

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051818\
 Data File : VX001810.D
 Acq On : 18 May 2018 06:01
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051818

Manual Integrations
 APPROVED

MMDadoda
 5/21/2018 2:40:35 PM

Quant Time: May 18 10:05:53 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X051818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 18 10:06:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	58621	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	247380	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	182161	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	114087	30.11	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.37%
60) 4-Bromofluorobenzene	11.14	95	82698	30.54	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.80%
63) Toluene-d8	8.72	98	285574	31.02	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.40%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	30865	19.09	ug/l	100
3) Chloromethane	1.32	50	65260	21.17	ug/l	100
4) Vinyl Chloride	1.40	62	55175	20.61	ug/l	99
5) Bromomethane	1.64	94	44992	25.62	ug/l	100
6) Chloroethane	1.73	64	40526	20.38	ug/l	95
7) Trichlorofluoromethane	1.93	101	58034	19.43	ug/l	100
8) Diethyl Ether	2.19	74	44543	21.22	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	32951	19.51	ug/l	97
10) 1,1-Dichloroethene	2.37	96	41084	19.87	ug/l	98
11) Methyl Iodide	2.51	142	64110	19.61	ug/l	98
12) Methyl Acetate	2.78	43	108144	21.52	ug/l	99
13) Acrolein	2.30	56	65487	109.17	ug/l	100
14) Acrylonitrile	3.15	53	202600	105.88	ug/l	99
15) Acetone	2.45	58	55013	105.30	ug/l	98
16) Carbon Disulfide	2.57	76	102611	19.84	ug/l	98
17) Allyl chloride	2.73	41	93214	20.16	ug/l	98
18) Methylene Chloride	2.86	84	66020	20.75	ug/l	96
19) trans-1,2-Dichloroethene	3.17	96	50926	19.97	ug/l	100
20) Diisopropyl ether	3.88	45	211431	21.01	ug/l	99
21) 1,1-Dichloroethane	3.70	63	104976	20.37	ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	68633	20.74	ug/l	99
23) tert-Butyl Alcohol	3.08	59	87161	109.56	ug/l #	100
24) Methyl tert-Butyl Ether	3.21	73	211519	21.49	ug/l	100
25) Chloroform	5.22	83	111739	20.35	ug/l	98
26) Cyclohexane	5.58	56	54203	19.32	ug/l #	99
29) 1,1-Dichloropropene	5.81	75	55942	19.93	ug/l	98
30) 2-Butanone	4.71	43	285726	112.90	ug/l	100
31) 2,2-Dichloropropane	4.59	77	34333	19.35	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	75474	20.29	ug/l	98
33) Carbon Tetrachloride	5.79	117	57846	19.48	ug/l	99
34) Benzene	6.15	78	234058	20.88	ug/l	95
35) Methacrylonitrile	5.07	41	60270	22.38	ug/l	96
36) 1,2-Dichloroethane	6.21	62	94583	21.59	ug/l	100
37) Trichloroethene	7.22	130	60469	19.74	ug/l	95
38) Methylcyclohexane	7.46	83	52144	20.15	ug/l	98
39) 1,2-Dichloropropane	7.53	63	62424	20.90	ug/l	95
40) Dibromomethane	7.67	93	45984	21.47	ug/l	99

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051818\
 Data File : VX001810.D
 Acq On : 18 May 2018 06:01
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051818

Manual Integrations
 APPROVED

MMDadoda
 5/21/2018 2:40:35 PM

Quant Time: May 18 10:05:53 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X051818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 18 10:06:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	79323	21.03	ug/l	96
42) Vinyl Acetate	3.83	43	731956	106.73	ug/l	99
43) Ethyl Acetate	4.87	43	108523	22.51	ug/l	99
44) Isopropyl Acetate	6.48	43	157982	22.59	ug/l	99
45) 1,4-Dioxane	7.76	88	37973	444.01	ug/l	99
46) Methyl methacrylate	7.79	41	83356	22.65	ug/l	100
47) n-amyl Acetate	10.90	43	104908	21.67	ug/l	99
48) t-1,3-Dichloropropene	8.45	75	84749	21.36	ug/l	99
49) cis-1,3-Dichloropropene	9.05	75	74084	21.34	ug/l	96
50) 1,1,2-Trichloroethane	9.22	97	61605	20.95	ug/l	97
51) Ethyl methacrylate	9.19	69	87418	21.87	ug/l	100
52) 1,3-Dichloropropane	9.38	76	99236	21.28	ug/l	98
53) Dibromochloromethane	9.59	129	60500	21.16	ug/l	99
54) 1,2-Dibromoethane	9.68	107	63677	21.36	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	260419	111.54	ug/l	99
56) Bromoform	10.87	173	48718	20.85	ug/l	99
58) 4-Methyl-2-Pentanone	8.66	43	545599	119.81	ug/l	99
59) 2-Hexanone	9.51	43	356848	119.46	ug/l	99
61) Tetrachloroethene	9.34	164	54617	20.36	ug/l	98
62) Toluene	8.79	91	220446	20.96	ug/l	100
64) Chlorobenzene	10.15	112	129044	20.95	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.23	131	54429	21.90	ug/l	98
66) Ethyl Benzene	10.26	91	181087	20.71	ug/l	98
67) m/p-Xylenes	10.37	106	144614	41.37	ug/l	99
68) o-Xylene	10.71	106	75789	21.07	ug/l	98
69) Styrene	10.72	104	128873	21.49	ug/l	100
70) Isopropylbenzene	11.02	105	174643	20.69	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	87475	22.80	ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	95572	26.18	ug/l	93
73) Bromobenzene	11.26	156	62847	21.00	ug/l	99
74) n-propylbenzene	11.37	91	182912	20.82	ug/l	99
75) 2-Chlorotoluene	11.43	91	125694	20.77	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	145945	20.79	ug/l	100
77) t-1,4-Dichloro-2-butene	11.08	75	17113	21.97	ug/l	97
78) 4-Chlorotoluene	11.52	91	138968	20.82	ug/l	100
79) tert-butylbenzene	12.07	119	144164	20.81	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	153937	21.23	ug/l	99
81) sec-Butylbenzene	11.95	105	159035	20.92	ug/l	100
82) p-Isopropyltoluene	12.07	119	144164	20.81	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	96499	20.69	ug/l	100
84) 1,4-Dichlorobenzene	12.10	146	97396	21.03	ug/l	99
85) n-Butylbenzene	12.40	91	104120	20.70	ug/l	99
86) Hexachloroethane	12.60	117	23335	20.21	ug/l	99
87) 1,2-Dichlorobenzene	12.40	146	107552	21.25	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.01	75	18313	22.52	ug/l	96
89) 1,2,4-Trichlorobenzene	13.65	180	68317	21.42	ug/l	99
90) Hexachlorobutadiene	13.79	225	32218	20.62	ug/l	99
91) Naphthalene	13.84	128	254305	22.89	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	77701	21.66	ug/l	98

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051818\
Data File : VX001810.D
Acq On : 18 May 2018 06:01
Operator : JC/MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051818

Manual Integrations
APPROVED

MMDadoda
5/21/2018 2:40:35 PM

Quant Time: May 18 10:05:53 2018
Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X051818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 18 10:06:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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

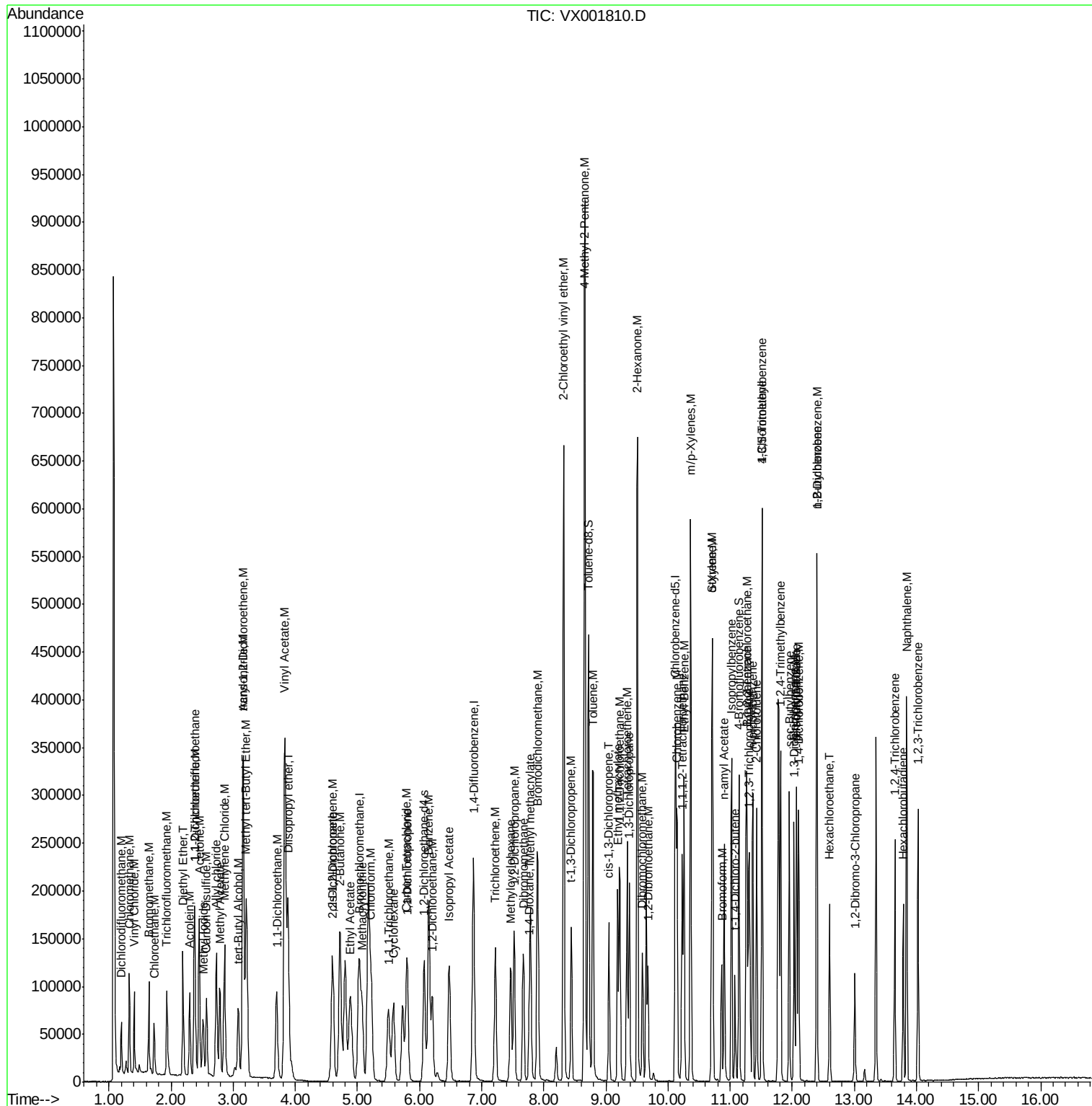
```
Data Path   : W:\HPCHEM1\MSVOA X\DATA\VX051818\  
Data File  : VX001810.D  
Acq On     : 18 May 2018   06:01  
Operator   : JC/MD  
Sample     : VSTDICV020  
Misc       : 5.0mL/MSVOA X/WATER  
ALS Vial   : 31      Sample Multiplier: 1
```

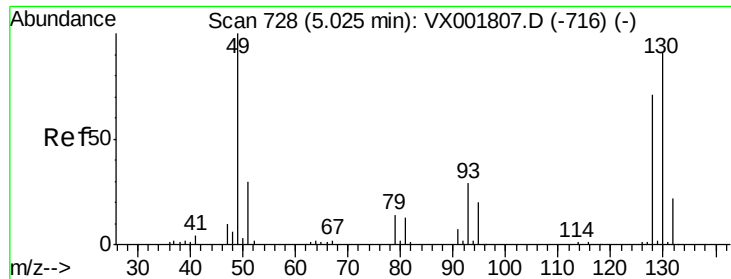
Instrument :
MSVOA_X
ClientSampleId :
ICVVX051818

Manual Integrations APPROVED

MMDadoda
5/21/2018 2:40:35 PM

Quant Time: May 18 10:05:53 2018
Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X051818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 18 10:06:03 2018
Response via : Initial Calibration





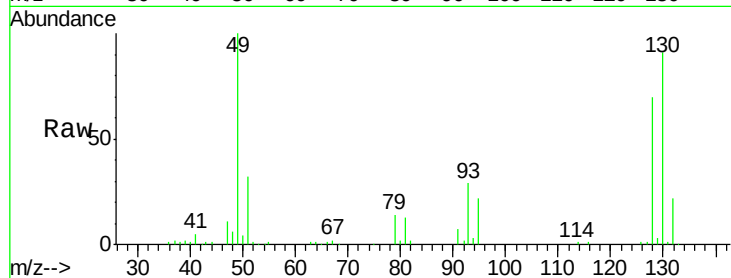
#1
 Bromochloromethane
 Concen: 30.00 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VX001810.D
 Acq: 18 May 2018 06:01

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051818

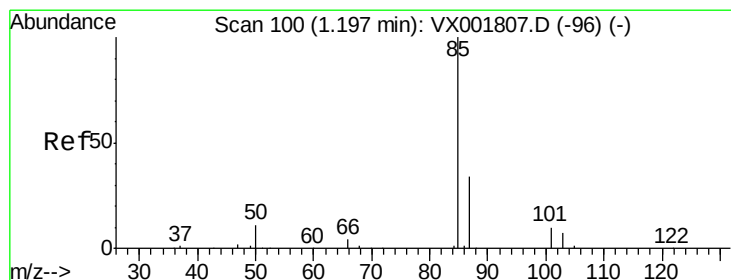
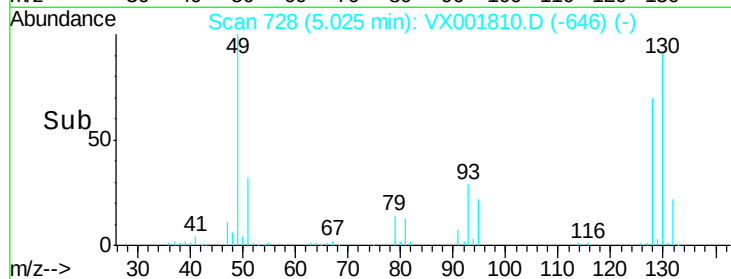
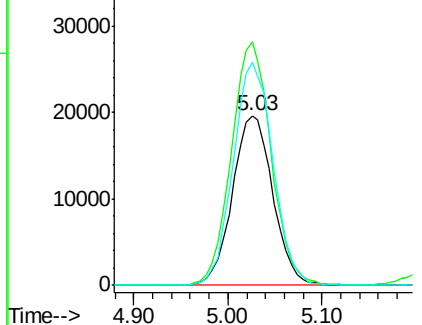
Tot Ion	Ratio	Lower	Upper
128	100		
49	141.9	0.0	352.3
130	129.9	0.0	323.5

Manual Integrations
 APPROVED

MMDadoda
 5/21/2018 2:40:35 PM

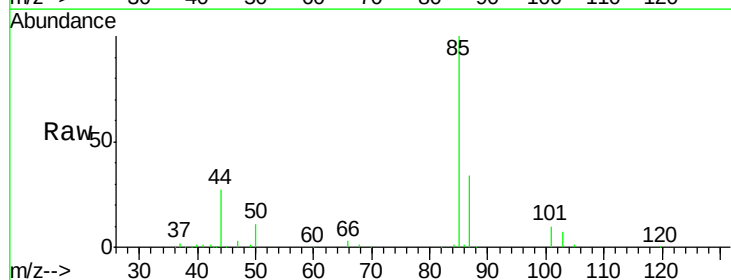


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VX0
 Ion 130.00 (129.70 to 130.70): V

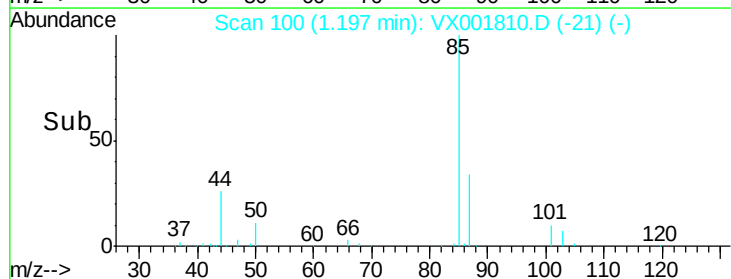
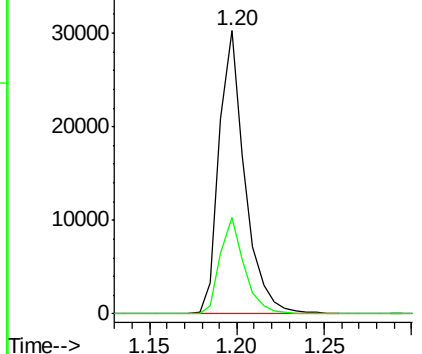


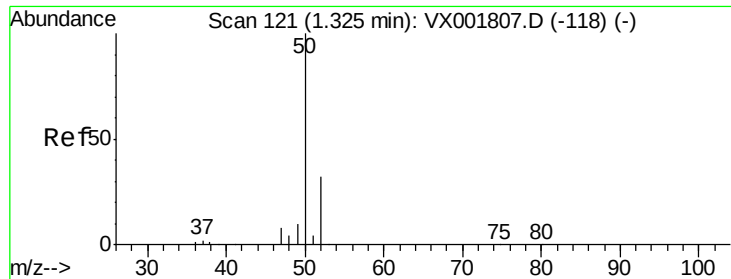
#2
 Dichlorodifluoromethane
 Concen: 19.09 ug/l
 RT: 1.20 min Scan# 100
 Delta R.T. 0.00 min
 Lab File: VX001810.D
 Acq: 18 May 2018 06:01

Tgt Ion	Ratio	Lower	Upper
85	100		
87	34.0	16.9	50.7



Abundance Ion 85.00 (84.70 to 85.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 21.17 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001810.D

Acq: 18 May 2018 06:01

Instrument :

MSVOA_X

ClientSampleId :

ICVVX051818

Tot Ion: 50 Resp: 65260

Ion Ratio Lower Upper

50 100

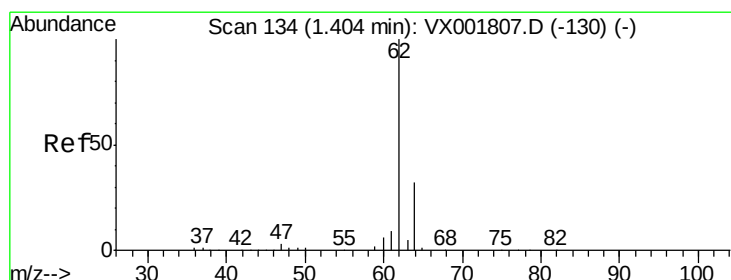
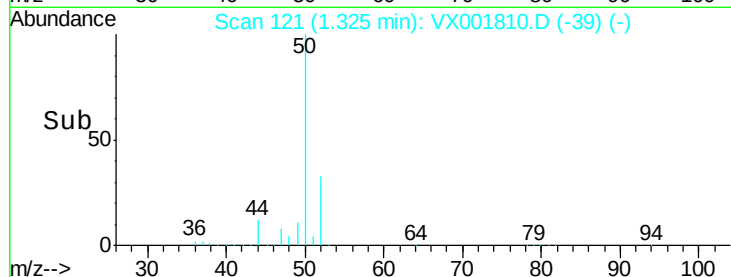
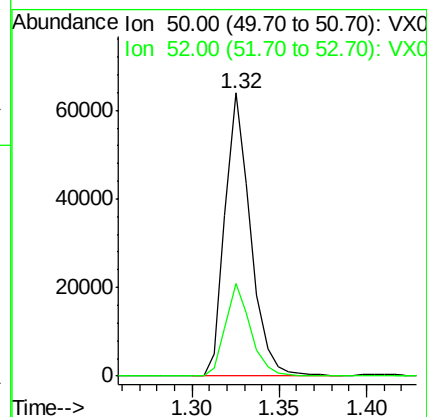
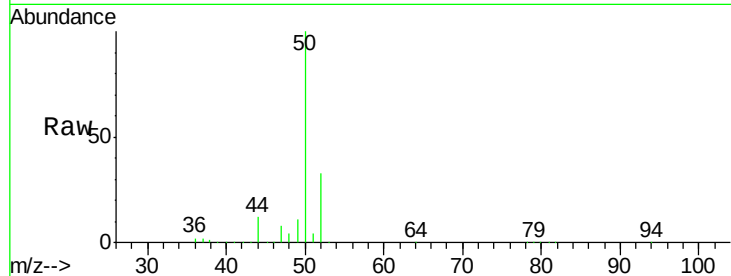
52 32.7 26.0 39.0

Manual Integrations

APPROVED

MMDadoda

5/21/2018 2:40:35 PM



#4

Vinyl Chloride

Concen: 20.61 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001810.D

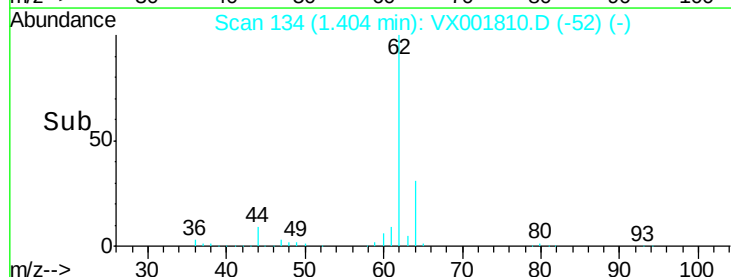
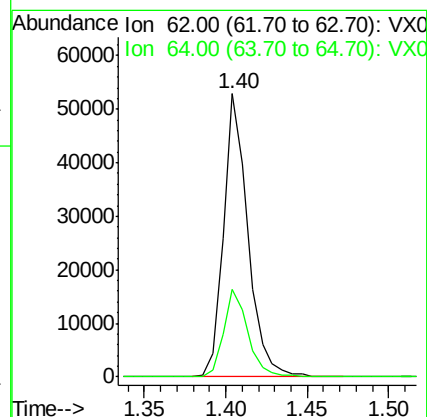
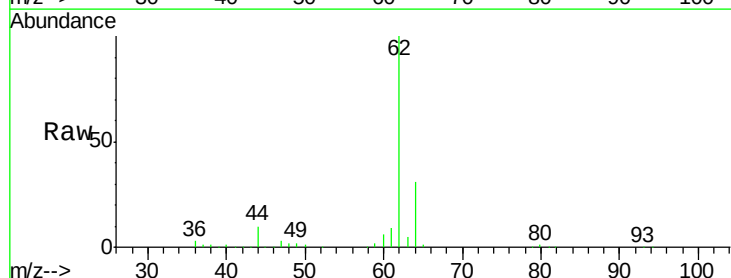
Acq: 18 May 2018 06:01

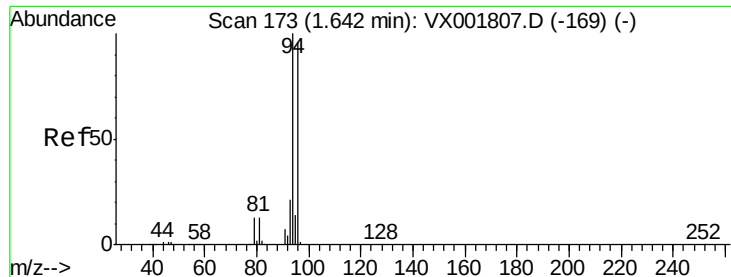
Tgt Ion: 62 Resp: 55175

Ion Ratio Lower Upper

62 100

64 31.0 25.4 38.2





#5

Bromomethane

Concen: 25.62 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX001810.D

Acq: 18 May 2018 06:01

Instrument :

MSVOA_X

ClientSampleId :

ICVVX051818

Tot Ion: 94 Resp: 44992

Ion Ratio Lower Upper

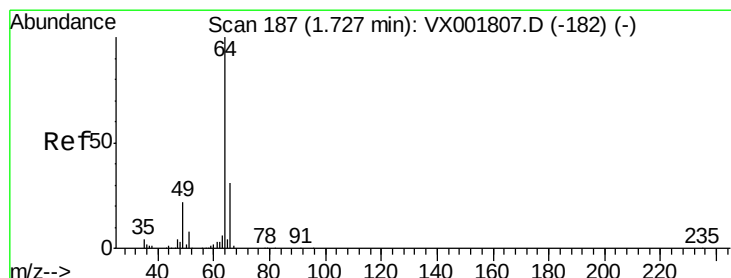
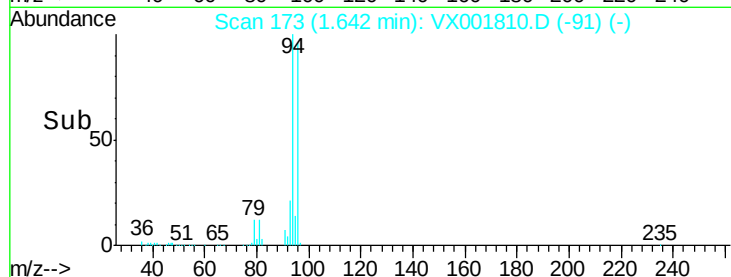
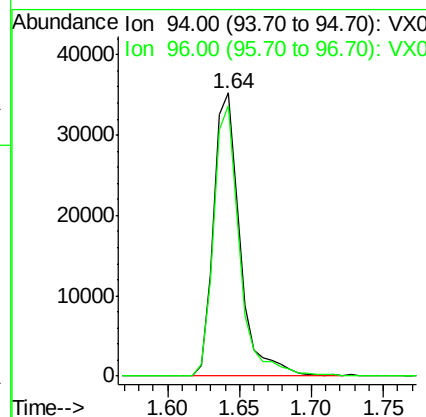
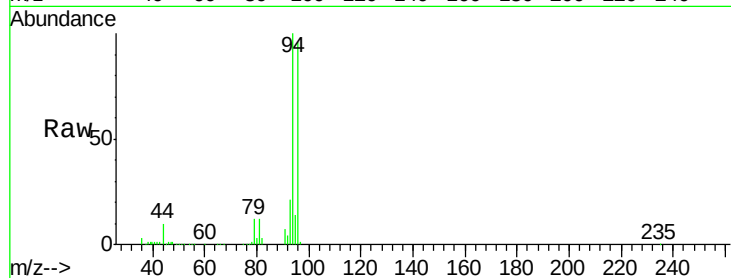
94 100

96 96.0 76.6 115.0

Manual Integrations
APPROVED

MMDadoda

5/21/2018 2:40:35 PM



#6

Chloroethane

Concen: 20.38 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX001810.D

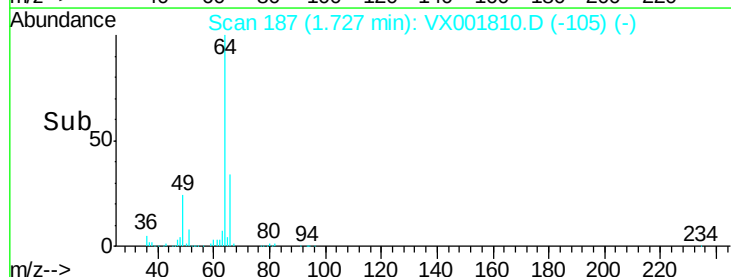
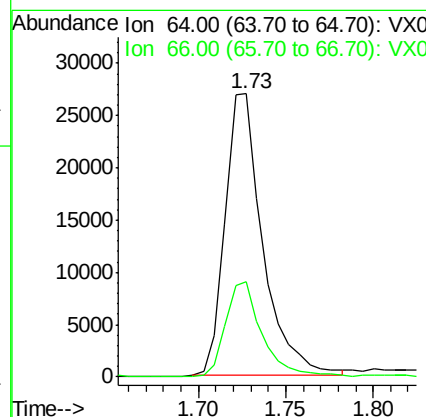
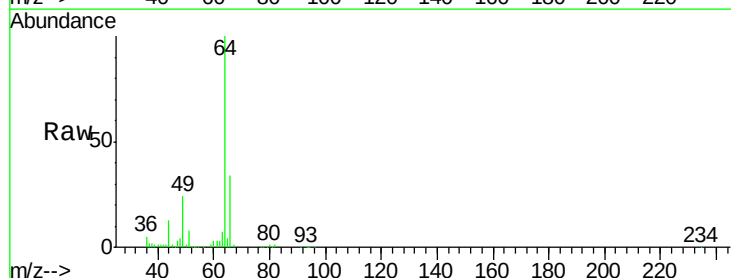
Acq: 18 May 2018 06:01

