

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041018\
 Data File : VX000759.D
 Acq On : 10 Apr 2018 20:20
 Operator : JC/MD
 Sample : VX0410WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/11/2018 11:20:48 AM

Quant Time: Apr 11 08:45:23 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	269755	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	362715	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	341078	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	228655	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	162937	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
35) Dibromofluoromethane	5.51	113	136769	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
50) Toluene-d8	8.73	98	502397	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
62) 4-Bromofluorobenzene	11.15	95	202446	47.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	59430	19.52	ug/l	100
3) Chloromethane	1.32	50	49228	18.86	ug/l	99
4) Vinyl Chloride	1.40	62	57565	19.60	ug/l	100
5) Bromomethane	1.64	94	29035	23.14	ug/l	96
6) Chloroethane	1.73	64	34742	19.52	ug/l	99
7) Trichlorofluoromethane	1.93	101	86102	19.43	ug/l	95
8) Diethyl Ether	2.19	74	32326	19.53	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	50216	19.22	ug/l	98
10) Methyl Iodide	2.52	142	26769	19.23	ug/l	100
11) Tert butyl alcohol	3.07	59	63298	104.82	ug/l	98
12) 1,1-Dichloroethene	2.38	96	47334	19.12	ug/l	96
13) Acrolein	2.30	56	26719	91.11	ug/l	99
14) Allyl chloride	2.73	41	87598	19.13	ug/l	99
15) Acrylonitrile	3.15	53	134082	104.14	ug/l	99
16) Acetone	2.45	43	120445	102.69	ug/l	100
17) Carbon Disulfide	2.57	76	139013	18.54	ug/l	99
18) Methyl Acetate	2.78	43	63068	20.78	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	165231	20.04	ug/l	99
20) Methylene Chloride	2.86	84	57838	21.20	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	51774	18.96	ug/l	98
22) Diisopropyl ether	3.89	45	172257	20.47	ug/l	97
23) Vinyl Acetate	3.83	43	766160	103.72	ug/l	98
24) 1,1-Dichloroethane	3.70	63	92813	19.66	ug/l	100
25) 2-Butanone	4.71	43	200748	103.64	ug/l	99
26) 2,2-Dichloropropane	4.59	77	85933	18.34	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	60516	19.53	ug/l	100
28) Bromochloromethane	5.03	49	38205	20.10	ug/l	96
29) Tetrahydrofuran	5.18	42	125945	102.41	ug/l	99
30) Chloroform	5.23	83	99753	19.96	ug/l	99
31) Cyclohexane	5.58	56	85846	19.15	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	92515	19.43	ug/l	99
36) 1,1-Dichloropropene	5.81	75	74724	18.71	ug/l	98
37) Ethyl Acetate	4.87	43	77574	19.89	ug/l	99
38) Carbon Tetrachloride	5.79	117	83586	18.69	ug/l	99

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041018\
 Data File : VX000759.D
 Acq On : 10 Apr 2018 20:20
 Operator : JC/MD
 Sample : VX0410WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0410WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/11/2018 11:20:48 AM

Quant Time: Apr 11 08:45:23 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	88184	18.38	ug/l	97
40) Benzene	6.15	78	213861	19.27	ug/l	98
41) Methacrylonitrile	5.07	41	45503	20.20	ug/l	99
42) 1,2-Dichloroethane	6.21	62	82080	19.80	ug/l	100
43) Isopropyl Acetate	6.48	43	131209	19.63	ug/l	100
44) Trichloroethene	7.22	130	65553	18.99	ug/l	99
45) 1,2-Dichloropropane	7.52	63	55203	19.53	ug/l	100
46) Dibromomethane	7.67	93	38112	19.34	ug/l	99
47) Bromodichloromethane	7.91	83	78125	19.64	ug/l	98
48) Methyl methacrylate	7.79	41	69617	20.09	ug/l	99
49) 1,4-Dioxane	7.77	88	28682	411.83	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	403810	102.82	ug/l	99
52) Toluene	8.79	92	140761	19.12	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	92120	19.31	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	89463	19.26	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	56643	19.38	ug/l	99
56) Ethyl methacrylate	9.19	69	88443	19.61	ug/l	100
57) 1,3-Dichloropropane	9.38	76	93082	20.03	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	216987	102.99	ug/l	100
59) 2-Hexanone	9.51	43	310833	102.52	ug/l	99
60) Dibromochloromethane	9.59	129	67668	19.35	ug/l	100
61) 1,2-Dibromoethane	9.68	107	60764	19.59	ug/l	100
64) Tetrachloroethene	9.34	164	64090	19.22	ug/l	99
65) Chlorobenzene	10.15	112	165823	19.33	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	62203	19.26	ug/l	100
67) Ethyl Benzene	10.26	91	274975	19.22	ug/l	100
68) m/p-Xylenes	10.37	106	216066	38.27	ug/l	100
69) o-Xylene	10.71	106	104988	19.29	ug/l	98
70) Styrene	10.72	104	175867	19.17	ug/l	99
71) Bromoform	10.87	173	57187	19.13	ug/l	99
73) Isopropylbenzene	11.02	105	283958	19.58	ug/l	100
74) N-amyl acetate	6.48	43	131209	20.09	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	84519	20.08	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	80051m	20.30	ug/l	
77) Bromobenzene	11.26	156	83009	19.53	ug/l	100
78) n-propylbenzene	11.37	91	321220	19.36	ug/l	99
79) 2-Chlorotoluene	11.43	91	189269	19.30	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	241004	19.32	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	26380	18.40	ug/l	96
82) 4-Chlorotoluene	11.52	91	227882	19.25	ug/l	100
83) tert-Butylbenzene	11.77	119	251685	19.72	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	249044	19.34	ug/l	100
85) sec-Butylbenzene	11.95	105	290662	19.30	ug/l	100
86) p-Isopropyltoluene	12.07	119	269976	19.23	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	151553	19.26	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	153720	19.06	ug/l	99
89) n-Butylbenzene	12.40	91	235419	19.00	ug/l	99
90) Hexachloroethane	12.60	117	45428	19.12	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	148055	19.49	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20722	19.65	ug/l	98

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041018\
Data File : VX000759.D
Acq On : 10 Apr 2018 20:20
Operator : JC/MD
Sample : VX0410WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

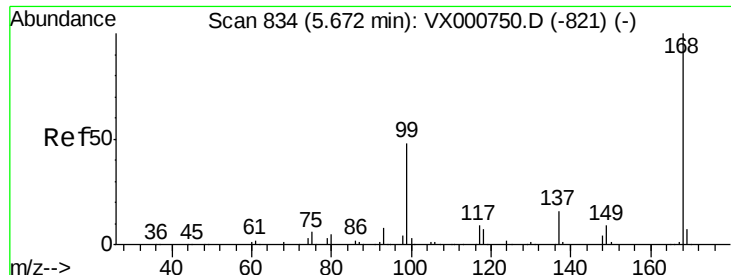
Manual Integrations
APPROVED

MMDadoda
4/11/2018 11:20:48 AM

Quant Time: Apr 11 08:45:23 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	124046	19.14	ug/l	100
94) Hexachlorobutadiene	13.79	225	58852	18.47	ug/l	99
95) Naphthalene	13.84	128	330894	19.89	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	121035	19.23	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000759.D

Acq: 10 Apr 2018 20:20

Instrument :

MSVOA_X

ClientSampled :

VX0410WBSD01

Tot Ion:168 Resp: 269755

Ion Ratio Lower Upper

168 100

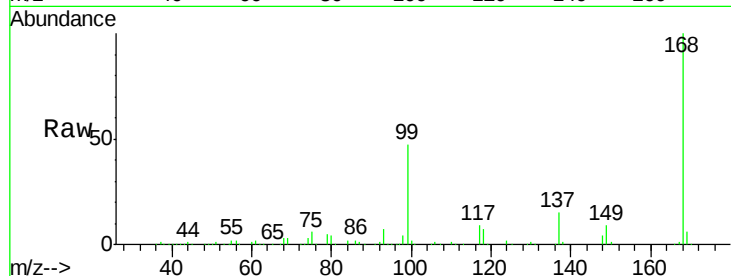
99 46.6 38.3 57.5

Manual Integrations

APPROVED

MMDadoda

4/11/2018 11:20:48 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

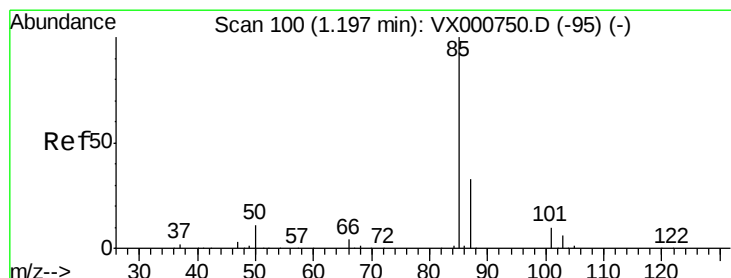
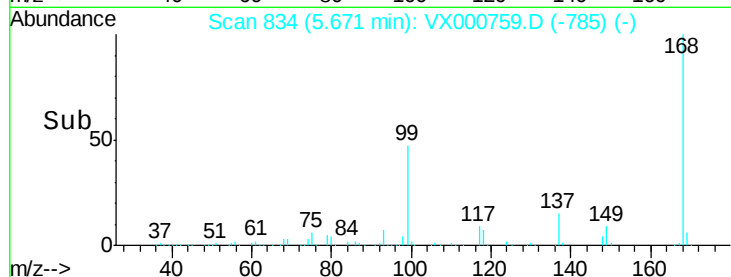
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 19.52 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000759.D

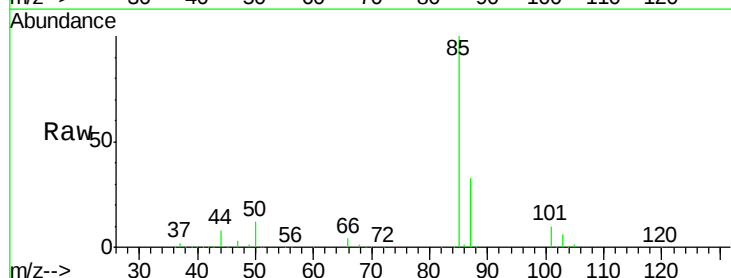
Acq: 10 Apr 2018 20:20

Tgt Ion: 85 Resp: 59430

Ion Ratio Lower Upper

85 100

87 32.8 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

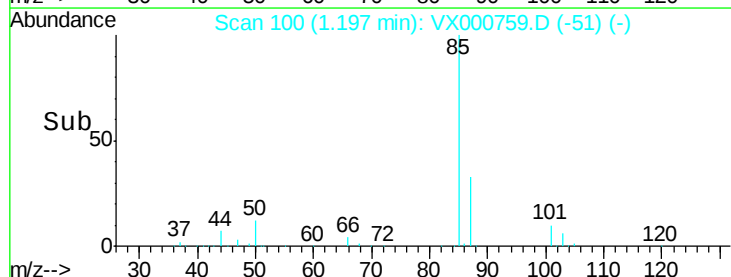
40000

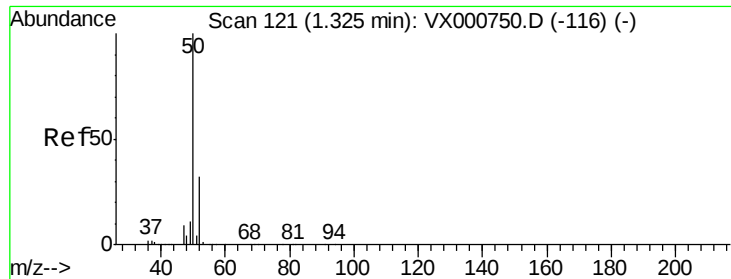
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 18.86 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000759.D

Acq: 10 Apr 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

Tot Ion: 50 Resp: 49228

Ion Ratio Lower Upper

50 100

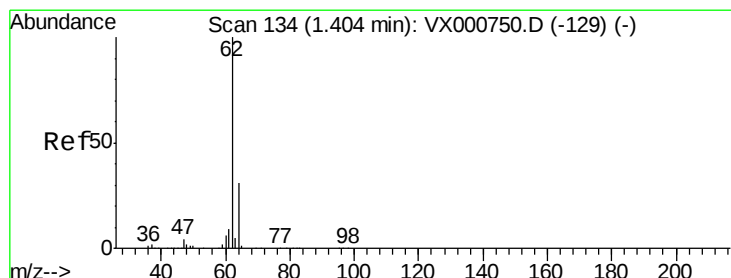
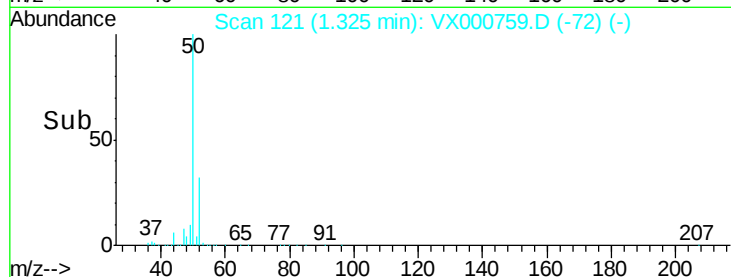
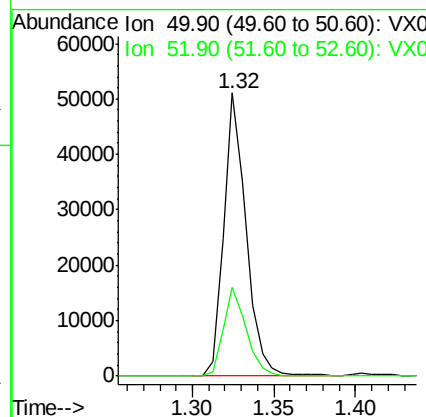
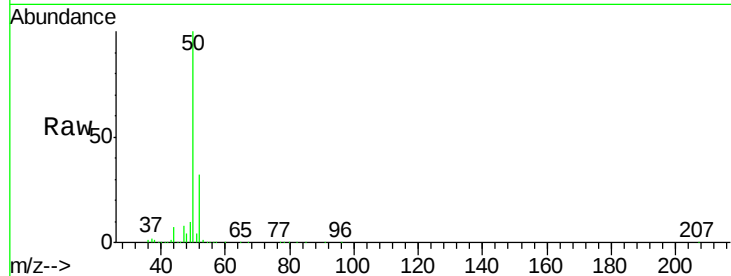
52 31.5 25.8 38.8

Manual Integrations

APPROVED

MMDadoda

4/11/2018 11:20:48 AM



#4

Vinyl Chloride

Concen: 19.60 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000759.D

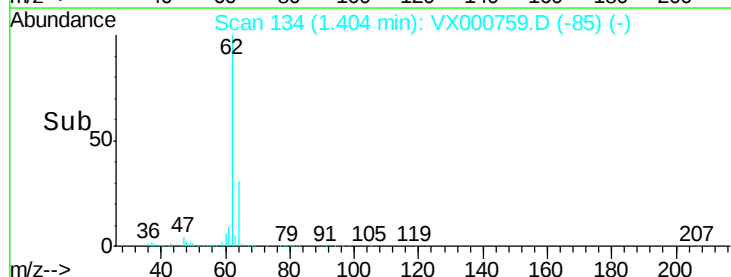
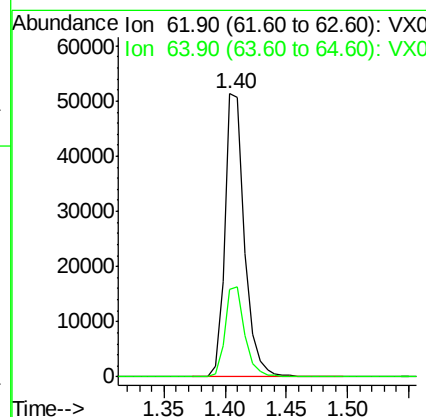
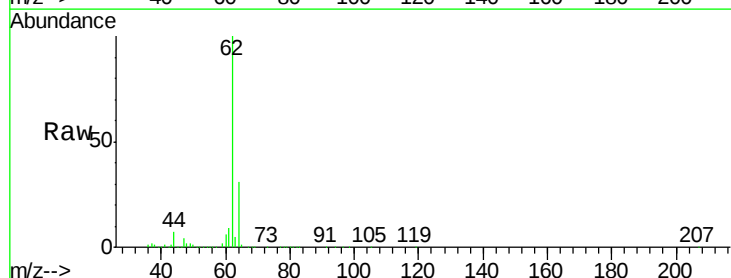
Acq: 10 Apr 2018 20:20

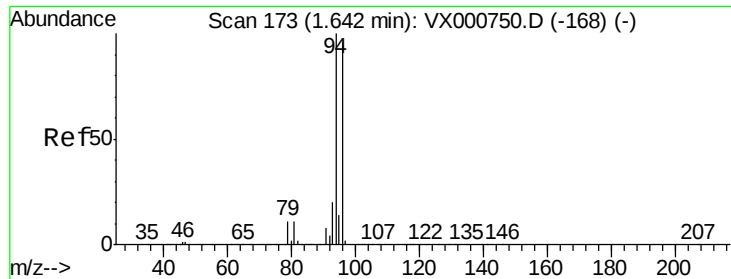
Tgt Ion: 62 Resp: 57565

Ion Ratio Lower Upper

62 100

64 30.9 24.6 36.8





#5

Bromomethane

Concen: 23.14 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000759.D

Acq: 10 Apr 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

Tot Ion: 94 Resp: 29035

Ion Ratio Lower Upper

94 100

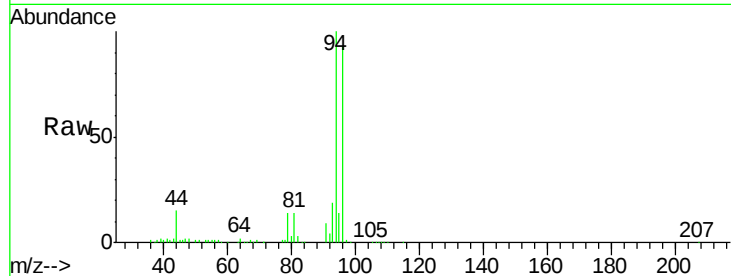
96 92.4 77.0 115.6

Manual Integrations

APPROVED

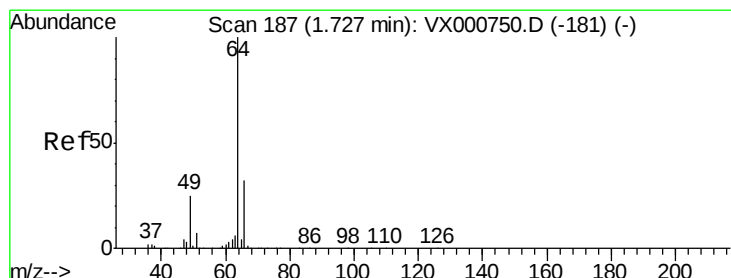
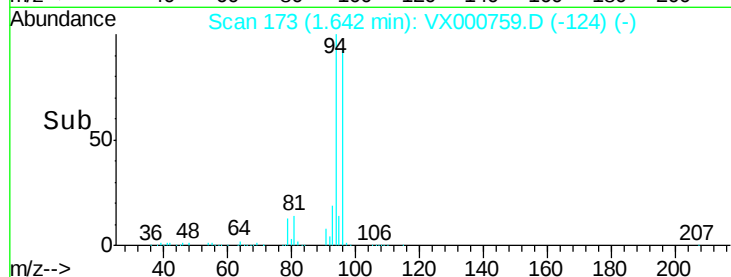
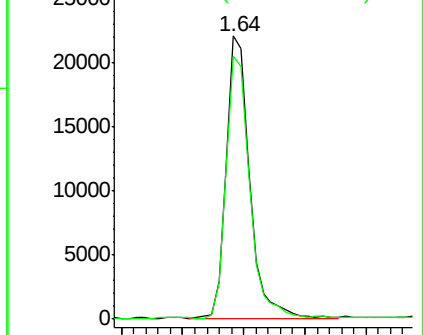
MMDadoda

4/11/2018 11:20:48 AM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.52 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000759.D

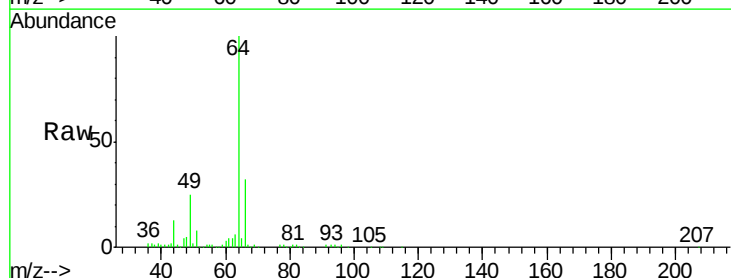
Acq: 10 Apr 2018 20:20

Tgt Ion: 64 Resp: 34742

Ion Ratio Lower Upper

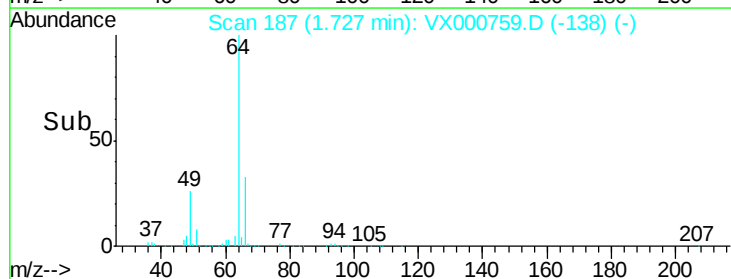
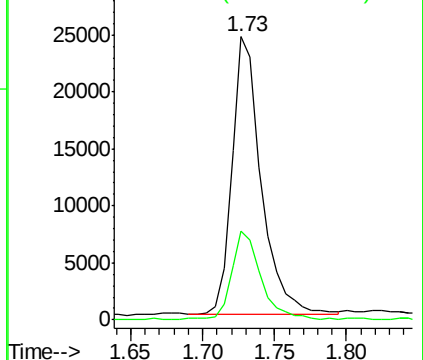
64 100

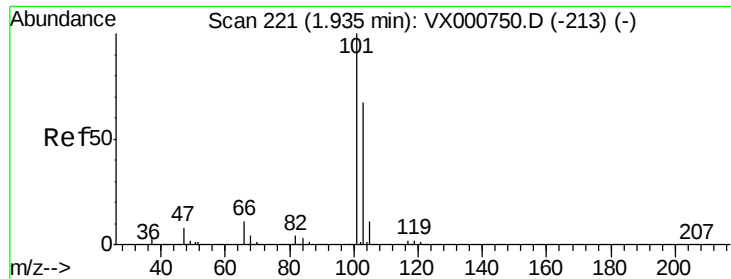
66 31.9 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

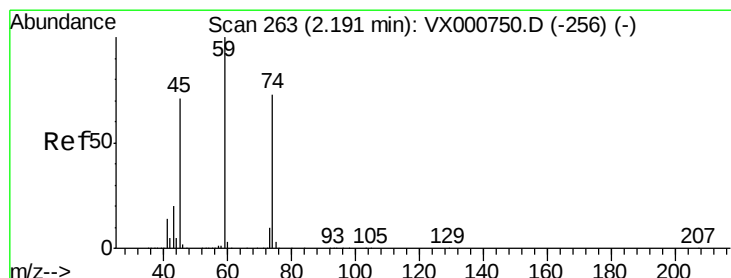
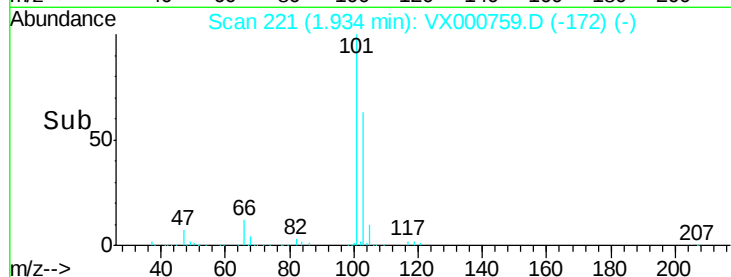
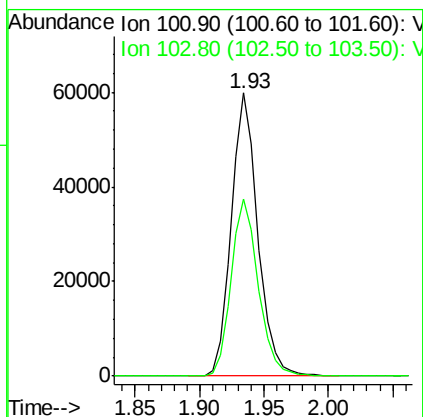
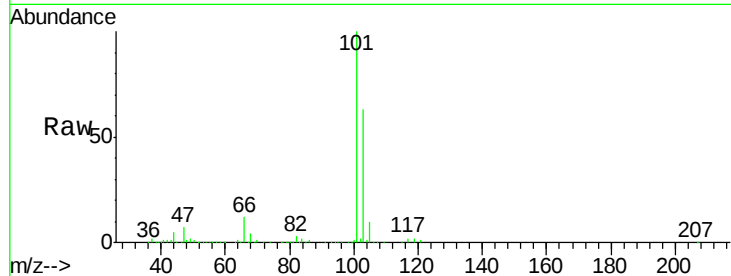
Trichlorofluoromethane
Concen: 19.43 ug/l
RT: 1.93 min Scan# 221
Delta R.T. -0.00 min
Lab File: VX000759.D
Acq: 10 Apr 2018 20:20

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.5	53.2	79.8

Manual Integrations
APPROVED

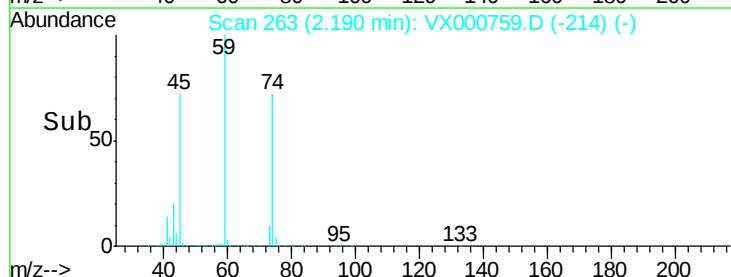
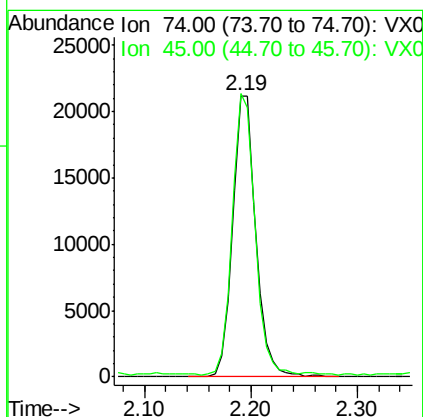
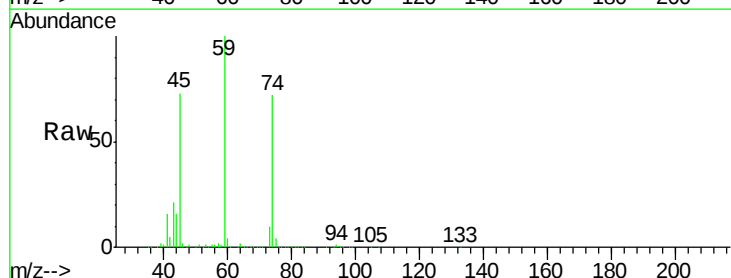
MMDadoda
4/11/2018 11:20:48 AM

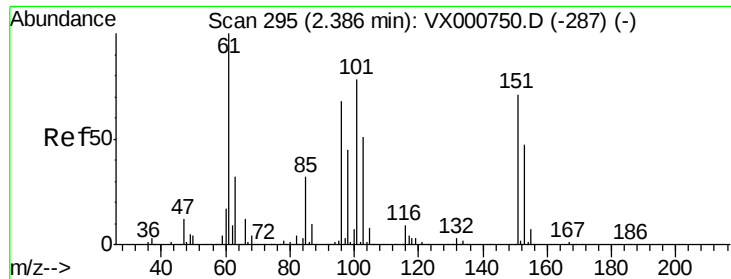


#8

Diethyl Ether
Concen: 19.53 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX000759.D
Acq: 10 Apr 2018 20:20

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.8	48.6	145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.22 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000759.D

Acq: 10 Apr 2018 20:20

Instrument :

MSVOA_X

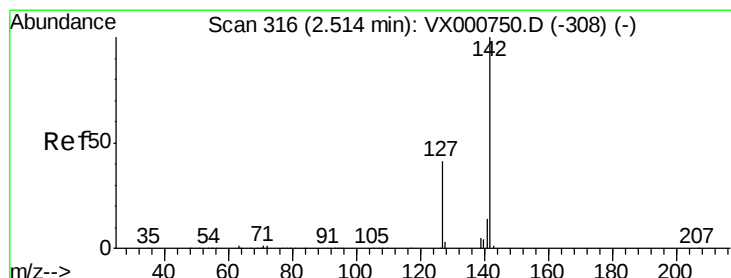
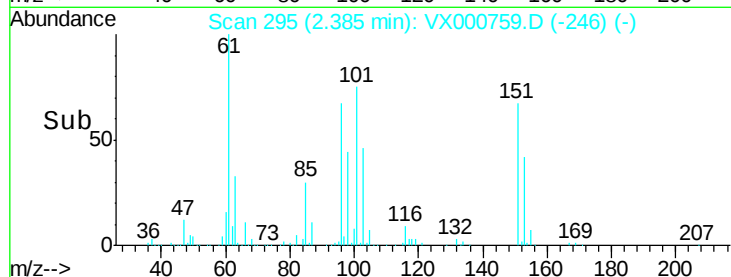
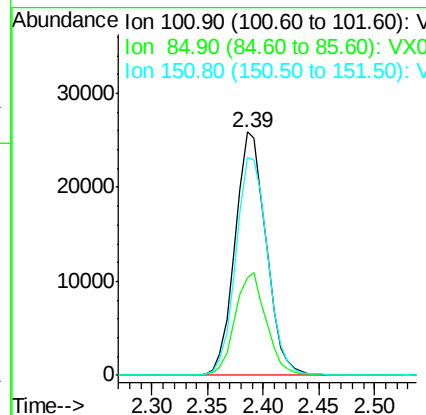
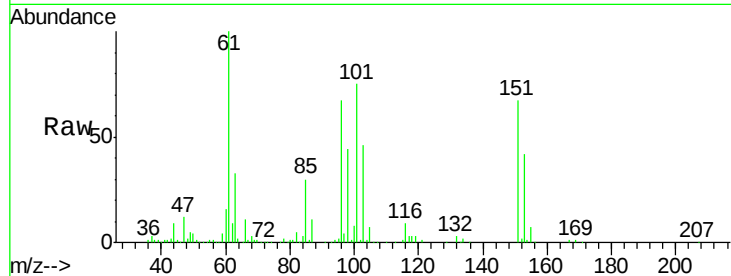
ClientSampleId :

VX0410WBSD01

Tot Ion:	101	Resp:	50216
Ion Ratio	Lower	Upper	
101	100		
85	42.5	34.0	51.0
151	91.4	75.8	113.8

Manual Integrations
APPROVED

MMDadoda
4/11/2018 11:20:48 AM



#10

Methyl Iodide

Concen: 19.23 ug/l

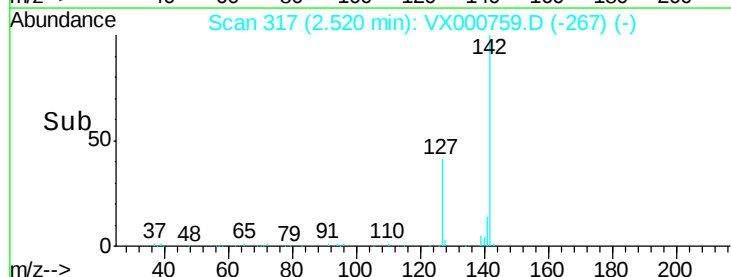
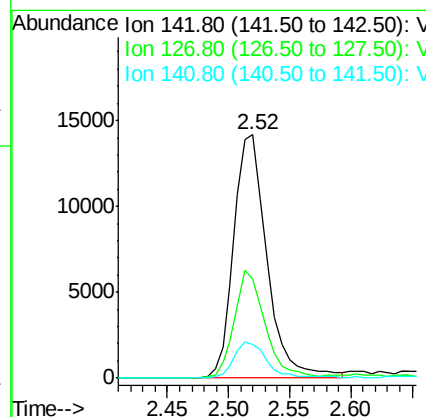
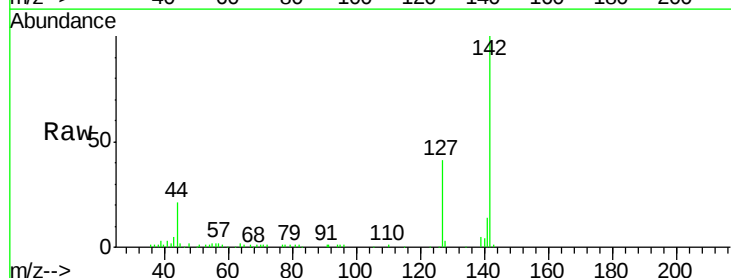
RT: 2.52 min Scan# 317

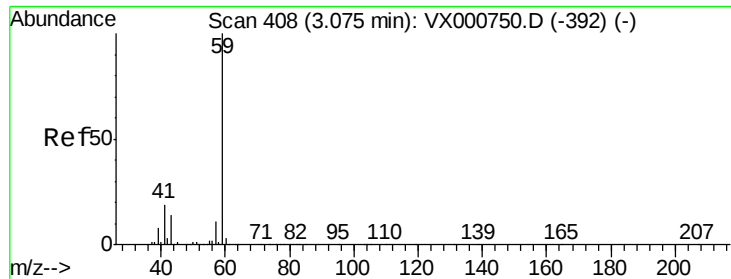
Delta R.T. 0.01 min

Lab File: VX000759.D

Acq: 10 Apr 2018 20:20

Tgt Ion:	142	Resp:	26769
Ion Ratio	Lower	Upper	
142	100		
127	40.7	32.6	49.0
141	14.7	11.5	17.3





