

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050118\
 Data File : VX001282.D
 Acq On : 01 May 2018 16:51
 Operator : JC/MD
 Sample : VX0501WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/2/2018 4:20:55 PM

Quant Time: May 02 05:10:59 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 02 01:48:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	193270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	245975	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	233413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	158938	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	121677	45.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.96%	
35) Dibromofluoromethane	5.51	113	102939	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
50) Toluene-d8	8.72	98	387978	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
62) 4-Bromofluorobenzene	11.14	95	147243	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	46153	21.59	ug/l	100
3) Chloromethane	1.32	50	43477	20.71	ug/l	100
4) Vinyl Chloride	1.40	62	44793	20.27	ug/l	99
5) Bromomethane	1.64	94	33372	19.27	ug/l	98
6) Chloroethane	1.73	64	26854	19.23	ug/l	100
7) Trichlorofluoromethane	1.93	101	76141	20.42	ug/l	98
8) Diethyl Ether	2.19	74	25427	19.86	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	43626	20.29	ug/l	100
10) Methyl Iodide	2.51	142	32263	16.91	ug/l	100
11) Tert butyl alcohol	3.07	59	50832	110.44	ug/l	99
12) 1,1-Dichloroethene	2.37	96	38639	19.93	ug/l	98
13) Acrolein	2.29	56	24143	91.10	ug/l	100
14) Allyl chloride	2.73	41	66953	19.74	ug/l	99
15) Acrylonitrile	3.15	53	108989	102.16	ug/l	100
16) Acetone	2.45	43	115190	100.87	ug/l	99
17) Carbon Disulfide	2.57	76	92652	18.34	ug/l	98
18) Methyl Acetate	2.78	43	57348	21.26	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	132387	20.05	ug/l	98
20) Methylene Chloride	2.86	84	42308	19.56	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	40862	19.36	ug/l	95
22) Diisopropyl ether	3.87	45	122408	18.74	ug/l	95
23) Vinyl Acetate	3.83	43	523327	94.54	ug/l	100
24) 1,1-Dichloroethane	3.70	63	73880	20.30	ug/l	99
25) 2-Butanone	4.71	43	152910	99.03	ug/l	96
26) 2,2-Dichloropropane	4.59	77	54873	18.53	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	44322	19.11	ug/l	99
28) Bromochloromethane	5.02	49	35519	21.71	ug/l	100
29) Tetrahydrofuran	5.17	42	95447	100.51	ug/l	100
30) Chloroform	5.23	83	73157	19.02	ug/l	98
31) Cyclohexane	5.58	56	63127	19.21	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	64444	19.17	ug/l	99
36) 1,1-Dichloropropene	5.81	75	54280	19.12	ug/l	98
37) Ethyl Acetate	4.87	43	57002	19.89	ug/l	99
38) Carbon Tetrachloride	5.79	117	56744	19.08	ug/l	99

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050118\
 Data File : VX001282.D
 Acq On : 01 May 2018 16:51
 Operator : JC/MD
 Sample : VX0501WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0501WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/2/2018 4:20:55 PM

Quant Time: May 02 05:10:59 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 02 01:48:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	67634	20.14	ug/l	98
40) Benzene	6.15	78	158124	19.36	ug/l	97
41) Methacrylonitrile	5.07	41	32587	19.52	ug/l	99
42) 1,2-Dichloroethane	6.20	62	61455	19.44	ug/l	99
43) Isopropyl Acetate	6.47	43	91170	19.64	ug/l	99
44) Trichloroethene	7.22	130	50034	20.01	ug/l	94
45) 1,2-Dichloropropane	7.52	63	40182	19.16	ug/l	99
46) Dibromomethane	7.67	93	28326	19.27	ug/l	99
47) Bromodichloromethane	7.90	83	51036	19.42	ug/l	98
48) Methyl methacrylate	7.79	41	47676	19.32	ug/l	99
49) 1,4-Dioxane	7.76	88	21011	451.30	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	306864	102.56	ug/l	100
52) Toluene	8.79	92	106875	20.02	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	60245	19.27	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	54016	18.78	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	42743	19.82	ug/l	97
56) Ethyl methacrylate	9.19	69	60680	20.31	ug/l	99
57) 1,3-Dichloropropane	9.38	76	69427	20.02	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	153031	106.16	ug/l	100
59) 2-Hexanone	9.50	43	239619	102.47	ug/l	100
60) Dibromochloromethane	9.59	129	43688	19.42	ug/l	98
61) 1,2-Dibromoethane	9.68	107	45850	20.06	ug/l	98
64) Tetrachloroethene	9.34	164	58831	21.27	ug/l	98
65) Chlorobenzene	10.14	112	123838	19.51	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	43838	19.89	ug/l	98
67) Ethyl Benzene	10.26	91	203834	19.49	ug/l	97
68) m/p-Xylenes	10.37	106	160916	39.09	ug/l	98
69) o-Xylene	10.70	106	78179	19.58	ug/l	99
70) Styrene	10.72	104	128711	19.71	ug/l	99
71) Bromoform	10.86	173	34507	18.86	ug/l #	100
73) Isopropylbenzene	11.02	105	214467	20.17	ug/l	99
74) N-amyl acetate	6.47	43	91170	19.99	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	63053	19.79	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	60467m	20.57	ug/l	
77) Bromobenzene	11.26	156	61335	20.00	ug/l	98
78) n-propylbenzene	11.37	91	241042	20.40	ug/l	99
79) 2-Chlorotoluene	11.43	91	140876	19.76	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	182016	20.38	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	14276	18.73	ug/l	91
82) 4-Chlorotoluene	11.51	91	169273	19.74	ug/l	100
83) tert-Butylbenzene	11.77	119	176279	19.80	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	188267	20.58	ug/l	99
85) sec-Butylbenzene	11.95	105	219080	20.56	ug/l	100
86) p-Isopropyltoluene	12.07	119	203350	20.81	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	113218	19.77	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	113571	19.24	ug/l	99
89) n-Butylbenzene	12.39	91	171584	20.12	ug/l	99
90) Hexachloroethane	12.60	117	27817	19.66	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	112682	19.77	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	13218	20.53	ug/l	99

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050118\
Data File : VX001282.D
Acq On : 01 May 2018 16:51
Operator : JC/MD
Sample : VX0501WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD01

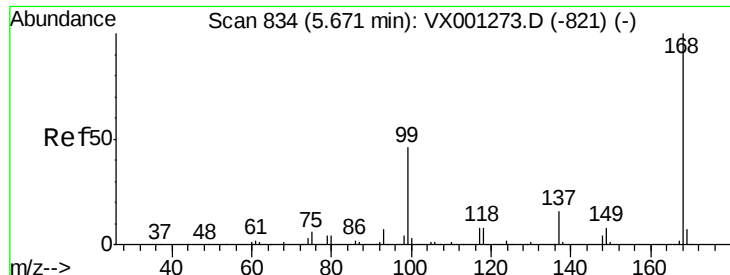
Manual Integrations
APPROVED

MMDadoda
5/2/2018 4:20:55 PM

Quant Time: May 02 05:10:59 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
Quant Title : SW846 8260
QLast Update : Wed May 02 01:48:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	86774	18.93	ug/l	98
94) Hexachlorobutadiene	13.79	225	48191	20.09	ug/l	99
95) Naphthalene	13.84	128	236839	20.36	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	88930	19.76	ug/l	99

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



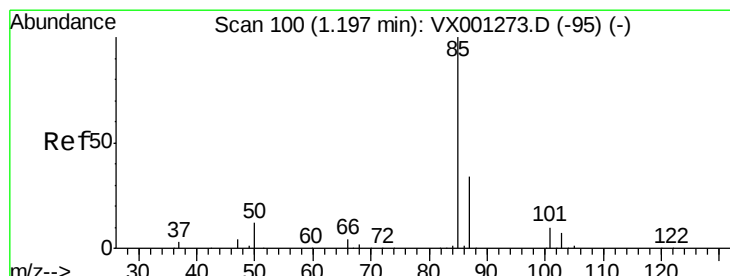
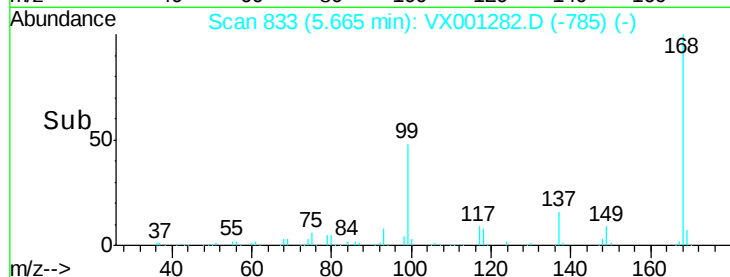
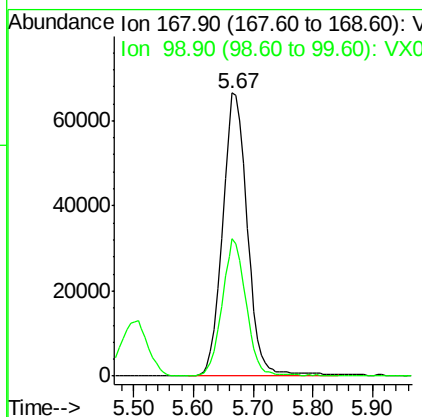
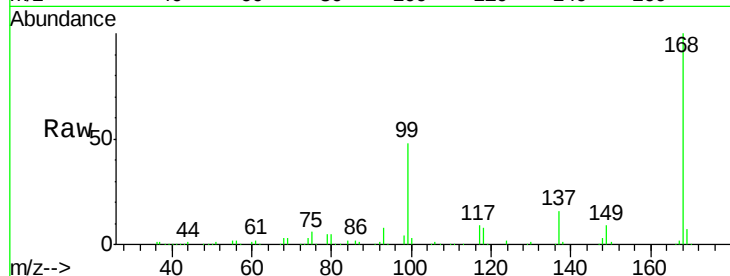
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.01 min
Lab File: VX001282.D
Acq: 01 May 2018 16:51

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
168	100		193270		
99	48.4	36.5	54.7		

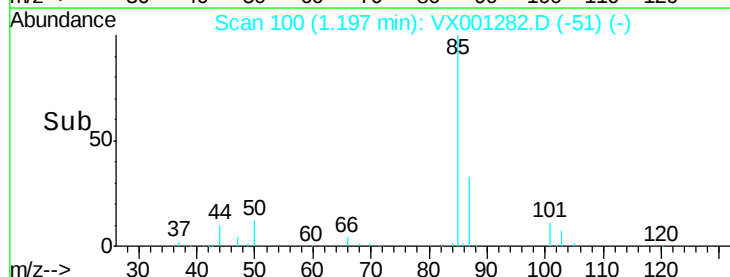
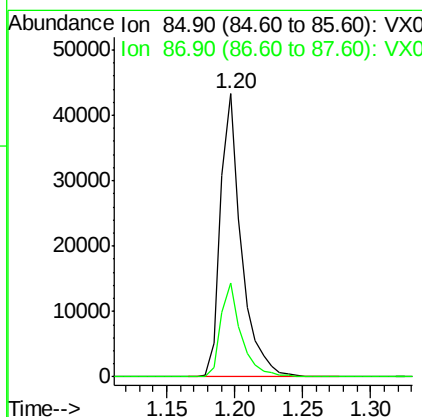
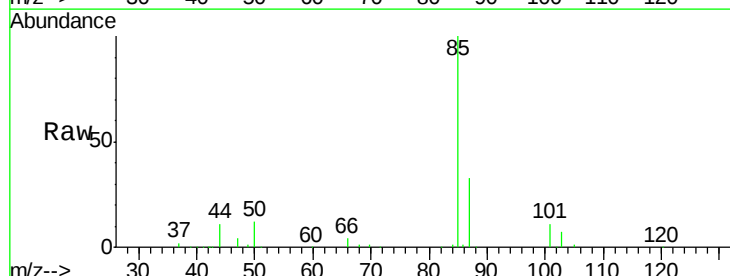
Manual Integrations
APPROVED

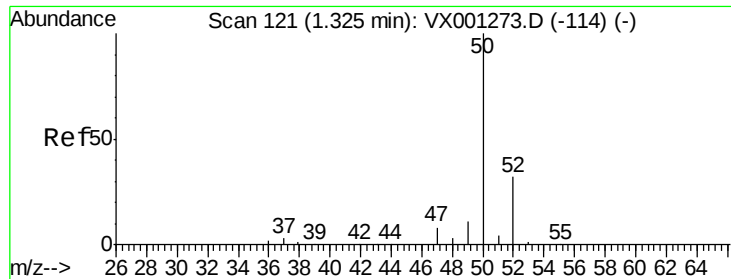
MMDadoda
5/2/2018 4:20:55 PM



#2
Dichlorodifluoromethane
Concen: 21.59 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX001282.D
Acq: 01 May 2018 16:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
85	100		46153		
87	33.4	16.8	50.4		





#3

Chloromethane

Concen: 20.71 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBSD01

Tot Ion: 50 Resp: 43477

Ion Ratio Lower Upper

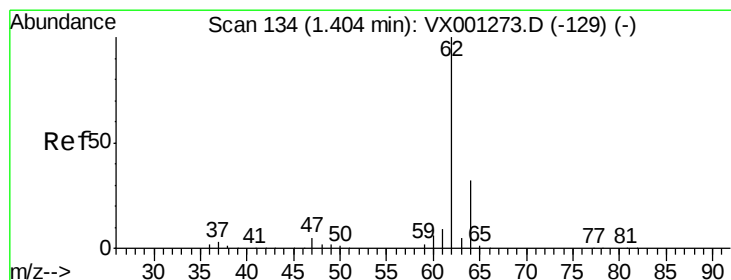
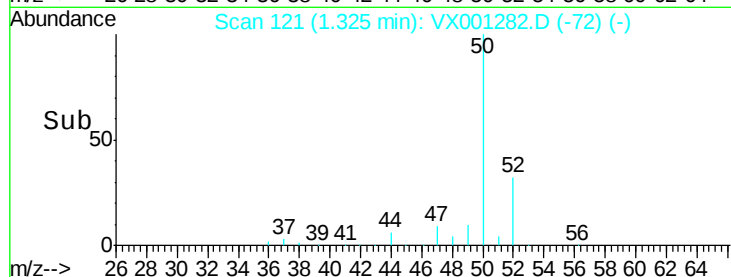
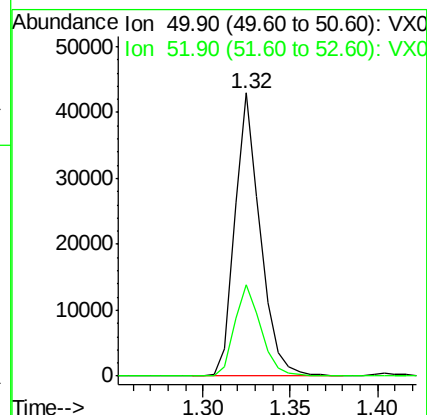
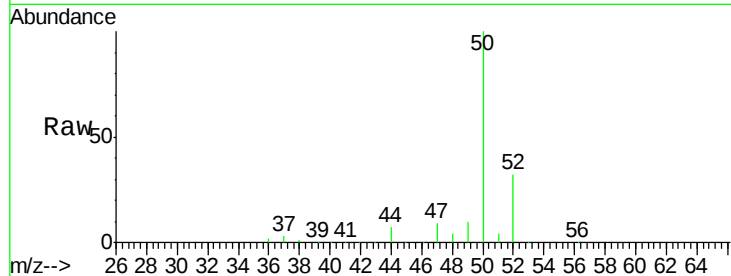
50 100

52 32.3 25.7 38.5

Manual Integrations
APPROVED

MMDadoda

5/2/2018 4:20:55 PM



#4

Vinyl Chloride

Concen: 20.27 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001282.D

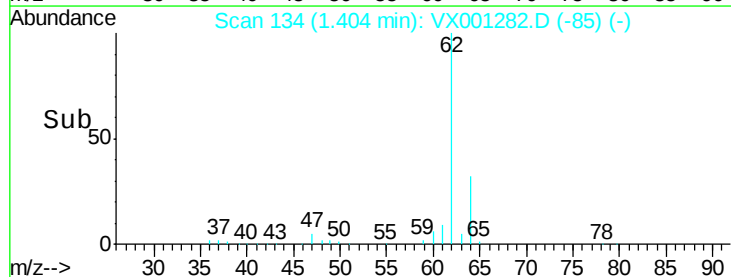
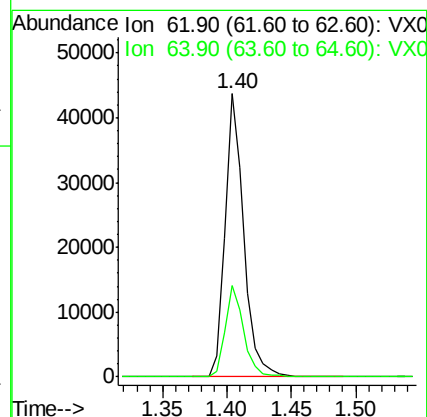
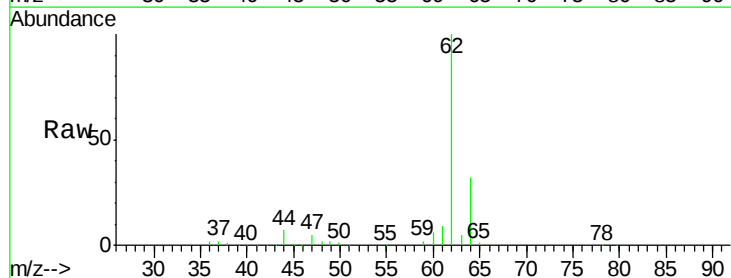
Acq: 01 May 2018 16:51

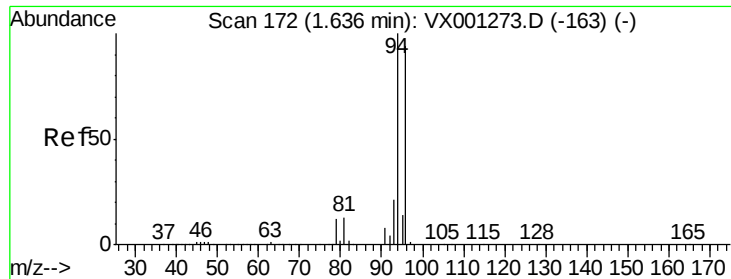
Tgt Ion: 62 Resp: 44793

Ion Ratio Lower Upper

62 100

64 32.3 25.4 38.2





#5

Bromomethane

Concen: 19.27 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBSD01

Tot Ion: 94 Resp: 33372

Ion Ratio Lower Upper

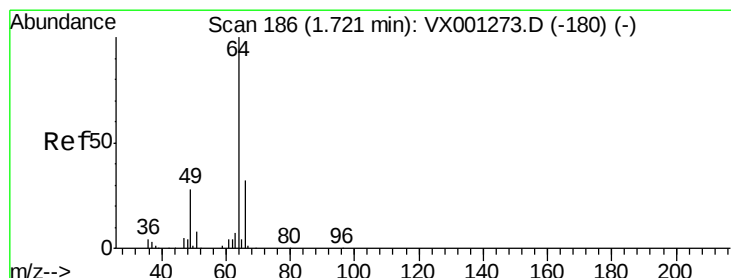
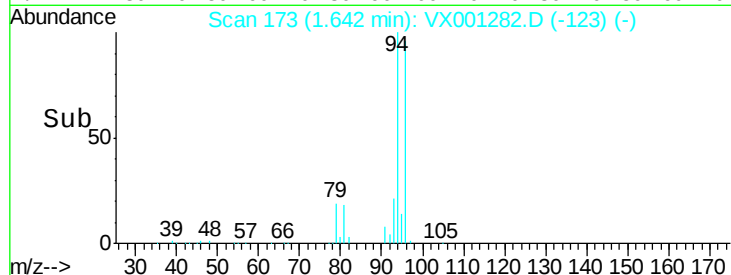
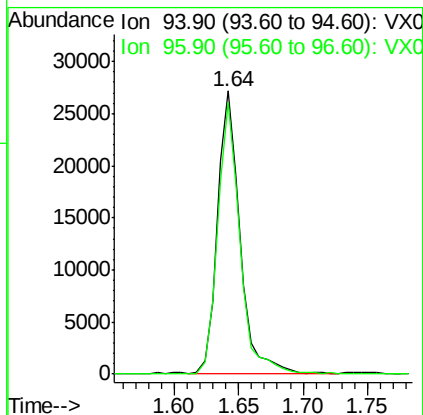
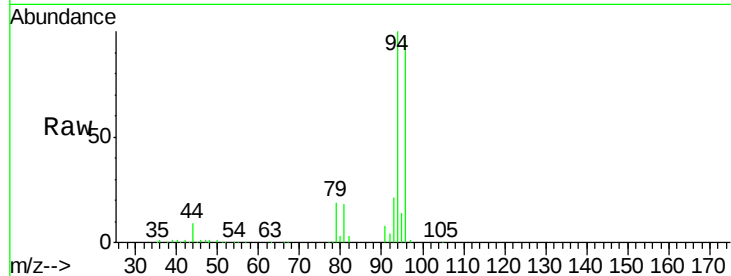
94 100

96 96.2 75.6 113.4

Manual Integrations
APPROVED

MMDadoda

5/2/2018 4:20:55 PM



#6

Chloroethane

Concen: 19.23 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001282.D

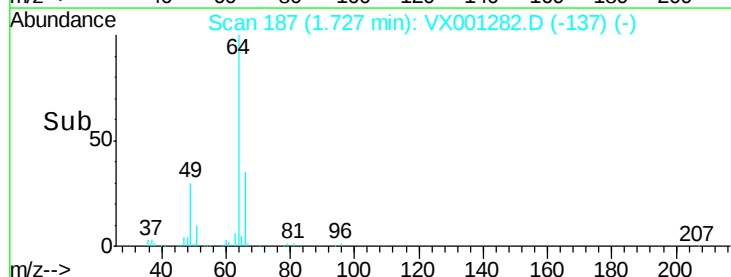
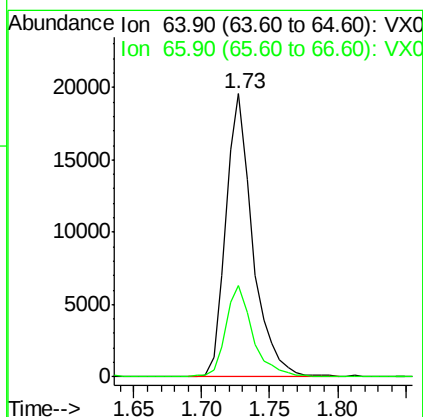
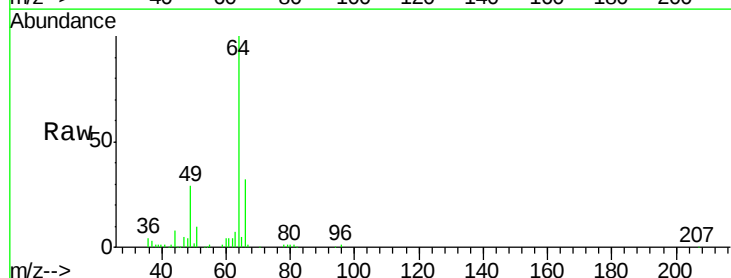
Acq: 01 May 2018 16:51

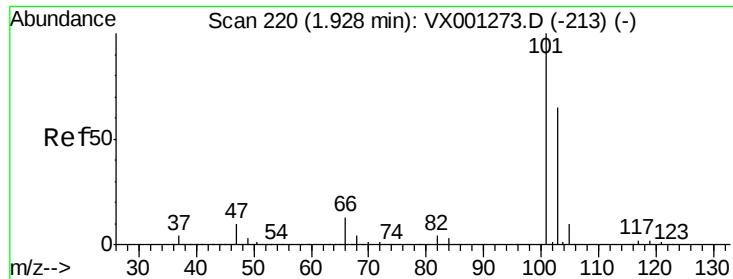
Tgt Ion: 64 Resp: 26854

Ion Ratio Lower Upper

64 100

66 32.3 25.7 38.5





#7

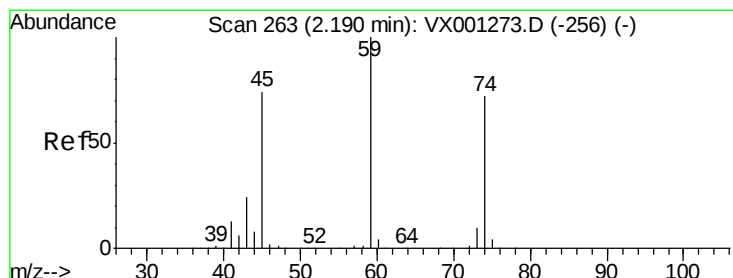
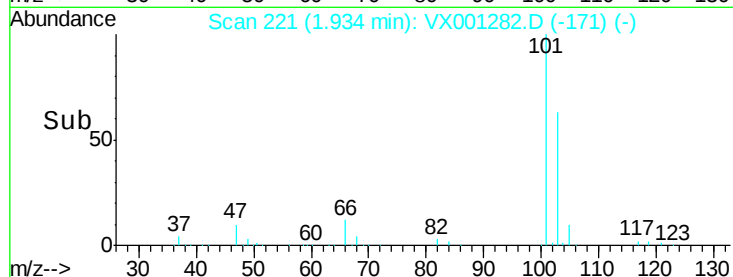
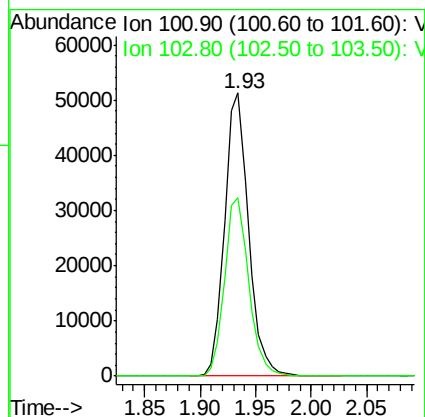
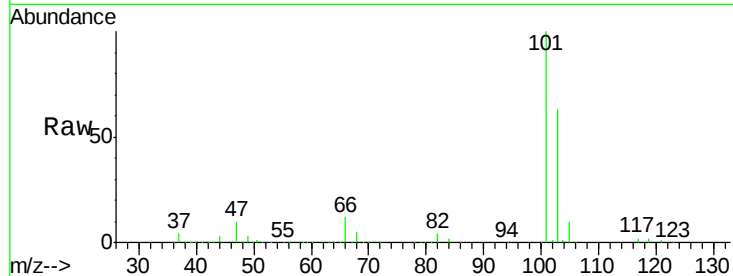
Trichlorofluoromethane
Concen: 20.42 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX001282.D
Acq: 01 May 2018 16:51

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD01

Tot Ion:101 Resp: 76141
Ion Ratio Lower Upper
101 100
103 62.9 51.8 77.8

Manual Integrations
APPROVED

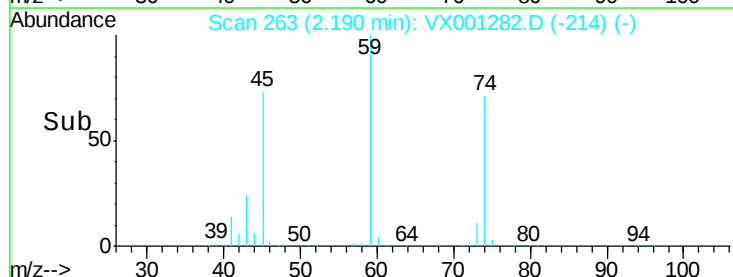
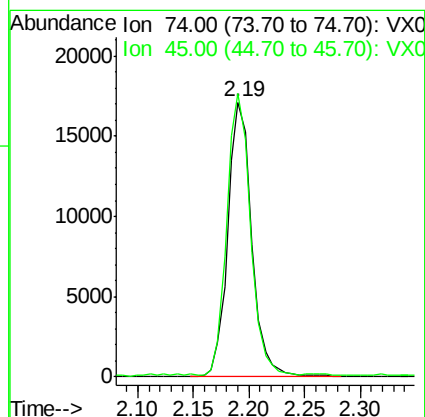
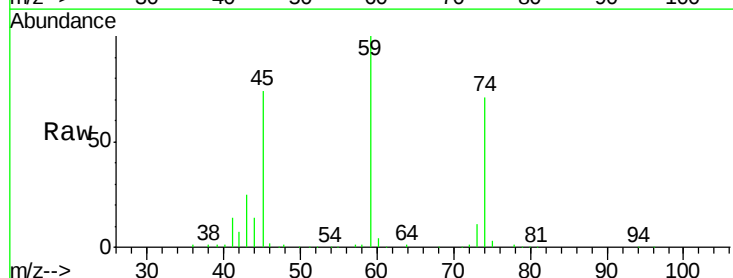
MMDadoda
5/2/2018 4:20:55 PM

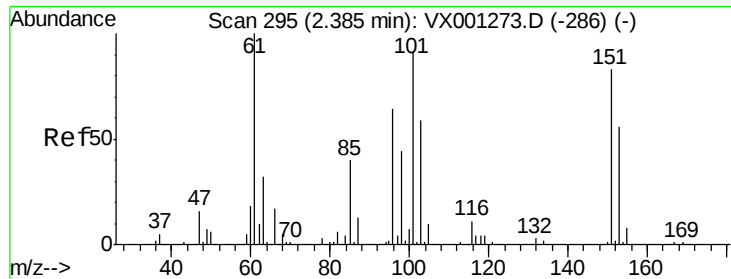


#8

Diethyl Ether
Concen: 19.86 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX001282.D
Acq: 01 May 2018 16:51

Tgt Ion: 74 Resp: 25427
Ion Ratio Lower Upper
74 100
45 100.9 49.3 147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.29 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Instrument :

MSVOA_X

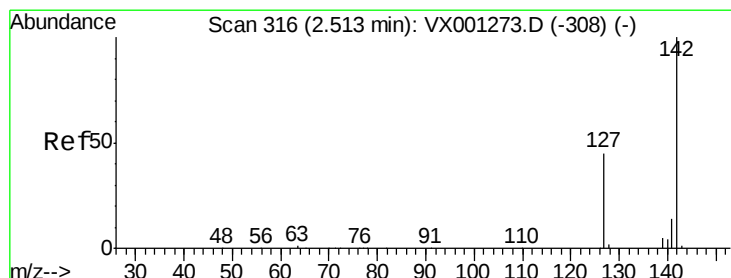
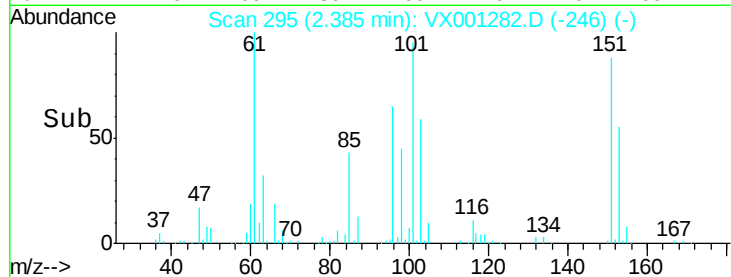
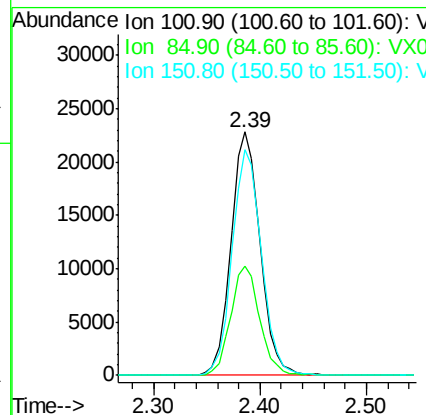
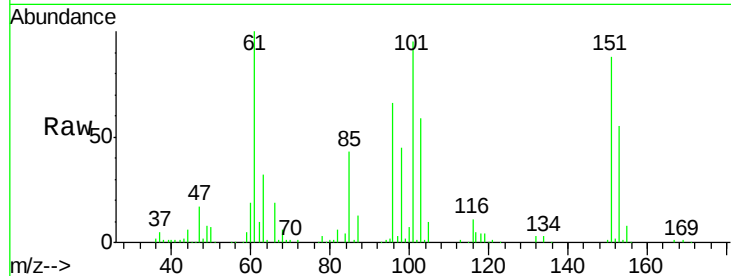
ClientSampleId :

VX0501WBSD01

Tot Ion:	101	Resp:	43626
Ion Ratio	Lower	Upper	
101	100		
85	44.5	35.6	53.4
151	93.4	74.8	112.2

Manual Integrations
APPROVED

MMDadoda
5/2/2018 4:20:55 PM



#10

Methyl Iodide

Concen: 16.91 ug/l

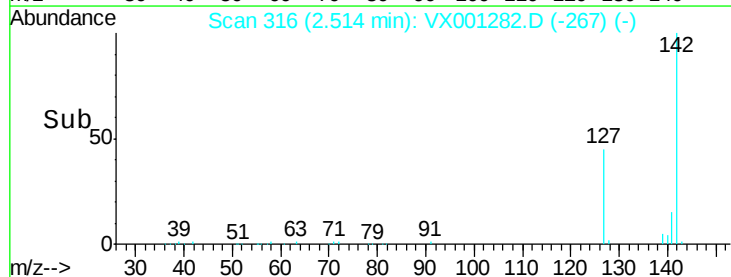
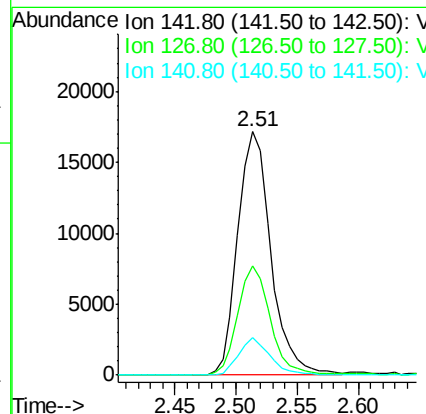
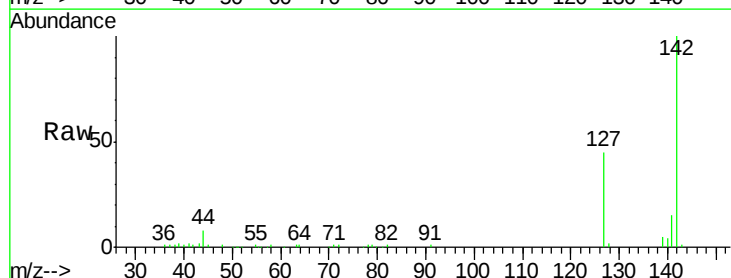
RT: 2.51 min Scan# 316

