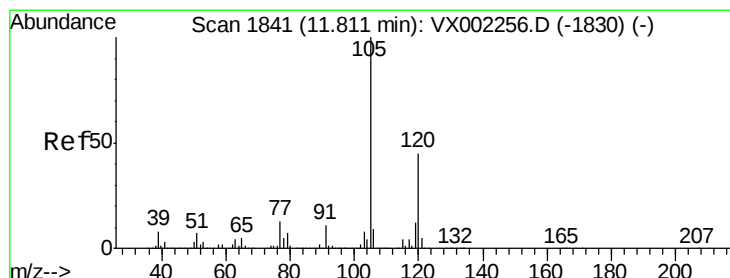
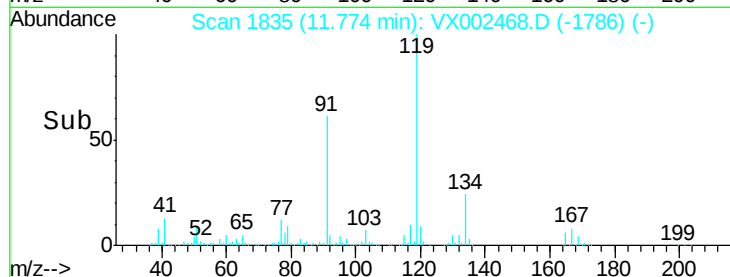
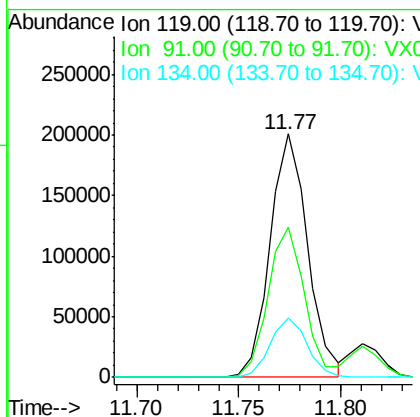
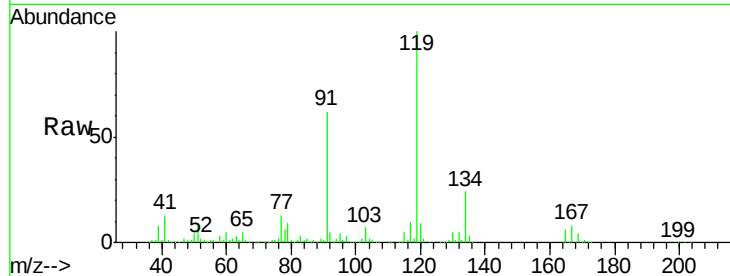
#83
 tert-Butylbenzene
 Concen: 20.591 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002468.D
 Acq: 12 Jun 2018 15:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	258002		
91	60.6	30.3	90.9	
134	24.1	11.7	35.1	

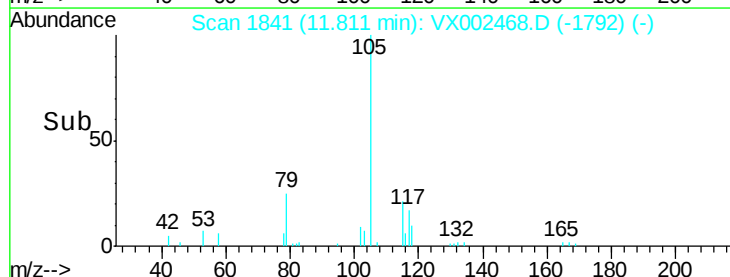
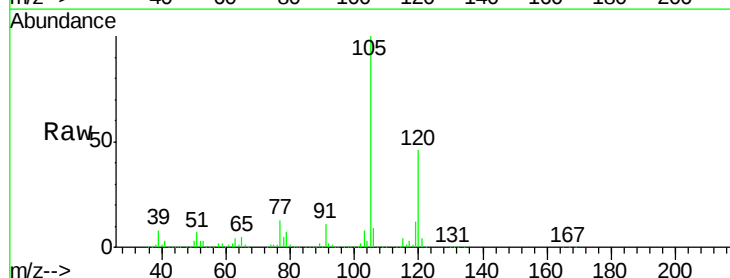
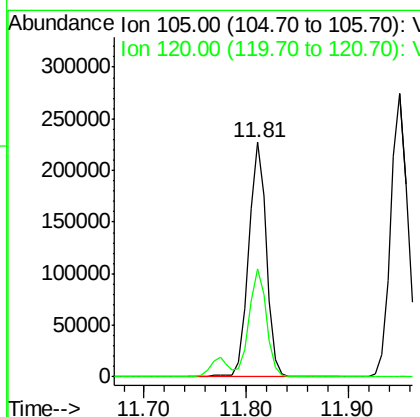
Manual Integrations
 APPROVED