#11

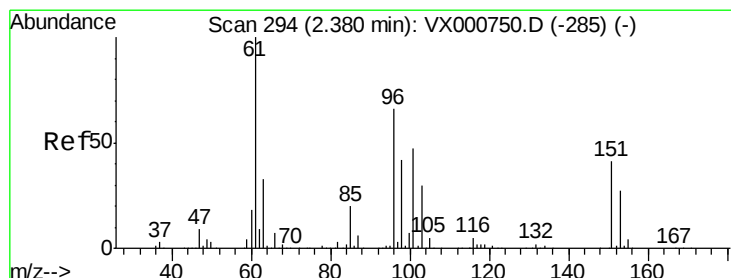
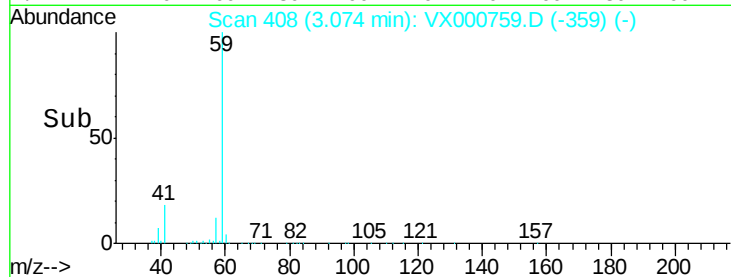
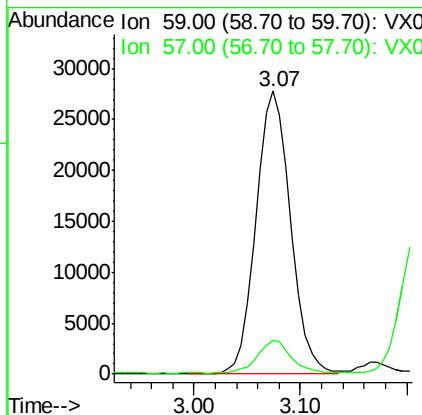
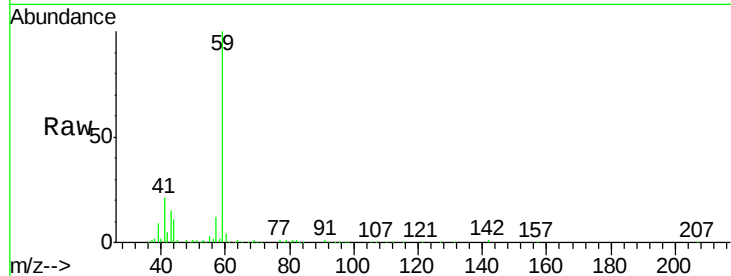
Tert butyl alcohol
Concen: 104.82 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.00 min
Lab File: VX000759.D
Acq: 10 Apr 2018 20:20

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	11.2	8.4	12.6

Manual Integrations
APPROVED

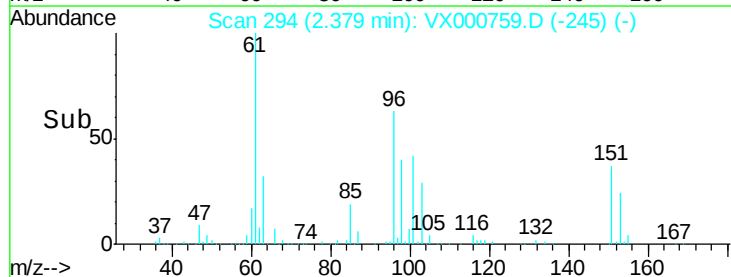
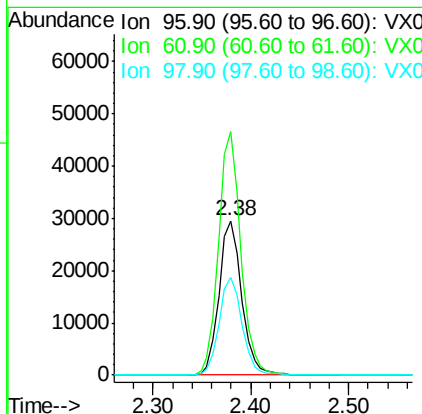
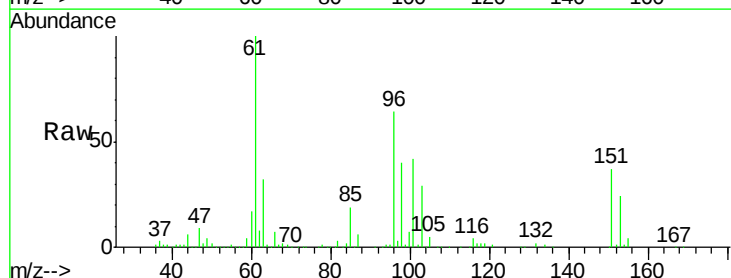
MMDadoda
4/11/2018 11:20:48 AM

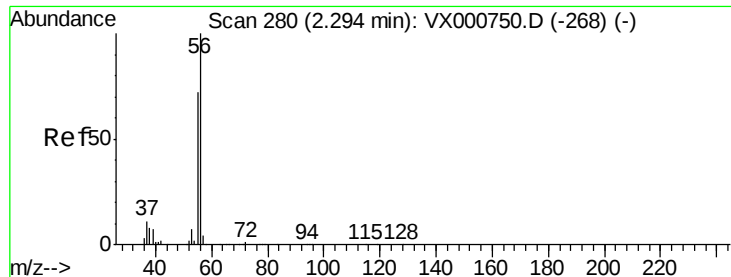


#12

1,1-Dichloroethene
Concen: 19.12 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000759.D
Acq: 10 Apr 2018 20:20

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	157.6	120.5	180.7
98	98	63.4	50.9	76.3





#13

Acrolein

Concen: 91.11 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX000759.D

Acq: 10 Apr 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

Tot Ion: 56 Resp: 26719

Ion Ratio Lower Upper

56 100

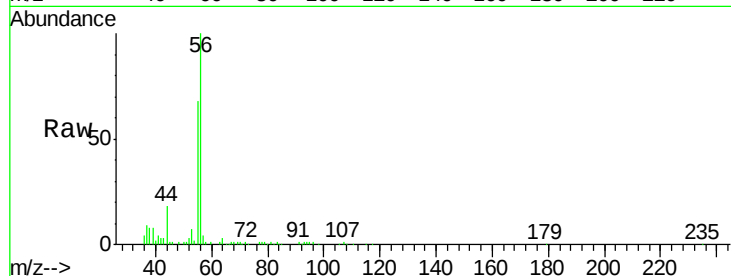
55 72.6 58.7 88.1

Manual Integrations

APPROVED

MMDadoda

4/11/2018 11:20:48 AM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

20000

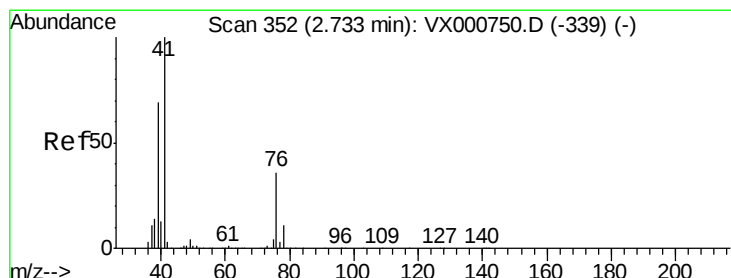
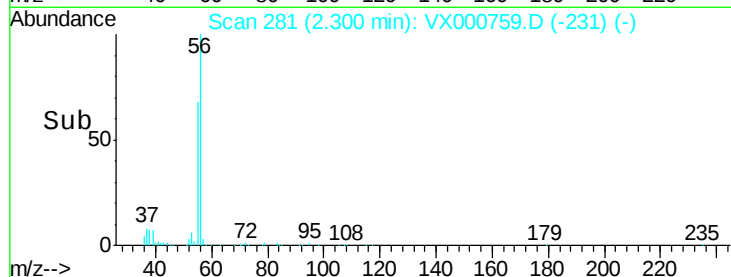
15000

10000

5000

0

Time--> 2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 19.13 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000759.D

Acq: 10 Apr 2018 20:20

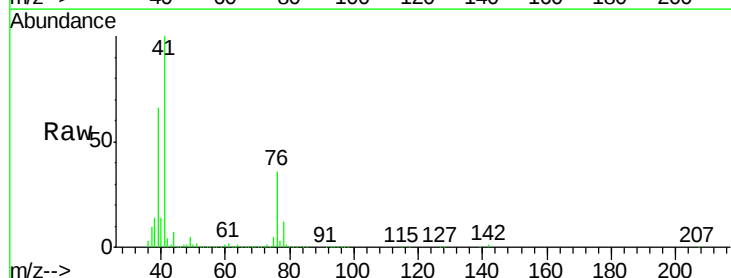
Tgt Ion: 41 Resp: 87598

Ion Ratio Lower Upper

41 100

39 63.3 51.5 77.3

76 33.2 26.5 39.7



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

100000

80000

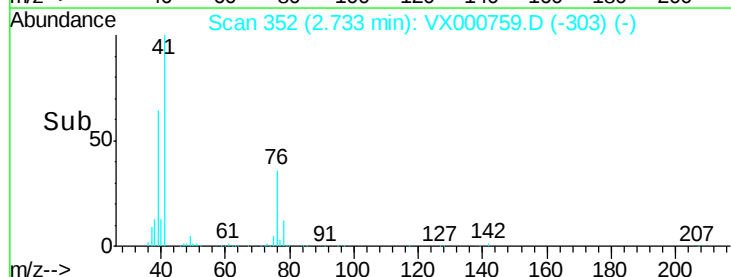
60000

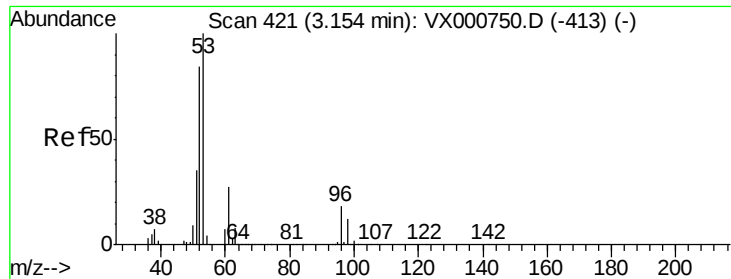
40000

20000

0

Time--> 2.60 2.70 2.80





#15

Acrylonitrile

Concen: 104.14 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000759.D

Acq: 10 Apr 2018 20:20

Instrument :

MSVOA_X

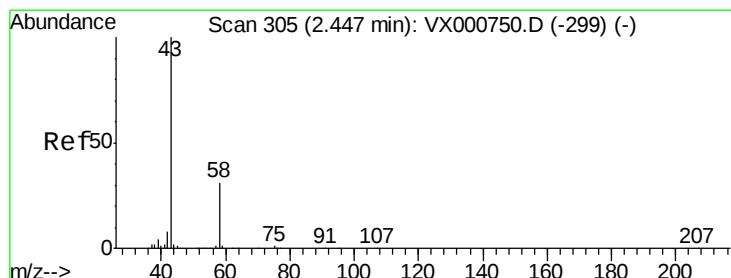
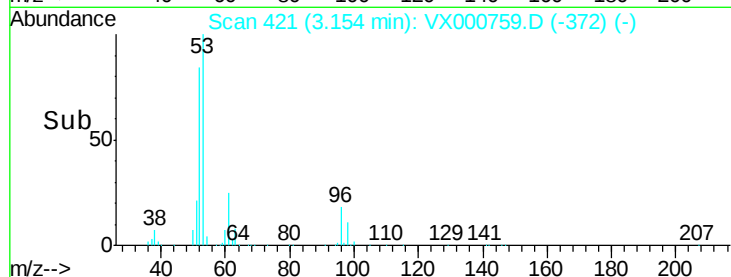
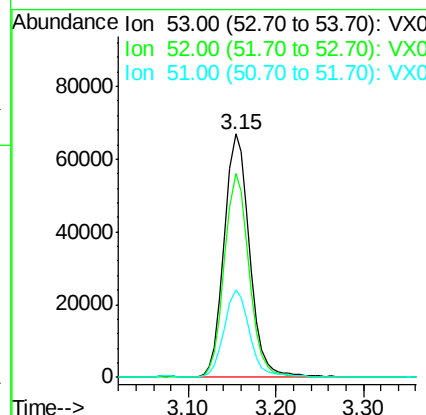
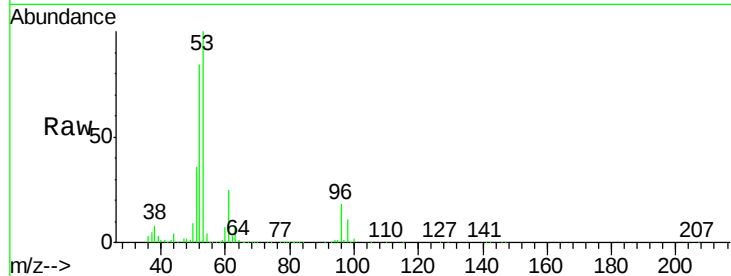
ClientSampleId :

VX0410WBSD01

Tot Ion:	53	Resp:	134082
Ion Ratio	Lower	Upper	
53	100		
52	82.2	66.5	99.7
51	36.2	28.8	43.2

Manual Integrations
APPROVED

MMDadoda
4/11/2018 11:20:48 AM



#16

Acetone

Concen: 102.69 ug/l

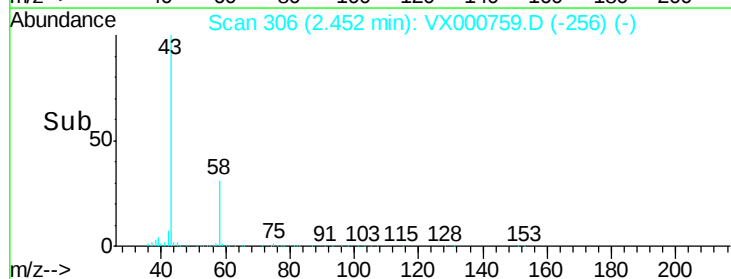
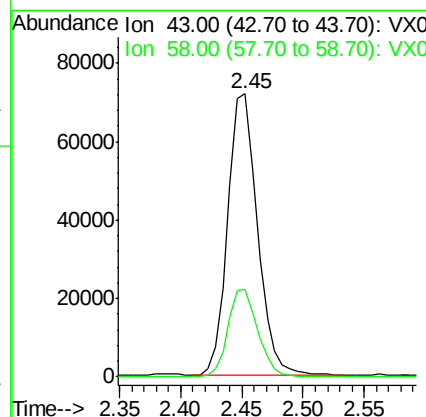
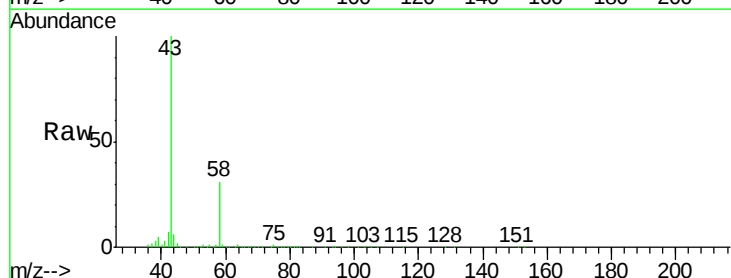
RT: 2.45 min Scan# 306

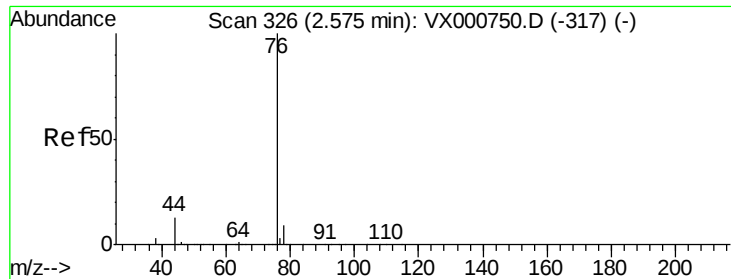
Delta R.T. 0.01 min

Lab File: VX000759.D

Acq: 10 Apr 2018 20:20

Tgt Ion:	43	Resp:	120445
Ion Ratio	Lower	Upper	
43	100		
58	30.8	24.6	37.0





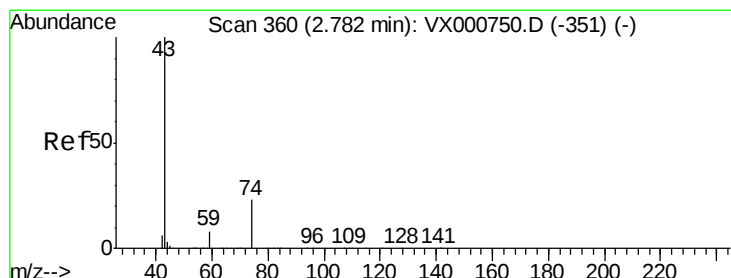
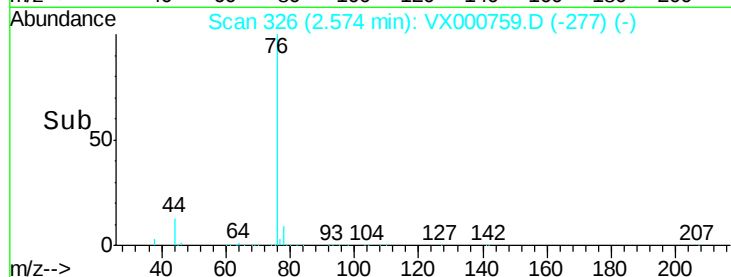
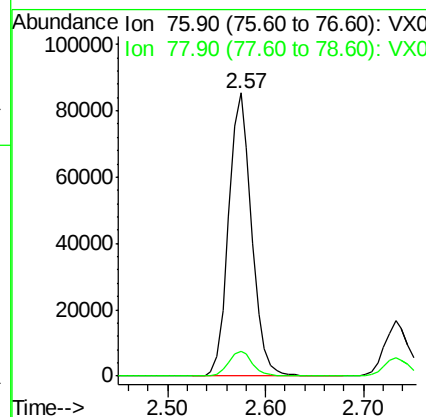
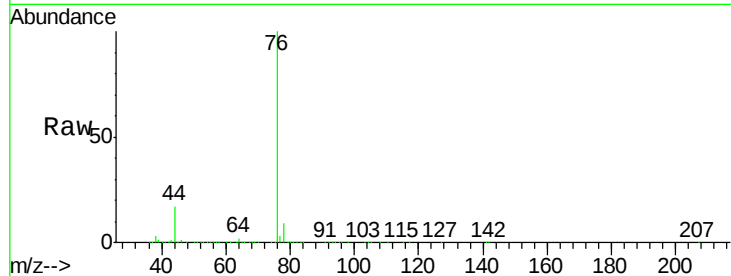
#17
Carbon Disulfide
Concen: 18.54 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX000759.D
Acq: 10 Apr 2018 20:20

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.4	11.2

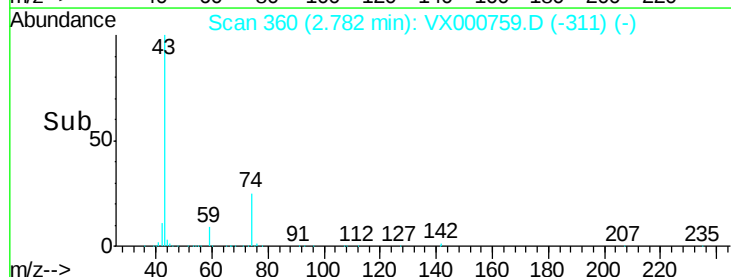
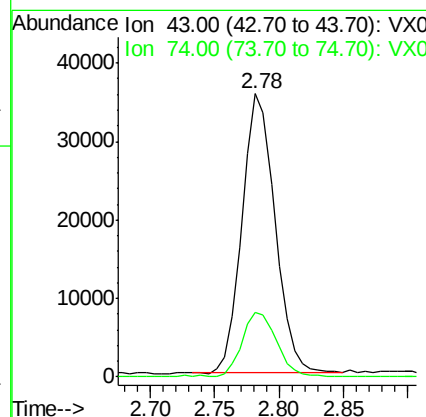
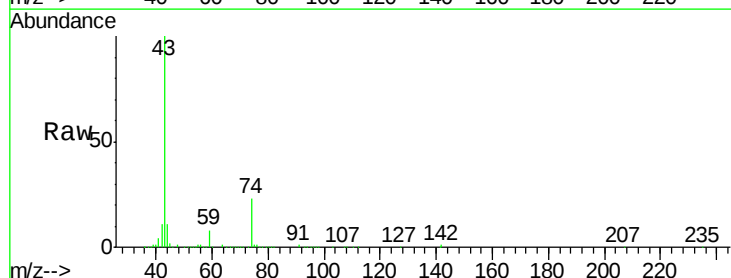
Manual Integrations
APPROVED

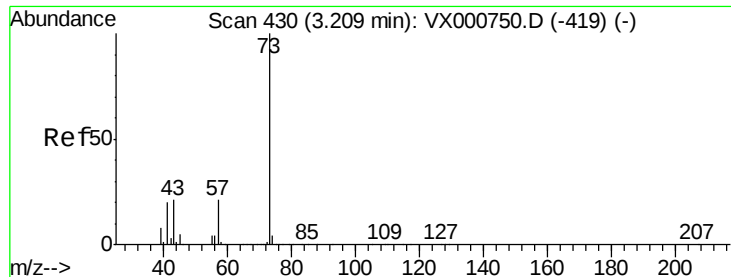
MMDadoda
4/11/2018 11:20:48 AM



#18
Methyl Acetate
Concen: 20.78 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX000759.D
Acq: 10 Apr 2018 20:20

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	19.1	28.7





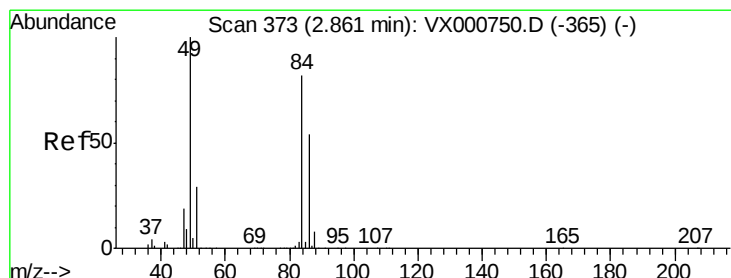
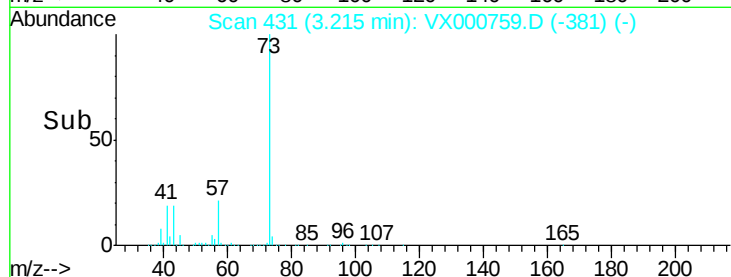
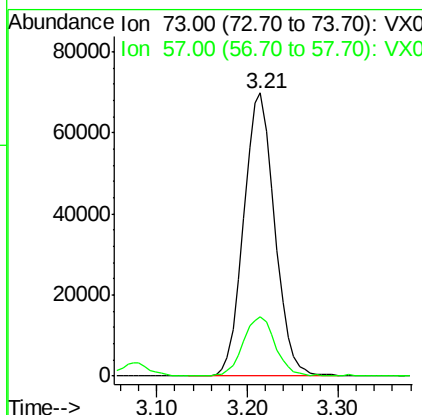
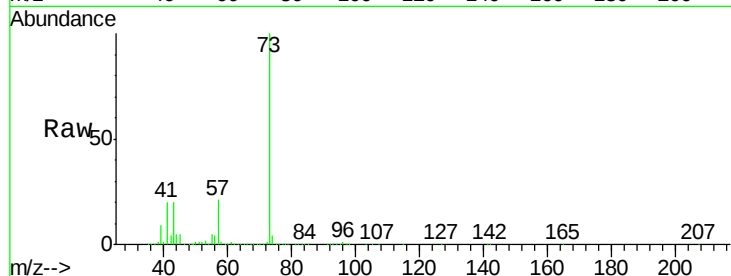
#19
Methvl tert-butvl Ether
Concen: 20.04 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX000759.D
Acq: 10 Apr 2018 20:20

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.9	16.9	25.3

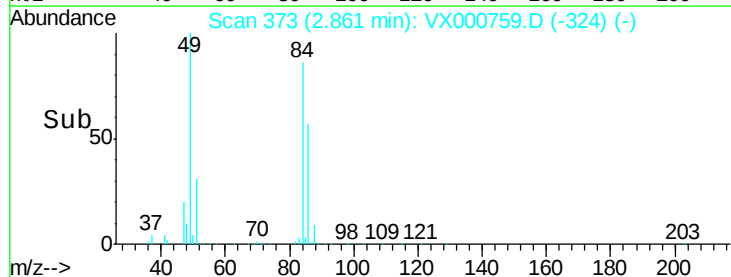
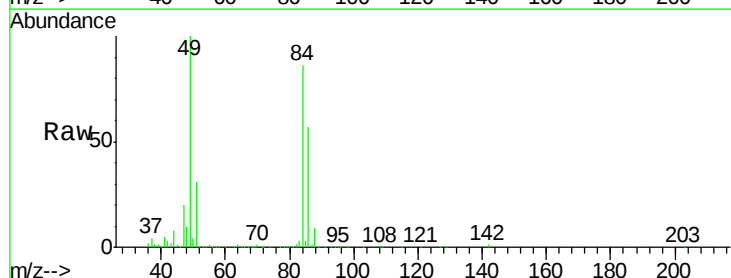
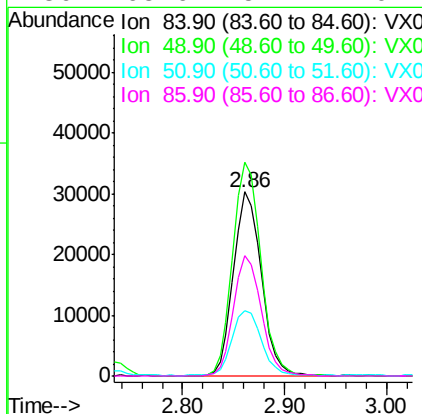
Manual Integrations
APPROVED

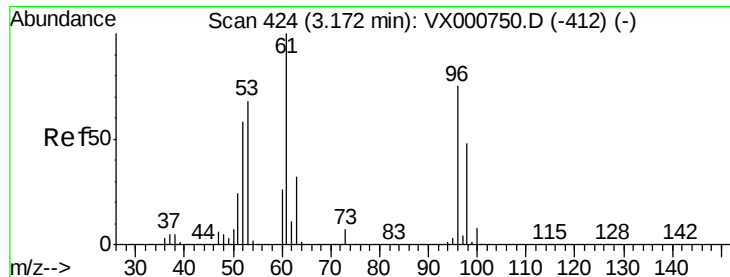
MMDadoda
4/11/2018 11:20:48 AM



#20
Methylene Chloride
Concen: 21.20 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000759.D
Acq: 10 Apr 2018 20:20

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.0	98.1	147.1
51	35.5	28.9	43.3
86	65.6	52.7	79.1





#21

trans-1,2-Dichloroethene

Concen: 18.96 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000759.D

Acq: 10 Apr 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

Tot Ion: 96 Resp: 51774

Ion Ratio Lower Upper

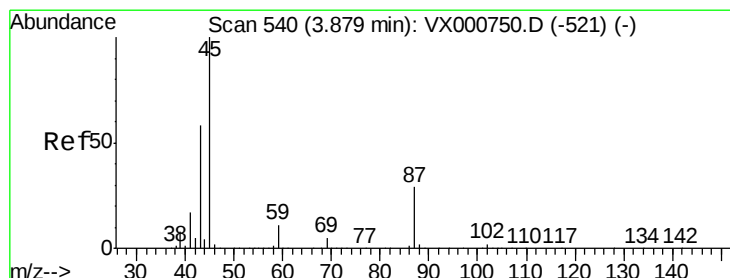
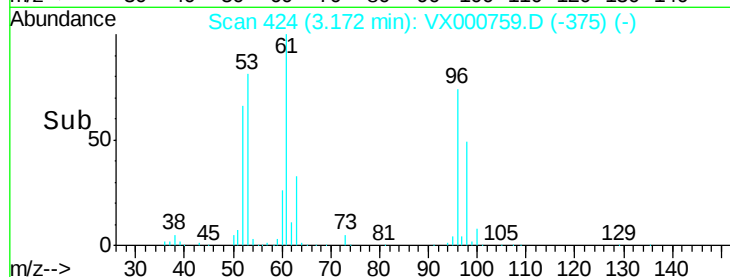
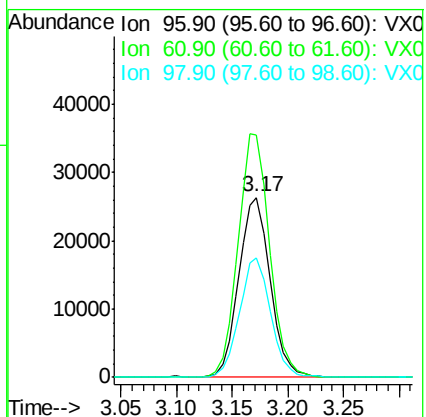
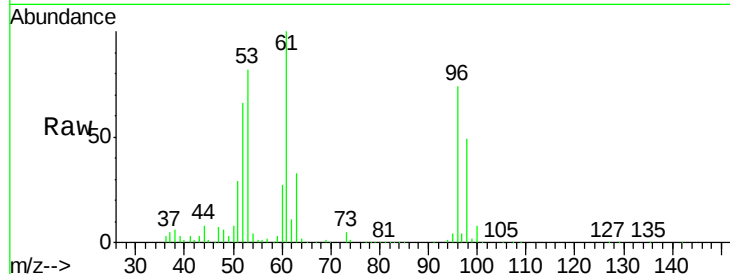
96 100

61 135.1 106.2 159.2

98 66.0 51.2 76.8

Manual Integrations
APPROVED

MMDadoda
4/11/2018 11:20:48 AM



#22

Diisopropyl ether

Concen: 20.47 ug/l

RT: 3.89 min Scan# 541

Delta R.T. 0.01 min

Lab File: VX000759.D

Acq: 10 Apr 2018 20:20

Tgt Ion: 45 Resp: 172257

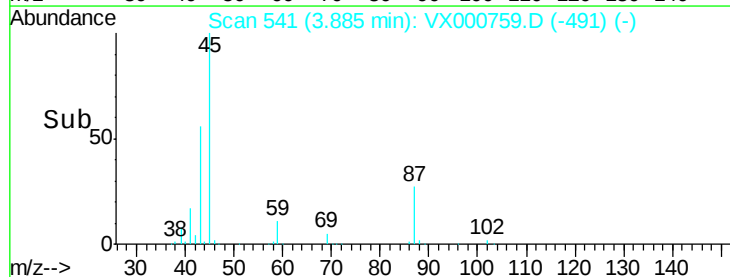
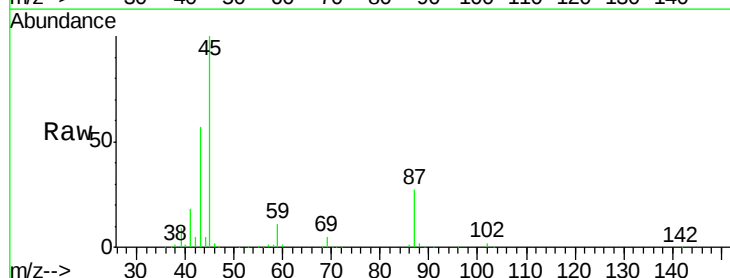
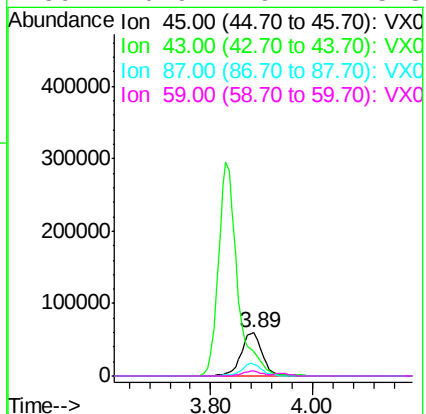
Ion Ratio Lower Upper