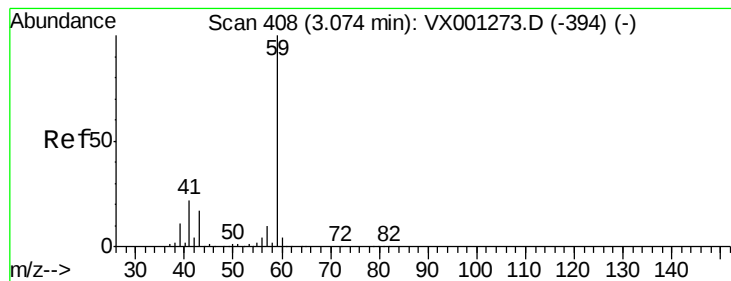
Delta R.T. 0.00 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Tgt Ion:	142	Resp:	32263
Ion Ratio	Lower	Upper	
142	100		
127	44.7	35.7	53.5
141	14.5	11.4	17.0





#11

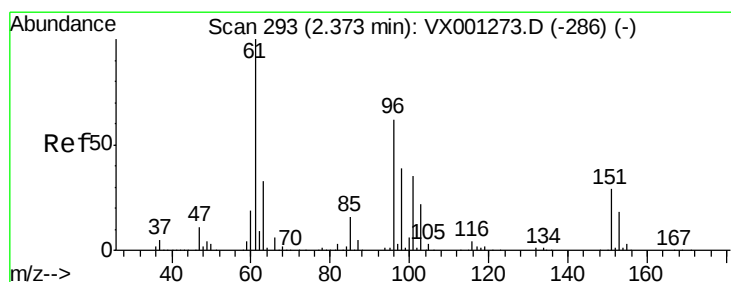
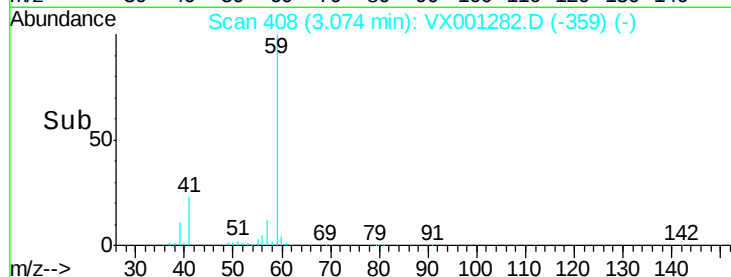
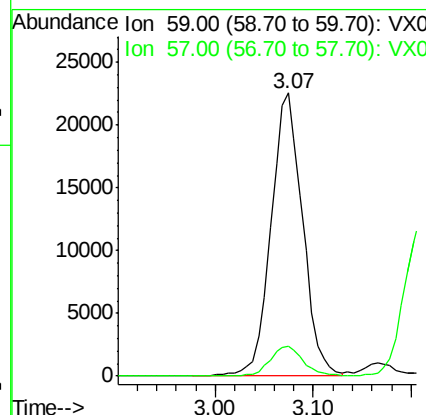
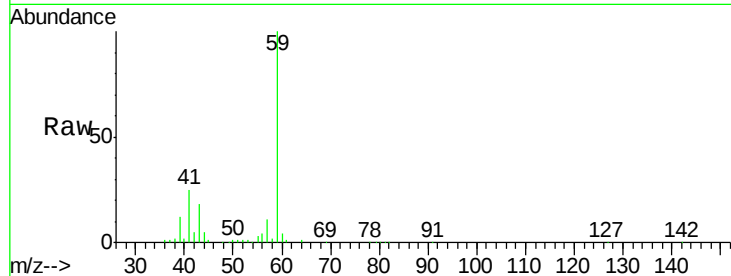
Tert butyl alcohol
 Concen: 110.44 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. 0.00 min
 Lab File: VX001282.D
 Acq: 01 May 2018 16:51

Instrument :
 MSVOA_X
 ClientSampled :
 VX0501WBSD01

Tot Ion	59.00 (58.70 to 59.70): VX0	Resp	50832
Ion	Ratio	Lower	Upper
59	100		
57	11.2	8.6	12.8

Manual Integrations
 APPROVED

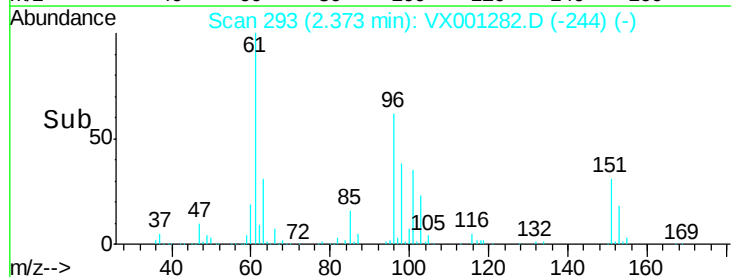
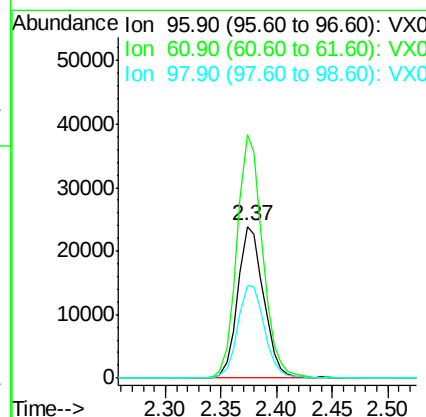
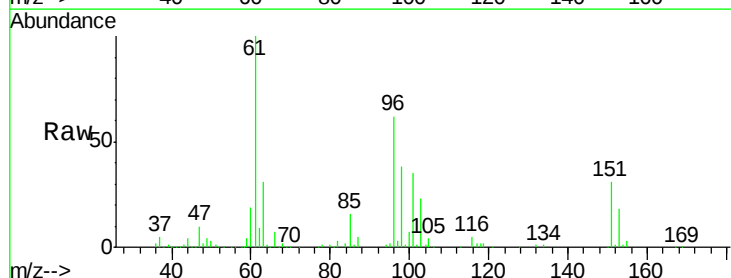
MMDadoda
 5/2/2018 4:20:55 PM

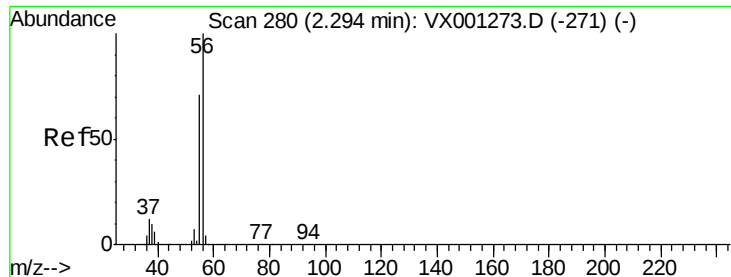


#12

1,1-Dichloroethene
 Concen: 19.93 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX001282.D
 Acq: 01 May 2018 16:51

Tgt Ion	96	Resp	38639
Ion	Ratio	Lower	Upper
96	100		
61	160.7	130.1	195.1
98	61.2	50.3	75.5





#13

Acrolein

Concen: 91.10 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBSD01

Tot Ion: 56 Resp: 24143

Ion Ratio Lower Upper

56 100

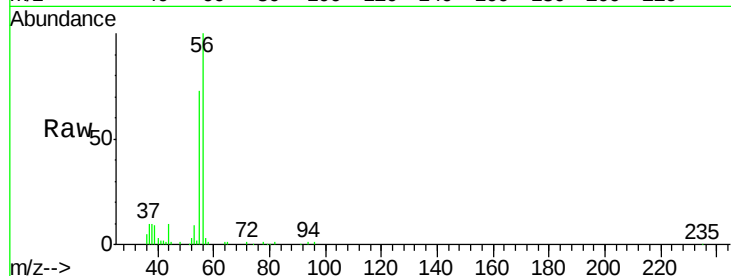
55 71.7 57.2 85.8

Manual Integrations

APPROVED

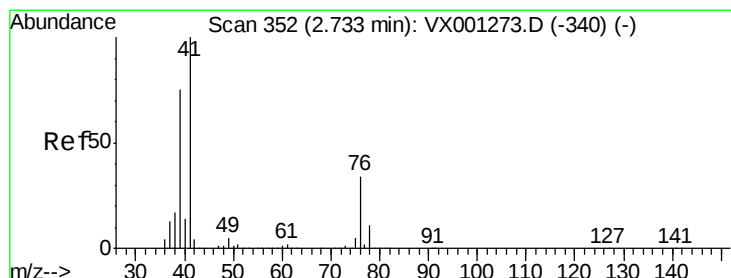
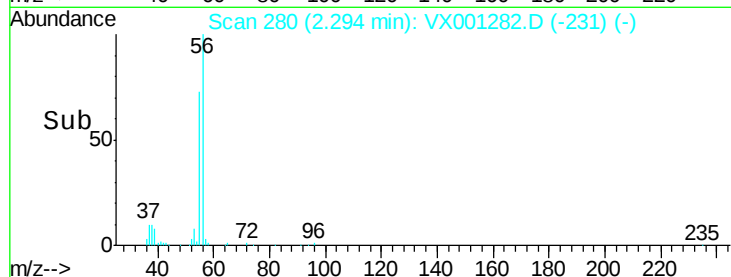
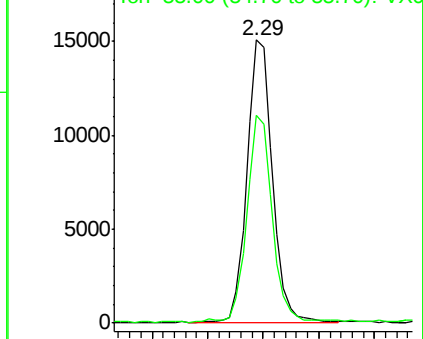
MMDadoda

5/2/2018 4:20:55 PM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.74 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

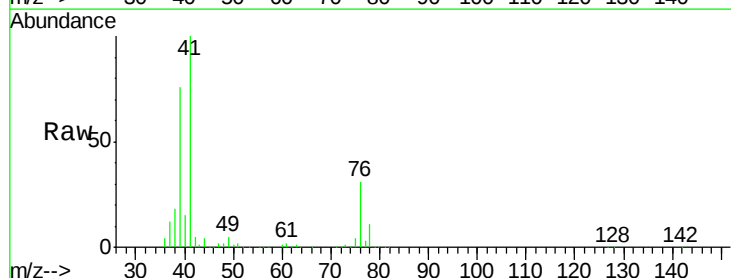
Tgt Ion: 41 Resp: 66953

Ion Ratio Lower Upper

41 100

39 73.3 58.1 87.1

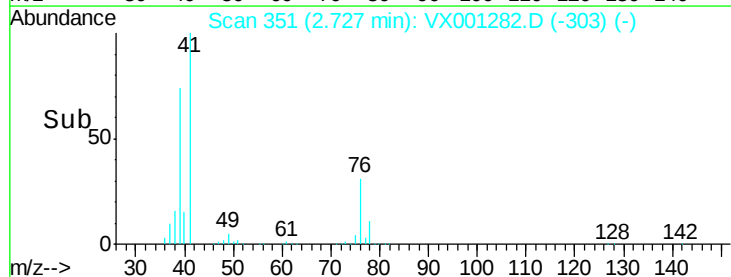
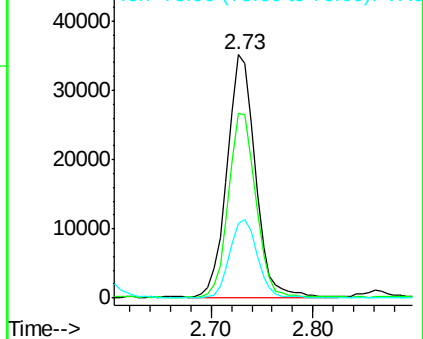
76 32.2 25.1 37.7

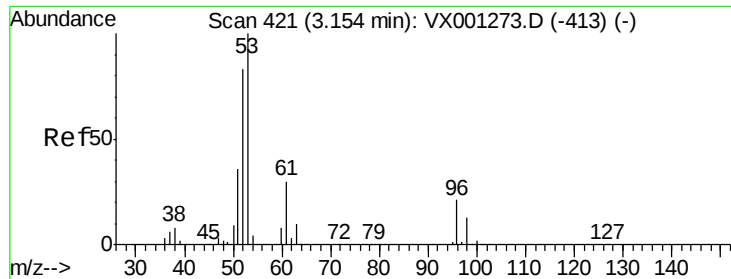


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 102.16 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Instrument :

MSVOA_X

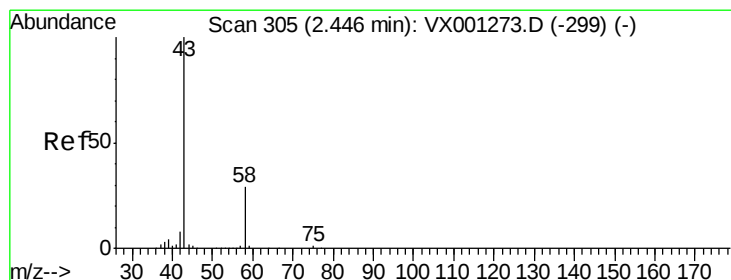
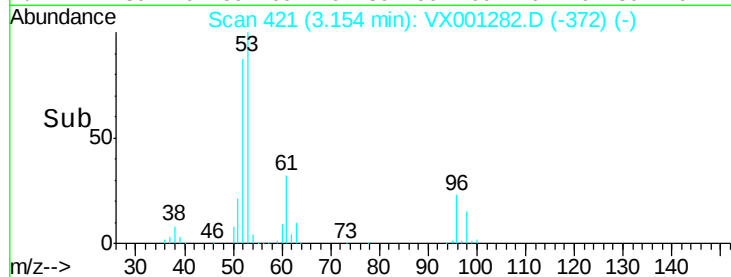
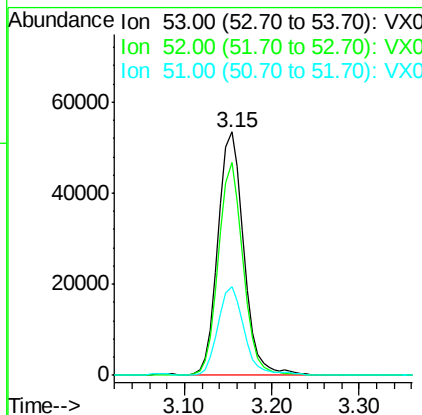
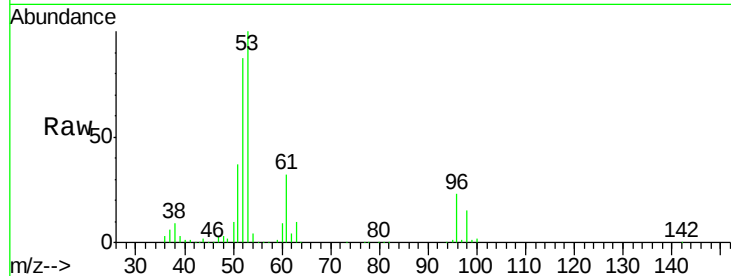
ClientSampled :

VX0501WBSD01

Tot Ion:	53	Resp:	108989
Ion Ratio		Lower	Upper
53	100		
52	83.5	67.0	100.4
51	37.4	29.9	44.9

Manual Integrations
APPROVED

MMDadoda
5/2/2018 4:20:55 PM



#16

Acetone

Concen: 100.87 ug/l

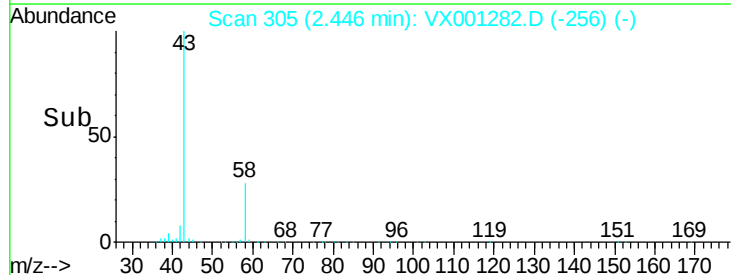
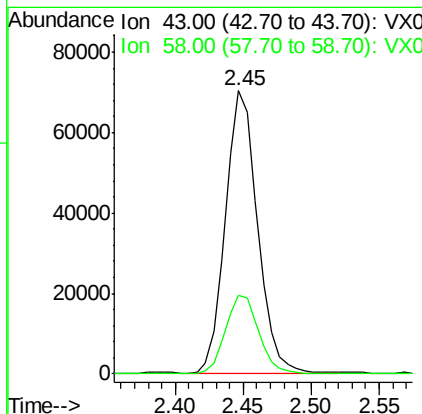
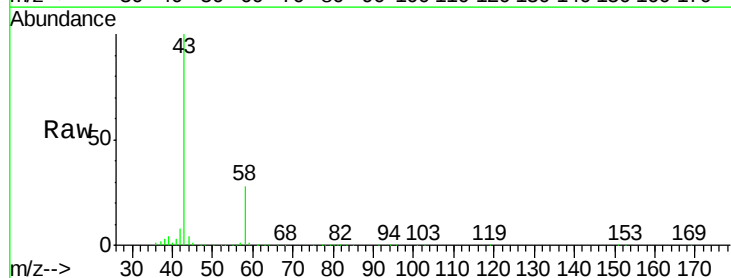
RT: 2.45 min Scan# 305

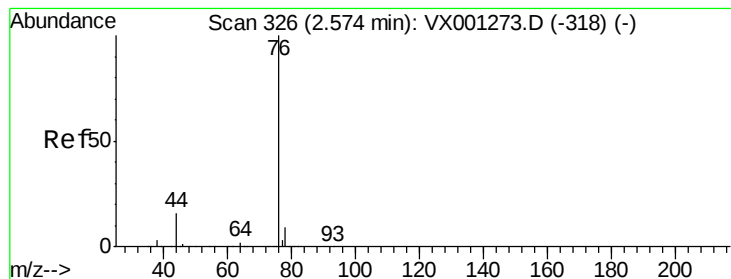
Delta R.T. 0.00 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Tgt Ion:	43	Resp:	115190
Ion Ratio		Lower	Upper
43	100		
58	28.0	22.8	34.2





#17

Carbon Disulfide

Concen: 18.34 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBSD01

Tot Ion: 76 Resp: 92652

Ion Ratio Lower Upper

76 100

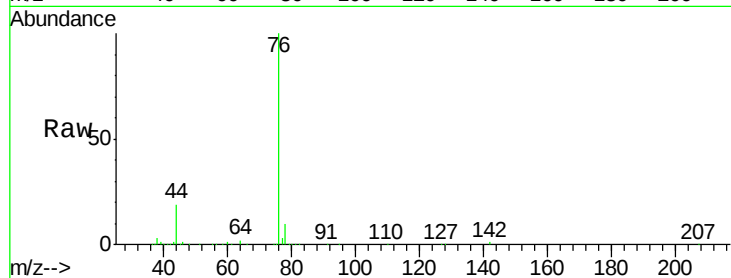
78 9.4 7.0 10.4

Manual Integrations

APPROVED

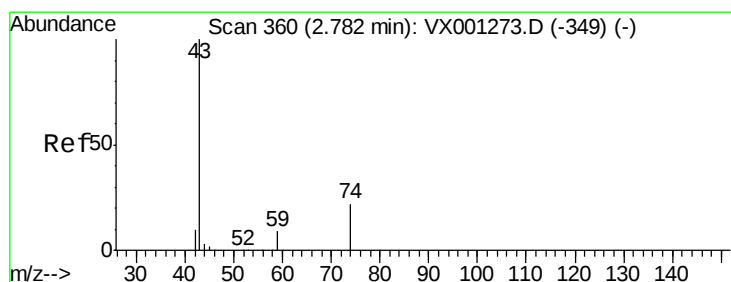
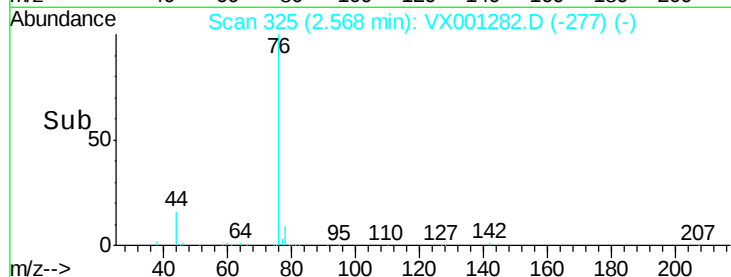
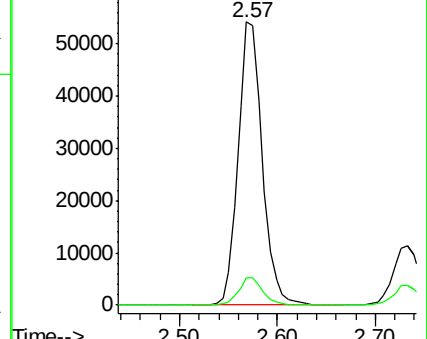
MMDadoda

5/2/2018 4:20:55 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.26 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001282.D

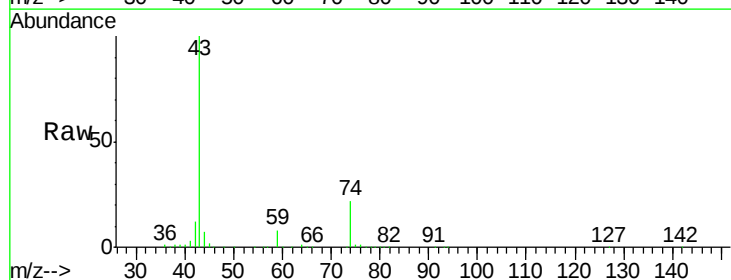
Acq: 01 May 2018 16:51

Tgt Ion: 43 Resp: 57348

Ion Ratio Lower Upper

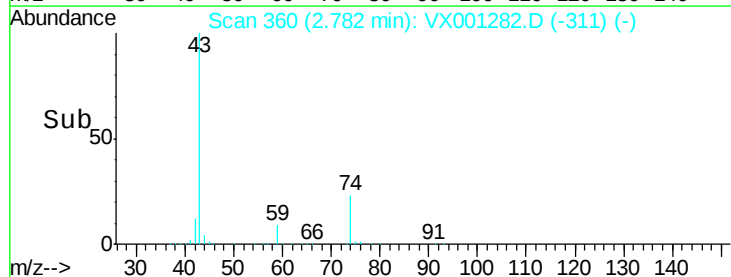
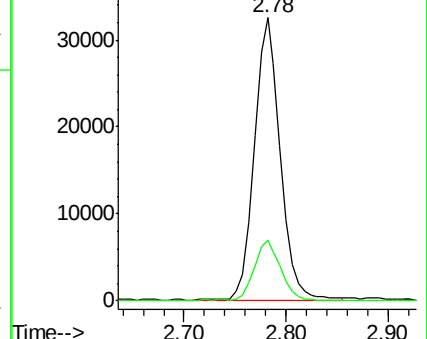
43 100

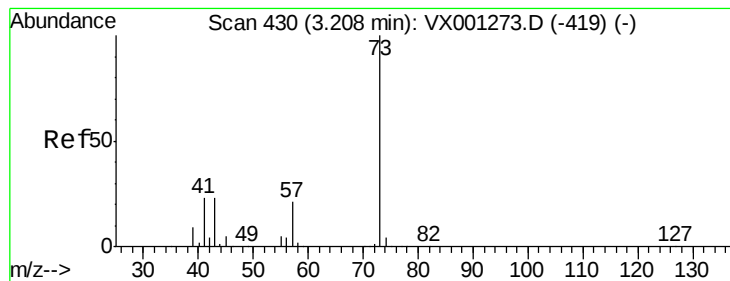
74 22.6 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

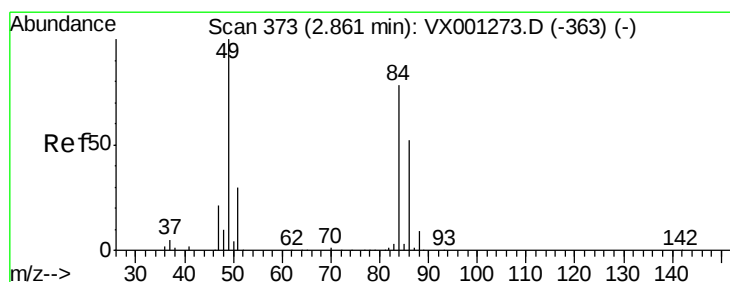
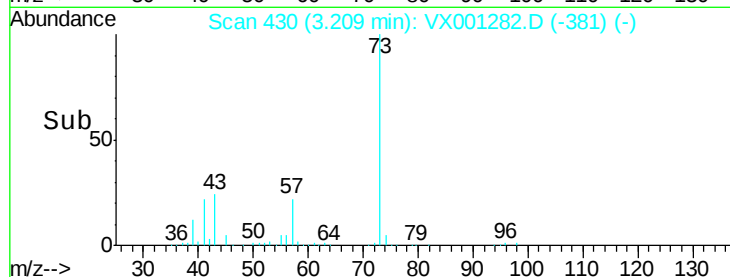
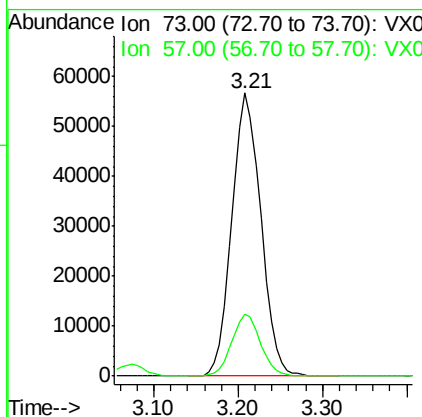
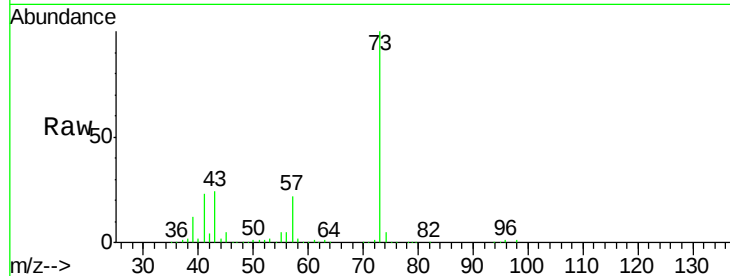
Methyl tert-butyl Ether
 Concen: 20.05 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX001282.D
 Acq: 01 May 2018 16:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	16.8	25.2

Manual Integrations
 APPROVED

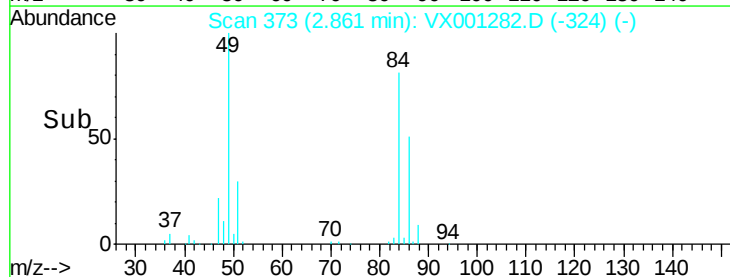
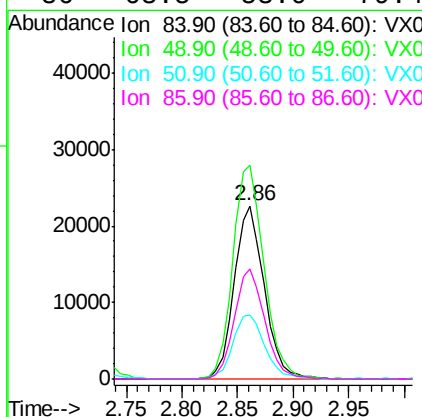
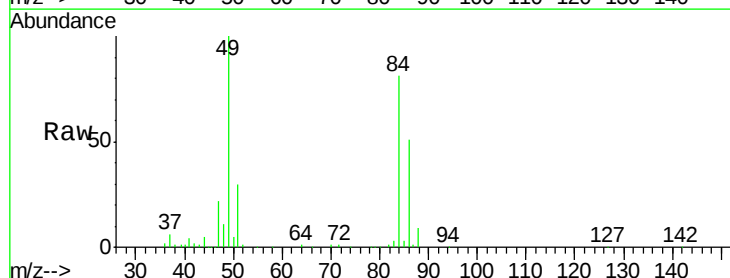
MMDadoda
 5/2/2018 4:20:55 PM

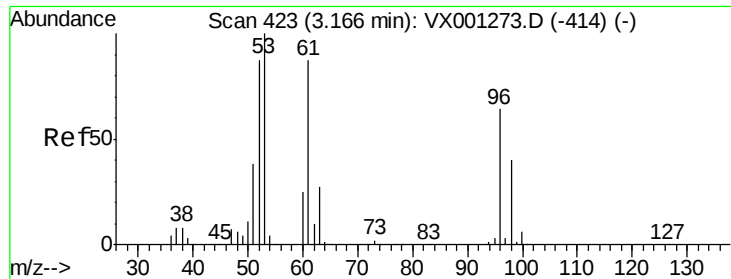


#20

Methylene Chloride
 Concen: 19.56 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX001282.D
 Acq: 01 May 2018 16:51

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.4	102.8	154.2
51	37.1	30.9	46.3
86	63.5	53.0	79.4





#21

trans-1,2-Dichloroethene

Concen: 19.36 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBSD01

Tot Ion: 96 Resp: 40862

Ion Ratio Lower Upper

96 100

61 140.7 108.6 162.8

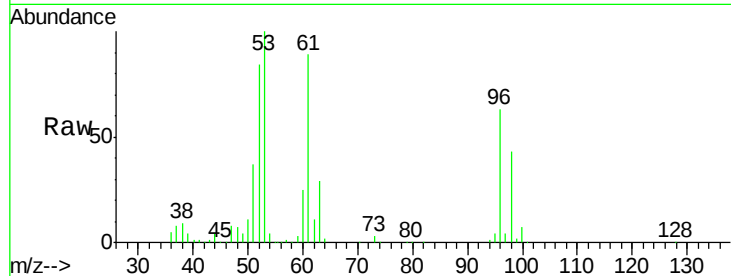
98 68.3 49.7 74.5

Manual Integrations

APPROVED

MMDadoda

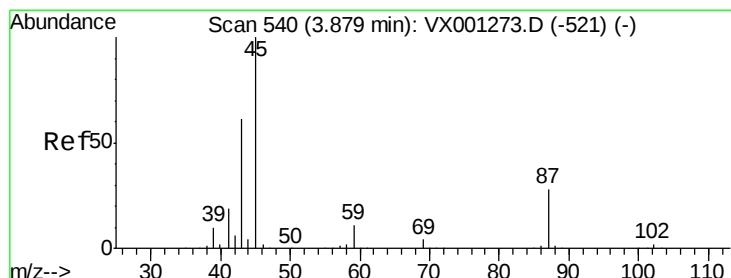
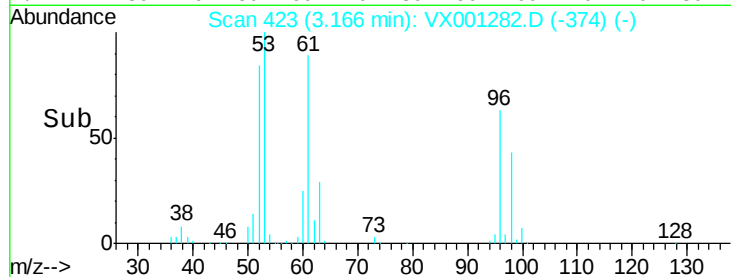
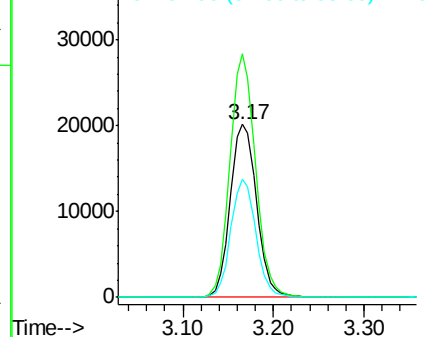
5/2/2018 4:20:55 PM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.74 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Tgt Ion: 45 Resp: 122408