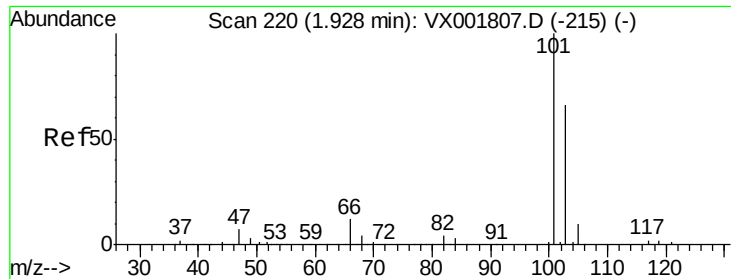
Tgt Ion: 64 Resp: 40526

Ion Ratio Lower Upper

64 100

66 33.7 25.0 37.4





#7

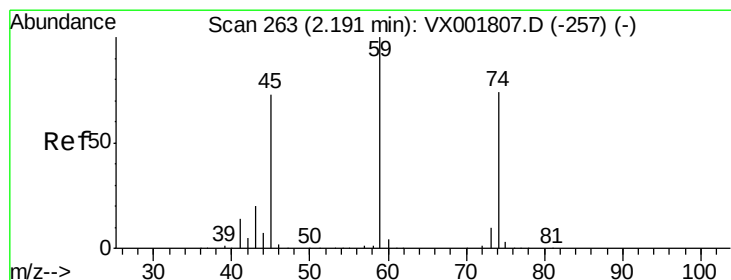
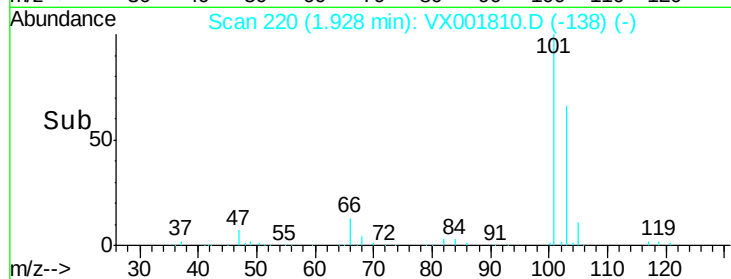
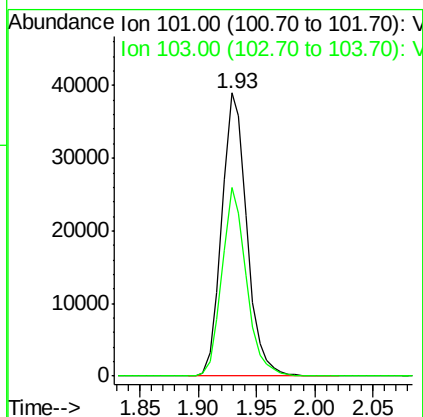
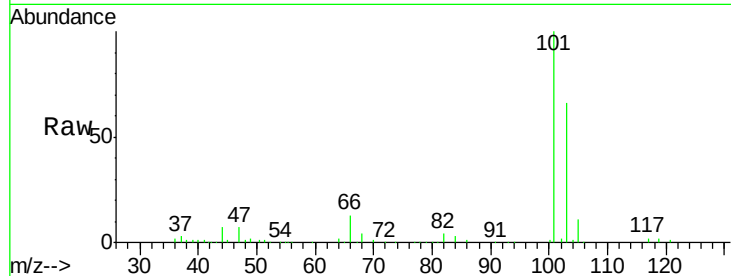
Trichlorofluoromethane
Concen: 19.43 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX001810.D
Acq: 18 May 2018 06:01

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051818

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		58034		
103	66.5	52.9	79.3		

Manual Integrations
APPROVED

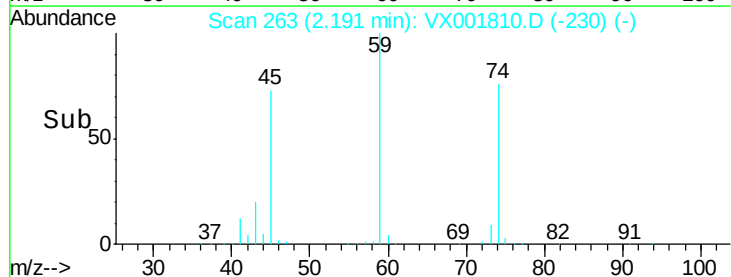
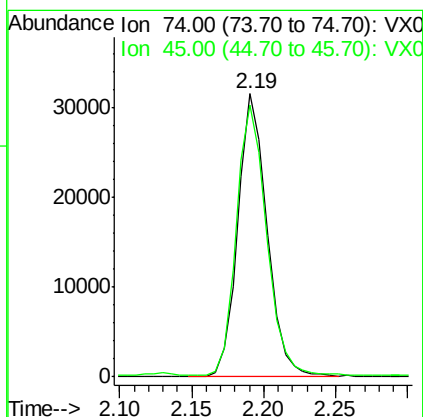
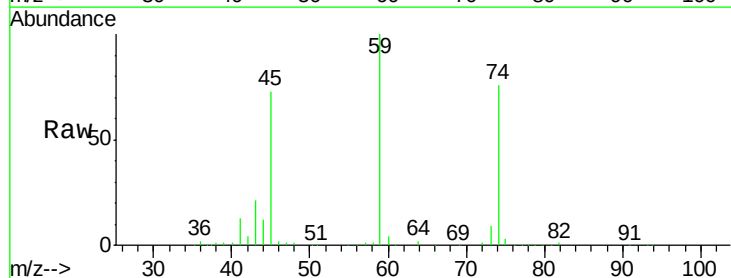
MMDadoda
5/21/2018 2:40:35 PM

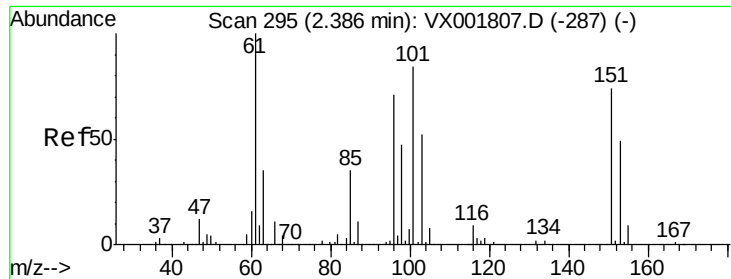


#8

Diethyl Ether
Concen: 21.22 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX001810.D
Acq: 18 May 2018 06:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		44543		
45	98.5	19.8	178.0		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.51 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX001810.D

Acq: 18 May 2018 06:01

Instrument :

MSVOA_X

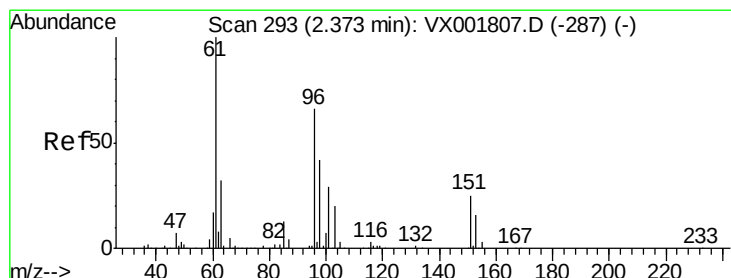
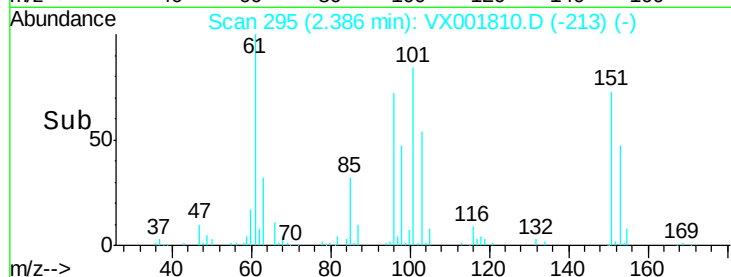
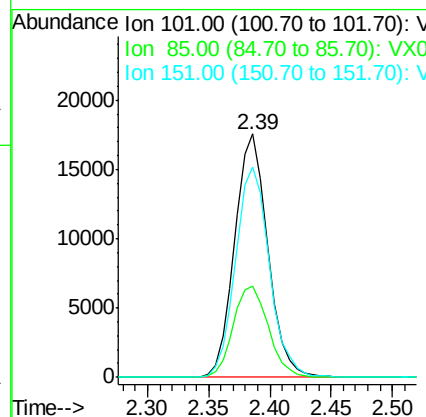
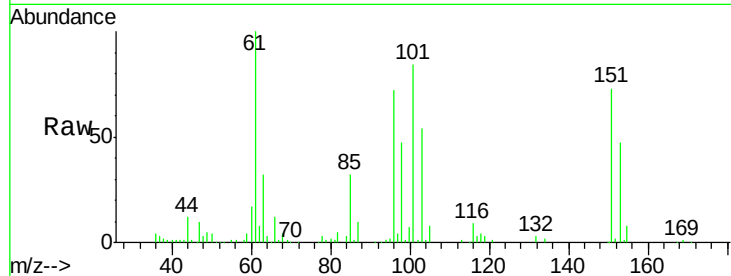
ClientSampleId :

ICVVX051818

Tot Ion:	101	Resp:	32951
Ion Ratio	Lower	Upper	
101	100		
85	39.8	0.0	83.0
151	88.2	0.0	182.8

Manual Integrations
APPROVED

MMDadoda
5/21/2018 2:40:35 PM



#10

1,1-Dichloroethene

Concen: 19.87 ug/l

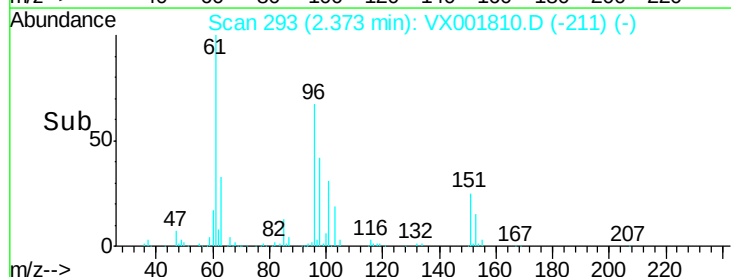
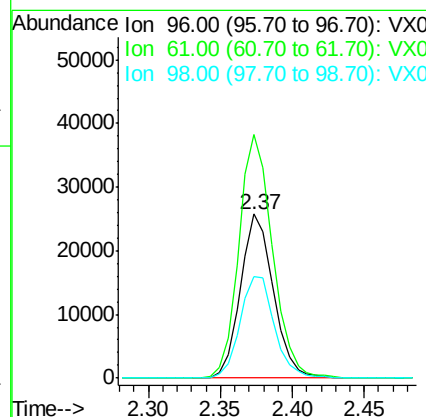
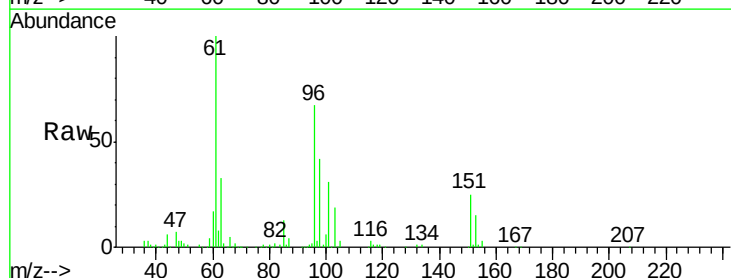
RT: 2.37 min Scan# 293

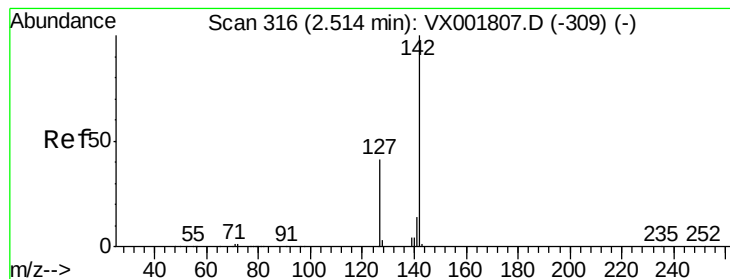
Delta R.T. 0.00 min

Lab File: VX001810.D

Acq: 18 May 2018 06:01

Tgt Ion:	96	Resp:	41084
Ion Ratio	Lower	Upper	
96	100		
61	148.7	120.9	181.3
98	61.9	50.2	75.4





#11

Methvl Iodide

Concen: 19.61 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001810.D

Acq: 18 May 2018 06:01

Instrument :

MSVOA_X

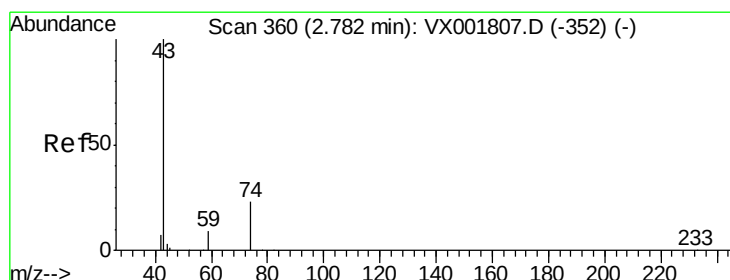
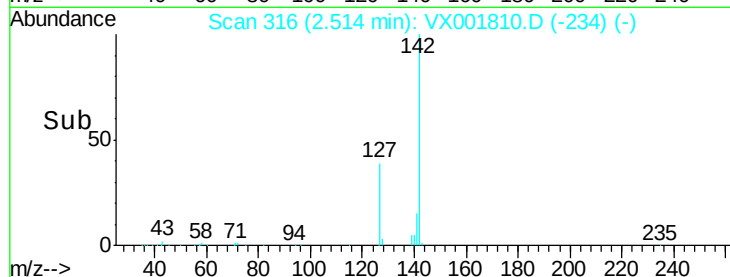
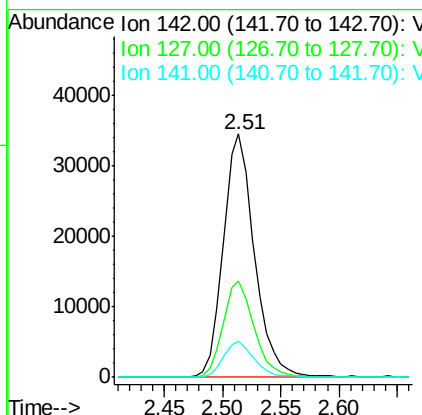
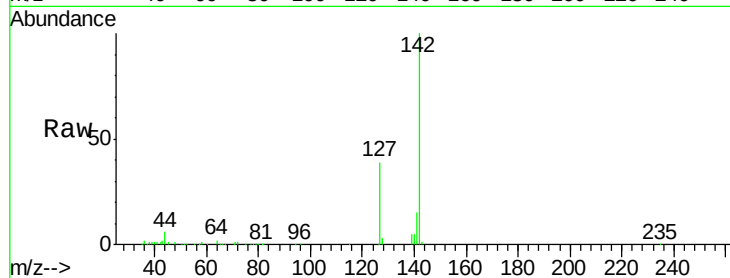
ClientSampleId :

ICVVX051818

Tot Ion	Ratio	Lower	Upper
142	100		
127	39.3	20.3	61.0
141	14.7	7.0	21.1

Manual Integrations
APPROVED

MMDadoda
5/21/2018 2:40:35 PM



#12

Methyl Acetate

Concen: 21.52 ug/l

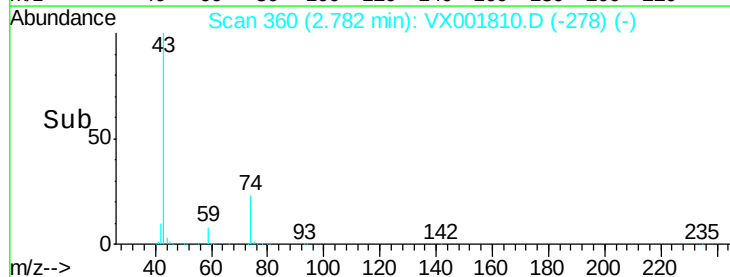
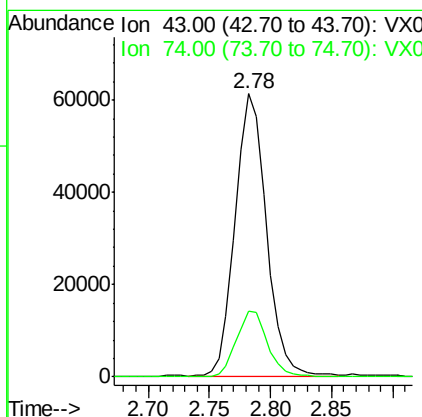
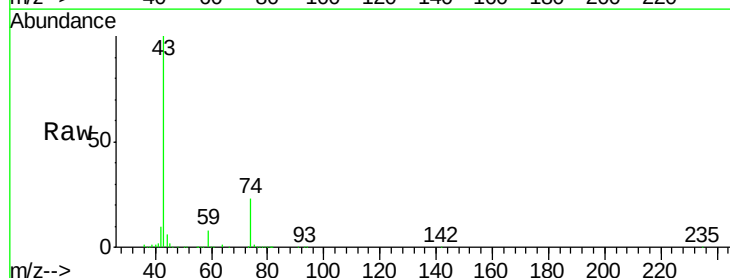
RT: 2.78 min Scan# 360

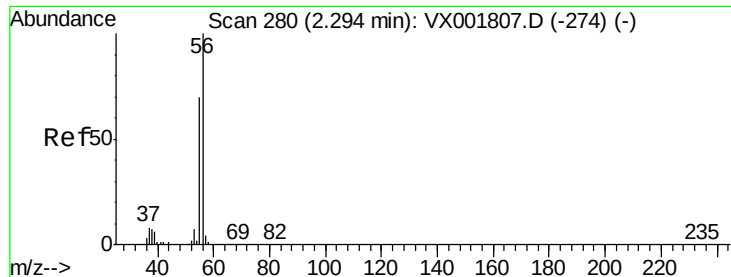
Delta R.T. 0.00 min

Lab File: VX001810.D

Acq: 18 May 2018 06:01

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.1	18.2	27.4





#13

Acrolein

Concen: 109.17 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX001810.D

Acq: 18 May 2018 06:01

Instrument :

MSVOA_X

ClientSampleId :

ICVVX051818

Tot Ion: 56 Resp: 65487

Ion Ratio Lower Upper

56 100

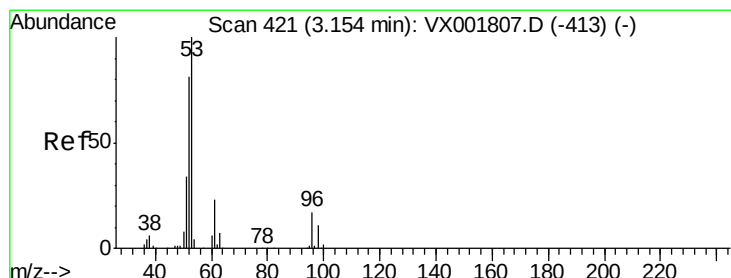
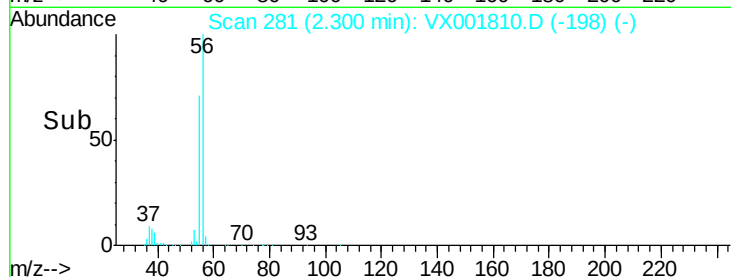
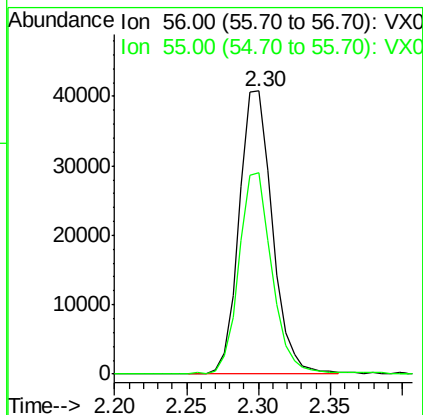
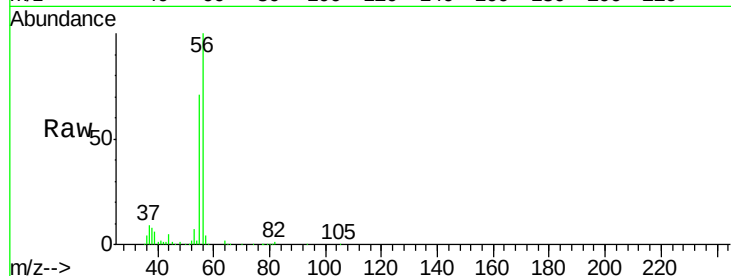
55 70.4 56.0 84.0

Manual Integrations

APPROVED

MMDadoda

5/21/2018 2:40:35 PM



#14

Acrylonitrile

Concen: 105.88 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001810.D

Acq: 18 May 2018 06:01

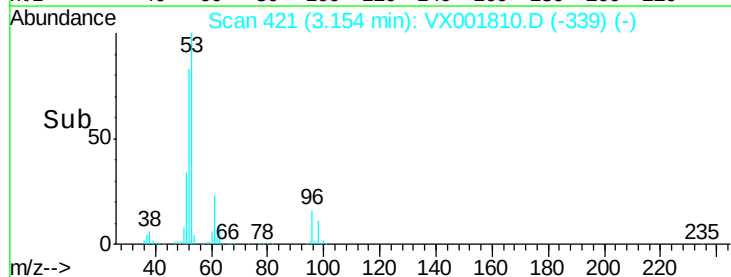
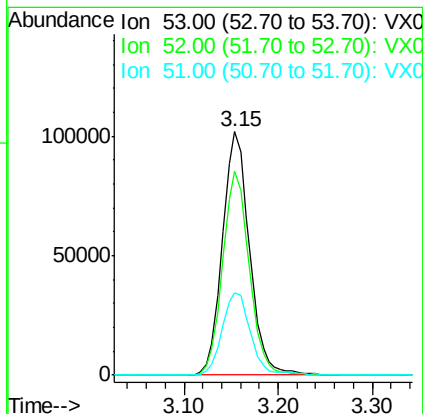
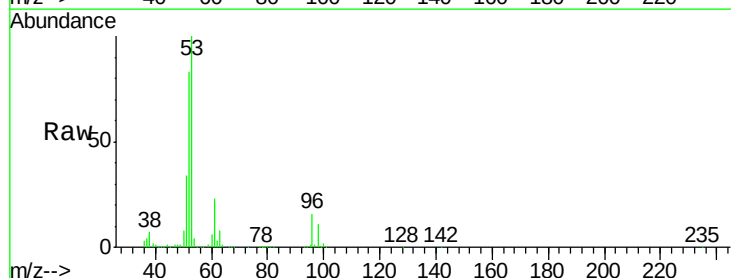
Tgt Ion: 53 Resp: 202600

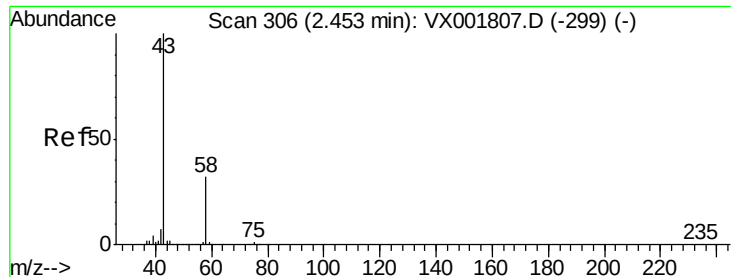
Ion Ratio Lower Upper

53 100

52 82.2 40.7 122.1

51 34.7 17.4 52.3





#15

Acetone

Concen: 105.30 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001810.D

Acq: 18 May 2018 06:01

Instrument :

MSVOA_X

ClientSampleId :

ICVVX051818

Tot Ion: 58 Resp: 55013

Ion Ratio Lower Upper

58 100

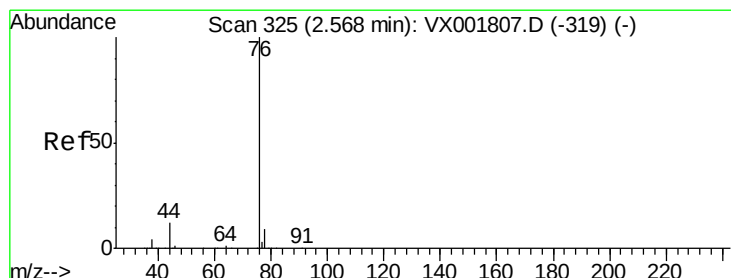
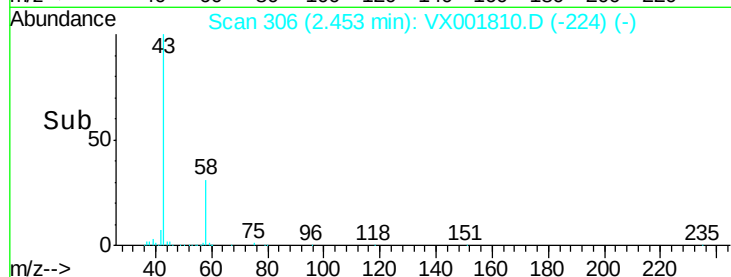
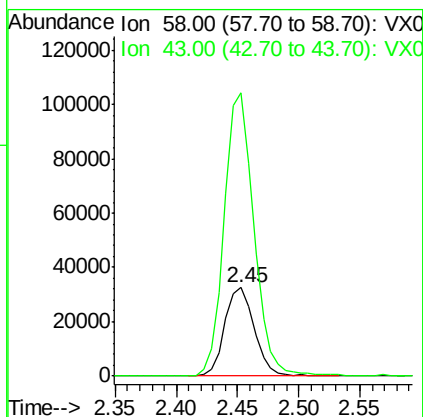
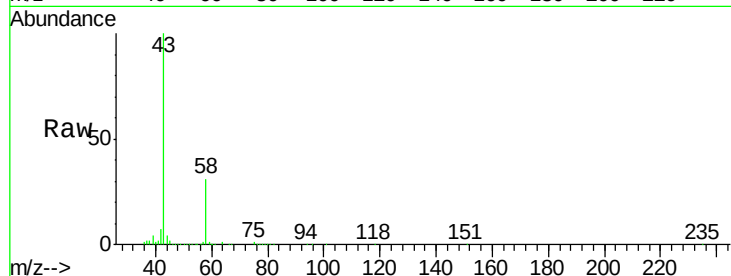
43 318.1 252.1 378.1

Manual Integrations

APPROVED

MMDadoda

5/21/2018 2:40:35 PM



#16

Carbon Disulfide

Concen: 19.84 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX001810.D

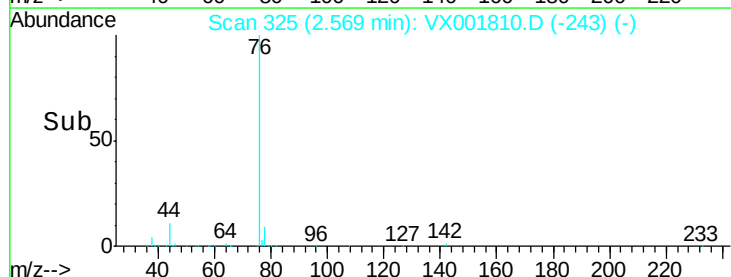
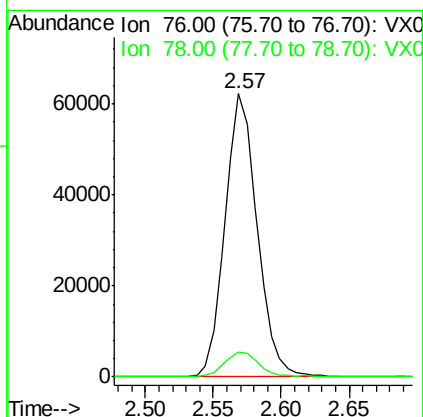
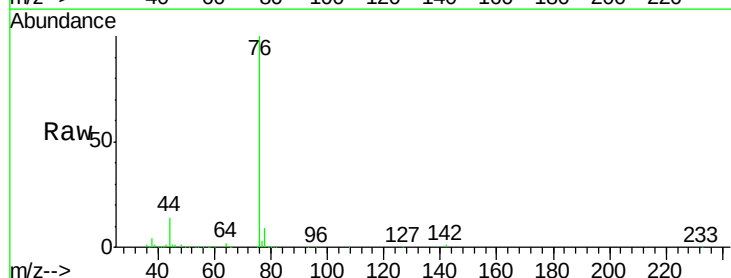
Acq: 18 May 2018 06:01