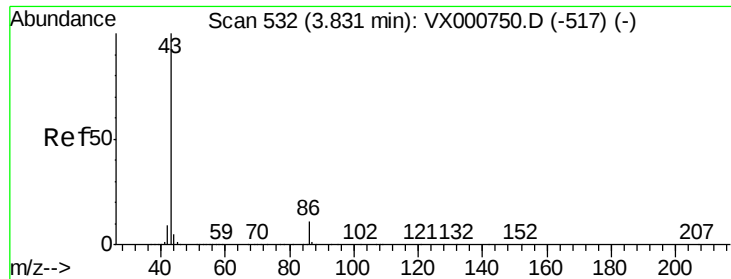
45 100

43 56.2 46.6 69.8

87 27.2 22.9 34.3

59 10.9 9.2 13.8





#23

Vinyl Acetate

Concen: 103.72 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000759.D

Acq: 10 Apr 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

Tot Ion: 43 Resp: 766160

Ion Ratio Lower Upper

43 100

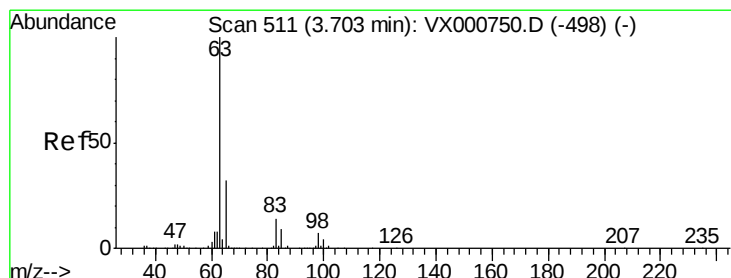
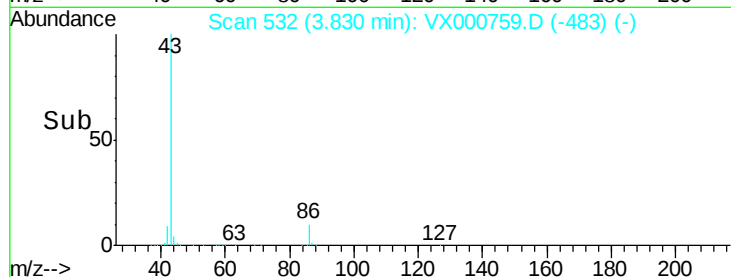
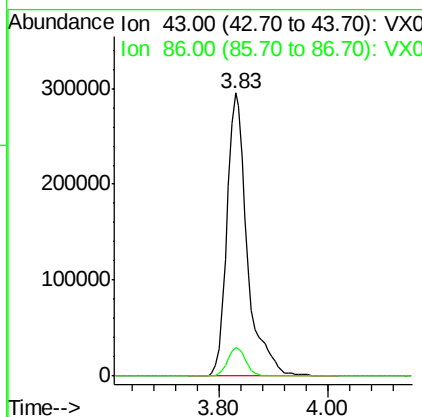
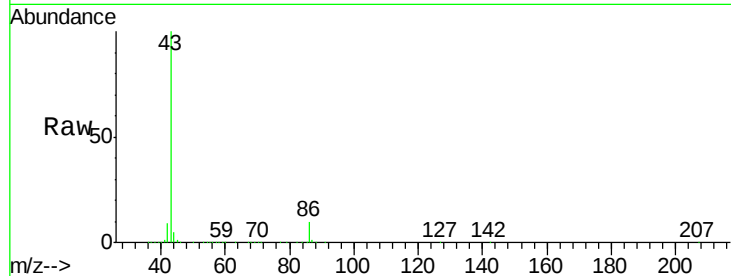
86 10.1 8.6 12.8

Manual Integrations

APPROVED

MMDadoda

4/11/2018 11:20:48 AM



#24

1,1-Dichloroethane

Concen: 19.66 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000759.D

Acq: 10 Apr 2018 20:20

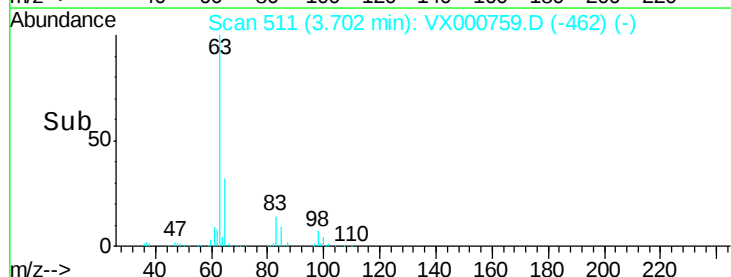
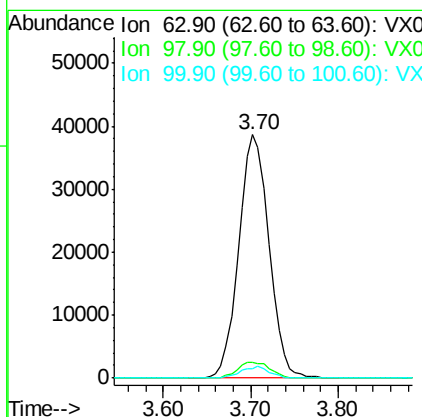
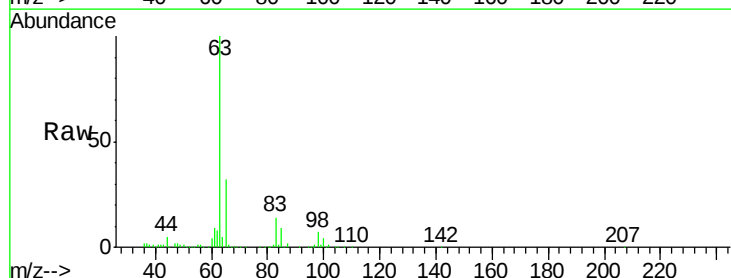
Tgt Ion: 63 Resp: 92813

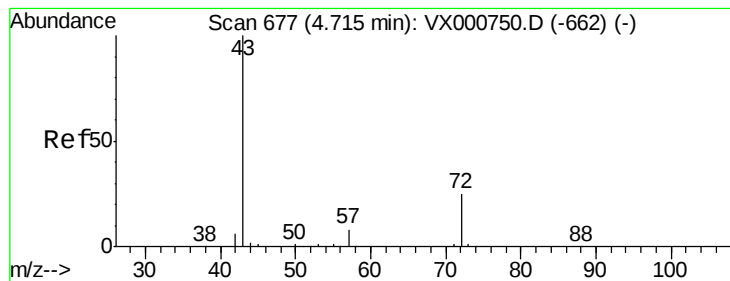
Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.9

100 4.0 2.1 6.3





#25

2-Butanone

Concen: 103.64 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000759.D

Acq: 10 Apr 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

Tot Ion: 43 Resp: 200748

Ion Ratio Lower Upper

43 100

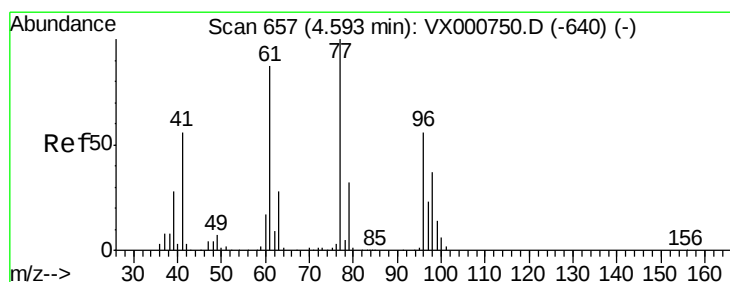
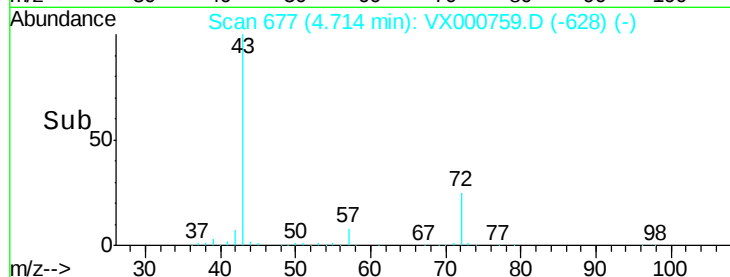
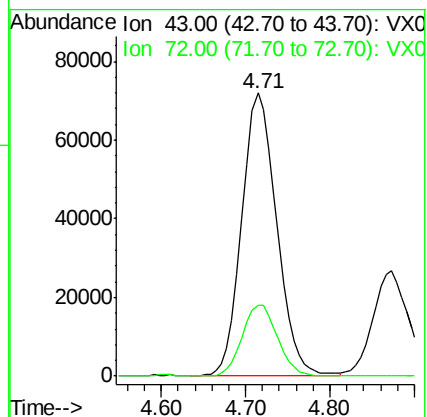
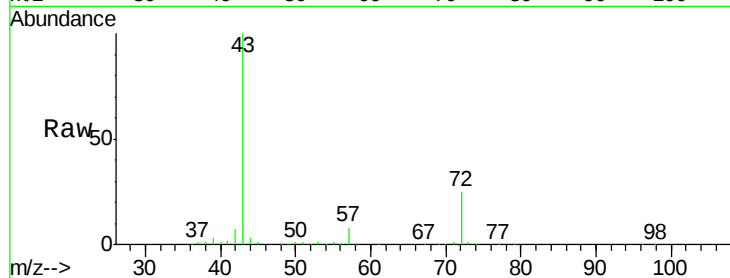
72 25.0 20.3 30.5

Manual Integrations

APPROVED

MMDadoda

4/11/2018 11:20:48 AM



#26

2,2-Dichloropropane

Concen: 18.34 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000759.D

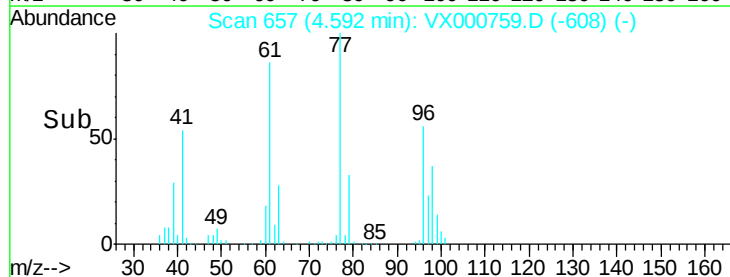
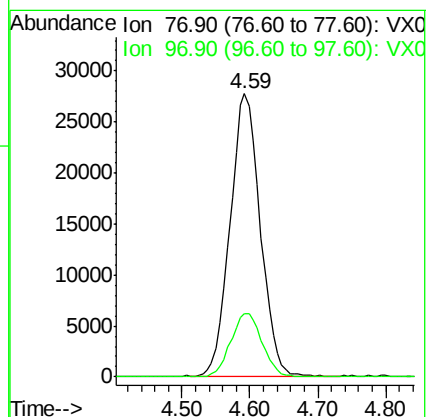
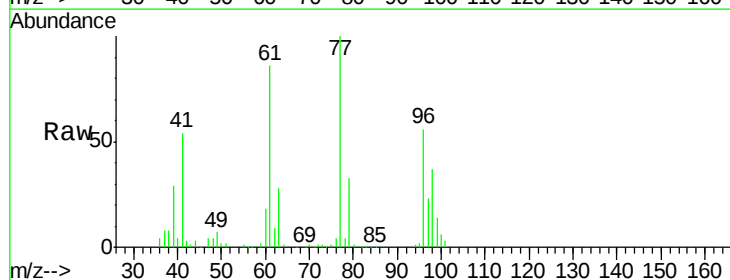
Acq: 10 Apr 2018 20:20

Tgt Ion: 77 Resp: 85933

Ion Ratio Lower Upper

77 100

97 23.1 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 19.53 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000759.D

Acq: 10 Apr 2018 20:20

Instrument :

MSVOA_X

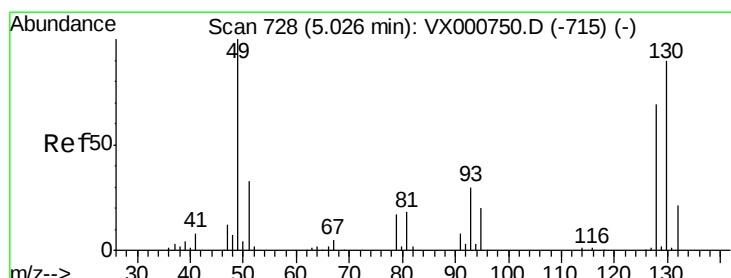
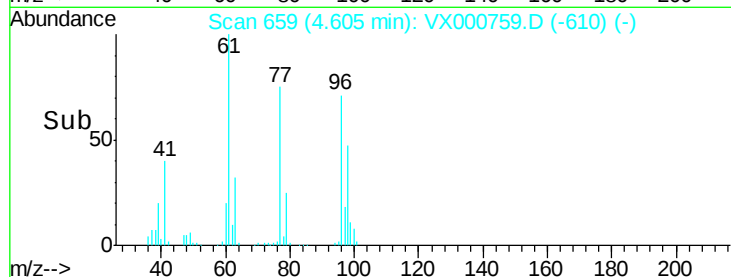
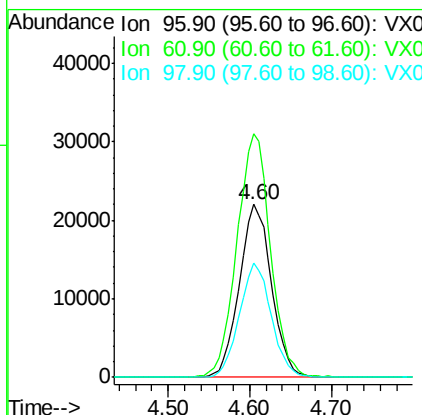
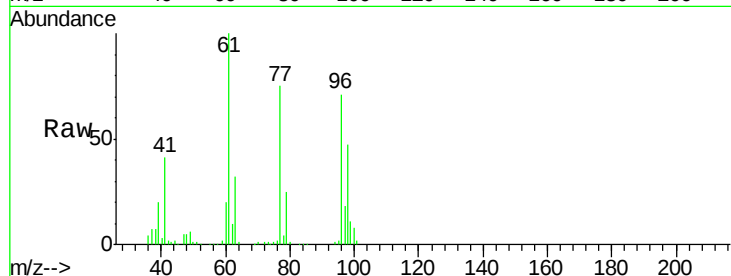
ClientSampleId :

VX0410WBSD01

Tot Ion:	96	Resp:	60516
Ion	Ratio	Lower	Upper
96	100		
61	146.4	0.0	292.4
98	65.1	0.0	130.2

Manual Integrations
APPROVED

MMDadoda
4/11/2018 11:20:48 AM



#28

Bromochloromethane

Concen: 20.10 ug/l

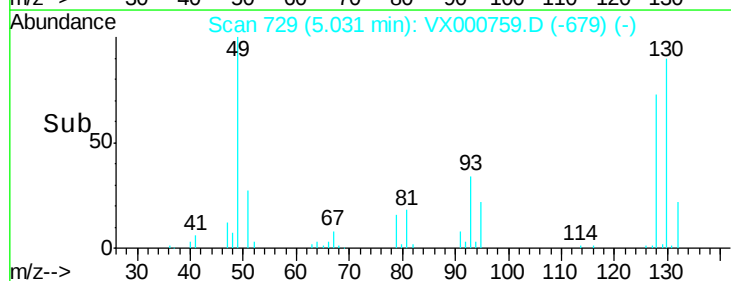
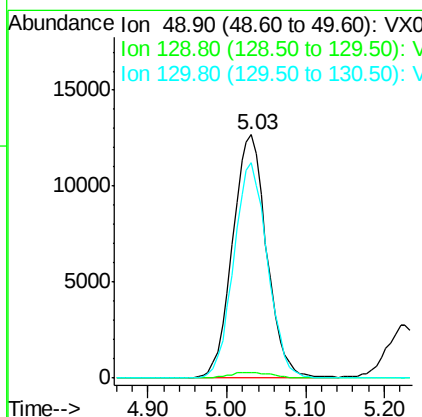
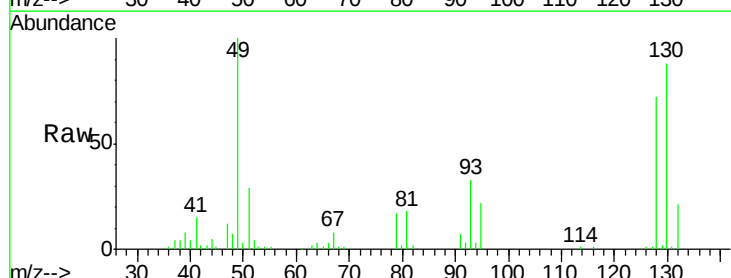
RT: 5.03 min Scan# 729

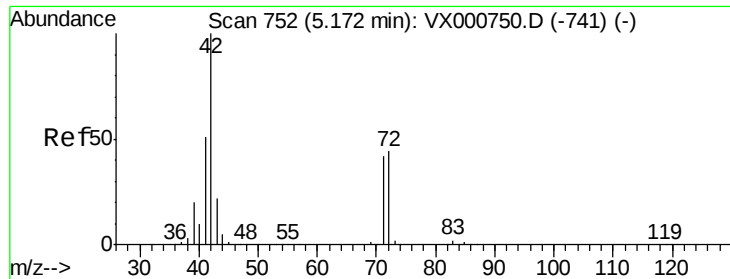
Delta R.T. 0.01 min

Lab File: VX000759.D

Acq: 10 Apr 2018 20:20

Tgt Ion:	49	Resp:	38205
Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.2
130	87.1	72.6	109.0





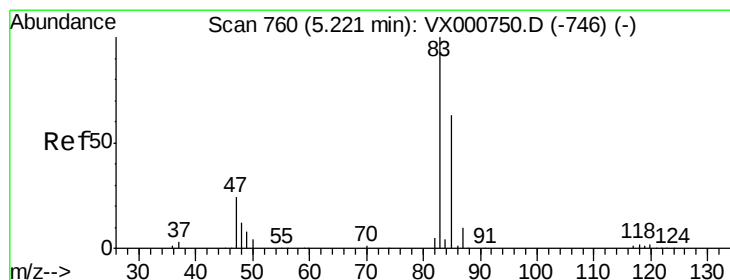
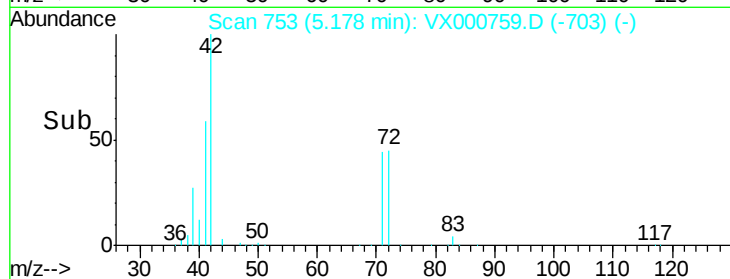
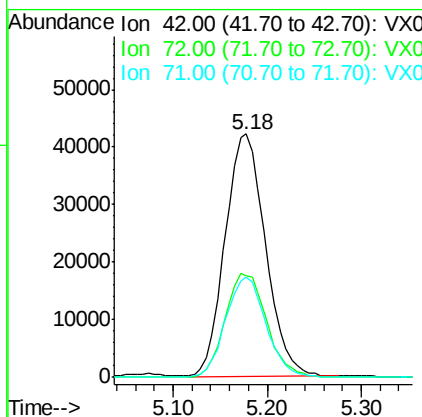
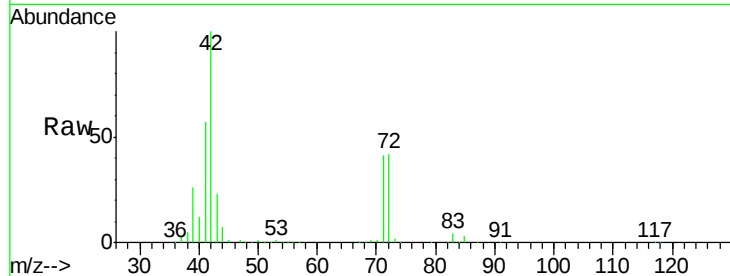
#29
Tetrahydrofuran
Concen: 102.41 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX000759.D
Acq: 10 Apr 2018 20:20

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.1	35.1	52.7
71	41.5	32.8	49.2

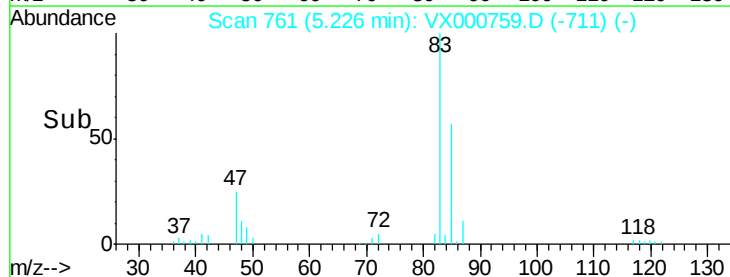
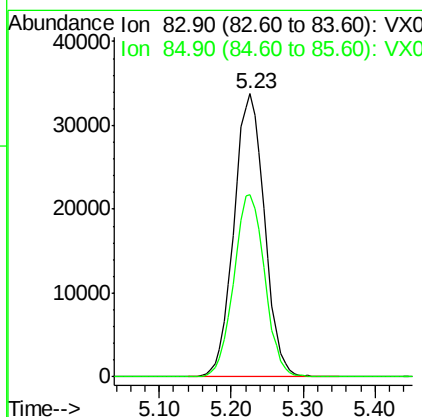
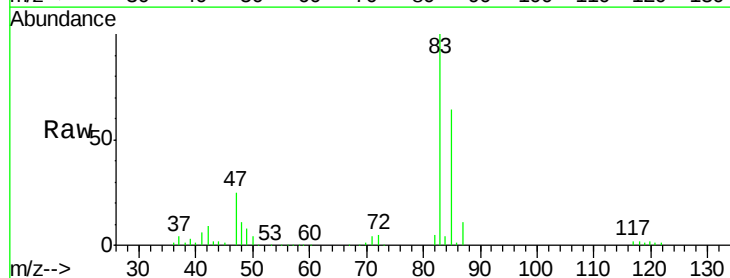
Manual Integrations
APPROVED

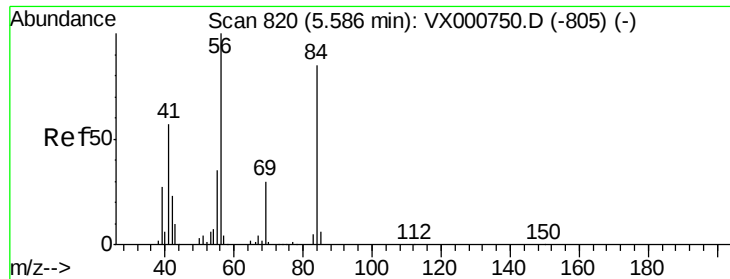
MMDadoda
4/11/2018 11:20:48 AM



#30
Chloroform
Concen: 19.96 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX000759.D
Acq: 10 Apr 2018 20:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.7	76.1





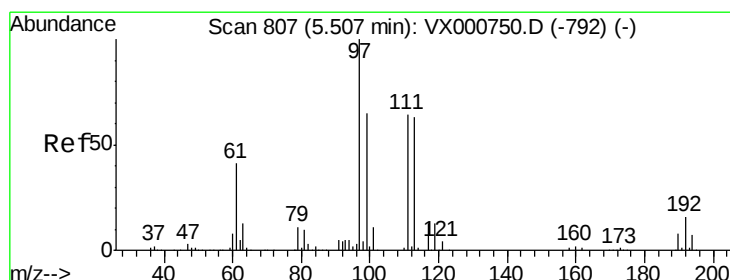
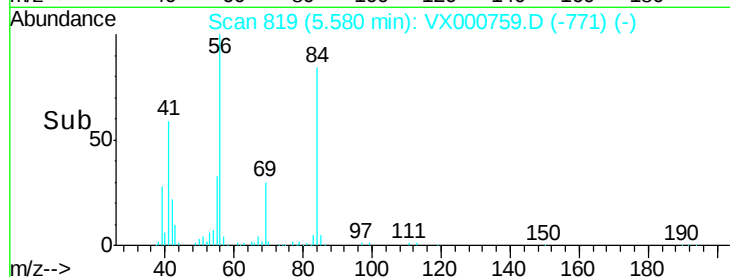
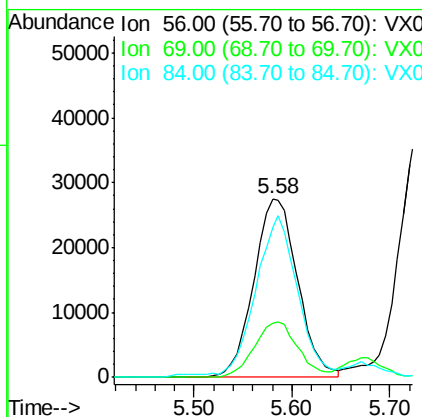
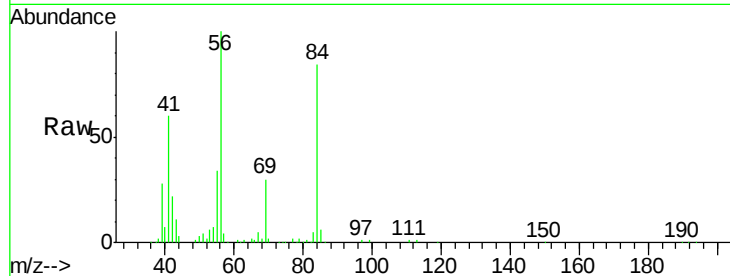
#31
Cyclohexane
Concen: 19.15 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.01 min
Lab File: VX000759.D
Acq: 10 Apr 2018 20:20

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.4	24.2	36.4
84	82.4	67.6	101.4

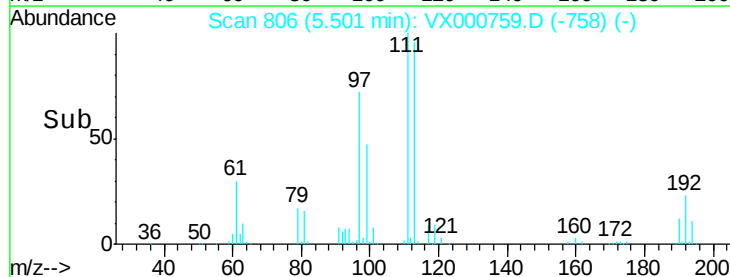
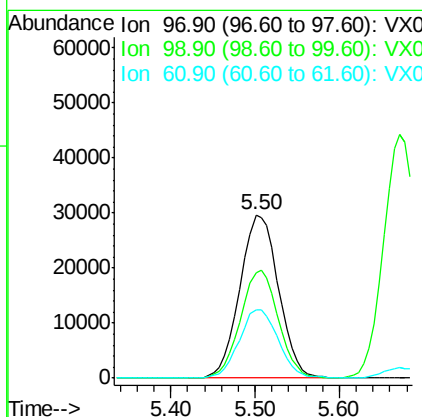
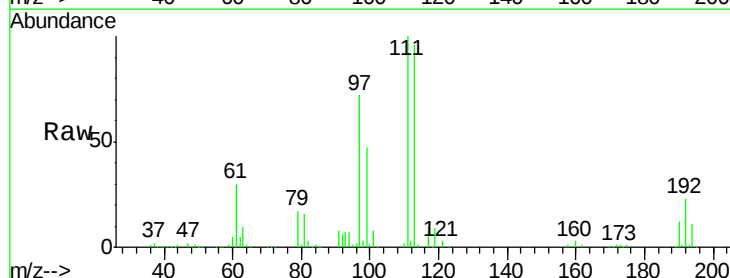
Manual Integrations
APPROVED

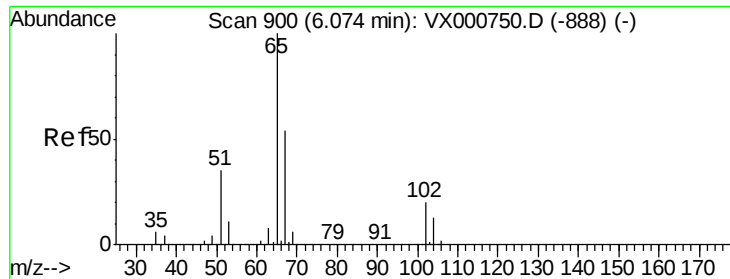
MMDadoda
4/11/2018 11:20:48 AM



#32
1,1,1-Trichloroethane
Concen: 19.43 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX000759.D
Acq: 10 Apr 2018 20:20

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.4	77.0
61	42.5	33.7	50.5





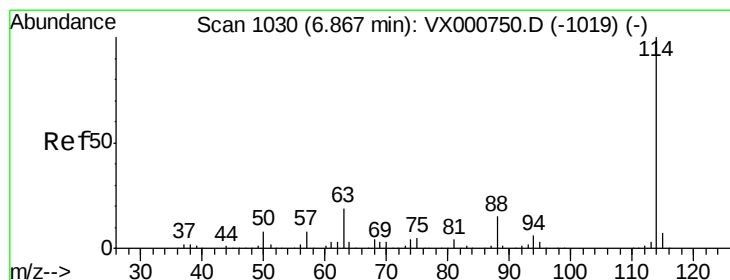
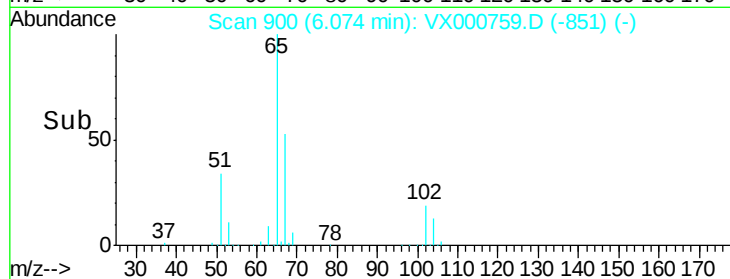
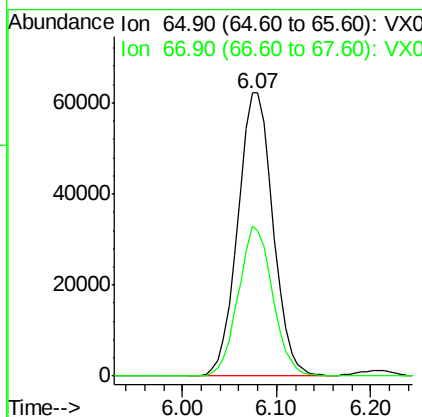
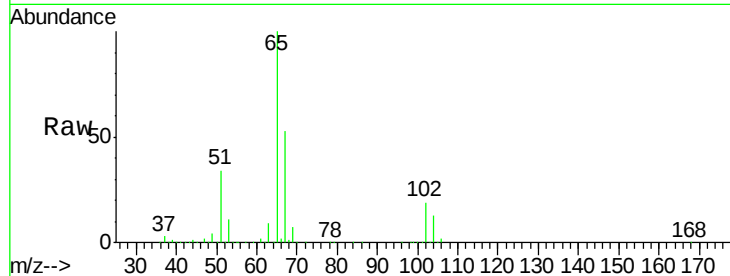
#33
 1,2-Dichloroethane-d4
 Concen: 47.90 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX000759.D
 Acq: 10 Apr 2018 20:20

Instrument :
 MSVOA_X
 ClientSampled :
 VX0410WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	103.8

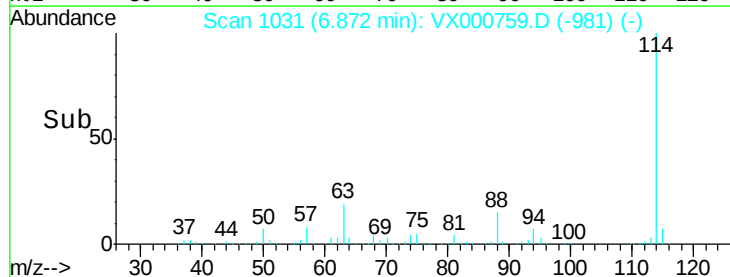
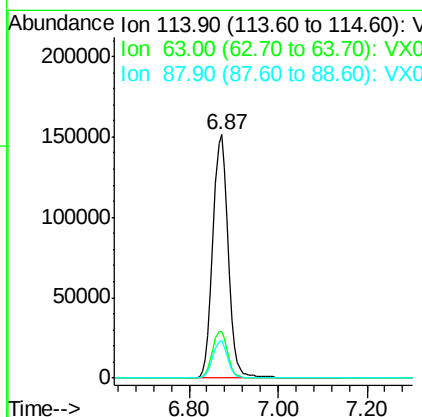
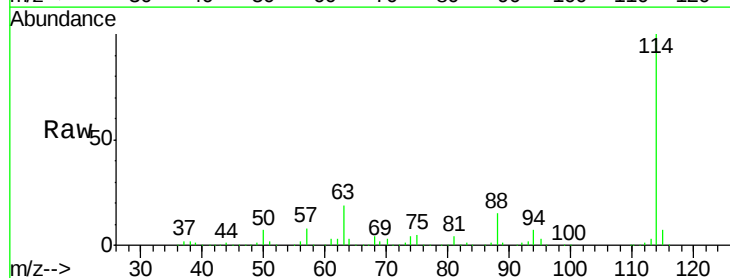
Manual Integrations
 APPROVED

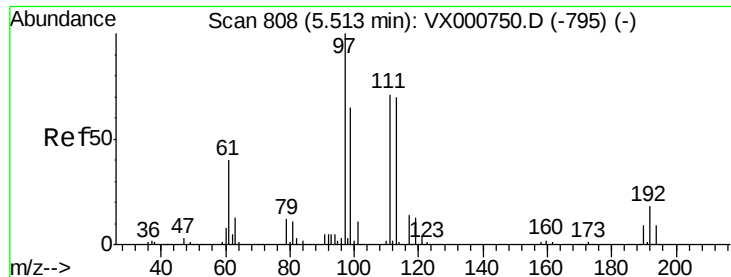
MMDadoda
 4/11/2018 11:20:48 AM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX000759.D
 Acq: 10 Apr 2018 20:20