Ion Ratio Lower Upper

45 100

43 66.5 48.7 73.1

87 28.0 22.2 33.4

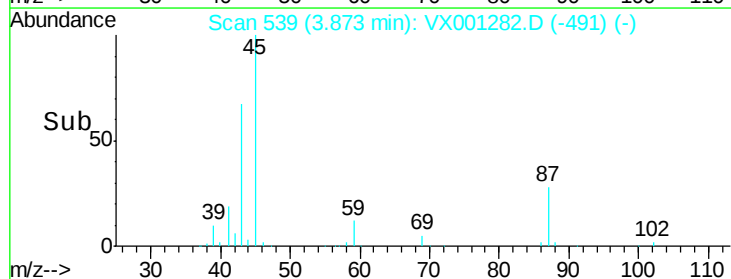
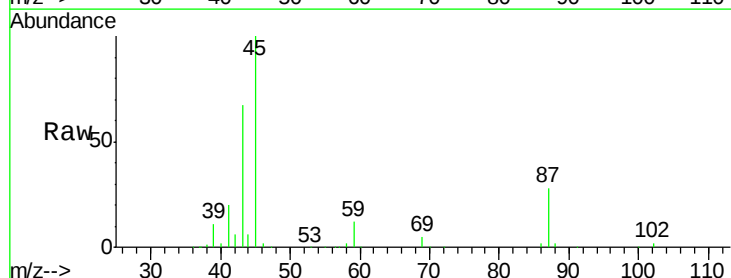
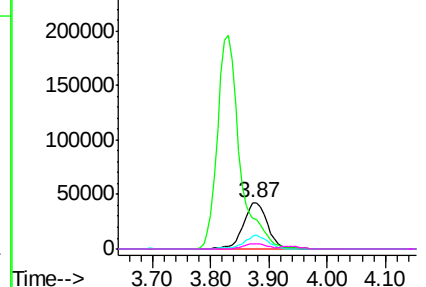
59 12.4 9.1 13.7

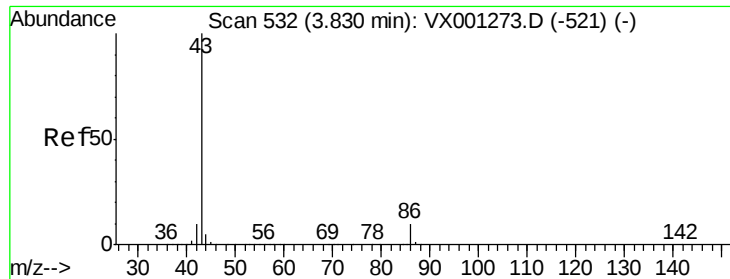
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 94.54 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBSD01

Tot Ion: 43 Resp: 523327

Ion Ratio Lower Upper

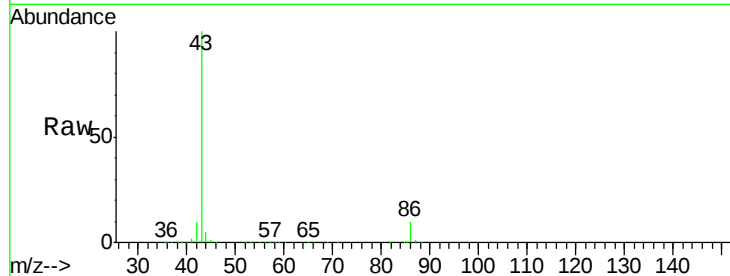
43 100

86 10.3 8.2 12.4

Manual Integrations
APPROVED

MMDadoda

5/2/2018 4:20:55 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

200000

150000

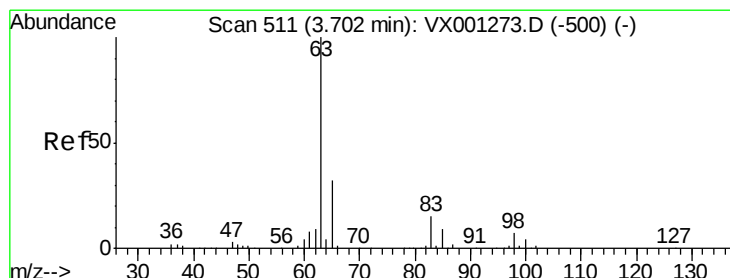
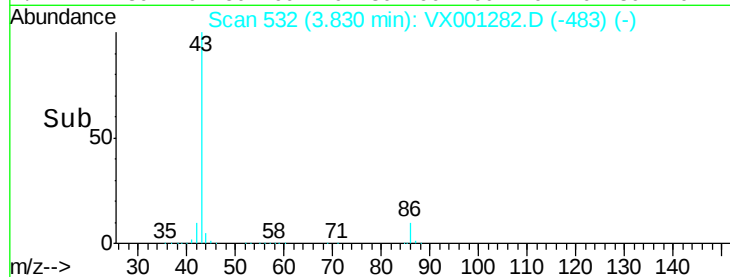
100000

50000

0

3.80 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 20.30 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

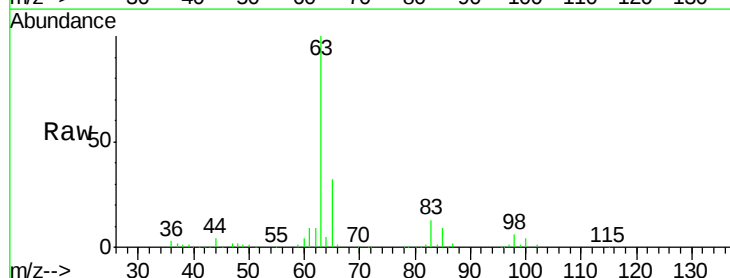
Tgt Ion: 63 Resp: 73880

Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.5

100 4.3 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

40000

30000

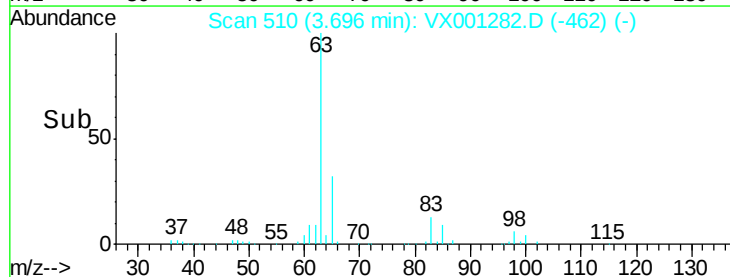
20000

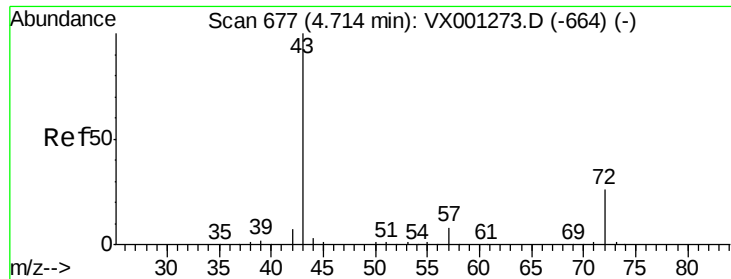
10000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 99.03 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBSD01

Tot Ion: 43 Resp: 152910

Ion Ratio Lower Upper

43 100

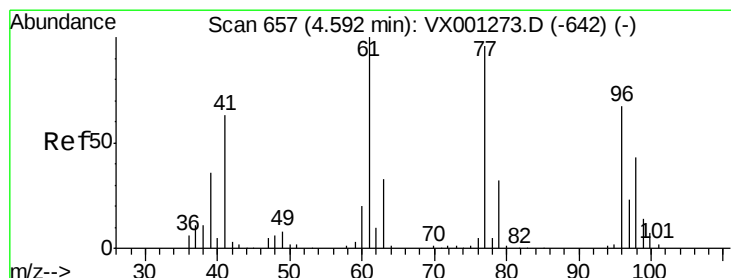
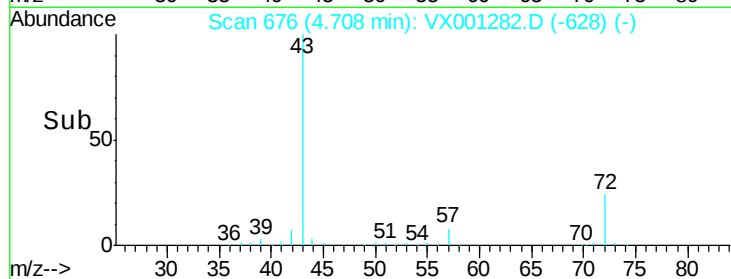
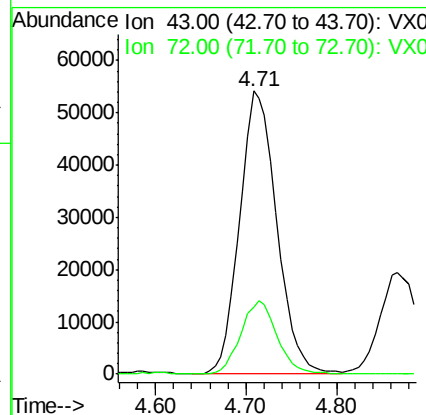
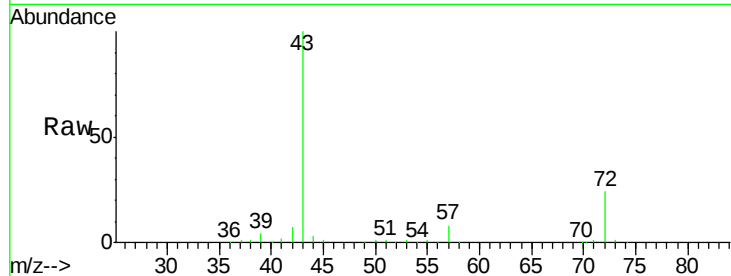
72 23.7 20.5 30.7

Manual Integrations

APPROVED

MMDadoda

5/2/2018 4:20:55 PM



#26

2,2-Dichloropropane

Concen: 18.53 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX001282.D

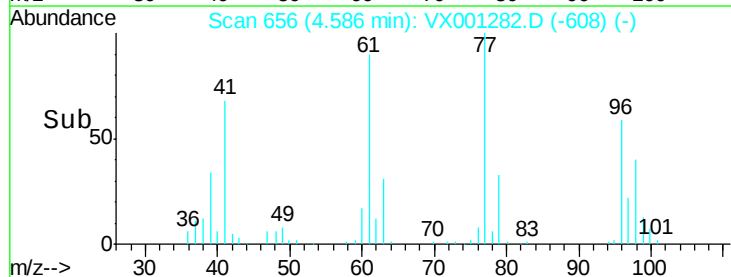
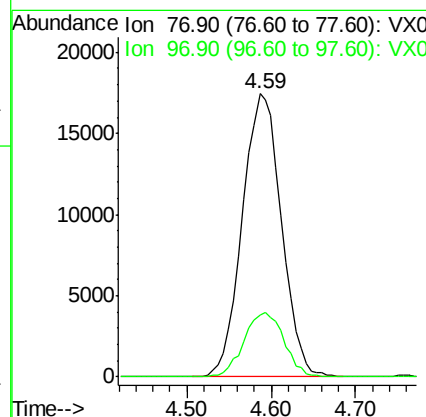
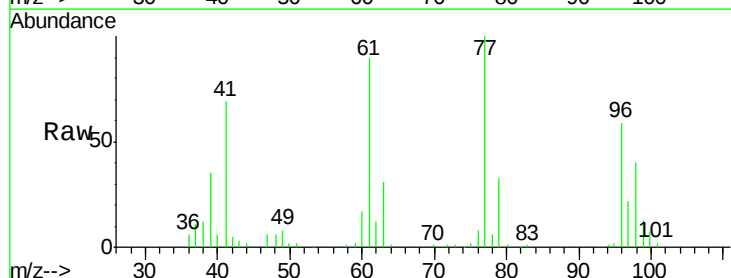
Acq: 01 May 2018 16:51

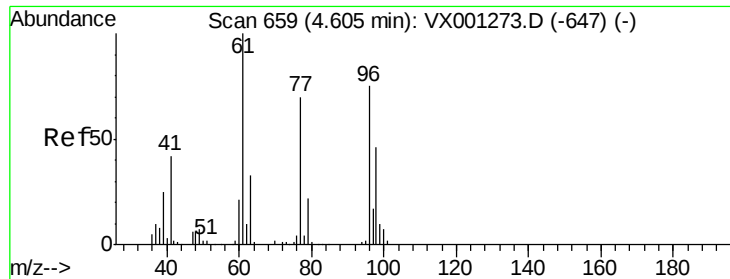
Tgt Ion: 77 Resp: 54873

Ion Ratio Lower Upper

77 100

97 23.4 11.8 35.3





#27

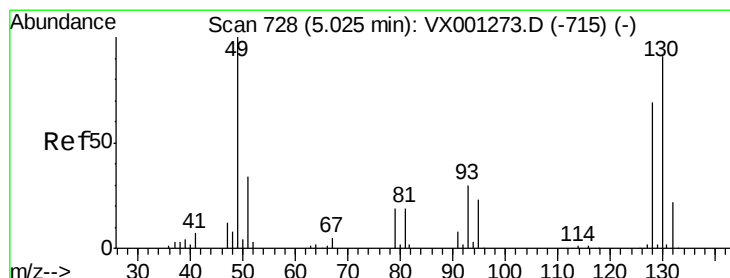
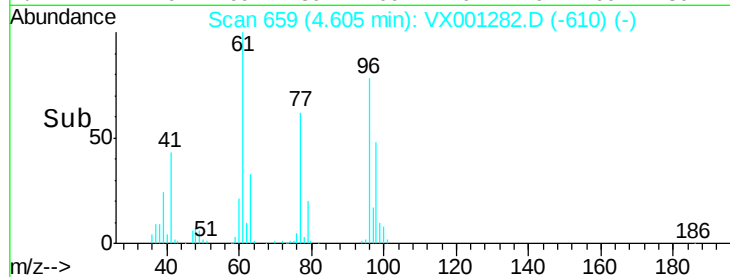
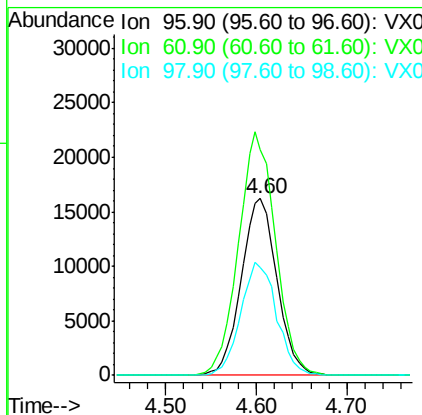
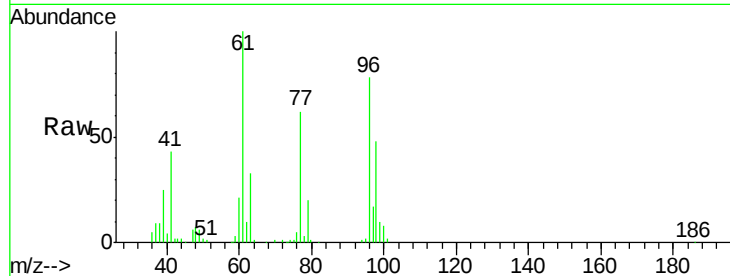
cis-1,2-Dichloroethene
 Concen: 19.11 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VX001282.D
 Acq: 01 May 2018 16:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.6	0.0	288.0
98	64.3	0.0	130.2

Manual Integrations
 APPROVED

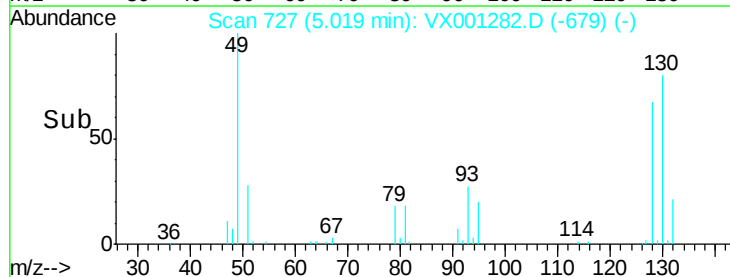
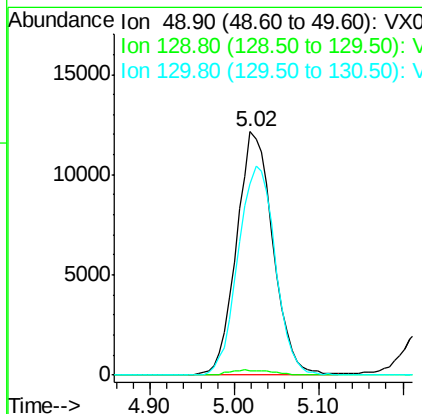
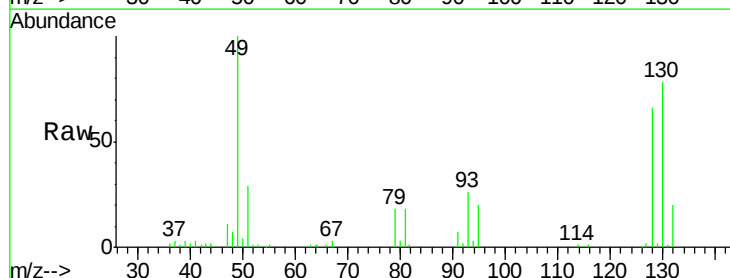
MMDadoda
 5/2/2018 4:20:55 PM

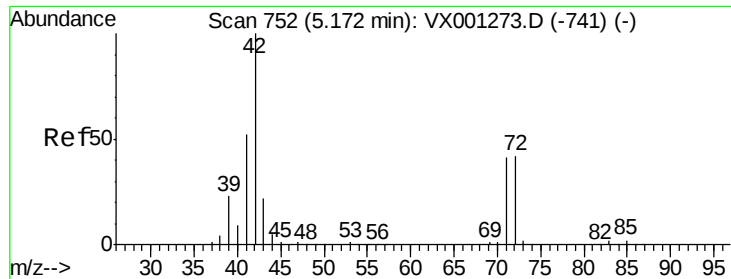


#28

Bromochloromethane
 Concen: 21.71 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: VX001282.D
 Acq: 01 May 2018 16:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.8
130	87.7	70.4	105.6





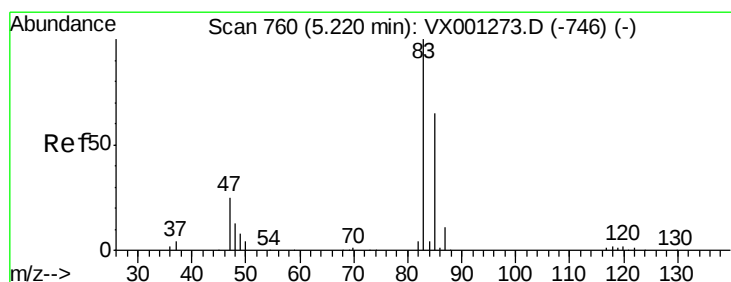
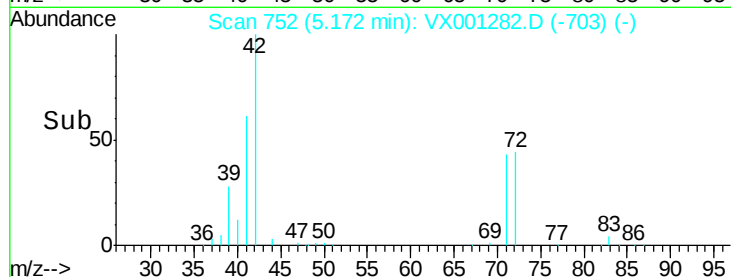
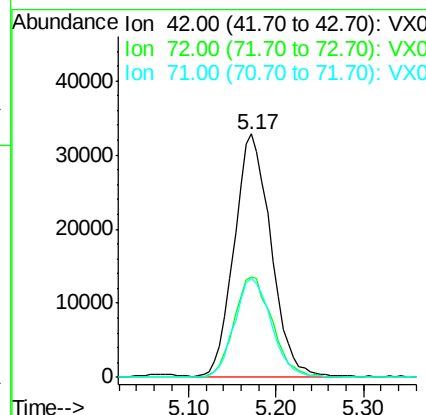
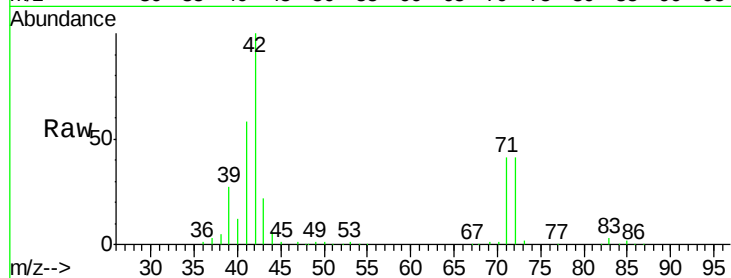
#29
Tetrahydrofuran
Concen: 100.51 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX001282.D
Acq: 01 May 2018 16:51

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.2	34.6	52.0
71	41.0	32.7	49.1

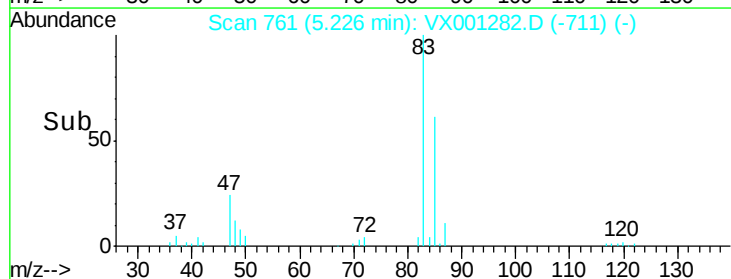
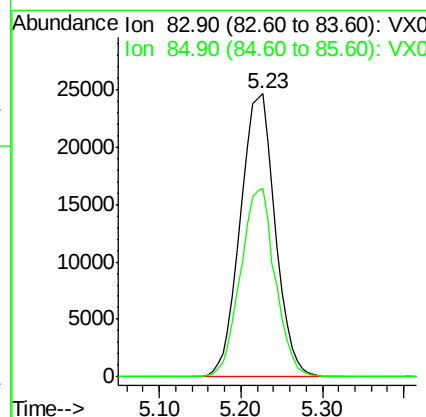
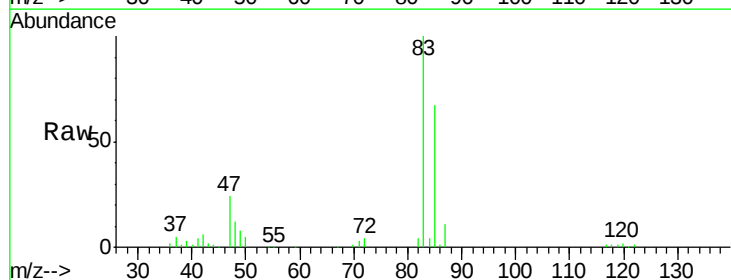
Manual Integrations
APPROVED

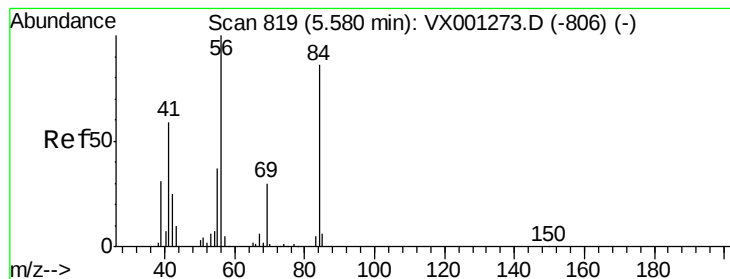
MMDadoda
5/2/2018 4:20:55 PM



#30
Chloroform
Concen: 19.02 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001282.D
Acq: 01 May 2018 16:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.7	52.2	78.2





#31

Cyclohexane

Concen: 19.21 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Instrument :

MSVOA_X

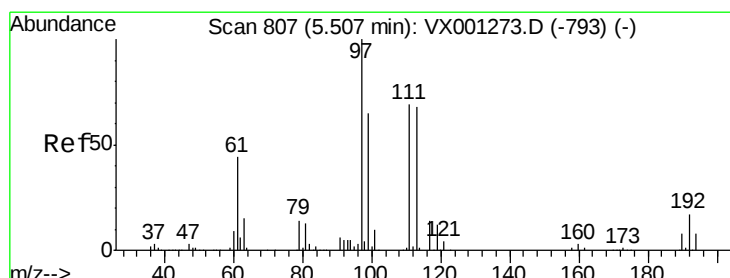
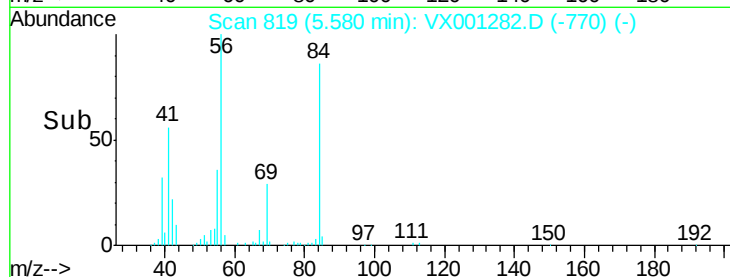
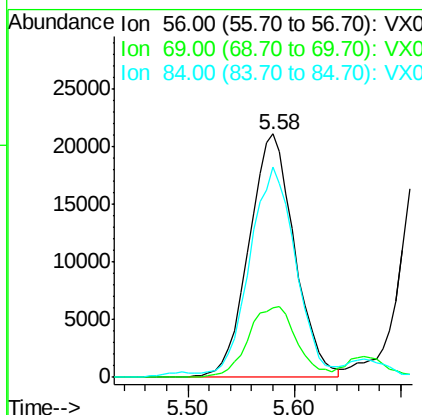
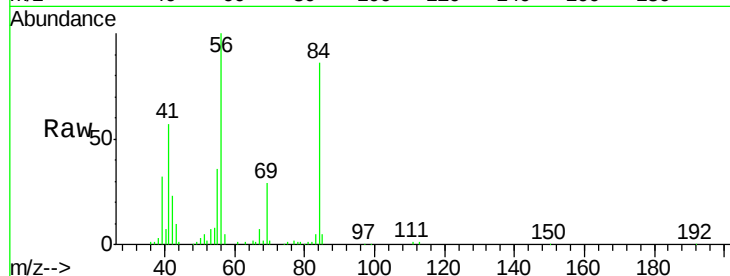
ClientSampleId :

VX0501WBSD01

Tot Ion:	56	Resp:	63127
Ion	Ratio	Lower	Upper
56	100		
69	28.7	24.0	36.0
84	84.6	69.0	103.4

Manual Integrations
APPROVED

MMDadoda
5/2/2018 4:20:55 PM



#32

1,1,1-Trichloroethane

Concen: 19.17 ug/l

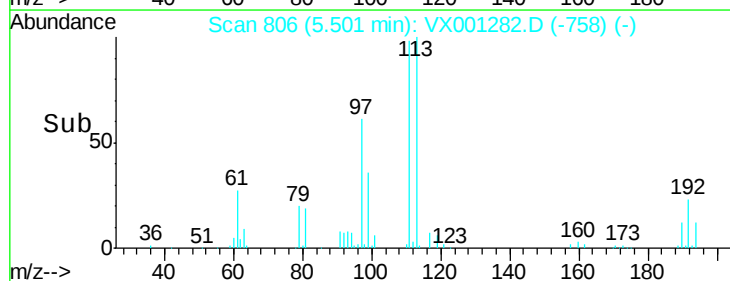
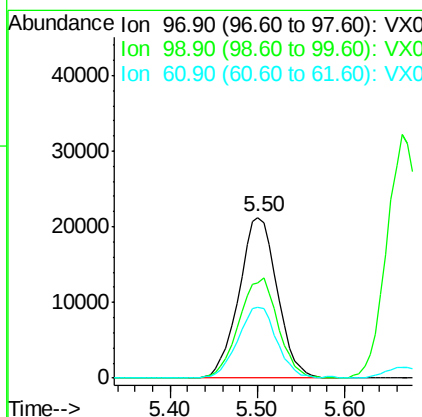
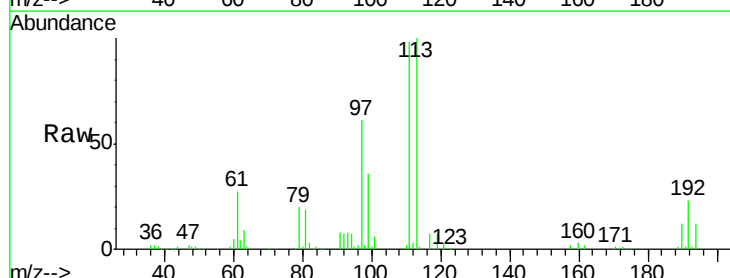
RT: 5.50 min Scan# 806

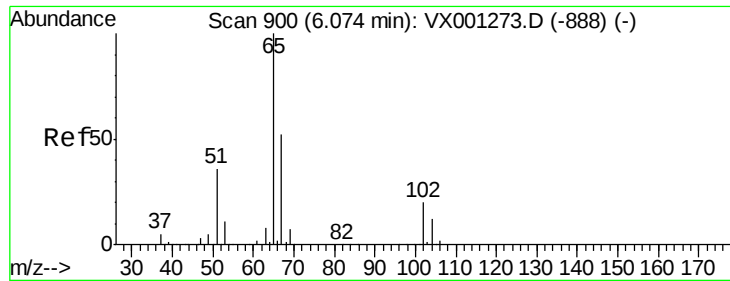
Delta R.T. -0.01 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Tgt Ion:	97	Resp:	64444
Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.8	77.6
61	44.8	35.4	53.2





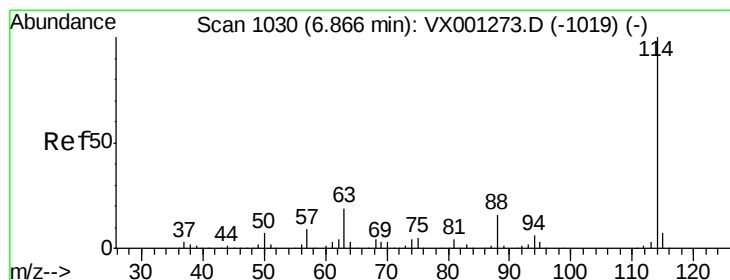
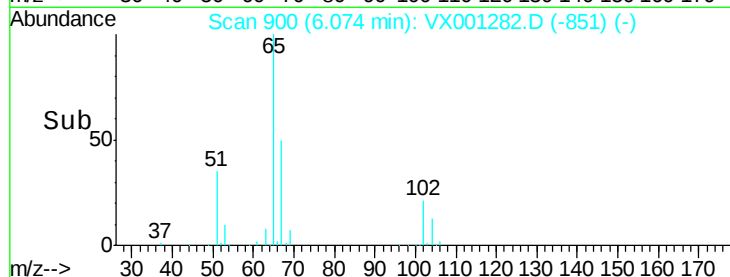
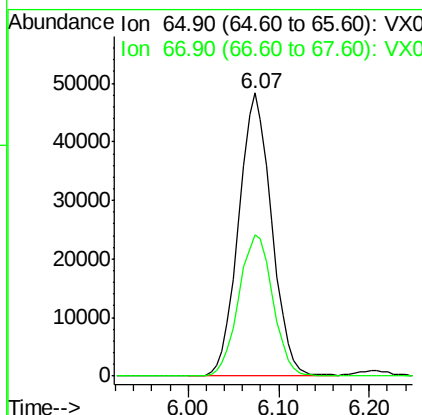
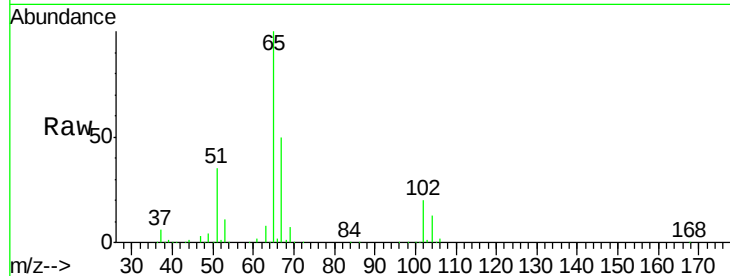
#33
 1,2-Dichloroethane-d4
 Concen: 45.48 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001282.D
 Acq: 01 May 2018 16:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	121677		
67	51.7	0.0	102.8	

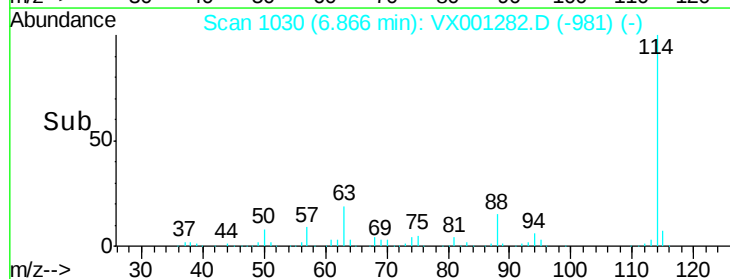
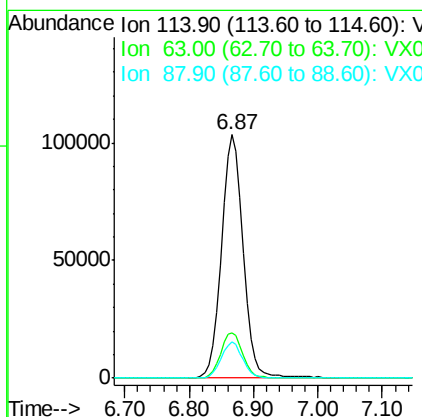
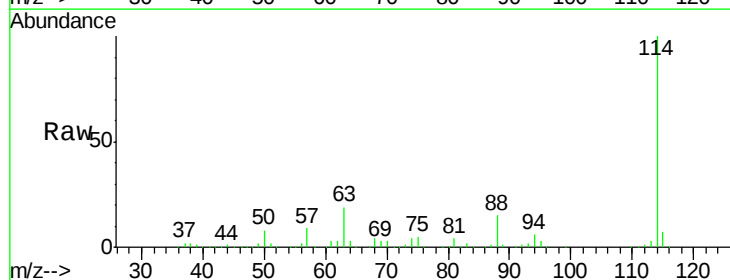
Manual Integrations
 APPROVED