MMDadoda
 6/13/2018 1:59:36 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 20.636 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002468.D
 Acq: 12 Jun 2018 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	273331		
120	45.5	22.3	66.8	





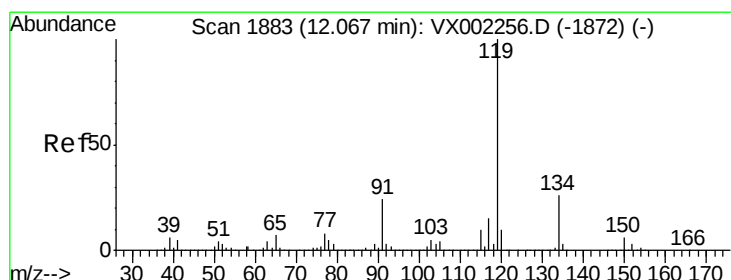
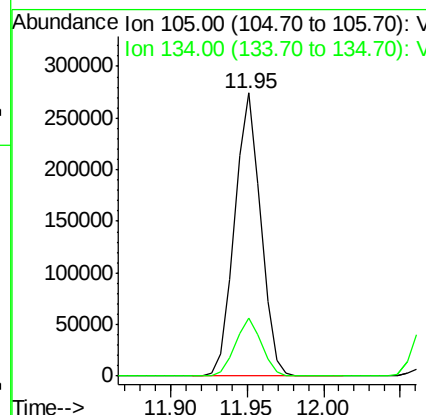
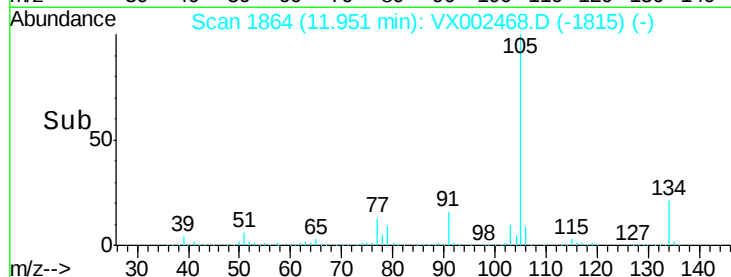
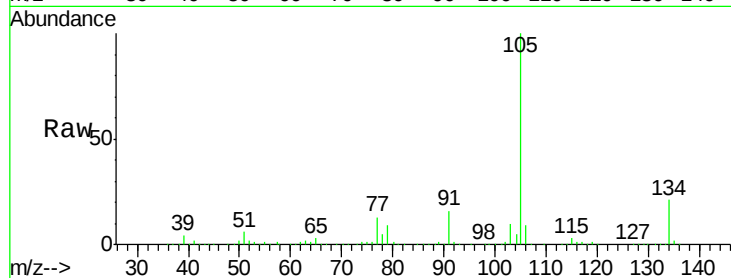
#85
 sec-Butylbenzene
 Concen: 22.081 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002468.D
 Acq: 12 Jun 2018 15:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBSD01

Tgt Ion:105 Resp: 324354
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.1

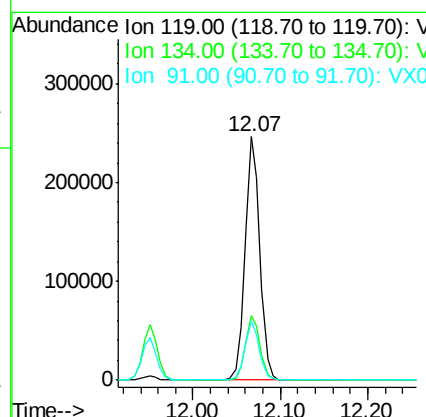
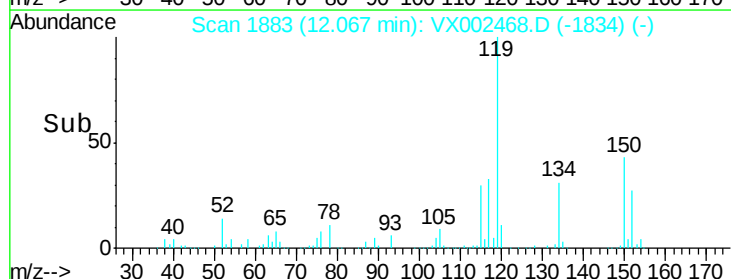
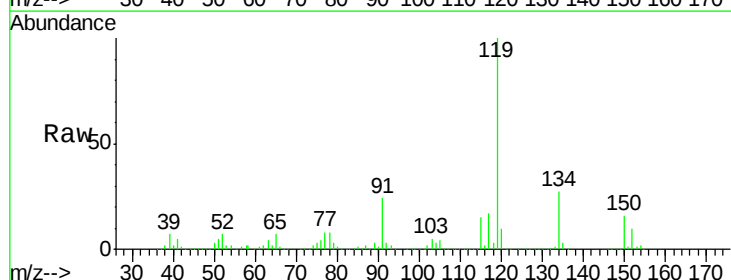
Manual Integrations
 APPROVED