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	38.4
88	15.2	0.0	31.0





#35

Dibromofluoromethane

Concen: 48.94 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000759.D

Acq: 10 Apr 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

Tot Ion:113 Resp: 136769

Ion Ratio Lower Upper

113 100

111 103.6 81.5 122.3

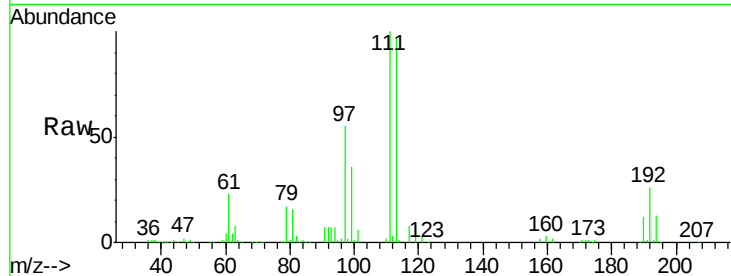
192 25.9 20.4 30.6

Manual Integrations

APPROVED

MMDadoda

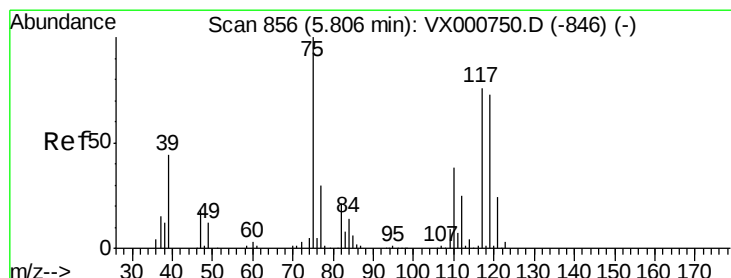
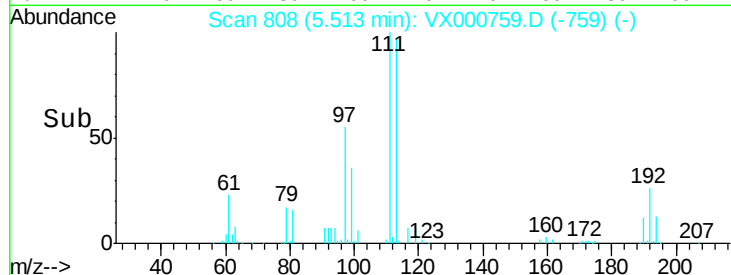
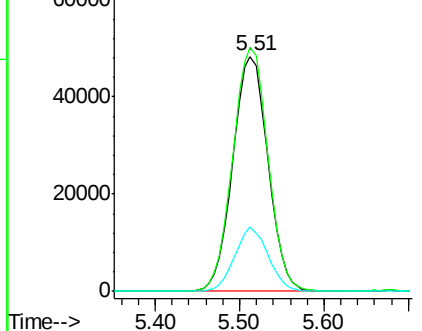
4/11/2018 11:20:48 AM



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.71 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX000759.D

Acq: 10 Apr 2018 20:20

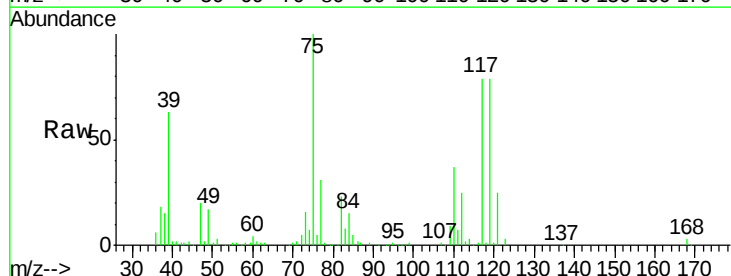
Tgt Ion: 75 Resp: 74724

Ion Ratio Lower Upper

75 100

110 38.9 19.2 57.6

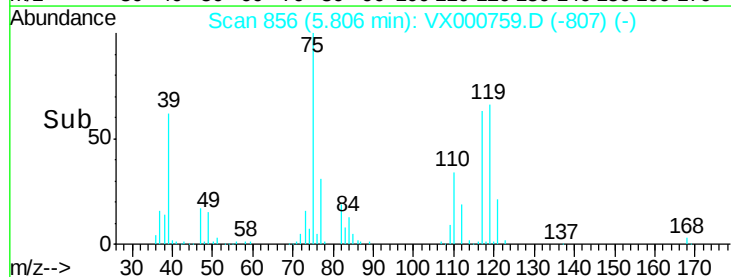
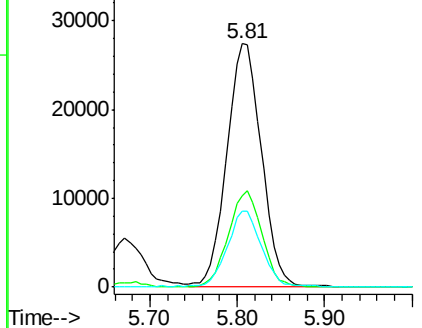
77 30.4 25.4 38.2

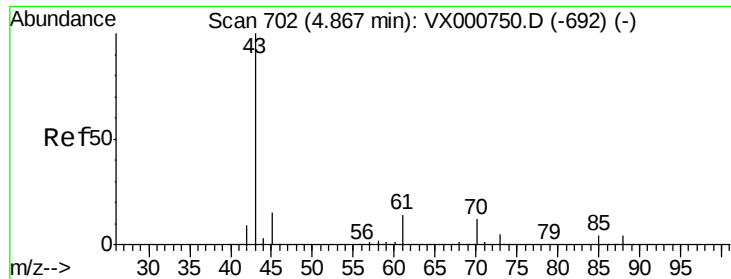


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 19.89 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.01 min

Lab File: VX000759.D

Acq: 10 Apr 2018 20:20

Instrument :

MSVOA_X

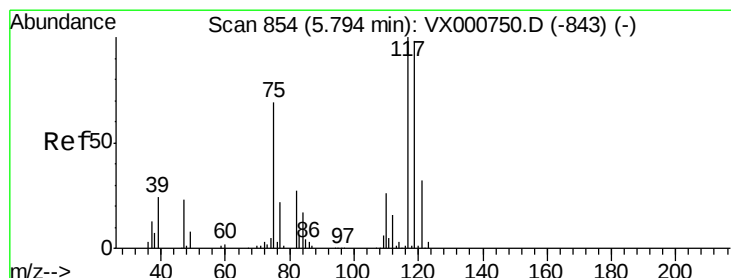
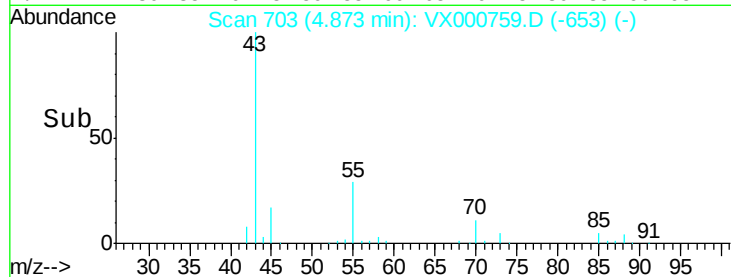
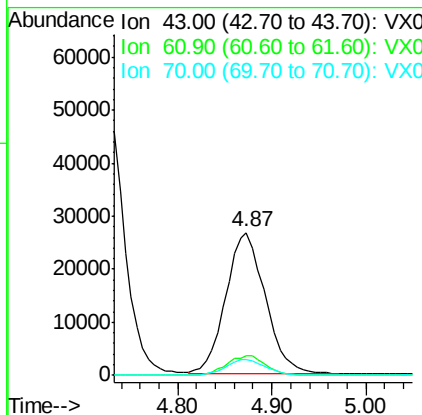
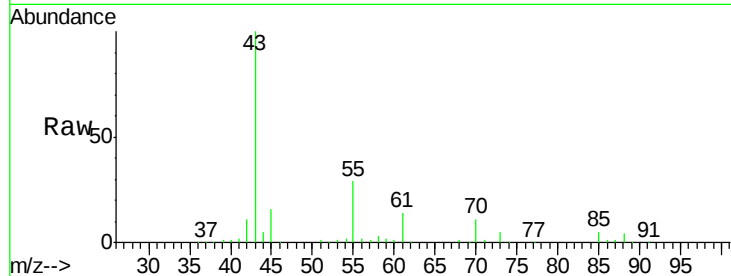
ClientSampleId :

VX0410WBSD01

Tot Ion:	43	Resp:	77574
Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.0	16.4
70	11.4	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
4/11/2018 11:20:48 AM



#38

Carbon Tetrachloride

Concen: 18.69 ug/l

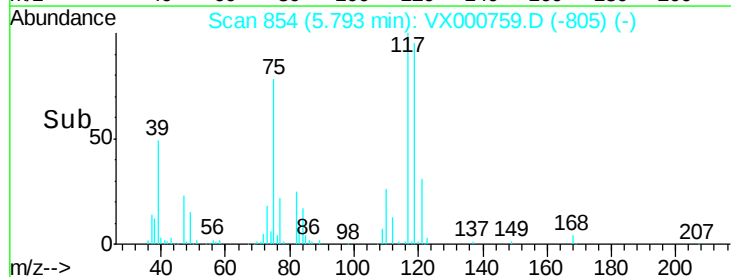
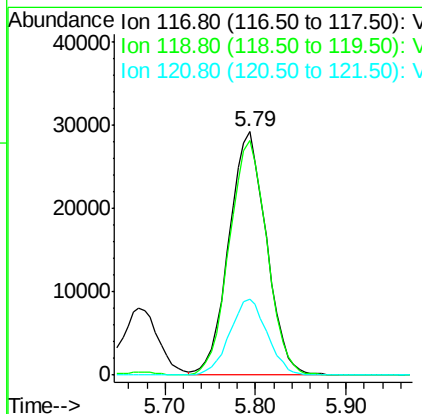
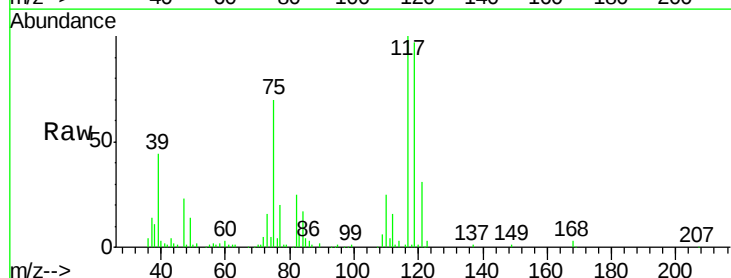
RT: 5.79 min Scan# 854

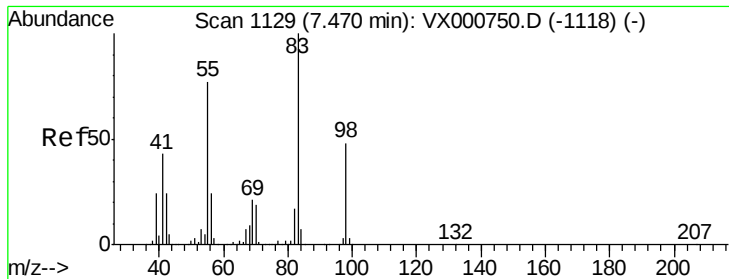
Delta R.T. -0.00 min

Lab File: VX000759.D

Acq: 10 Apr 2018 20:20

Tgt Ion:	117	Resp:	83586
Ion	Ratio	Lower	Upper
117	100		
119	96.6	78.4	117.6
121	31.4	25.4	38.0





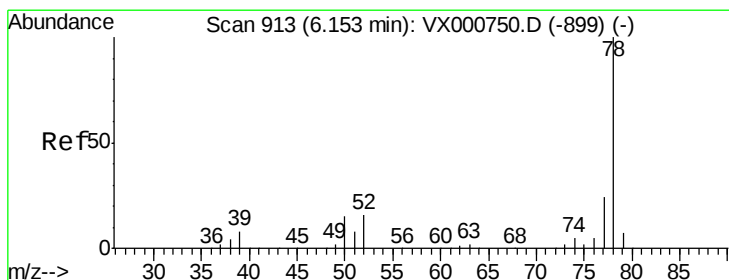
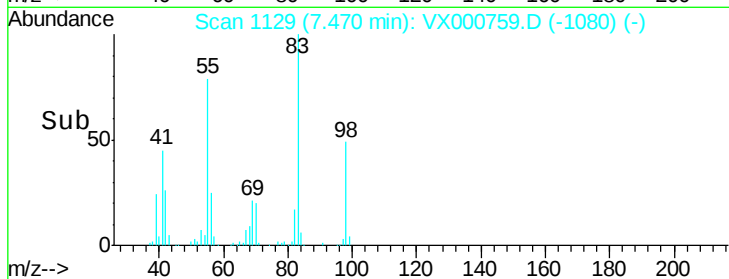
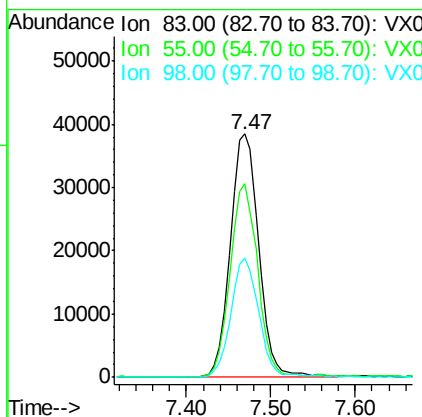
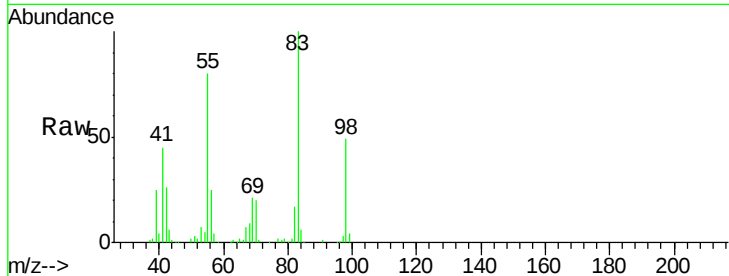
#39
Methvlcvclohexane
Concen: 18.38 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000759.D
Acq: 10 Apr 2018 20:20

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.4	61.5	92.3
98	48.9	38.1	57.1

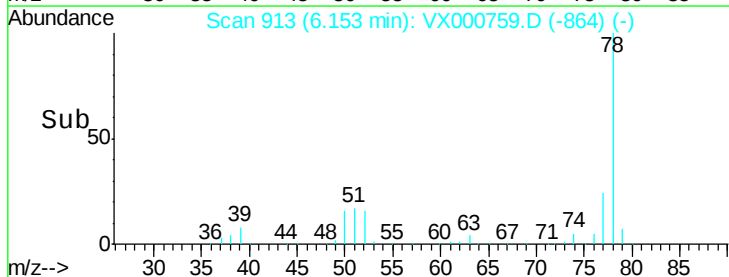
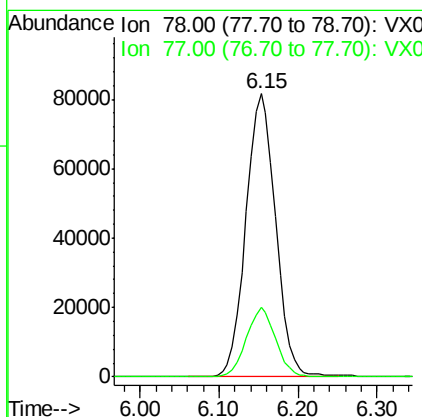
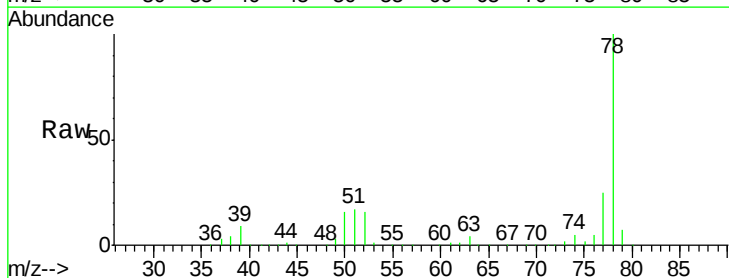
Manual Integrations
APPROVED

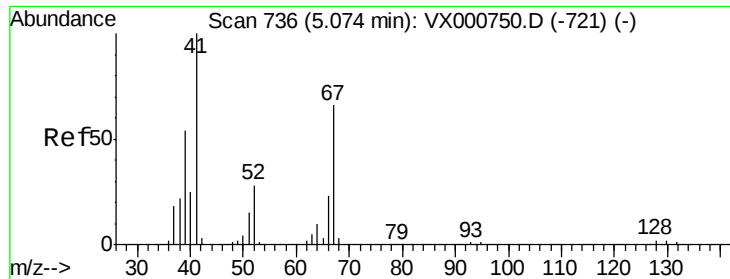
MMDadoda
4/11/2018 11:20:48 AM



#40
Benzene
Concen: 19.27 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000759.D
Acq: 10 Apr 2018 20:20

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.0	28.6





#41

Methacrylonitrile

Concen: 20.20 ug/l

RT: 5.07 min Scan# 736

Delta R.T. -0.00 min

Lab File: VX000759.D

Acq: 10 Apr 2018 20:20

Instrument :

MSVOA_X

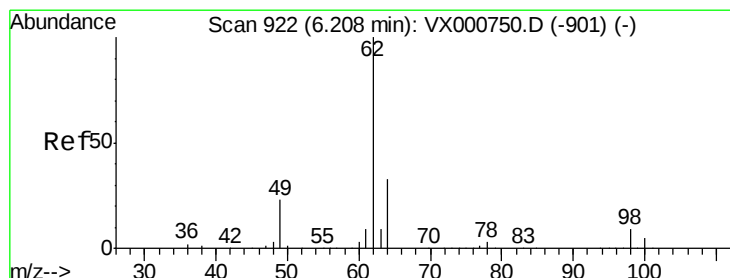
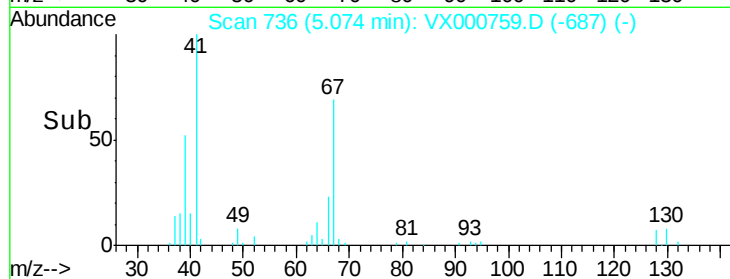
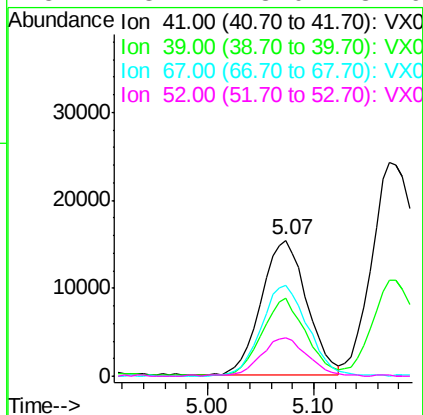
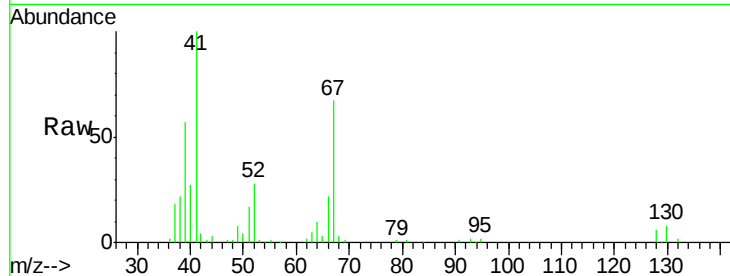
ClientSampleId :

VX0410WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.9	44.9	67.3	
67	69.2	54.7	82.1	
52	28.2	23.0	34.6	

Manual Integrations
APPROVED

MMDadoda
4/11/2018 11:20:48 AM



#42

1,2-Dichloroethane

Concen: 19.80 ug/l

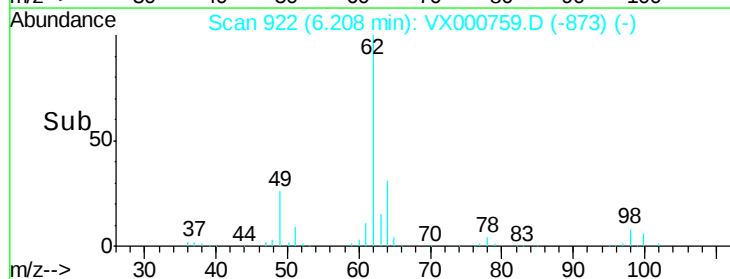
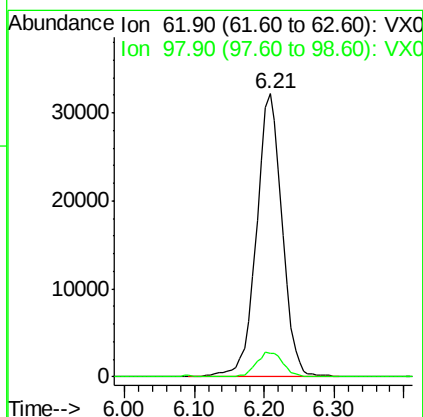
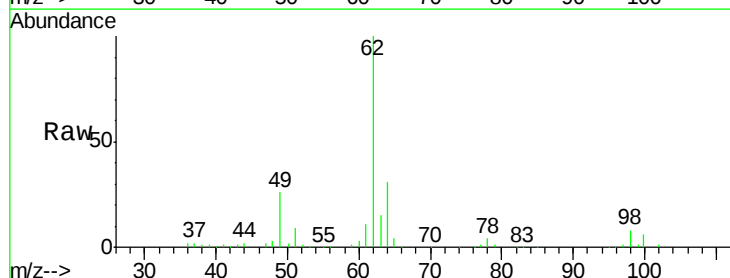
RT: 6.21 min Scan# 922

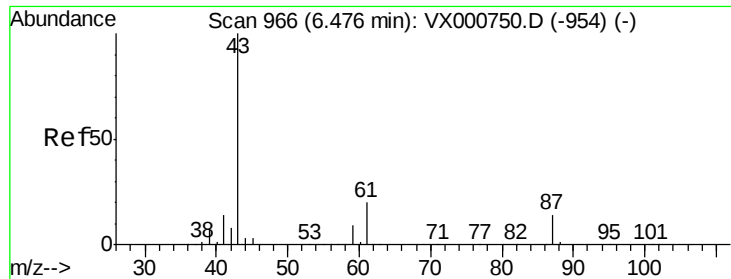
Delta R.T. -0.00 min

Lab File: VX000759.D

Acq: 10 Apr 2018 20:20

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.2	0.0	18.6	





#43

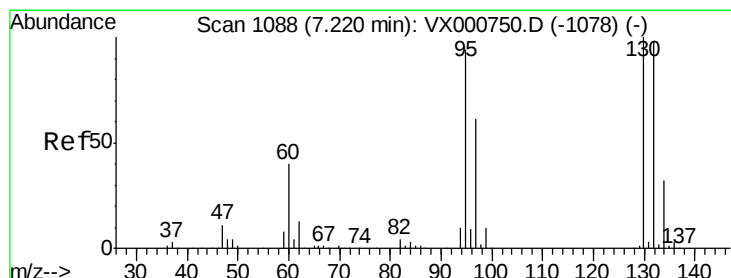
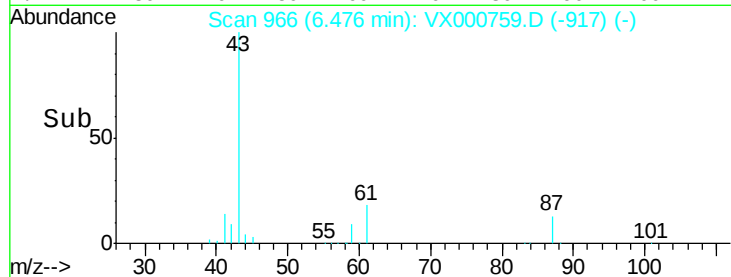
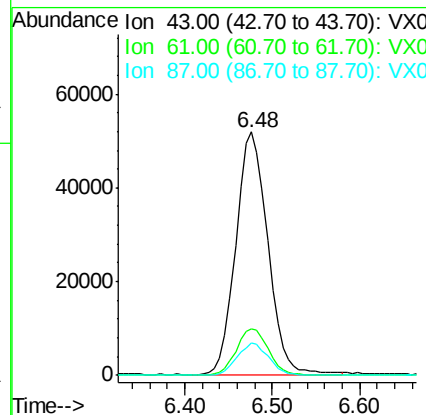
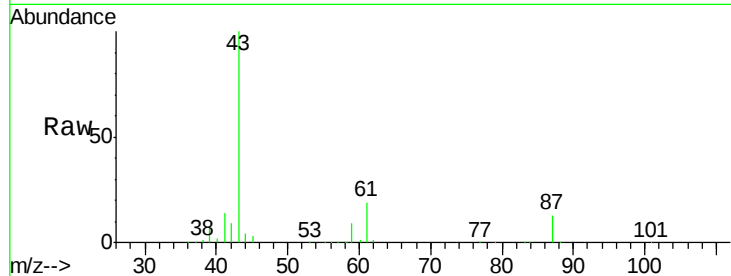
Isopropyl Acetate
 Concen: 19.63 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX000759.D
 Acq: 10 Apr 2018 20:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.6	23.4
87	13.4	10.7	16.1

Manual Integrations
 APPROVED

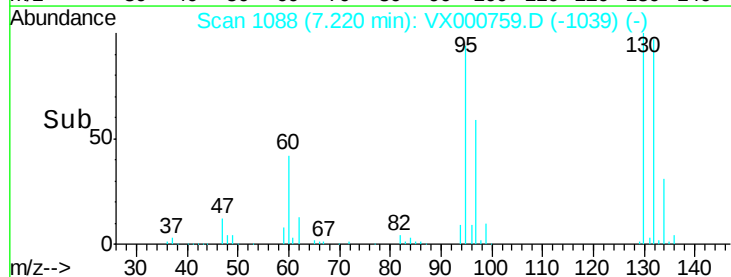
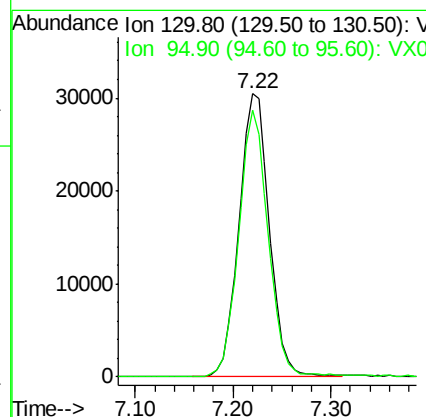
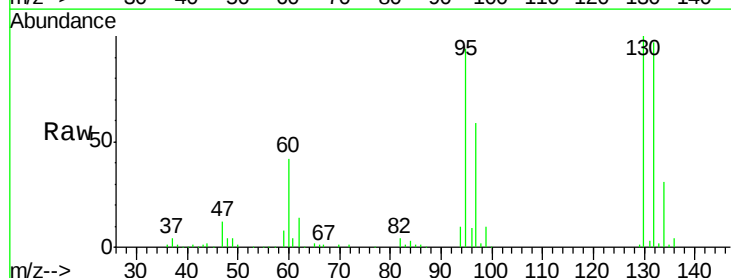
MMDadoda
 4/11/2018 11:20:48 AM

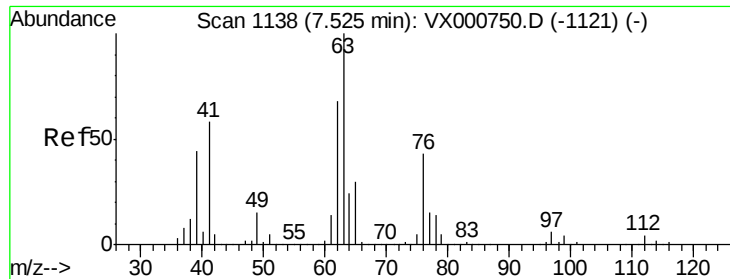


#44

Trichloroethene
 Concen: 18.99 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX000759.D
 Acq: 10 Apr 2018 20:20

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.3	0.0	187.0





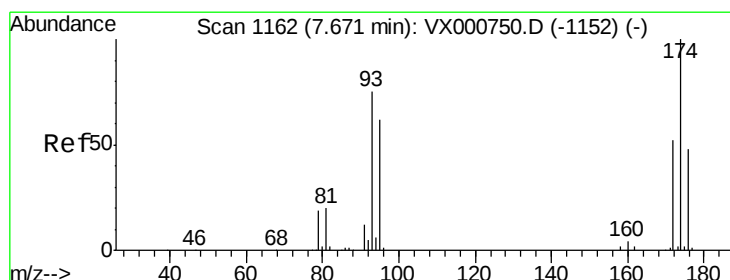
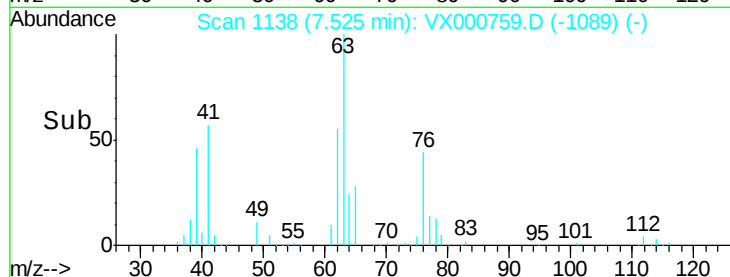
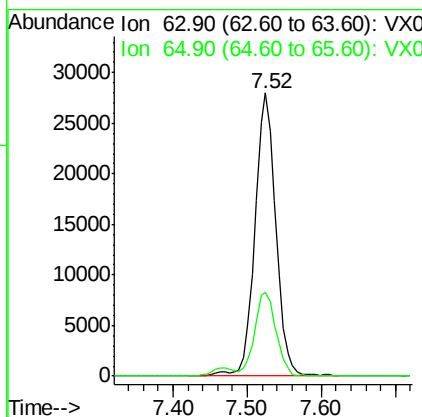
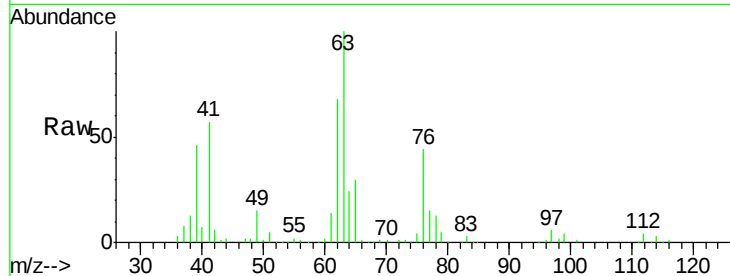
#45
 1,2-Dichloropropane
 Concen: 19.53 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000759.D
 Acq: 10 Apr 2018 20:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

Tot Ion: 63 Resp: 55203
 Ion Ratio Lower Upper
 63 100
 65 29.5 23.7 35.5

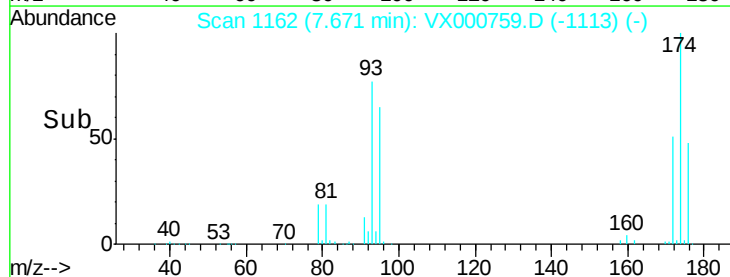
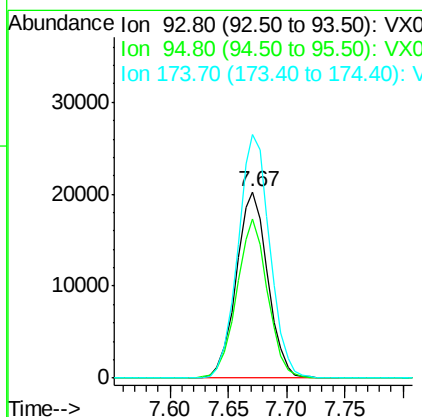
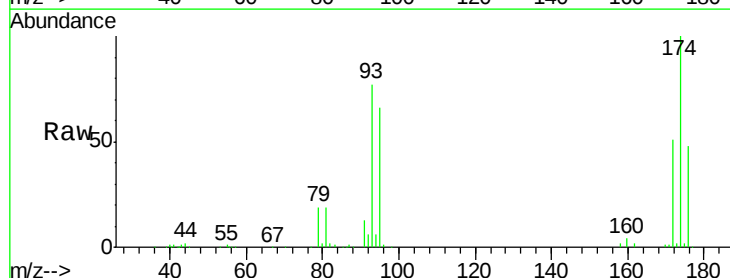
Manual Integrations
 APPROVED

MMDadoda
 4/11/2018 11:20:48 AM



#46
 Dibromomethane
 Concen: 19.34 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000759.D
 Acq: 10 Apr 2018 20:20

Tgt Ion: 93 Resp: 38112
 Ion Ratio Lower Upper
 93 100
 95 84.0 66.6 100.0
 174 132.4 104.5 156.7





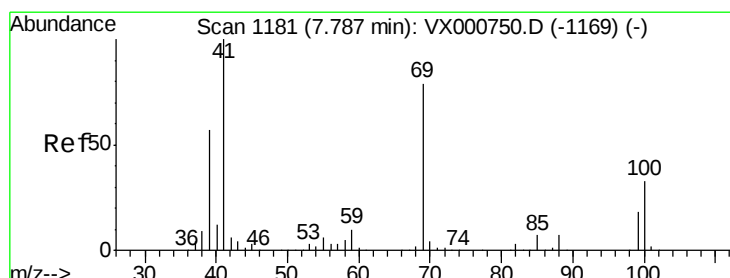
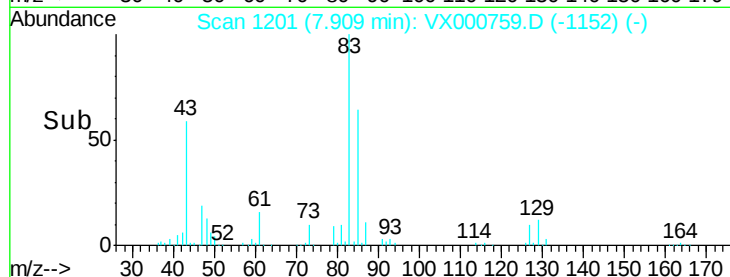
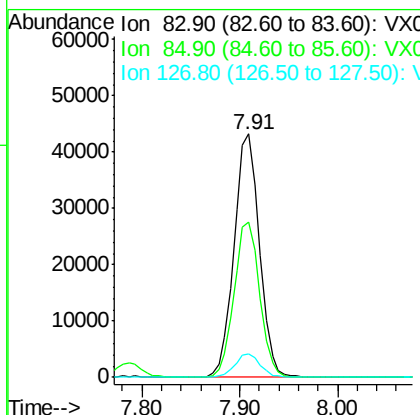
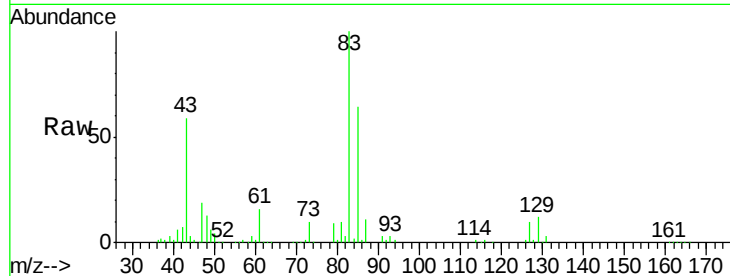
#47
Bromodichloromethane
Concen: 19.64 ug/l
RT: 7.91 min Scan# 1201
Delta R.T. -0.00 min
Lab File: VX000759.D
Acq: 10 Apr 2018 20:20