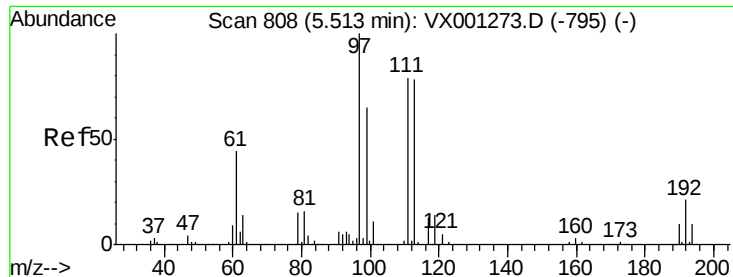
MMDadoda
 5/2/2018 4:20:55 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001282.D
 Acq: 01 May 2018 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	245975		
63	18.6	0.0	38.8	
88	14.8	0.0	32.2	





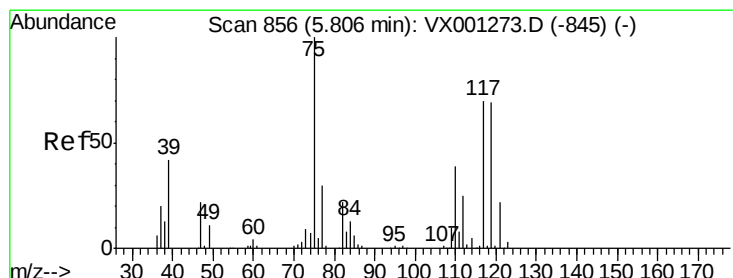
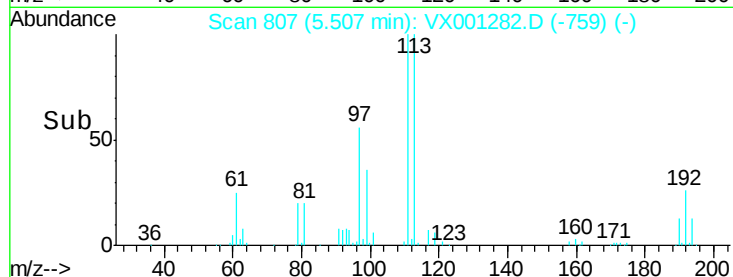
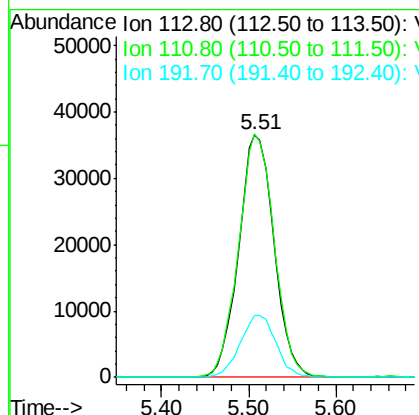
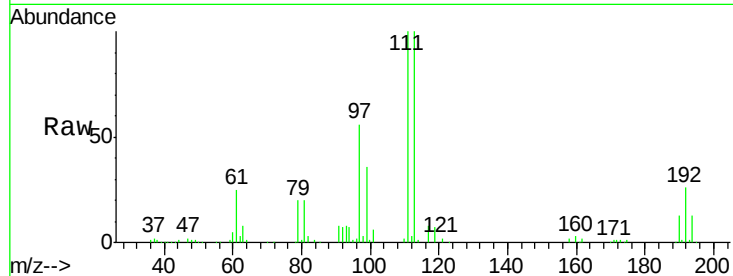
#35
 Dibromofluoromethane
 Concen: 48.58 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX001282.D
 Acq: 01 May 2018 16:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	102939		
111	101.1	81.2	121.8	
192	25.8	20.7	31.1	

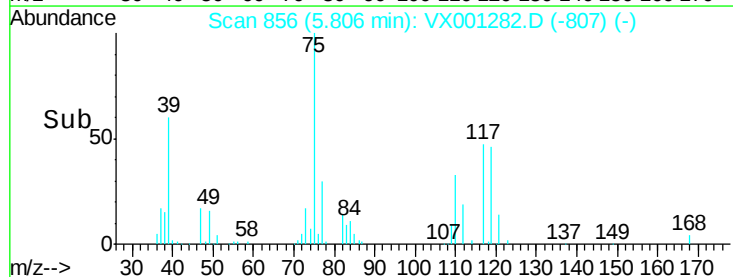
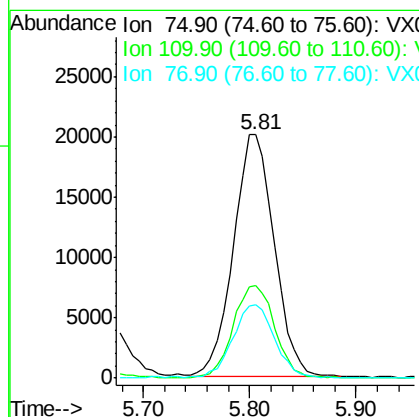
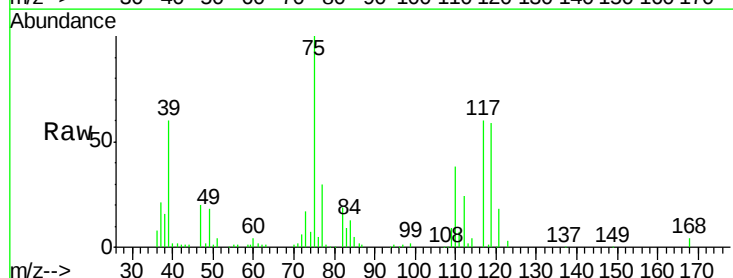
Manual Integrations
 APPROVED

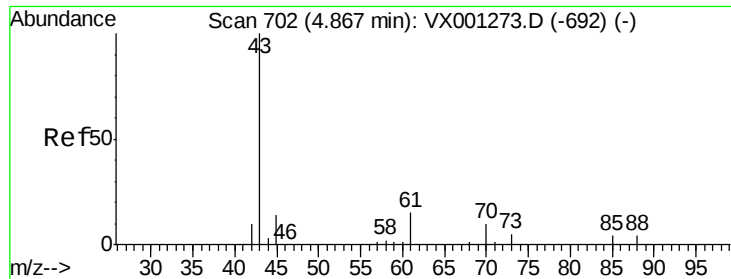
MMDadoda
 5/2/2018 4:20:55 PM



#36
 1,1-Dichloropropene
 Concen: 19.12 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX001282.D
 Acq: 01 May 2018 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	54280		
110	38.9	18.9	56.9	
77	31.1	24.2	36.2	





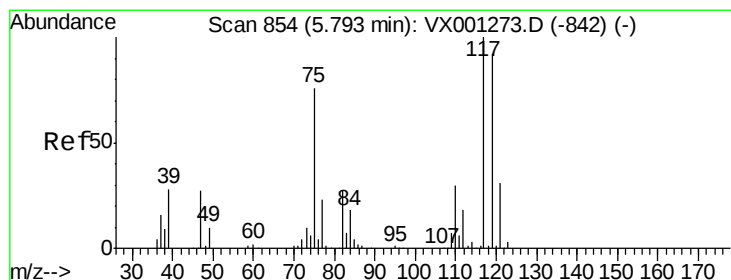
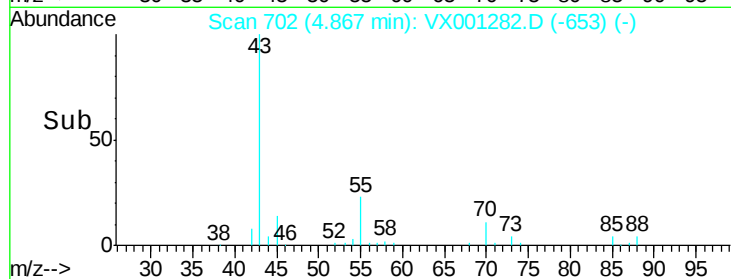
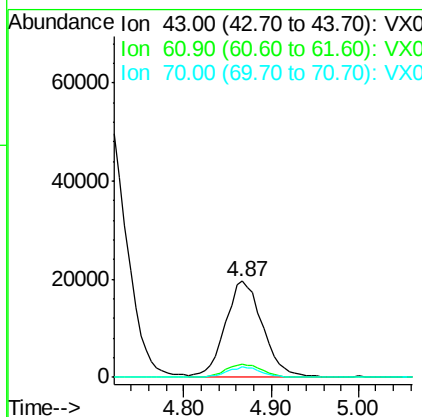
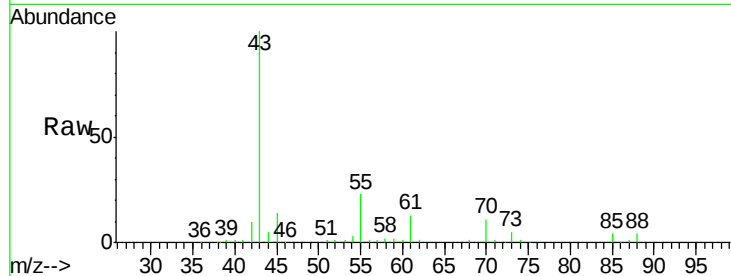
#37
Ethyl Acetate
Concen: 19.89 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX001282.D
Acq: 01 May 2018 16:51

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.7	16.1
70	10.2	8.0	12.0

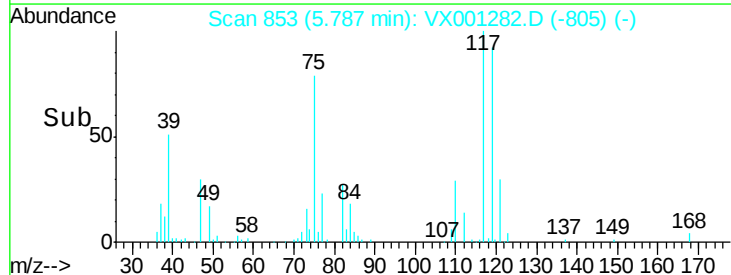
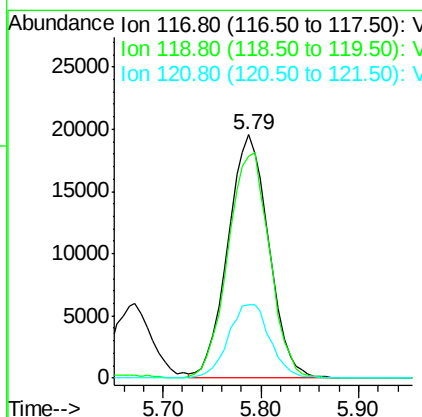
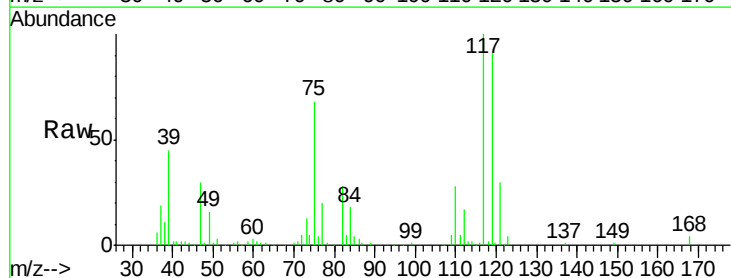
Manual Integrations
APPROVED

MMDadoda
5/2/2018 4:20:55 PM



#38
Carbon Tetrachloride
Concen: 19.08 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX001282.D
Acq: 01 May 2018 16:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.1	73.4	110.2
121	30.2	25.0	37.4





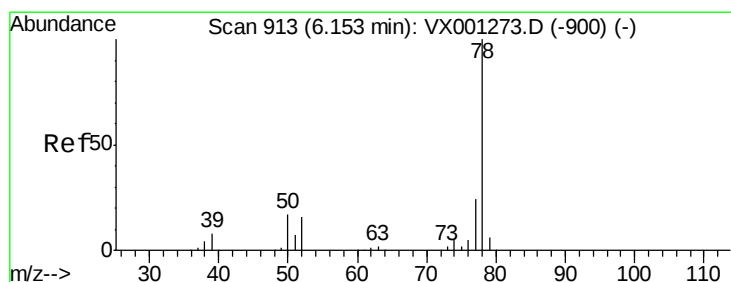
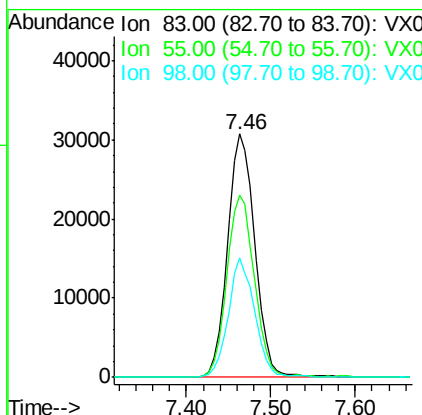
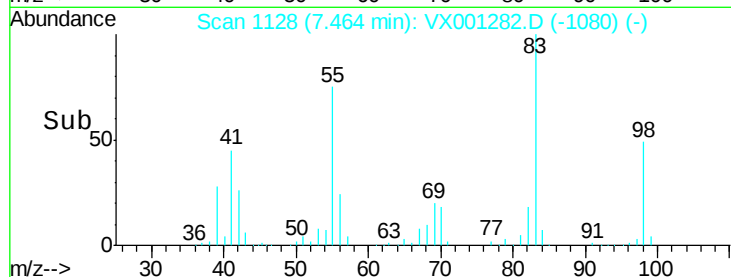
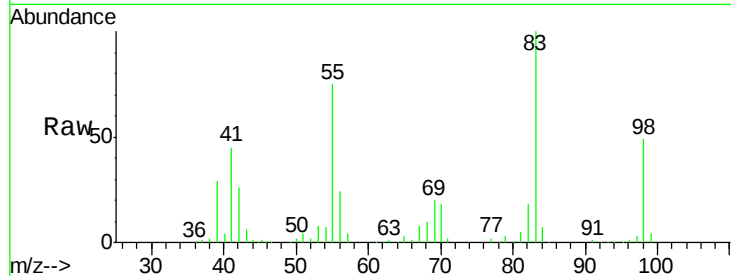
#39
Methvlcvclohexane
Concen: 20.14 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX001282.D
Acq: 01 May 2018 16:51

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.6	60.4	90.6
98	49.1	37.0	55.6

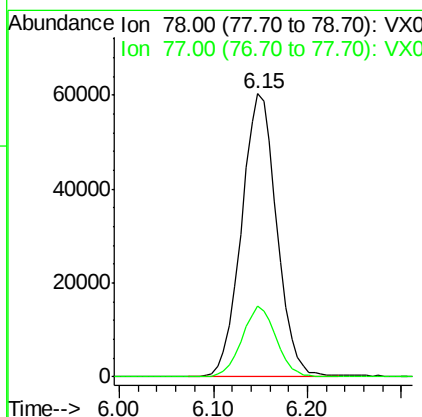
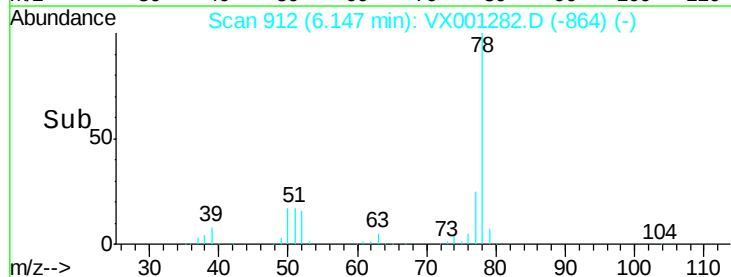
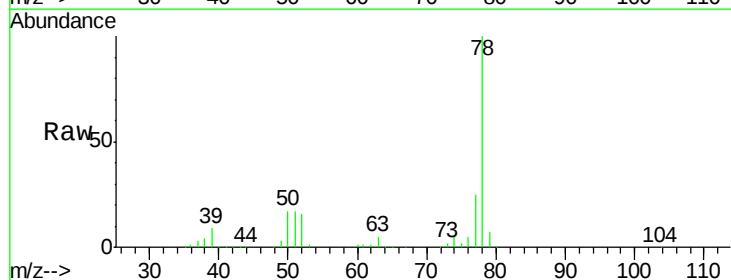
Manual Integrations
APPROVED

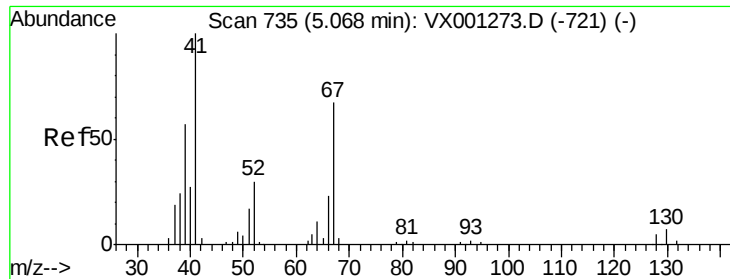
MMDadoda
5/2/2018 4:20:55 PM



#40
Benzene
Concen: 19.36 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX001282.D
Acq: 01 May 2018 16:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.2	19.0	28.4





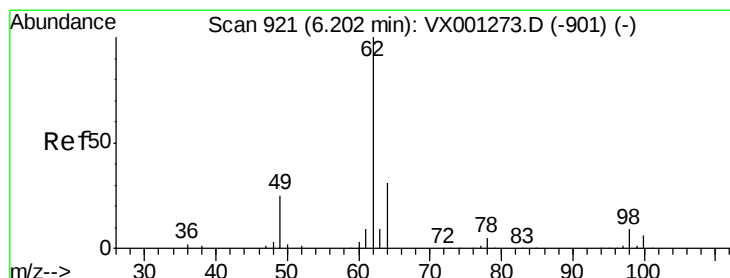
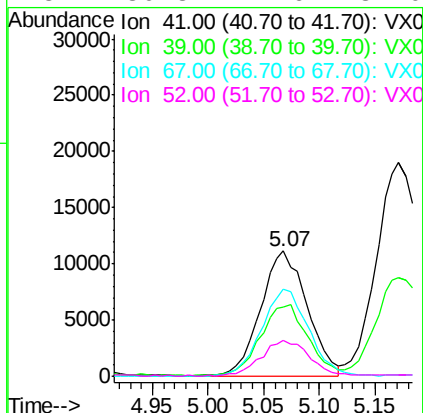
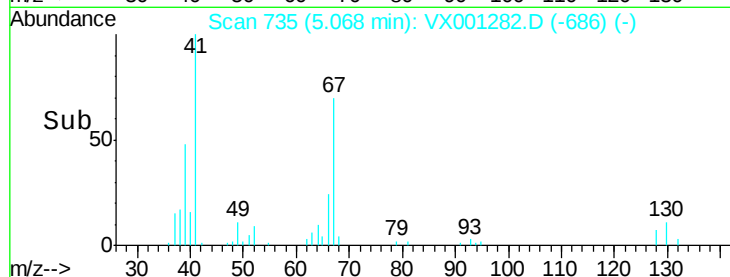
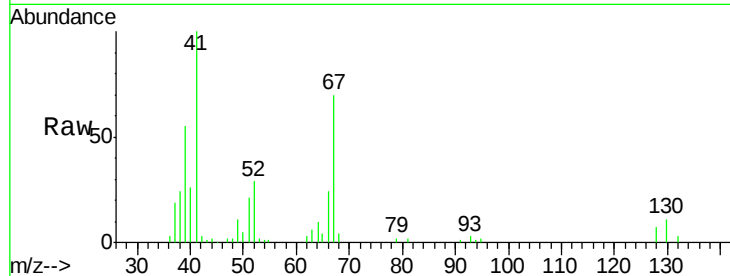
#41
Methacrylonitrile
Concen: 19.52 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX001282.D
Acq: 01 May 2018 16:51

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	58.1	45.8	68.8
67	69.6	54.8	82.2
52	30.3	24.6	37.0

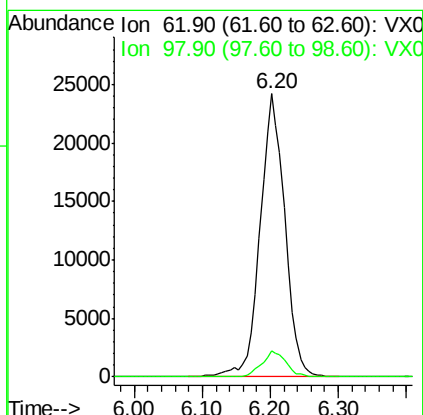
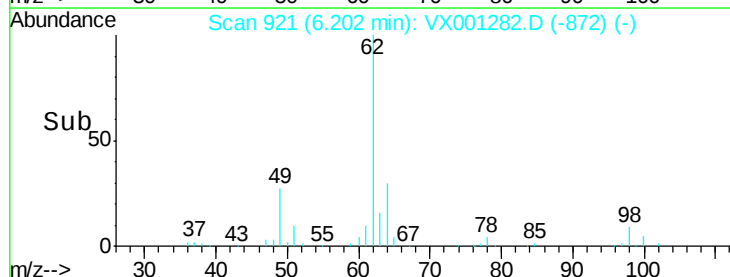
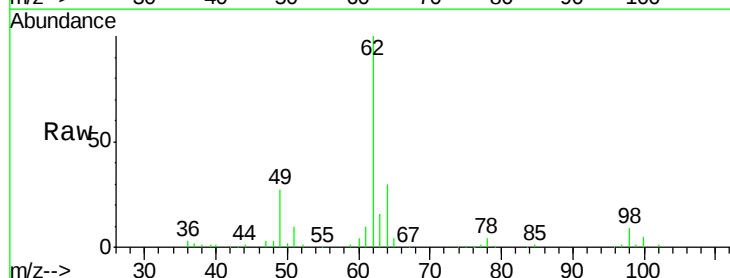
Manual Integrations
APPROVED

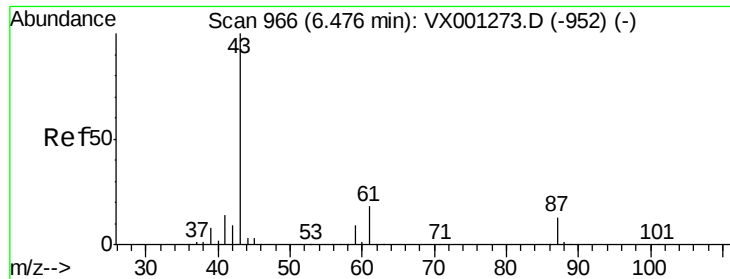
MMDadoda
5/2/2018 4:20:55 PM



#42
1,2-Dichloroethane
Concen: 19.44 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001282.D
Acq: 01 May 2018 16:51

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.2





#43

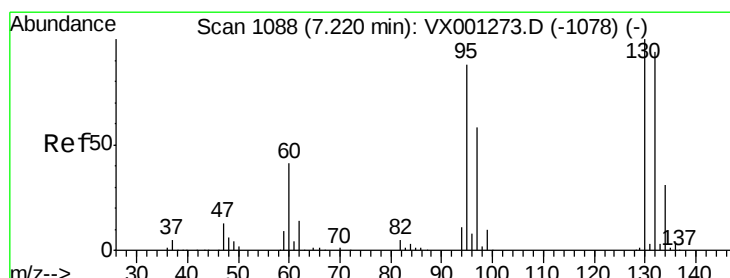
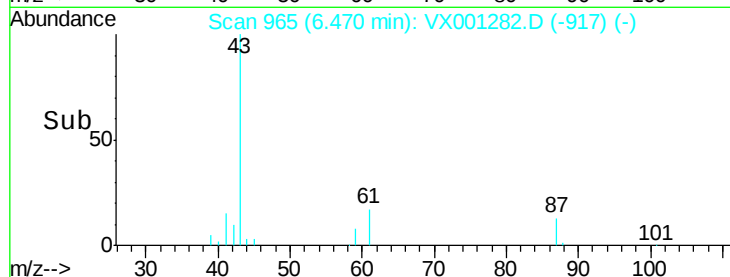
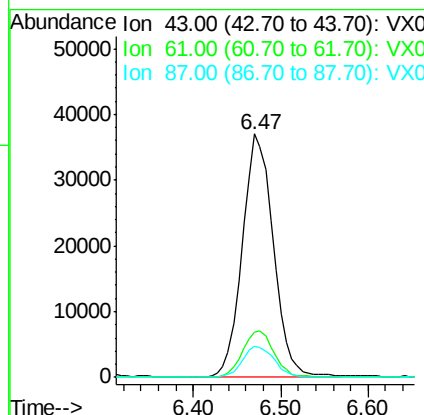
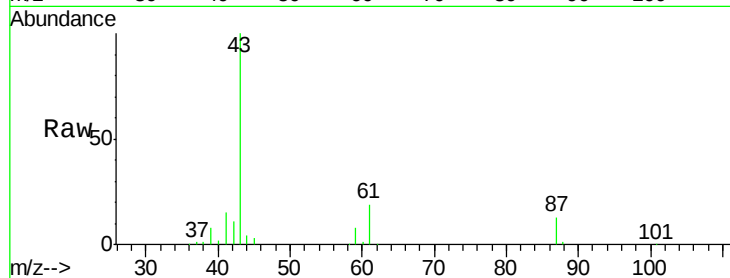
Isopropyl Acetate
 Concen: 19.64 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX001282.D
 Acq: 01 May 2018 16:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.0	22.4
87	13.2	10.2	15.4

Manual Integrations
 APPROVED

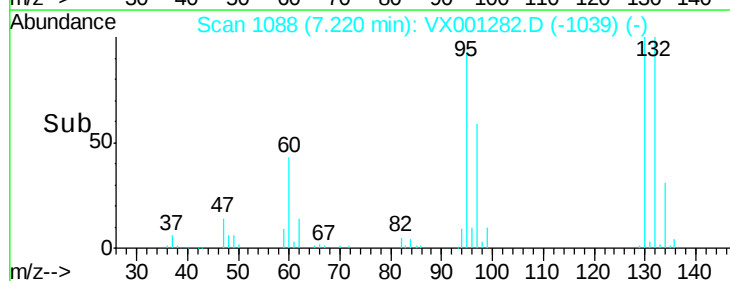
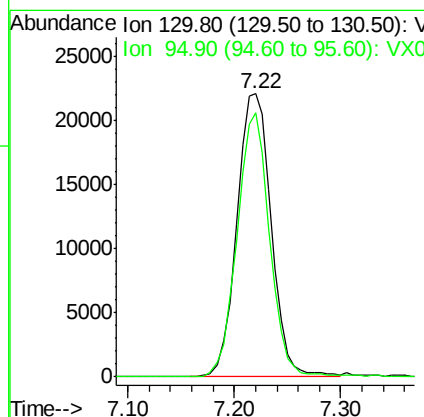
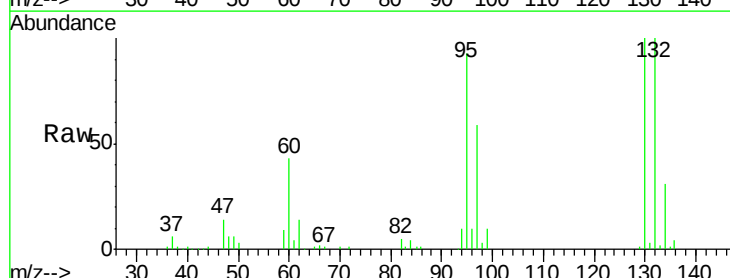
MMDadoda
 5/2/2018 4:20:55 PM

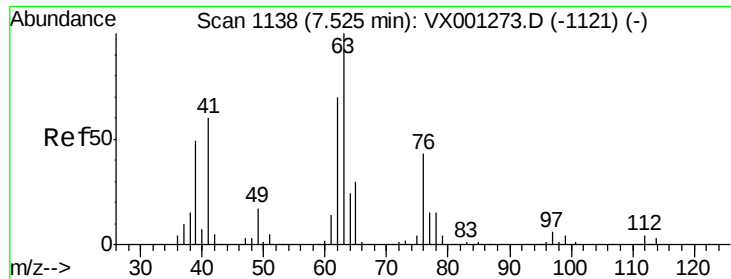


#44

Trichloroethene
 Concen: 20.01 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001282.D
 Acq: 01 May 2018 16:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.2	0.0	176.0





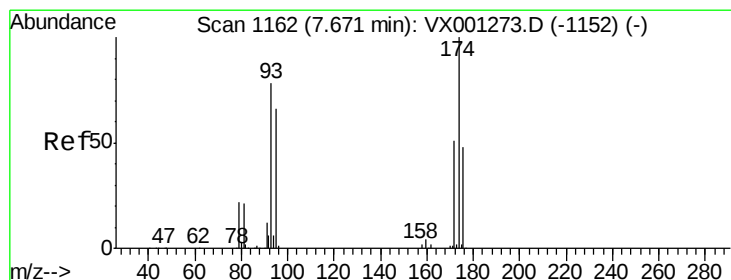
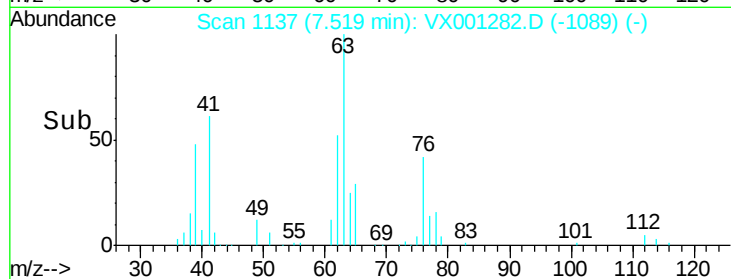
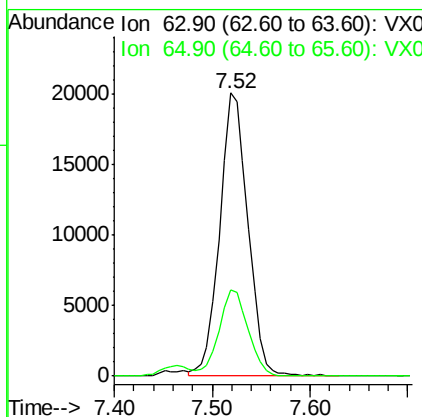
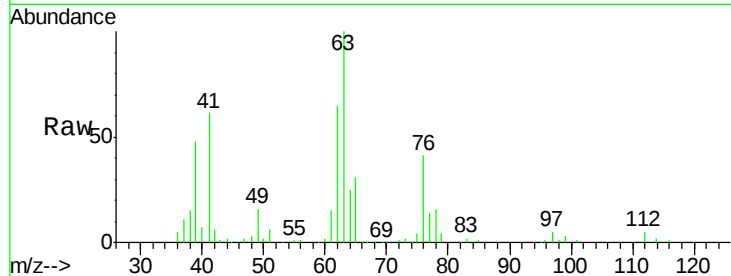
#45
 1,2-Dichloropropane
 Concen: 19.16 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX001282.D
 Acq: 01 May 2018 16:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.2	36.4

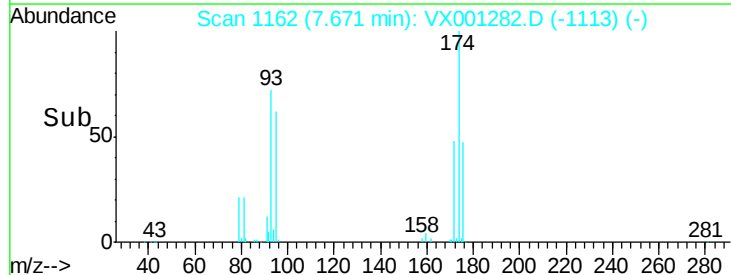
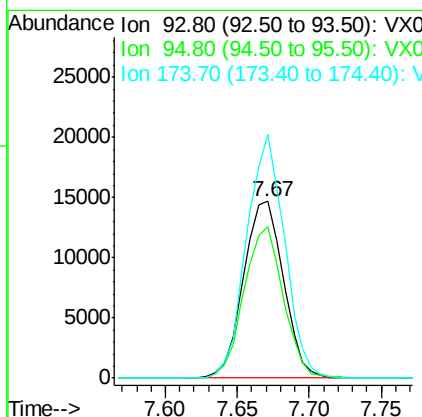
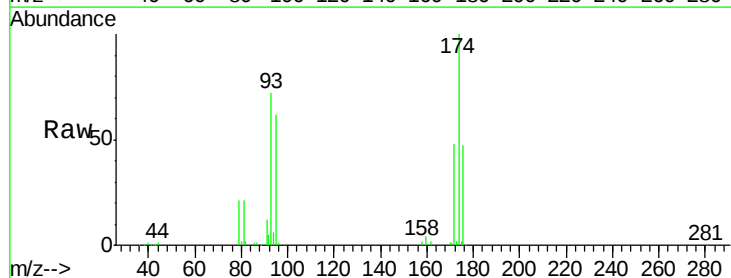
Manual Integrations
 APPROVED

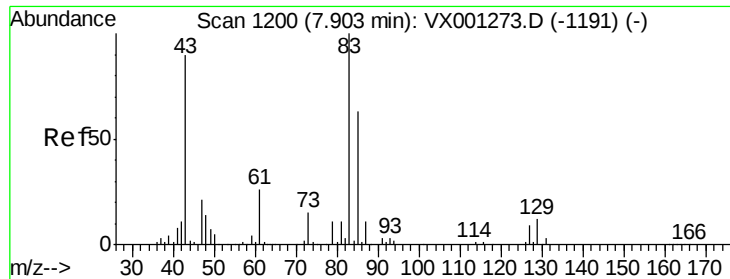
MMDadoda
 5/2/2018 4:20:55 PM



#46
 Dibromomethane
 Concen: 19.27 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX001282.D
 Acq: 01 May 2018 16:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.0	67.0	100.6
174	130.1	102.3	153.5





#47

Bromodichloromethane

Concen: 19.42 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Instrument :

MSVOA_X

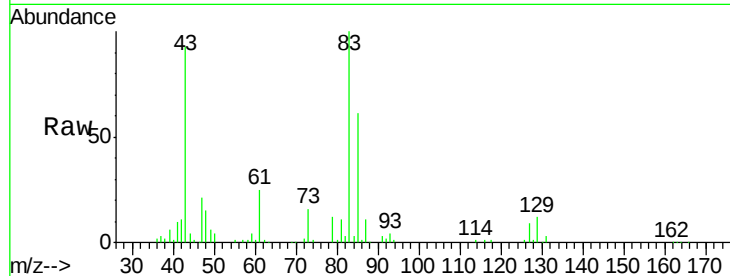
ClientSampleId :