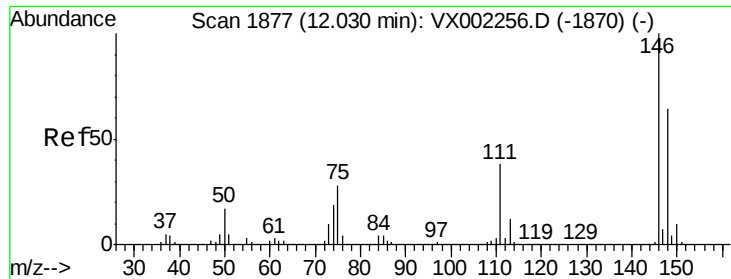
MMDadoda
 6/13/2018 1:59:36 PM



#86
 p-Isopropyltoluene
 Concen: 21.715 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX002468.D
 Acq: 12 Jun 2018 15:58

Tgt Ion:119 Resp: 290544
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.4 40.1
 91 23.9 11.9 35.7





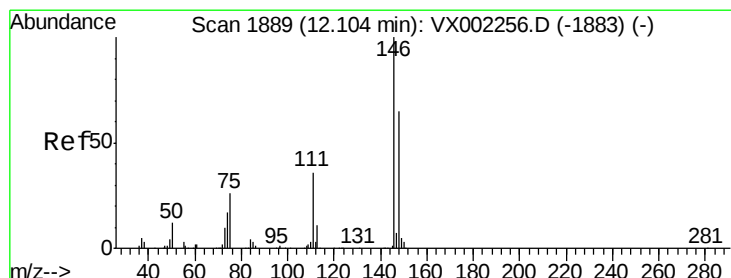
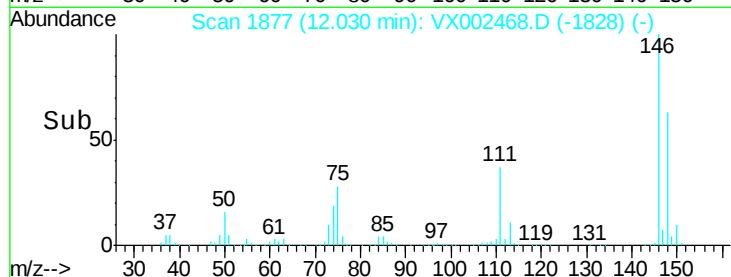
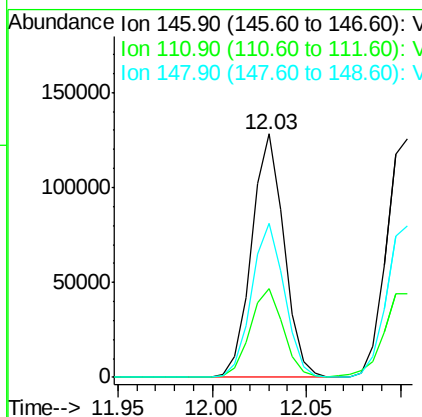
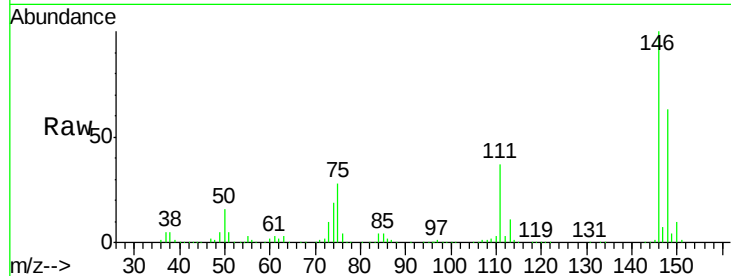
#87
 1,3-Dichlorobenzene
 Concen: 20.302 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002468.D
 Acq: 12 Jun 2018 15:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBSD01