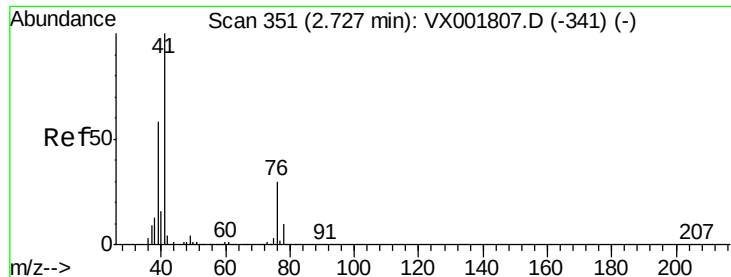
Tgt Ion: 76 Resp: 102611

Ion Ratio Lower Upper

76 100

78 8.6 7.5 11.3





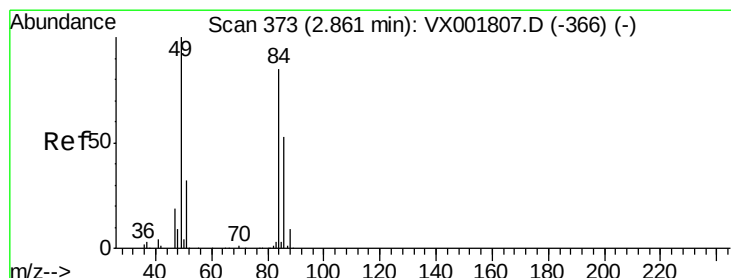
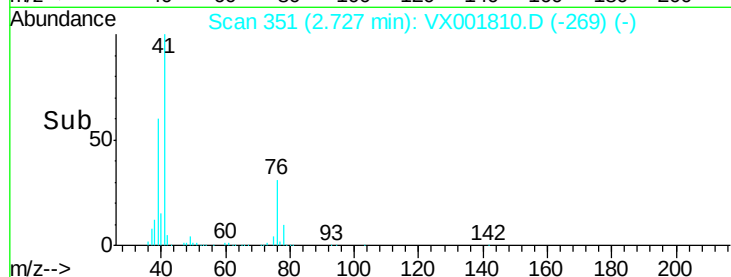
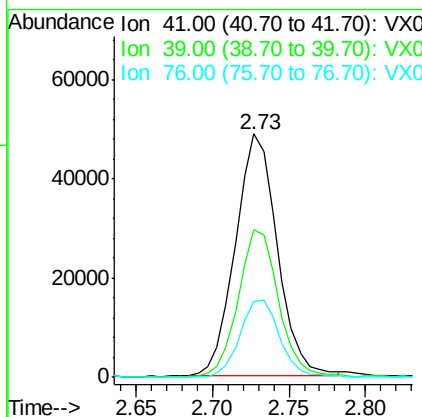
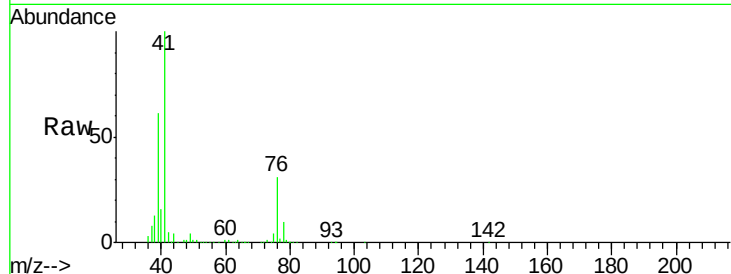
#17
Allvl chloride
Concen: 20.16 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX001810.D
Acq: 18 May 2018 06:01

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051818

Tot Ion:	41	Resp:	93214
Ion	Ratio	Lower	Upper
41	100		
39	60.4	29.1	87.3
76	31.0	15.2	45.5

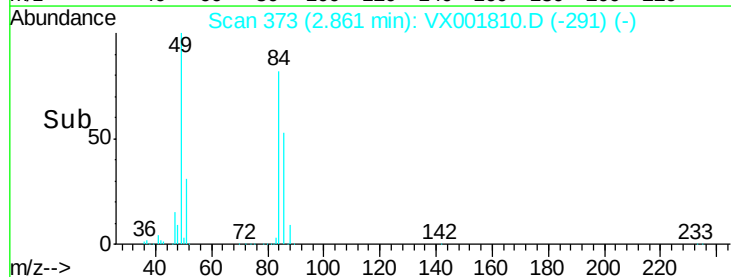
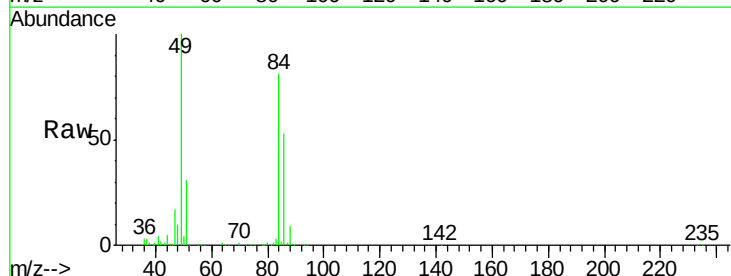
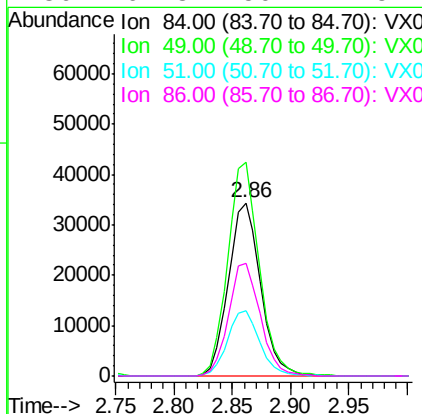
Manual Integrations
APPROVED

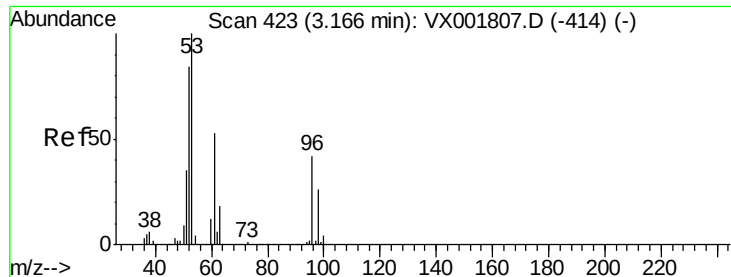
MMDadoda
5/21/2018 2:40:35 PM



#18
Methylene Chloride
Concen: 20.75 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001810.D
Acq: 18 May 2018 06:01

Tgt Ion:	84	Resp:	66020
Ion	Ratio	Lower	Upper
84	100		
49	123.3	94.1	141.1
51	37.4	29.8	44.6
86	64.8	50.1	75.1





#19

trans-1,2-Dichloroethene

Concen: 19.97 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001810.D

Acq: 18 May 2018 06:01

Instrument :

MSVOA_X

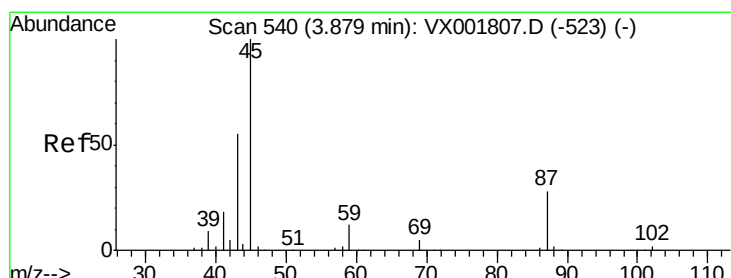
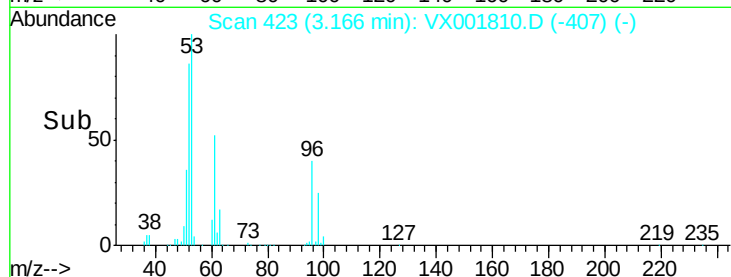
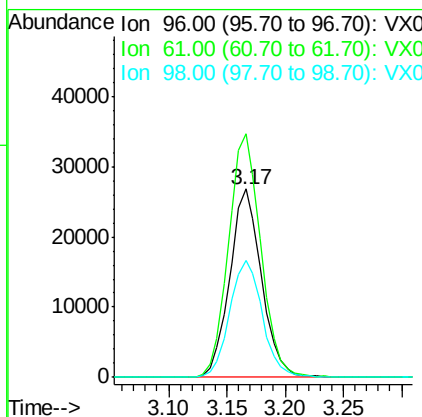
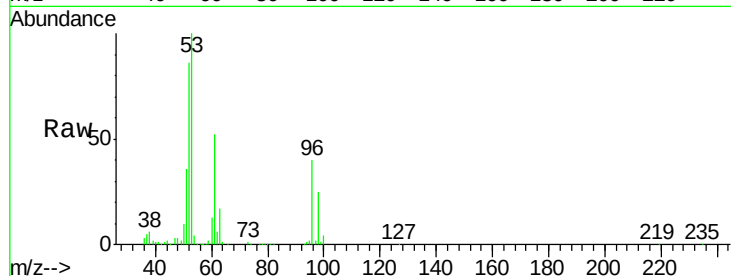
ClientSampleId :

ICVVX051818

Tot Ion:	96	Resp:	50926
Ion	Ratio	Lower	Upper
96	100		
61	129.0	102.9	154.3
98	62.4	49.7	74.5

Manual Integrations
APPROVED

MMDadoda
5/21/2018 2:40:35 PM



#20

Diisopropyl ether

Concen: 21.01 ug/l

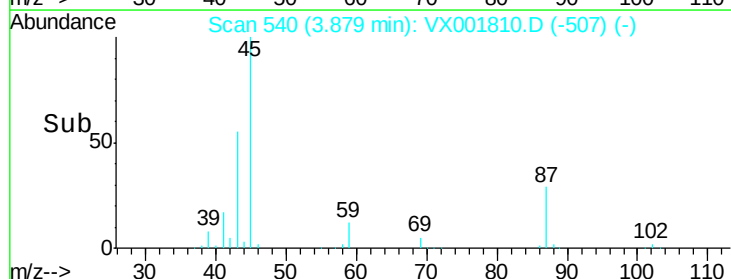
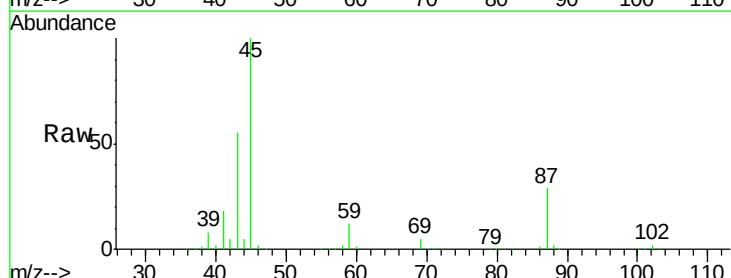
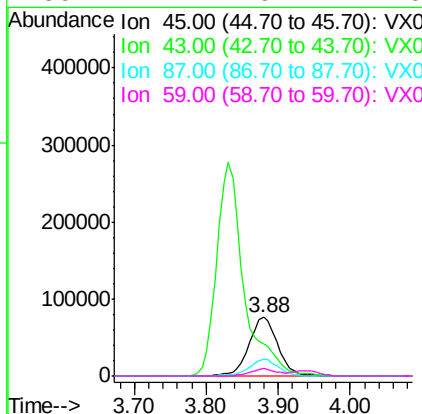
RT: 3.88 min Scan# 540

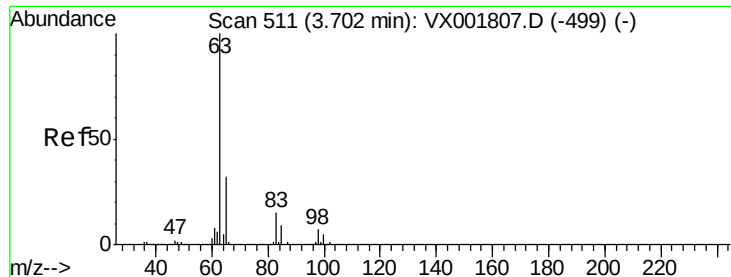
Delta R.T. 0.00 min

Lab File: VX001810.D

Acq: 18 May 2018 06:01

Tgt Ion:	45	Resp:	211431
Ion	Ratio	Lower	Upper
45	100		
43	54.8	44.2	66.2
87	29.1	22.4	33.6
59	12.1	9.4	14.0





#21

1,1-Dichloroethane

Concen: 20.37 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001810.D

Acq: 18 May 2018 06:01

Instrument :

MSVOA_X

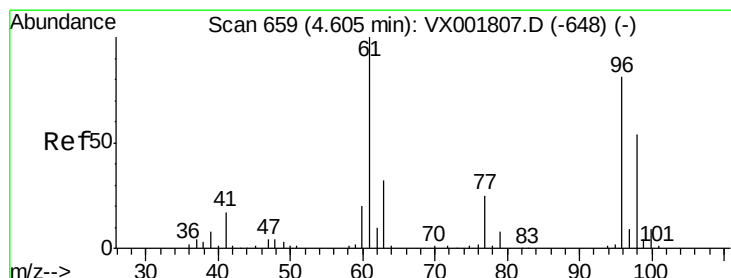
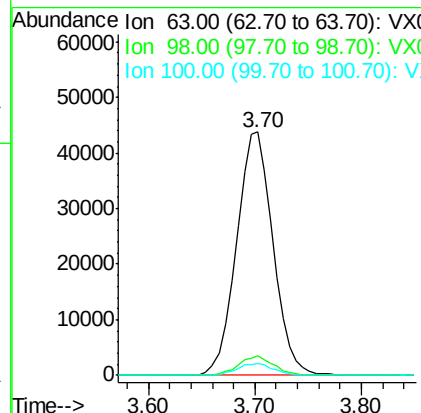
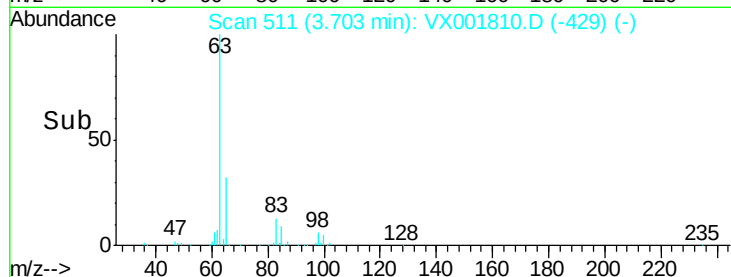
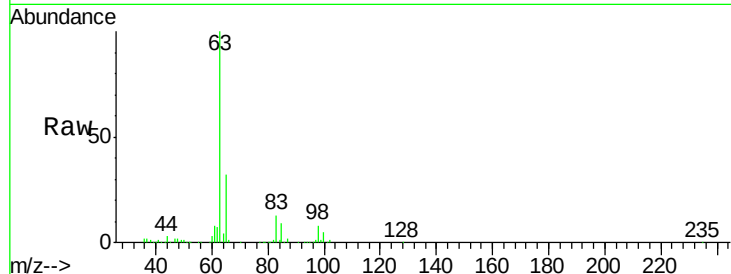
ClientSampleId :

ICVVX051818

Tot Ion	Ratio	Resp	Lower	Upper
63	100	104976		
98	7.9	3.7	11.1	
100	4.9	2.5	7.6	

Manual Integrations
APPROVED

MMDadoda
5/21/2018 2:40:35 PM



#22

cis-1,2-Dichloroethene

Concen: 20.74 ug/l

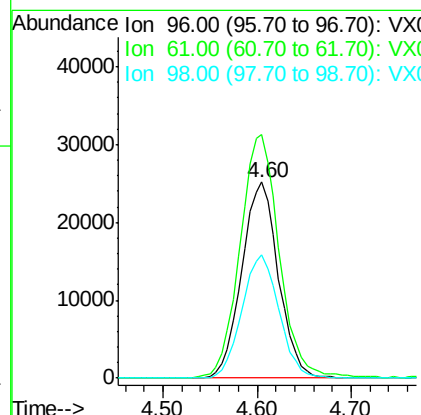
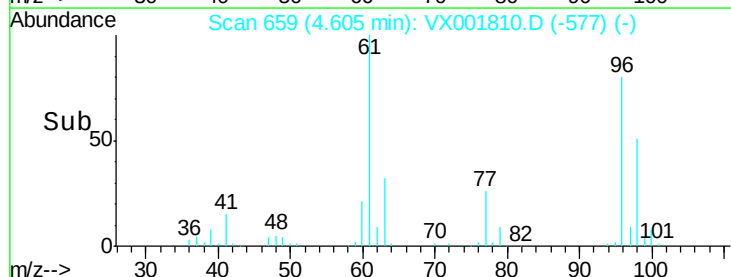
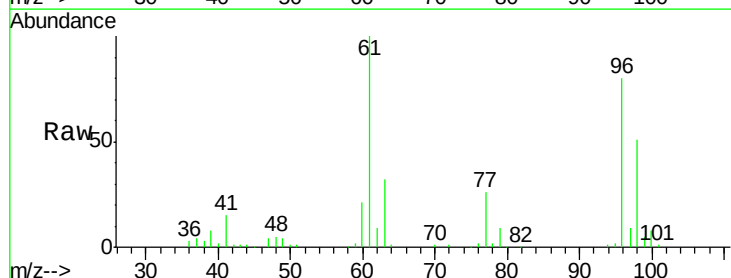
RT: 4.60 min Scan# 659

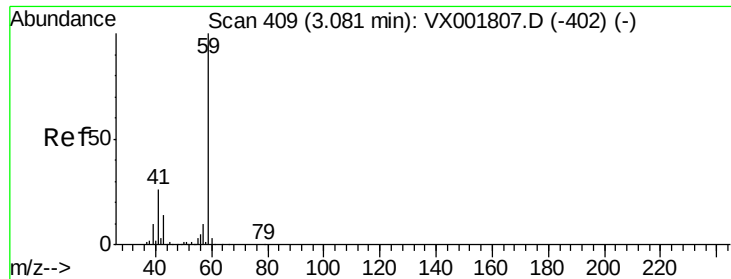
Delta R.T. 0.00 min

Lab File: VX001810.D

Acq: 18 May 2018 06:01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	68633		
61	131.6	105.9	158.9	
98	63.3	51.5	77.3	





#23

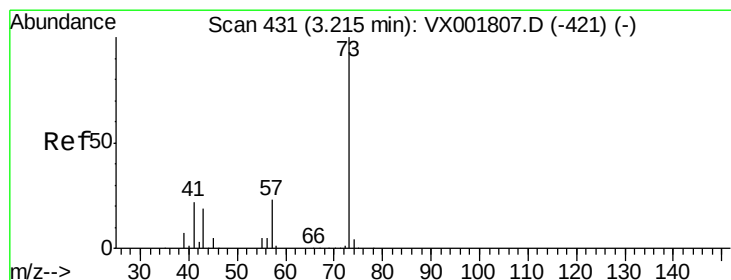
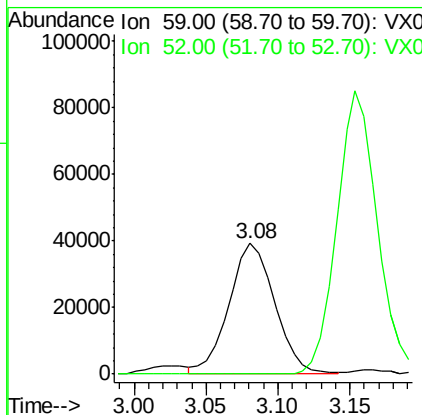
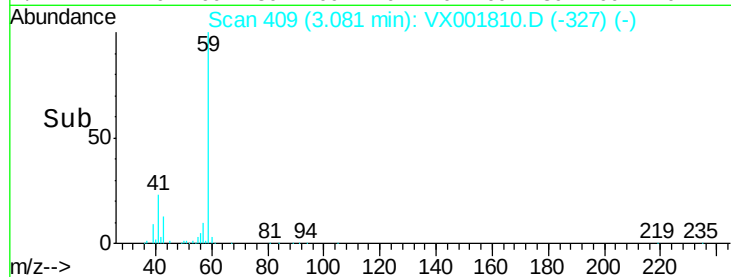
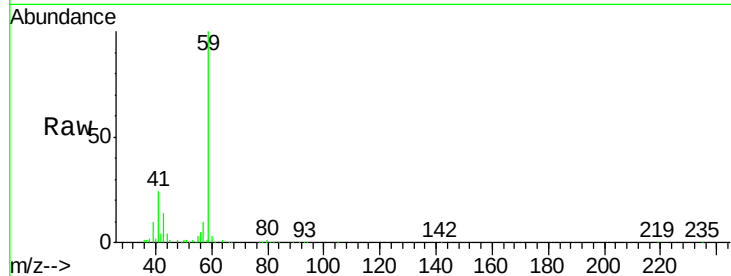
tert-Butyl Alcohol
 Concen: 109.56 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VX001810.D
 Acq: 18 May 2018 06:01

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051818

Tot Ion: 59 Resp: 87161
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.1 0.1#

Manual Integrations
 APPROVED

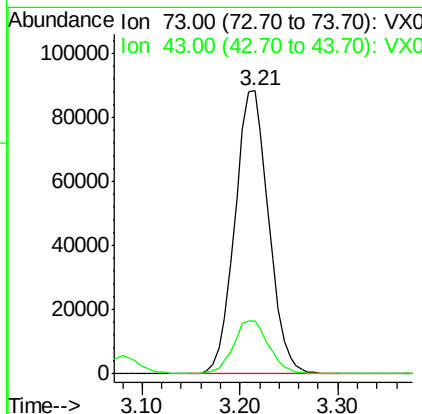
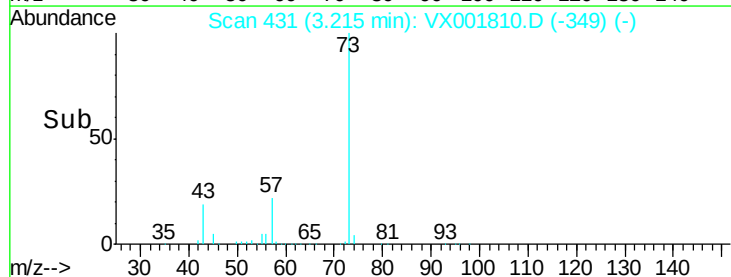
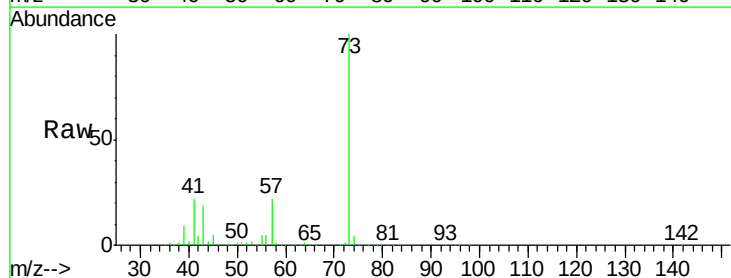
MMDadoda
 5/21/2018 2:40:35 PM

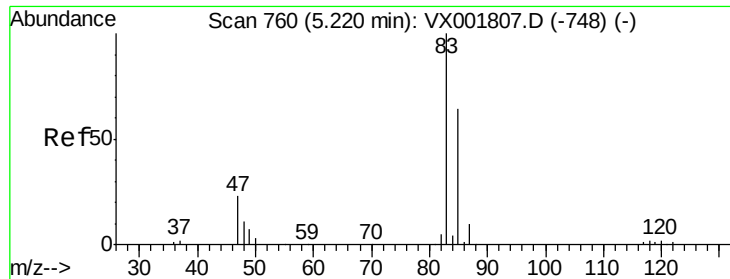


#24

Methyl tert-Butyl Ether
 Concen: 21.49 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: VX001810.D
 Acq: 18 May 2018 06:01

Tgt Ion: 73 Resp: 211519
 Ion Ratio Lower Upper
 73 100
 43 19.0 15.2 22.8





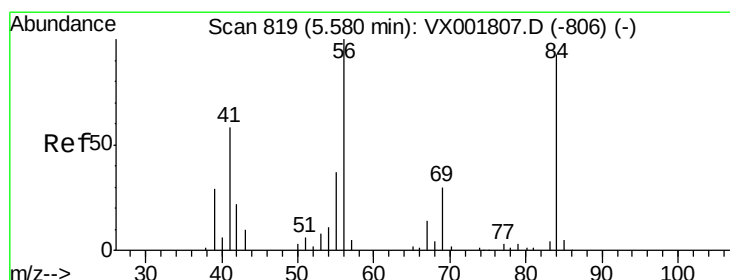
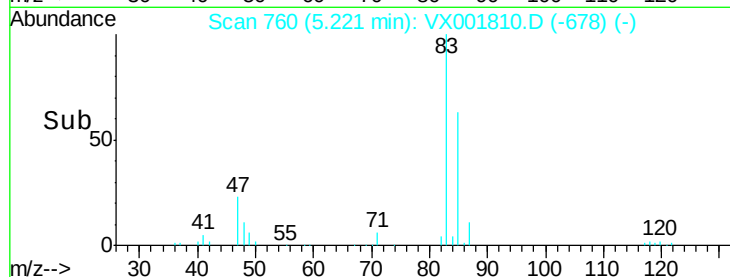
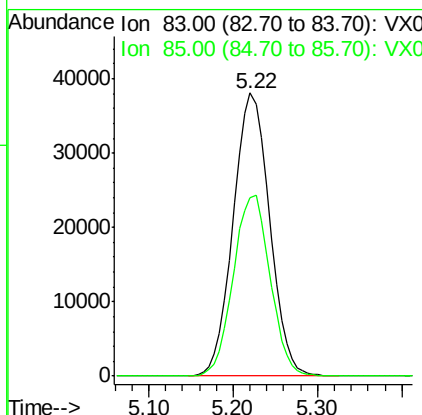
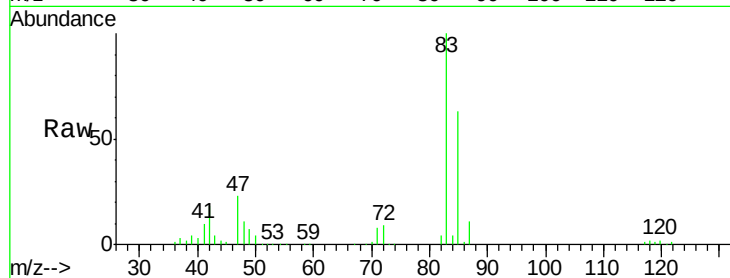
#25
Chloroform
Concen: 20.35 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001810.D
Acq: 18 May 2018 06:01

Instrument :
MSVOA_X
ClientSampled :
ICVVX051818

Tot Ion	83	Resp	111739
Ion Ratio	100	Lower	Upper
85	63.3	51.6	77.4

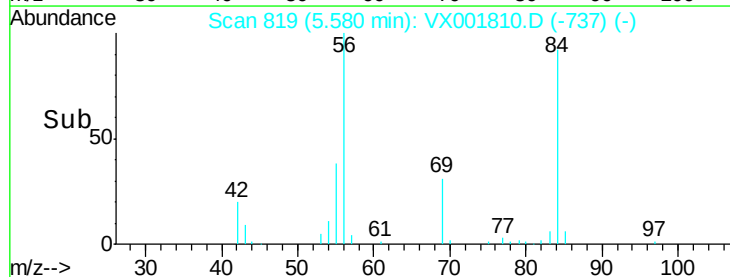
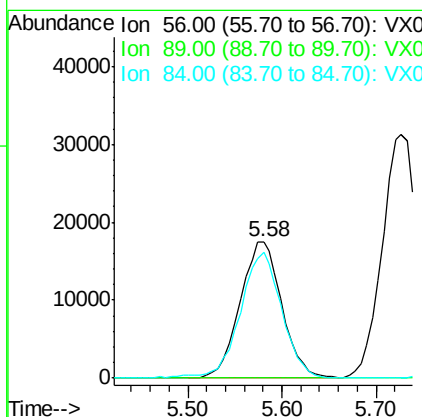
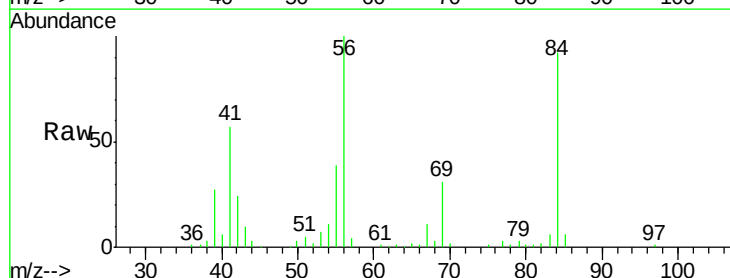
Manual Integrations
APPROVED