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tot Ion	83	Resp	78125
Ion Ratio	100	Lower	Upper
83	100		
85	63.9	52.2	78.4
127	9.9	7.8	11.8

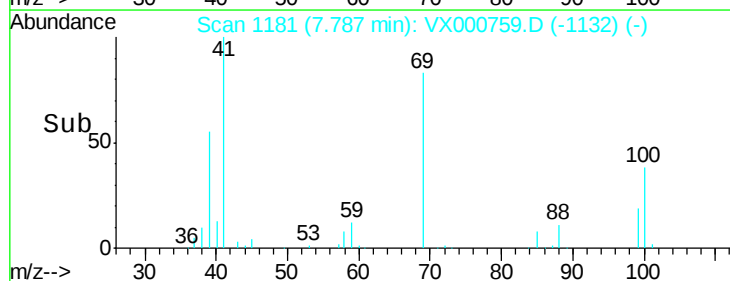
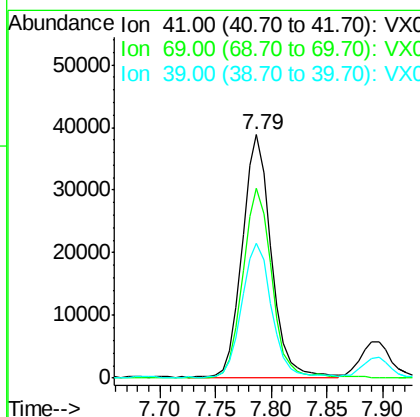
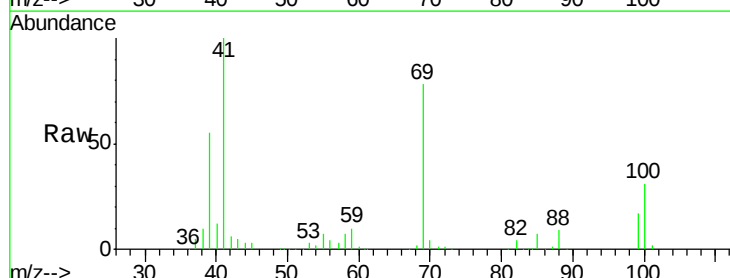
Manual Integrations
APPROVED

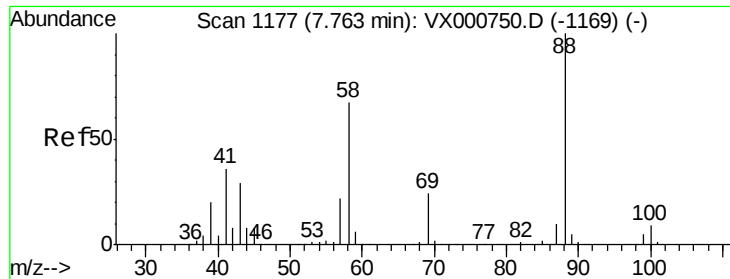
MMDadoda
4/11/2018 11:20:48 AM



#48
Methyl methacrylate
Concen: 20.09 ug/l
RT: 7.79 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VX000759.D
Acq: 10 Apr 2018 20:20

Tgt Ion	41	Resp	69617
Ion Ratio	100	Lower	Upper
41	100		
69	78.3	63.9	95.9
39	56.8	45.9	68.9





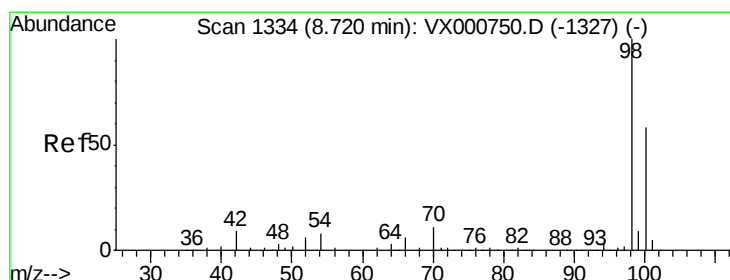
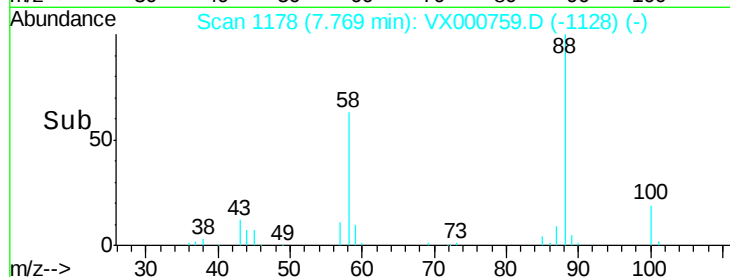
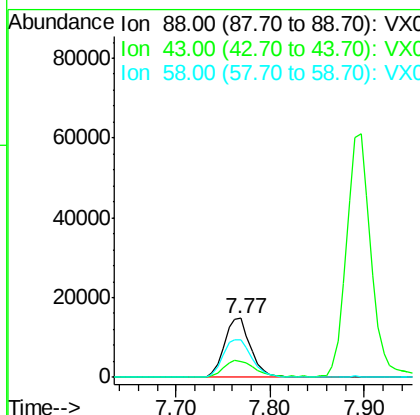
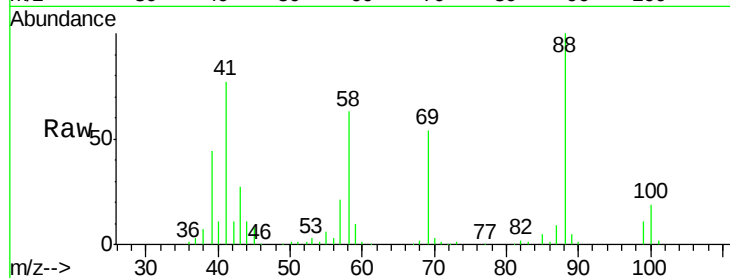
#49
1,4-Dioxane
Concen: 411.83 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX000759.D
Acq: 10 Apr 2018 20:20

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.5	25.8	38.8
58	69.7	54.4	81.6

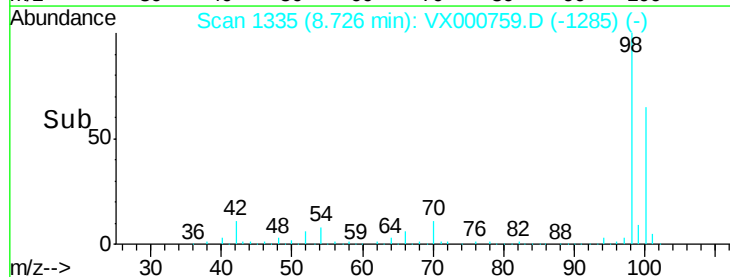
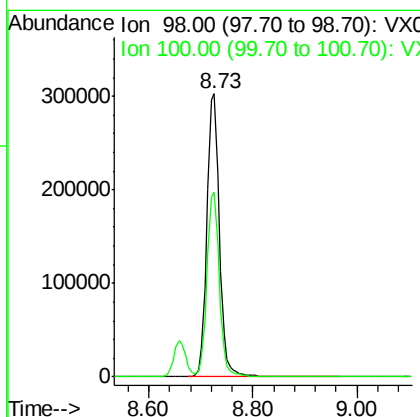
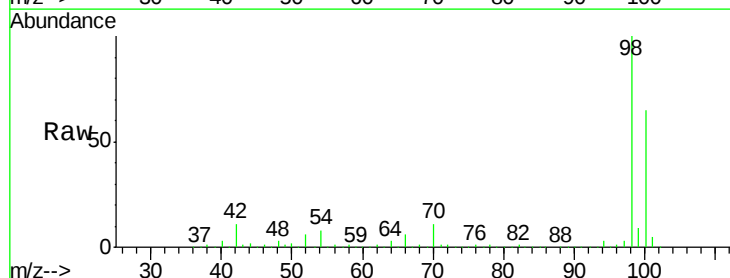
Manual Integrations
APPROVED

MMDadoda
4/11/2018 11:20:48 AM



#50
Toluene-d8
Concen: 48.28 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.01 min
Lab File: VX000759.D
Acq: 10 Apr 2018 20:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.6	79.0





#51

4-Methyl-2-Pentanone

Concen: 102.82 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000759.D

Acq: 10 Apr 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

Tot Ion: 43 Resp: 403810

Ion Ratio Lower Upper

43 100

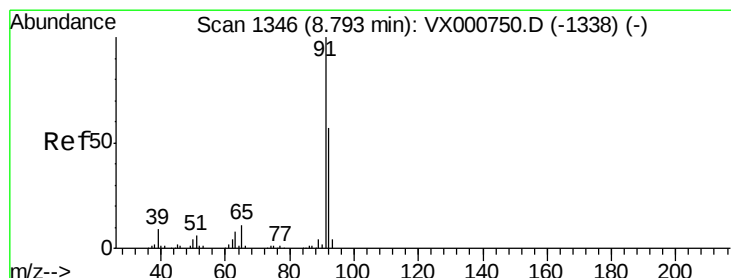
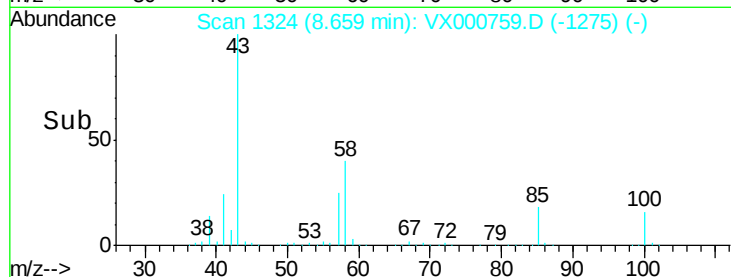
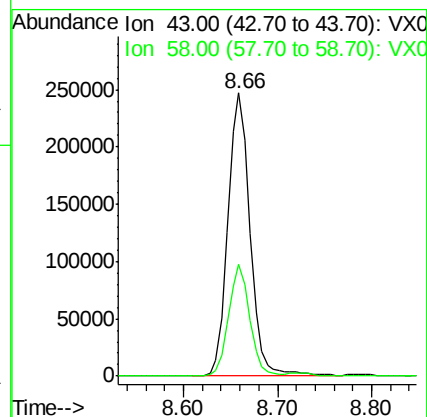
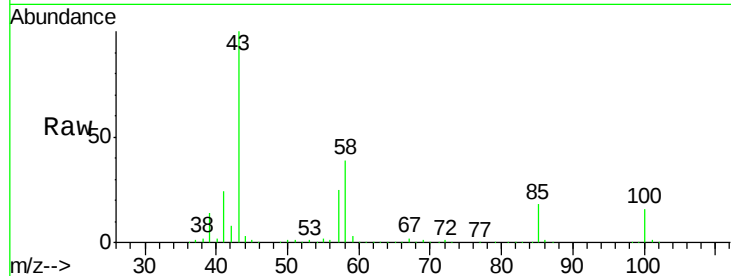
58 37.4 30.3 45.5

Manual Integrations

APPROVED

MMDadoda

4/11/2018 11:20:48 AM



#52

Toluene

Concen: 19.12 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000759.D

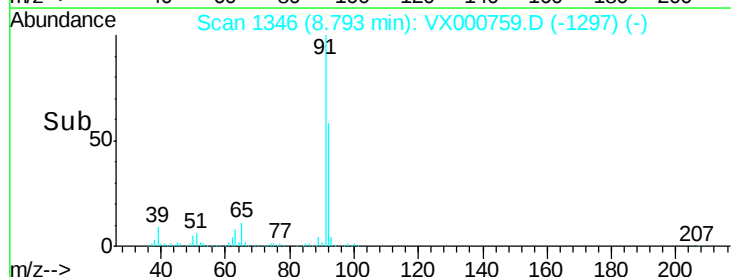
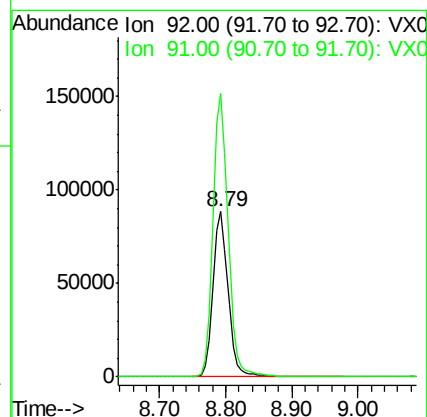
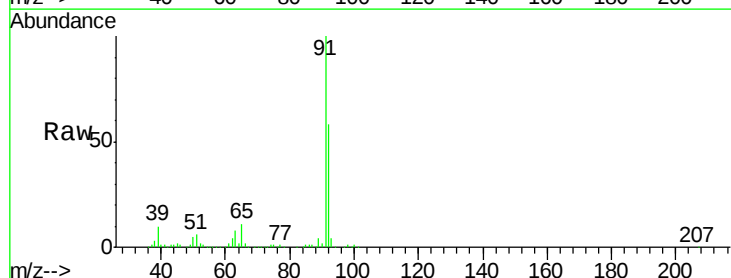
Acq: 10 Apr 2018 20:20

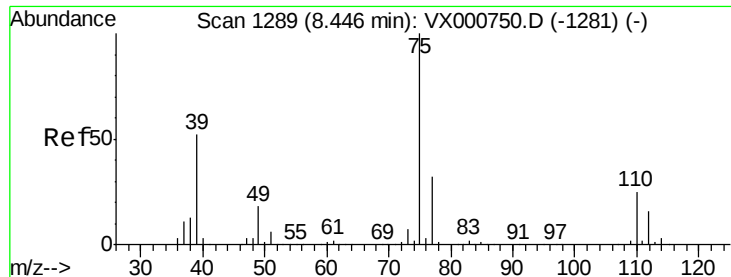
Tgt Ion: 92 Resp: 140761

Ion Ratio Lower Upper

92 100

91 172.4 139.0 208.4





#53

t-1,3-Dichloropropene

Concen: 19.31 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000759.D

Acq: 10 Apr 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

Tot Ion: 75 Resp: 92120

Ion Ratio Lower Upper

75 100

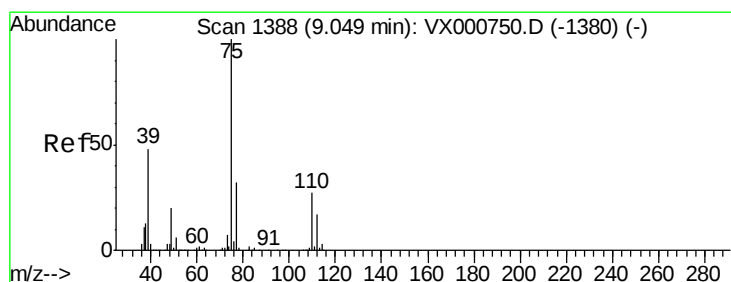
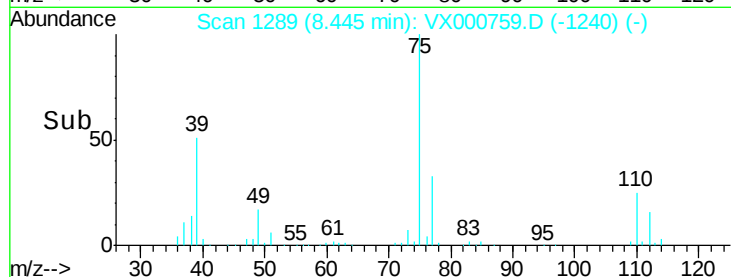
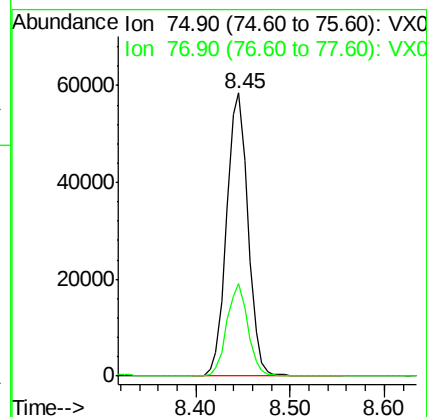
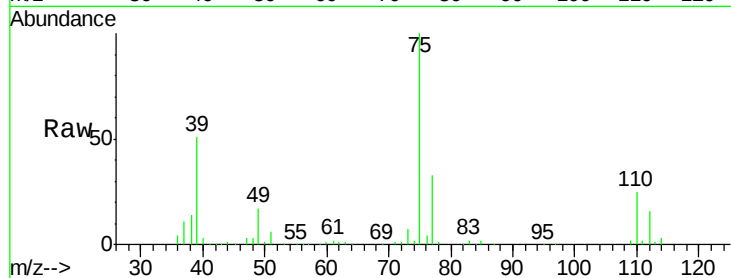
77 32.7 25.4 38.2

Manual Integrations

APPROVED

MMDadoda

4/11/2018 11:20:48 AM



#54

cis-1,3-Dichloropropene

Concen: 19.26 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000759.D

Acq: 10 Apr 2018 20:20

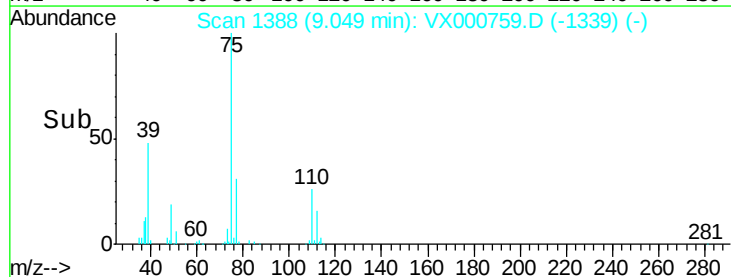
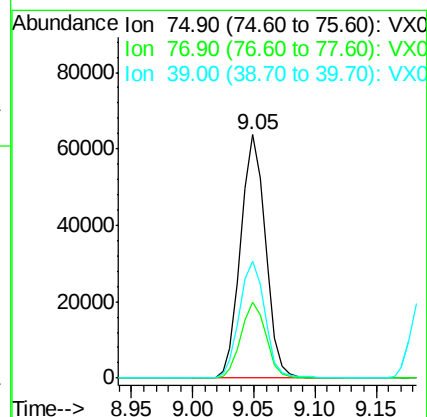
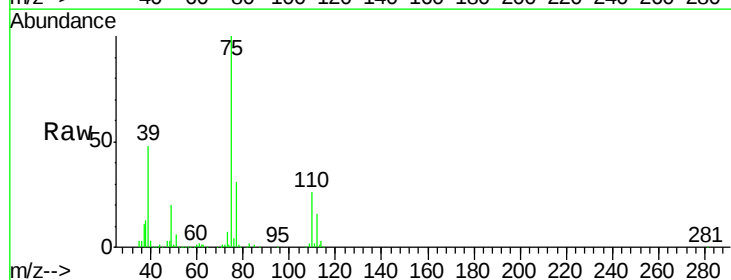
Tgt Ion: 75 Resp: 89463

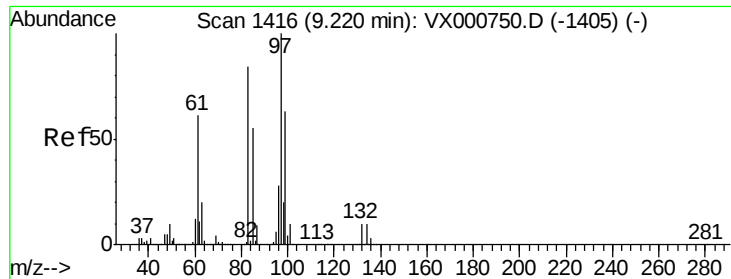
Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.2

39 48.0 38.6 58.0





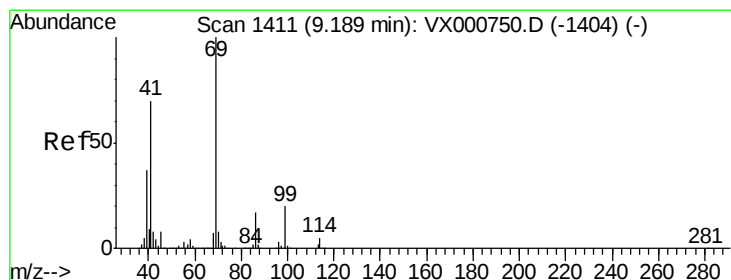
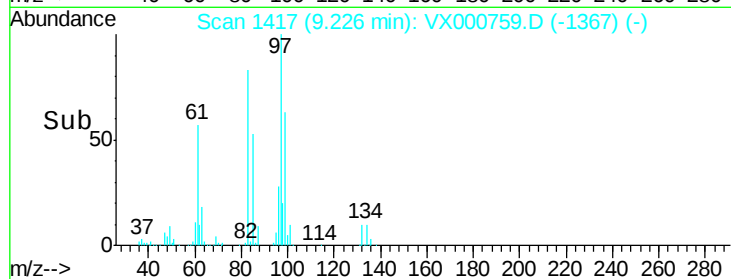
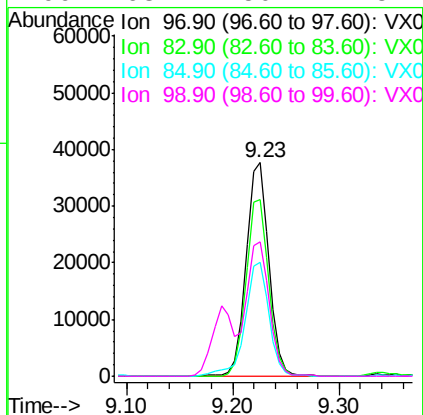
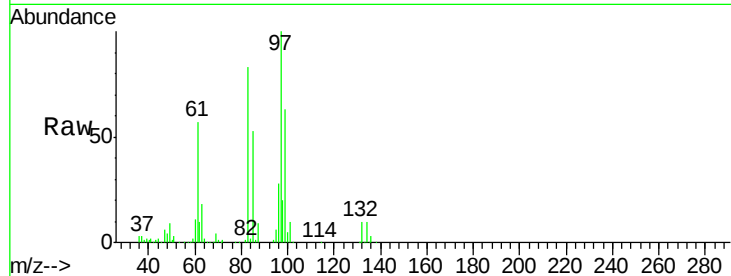
#55
 1,1,2-Trichloroethane
 Concen: 19.38 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: VX000759.D
 Acq: 10 Apr 2018 20:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

Tot Ion:	97	Resp:	56643
Ion	Ratio	Lower	Upper
97	100		
83	82.8	67.6	101.4
85	53.4	43.8	65.6
99	63.1	50.2	75.4

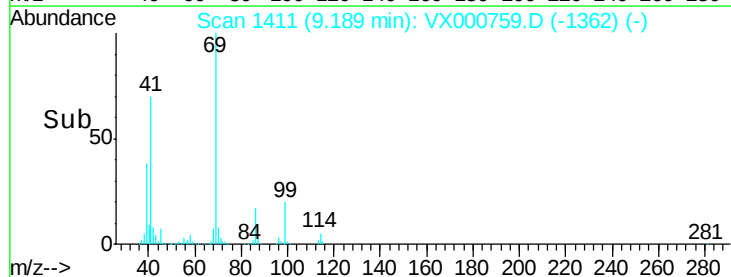
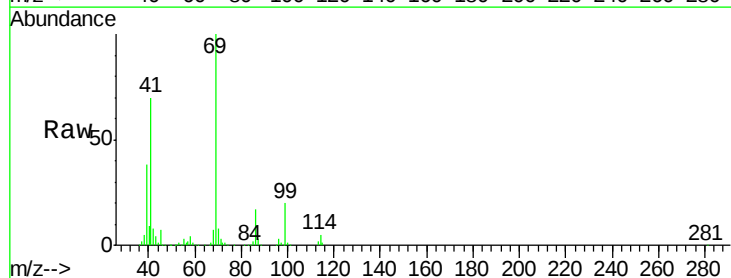
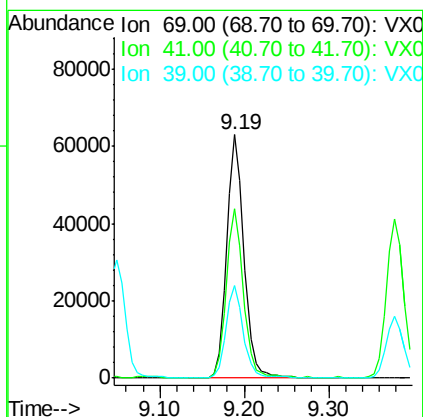
Manual Integrations
 APPROVED

MMDadoda
 4/11/2018 11:20:48 AM



#56
 Ethyl methacrylate
 Concen: 19.61 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000759.D
 Acq: 10 Apr 2018 20:20

Tgt Ion:	69	Resp:	88443
Ion	Ratio	Lower	Upper
69	100		
41	69.3	55.6	83.4
39	37.4	30.3	45.5





#57

1,3-Dichloropropane

Concen: 20.03 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000759.D

Acq: 10 Apr 2018 20:20

Instrument :

MSVOA_X

ClientSampled :

VX0410WBSD01

Tot Ion: 76 Resp: 93082

Ion Ratio Lower Upper

76 100

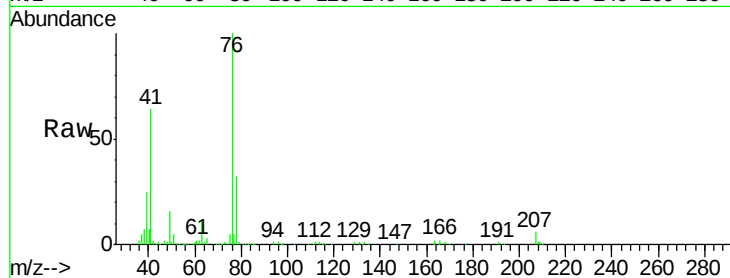
78 32.2 25.8 38.6

Manual Integrations

APPROVED

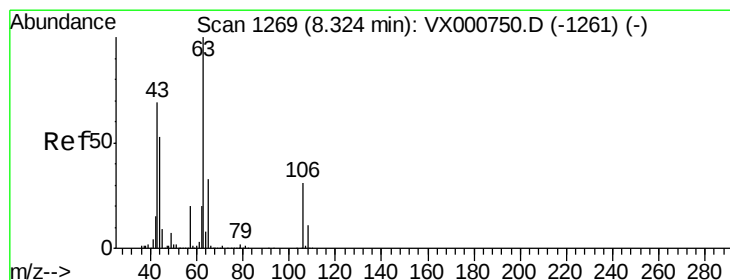
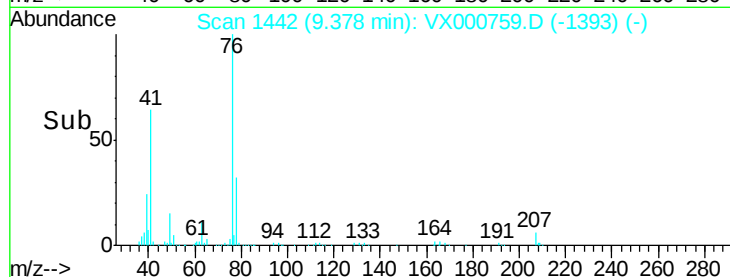
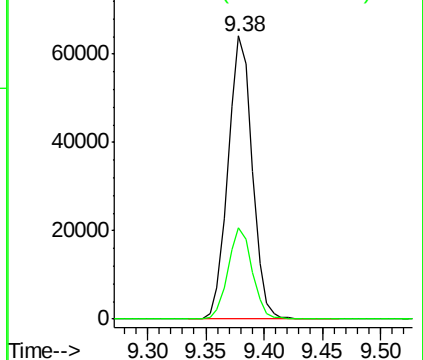
MMDadoda

4/11/2018 11:20:48 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 102.99 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX000759.D

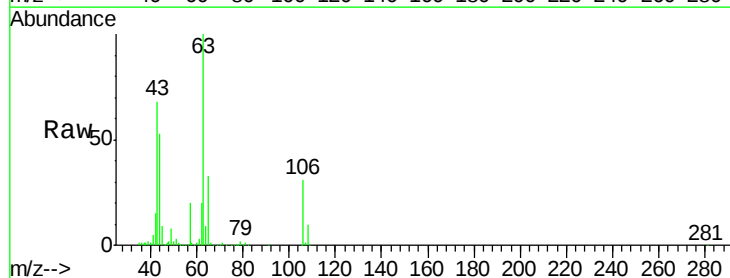
Acq: 10 Apr 2018 20:20

Tgt Ion: 63 Resp: 216987

Ion Ratio Lower Upper

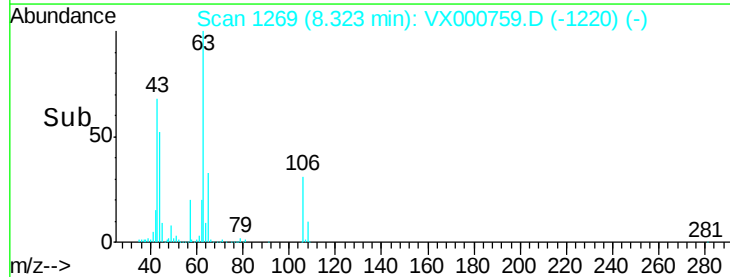
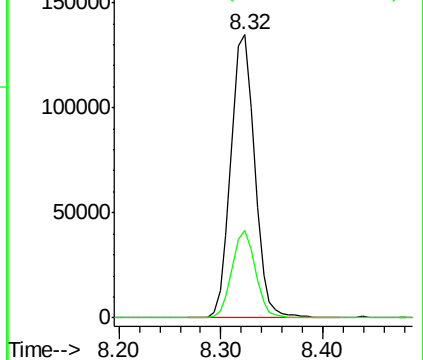
63 100

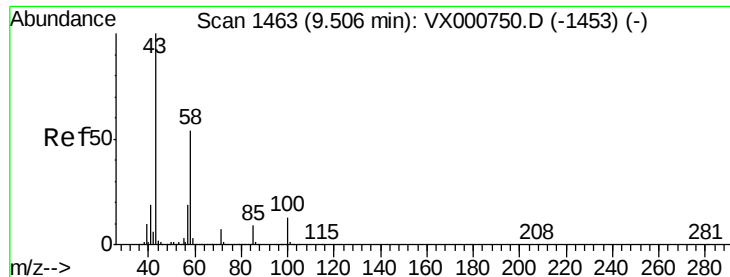
106 30.4 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





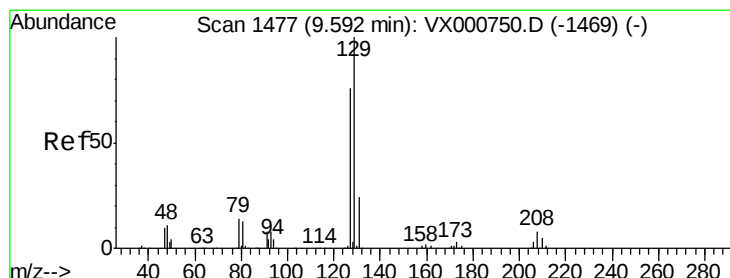
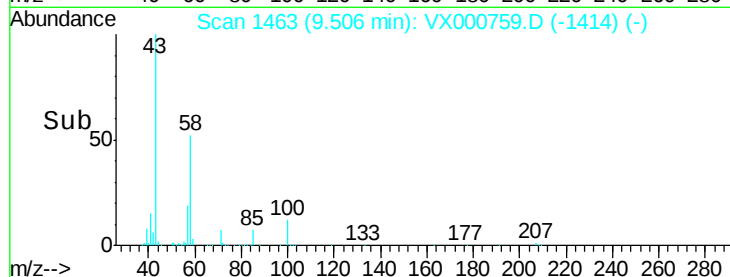
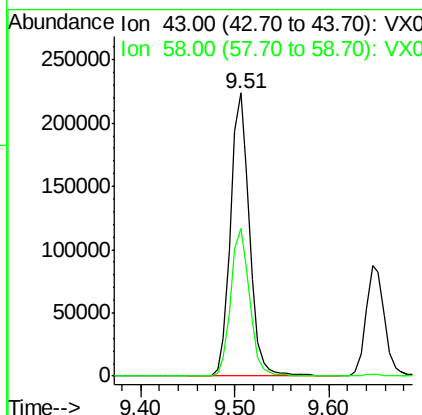
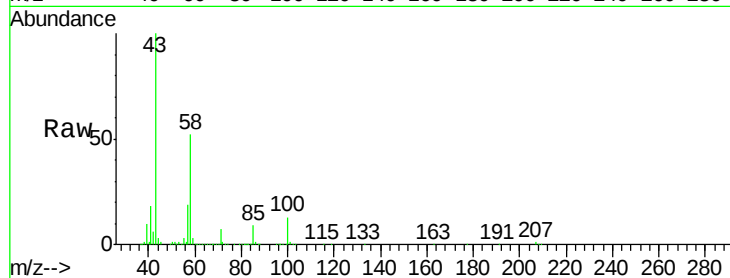
#59
2-Hexanone
Concen: 102.52 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000759.D
Acq: 10 Apr 2018 20:20