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

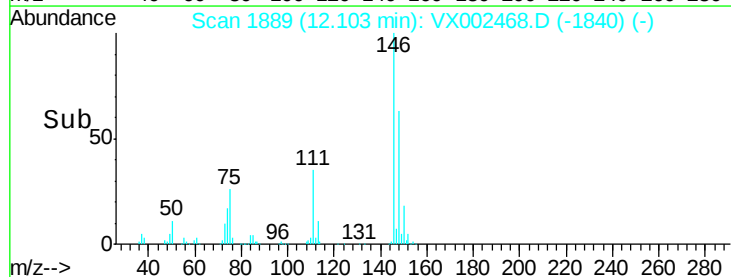
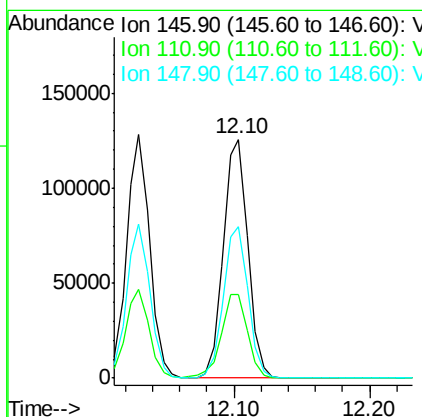
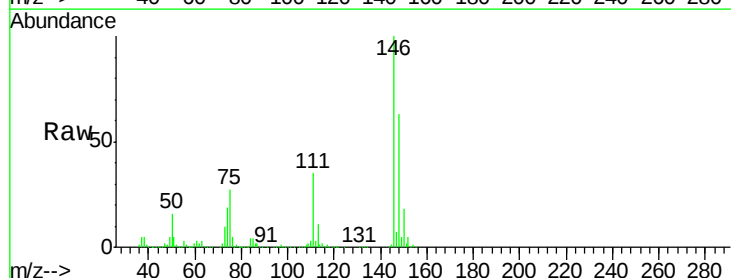
Manual Integrations
 APPROVED

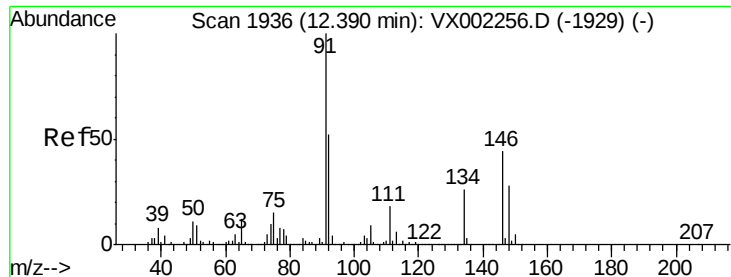
MMDadoda
 6/13/2018 1:59:36 PM



#88
 1,4-Dichlorobenzene
 Concen: 20.210 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002468.D
 Acq: 12 Jun 2018 15:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.7	56.1
148	63.8	32.4	97.0





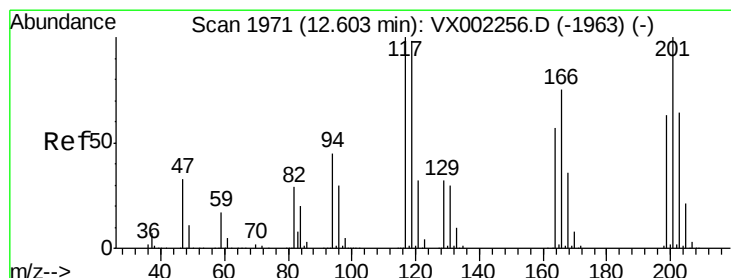
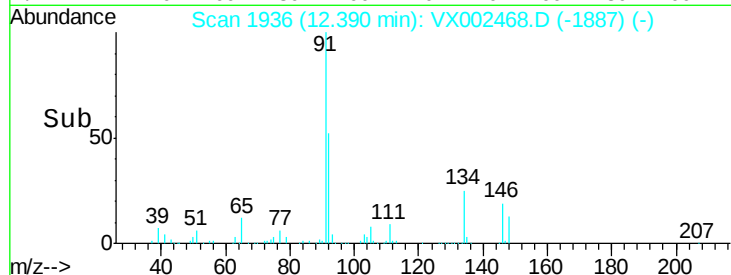
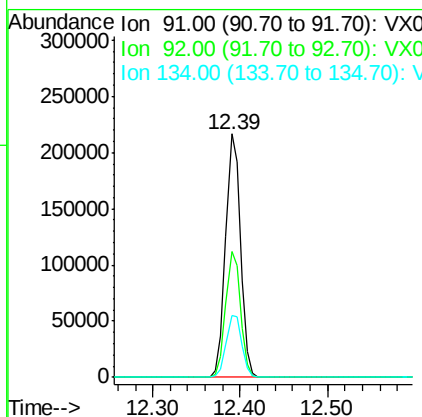
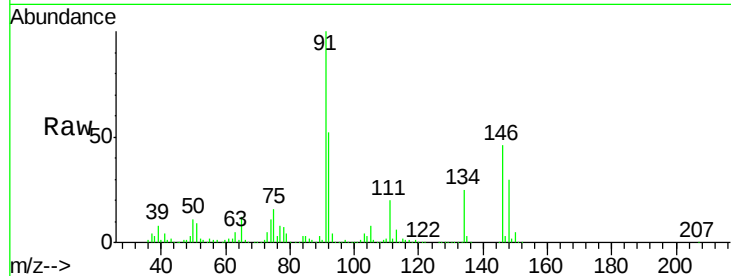
#89
n-Butylbenzene
Concen: 22.590 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.0	78.0
134	26.6	13.5	40.5