VX0501WBSD01

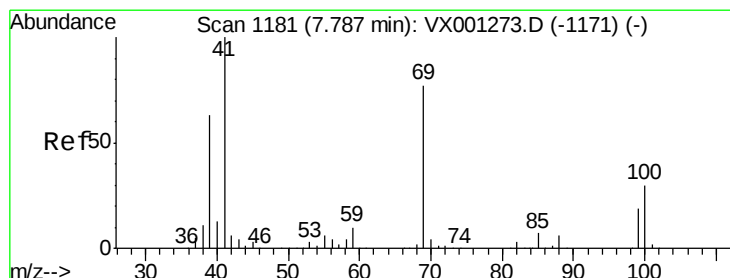
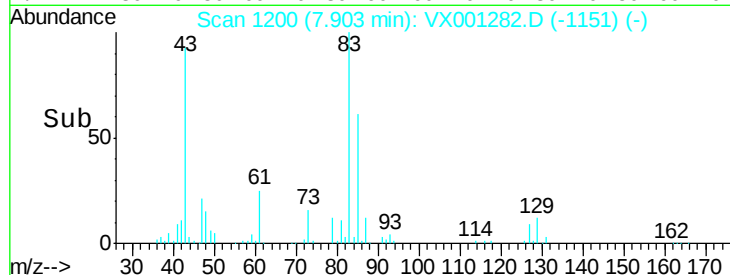
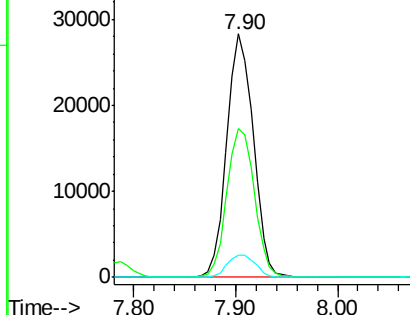
Tot Ion:	83	Resp:	51036
Ion	Ratio	Lower	Upper
83	100		
85	61.2	50.3	75.5
127	9.3	7.4	11.2

Manual Integrations
APPROVED

MMDadoda
5/2/2018 4:20:55 PM



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.32 ug/l

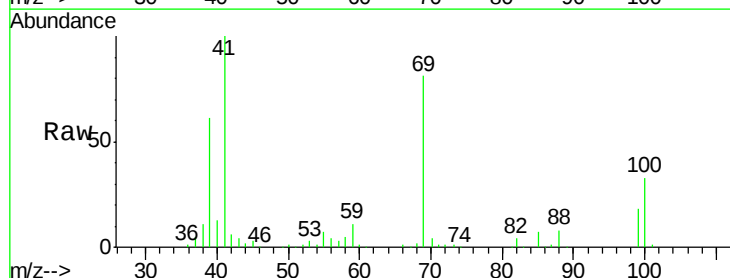
RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

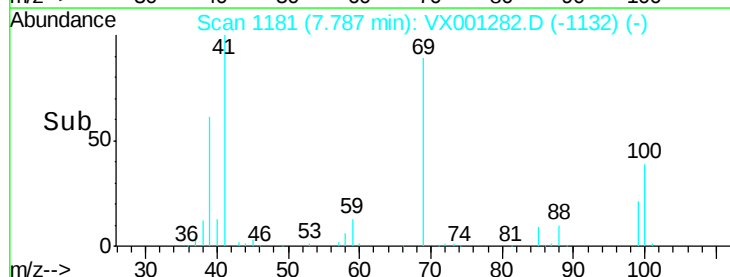
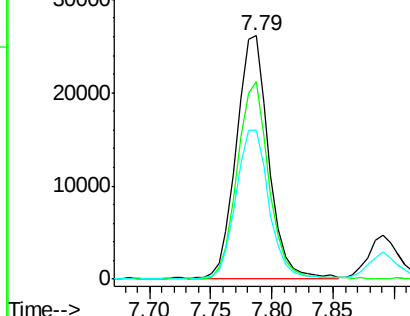
Lab File: VX001282.D

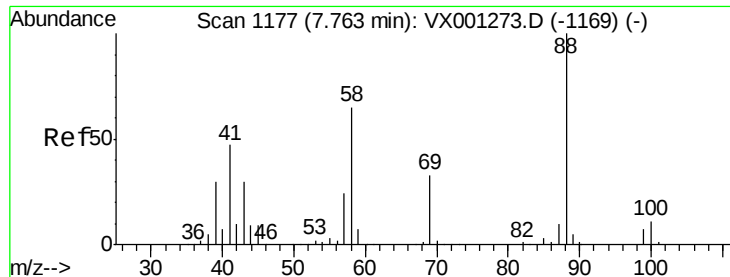
Acq: 01 May 2018 16:51

Tgt Ion:	41	Resp:	47676
Ion	Ratio	Lower	Upper
41	100		
69	80.2	63.0	94.6
39	62.2	50.2	75.4



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





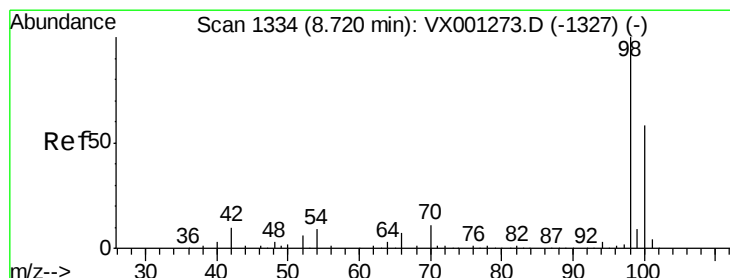
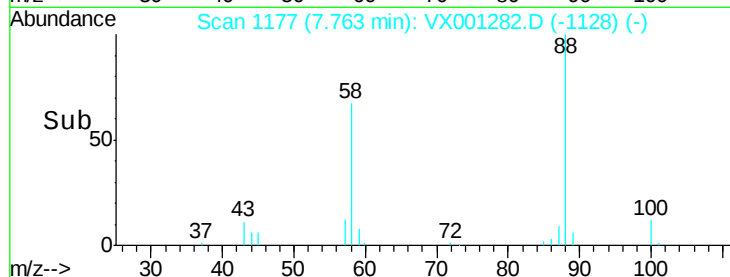
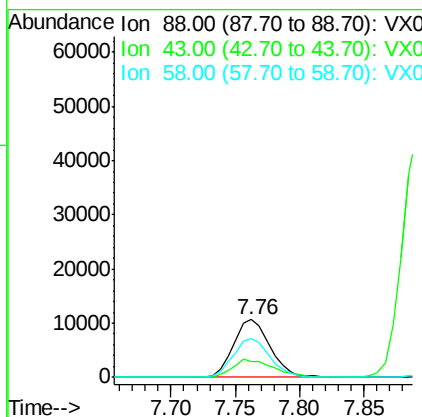
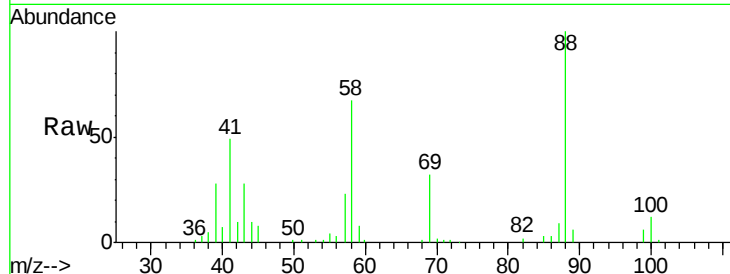
#49
 1,4-Dioxane
 Concen: 451.30 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VX001282.D
 Acq: 01 May 2018 16:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.5	27.9	41.9
58	68.3	54.2	81.2

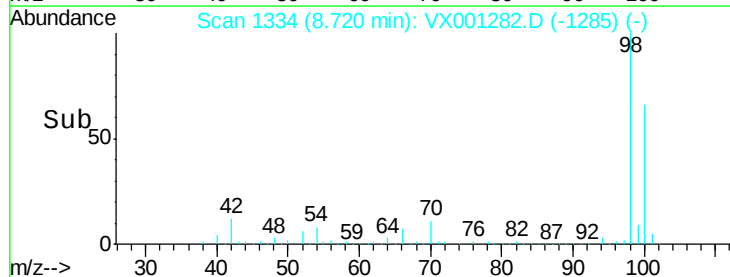
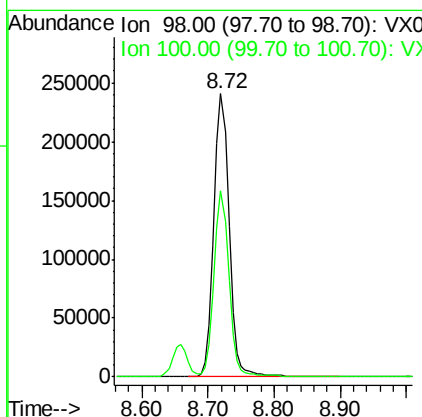
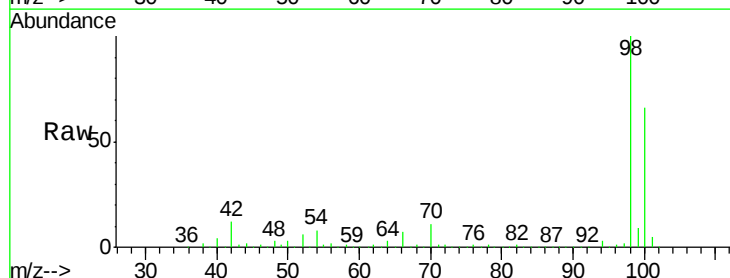
Manual Integrations
 APPROVED

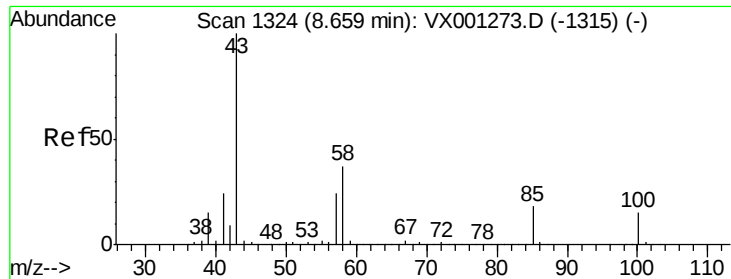
MMDadoda
 5/2/2018 4:20:55 PM



#50
 Toluene-d8
 Concen: 51.25 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX001282.D
 Acq: 01 May 2018 16:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.0	76.4





#51

4-Methyl-2-Pentanone

Concen: 102.56 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBSD01

Tot Ion: 43 Resp: 306864

Ion Ratio Lower Upper

43 100

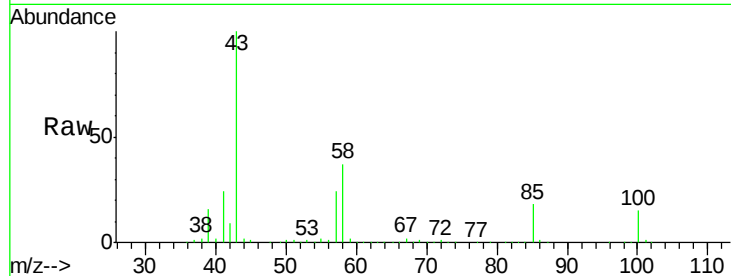
58 36.5 29.0 43.6

Manual Integrations

APPROVED

MMDadoda

5/2/2018 4:20:55 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

200000

150000

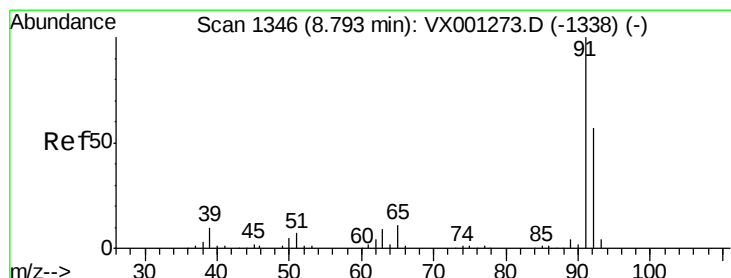
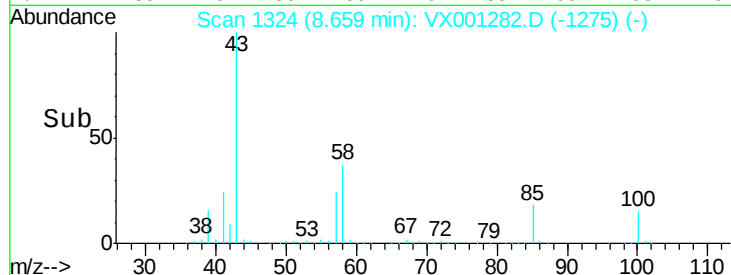
100000

50000

0

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 20.02 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001282.D

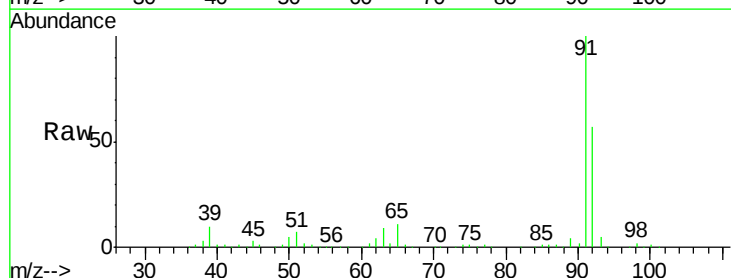
Acq: 01 May 2018 16:51

Tgt Ion: 92 Resp: 106875

Ion Ratio Lower Upper

92 100

91 173.2 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

120000

100000

80000

60000

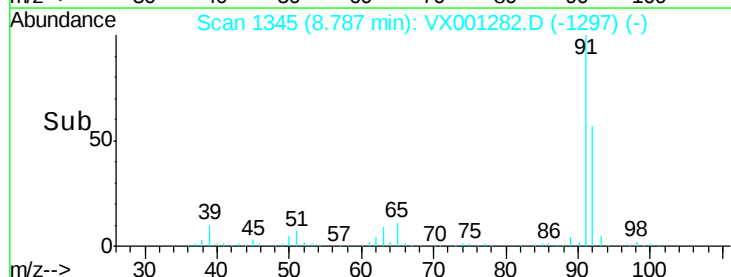
40000

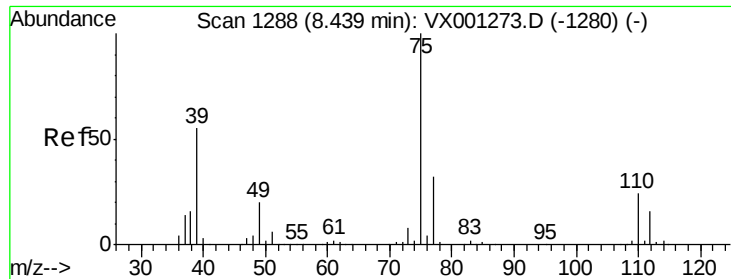
20000

0

8.70 8.80 8.90 9.00

Time-->





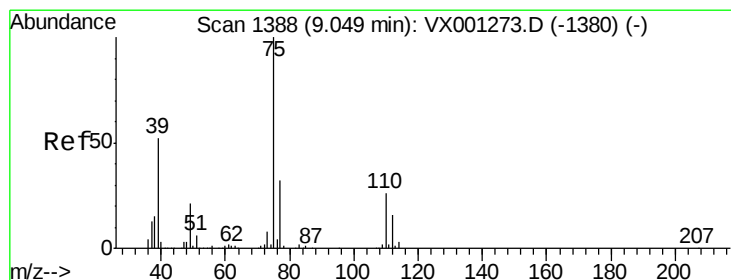
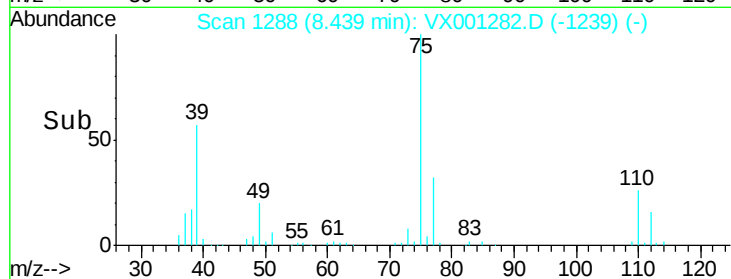
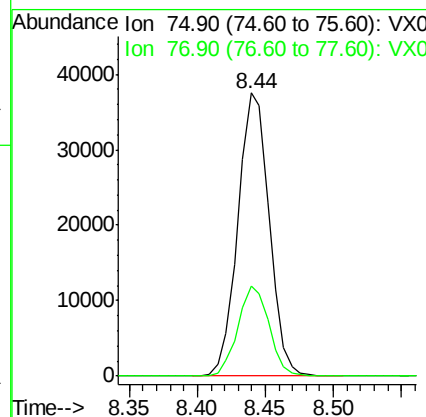
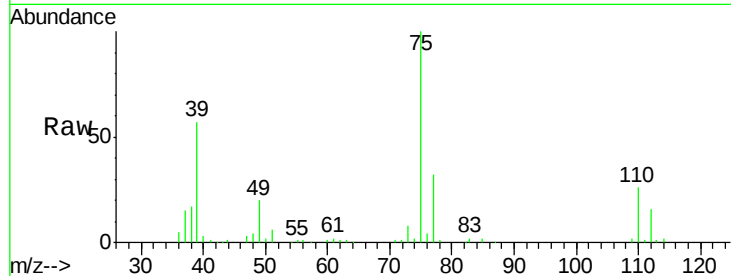
#53
t-1,3-Dichloropropene
Concen: 19.27 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX001282.D
Acq: 01 May 2018 16:51

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD01

Tot Ion: 75 Resp: 60245
Ion Ratio Lower Upper
75 100
77 31.9 25.6 38.4

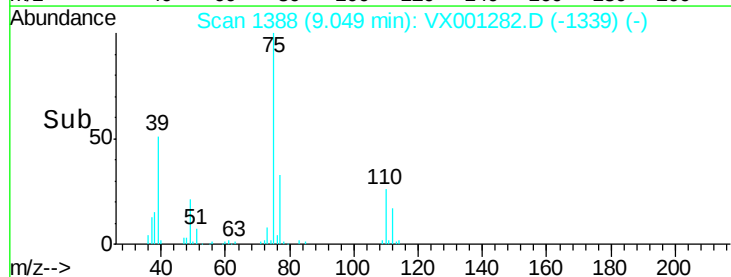
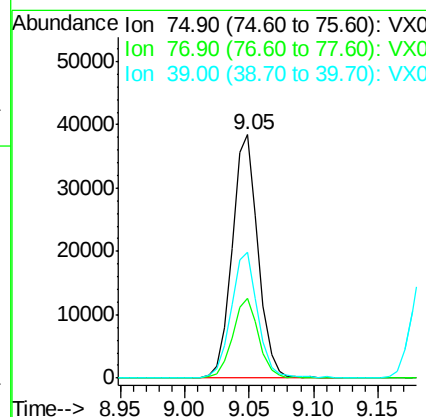
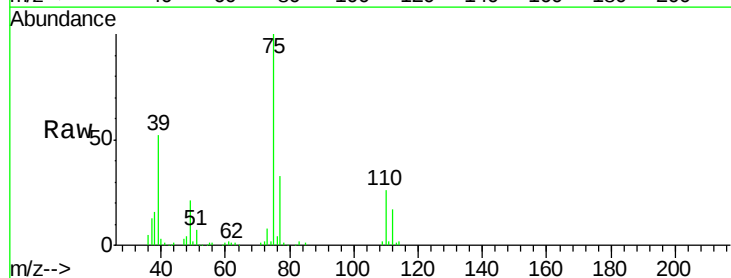
Manual Integrations
APPROVED

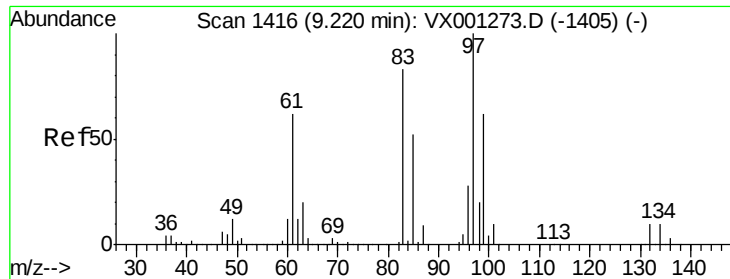
MMDadoda
5/2/2018 4:20:55 PM



#54
cis-1,3-Dichloropropene
Concen: 18.78 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX001282.D
Acq: 01 May 2018 16:51

Tgt Ion: 75 Resp: 54016
Ion Ratio Lower Upper
75 100
77 32.8 25.5 38.3
39 51.5 41.9 62.9





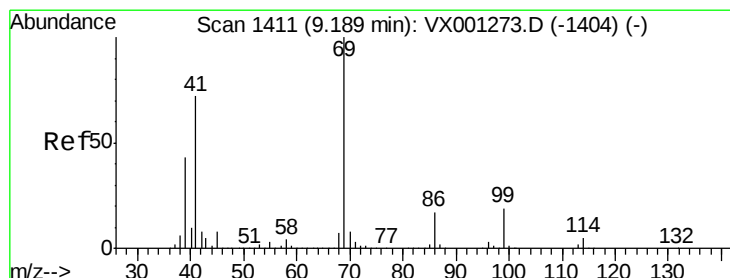
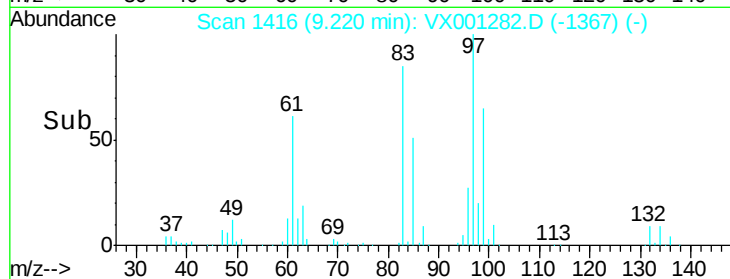
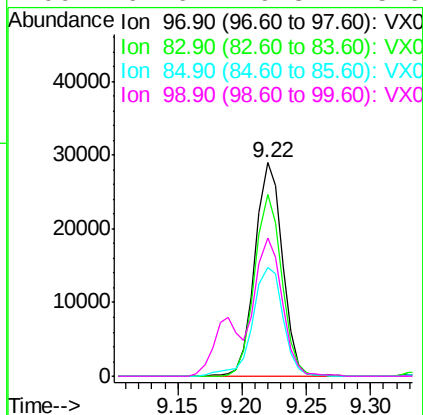
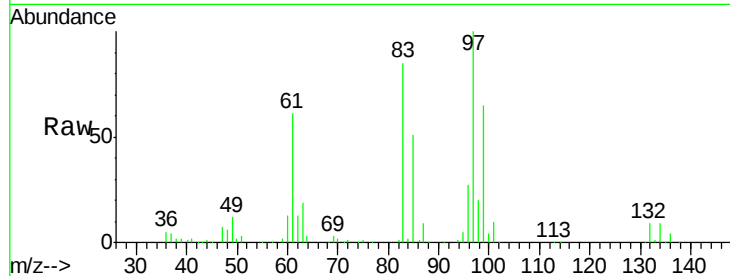
#55
 1,1,2-Trichloroethane
 Concen: 19.82 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001282.D
 Acq: 01 May 2018 16:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBSD01

Tot Ion:	97	Resp:	42743
Ion	Ratio	Lower	Upper
97	100		
83	85.4	66.4	99.6
85	50.8	41.6	62.4
99	64.6	49.3	73.9

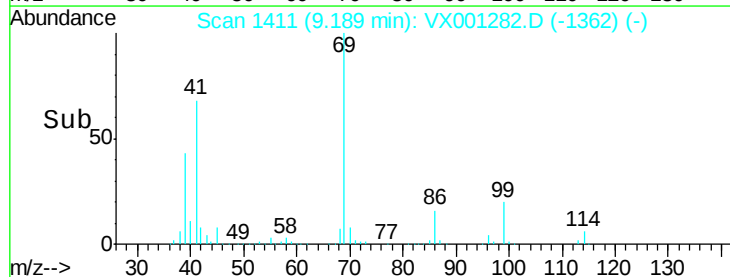
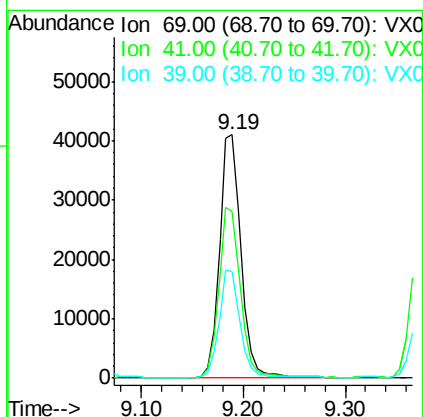
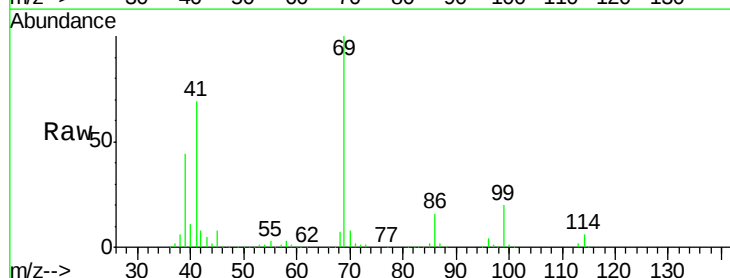
Manual Integrations
 APPROVED

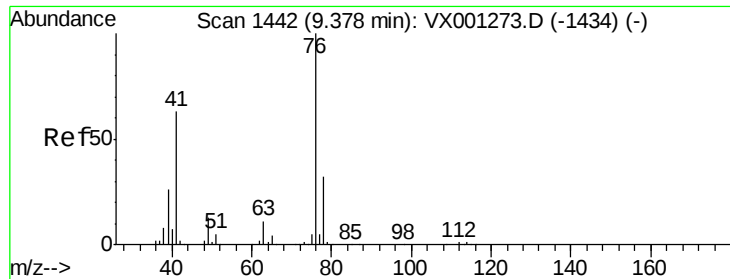
MMDadoda
 5/2/2018 4:20:55 PM



#56
 Ethyl methacrylate
 Concen: 20.31 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001282.D
 Acq: 01 May 2018 16:51

Tgt Ion:	69	Resp:	60680
Ion	Ratio	Lower	Upper
69	100		
41	69.9	57.2	85.8
39	42.7	34.3	51.5





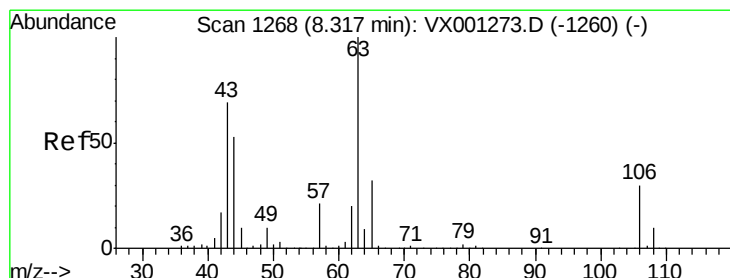
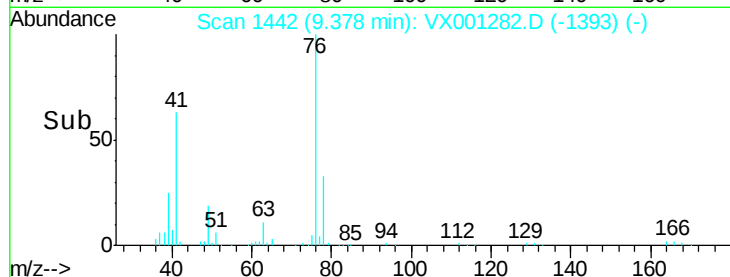
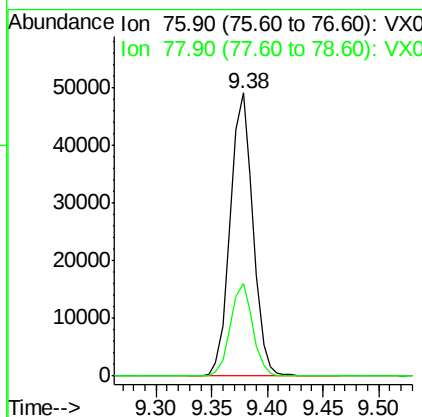
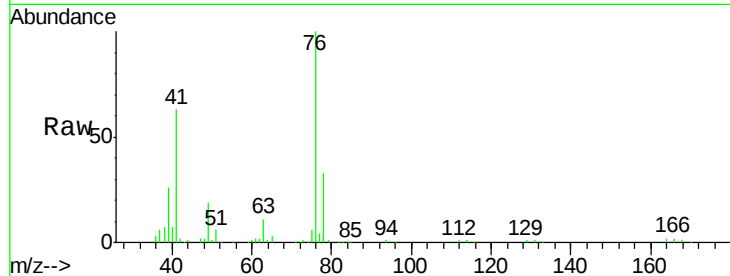
#57
 1,3-Dichloropropane
 Concen: 20.02 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001282.D
 Acq: 01 May 2018 16:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBSD01

Tot Ion: 76 Resp: 69427
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.6 38.4

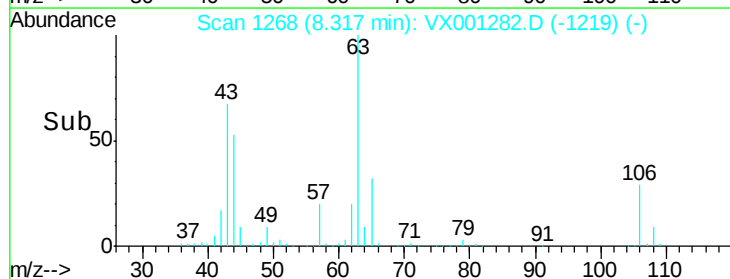
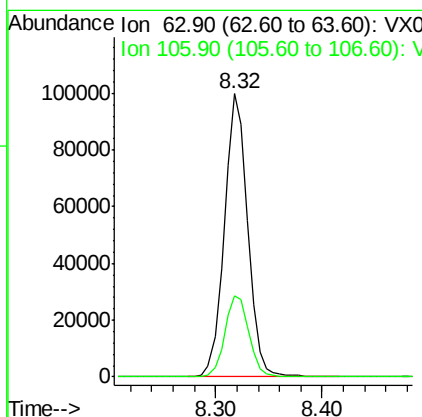
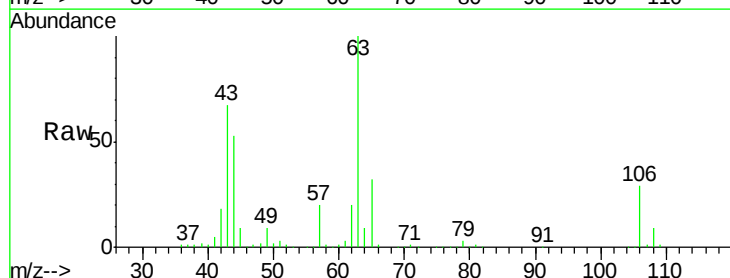
Manual Integrations
 APPROVED

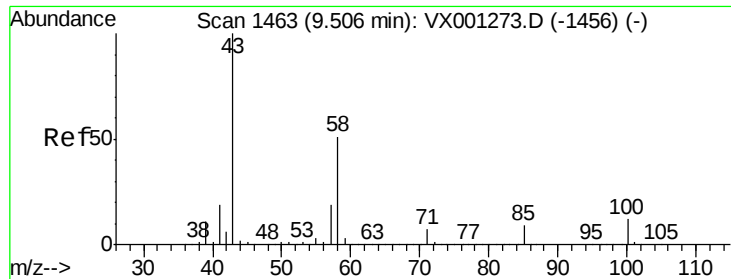
MMDadoda
 5/2/2018 4:20:55 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.16 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX001282.D
 Acq: 01 May 2018 16:51

Tgt Ion: 63 Resp: 153031
 Ion Ratio Lower Upper
 63 100
 106 29.7 23.8 35.6





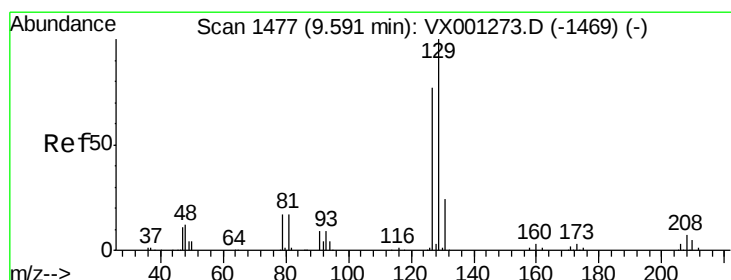
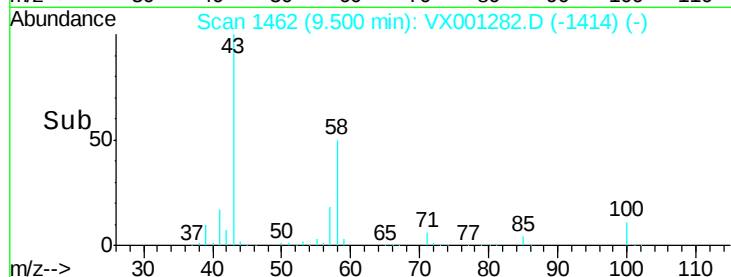
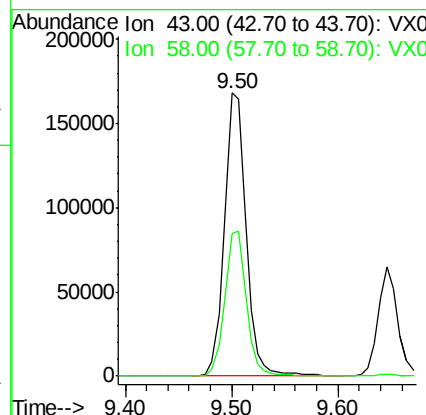
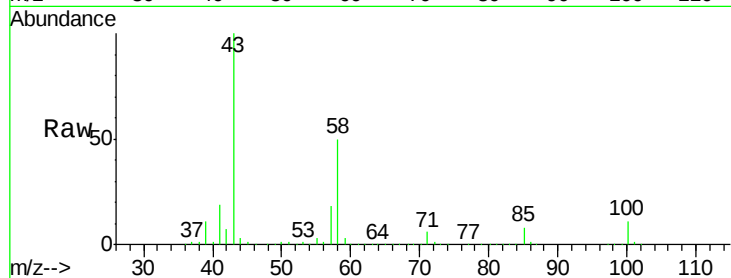
#59
2-Hexanone
Concen: 102.47 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001282.D
Acq: 01 May 2018 16:51