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tot Ion: 43 Resp: 310833
Ion Ratio Lower Upper
43 100
58 52.6 26.5 79.5

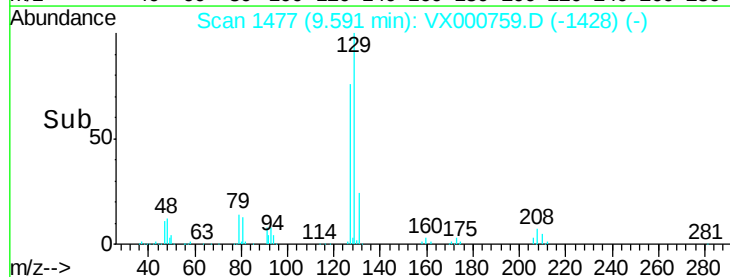
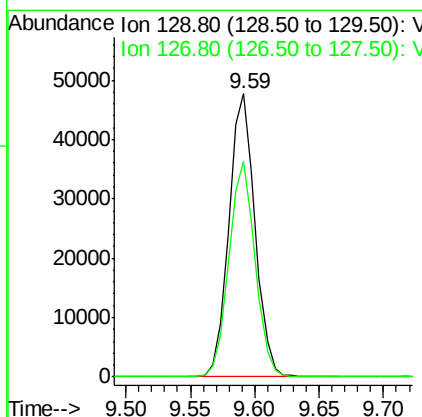
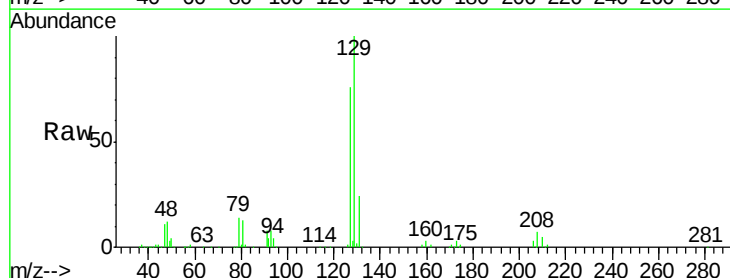
Manual Integrations
APPROVED

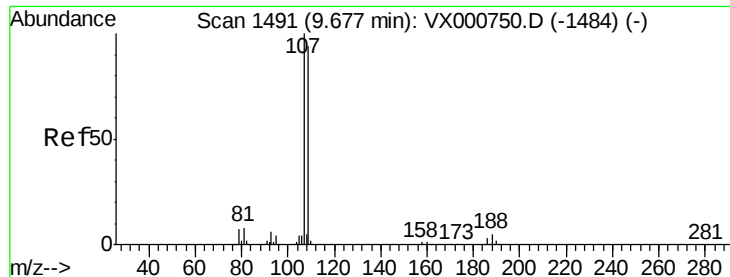
MMDadoda
4/11/2018 11:20:48 AM



#60
Dibromochloromethane
Concen: 19.35 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000759.D
Acq: 10 Apr 2018 20:20

Tgt Ion: 129 Resp: 67668
Ion Ratio Lower Upper
129 100
127 76.4 38.4 115.1





#61

1,2-Dibromoethane

Concen: 19.59 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX000759.D

Acq: 10 Apr 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

Tot Ion:107 Resp: 60764

Ion Ratio Lower Upper

107 100

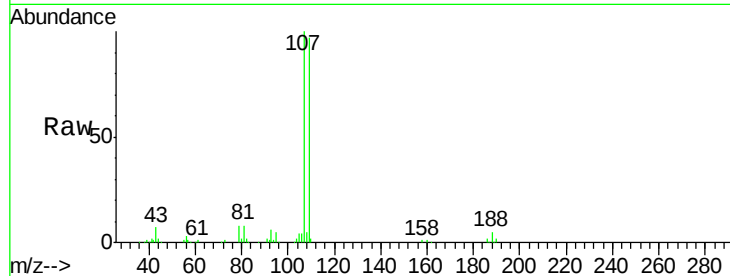
109 94.9 76.2 114.4

Manual Integrations

APPROVED

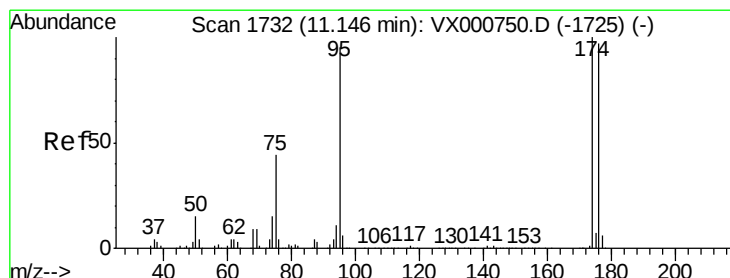
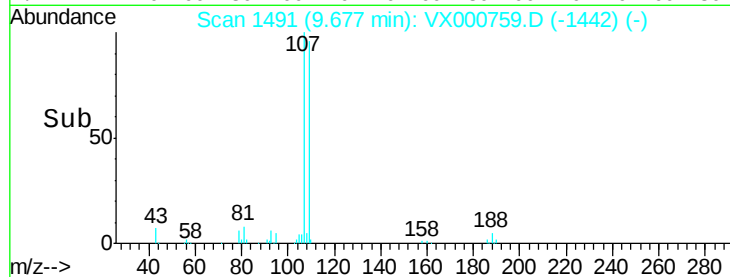
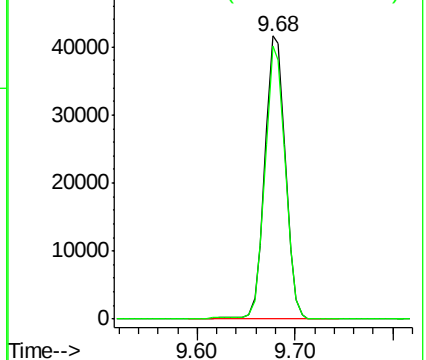
MMDadoda

4/11/2018 11:20:48 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.03 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000759.D

Acq: 10 Apr 2018 20:20

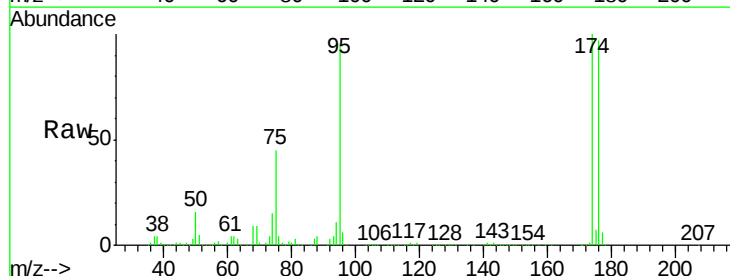
Tgt Ion: 95 Resp: 202446

Ion Ratio Lower Upper

95 100

174 98.6 0.0 198.4

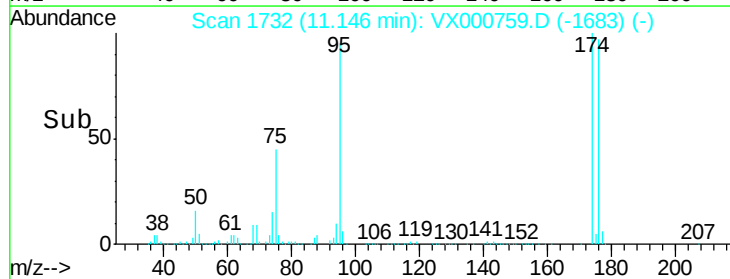
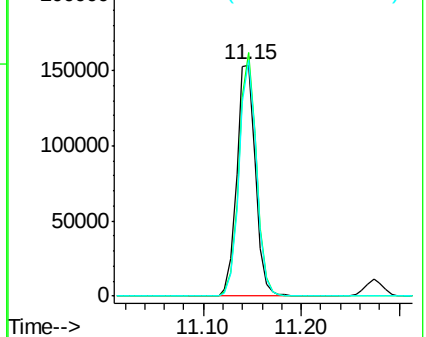
176 95.8 0.0 194.4

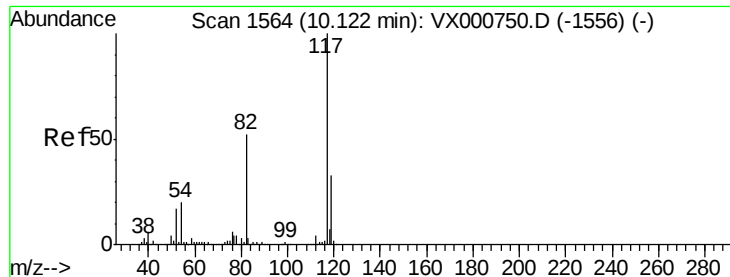


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





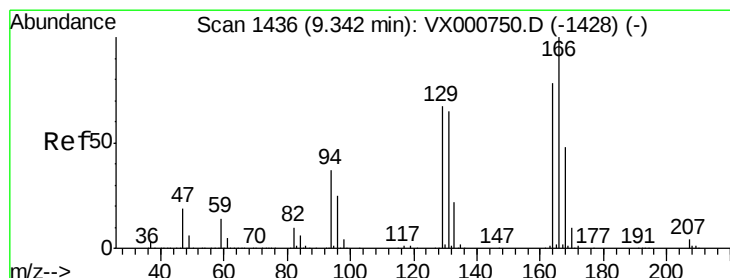
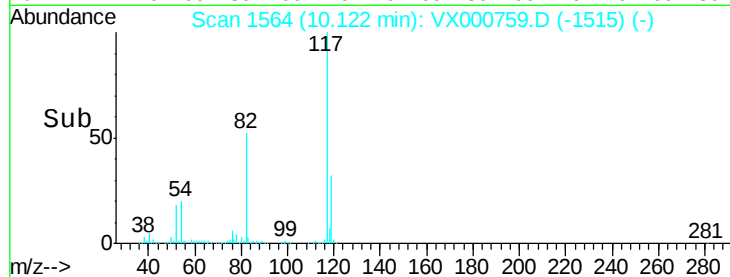
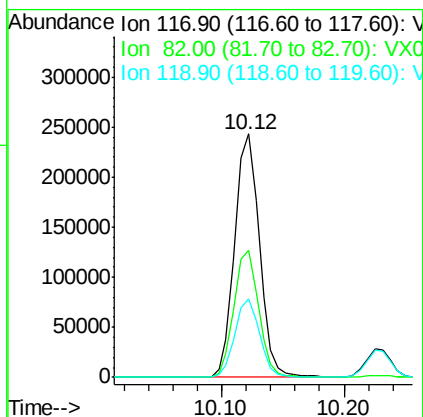
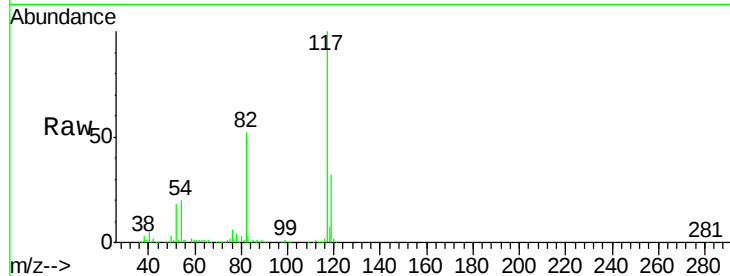
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000759.D
Acq: 10 Apr 2018 20:20

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	41.9	62.9
119	32.1	26.0	39.0

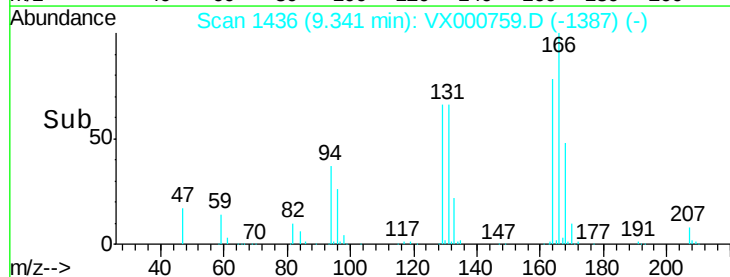
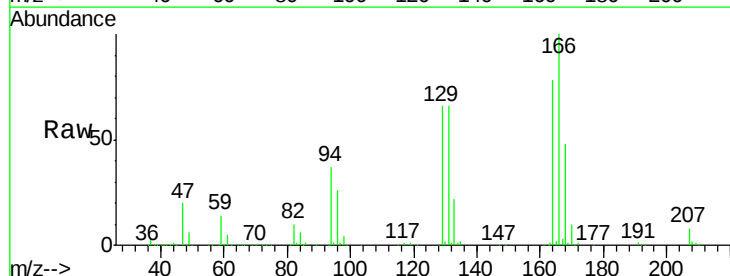
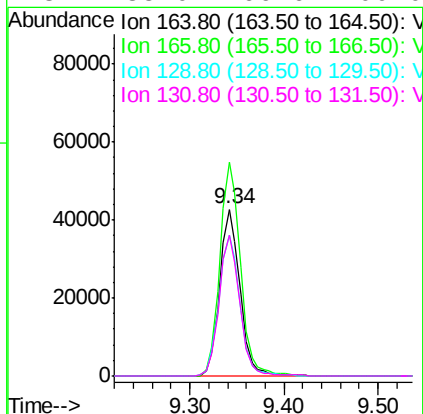
Manual Integrations
APPROVED

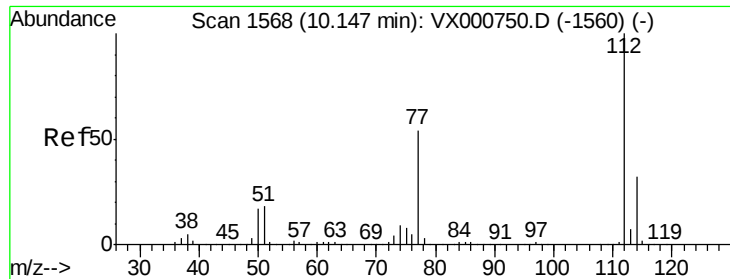
MMDadoda
4/11/2018 11:20:48 AM



#64
Tetrachloroethene
Concen: 19.22 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000759.D
Acq: 10 Apr 2018 20:20

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.3	102.8	154.2
129	84.6	68.5	102.7
131	85.0	66.6	100.0





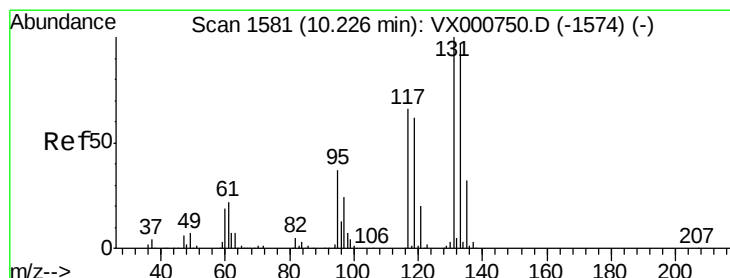
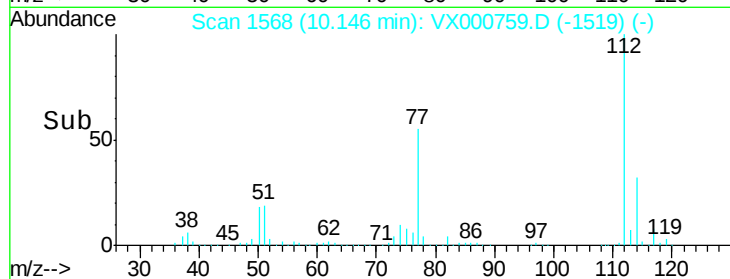
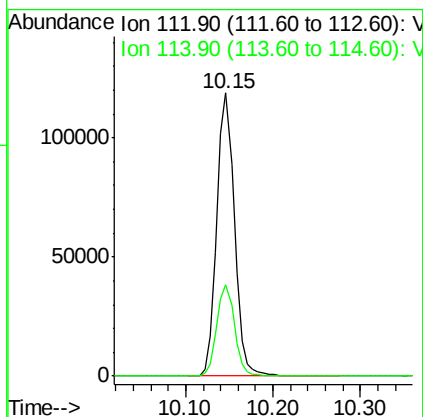
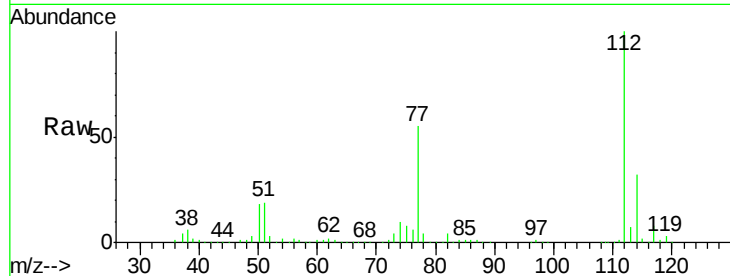
#65
Chlorobenzene
Concen: 19.33 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000759.D
Acq: 10 Apr 2018 20:20

Instrument :
MSVOA_X
ClientSampled :
VX0410WBSD01

Tot Ion:112 Resp: 165823
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.8

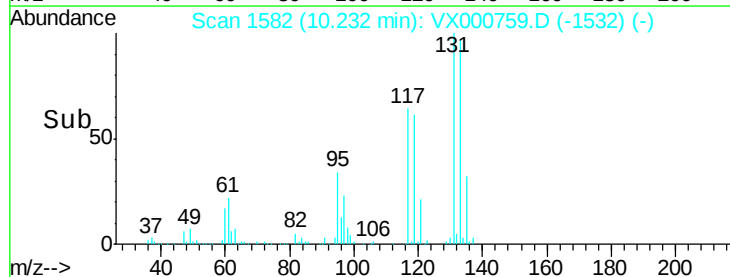
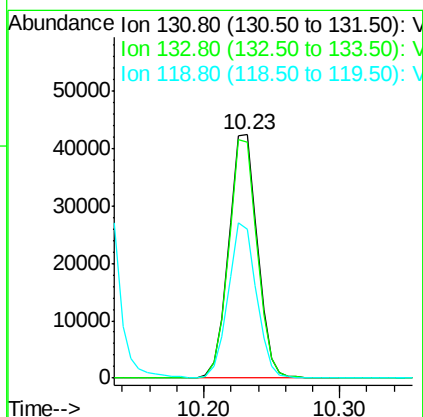
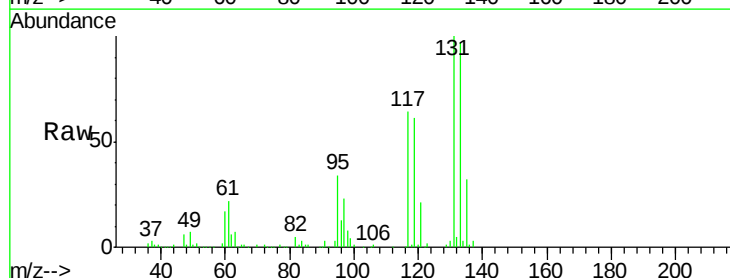
Manual Integrations
APPROVED

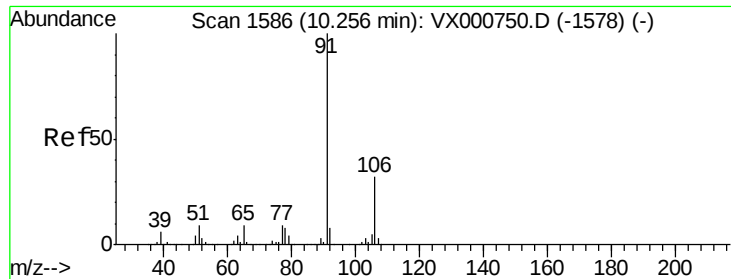
MMDadoda
4/11/2018 11:20:48 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.26 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. 0.01 min
Lab File: VX000759.D
Acq: 10 Apr 2018 20:20

Tgt Ion:131 Resp: 62203
Ion Ratio Lower Upper
131 100
133 96.7 48.3 144.9
119 62.8 31.4 94.0





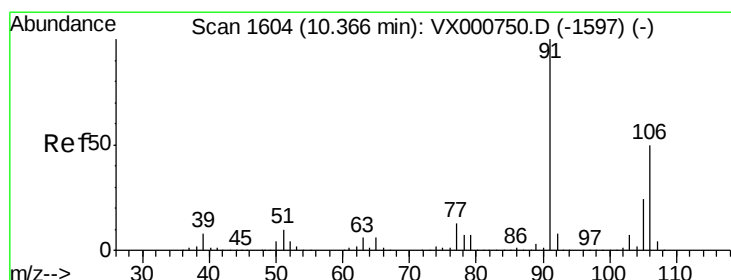
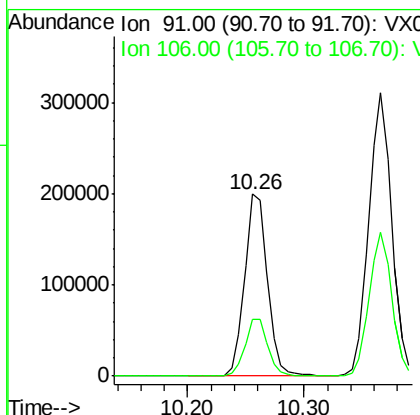
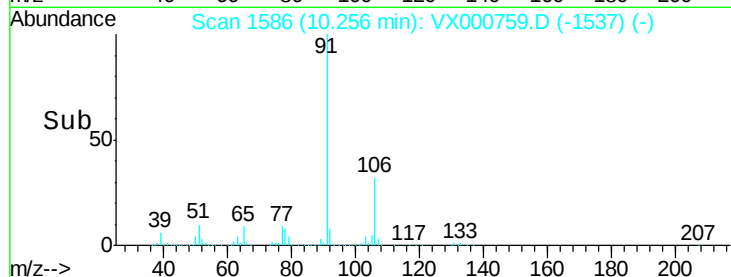
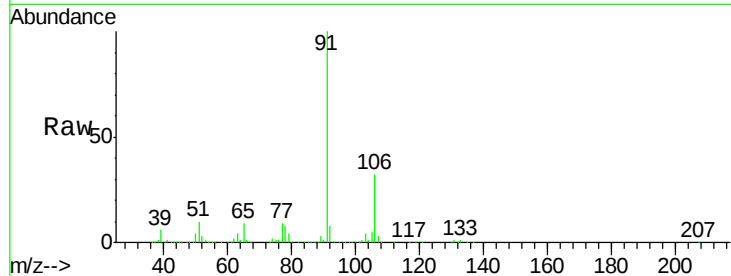
#67
Ethyl Benzene
Concen: 19.22 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX000759.D
Acq: 10 Apr 2018 20:20

Instrument :
MSVOA_X
ClientSampled :
VX0410WBSD01

Tot Ion: 91 Resp: 274975
Ion Ratio Lower Upper
91 100
106 31.6 25.4 38.0

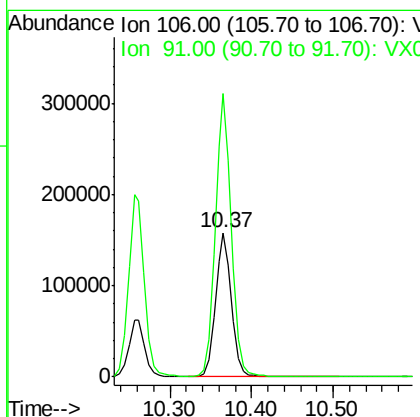
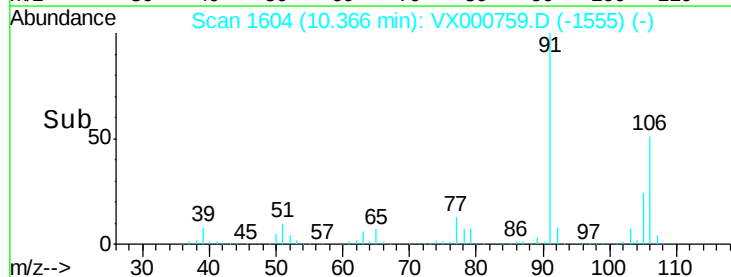
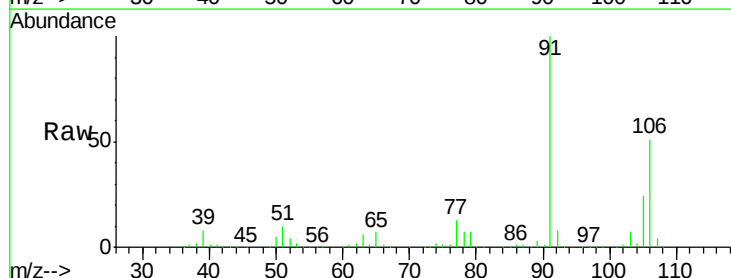
Manual Integrations
APPROVED

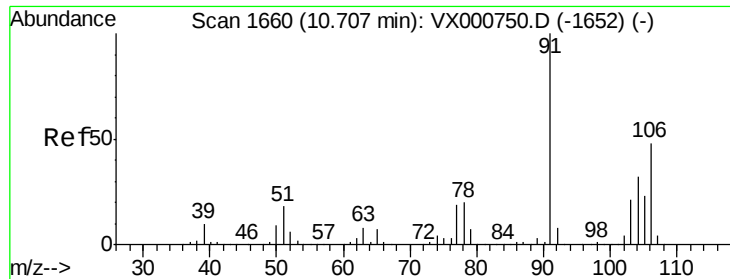
MMDadoda
4/11/2018 11:20:48 AM



#68
m/p-Xylenes
Concen: 38.27 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000759.D
Acq: 10 Apr 2018 20:20

Tgt Ion:106 Resp: 216066
Ion Ratio Lower Upper
106 100
91 198.5 159.3 238.9





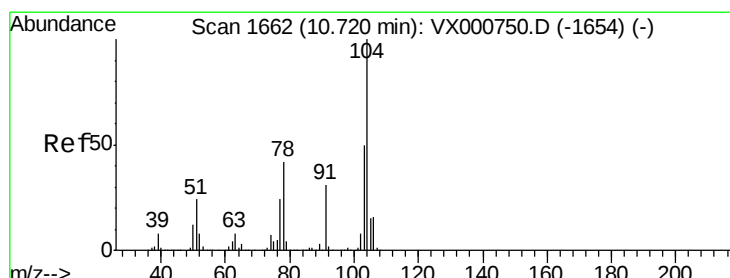
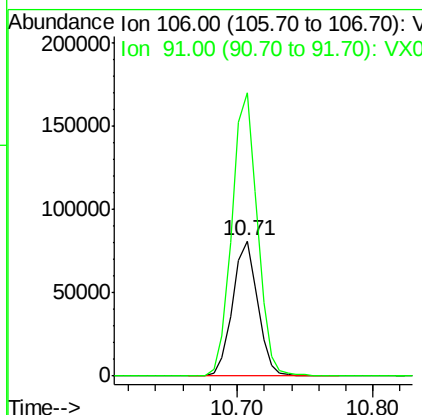
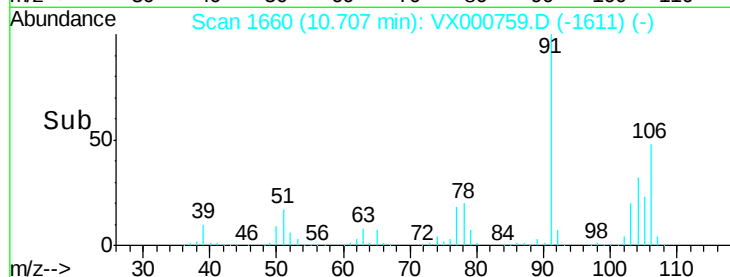
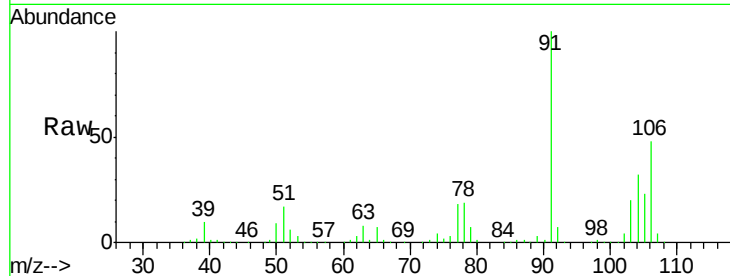
#69
o-Xylene
Concen: 19.29 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000759.D
Acq: 10 Apr 2018 20:20

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tot Ion:106 Resp: 104988
Ion Ratio Lower Upper
106 100
91 212.5 105.0 315.0

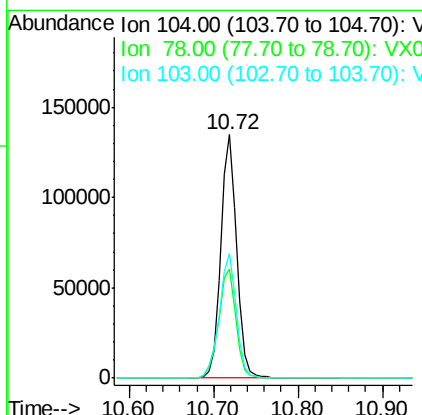
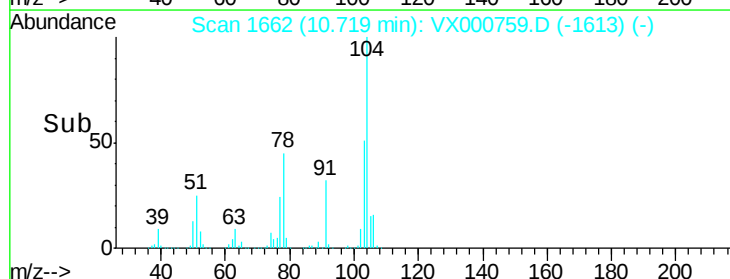
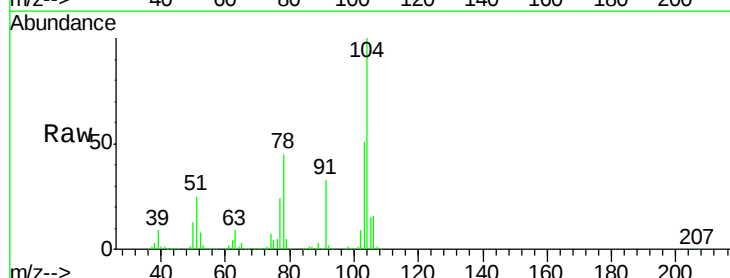
Manual Integrations
APPROVED

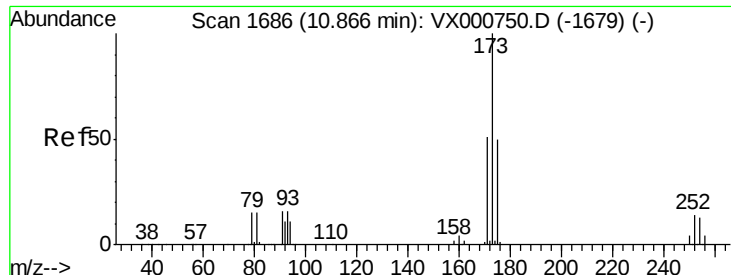
MMDadoda
4/11/2018 11:20:48 AM



#70
Styrene
Concen: 19.17 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000759.D
Acq: 10 Apr 2018 20:20

Tgt Ion:104 Resp: 175867
Ion Ratio Lower Upper
104 100
78 49.7 39.0 58.6
103 54.9 44.1 66.1





#71

Bromoform

Concen: 19.13 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000759.D

Acq: 10 Apr 2018 20:20

Instrument :

MSVOA_X

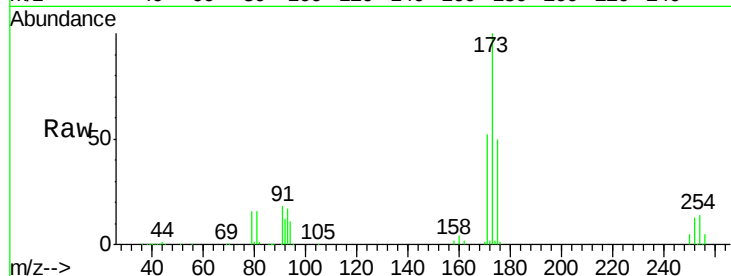
ClientSampleId :

VX0410WBSD01

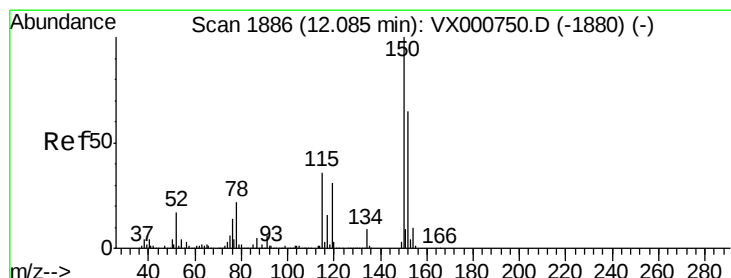
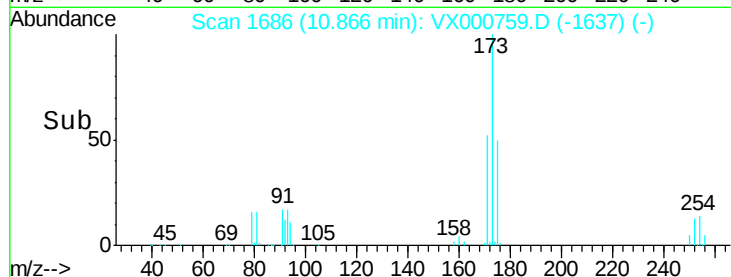
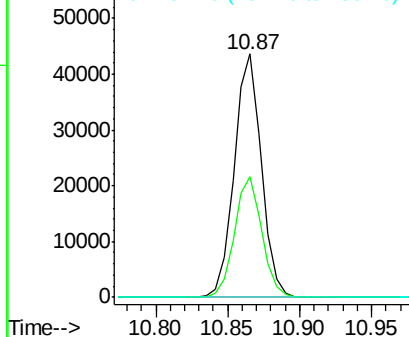
Tot Ion:	173	Resp:	57187
Ion Ratio	Lower	Upper	
173	100		
175	49.6	24.5	73.5
254	0.2	0.2	0.2