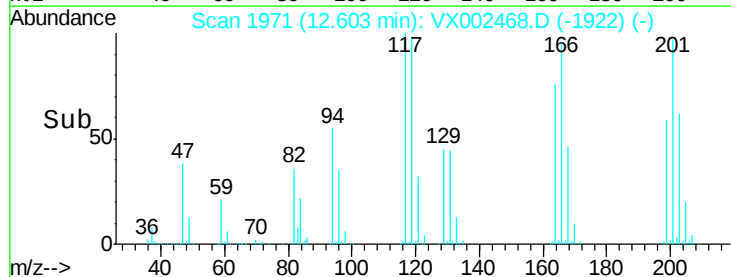
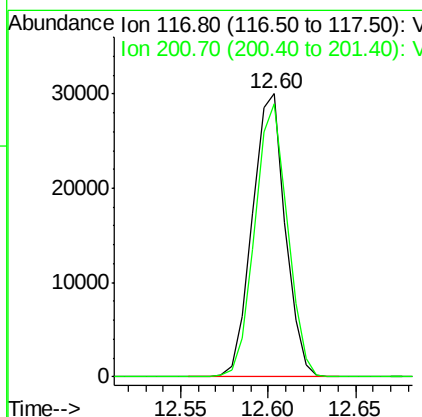
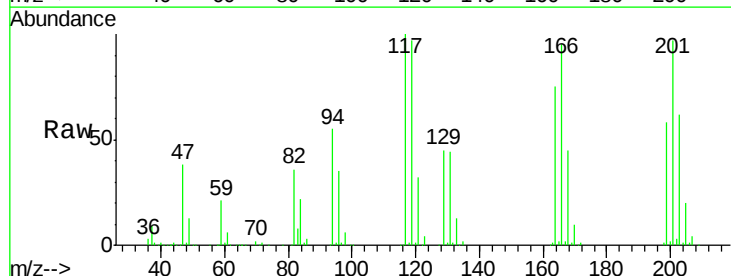
Manual Integrations
APPROVED

MMDadoda
6/13/2018 1:59:36 PM



#90
Hexachloroethane
Concen: 18.437 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.3	49.0	147.0





#91

1,2-Dichlorobenzene

Concen: 20.195 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Instrument :