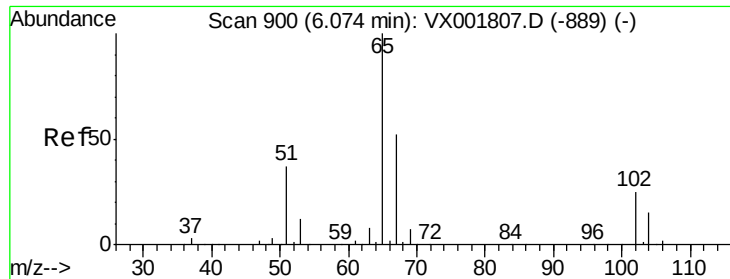
MMDadoda
5/21/2018 2:40:35 PM



#26
Cyclohexane
Concen: 19.32 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX001810.D
Acq: 18 May 2018 06:01

Tgt Ion	56	Resp	54203
Ion Ratio	100	Lower	Upper
89	0.0	0.0	0.0
84	91.0	73.8	110.8





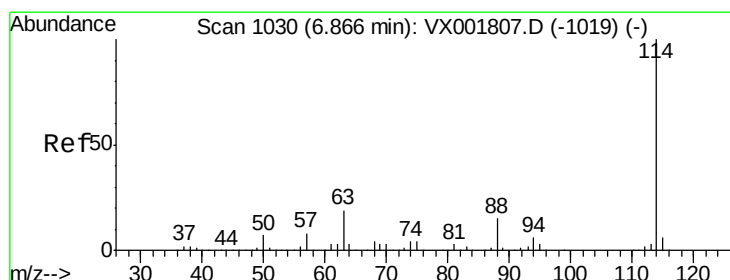
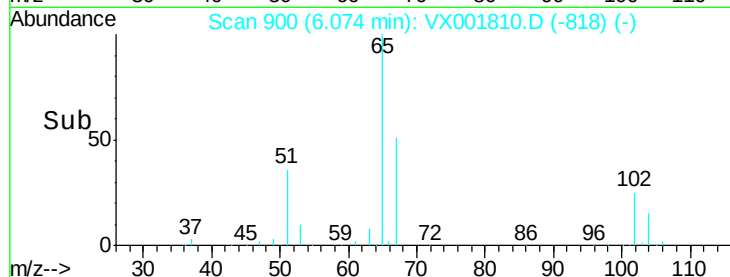
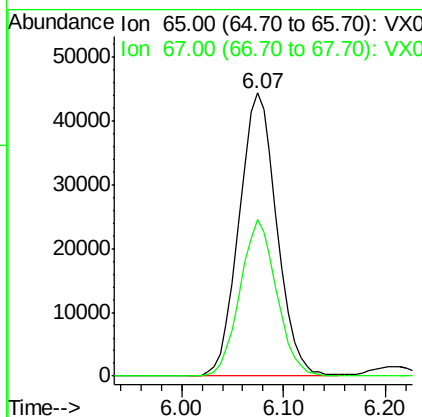
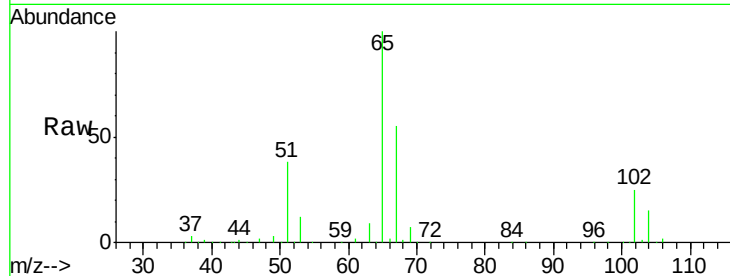
#27
 1,2-Dichloroethane-d4
 Concen: 30.11 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001810.D
 Acq: 18 May 2018 06:01

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051818

Tot Ion: 65 Resp: 114087
 Ion Ratio Lower Upper
 65 100
 67 53.5 42.1 63.1

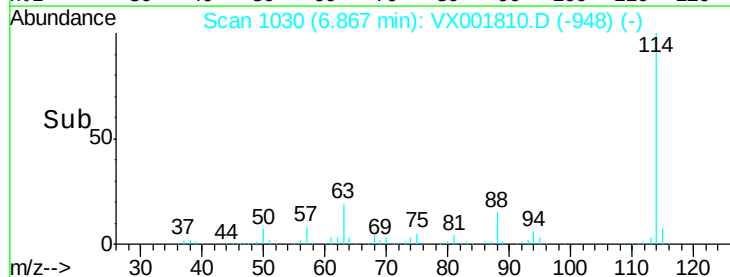
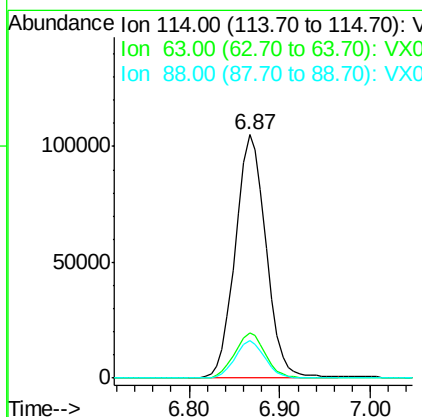
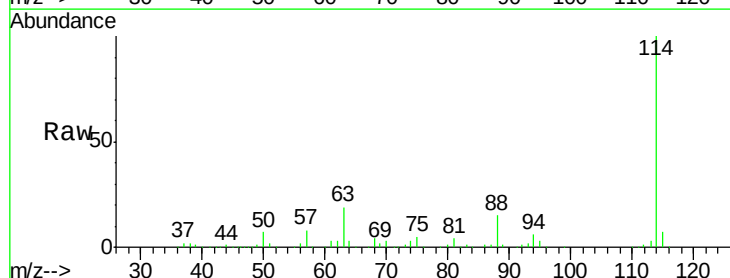
Manual Integrations
 APPROVED

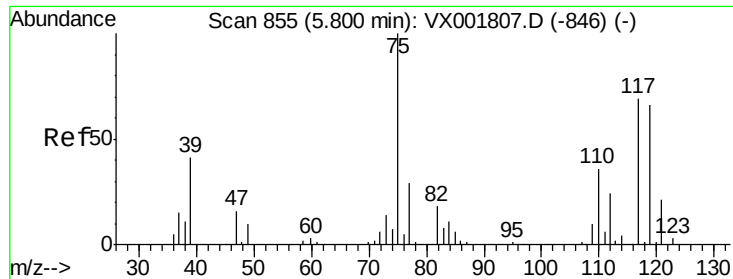
MMDadoda
 5/21/2018 2:40:35 PM



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001810.D
 Acq: 18 May 2018 06:01

Tgt Ion: 114 Resp: 247380
 Ion Ratio Lower Upper
 114 100
 63 18.6 14.9 22.3
 88 14.9 11.8 17.8





#29

1,1-Dichloropropene

Concen: 19.93 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.01 min

Lab File: VX001810.D

Acq: 18 May 2018 06:01

Instrument :

MSVOA_X

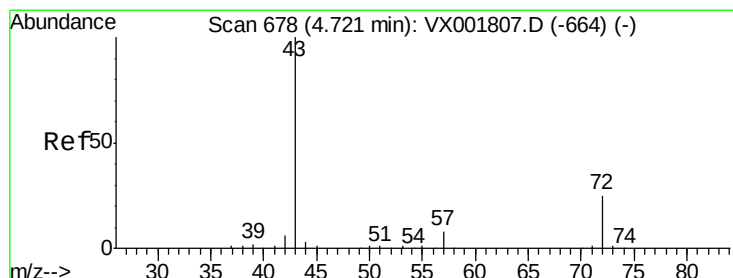
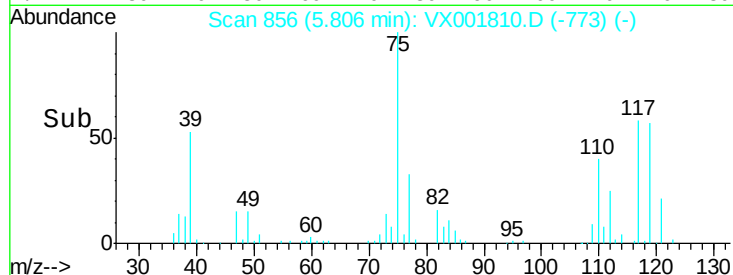
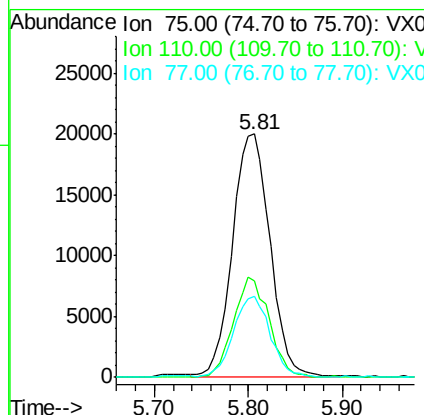
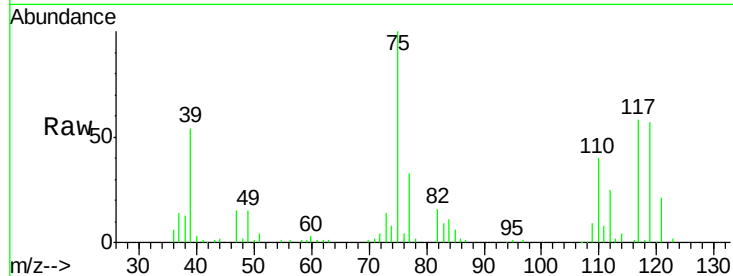
ClientSampleId :

ICVVX051818

Tot Ion:	75	Resp:	55942
Ion Ratio	Lower	Upper	
75	100		
110	38.8	0.0	75.2
77	32.5	0.0	61.6

Manual Integrations
APPROVED

MMDadoda
5/21/2018 2:40:35 PM



#30

2-Butanone

Concen: 112.90 ug/l

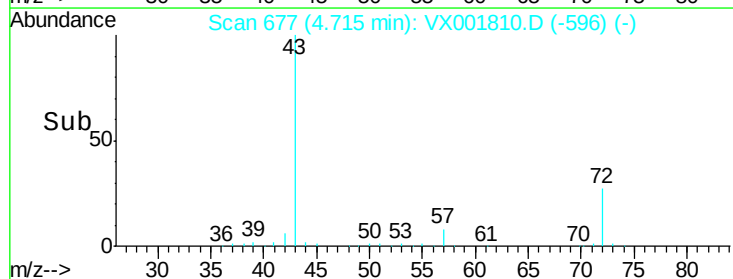
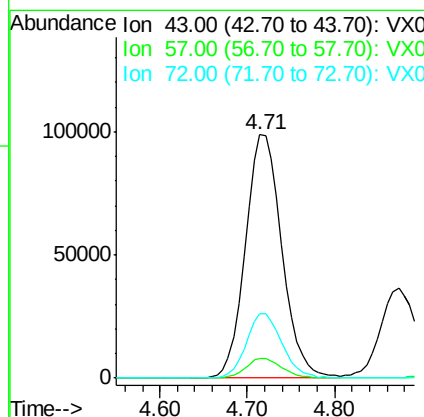
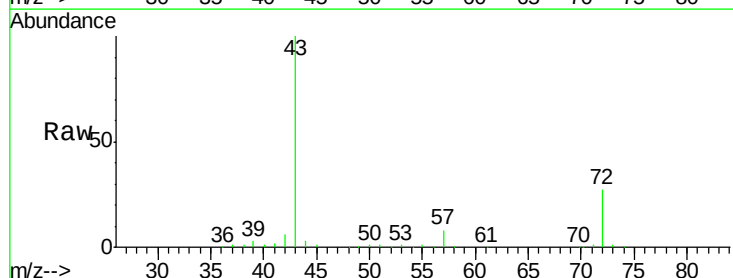
RT: 4.71 min Scan# 677

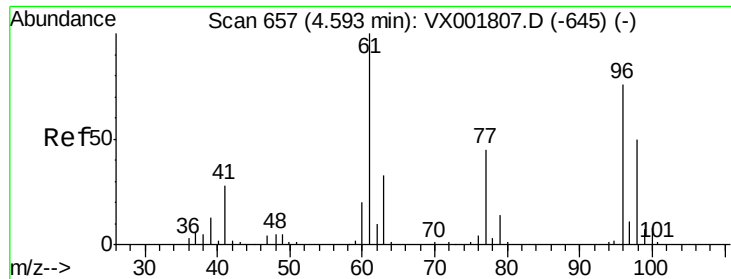
Delta R.T. -0.01 min

Lab File: VX001810.D

Acq: 18 May 2018 06:01

Tgt Ion:	43	Resp:	285726
Ion Ratio	Lower	Upper	
43	100		
57	8.0	6.4	9.6
72	25.9	20.6	30.8





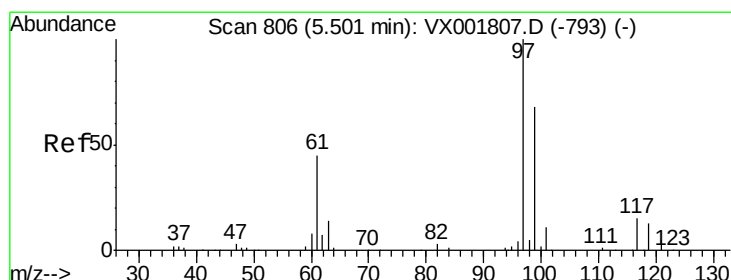
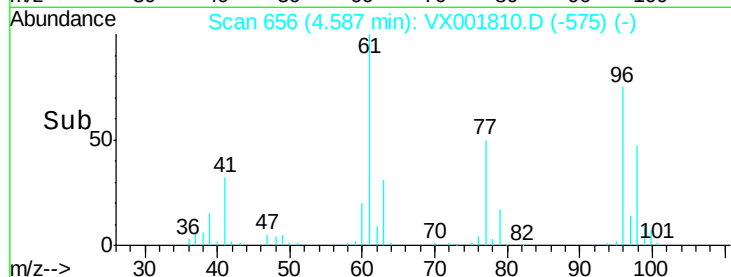
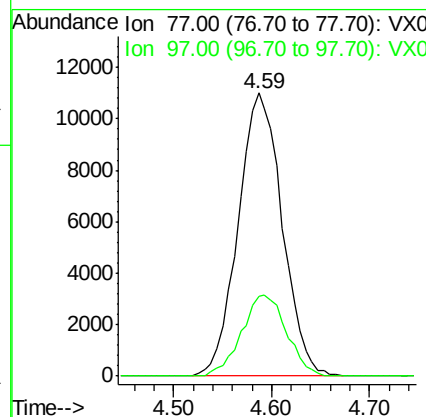
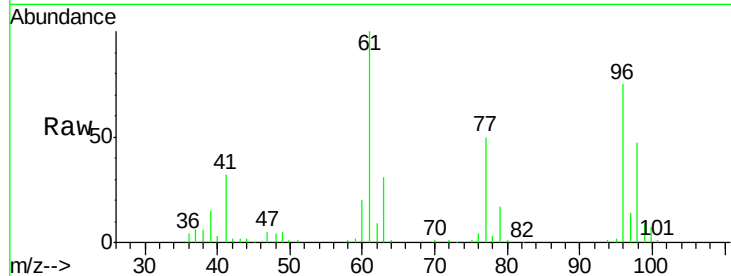
#31
 2,2-Dichloropropane
 Concen: 19.35 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: VX001810.D
 Acq: 18 May 2018 06:01

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051818

Tot Ion: 77 Resp: 34333
 Ion Ratio Lower Upper
 77 100
 97 29.2 22.3 33.5

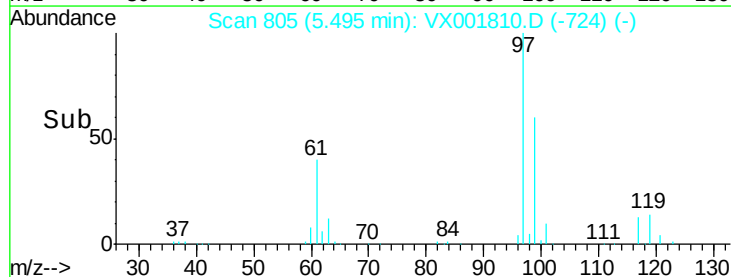
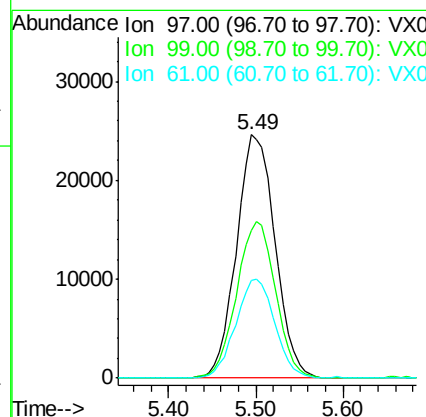
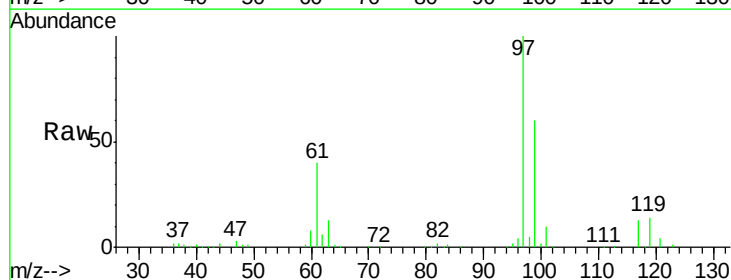
Manual Integrations
 APPROVED

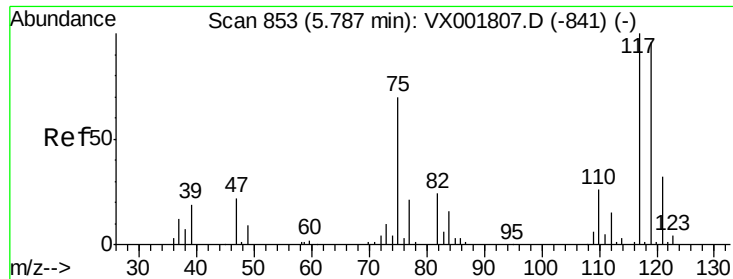
MMDadoda
 5/21/2018 2:40:35 PM



#32
 1,1,1-Trichloroethane
 Concen: 20.29 ug/l
 RT: 5.49 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX001810.D
 Acq: 18 May 2018 06:01

Tgt Ion: 97 Resp: 75474
 Ion Ratio Lower Upper
 97 100
 99 64.6 52.4 78.6
 61 41.1 34.6 51.8





#33

Carbon Tetrachloride

Concen: 19.48 ug/l

RT: 5.79 min Scan# 853

Delta R.T. 0.00 min

Lab File: VX001810.D

Acq: 18 May 2018 06:01

Instrument :

MSVOA_X

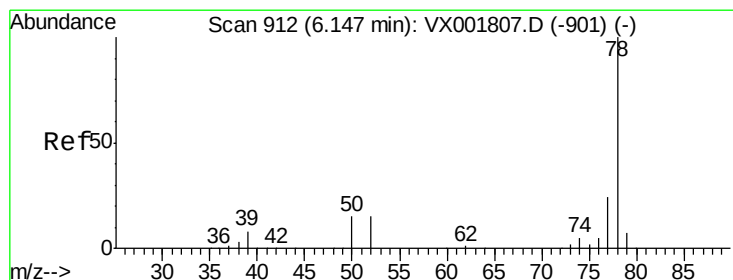
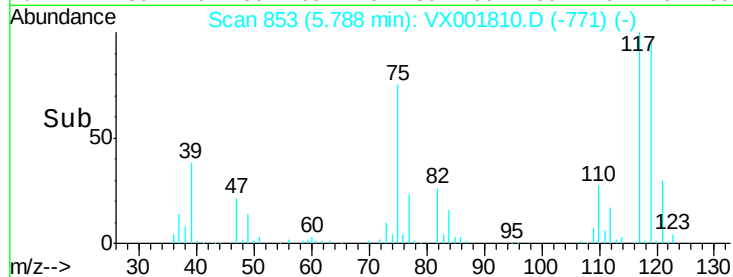
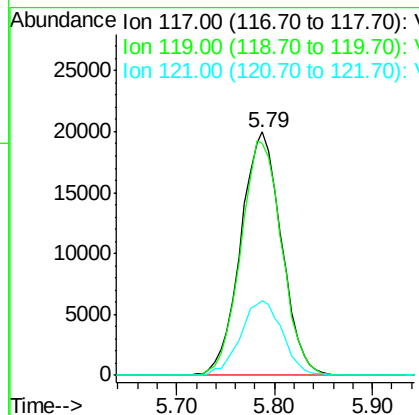
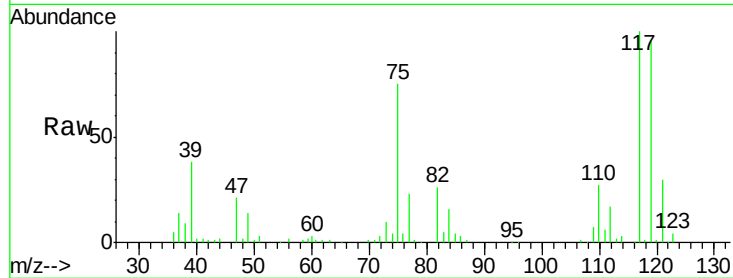
ClientSampleId :

ICVVX051818

Tot Ion:	117	Resp:	57846
Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.4	114.6
121	30.5	25.3	37.9

Manual Integrations
APPROVED

MMDadoda
5/21/2018 2:40:35 PM



#34

Benzene

Concen: 20.88 ug/l

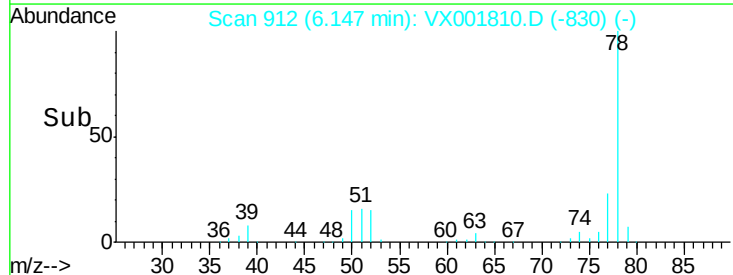
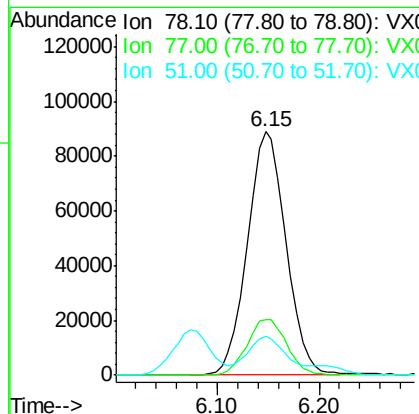
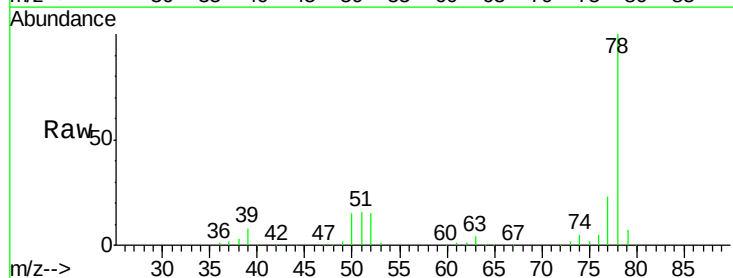
RT: 6.15 min Scan# 912

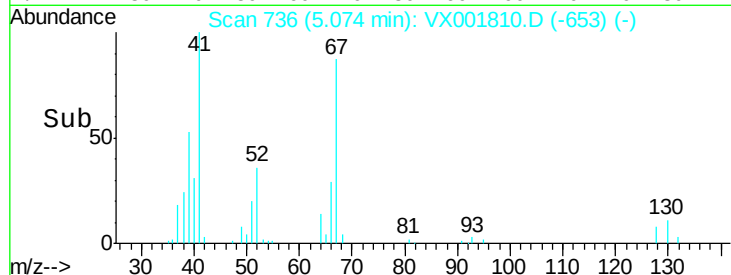
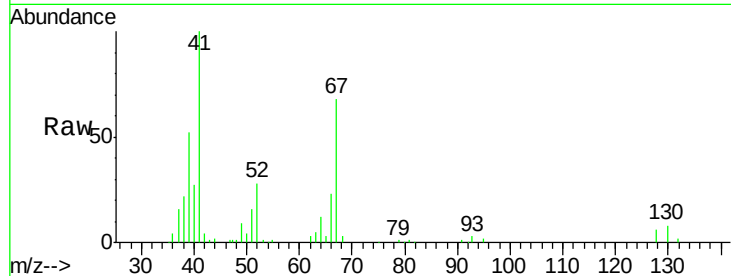
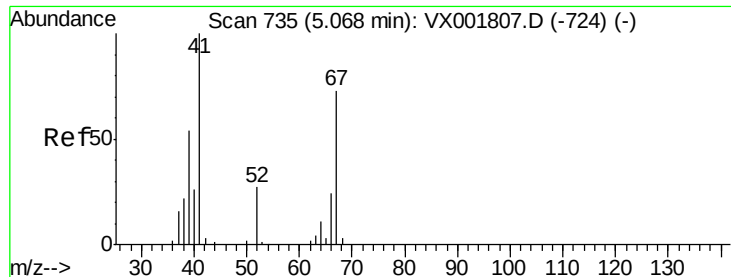
Delta R.T. 0.00 min

Lab File: VX001810.D

Acq: 18 May 2018 06:01

Tgt Ion:	78	Resp:	234058
Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.4	29.0
51	13.3	13.2	19.8





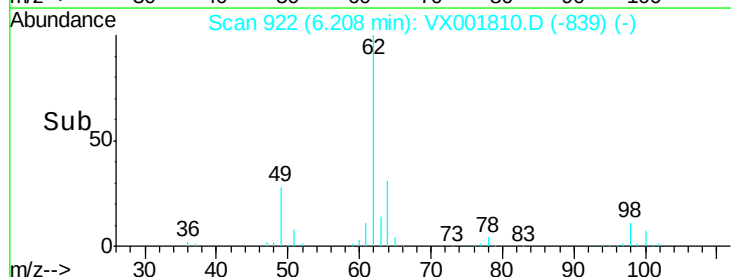
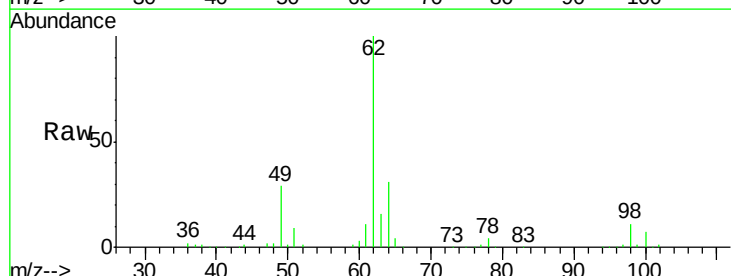
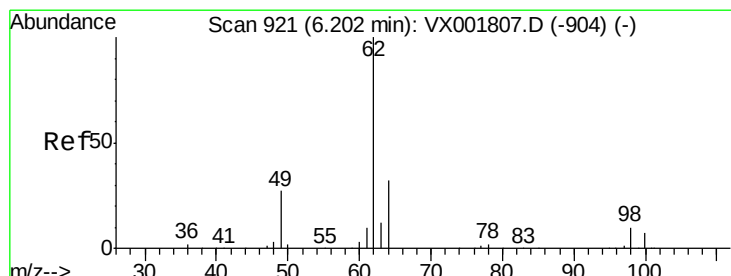
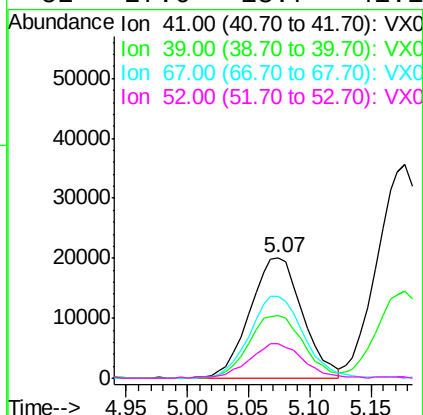
#35
Methacrylonitrile
Concen: 22.38 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001810.D
Acq: 18 May 2018 06:01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.8	26.9	80.6	
67	68.1	36.8	110.3	
52	27.6	13.7	41.1	

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051818

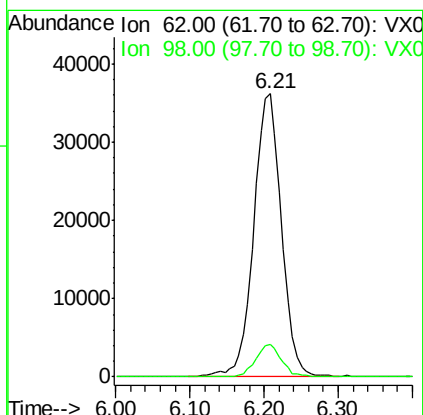
Manual Integrations
APPROVED

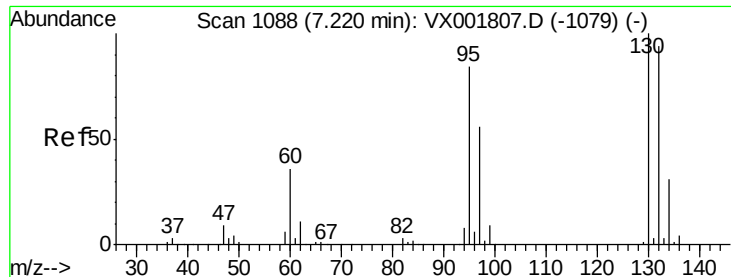
MMDadoda
5/21/2018 2:40:35 PM



#36
1,2-Dichloroethane
Concen: 21.59 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX001810.D
Acq: 18 May 2018 06:01