Manual Integrations
APPROVED

MMDadoda
4/11/2018 11:20:48 AM



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

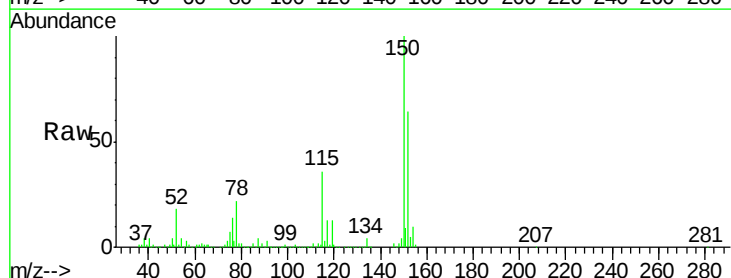
RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

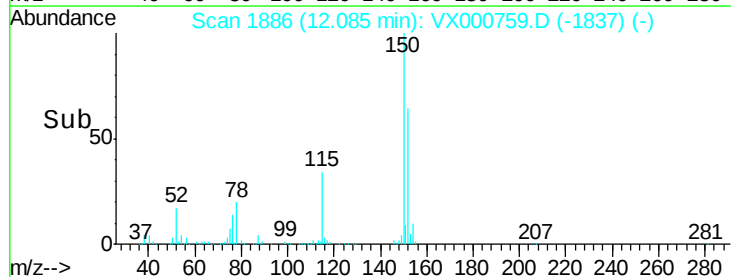
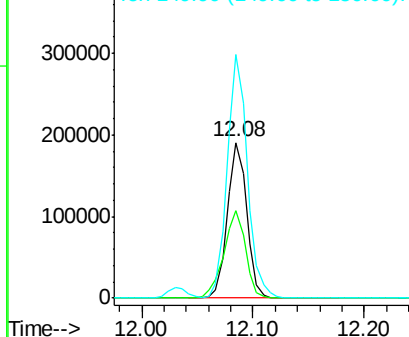
Lab File: VX000759.D

Acq: 10 Apr 2018 20:20

Tgt Ion:	152	Resp:	228655
Ion Ratio	Lower	Upper	
152	100		
115	62.9	37.9	113.7
150	162.6	0.0	348.0



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





#73

Isopropylbenzene

Concen: 19.58 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000759.D

Acq: 10 Apr 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

Tot Ion: 105 Resp: 283958

Ion Ratio Lower Upper

105 100

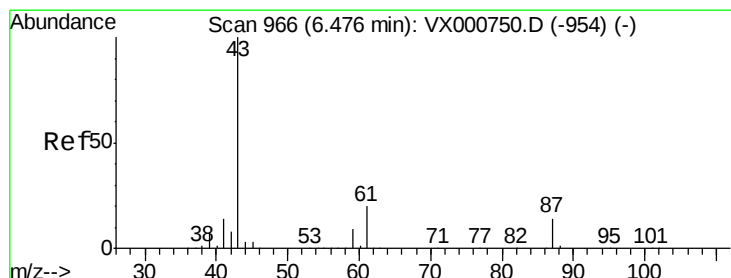
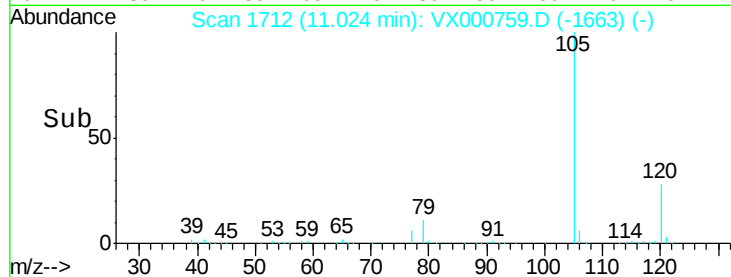
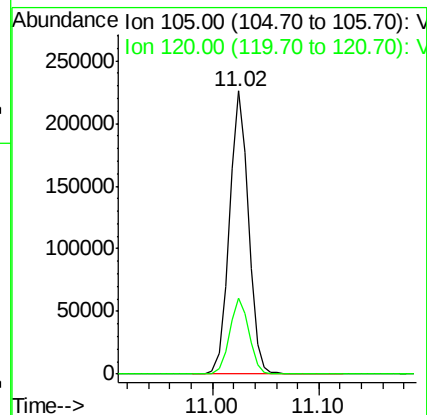
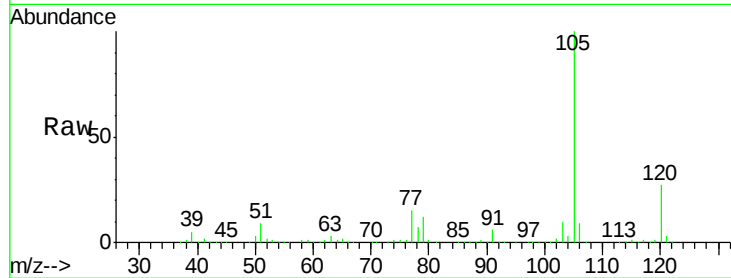
120 27.2 13.7 41.0

Manual Integrations

APPROVED

MMDadoda

4/11/2018 11:20:48 AM



#74

N-ethyl acetate

Concen: 20.09 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000759.D

Acq: 10 Apr 2018 20:20

Tgt Ion: 43 Resp: 131209

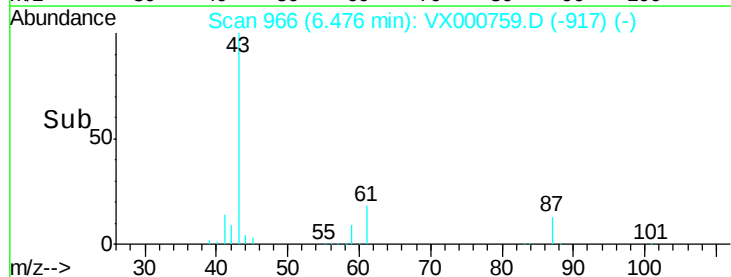
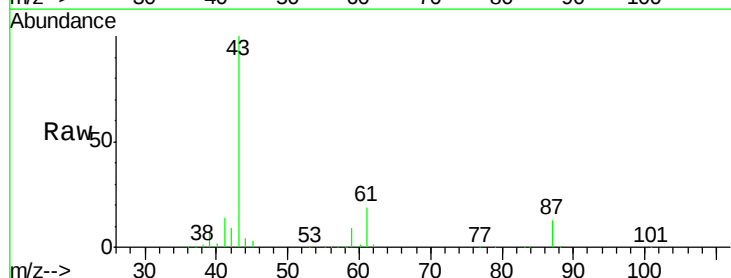
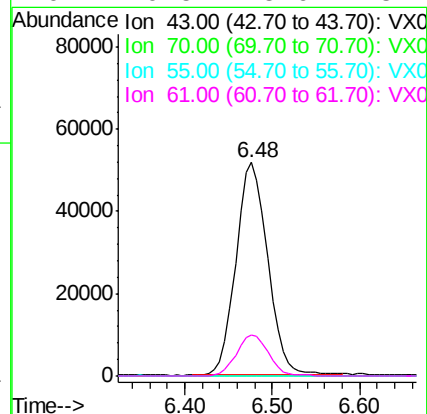
Ion Ratio Lower Upper

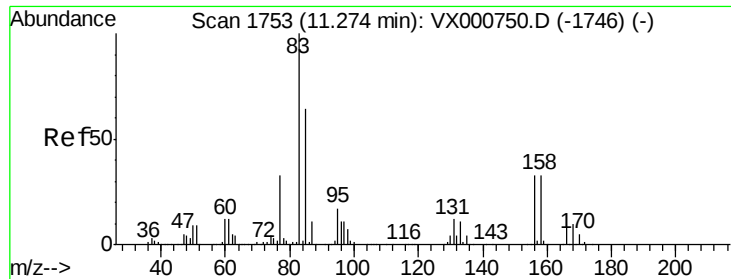
43 100

70 0.0 0.0 0.0#

55 0.0 0.0 0.0

61 19.5 15.6 23.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.08 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000759.D

Acq: 10 Apr 2018 20:20

Instrument :

MSVOA_X

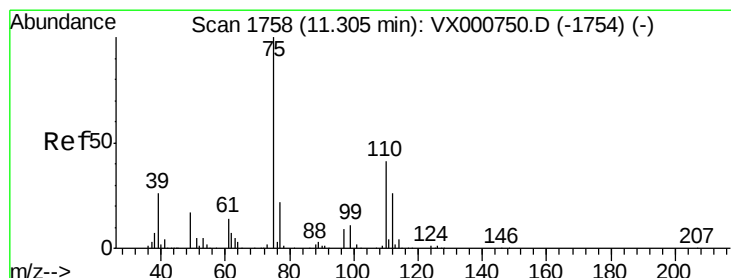
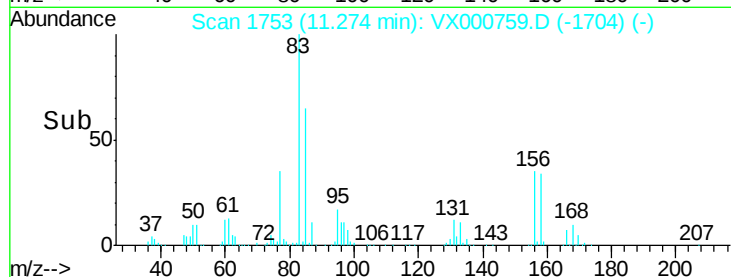
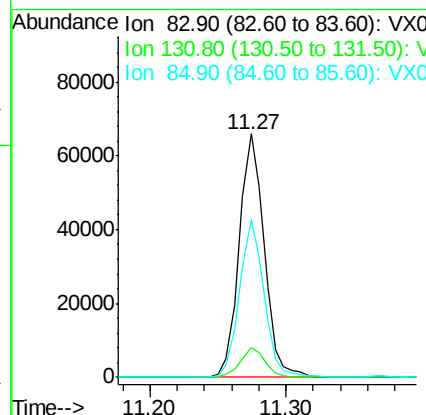
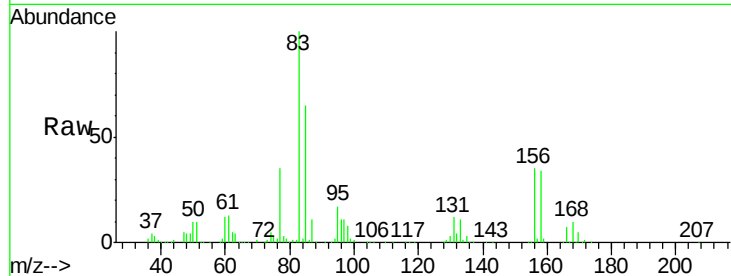
ClientSampleId :

VX0410WBSD01

Tot Ion:	83	Resp:	84519
Ion	Ratio	Lower	Upper
83	100		
131	11.9	6.0	18.0
85	63.9	32.3	96.8

Manual Integrations
APPROVED

MMDadoda
4/11/2018 11:20:48 AM



#76

1,2,3-Trichloropropane

Concen: 20.30 ug/l m

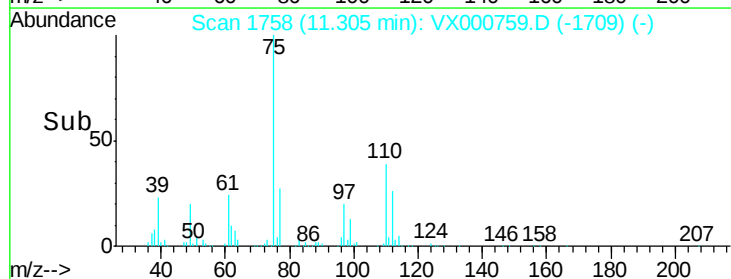
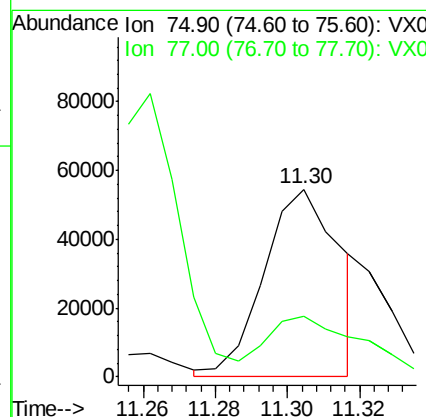
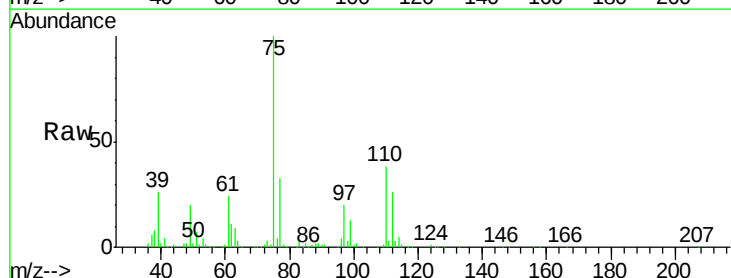
RT: 11.30 min Scan# 1758

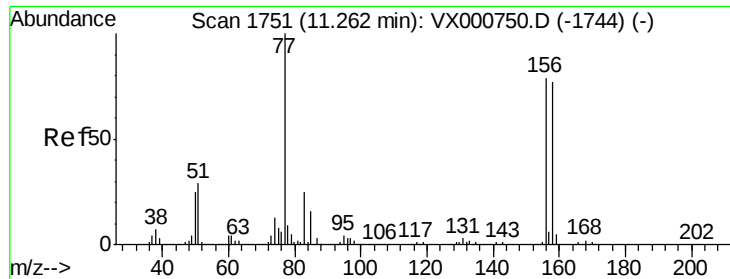
Delta R.T. -0.00 min

Lab File: VX000759.D

Acq: 10 Apr 2018 20:20

Tgt Ion:	75	Resp:	80051
Ion	Ratio	Lower	Upper
75	100		
77	40.2	20.5	61.5





#77

Bromobenzene

Concen: 19.53 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000759.D

Acq: 10 Apr 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

Tot Ion:156 Resp: 83009

Ion Ratio Lower Upper

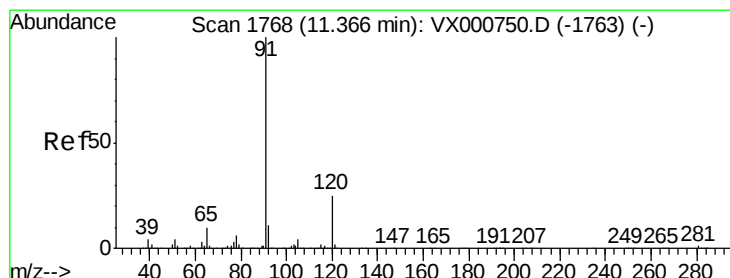
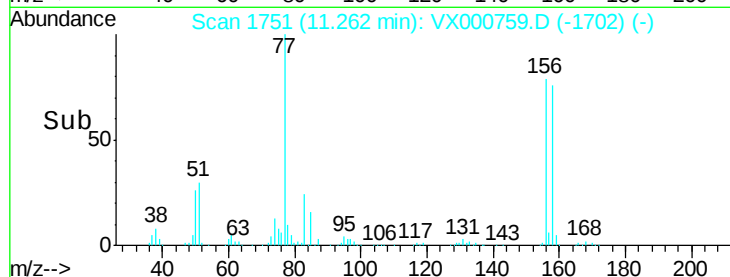
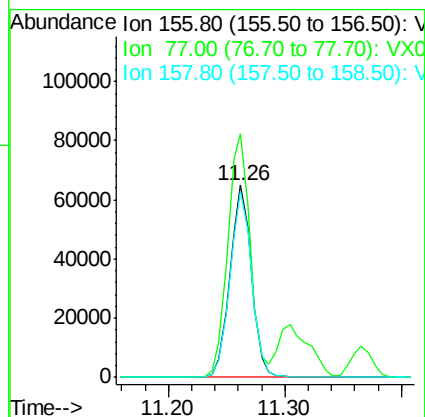
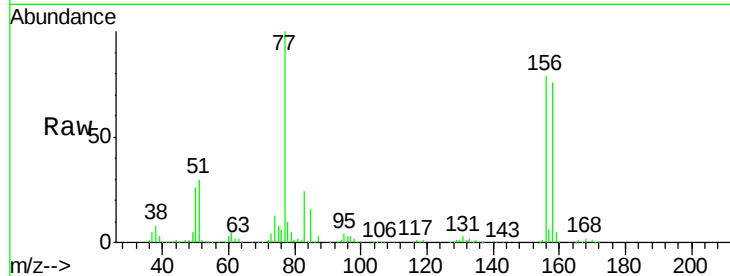
156 100

77 132.4 66.0 198.2

158 97.7 48.8 146.4

Manual Integrations
APPROVED

MMDadoda
4/11/2018 11:20:48 AM



#78

n-propylbenzene

Concen: 19.36 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000759.D

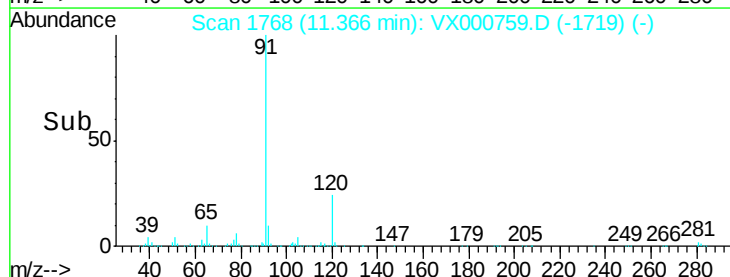
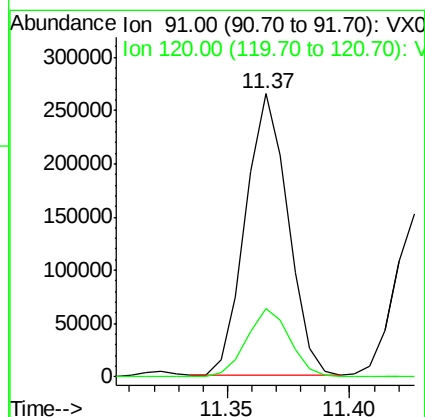
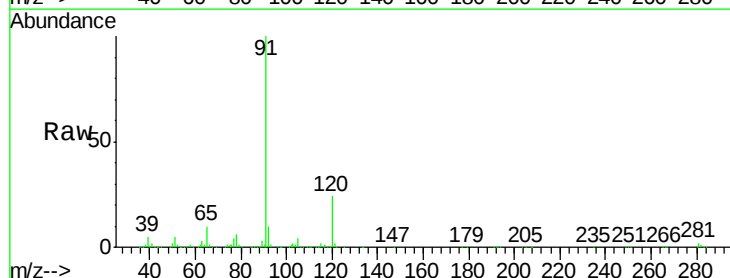
Acq: 10 Apr 2018 20:20

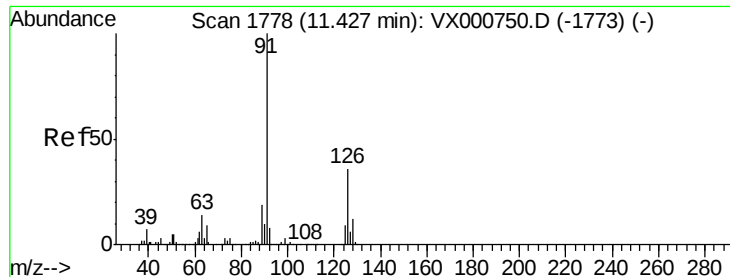
Tgt Ion: 91 Resp: 321220

Ion Ratio Lower Upper

91 100

120 24.7 12.6 37.6





#79

2-Chlorotoluene

Concen: 19.30 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000759.D

Acq: 10 Apr 2018 20:20

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

Tot Ion: 91 Resp: 189269

Ion Ratio Lower Upper

91 100

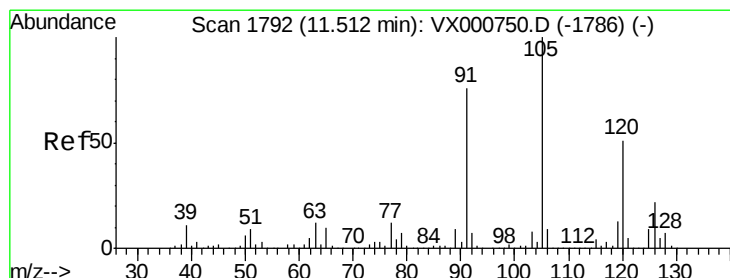
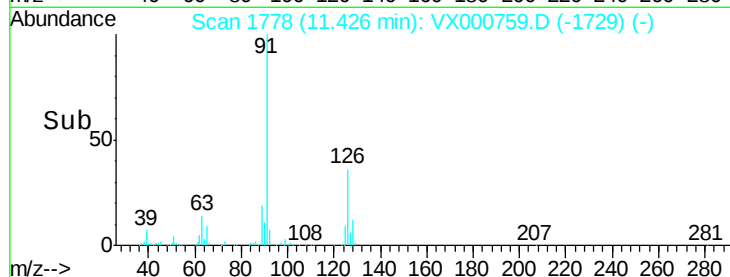
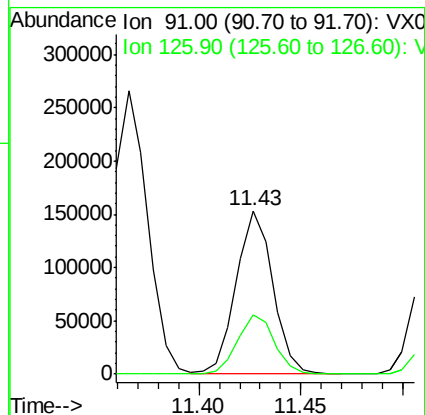
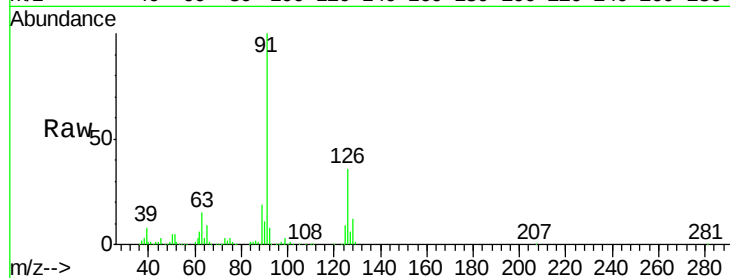
126 36.8 18.3 54.9

Manual Integrations

APPROVED

MMDadoda

4/11/2018 11:20:48 AM



#80

1,3,5-Trimethylbenzene

Concen: 19.32 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000759.D

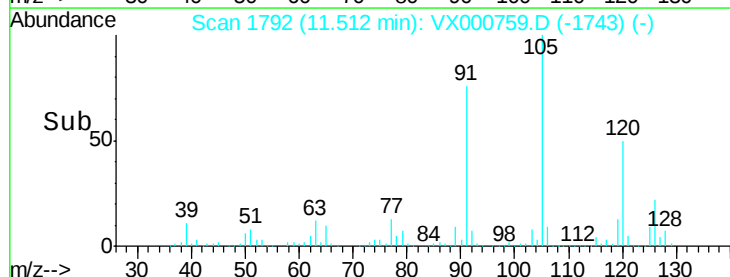
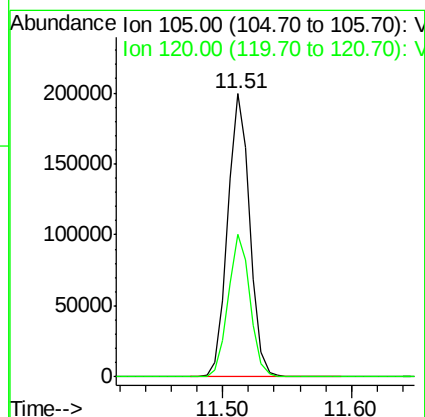
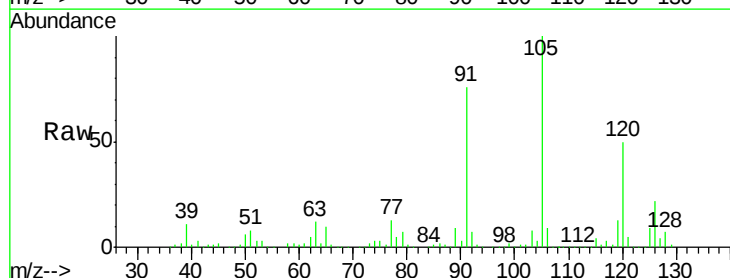
Acq: 10 Apr 2018 20:20

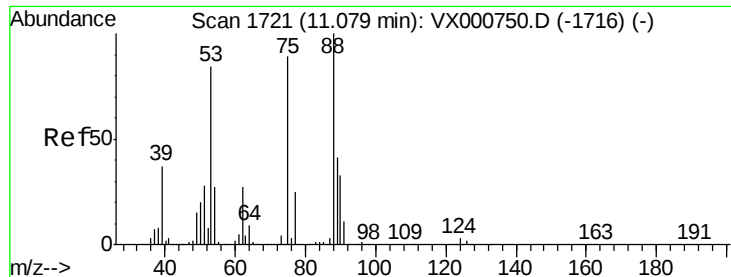
Tgt Ion: 105 Resp: 241004

Ion Ratio Lower Upper

105 100

120 50.0 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 18.40 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX000759.D

Acq: 10 Apr 2018 20:20

Instrument :

MSVOA_X

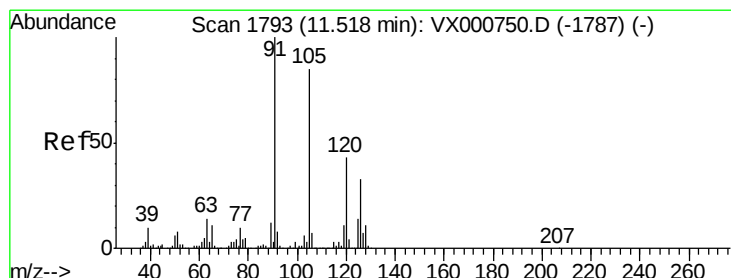
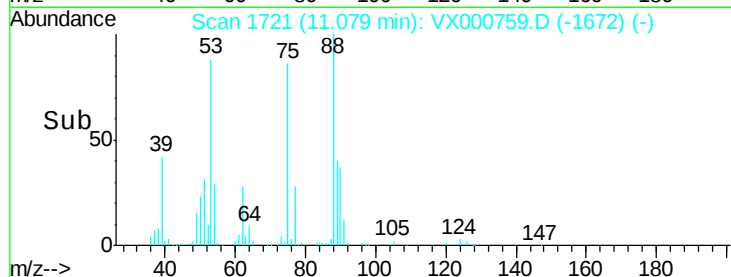
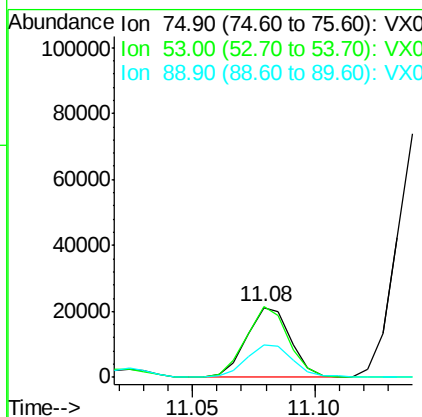
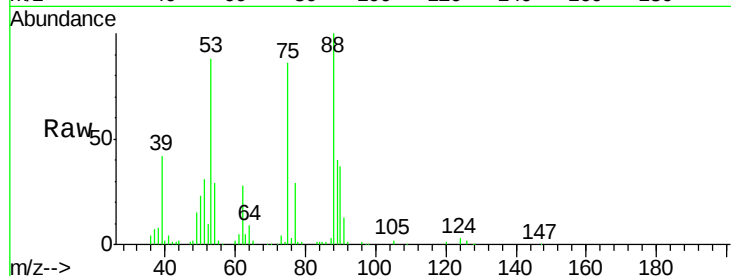
ClientSampleId :

VX0410WBSD01

Tot Ion:	75	Resp:	26380
Ion	Ratio	Lower	Upper
75	100		
53	98.9	75.4	113.0
89	49.5	40.9	61.3

Manual Integrations
APPROVED

MMDadoda
4/11/2018 11:20:48 AM



#82

4-Chlorotoluene

Concen: 19.25 ug/l

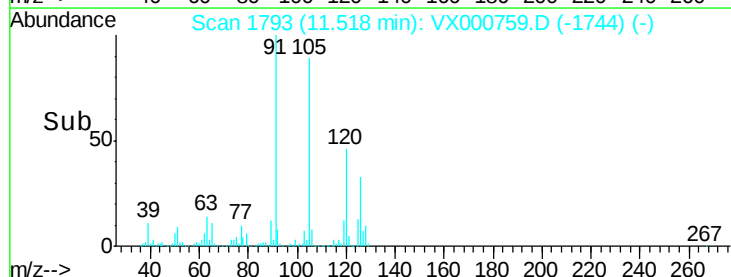
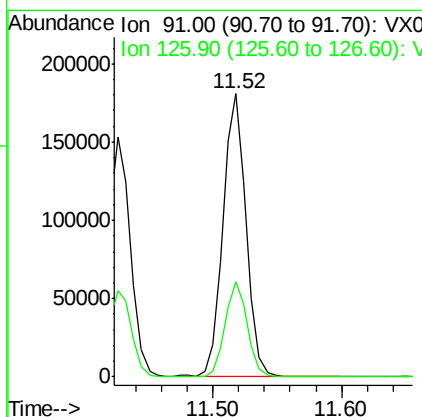
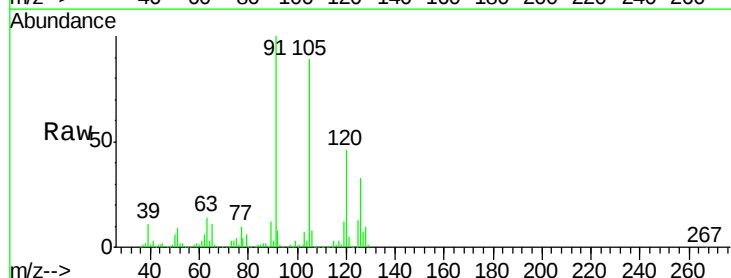
RT: 11.52 min Scan# 1793

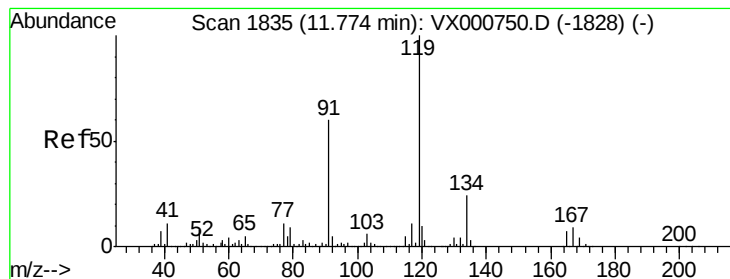
Delta R.T. -0.00 min

Lab File: VX000759.D

Acq: 10 Apr 2018 20:20

Tgt Ion:	91	Resp:	227882
Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.2	48.6





#83

tert-Butylbenzene

Concen: 19.72 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX000759.D

Acq: 10 Apr 2018 20:20

Instrument :

MSVOA_X

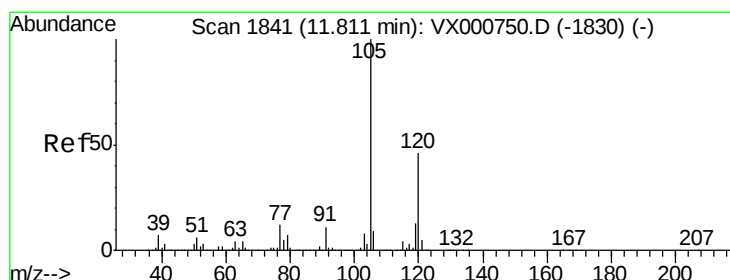
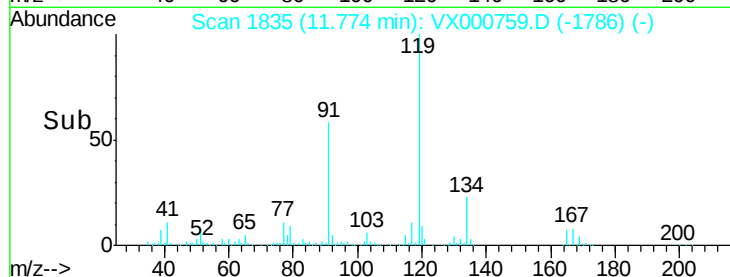
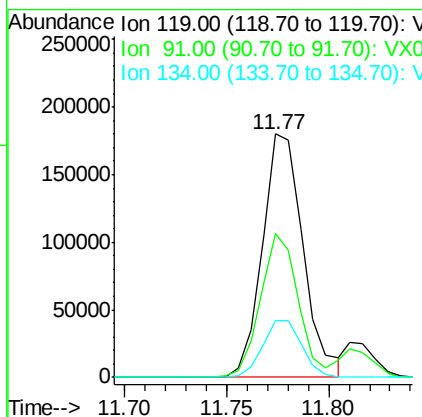
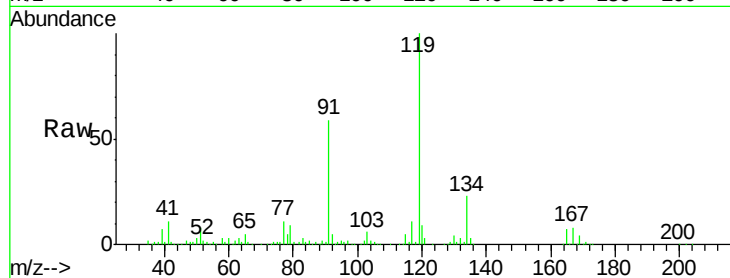
ClientSampleId :