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD01

Tot Ion: 43 Resp: 239619
Ion Ratio Lower Upper
43 100
58 51.3 25.7 77.0

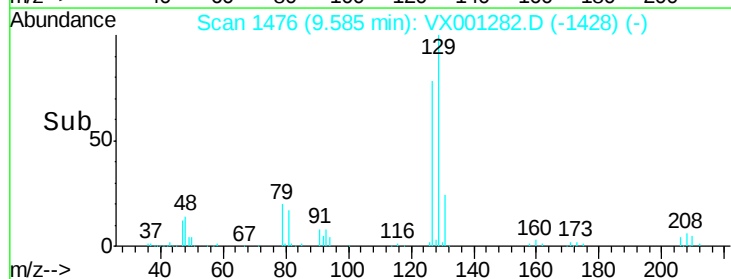
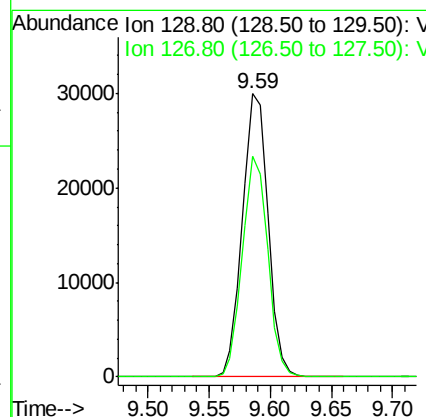
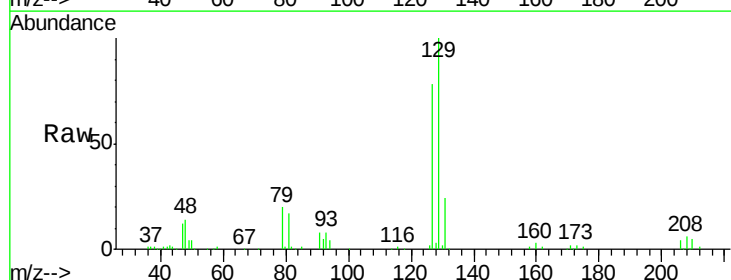
Manual Integrations
APPROVED

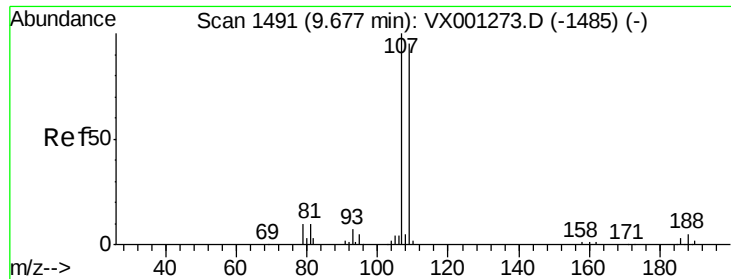
MMDadoda
5/2/2018 4:20:55 PM



#60
Dibromochloromethane
Concen: 19.42 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001282.D
Acq: 01 May 2018 16:51

Tgt Ion: 129 Resp: 43688
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.3





#61

1,2-Dibromoethane

Concen: 20.06 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBSD01

Tot Ion:107 Resp: 45850

Ion Ratio Lower Upper

107 100

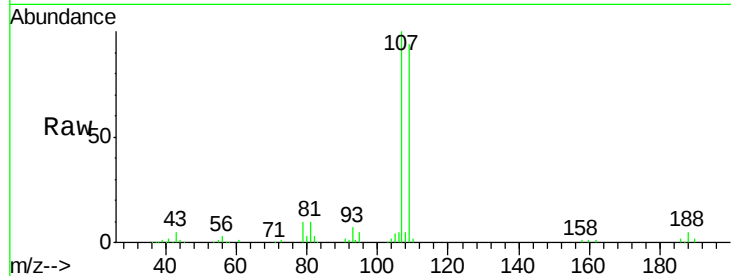
109 92.3 75.4 113.2

Manual Integrations

APPROVED

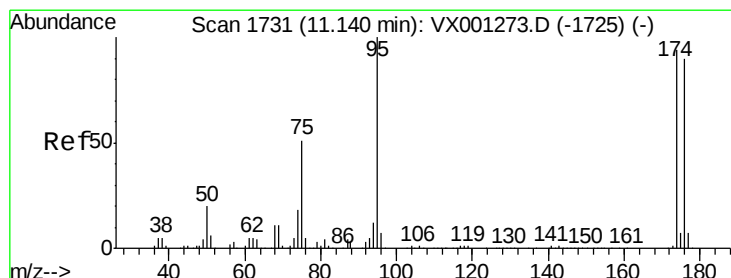
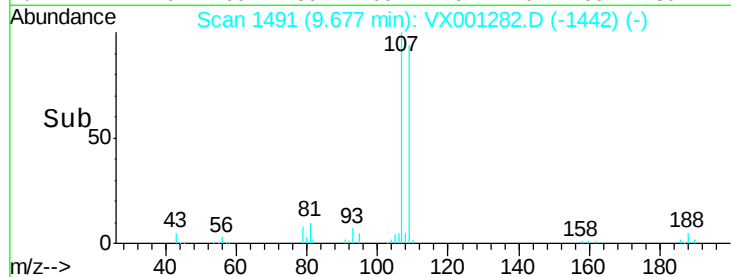
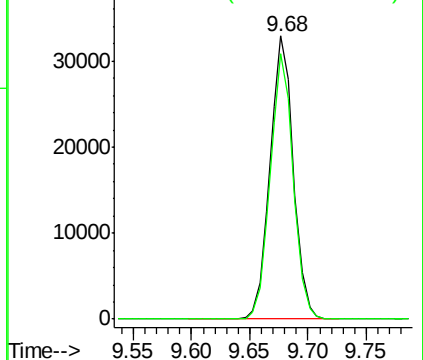
MMDadoda

5/2/2018 4:20:55 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.63 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

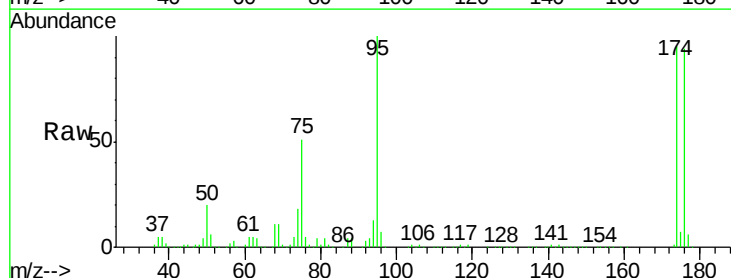
Tgt Ion: 95 Resp: 147243

Ion Ratio Lower Upper

95 100

174 103.1 0.0 201.8

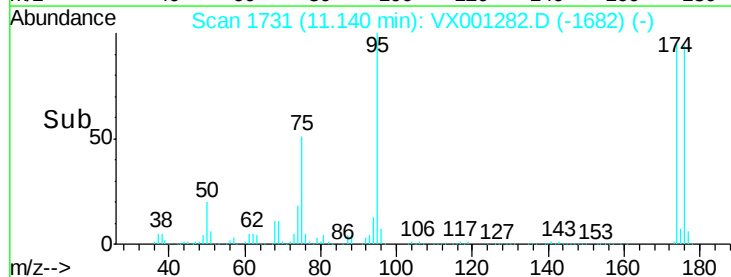
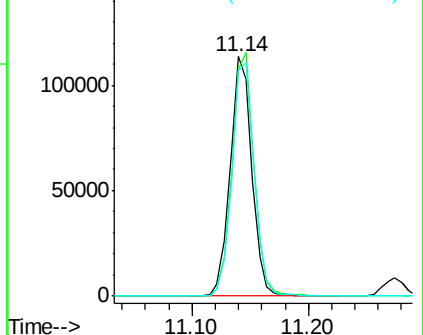
176 99.7 0.0 197.2

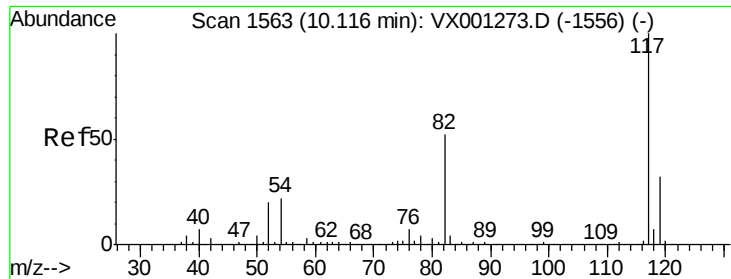


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





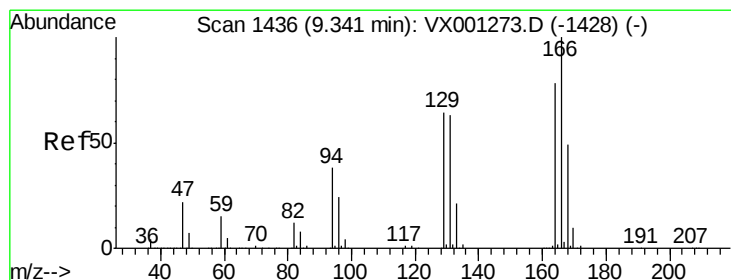
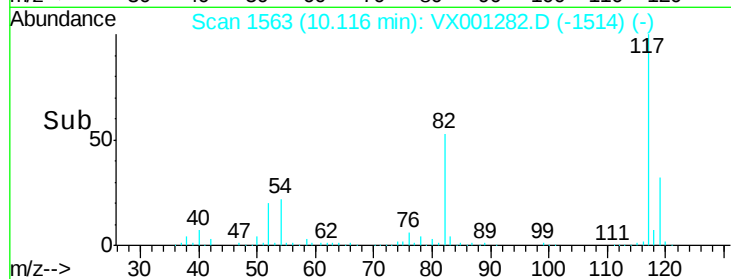
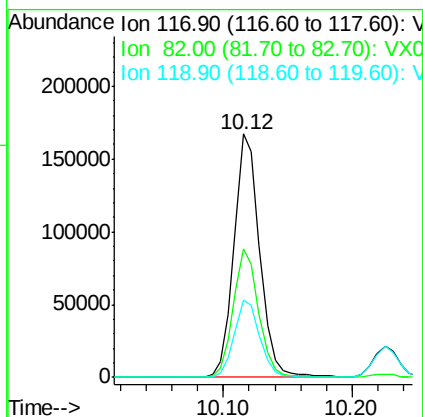
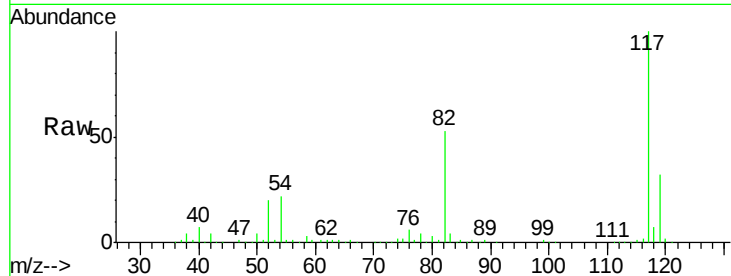
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001282.D
Acq: 01 May 2018 16:51

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	41.4	62.0
119	31.6	25.5	38.3

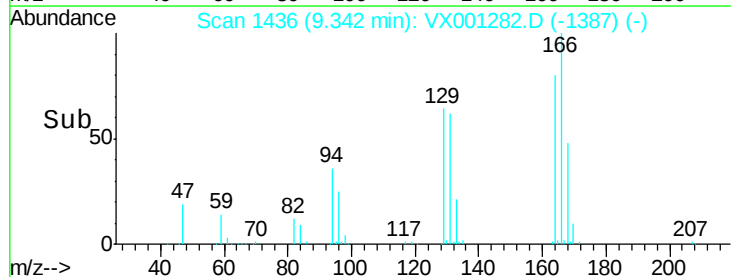
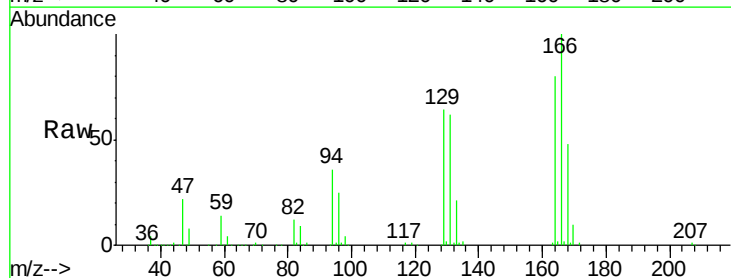
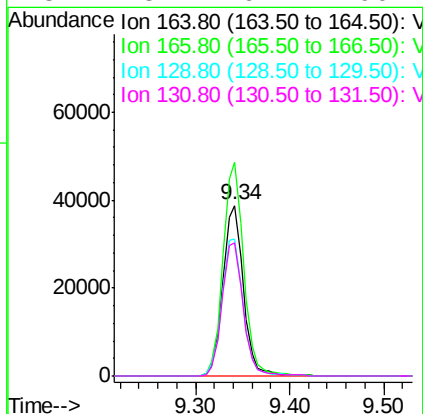
Manual Integrations
APPROVED

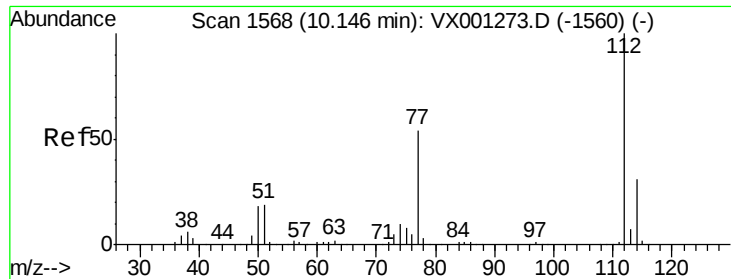
MMDadoda
5/2/2018 4:20:55 PM



#64
Tetrachloroethene
Concen: 21.27 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001282.D
Acq: 01 May 2018 16:51

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.4	102.3	153.5
129	80.3	65.1	97.7
131	78.1	64.2	96.4





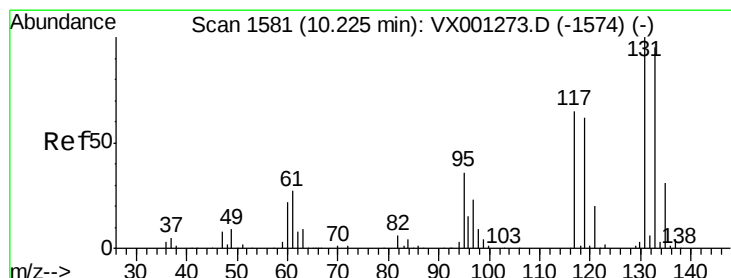
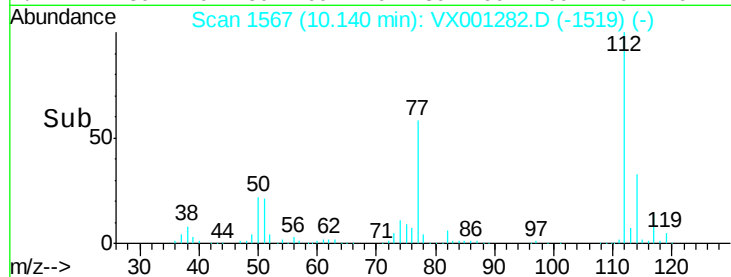
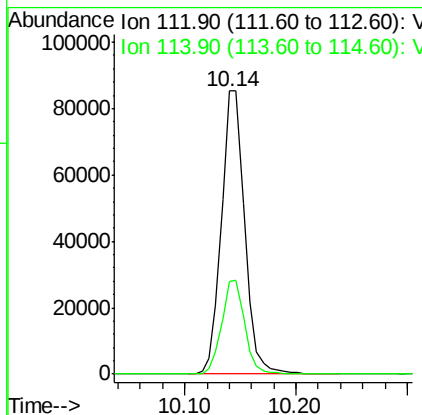
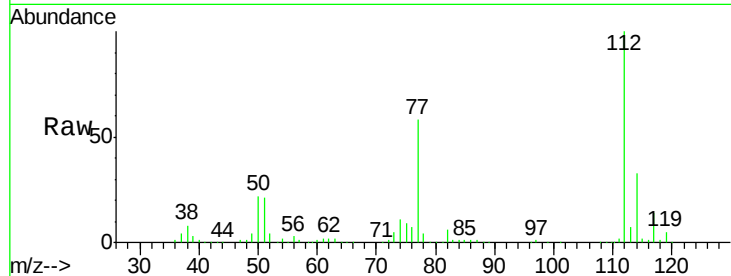
#65
Chlorobenzene
Concen: 19.51 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX001282.D
Acq: 01 May 2018 16:51

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD01

Tot Ion:112 Resp: 123838
Ion Ratio Lower Upper
112 100
114 32.6 24.8 37.2

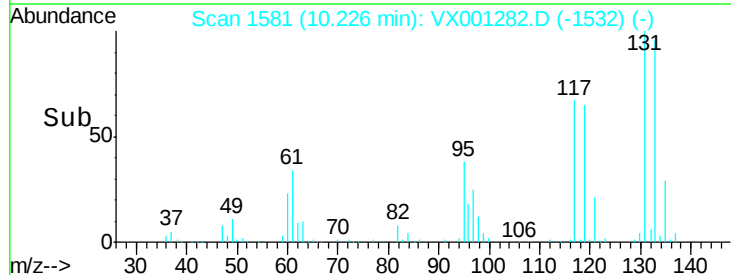
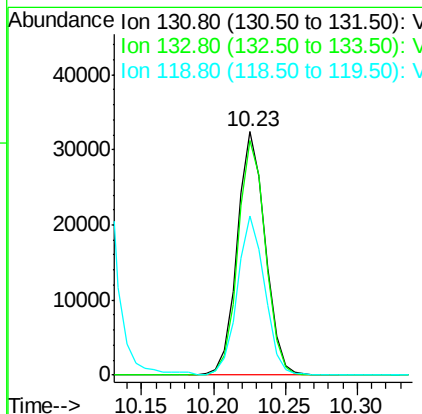
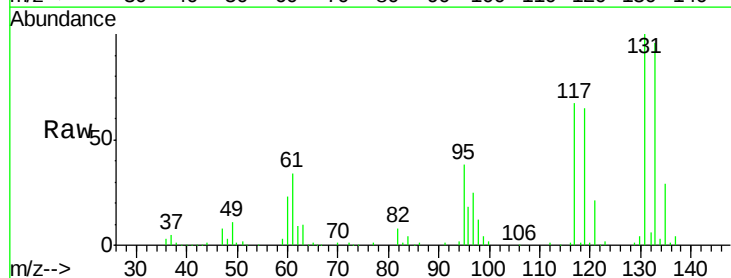
Manual Integrations
APPROVED

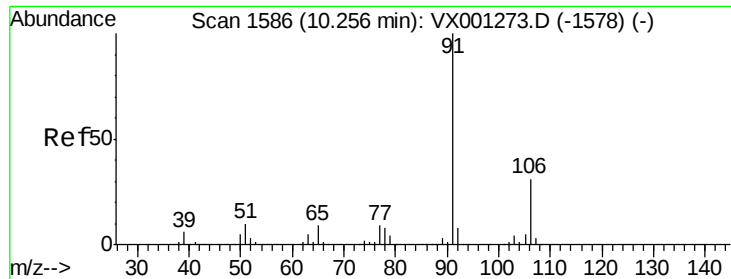
MMDadoda
5/2/2018 4:20:55 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.89 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001282.D
Acq: 01 May 2018 16:51

Tgt Ion:131 Resp: 43838
Ion Ratio Lower Upper
131 100
133 94.5 48.3 144.9
119 64.2 31.2 93.6





#67

Ethyl Benzene

Concen: 19.49 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Instrument :

MSVOA_X

ClientSampled :

VX0501WBSD01

Tot Ion: 91 Resp: 203834

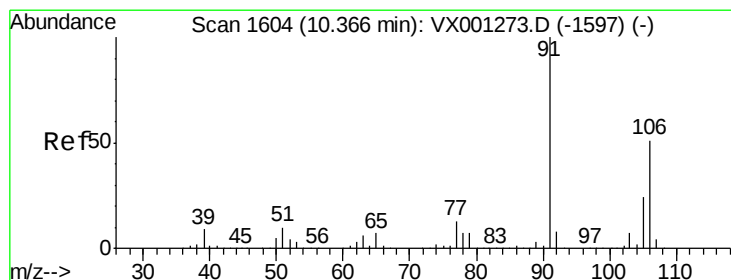
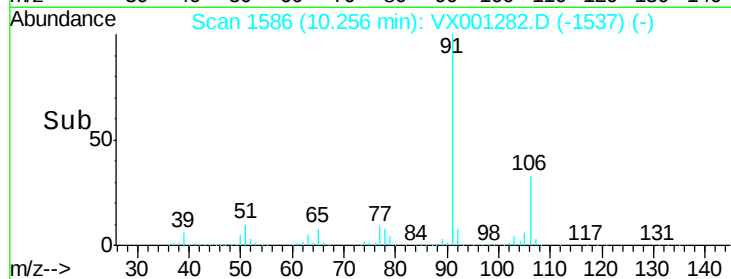
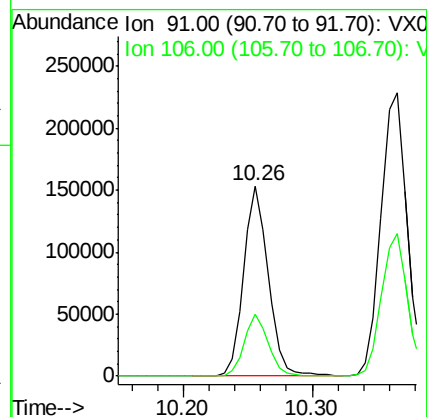
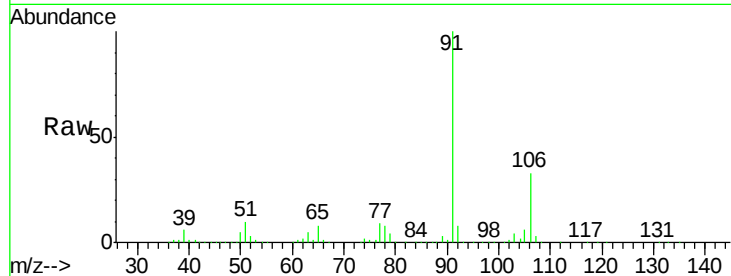
Ion Ratio Lower Upper

91 100

106 32.6 24.9 37.3

Manual Integrations
APPROVED

MMDadoda
5/2/2018 4:20:55 PM



#68

m/p-Xylenes

Concen: 39.09 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001282.D

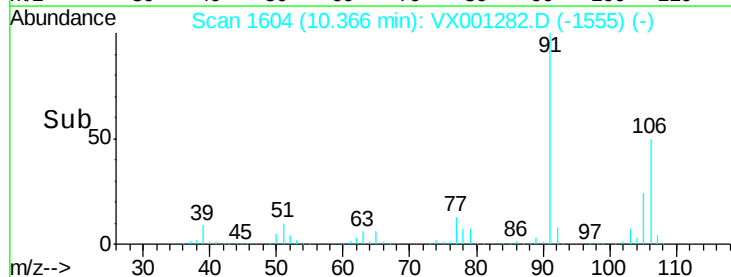
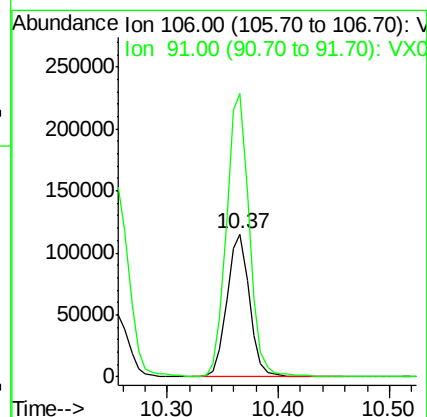
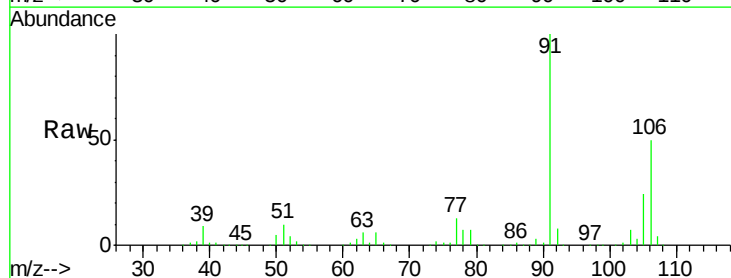
Acq: 01 May 2018 16:51

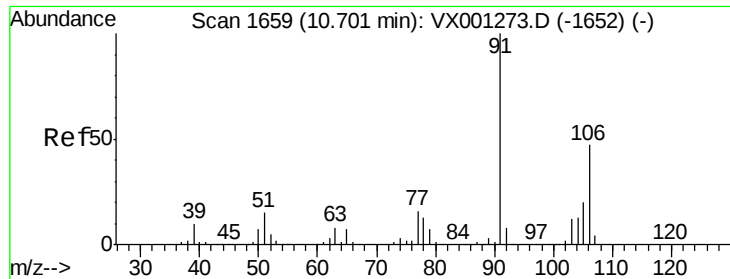
Tgt Ion: 106 Resp: 160916

Ion Ratio Lower Upper

106 100

91 201.9 159.4 239.2





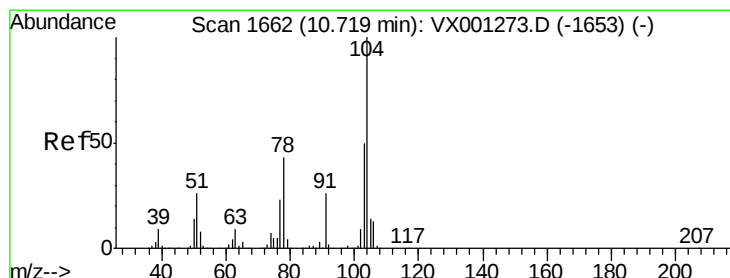
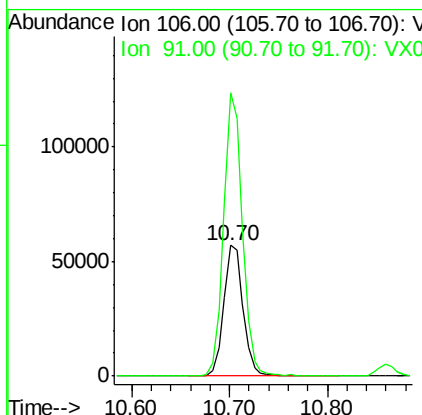
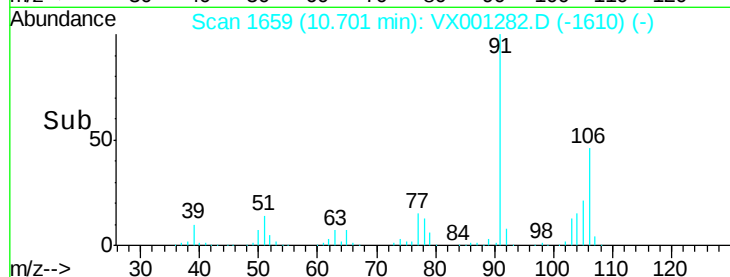
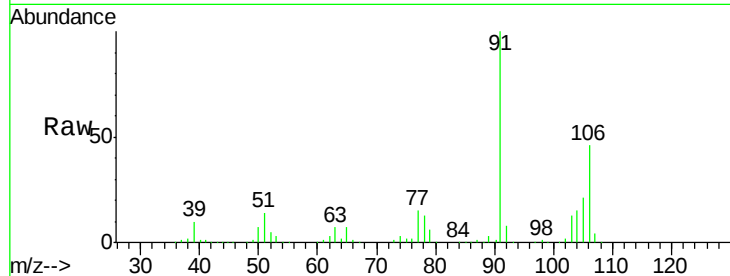
#69
o-Xylene
Concen: 19.58 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX001282.D
Acq: 01 May 2018 16:51

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD01

Tot Ion:106 Resp: 78179
Ion Ratio Lower Upper
106 100
91 211.5 106.3 319.0

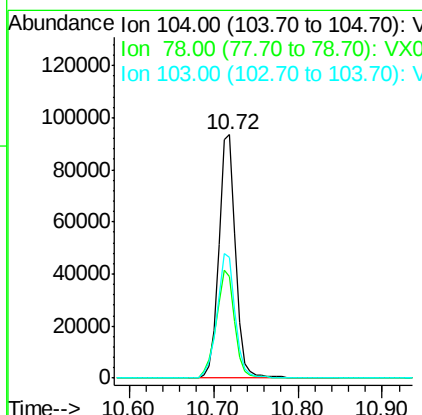
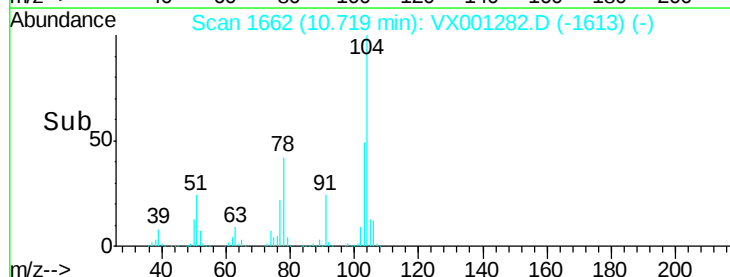
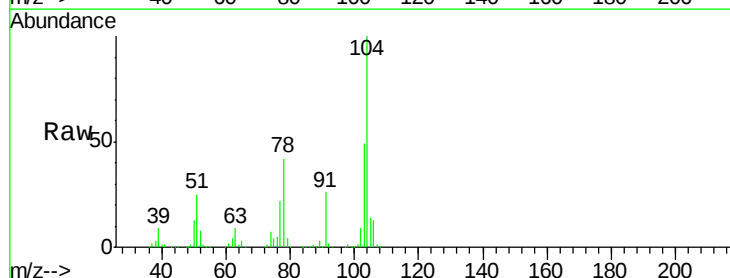
Manual Integrations
APPROVED

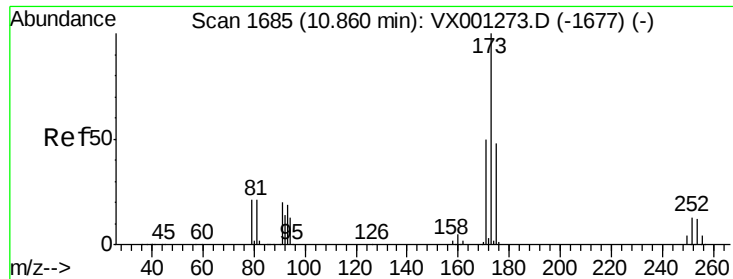
MMDadoda
5/2/2018 4:20:55 PM



#70
Styrene
Concen: 19.71 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001282.D
Acq: 01 May 2018 16:51

Tgt Ion:104 Resp: 128711
Ion Ratio Lower Upper
104 100
78 49.0 40.1 60.1
103 55.5 44.5 66.7





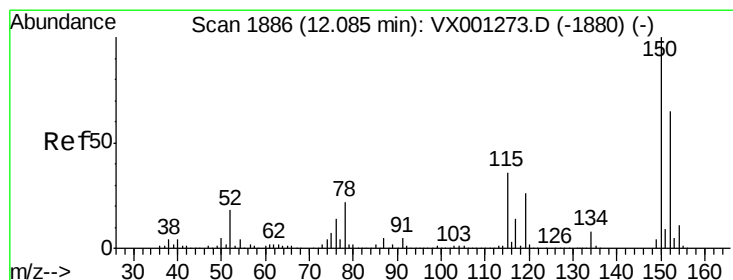
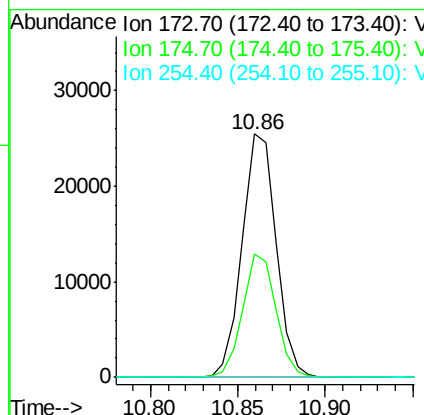
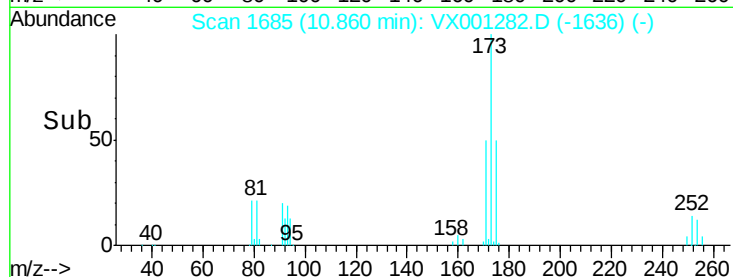
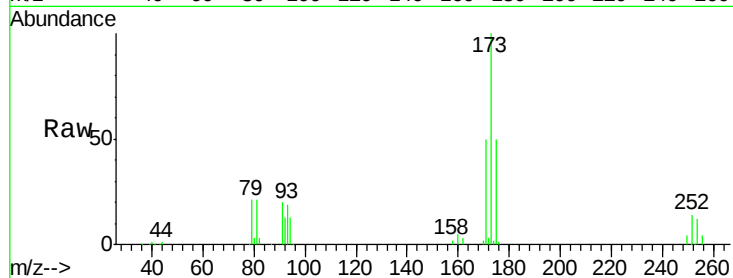
#71
Bromoform
Concen: 18.86 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX001282.D
Acq: 01 May 2018 16:51