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.7	8.6	12.8	





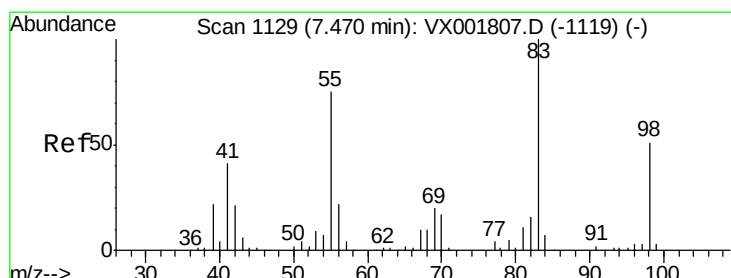
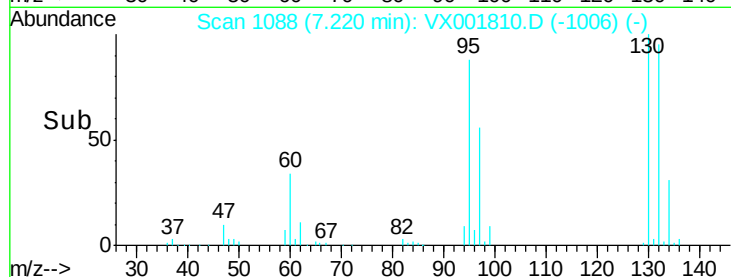
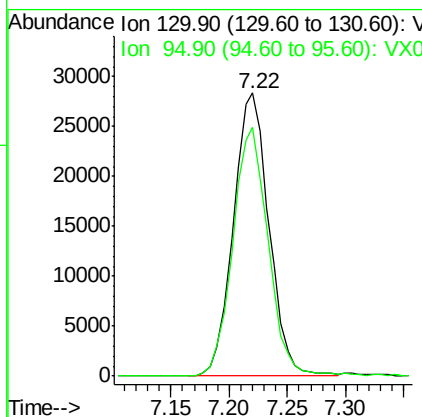
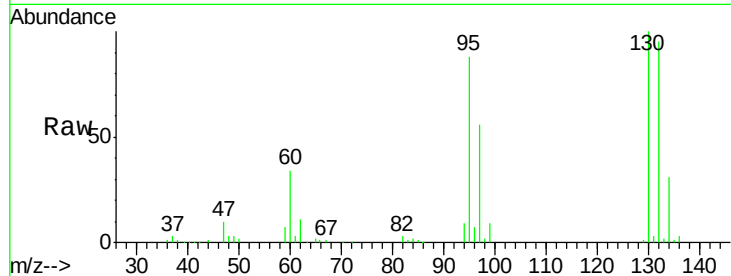
#37
 Trichloroethene
 Concen: 19.74 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001810.D
 Acq: 18 May 2018 06:01

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051818

Tot Ion:130 Resp: 60469
 Ion Ratio Lower Upper
 130 100
 95 88.1 67.1 100.7

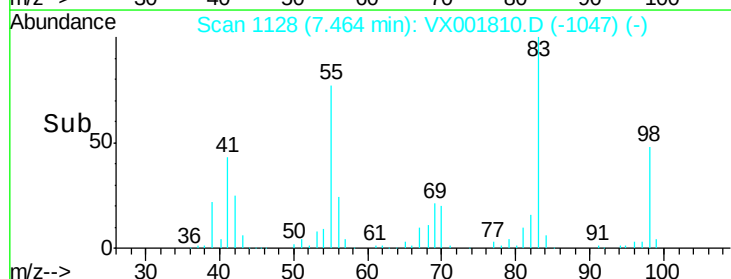
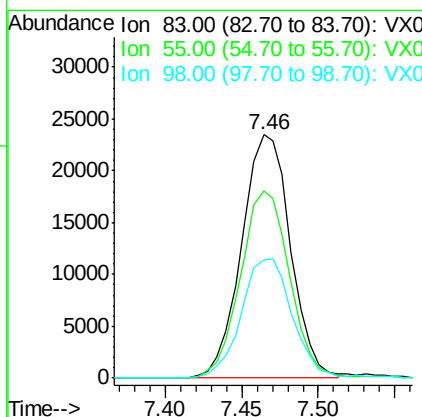
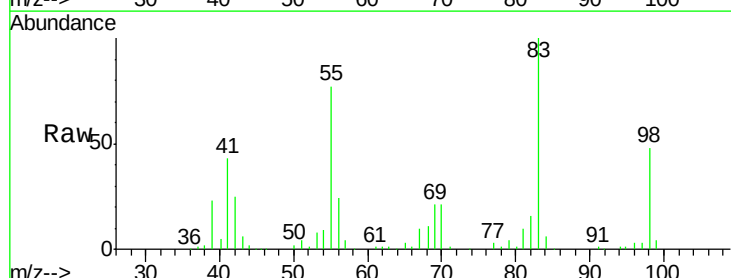
Manual Integrations
 APPROVED

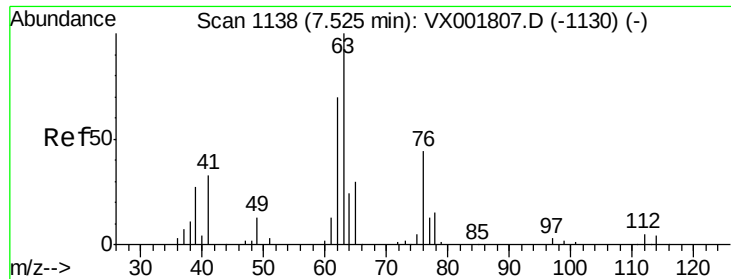
MMDadoda
 5/21/2018 2:40:35 PM



#38
 Methylcyclohexane
 Concen: 20.15 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: VX001810.D
 Acq: 18 May 2018 06:01

Tgt Ion: 83 Resp: 52144
 Ion Ratio Lower Upper
 83 100
 55 77.2 40.0 119.9
 98 51.0 25.8 77.4





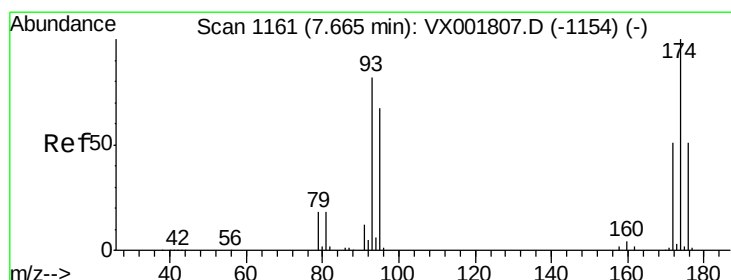
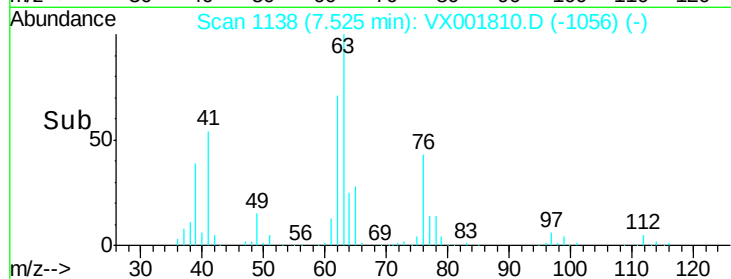
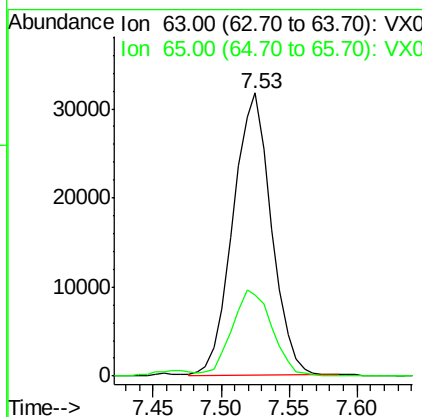
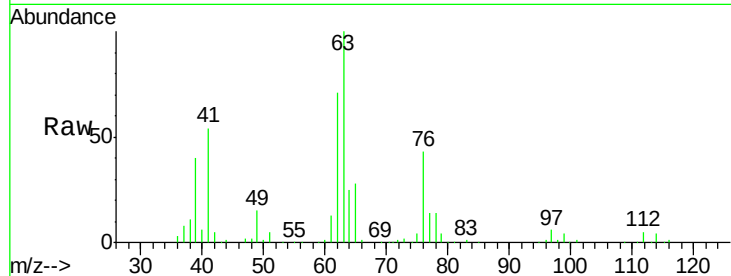
#39
 1,2-Dichloropropane
 Concen: 20.90 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001810.D
 Acq: 18 May 2018 06:01

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051818

Tot Ion: 63 Resp: 62424
 Ion Ratio Lower Upper
 63 100
 65 28.6 25.0 37.4

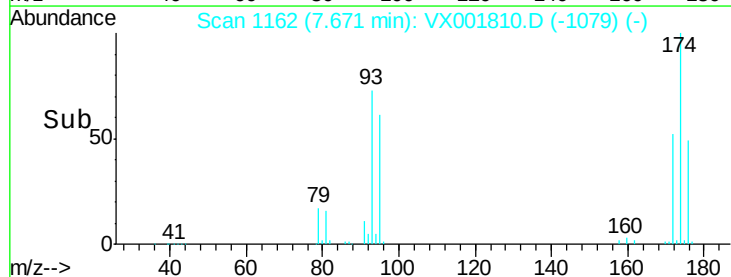
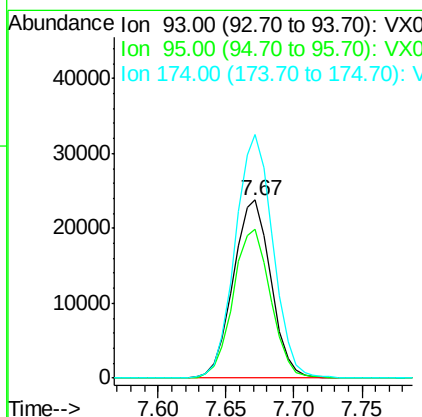
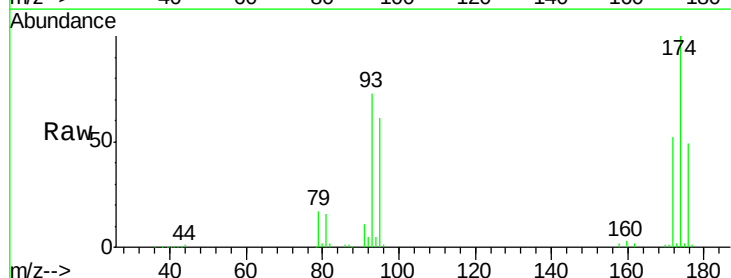
Manual Integrations
 APPROVED

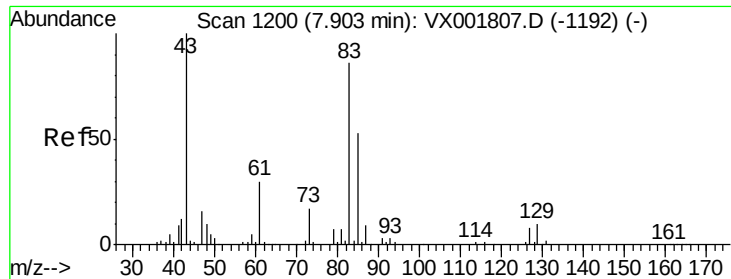
MMDadoda
 5/21/2018 2:40:35 PM



#40
 Dibromomethane
 Concen: 21.47 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: VX001810.D
 Acq: 18 May 2018 06:01

Tgt Ion: 93 Resp: 45984
 Ion Ratio Lower Upper
 93 100
 95 83.5 0.0 167.4
 174 136.9 0.0 269.6





#41

Bromodichloromethane

Concen: 21.03 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001810.D

Acq: 18 May 2018 06:01

Instrument :

MSVOA_X

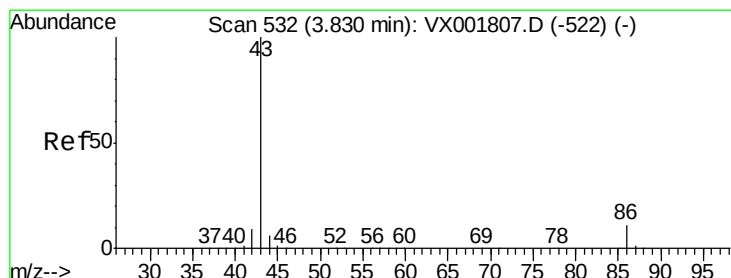
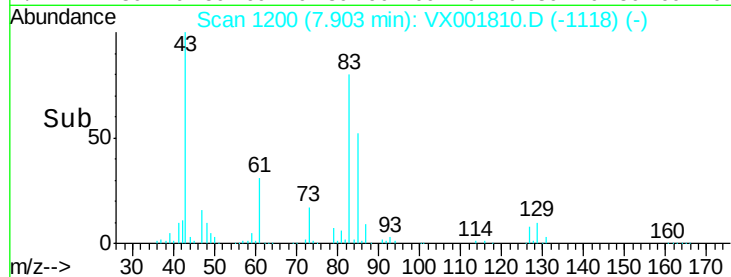
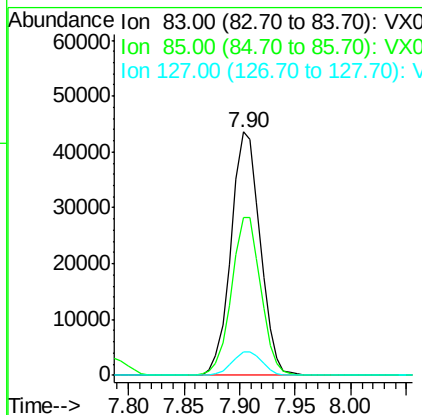
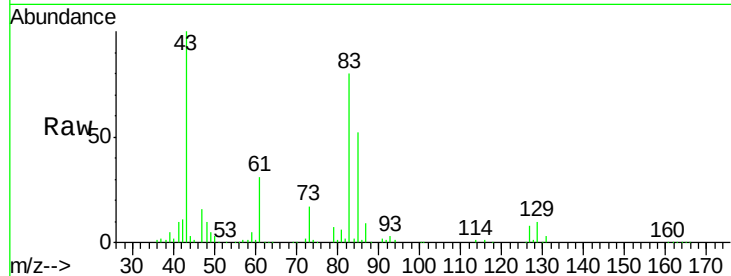
ClientSampleId :

ICVVX051818

Tot Ion:	83	Resp:	79323
Ion Ratio	Lower	Upper	
83	100		
85	65.1	49.6	74.4
127	9.7	7.0	10.6

Manual Integrations
APPROVED

MMDadoda
5/21/2018 2:40:35 PM



#42

Vinyl Acetate

Concen: 106.73 ug/l

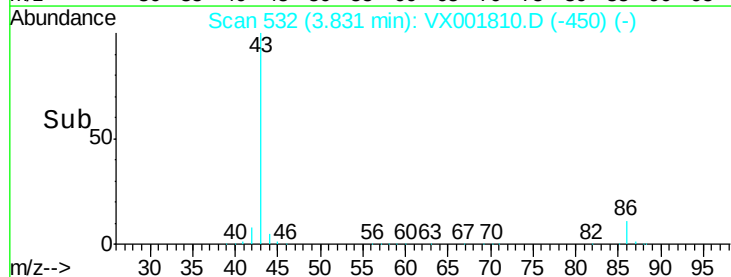
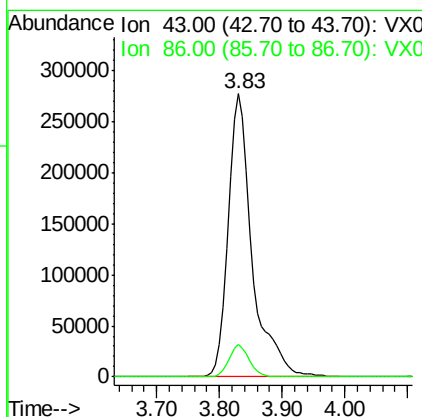
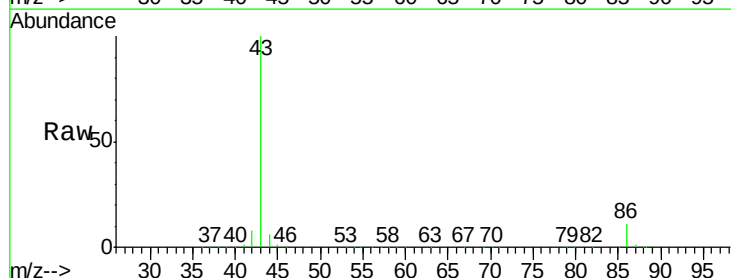
RT: 3.83 min Scan# 532

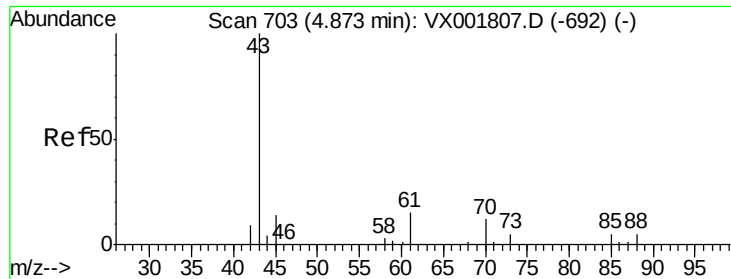
Delta R.T. 0.00 min

Lab File: VX001810.D

Acq: 18 May 2018 06:01

Tgt Ion:	43	Resp:	731956
Ion Ratio	Lower	Upper	
43	100		
86	9.6	7.5	11.3





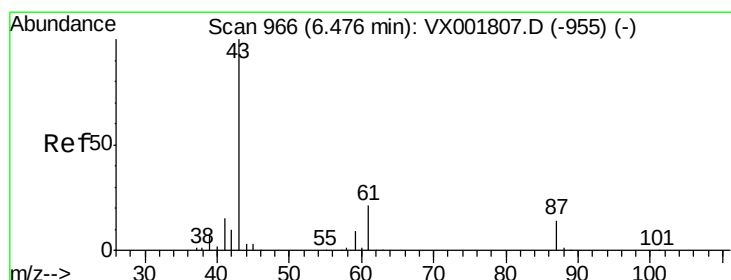
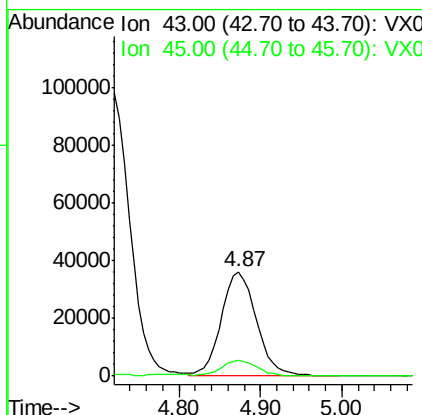
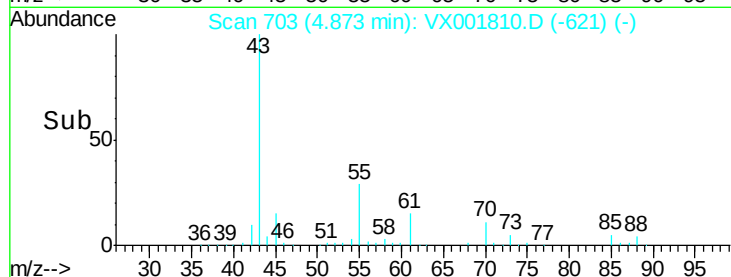
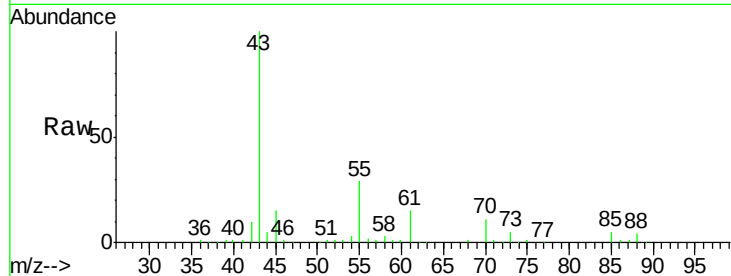
#43
Ethyl Acetate
Concen: 22.51 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX001810.D
Acq: 18 May 2018 06:01

Instrument :
MSVOA_X
ClientSampled :
ICVX051818

Tot Ion: 43 Resp: 108523
Ion Ratio Lower Upper
43 100
45 15.2 11.8 17.6

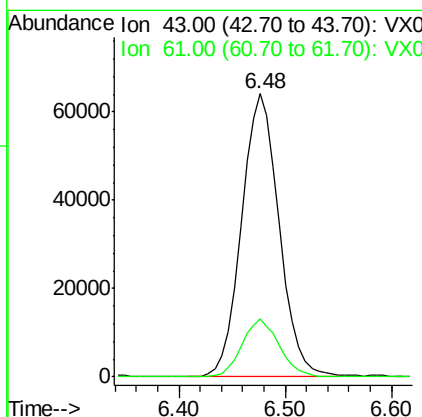
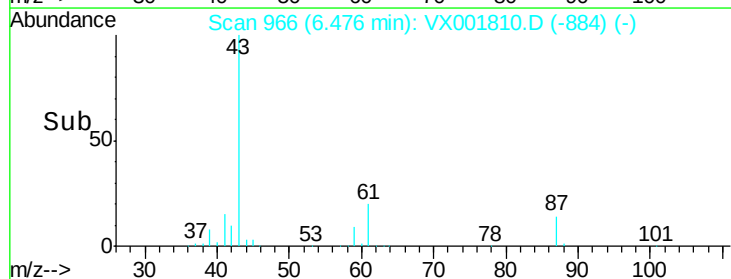
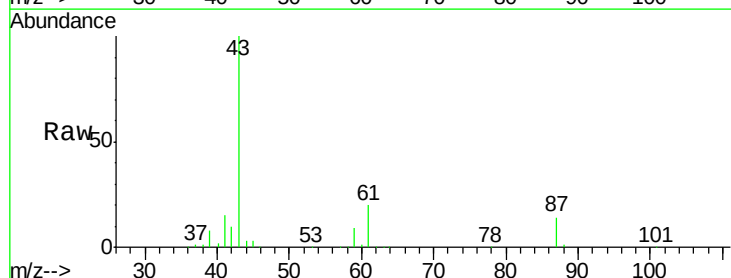
Manual Integrations
APPROVED

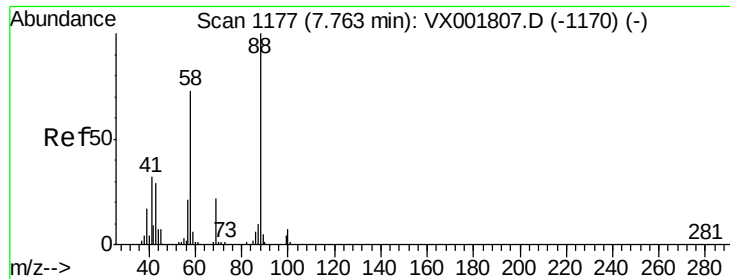
MMDadoda
5/21/2018 2:40:35 PM



#44
Isopropyl Acetate
Concen: 22.59 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX001810.D
Acq: 18 May 2018 06:01

Tgt Ion: 43 Resp: 157982
Ion Ratio Lower Upper
43 100
61 20.2 16.6 24.8





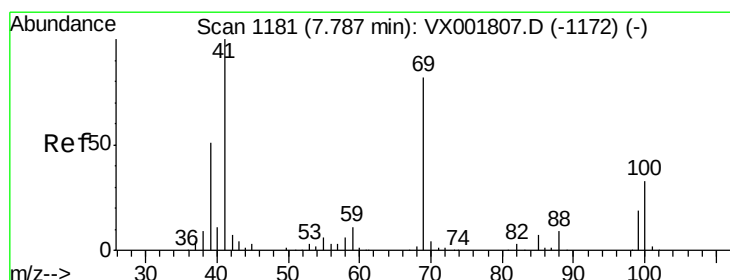
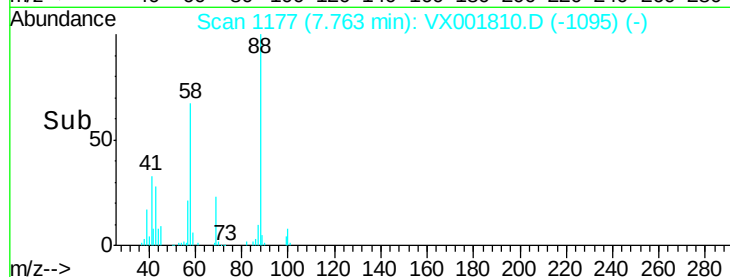
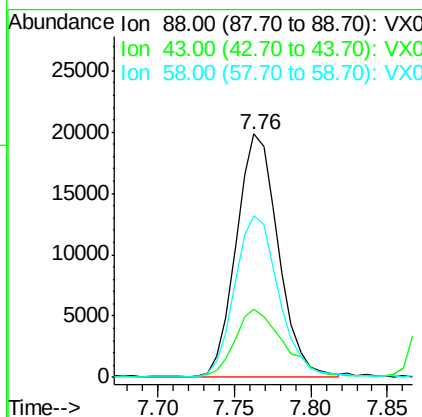
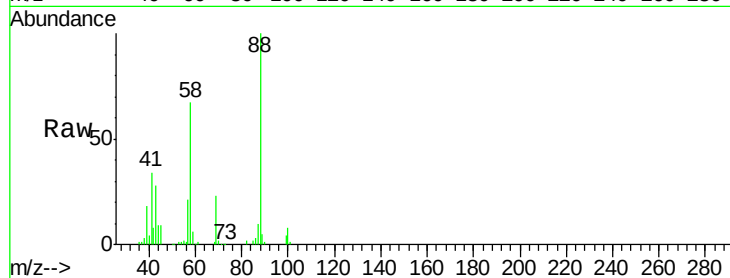
#45
 1,4-Dioxane
 Concen: 444.01 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VX001810.D
 Acq: 18 May 2018 06:01

Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX051818

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.5	25.0	37.6
58	69.7	56.9	85.3

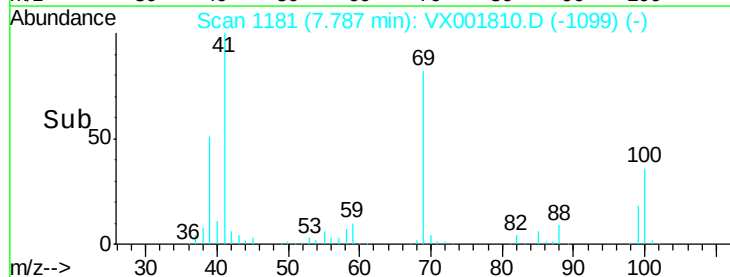
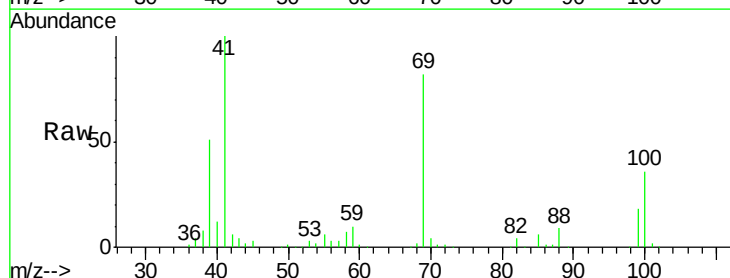
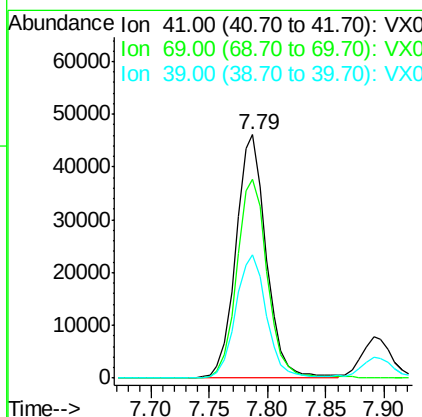
Manual Integrations
 APPROVED