VX0410WBSD01

Tot Ion:	119	Resp:	251685
Ion Ratio	Lower	Upper	
119	100		
91	54.1	26.8	80.3
134	22.8	11.5	34.4

Manual Integrations
APPROVED

MMDadoda
4/11/2018 11:20:48 AM



#84

1,2,4-Trimethylbenzene

Concen: 19.34 ug/l

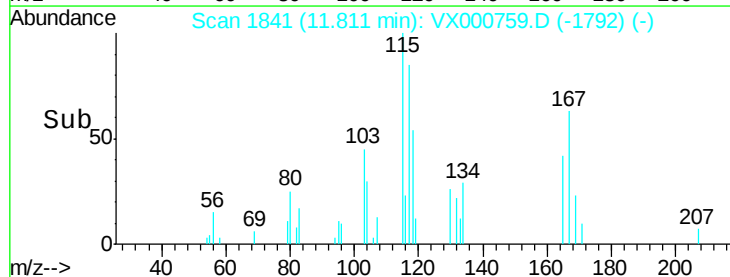
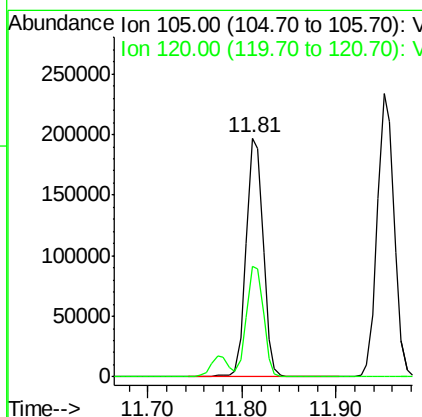
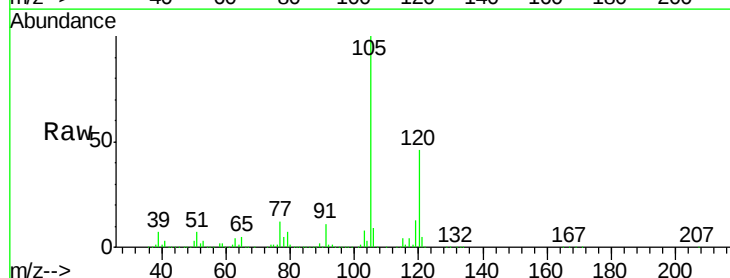
RT: 11.81 min Scan# 1841

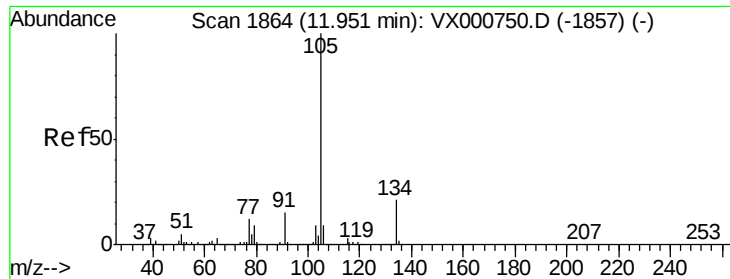
Delta R.T. -0.00 min

Lab File: VX000759.D

Acq: 10 Apr 2018 20:20

Tgt Ion:	105	Resp:	249044
Ion Ratio	Lower	Upper	
105	100		
120	46.0	23.1	69.3





#85

sec-Butylbenzene

Concen: 19.30 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000759.D

Acq: 10 Apr 2018 20:20

Instrument :

MSVOA_X

ClientSampleID :

VX0410WBSD01

Tot Ion:105 Resp: 290662

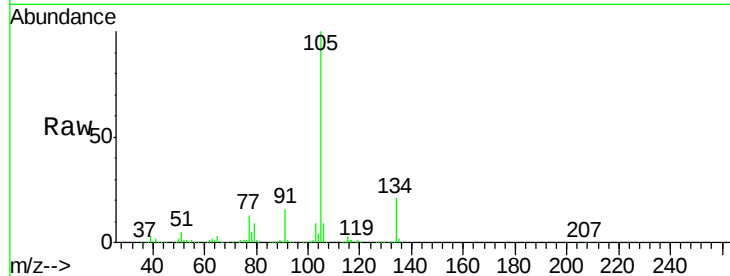
Ion Ratio Lower Upper

105 100

134 21.6 10.8 32.4

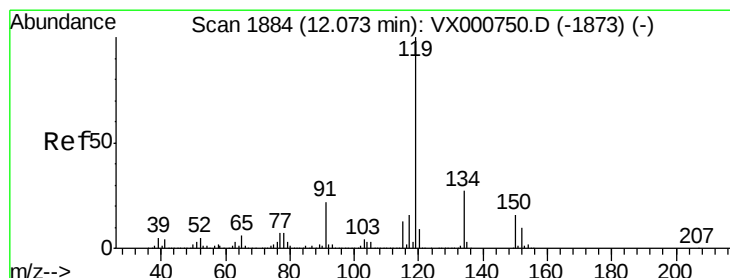
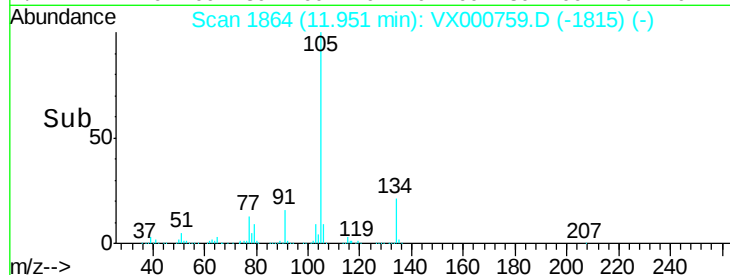
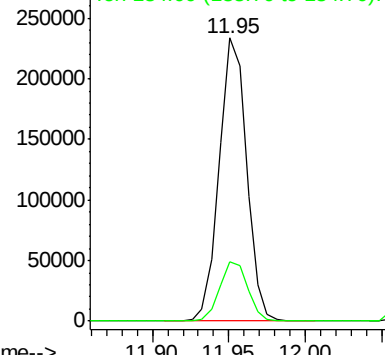
Manual Integrations
APPROVED

MMDadoda
4/11/2018 11:20:48 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.23 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000759.D

Acq: 10 Apr 2018 20:20

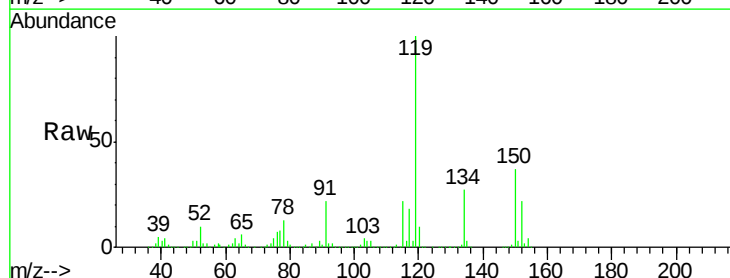
Tgt Ion:119 Resp: 269976

Ion Ratio Lower Upper

119 100

134 26.6 13.6 40.7

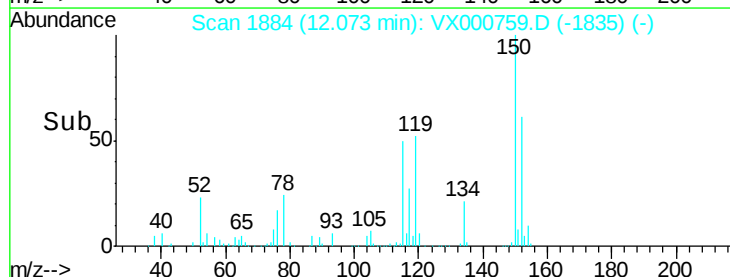
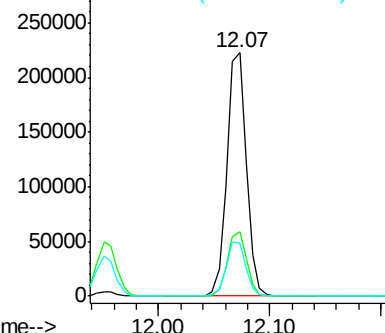
91 22.4 11.2 33.5

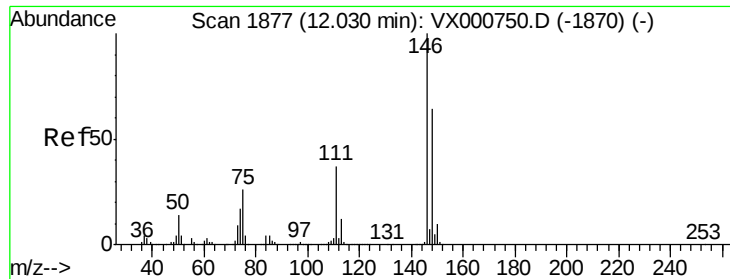


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





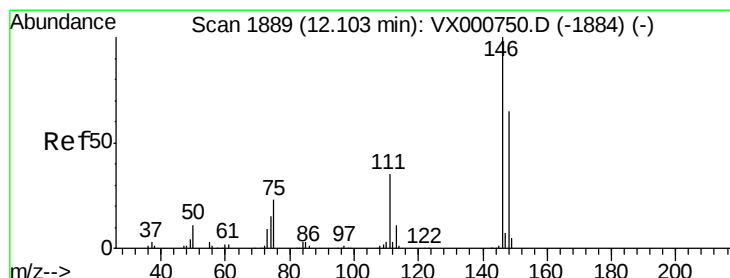
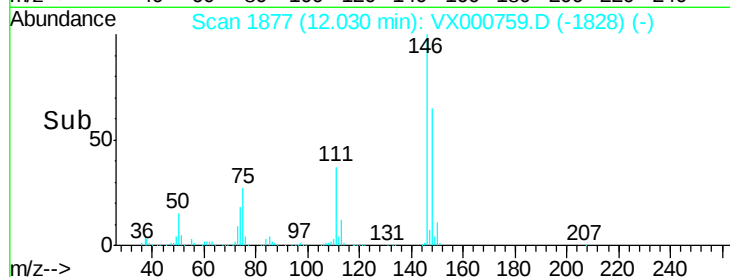
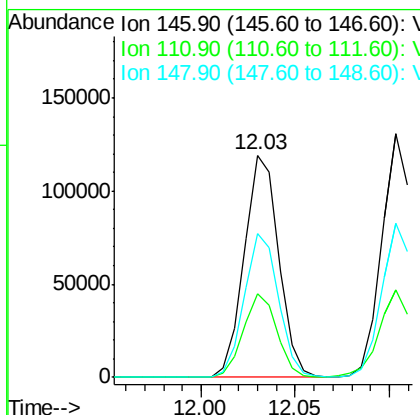
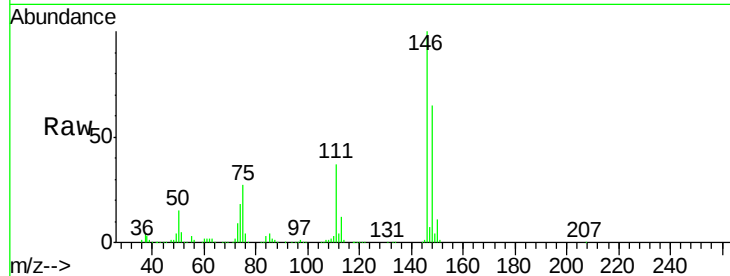
#87
 1,3-Dichlorobenzene
 Concen: 19.26 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX000759.D
 Acq: 10 Apr 2018 20:20

Instrument :
 MSVOA_X
 ClientSampled :
 VX0410WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.3	54.8
148	64.4	32.2	96.6

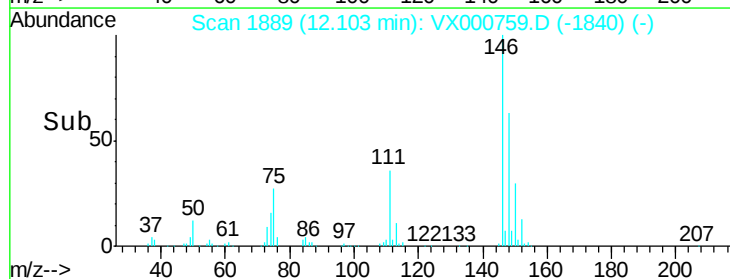
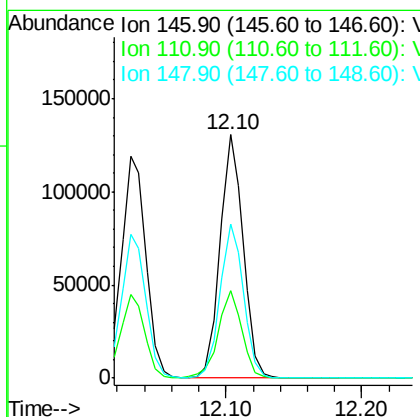
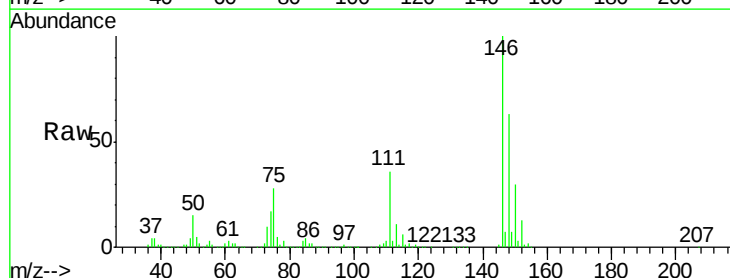
Manual Integrations
 APPROVED

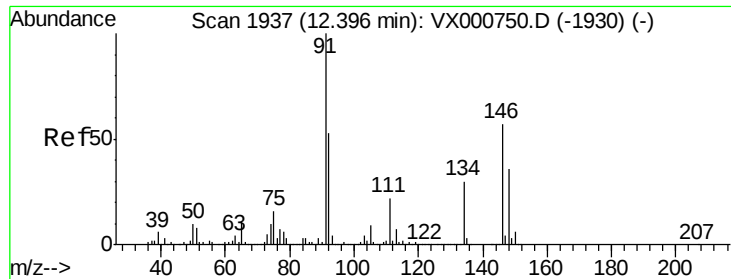
MMDadoda
 4/11/2018 11:20:48 AM



#88
 1,4-Dichlorobenzene
 Concen: 19.06 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX000759.D
 Acq: 10 Apr 2018 20:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	17.9	53.8
148	64.5	32.6	97.7





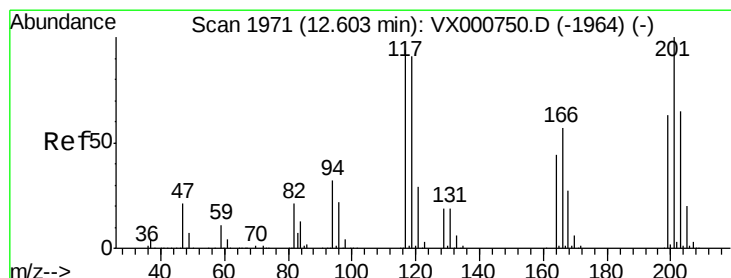
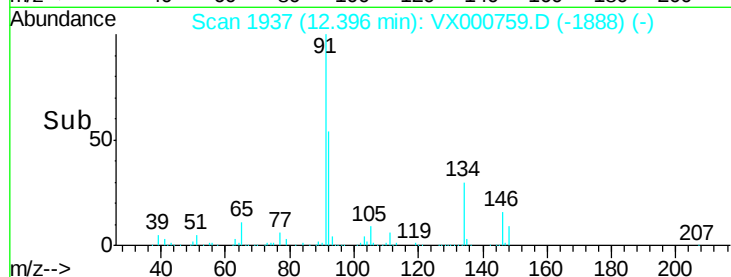
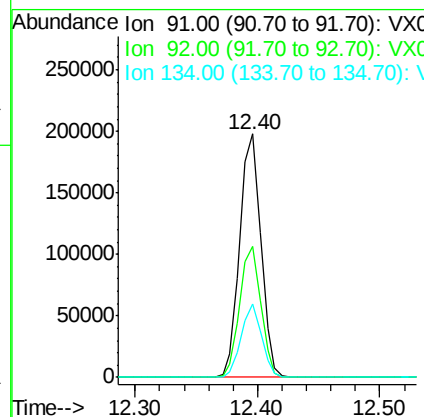
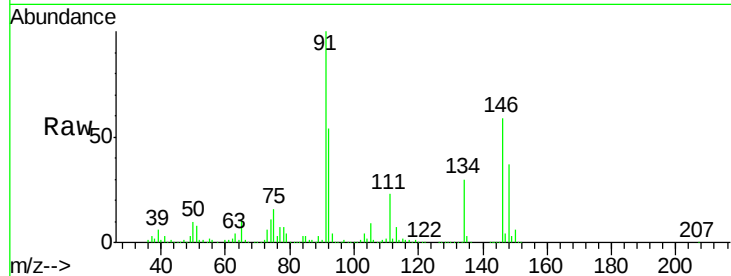
#89
n-Butylbenzene
Concen: 19.00 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000759.D
Acq: 10 Apr 2018 20:20

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	235419		
92	53.7	26.5	79.5	
134	28.9	14.5	43.5	

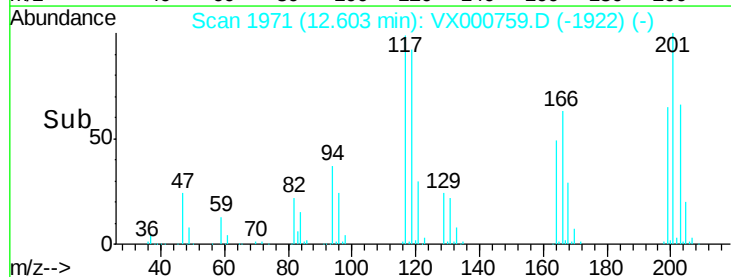
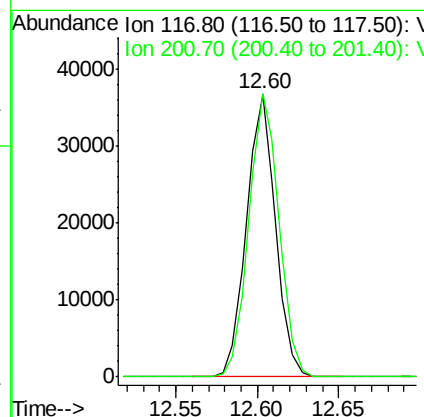
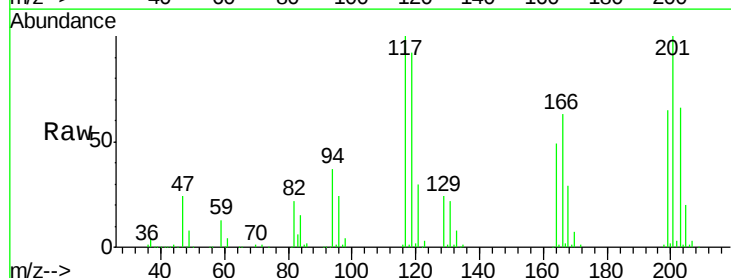
Manual Integrations
APPROVED

MMDadoda
4/11/2018 11:20:48 AM



#90
Hexachloroethane
Concen: 19.12 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000759.D
Acq: 10 Apr 2018 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	45428		
201	104.1	52.9	158.7	





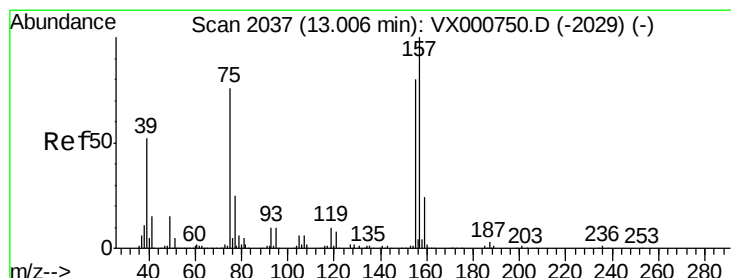
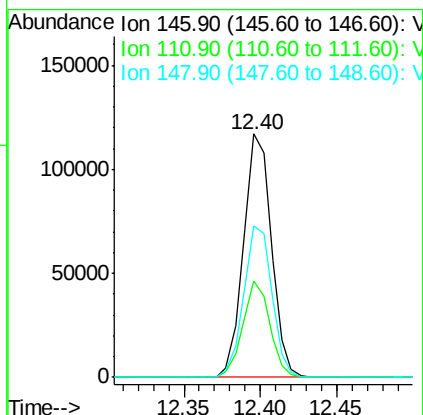
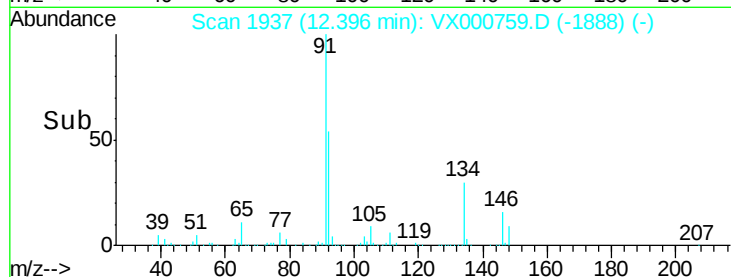
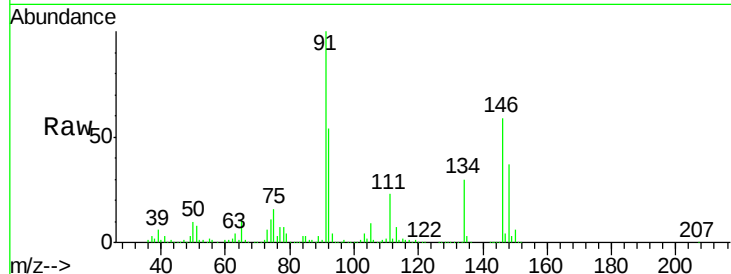
#91
 1,2-Dichlorobenzene
 Concen: 19.49 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000759.D
 Acq: 10 Apr 2018 20:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.7
148	63.1	32.0	96.2

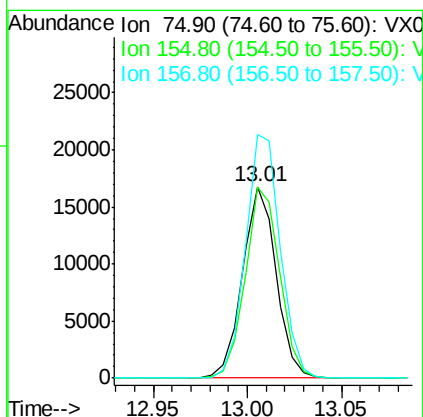
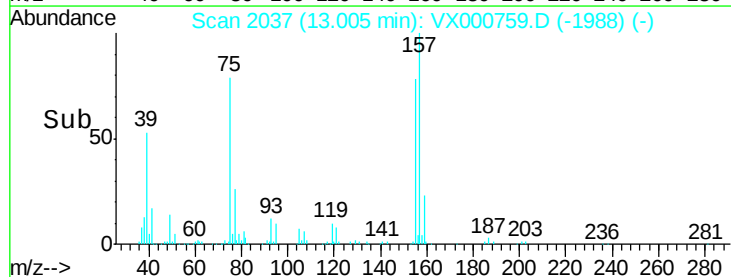
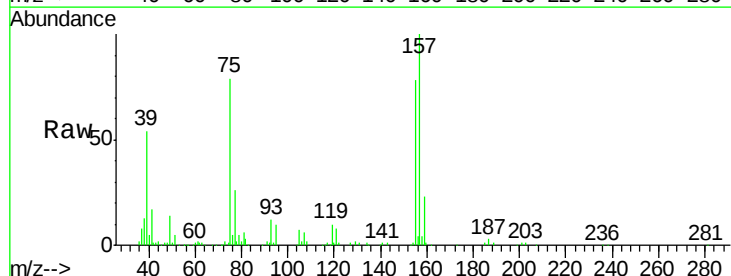
Manual Integrations
 APPROVED

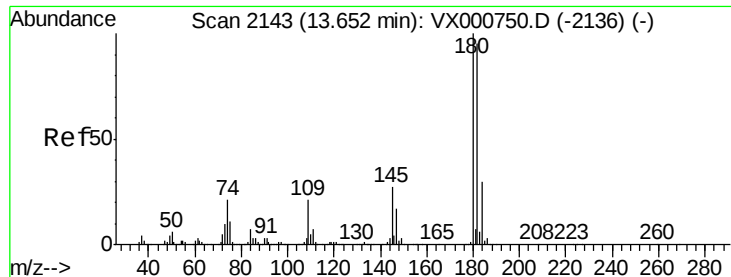
MMDadoda
 4/11/2018 11:20:48 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.65 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000759.D
 Acq: 10 Apr 2018 20:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.4	51.9	155.8
157	131.6	66.6	199.8





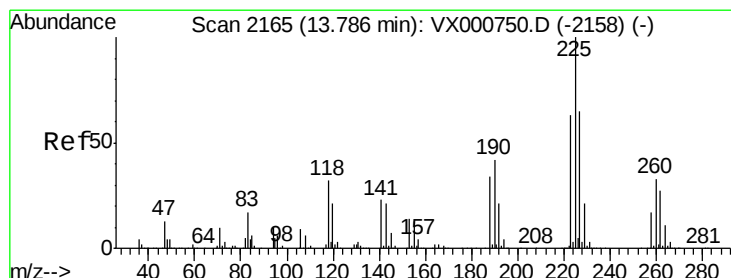
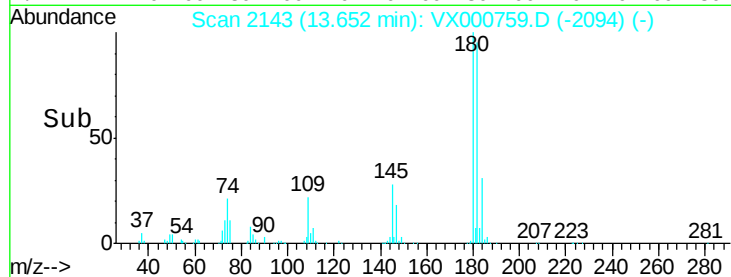
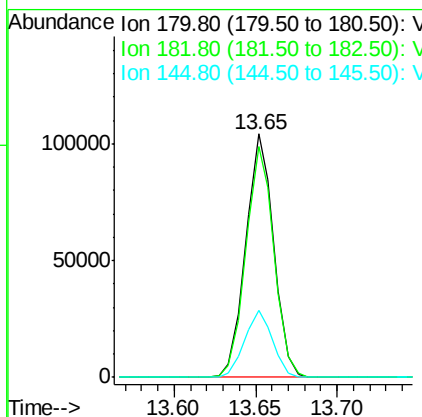
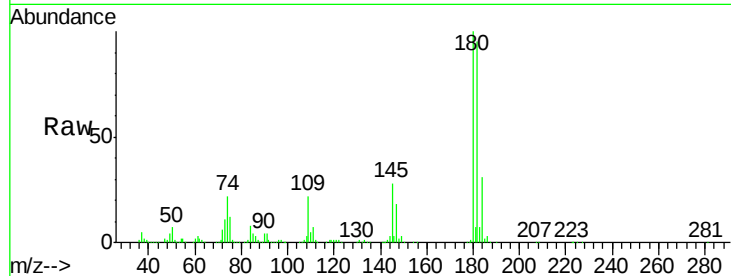
#93
 1,2,4-Trichlorobenzene
 Concen: 19.14 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000759.D
 Acq: 10 Apr 2018 20:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	124046		
182	95.3	47.5	142.5	
145	27.6	13.8	41.4	

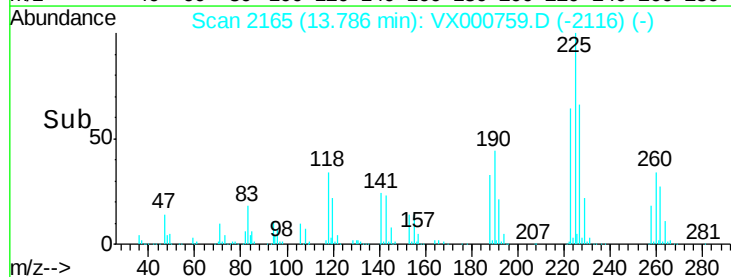
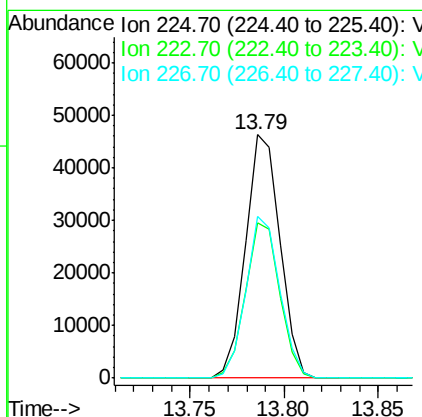
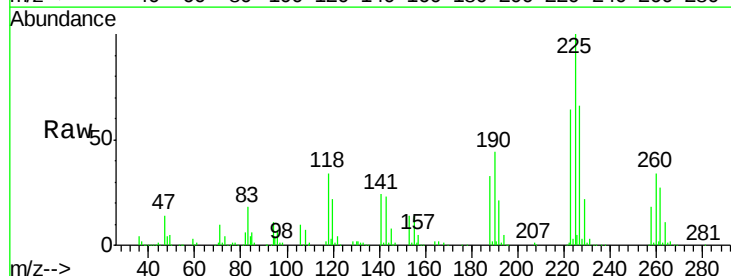
Manual Integrations
 APPROVED

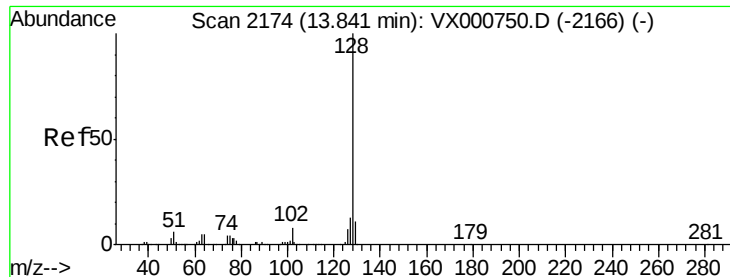
MMDadoda
 4/11/2018 11:20:48 AM



#94
 Hexachlorobutadiene
 Concen: 18.47 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX000759.D
 Acq: 10 Apr 2018 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	58852		
223	63.5	31.2	93.6	
227	65.0	32.3	96.9	





#95

Naphthalene

Concen: 19.89 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000759.D

Acq: 10 Apr 2018 20:20

Instrument :

MSVOA_X

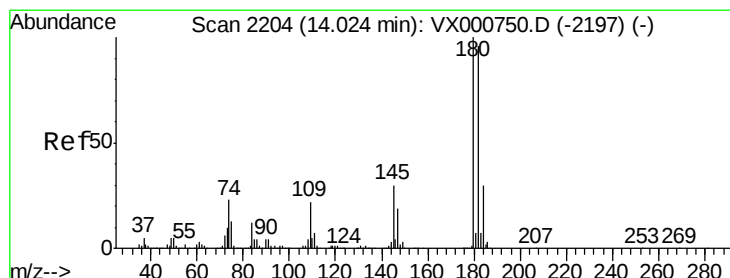
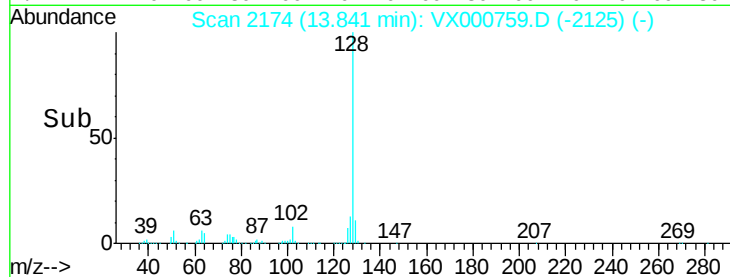
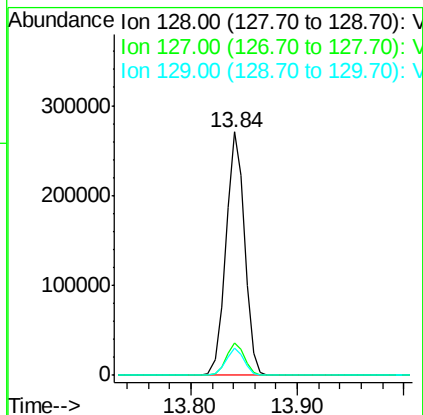
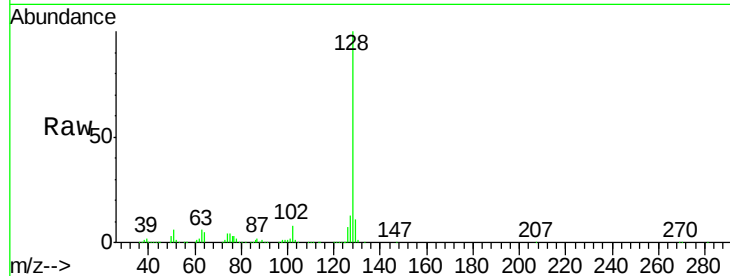
ClientSampleId :

VX0410WBSD01

Tot Ion:	128	Resp:	330894
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
4/11/2018 11:20:48 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.23 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VX000759.D

Acq: 10 Apr 2018 20:20

Tgt Ion:	180	Resp:	121035
Ion Ratio	Lower	Upper	
180	100		
182	96.6	48.4	145.2
145	28.8	14.6	43.8