Instrument :
MSVOA_X
ClientSampled :
VX0501WBSD01

Tot Ion:173 Resp: 34507
Ion Ratio Lower Upper
173 100
175 49.4 24.6 74.0
254 0.0 0.2 0.2#

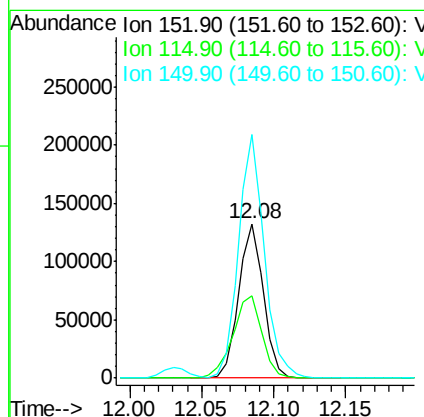
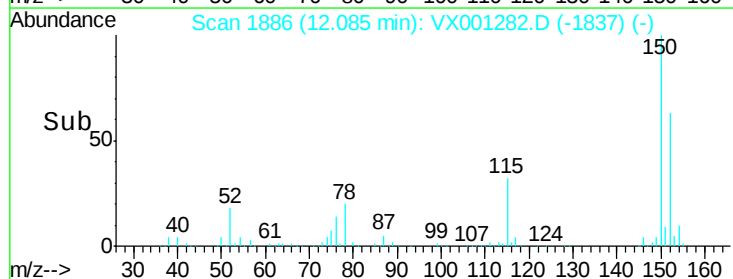
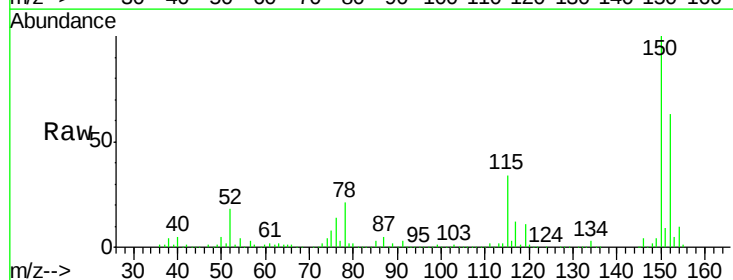
Manual Integrations
APPROVED

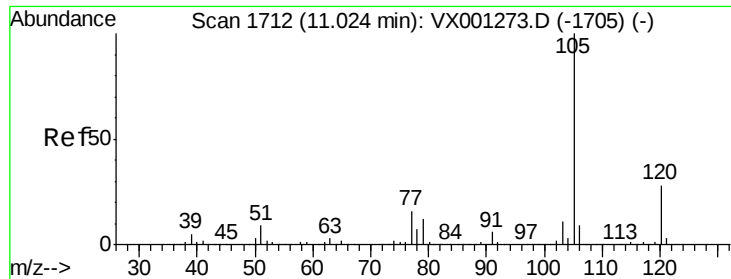
MMDadoda
5/2/2018 4:20:55 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001282.D
Acq: 01 May 2018 16:51

Tgt Ion:152 Resp: 158938
Ion Ratio Lower Upper
152 100
115 62.9 38.6 115.7
150 164.4 0.0 349.2





#73

Isopropylbenzene

Concen: 20.17 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBSD01

Tot Ion: 105 Resp: 214467

Ion Ratio Lower Upper

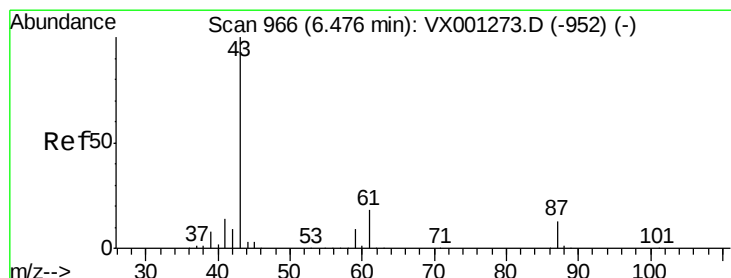
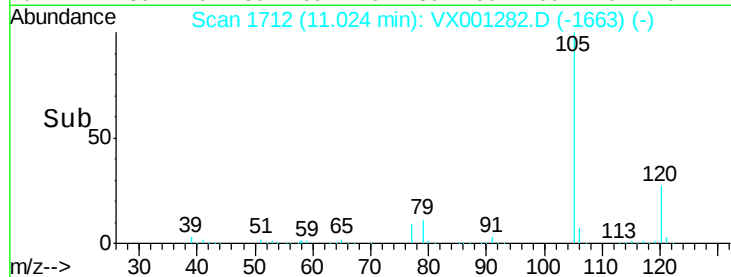
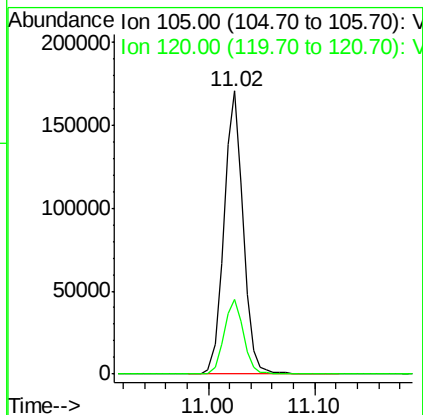
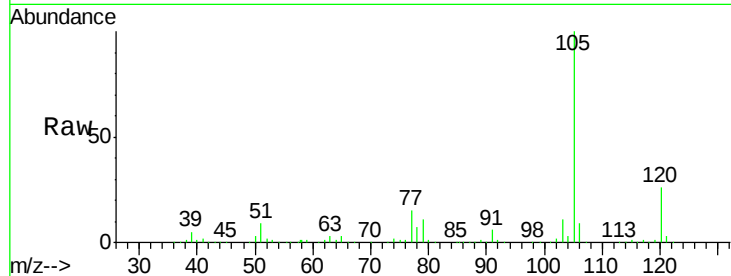
105 100

120 26.8 13.7 41.1

Manual Integrations
APPROVED

MMDadoda

5/2/2018 4:20:55 PM



#74

N-ethyl acetate

Concen: 19.99 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Tgt Ion: 43 Resp: 91170

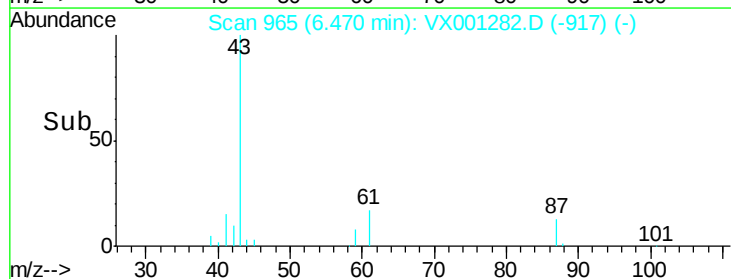
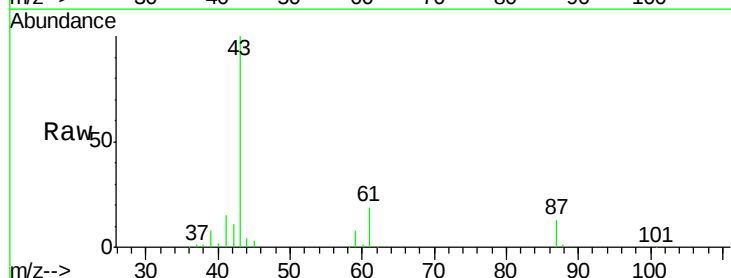
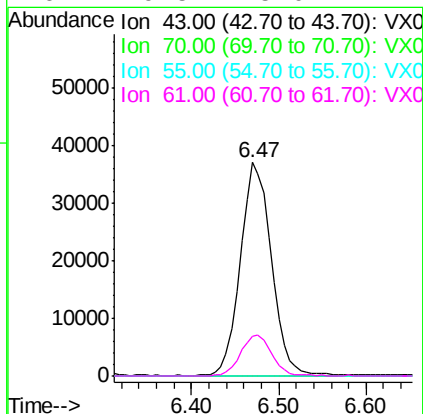
Ion Ratio Lower Upper

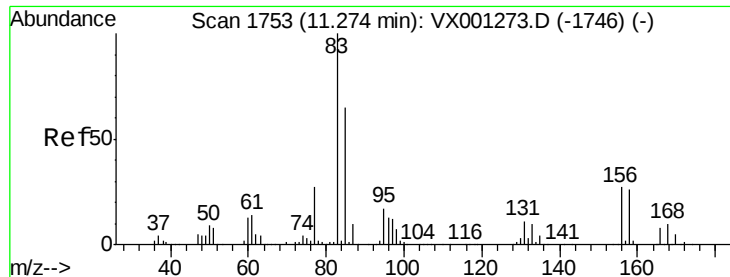
43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 19.5 15.0 22.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.79 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Instrument :

MSVOA_X

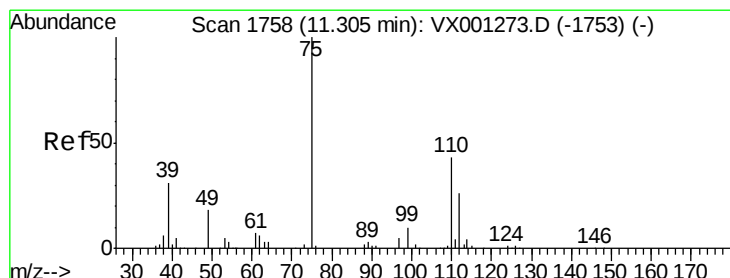
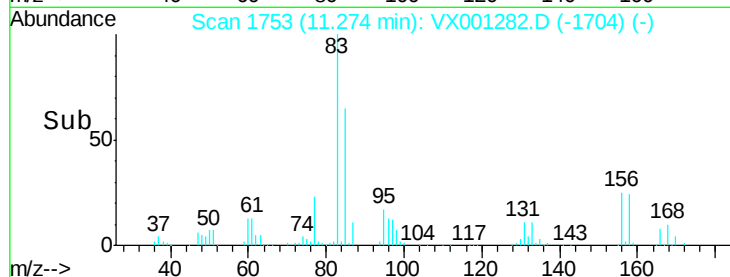
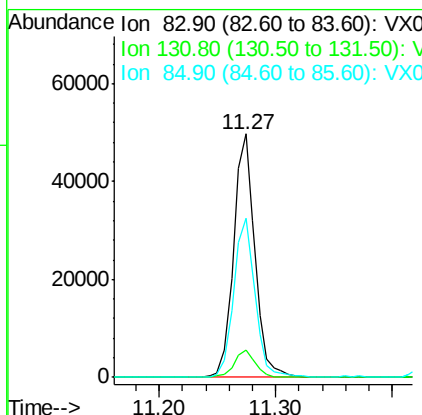
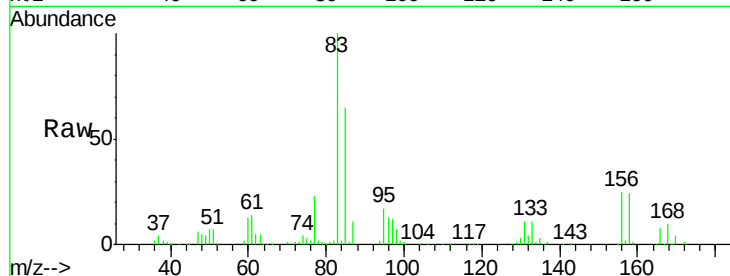
ClientSampleId :

VX0501WBSD01

Tot Ion:	83	Resp:	63053
Ion	Ratio	Lower	Upper
83	100		
131	11.1	5.8	17.3
85	65.8	32.6	97.7

Manual Integrations
APPROVED

MMDadoda
5/2/2018 4:20:55 PM



#76

1,2,3-Trichloropropane

Concen: 20.57 ug/l m

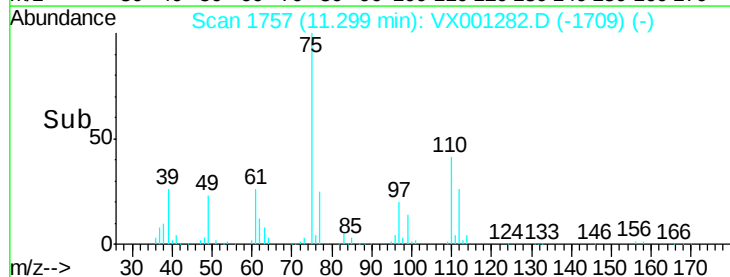
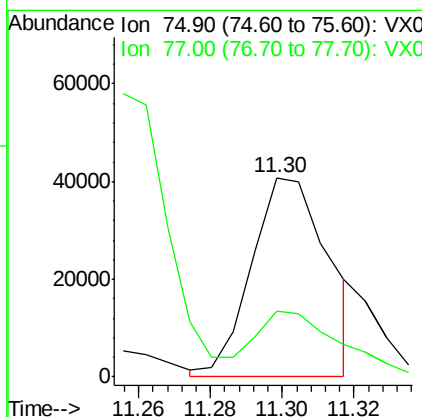
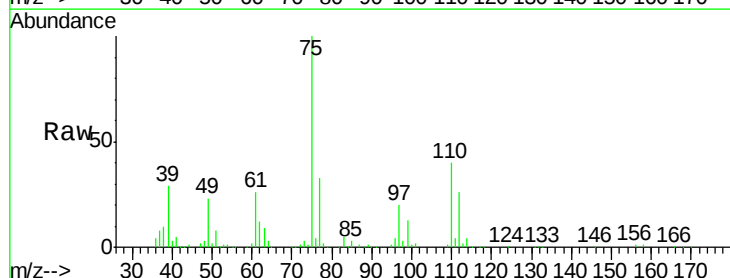
RT: 11.30 min Scan# 1757

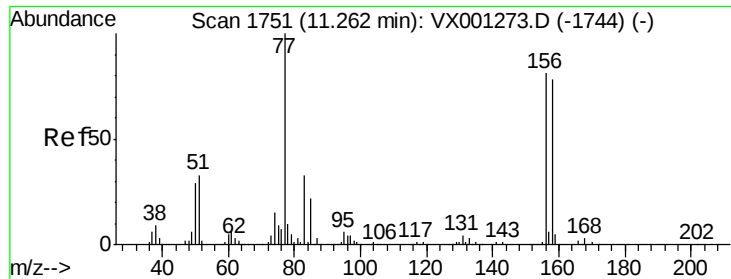
Delta R.T. -0.01 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Tgt Ion:	75	Resp:	60467
Ion	Ratio	Lower	Upper
75	100		
77	38.1	18.9	56.5





#77

Bromobenzene

Concen: 20.00 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Instrument :

MSVOA_X

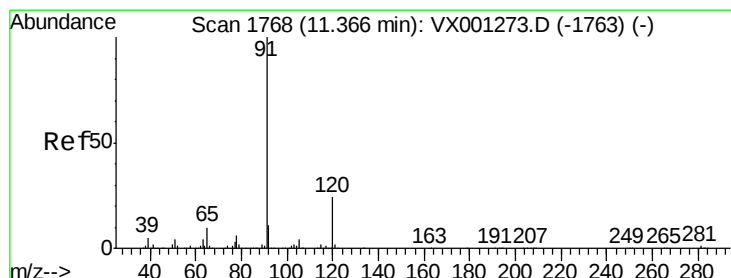
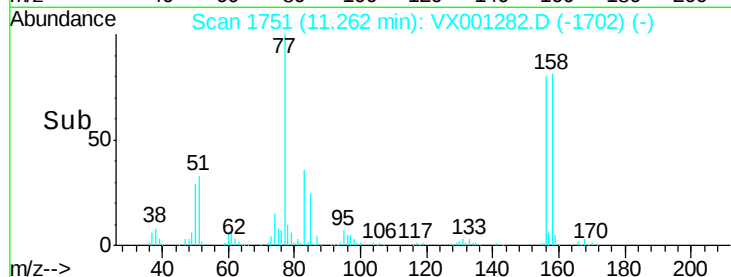
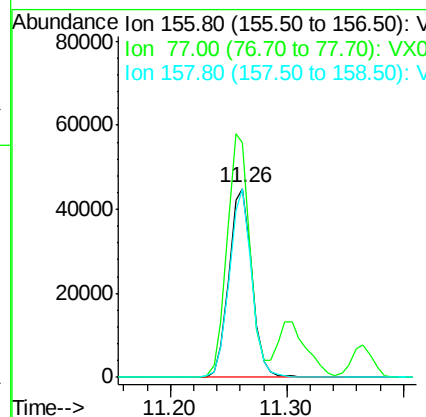
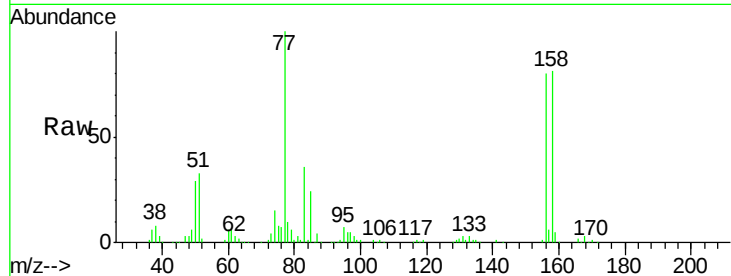
ClientSampleId :

VX0501WBSD01

Tot Ion:	156	Resp:	61335
Ion Ratio	Lower	Upper	
156	100		
77	126.7	65.3	195.8
158	97.1	48.5	145.5

Manual Integrations
APPROVED

MMDadoda
5/2/2018 4:20:55 PM



#78

n-propylbenzene

Concen: 20.40 ug/l

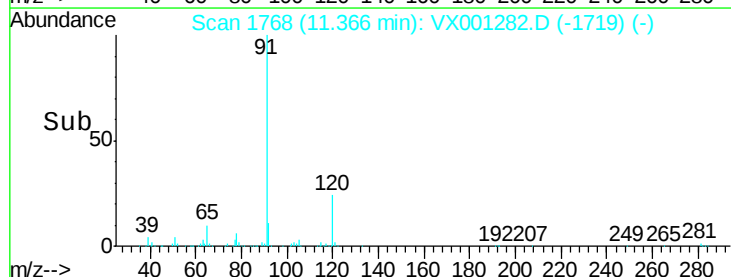
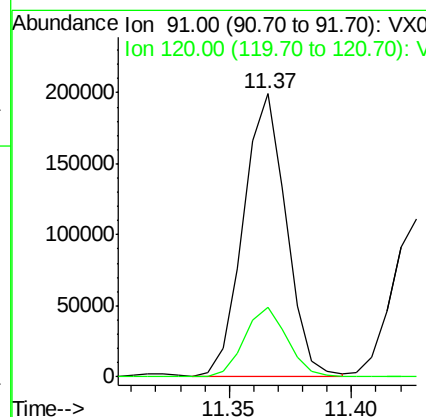
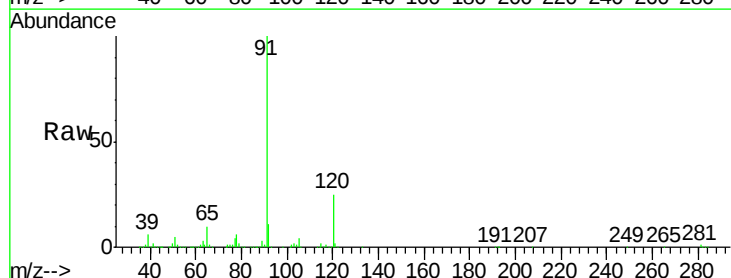
RT: 11.37 min Scan# 1768

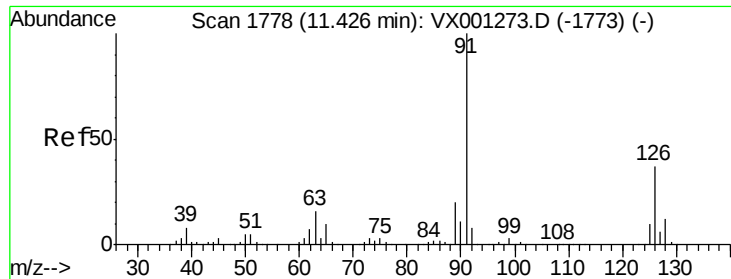
Delta R.T. 0.00 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Tgt Ion:	91	Resp:	241042
Ion Ratio	Lower	Upper	
91	100		
120	24.9	12.3	36.8





#79

2-Chlorotoluene

Concen: 19.76 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBSD01

Tot Ion: 91 Resp: 140876

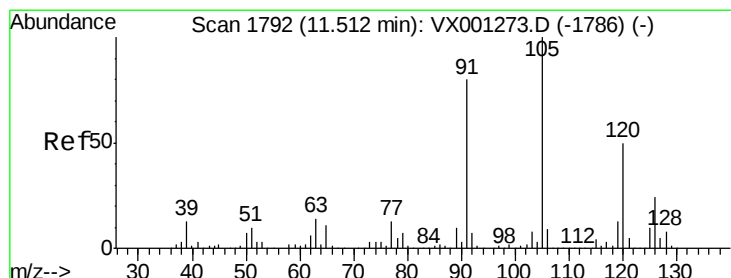
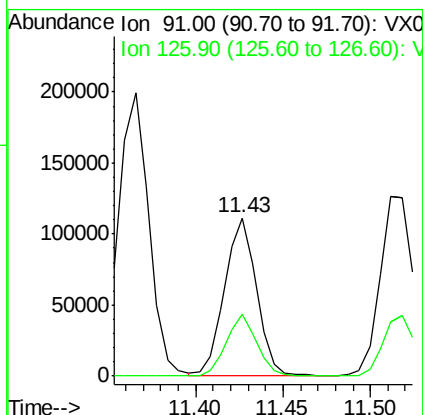
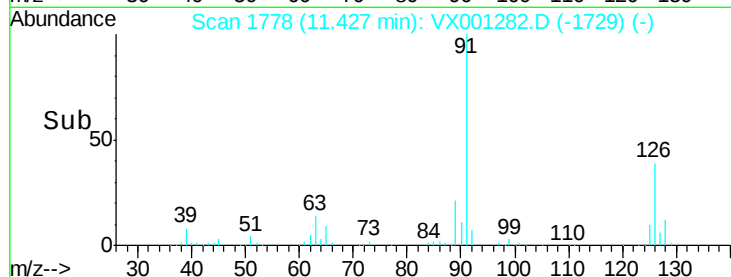
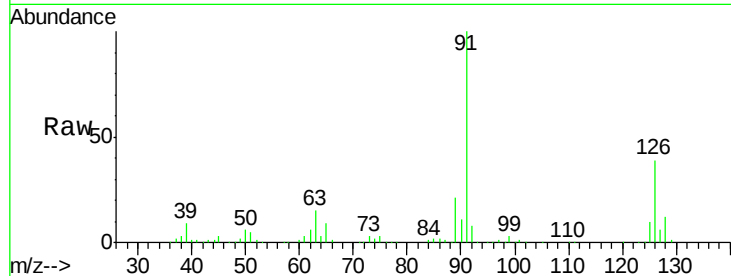
Ion Ratio Lower Upper

91 100

126 37.5 18.4 55.4

Manual Integrations
APPROVED

MMDadoda
5/2/2018 4:20:55 PM



#80

1,3,5-Trimethylbenzene

Concen: 20.38 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001282.D

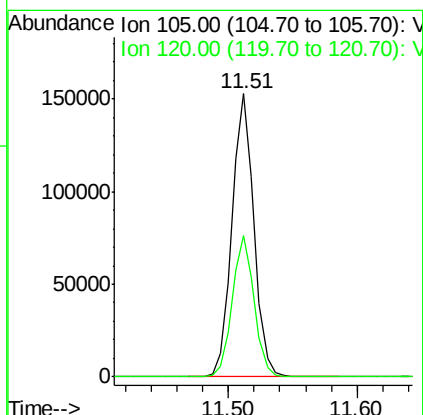
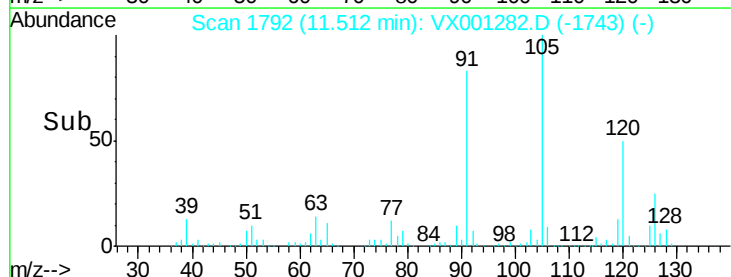
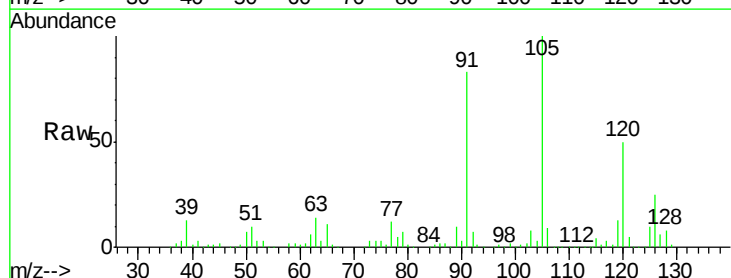
Acq: 01 May 2018 16:51

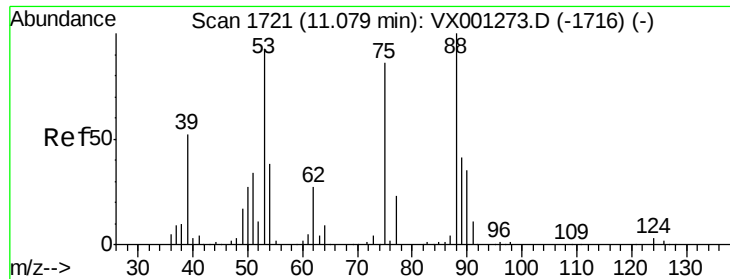
Tgt Ion:105 Resp: 182016

Ion Ratio Lower Upper

105 100

120 49.6 24.6 74.0





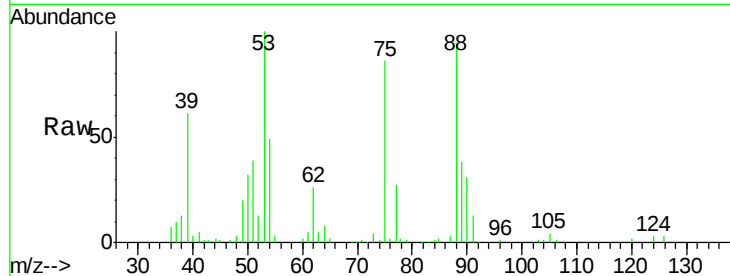
#81
trans-1,4-Dichloro-2-butene
Concen: 18.73 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX001282.D
Acq: 01 May 2018 16:51

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD01

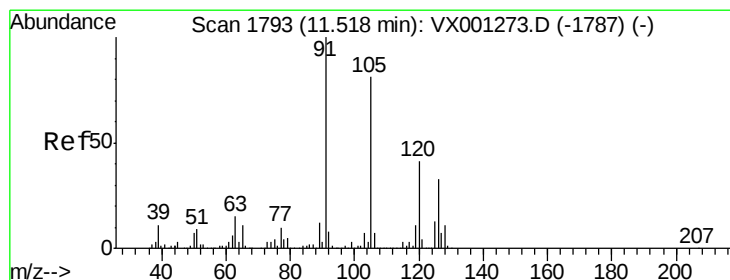
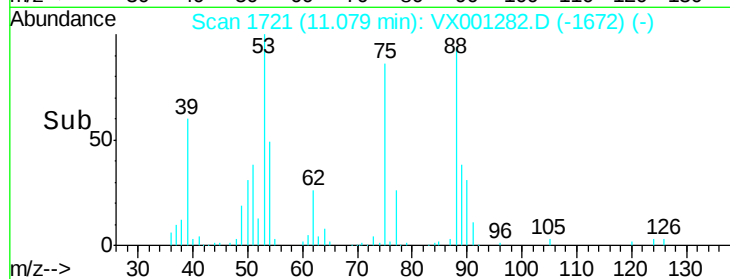
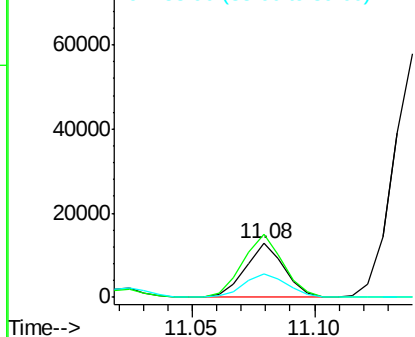
Tot Ion	Ratio	Lower	Upper
75	100		
53	122.4	87.1	130.7
89	49.0	38.9	58.3

Manual Integrations
APPROVED

MMDadoda
5/2/2018 4:20:55 PM

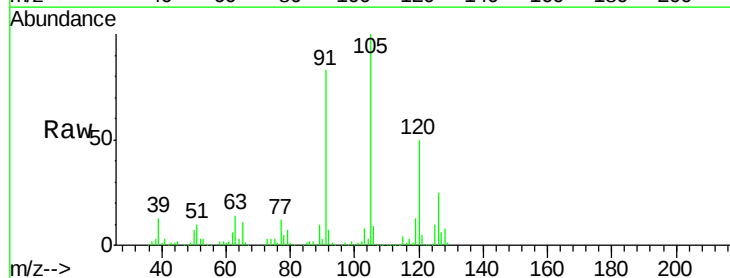


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

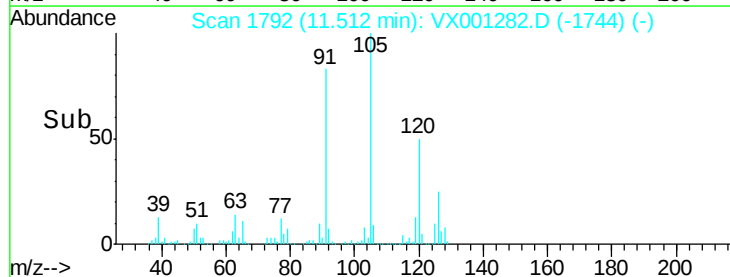
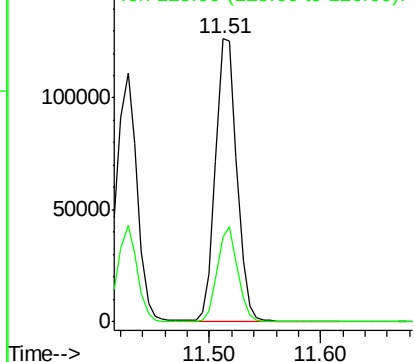


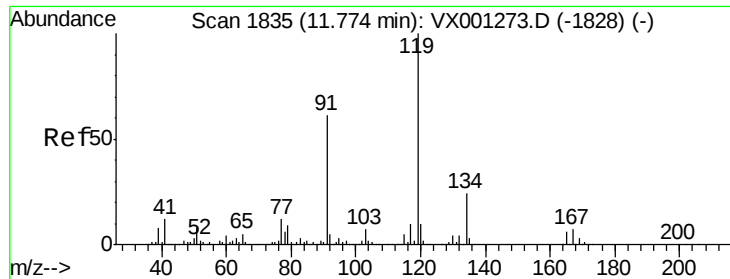
#82
4-Chlorotoluene
Concen: 19.74 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.01 min
Lab File: VX001282.D
Acq: 01 May 2018 16:51

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.9	16.1	48.2



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





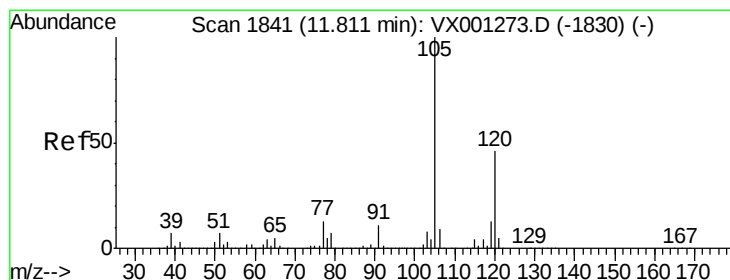
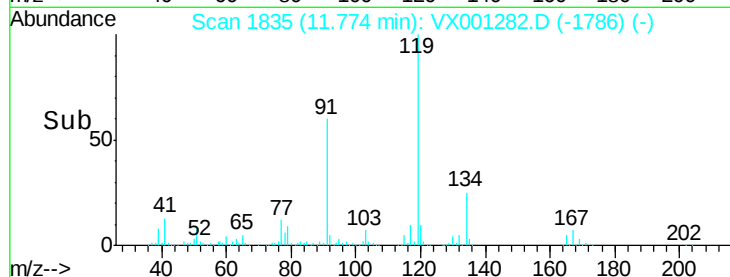
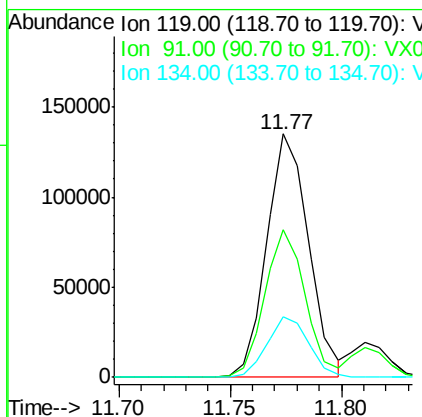
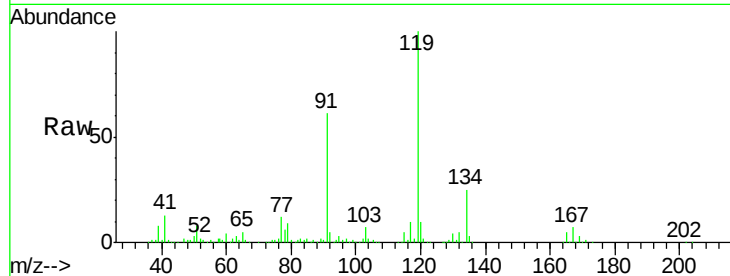
#83
 tert-Butylbenzene
 Concen: 19.80 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001282.D
 Acq: 01 May 2018 16:51