MSVOA_X

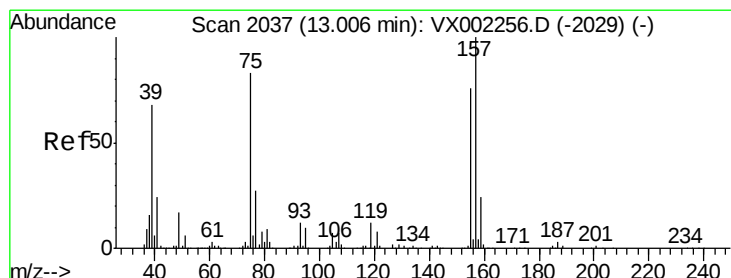
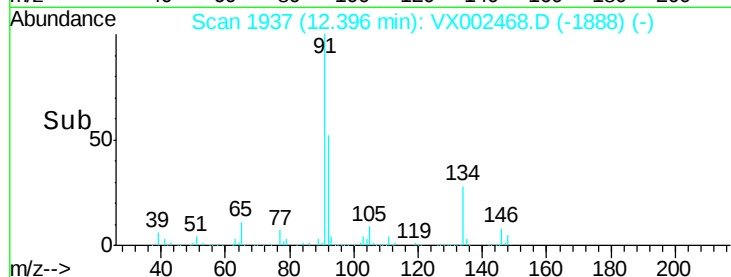
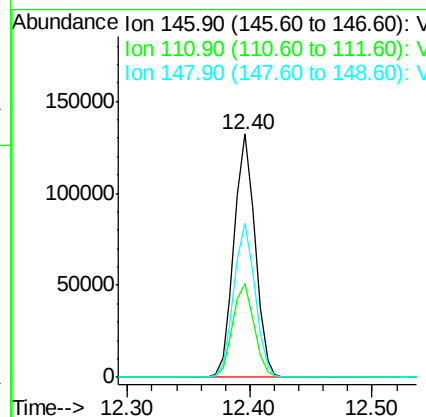
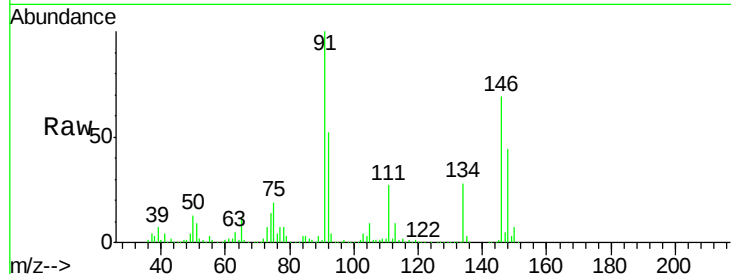
ClientSampleId :

VX0612WBSD01

Tgt Ion:	146	Resp:	157351
Ion Ratio	Lower	Upper	
146	100		
111	39.1	19.4	58.1
148	64.1	31.7	95.1

Manual Integrations
APPROVED

MMDadoda
6/13/2018 1:59:36 PM



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.387 ug/l

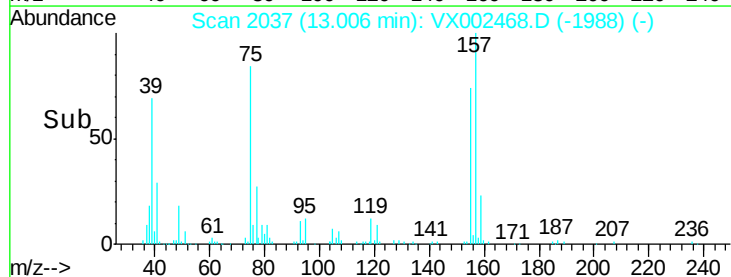
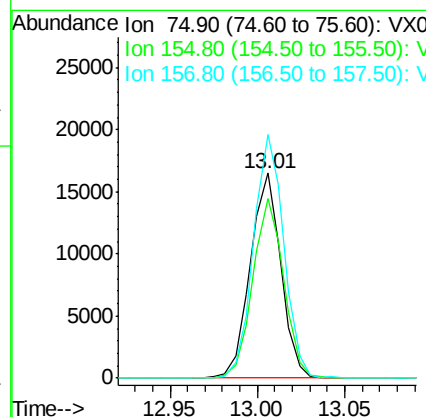
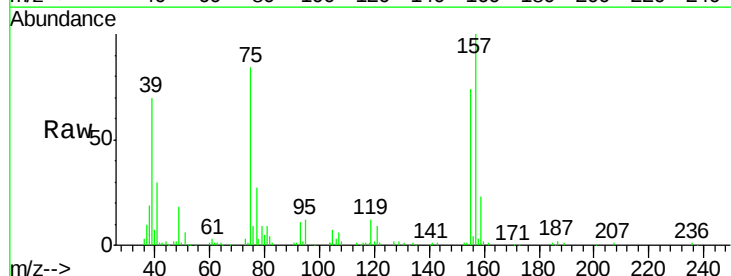
RT: 13.01 min Scan# 2037

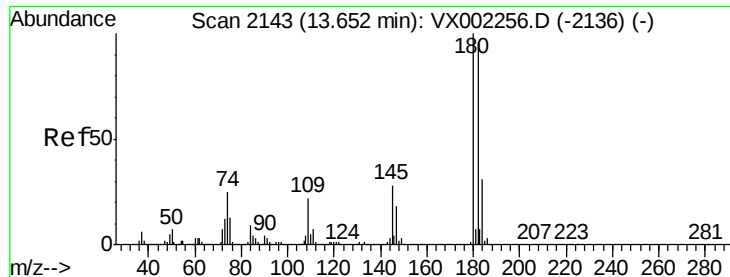
Delta R.T. -0.00 min

Lab File: VX002468.D

Acq: 12 Jun 2018 15:58

Tgt Ion:	75	Resp:	20004
Ion Ratio	Lower	Upper	
75	100		
155	88.1	45.8	137.4
157	117.8	60.1	180.3