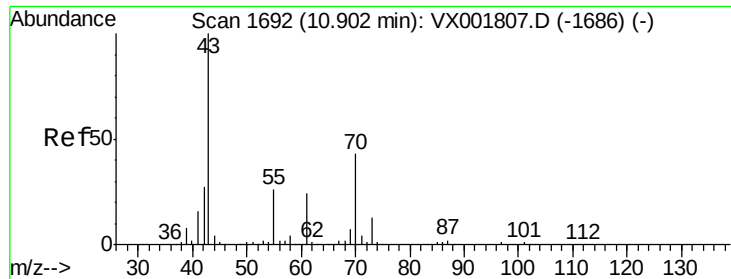
MMDadoda
 5/21/2018 2:40:35 PM



#46
 Methyl methacrylate
 Concen: 22.65 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VX001810.D
 Acq: 18 May 2018 06:01

Tgt Ion	Ratio	Lower	Upper
41	100		
69	81.9	40.9	122.7
39	50.4	25.3	75.9





#47

n-amvl Acetate

Concen: 21.67 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX001810.D

Acq: 18 May 2018 06:01

Instrument :

MSVOA_X

ClientSampleId :

ICVVX051818

Tot Ion: 43 Resp: 104908

Ion Ratio Lower Upper

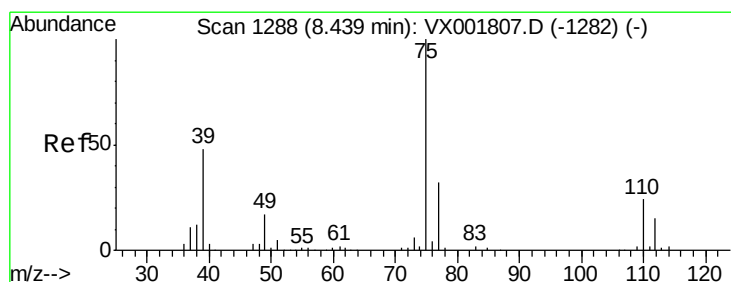
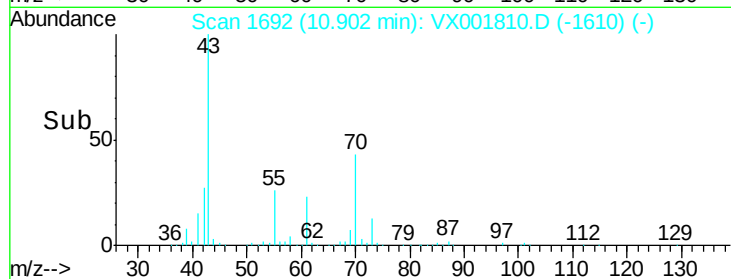
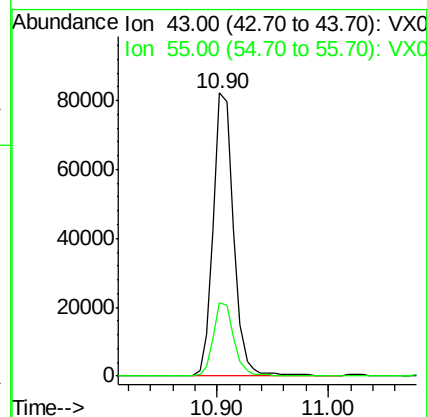
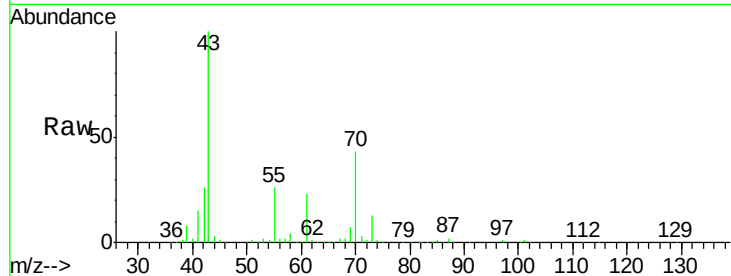
43 100

55 25.8 21.0 31.4

Manual Integrations
APPROVED

MMDadoda

5/21/2018 2:40:35 PM



#48

t-1,3-Dichloropropene

Concen: 21.36 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.01 min

Lab File: VX001810.D

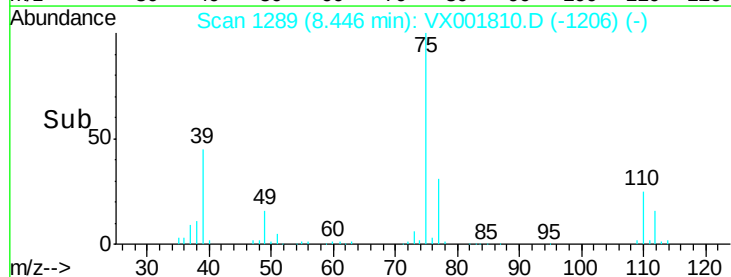
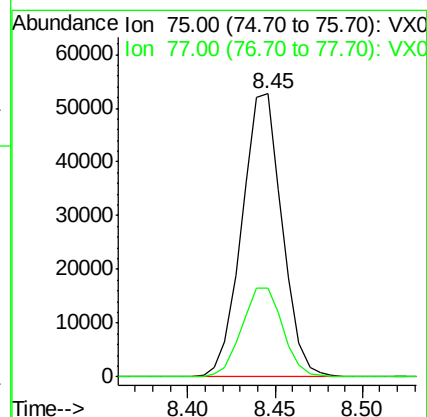
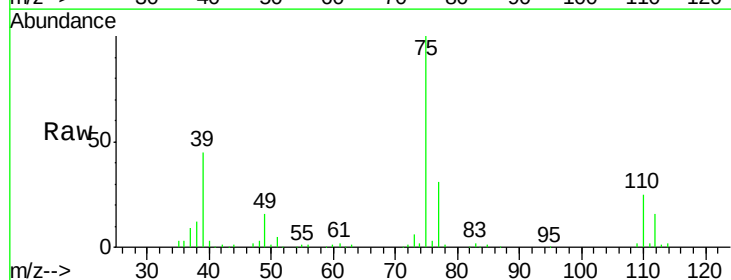
Acq: 18 May 2018 06:01

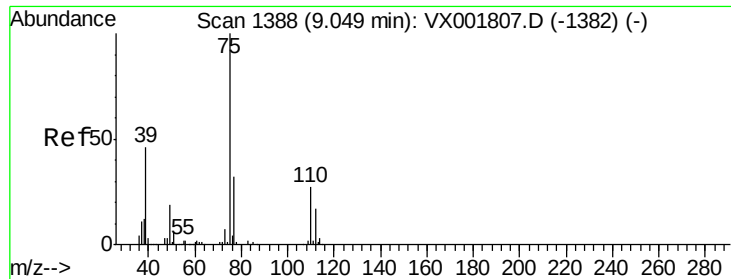
Tgt Ion: 75 Resp: 84749

Ion Ratio Lower Upper

75 100

77 31.3 25.6 38.4





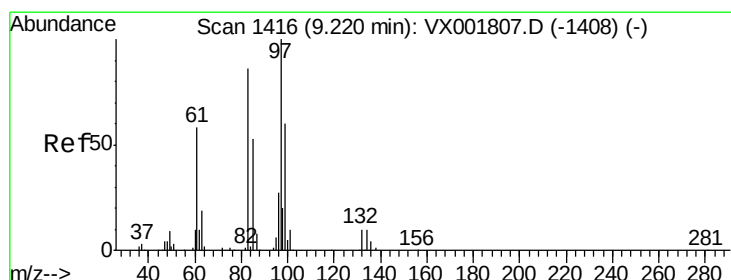
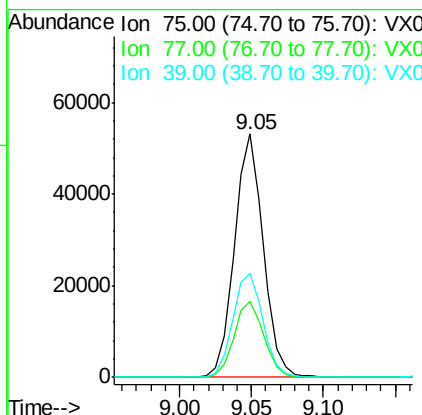
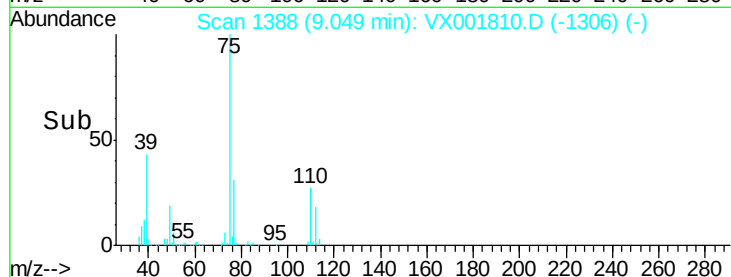
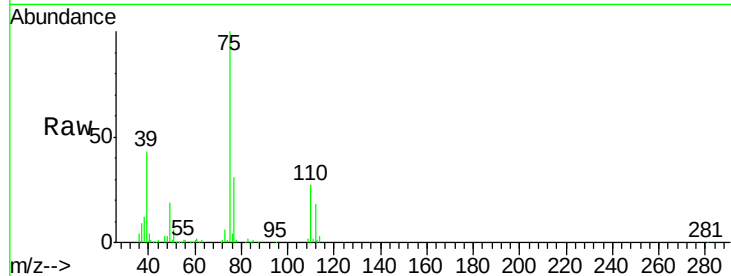
#49
 cis-1,3-Dichloropropene
 Concen: 21.34 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX001810.D
 Acq: 18 May 2018 06:01

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051818

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.5	38.3
39	42.7	37.0	55.4

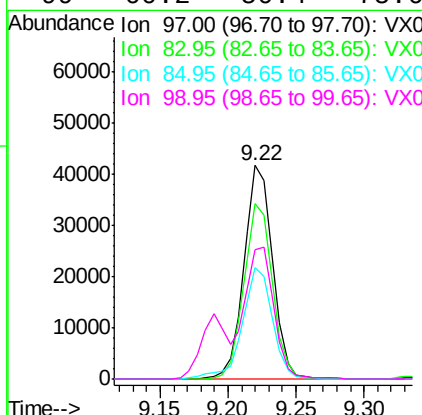
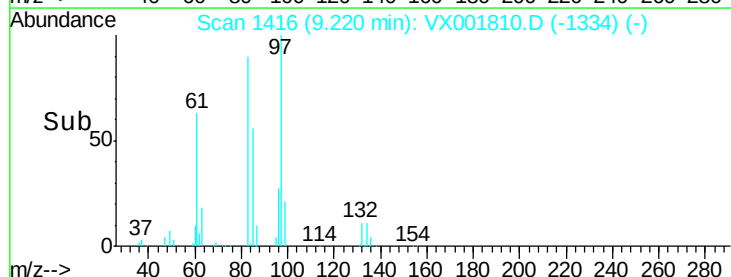
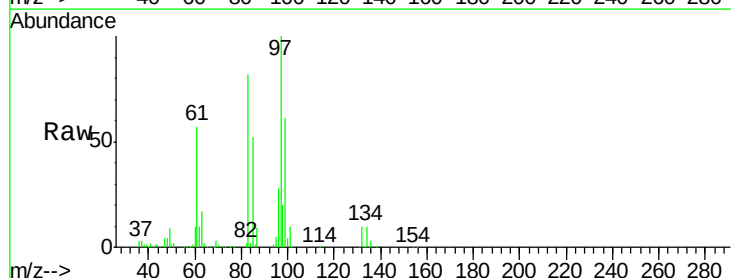
Manual Integrations
 APPROVED

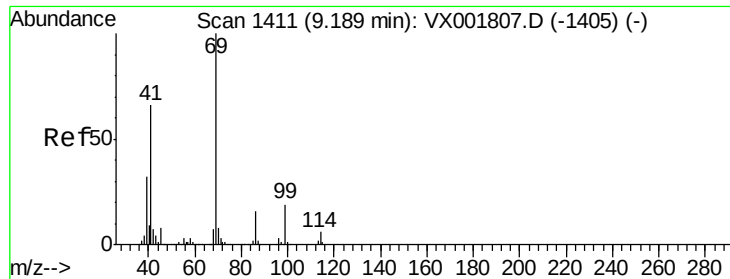
MMDadoda
 5/21/2018 2:40:35 PM



#50
 1,1,2-Trichloroethane
 Concen: 20.95 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001810.D
 Acq: 18 May 2018 06:01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.1	68.6	103.0
85	51.9	42.5	63.7
99	60.2	50.4	75.6





#51

Ethyl methacrylate

Concen: 21.87 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX001810.D

Acq: 18 May 2018 06:01

Instrument :

MSVOA_X

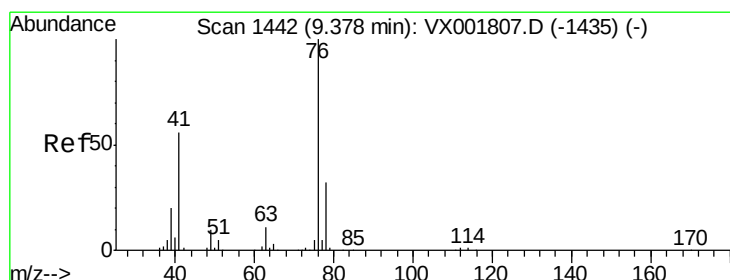
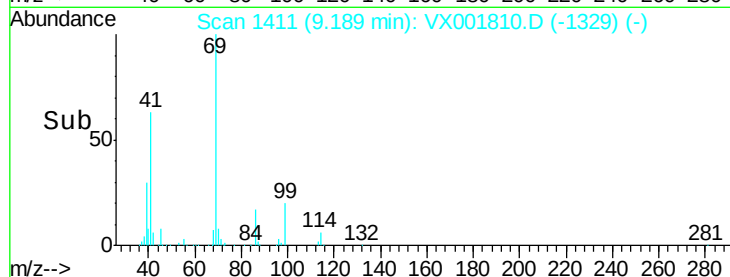
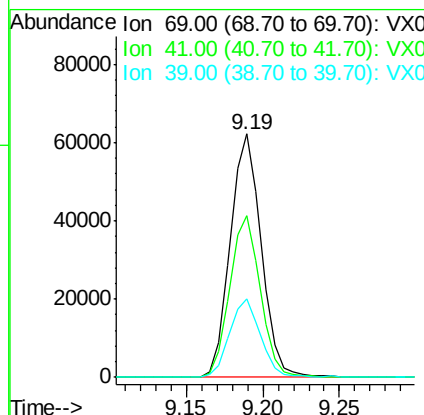
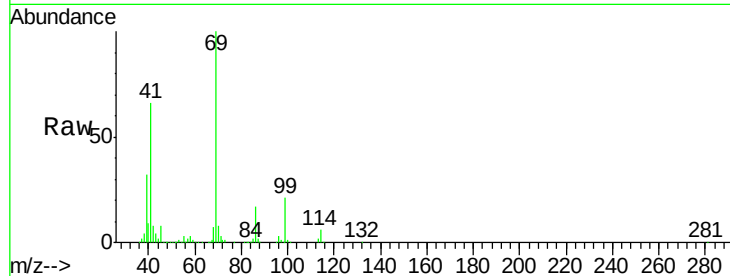
ClientSampleId :

ICVVX051818

Tot Ion:	69	Resp:	87418
Ion	Ratio	Lower	Upper
69	100		
41	66.3	32.9	98.7
39	32.1	16.1	48.2

Manual Integrations
APPROVED

MMDadoda
5/21/2018 2:40:35 PM



#52

1,3-Dichloropropane

Concen: 21.28 ug/l

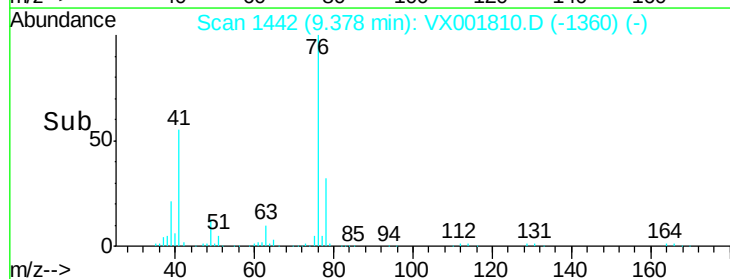
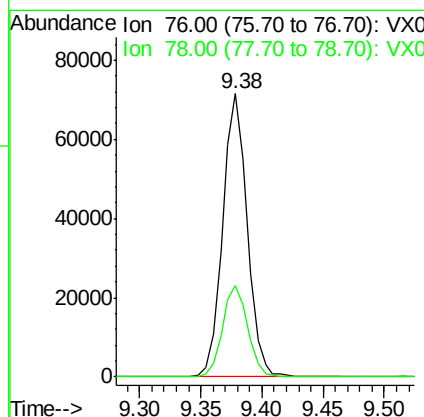
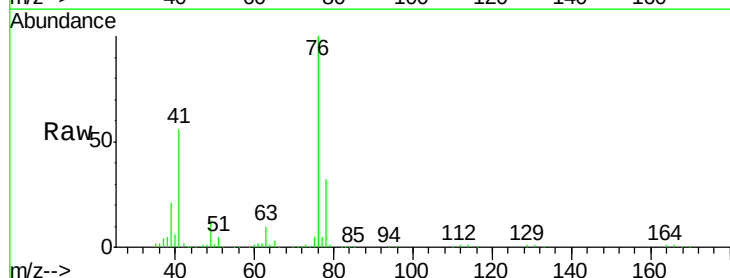
RT: 9.38 min Scan# 1442

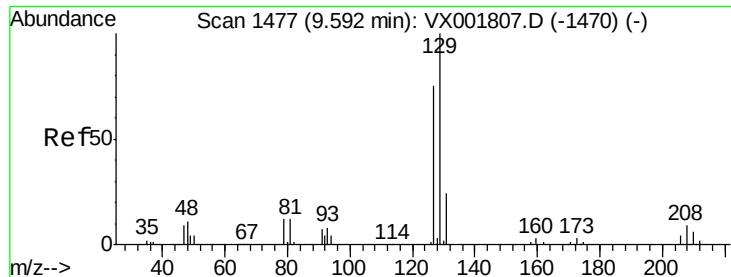
Delta R.T. 0.00 min

Lab File: VX001810.D

Acq: 18 May 2018 06:01

Tgt Ion:	76	Resp:	99236
Ion	Ratio	Lower	Upper
76	100		
78	33.0	0.0	63.6





#53

Dibromochloromethane

Concen: 21.16 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. 0.00 min

Lab File: VX001810.D

Acq: 18 May 2018 06:01

Instrument :

MSVOA_X

ClientSampleId :

ICVVX051818

Tot Ion:129 Resp: 60500

Ion Ratio Lower Upper

129 100

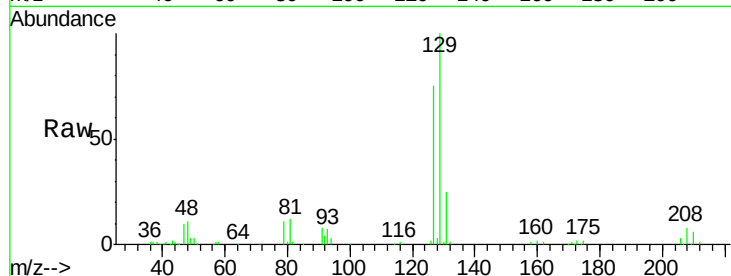
127 76.6 38.7 116.1

Manual Integrations

APPROVED

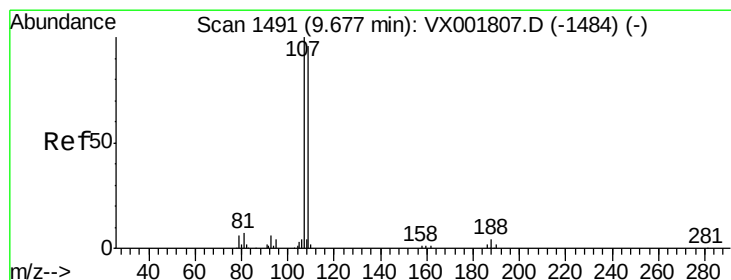
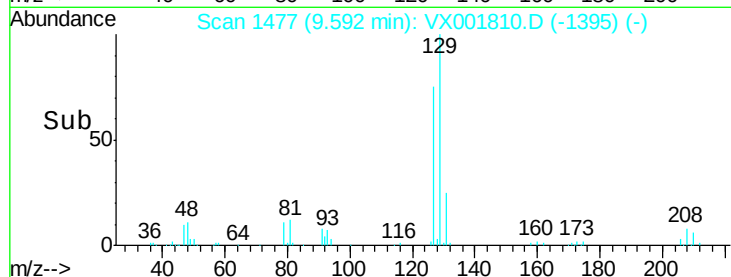
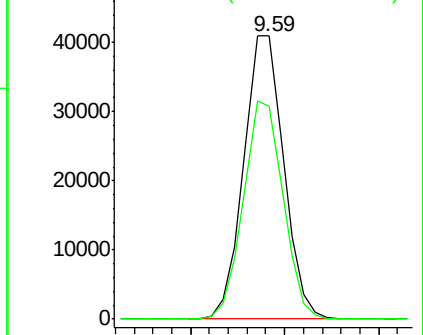
MMDadoda

5/21/2018 2:40:35 PM



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 21.36 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001810.D

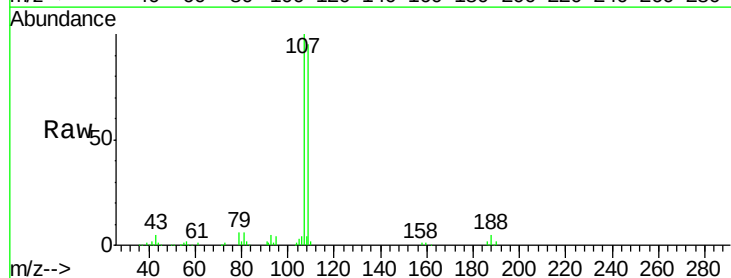
Acq: 18 May 2018 06:01

Tgt Ion:107 Resp: 63677

Ion Ratio Lower Upper

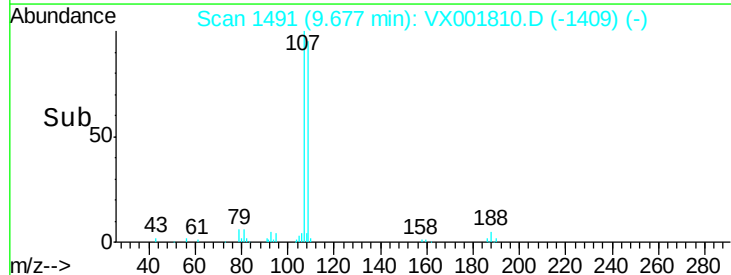
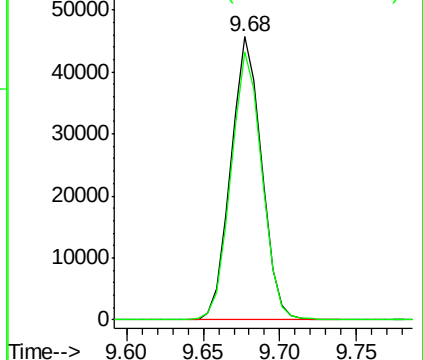
107 100

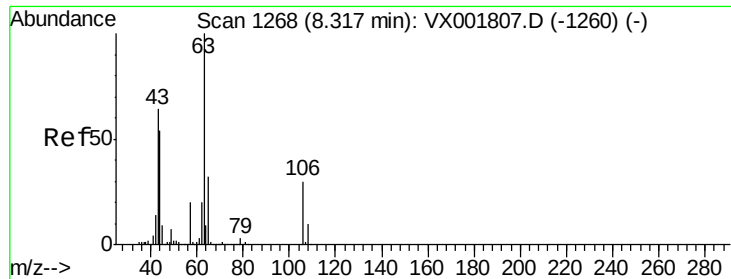
109 94.6 76.3 114.5



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





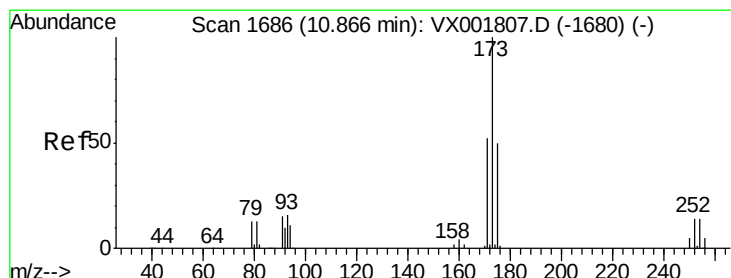
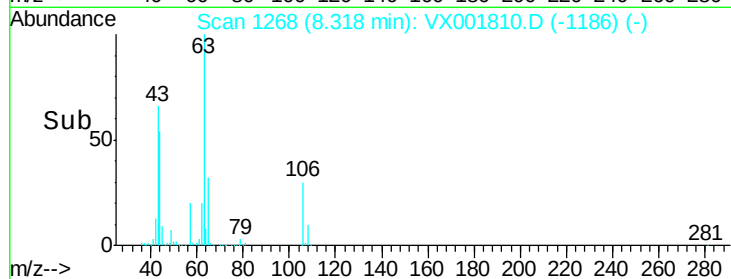
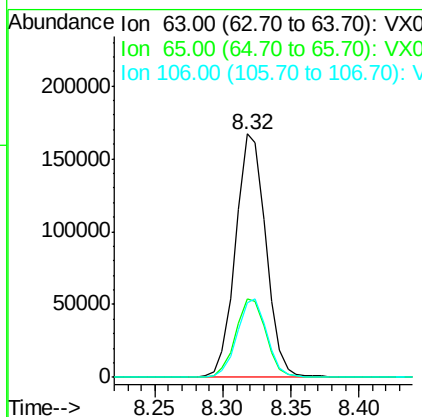
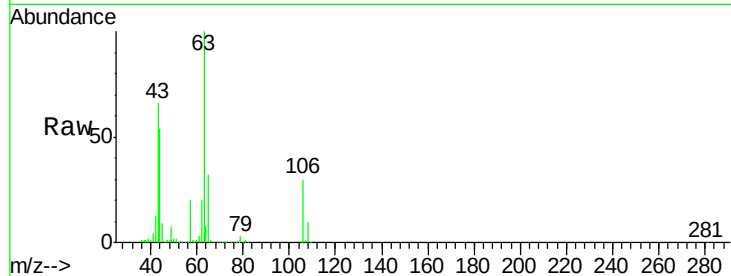
#55
 2-Chloroethyl vinyl ether
 Concen: 111.54 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX001810.D
 Acq: 18 May 2018 06:01

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051818

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.6	25.4	38.2
106	31.8	24.9	37.3

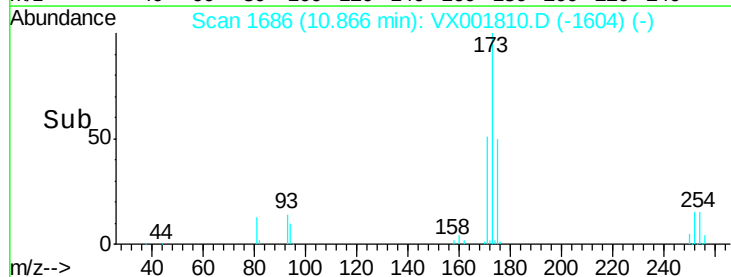
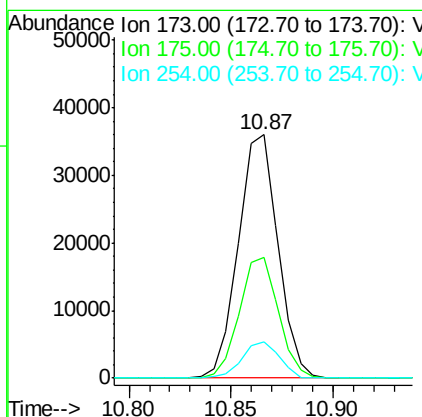
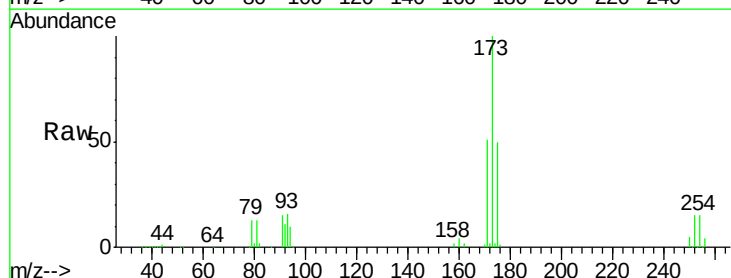
Manual Integrations
 APPROVED

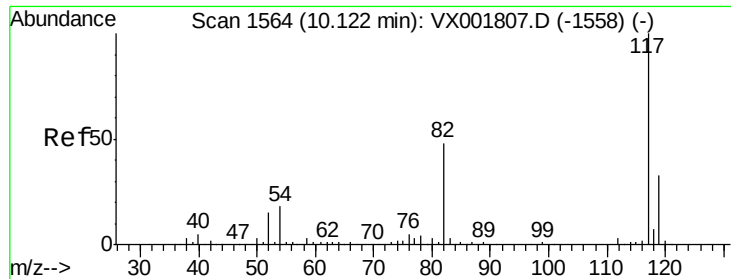
MMDadoda
 5/21/2018 2:40:35 PM



#56
 Bromoform
 Concen: 20.85 ug/l
 RT: 10.87 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: VX001810.D
 Acq: 18 May 2018 06:01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.8	38.8	58.2
254	13.9	10.7	16.1