Instrument :
 MSVOA_X
 ClientSampled :
 VX0501WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	176279		
91	58.7	28.1	84.3	
134	24.7	11.8	35.3	

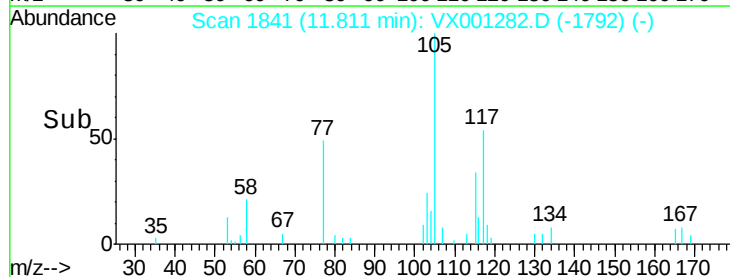
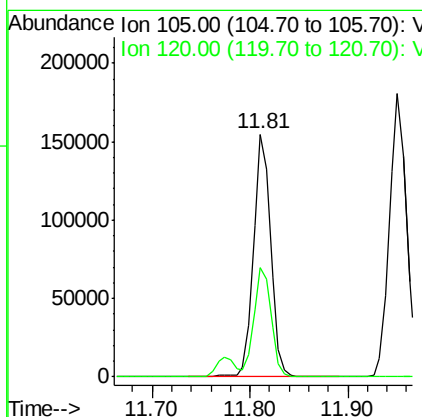
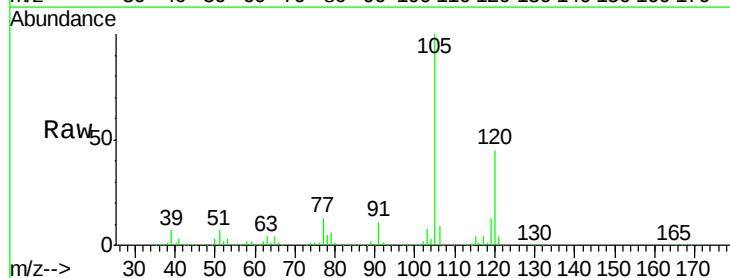
Manual Integrations
 APPROVED

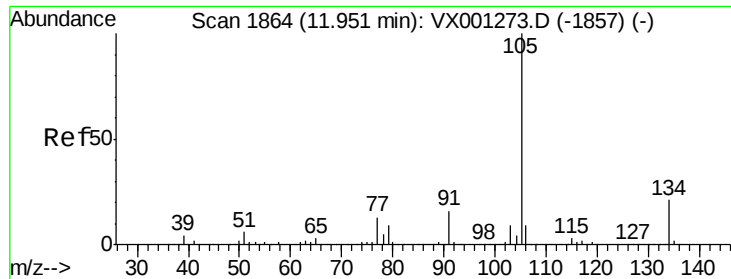
MMDadoda
 5/2/2018 4:20:55 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 20.58 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001282.D
 Acq: 01 May 2018 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	188267		
120	45.0	22.7	68.1	





#85

sec-Butylbenzene

Concen: 20.56 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBSD01

Tot Ion:105 Resp: 219080

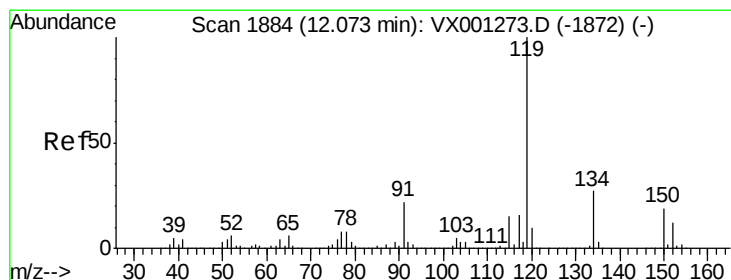
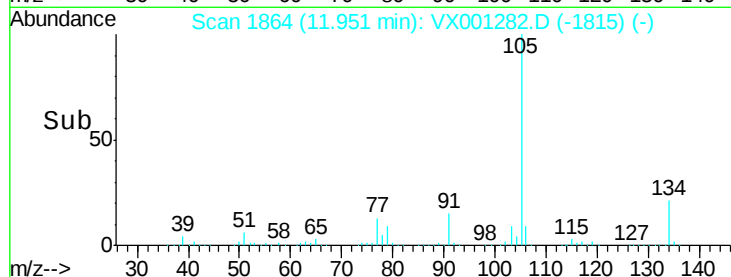
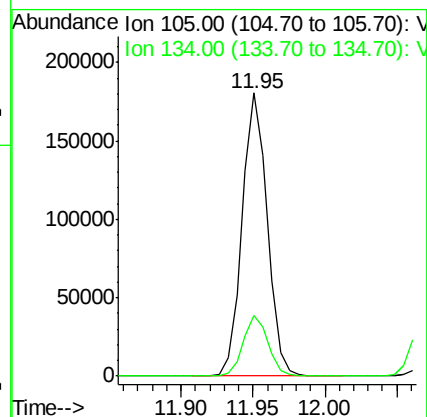
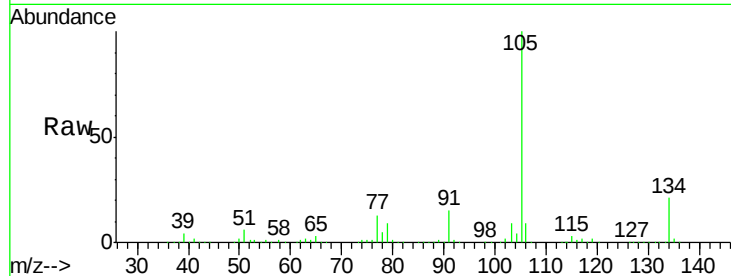
Ion Ratio Lower Upper

105 100

134 21.2 10.7 31.9

Manual Integrations
APPROVED

MMDadoda
5/2/2018 4:20:55 PM



#86

p-Isopropyltoluene

Concen: 20.81 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001282.D

Acq: 01 May 2018 16:51

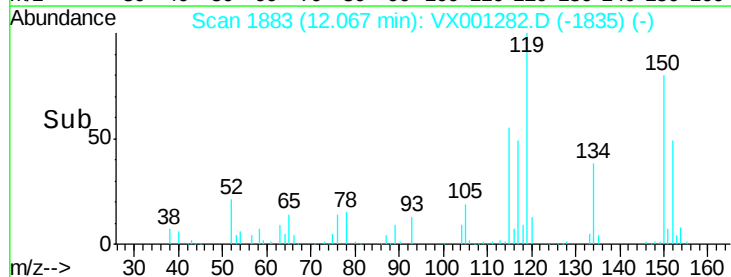
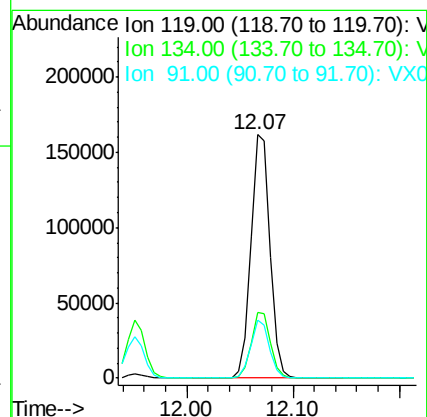
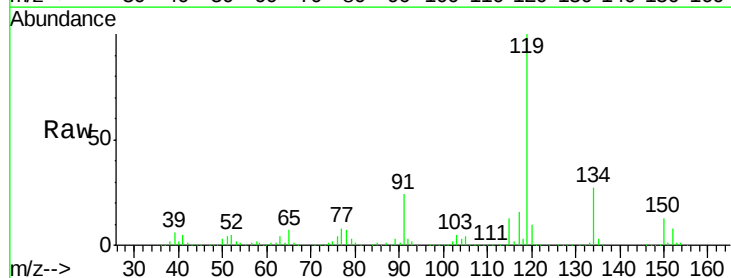
Tgt Ion:119 Resp: 203350

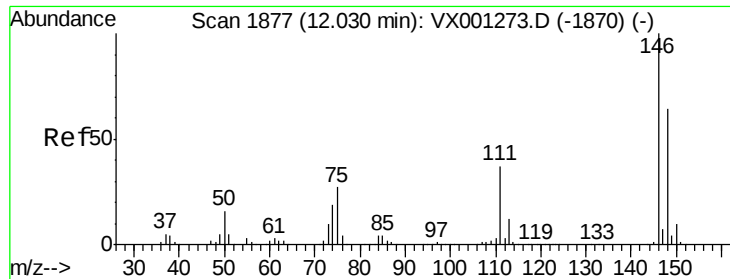
Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.7

91 23.2 11.7 35.1





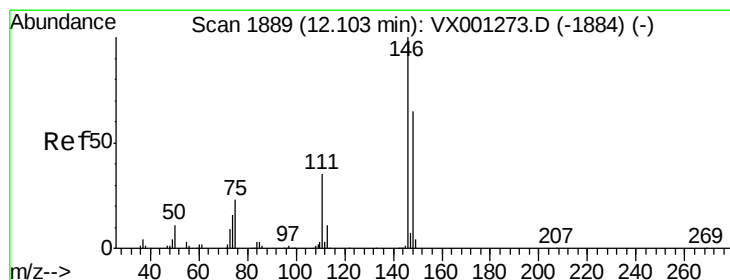
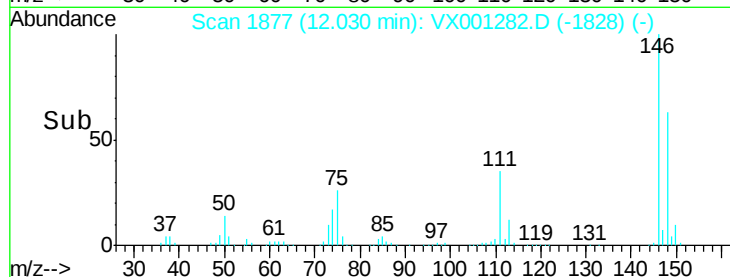
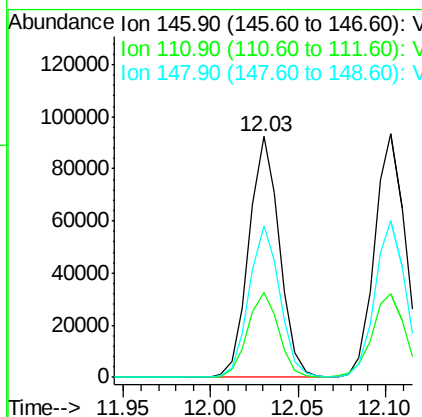
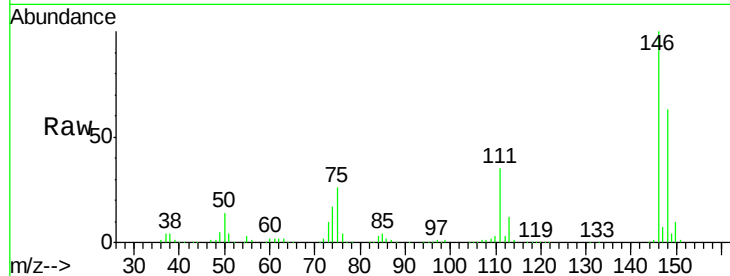
#87
 1,3-Dichlorobenzene
 Concen: 19.77 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001282.D
 Acq: 01 May 2018 16:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.6	18.4	55.2
148	63.2	32.2	96.6

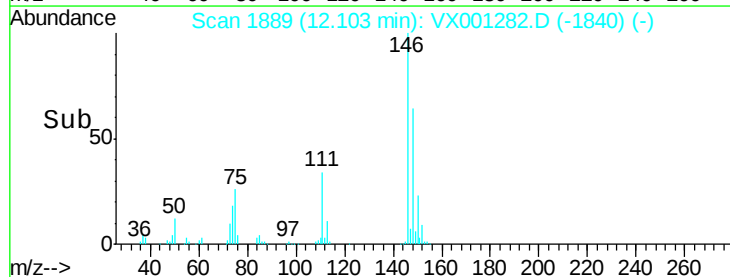
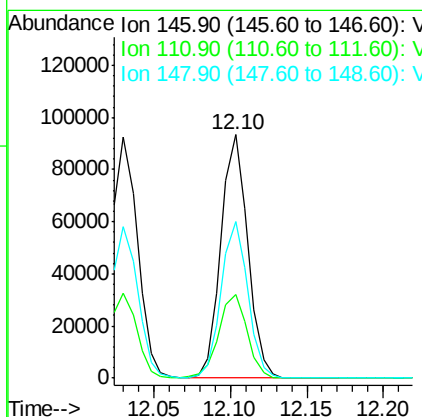
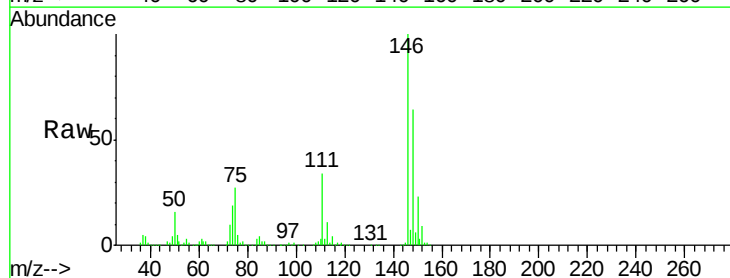
Manual Integrations
 APPROVED

MMDadoda
 5/2/2018 4:20:55 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.24 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001282.D
 Acq: 01 May 2018 16:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	17.9	53.7
148	64.5	32.3	96.8





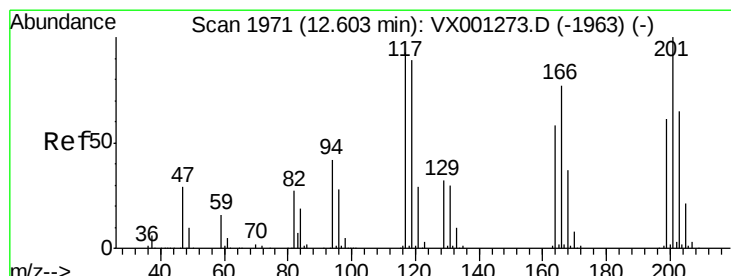
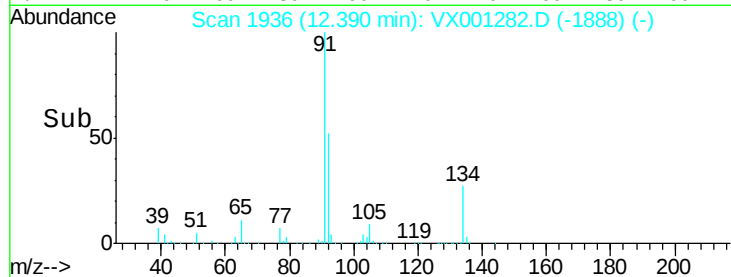
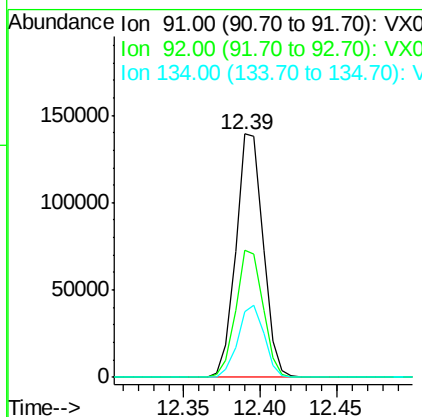
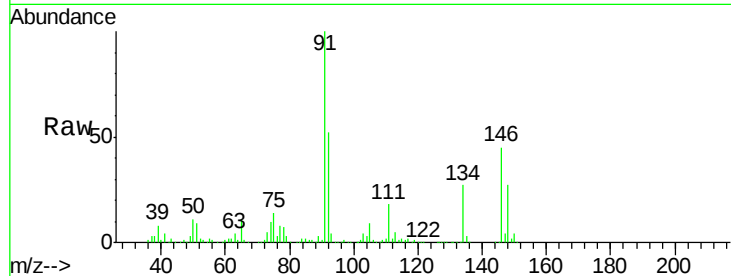
#89
n-Butylbenzene
Concen: 20.12 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX001282.D
Acq: 01 May 2018 16:51

Instrument :
MSVOA_X
ClientSampled :
VX0501WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.2	78.5
134	28.8	14.0	42.0

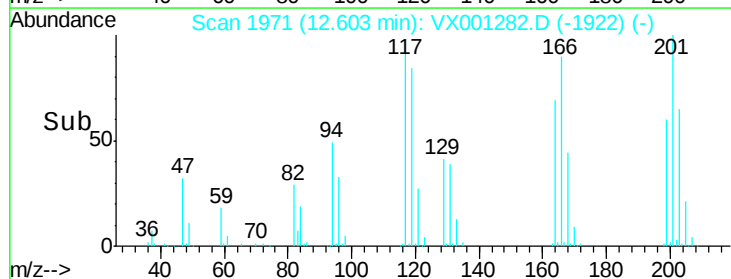
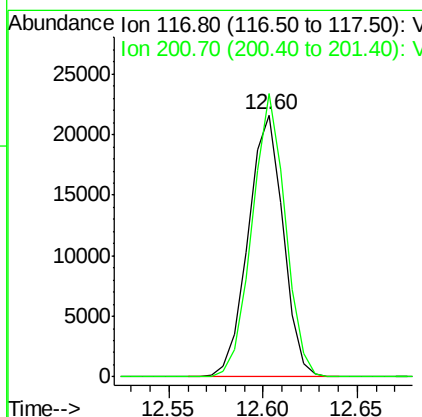
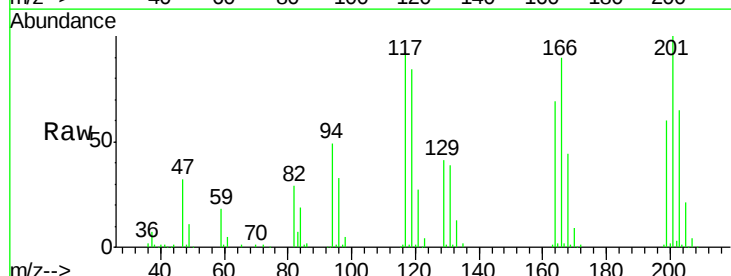
Manual Integrations
APPROVED

MMDadoda
5/2/2018 4:20:55 PM



#90
Hexachloroethane
Concen: 19.66 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001282.D
Acq: 01 May 2018 16:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	102.5	51.6	154.8





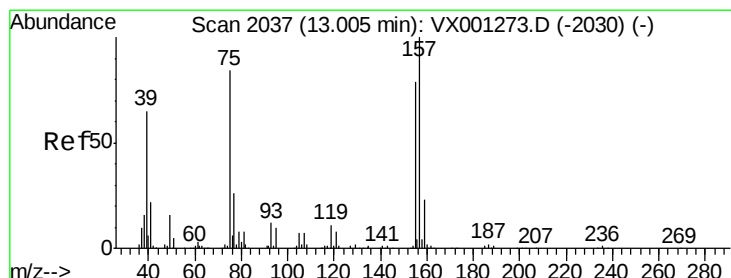
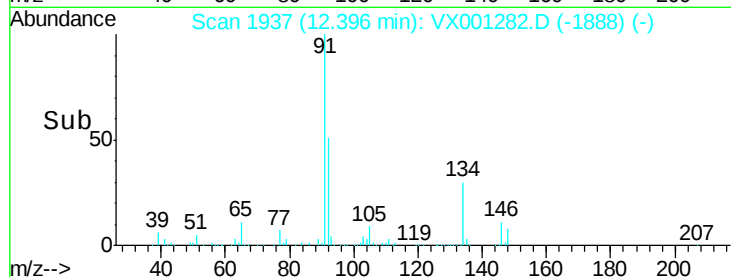
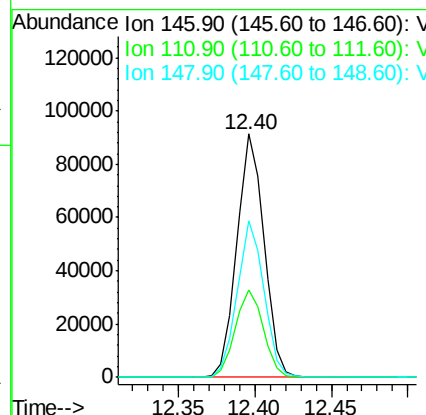
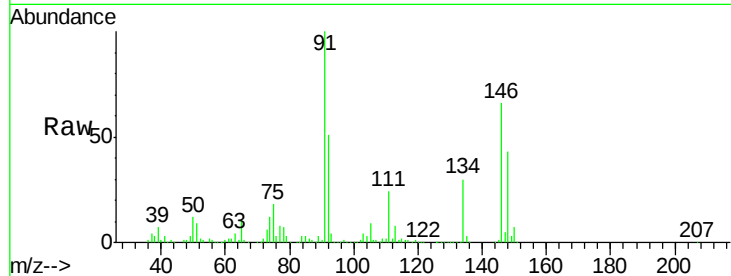
#91
 1,2-Dichlorobenzene
 Concen: 19.77 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001282.D
 Acq: 01 May 2018 16:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	112682		
111	37.1	18.9	56.5	
148	63.4	32.4	97.0	

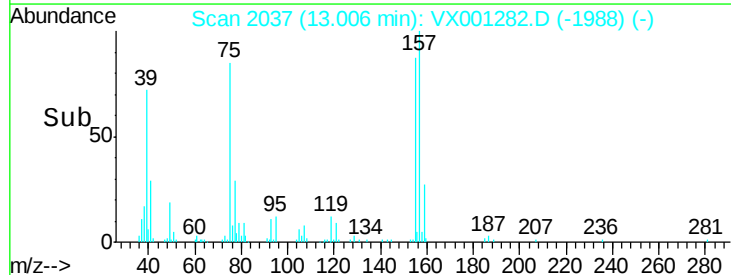
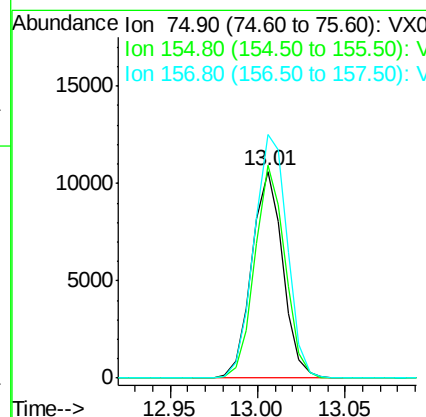
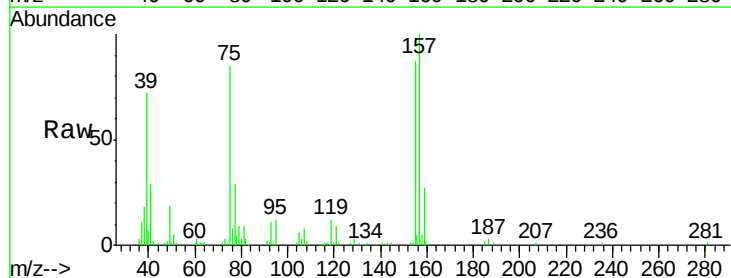
Manual Integrations
 APPROVED

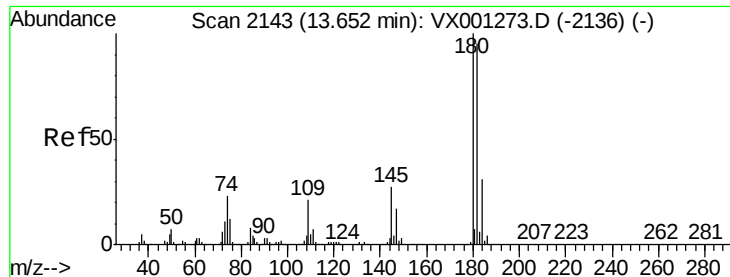
MMDadoda
 5/2/2018 4:20:55 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.53 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001282.D
 Acq: 01 May 2018 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	13218		
155	100.0	49.9	149.7	
157	125.7	63.7	191.1	





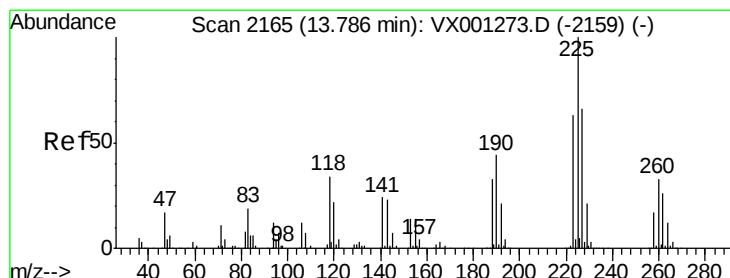
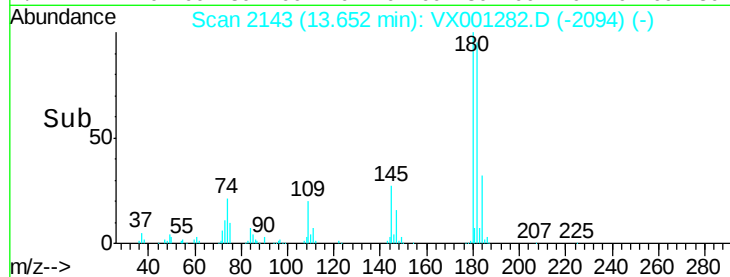
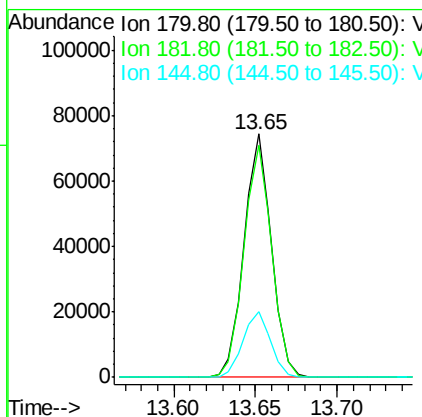
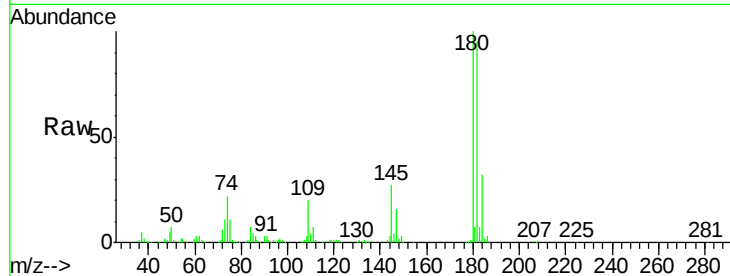
#93
 1,2,4-Trichlorobenzene
 Concen: 18.93 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001282.D
 Acq: 01 May 2018 16:51

Instrument :
 MSVOA_X
 ClientSampled :
 VX0501WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	86774		
182	97.1	47.3	141.9	
145	27.3	13.5	40.4	

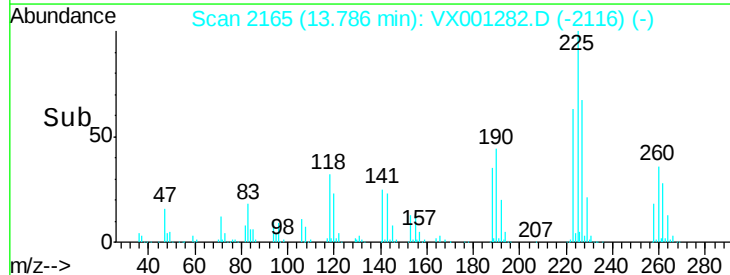
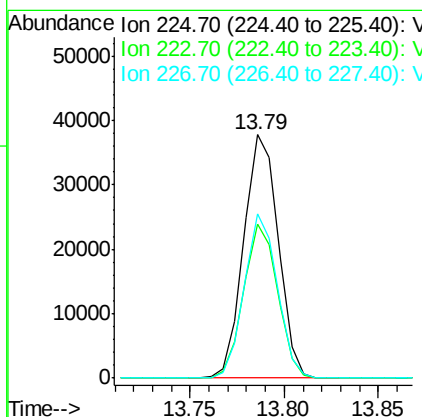
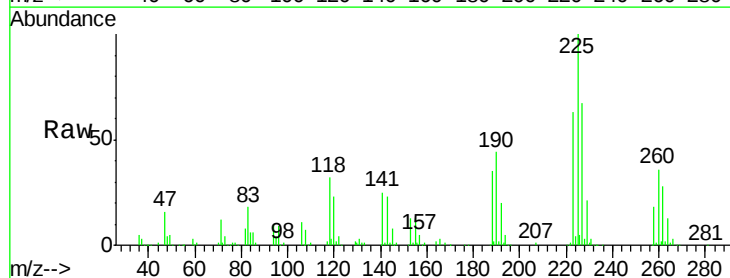
Manual Integrations
 APPROVED

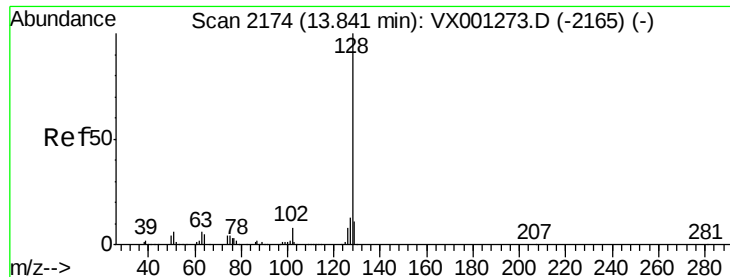
MMDadoda
 5/2/2018 4:20:55 PM



#94
 Hexachlorobutadiene
 Concen: 20.09 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001282.D
 Acq: 01 May 2018 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	48191		
223	62.1	31.4	94.0	
227	64.3	32.5	97.5	





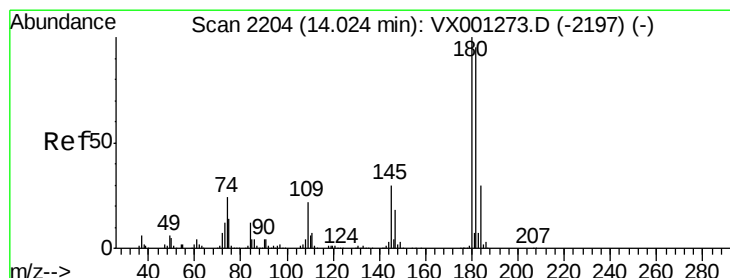
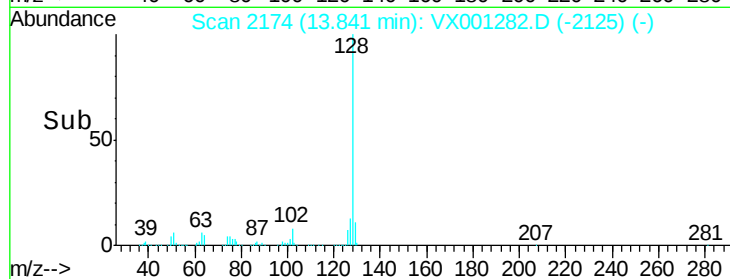
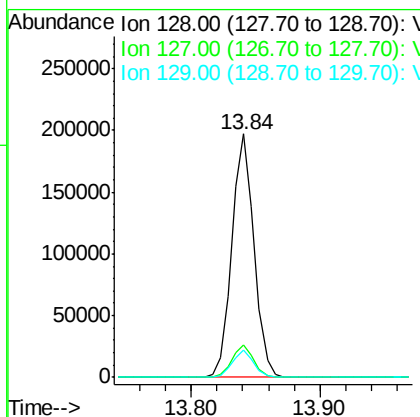
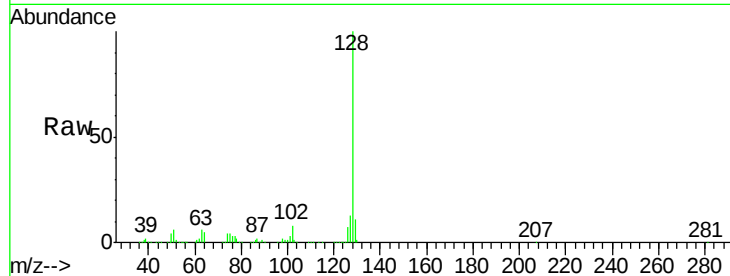
#95
Naphthalene
Concen: 20.36 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001282.D
Acq: 01 May 2018 16:51

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	236839		
127	13.0		10.5	15.7
129	10.9		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/2/2018 4:20:55 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.76 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001282.D
Acq: 01 May 2018 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	88930		
182	95.1		48.1	144.3
145	28.8		14.4	43.4