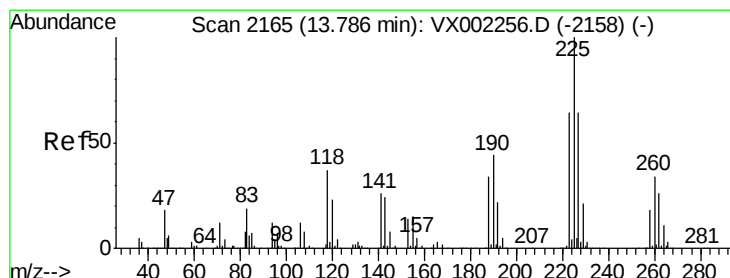
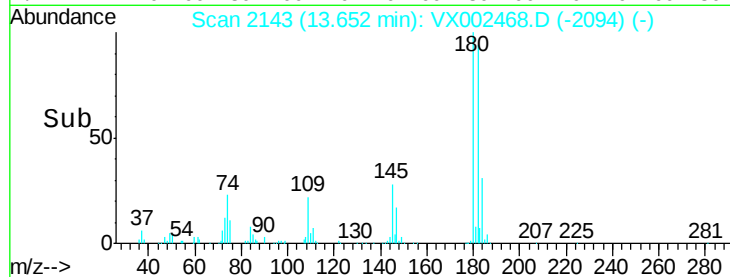
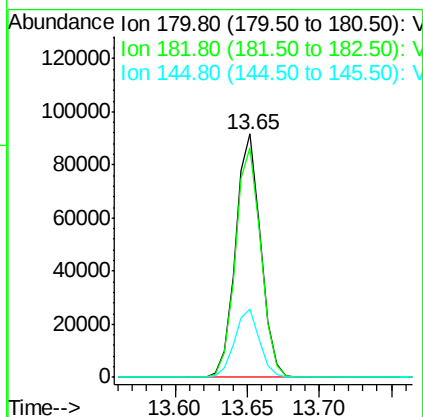
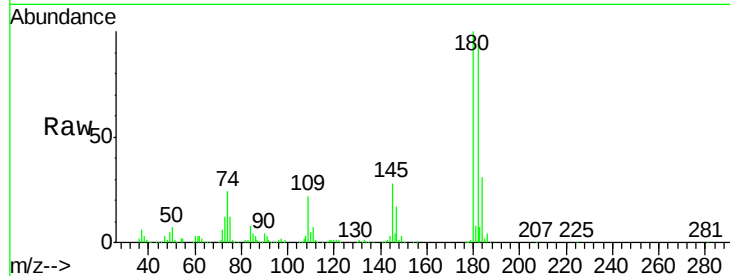
#93
 1,2,4-Trichlorobenzene
 Concen: 20.386 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002468.D
 Acq: 12 Jun 2018 15:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	111375		
182	95.5	47.7	143.1	
145	28.3	14.1	42.4	

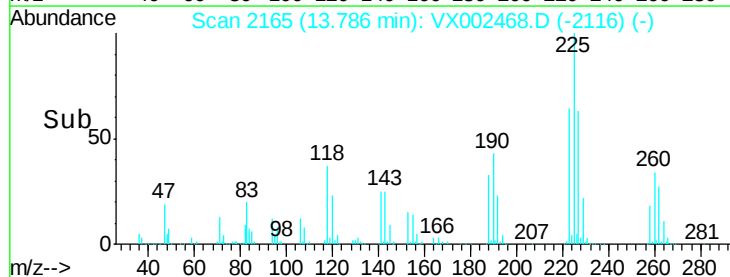
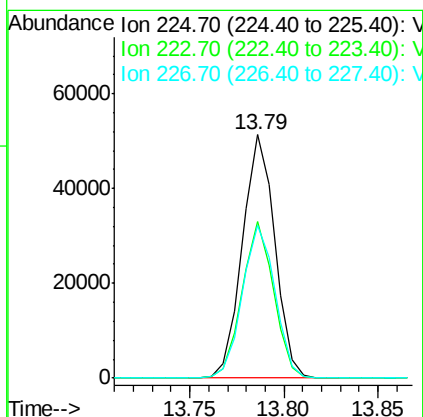
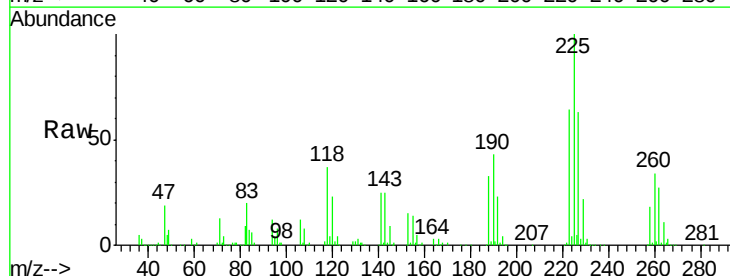
Manual Integrations
 APPROVED