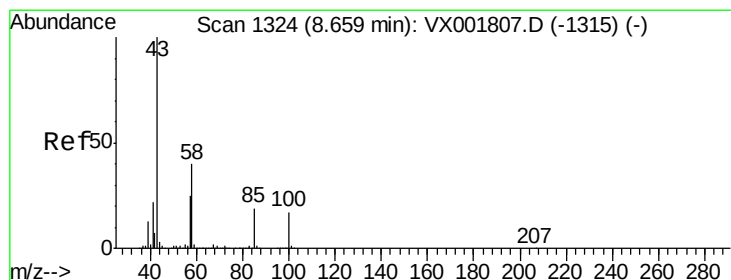
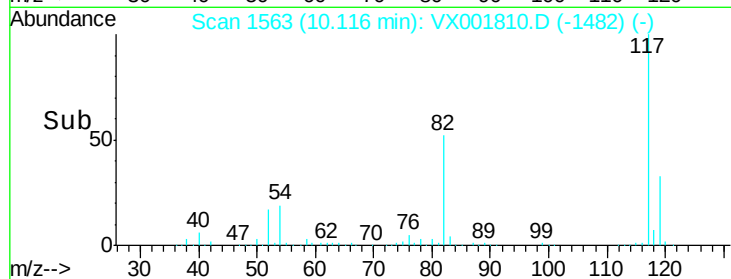
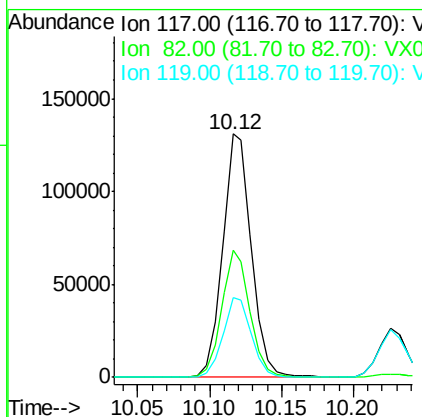
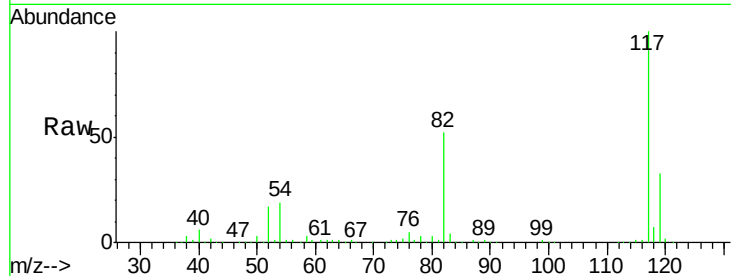
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001810.D
Acq: 18 May 2018 06:01

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051818

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.5	40.1	60.1
119	32.8	26.0	39.0

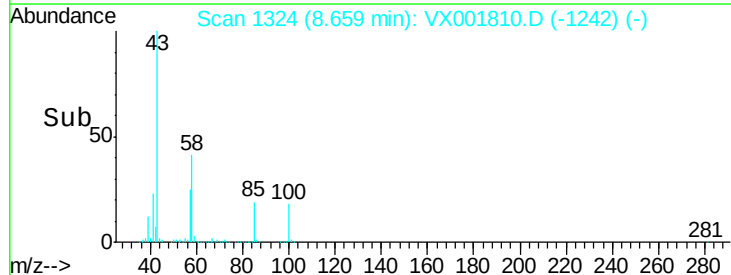
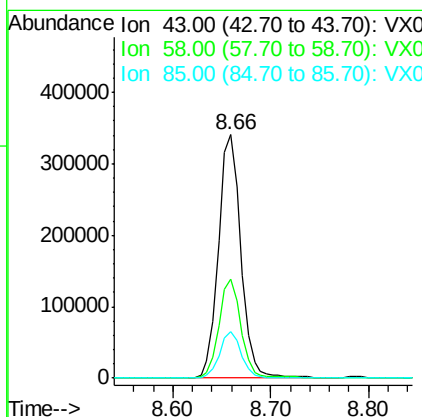
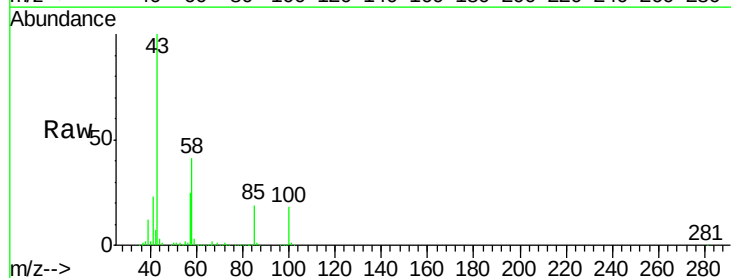
Manual Integrations
APPROVED

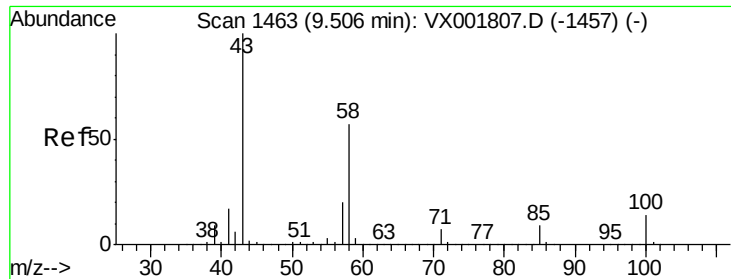
MMDadoda
5/21/2018 2:40:35 PM



#58
4-Methyl-2-Pentanone
Concen: 119.81 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX001810.D
Acq: 18 May 2018 06:01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.4	31.3	46.9
85	18.3	14.5	21.7





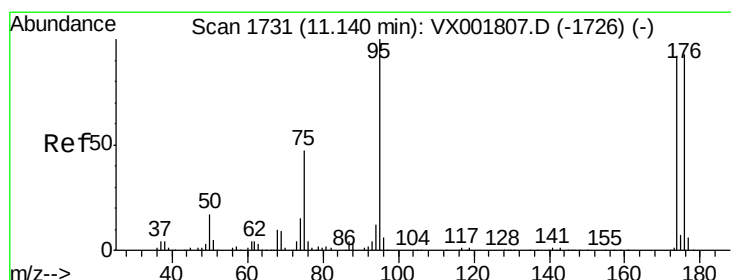
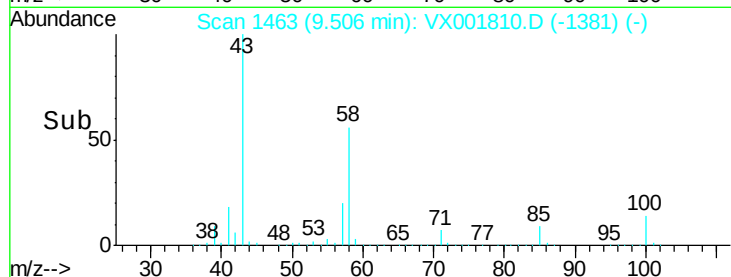
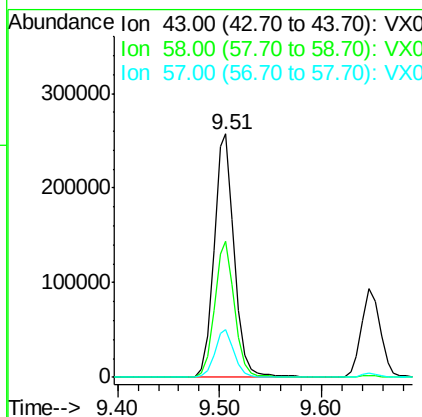
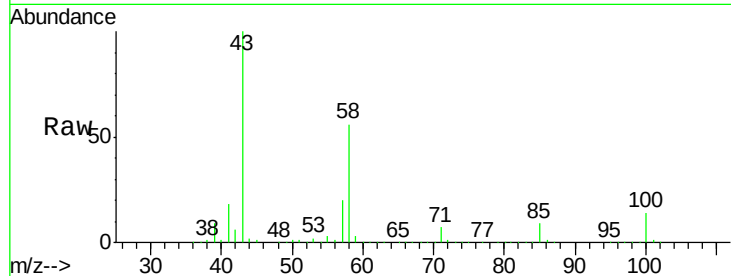
#59
2-Hexanone
Concen: 119.46 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001810.D
Acq: 18 May 2018 06:01

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051818

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
58	55.1	44.6	66.8	
57	19.0	15.5	23.3	

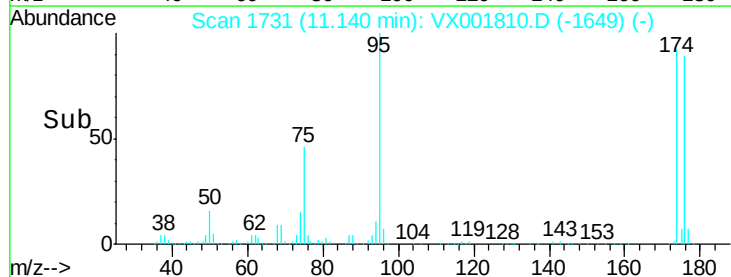
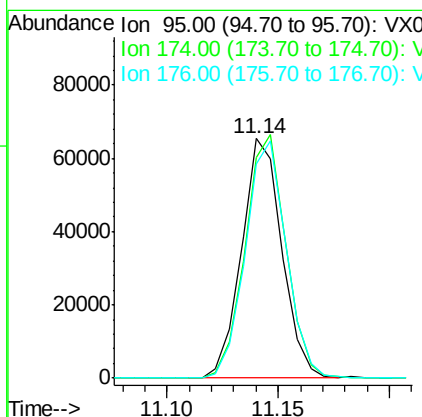
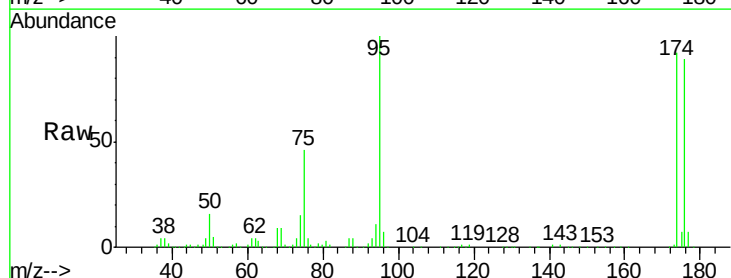
Manual Integrations
APPROVED

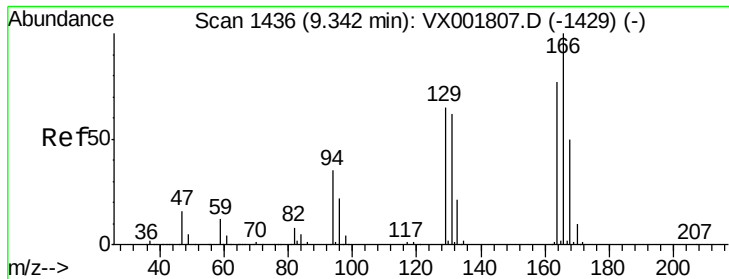
MMDadoda
5/21/2018 2:40:35 PM



#60
4-Bromofluorobenzene
Concen: 30.54 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001810.D
Acq: 18 May 2018 06:01

Tgt Ion	Ratio	Resp	Lower	Upper
95	100			
174	103.0	82.0	123.0	
176	100.2	80.6	120.8	





#61

Tetrachloroethene

Concen: 20.36 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX001810.D

Acq: 18 May 2018 06:01

Instrument :

MSVOA_X

ClientSampleId :

ICVVX051818

Tot Ion:164 Resp: 54617

Ion Ratio Lower Upper

164 100

166 133.2 104.1 156.1

129 85.5 67.8 101.8

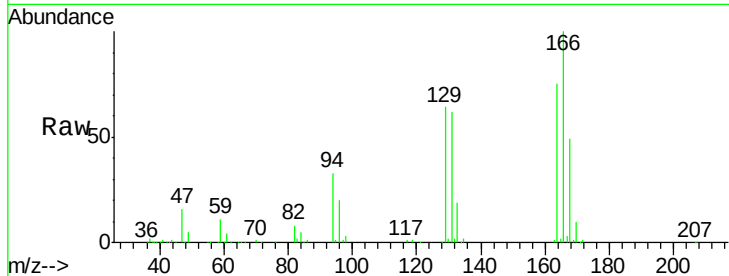
131 81.9 64.6 97.0

Manual Integrations

APPROVED

MMDadoda

5/21/2018 2:40:35 PM

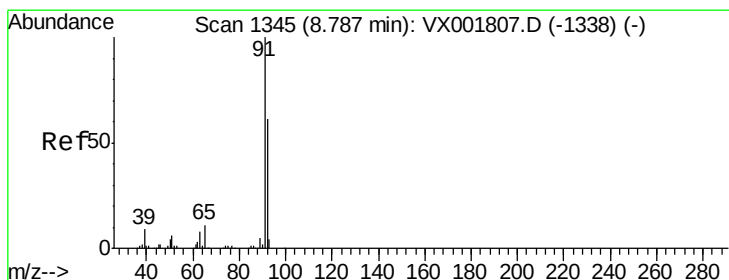
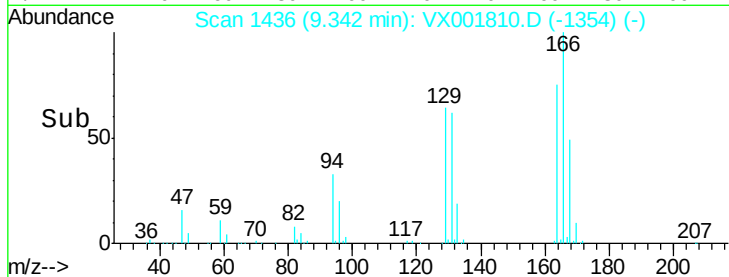
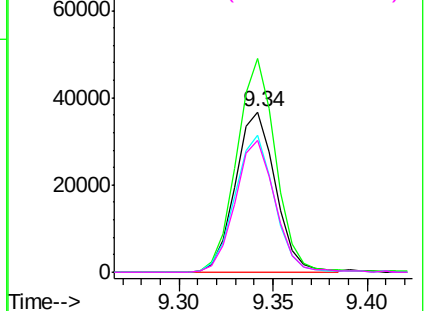


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.96 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX001810.D

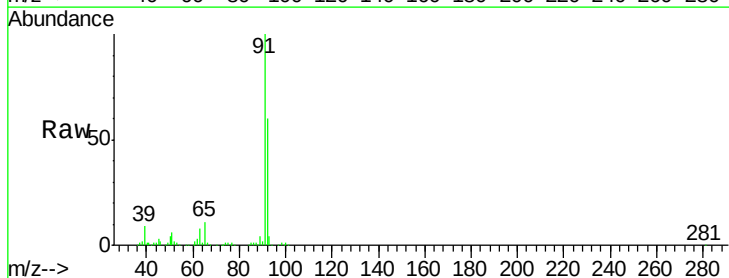
Acq: 18 May 2018 06:01

Tgt Ion: 91 Resp: 220446

Ion Ratio Lower Upper

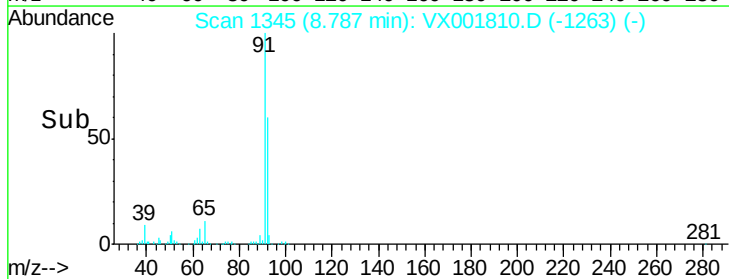
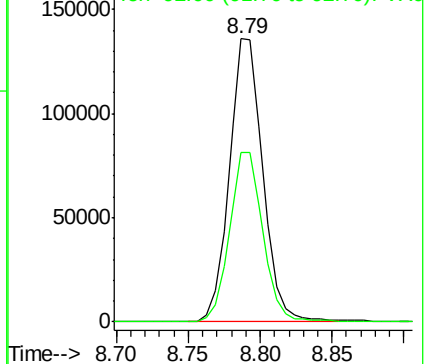
91 100

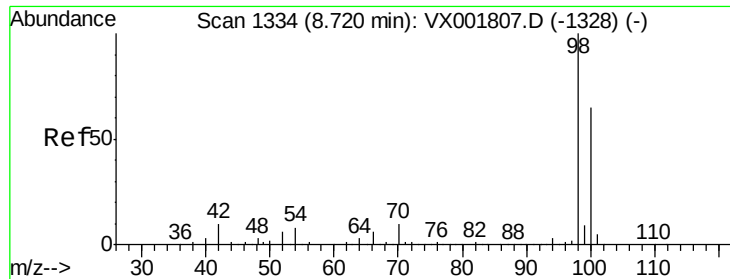
92 59.8 47.8 71.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 31.02 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001810.D

Acq: 18 May 2018 06:01

Instrument :

MSVOA_X

ClientSampleId :

ICVVX051818

Tot Ion: 98 Resp: 285574

Ion Ratio Lower Upper

98 100

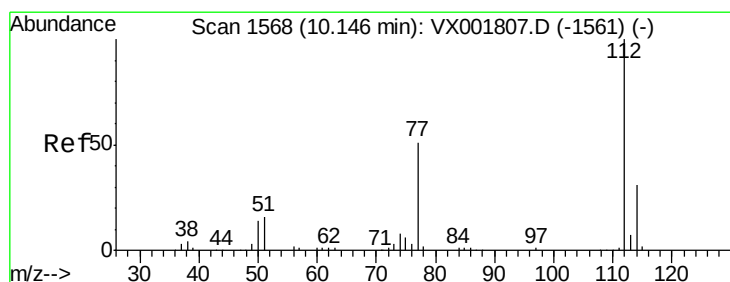
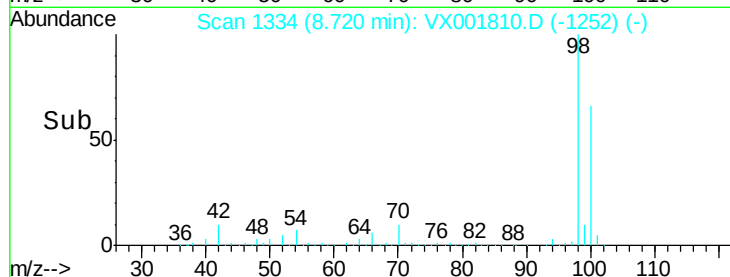
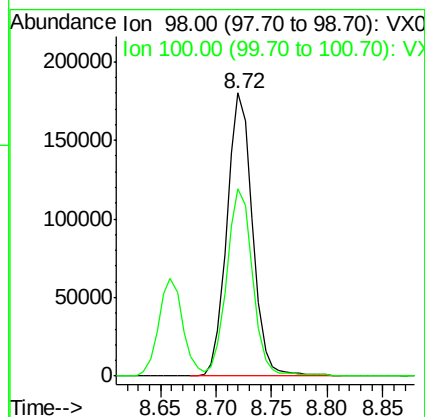
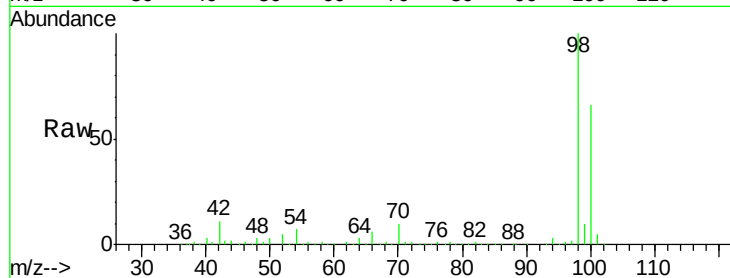
100 65.8 53.1 79.7

Manual Integrations

APPROVED

MMDadoda

5/21/2018 2:40:35 PM



#64

Chlorobenzene

Concen: 20.95 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001810.D

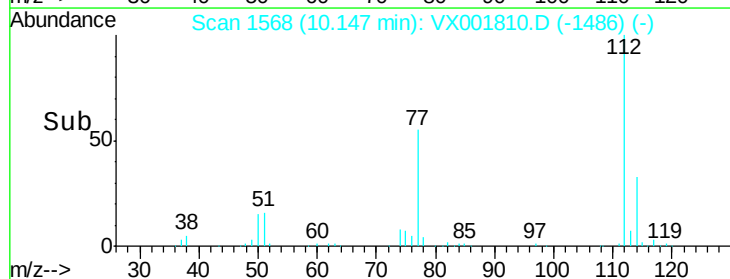
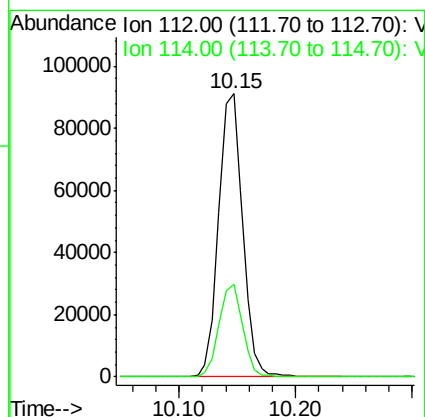
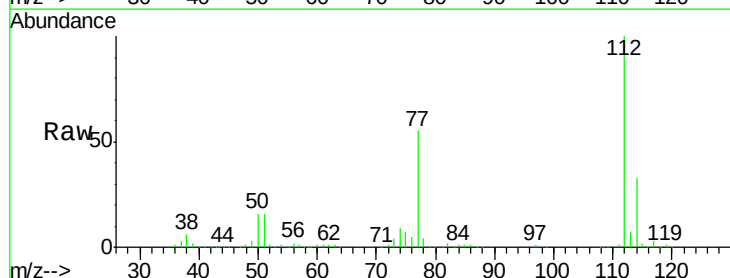
Acq: 18 May 2018 06:01

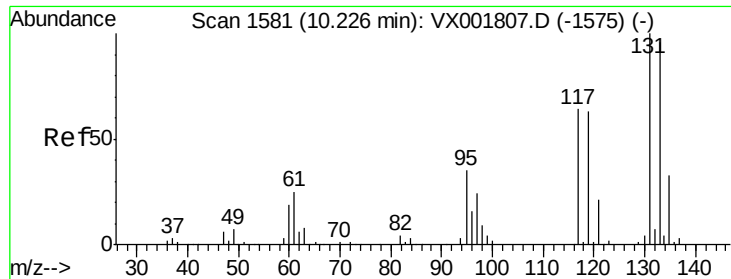
Tgt Ion: 112 Resp: 129044

Ion Ratio Lower Upper

112 100

114 32.6 25.1 37.7





#65

1,1,1,2-Tetrachloroethane

Concen: 21.90 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001810.D

Acq: 18 May 2018 06:01

Instrument :

MSVOA_X

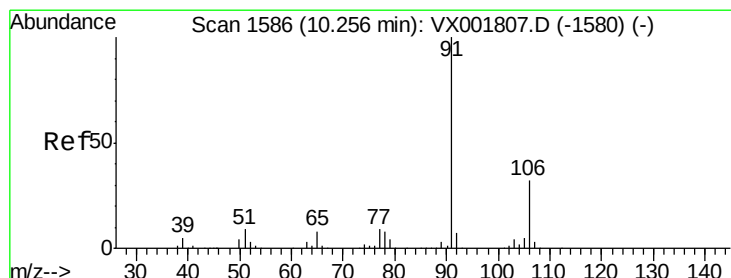
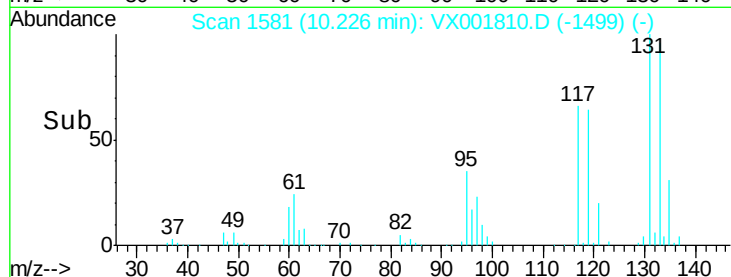
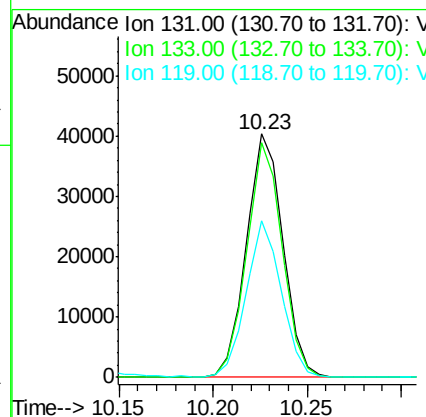
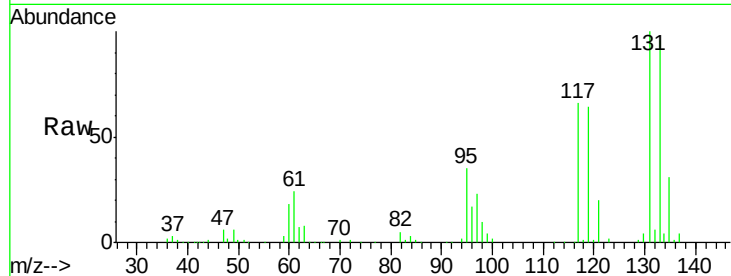
ClientSampleId :

ICVVX051818

Tot Ion:	131	Resp:	54429
Ion	Ratio	Lower	Upper
131	100		
133	93.3	0.0	192.2
119	61.9	0.0	125.4

Manual Integrations
APPROVED

MMDadoda
5/21/2018 2:40:35 PM



#66

Ethyl Benzene

Concen: 20.71 ug/l

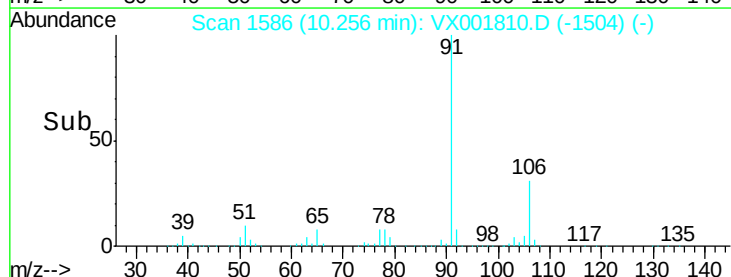
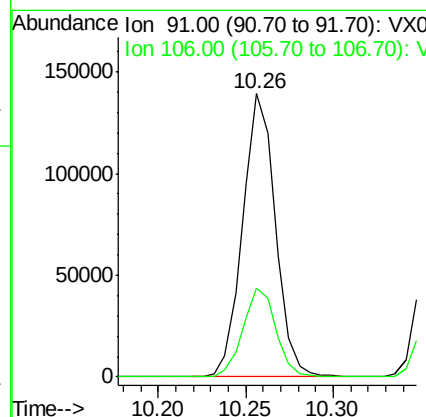
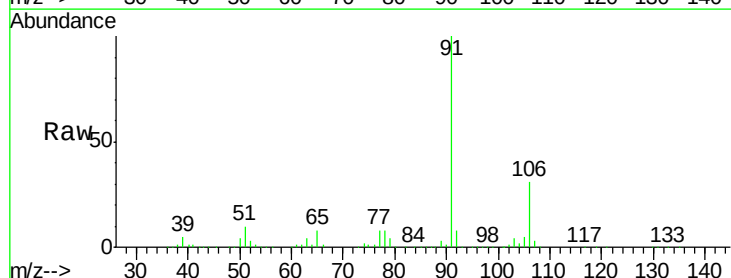
RT: 10.26 min Scan# 1586

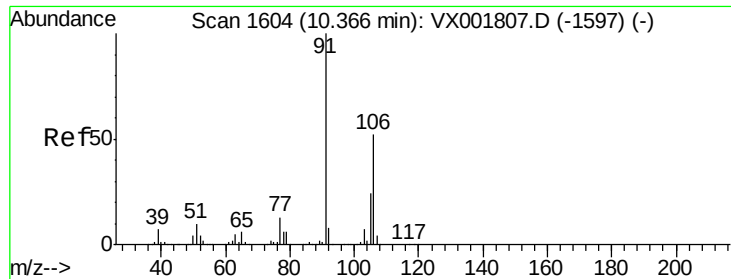
Delta R.T. 0.00 min

Lab File: VX001810.D

Acq: 18 May 2018 06:01

Tgt Ion:	91	Resp:	181087
Ion	Ratio	Lower	Upper
91	100		
106	31.3	25.8	38.6





#67

m/p-Xylenes

Concen: 41.37 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001810.D

Acq: 18 May 2018 06:01

Instrument :