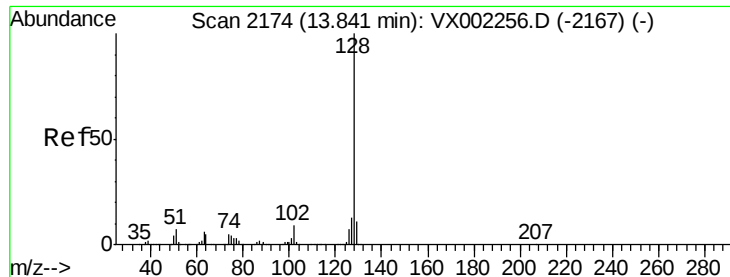
MMDadoda
 6/13/2018 1:59:36 PM



#94
 Hexachlorobutadiene
 Concen: 22.720 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002468.D
 Acq: 12 Jun 2018 15:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	61337		
223	62.5	31.6	95.0	
227	63.2	32.4	97.2	





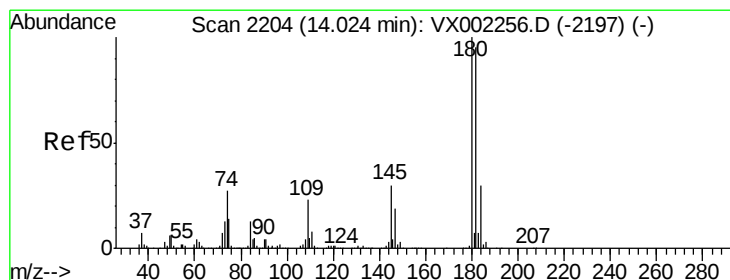
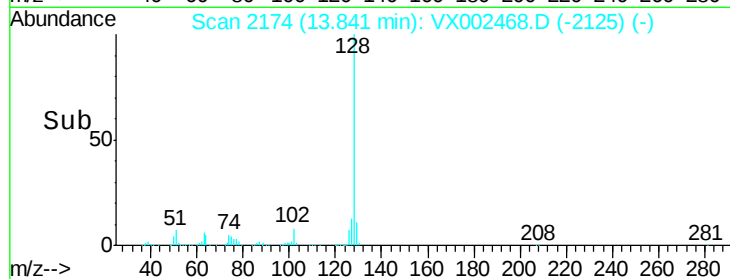
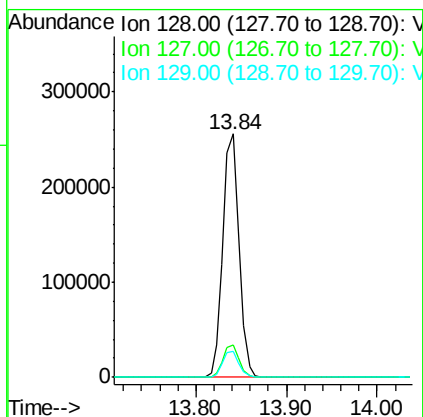
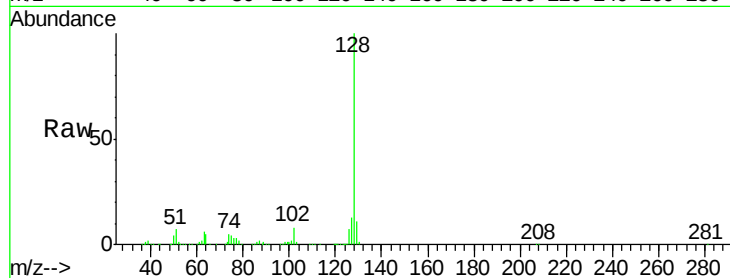
#95
Naphthalene
Concen: 20.370 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Instrument :
MSVOA_X
ClientSampleId :
VX0612WBSD01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.7	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/13/2018 1:59:36 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.799 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002468.D
Acq: 12 Jun 2018 15:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.0	144.0
145	29.9	14.8	44.3