MSVOA_X

ClientSampleId :

ICVVX051818

Tot Ion:106 Resp: 144614

Ion Ratio Lower Upper

106 100

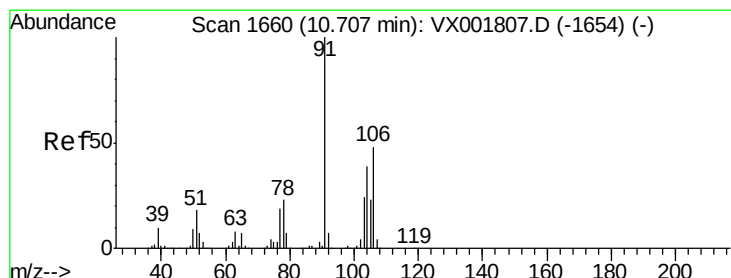
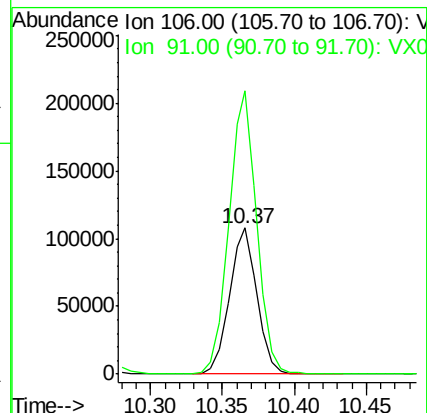
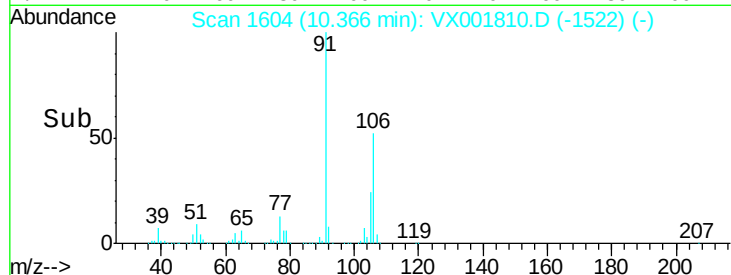
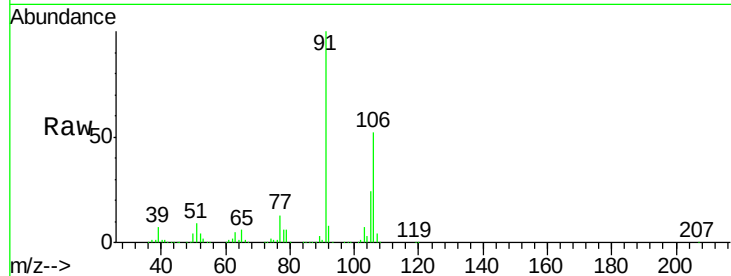
91 195.1 154.7 232.1

Manual Integrations

APPROVED

MMDadoda

5/21/2018 2:40:35 PM



#68

o-Xylene

Concen: 21.07 ug/l

RT: 10.71 min Scan# 1660

Delta R.T. 0.00 min

Lab File: VX001810.D

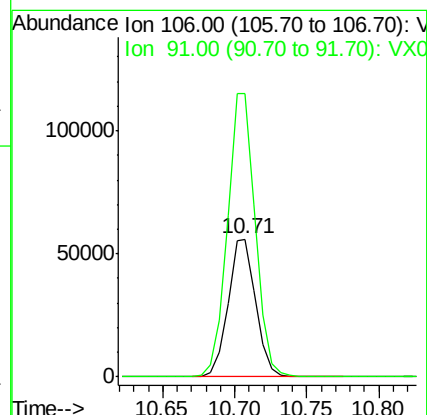
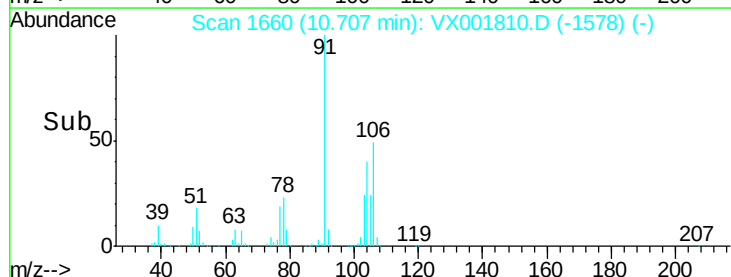
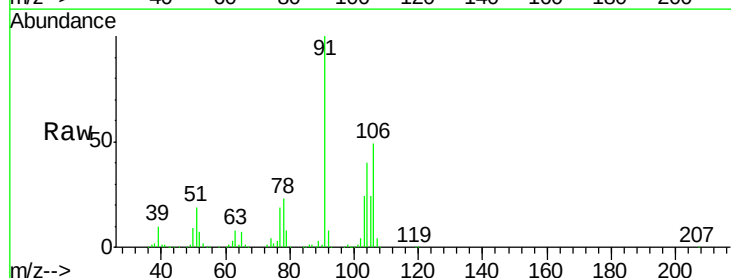
Acq: 18 May 2018 06:01

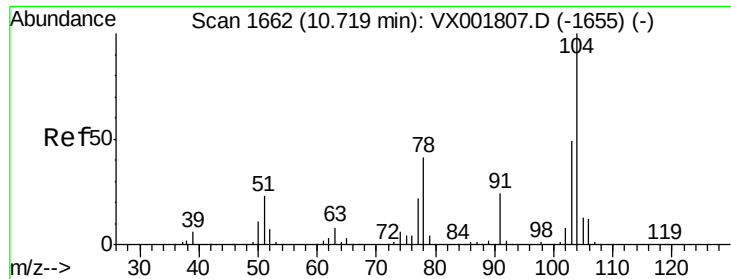
Tgt Ion:106 Resp: 75789

Ion Ratio Lower Upper

106 100

91 206.1 104.3 312.8





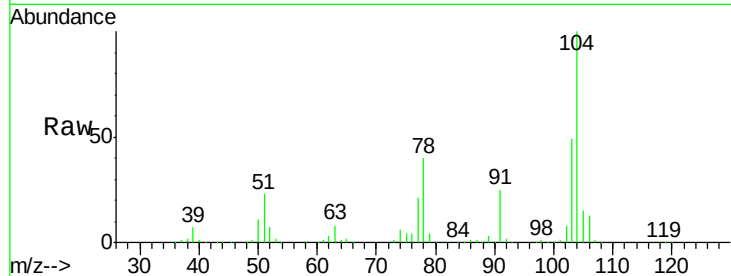
#69
Stvrene
Concen: 21.49 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001810.D
Acq: 18 May 2018 06:01

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051818

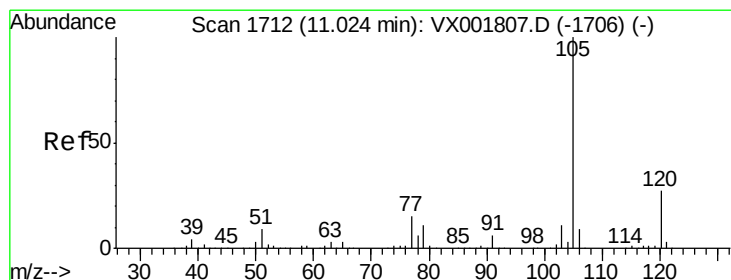
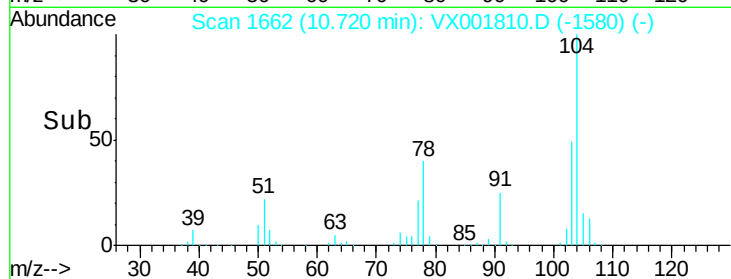
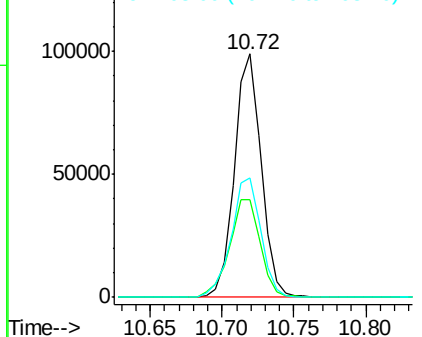
Tot Ion	Ratio	Lower	Upper
104	100		
78	46.2	37.0	55.6
103	54.5	43.5	65.3

Manual Integrations
APPROVED

MMDadoda
5/21/2018 2:40:35 PM

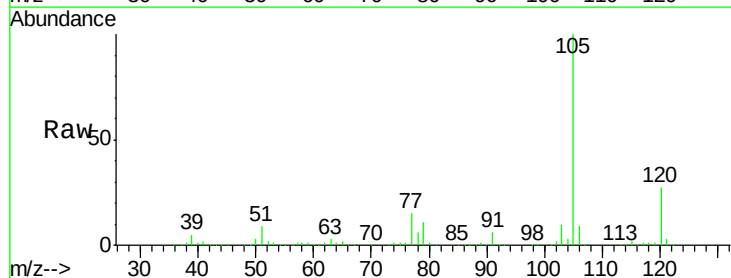


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

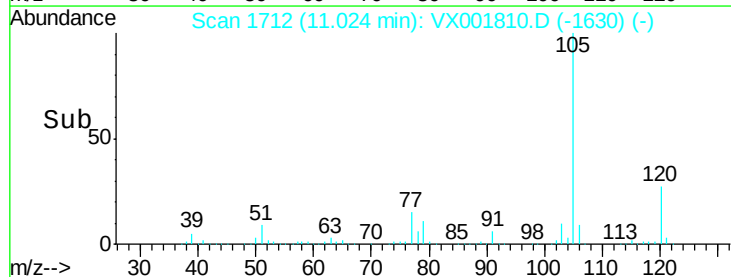
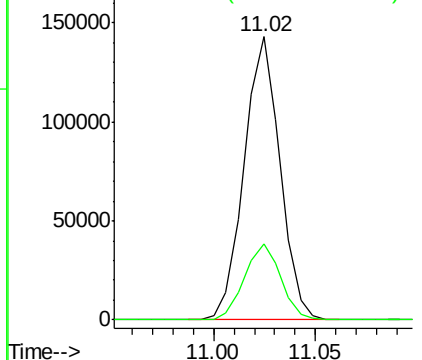


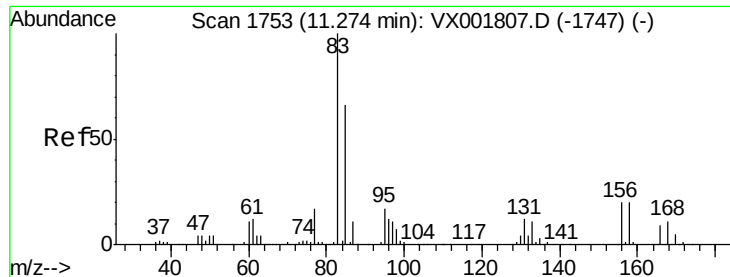
#70
Isopropylbenzene
Concen: 20.69 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX001810.D
Acq: 18 May 2018 06:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.3	19.3	35.9



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





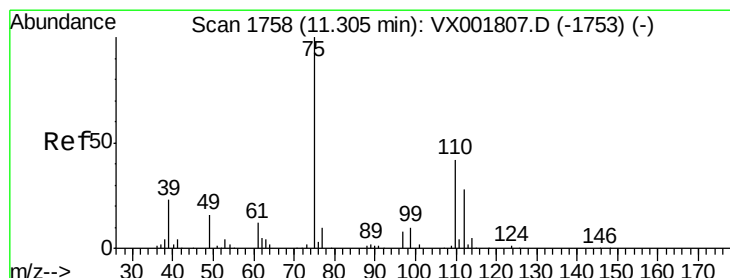
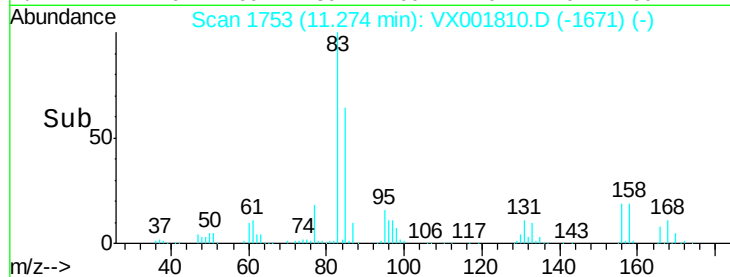
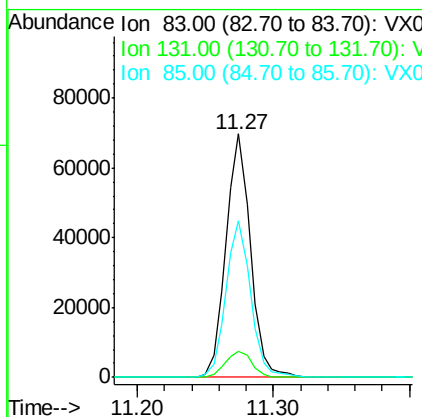
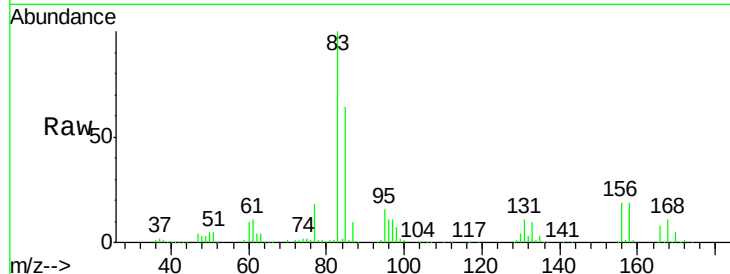
#71
 1,1,2,2-Tetrachloroethane
 Concen: 22.80 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: VX001810.D
 Acq: 18 May 2018 06:01

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051818

Tot Ion	83	Resp	87475
Ion Ratio	100	Lower	Upper
83	100		
131	11.6	5.8	17.3
85	64.7	32.3	96.9

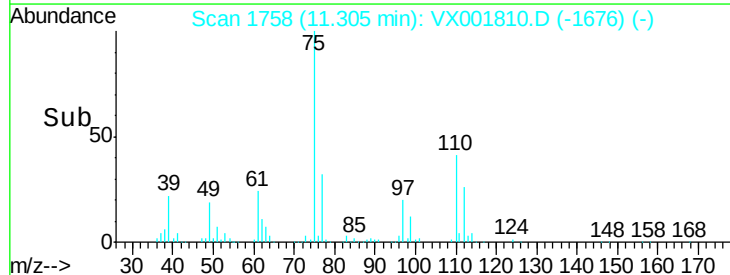
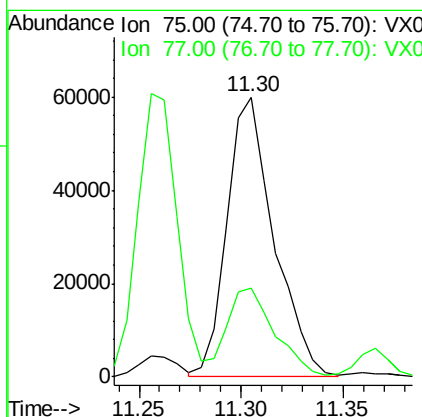
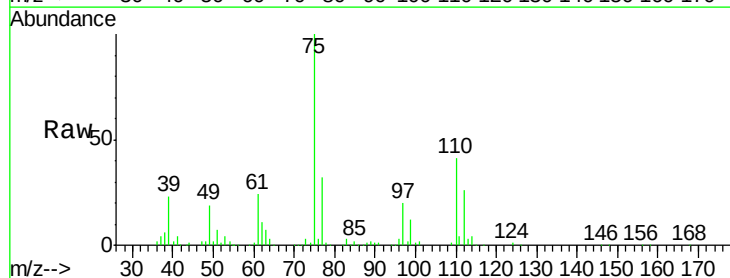
Manual Integrations
 APPROVED

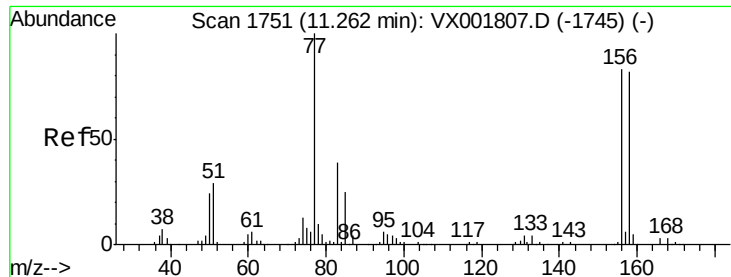
MMDadoda
 5/21/2018 2:40:35 PM



#72
 1,2,3-Trichloropropane
 Concen: 26.18 ug/l
 RT: 11.30 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VX001810.D
 Acq: 18 May 2018 06:01

Tgt Ion	75	Resp	95572
Ion Ratio	100	Lower	Upper
75	100		
77	32.9	0.0	74.6





#73

Bromobenzene

Concen: 21.00 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001810.D

Acq: 18 May 2018 06:01

Instrument :

MSVOA_X

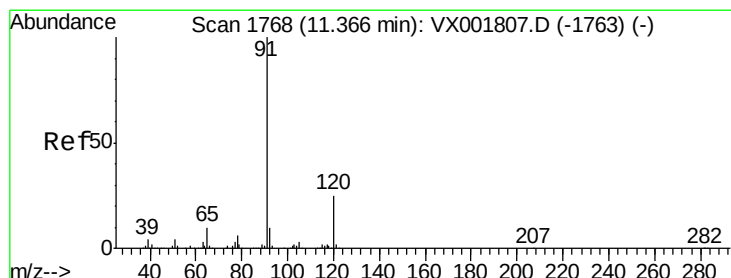
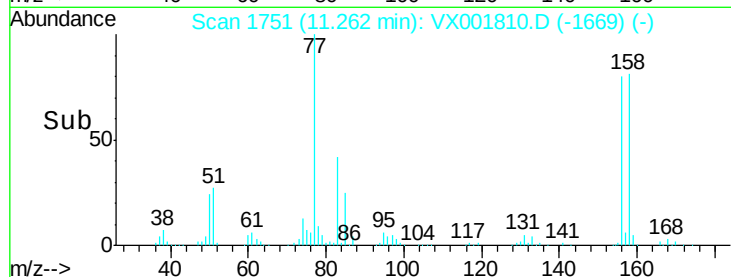
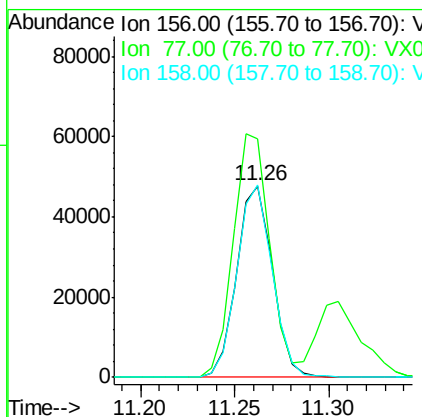
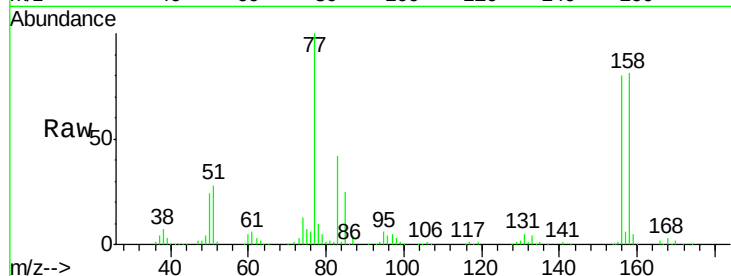
ClientSampleId :

ICVVX051818

Tot Ion	Ratio	Lower	Upper
156	100		
77	129.4	0.0	261.8
158	99.6	0.0	198.2

Manual Integrations
APPROVED

MMDadoda
5/21/2018 2:40:35 PM



#74

n-propylbenzene

Concen: 20.82 ug/l

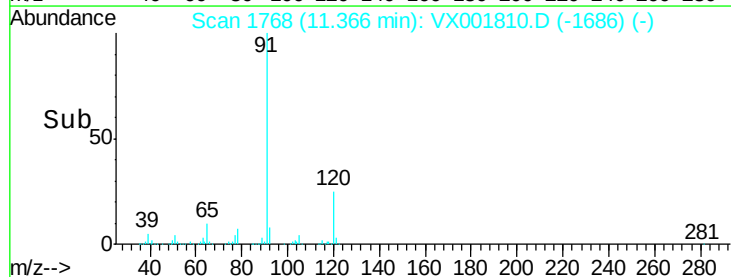
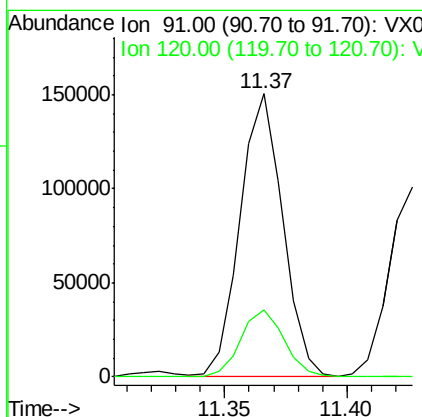
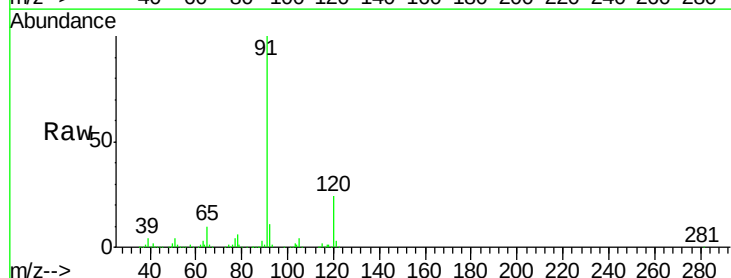
RT: 11.37 min Scan# 1768

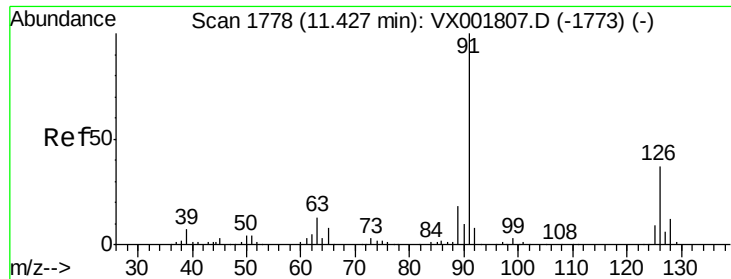
Delta R.T. 0.00 min

Lab File: VX001810.D

Acq: 18 May 2018 06:01

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.0	0.0	49.2





#75

2-Chlorotoluene

Concen: 20.77 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001810.D

Acq: 18 May 2018 06:01

Instrument :

MSVOA_X

ClientSampleId :

ICVX051818

Tot Ion: 91 Resp: 125694

Ion Ratio Lower Upper

91 100

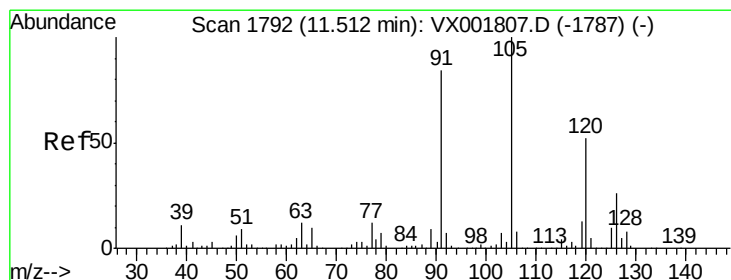
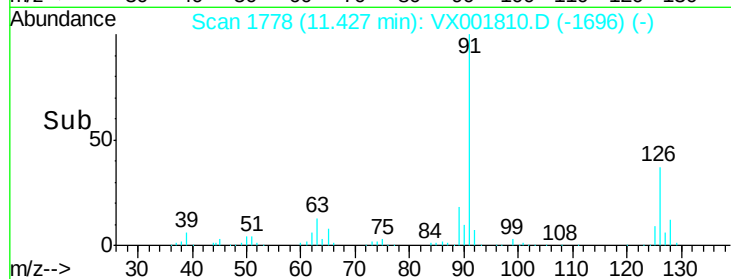
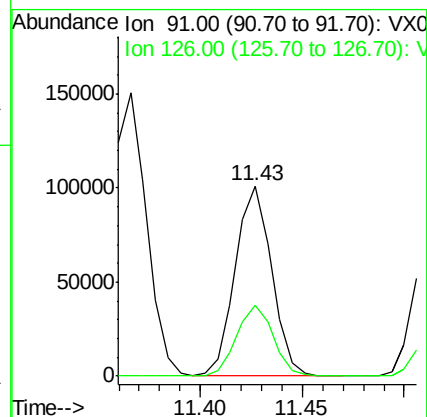
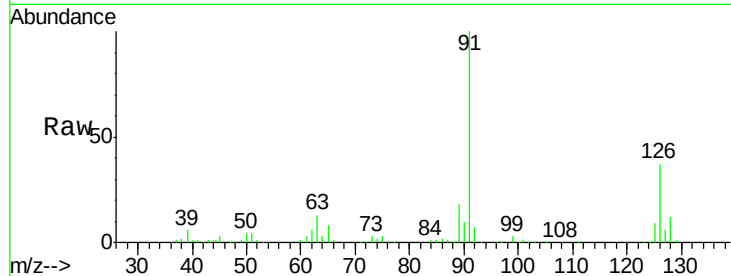
126 37.0 0.0 72.0

Manual Integrations

APPROVED

MMDadoda

5/21/2018 2:40:35 PM



#76

1,3,5-Trimethylbenzene

Concen: 20.79 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001810.D

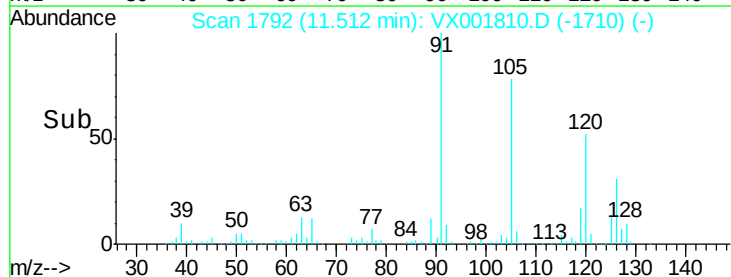
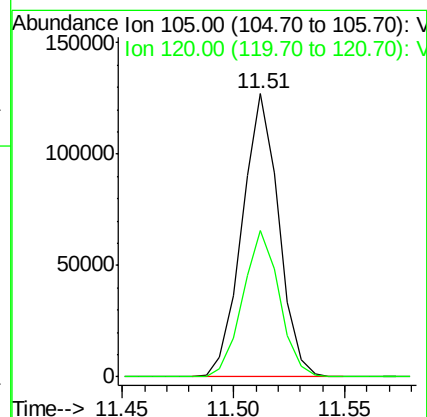
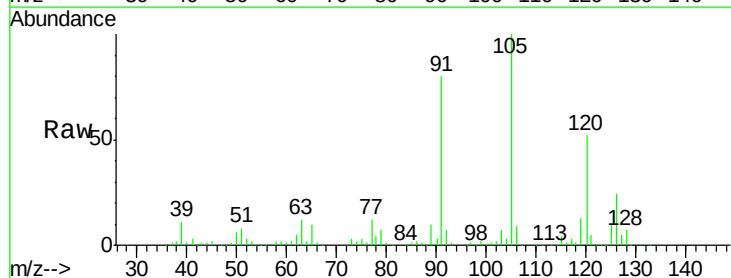
Acq: 18 May 2018 06:01

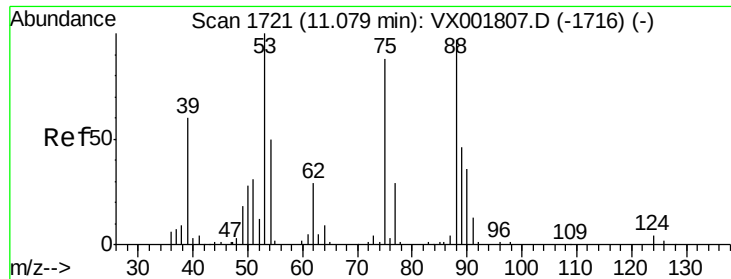
Tgt Ion: 105 Resp: 145945

Ion Ratio Lower Upper

105 100

120 51.6 0.0 103.0





#77

t-1,4-Dichloro-2-butene

Concen: 21.97 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001810.D

Acq: 18 May 2018 06:01

Instrument :

MSVOA_X

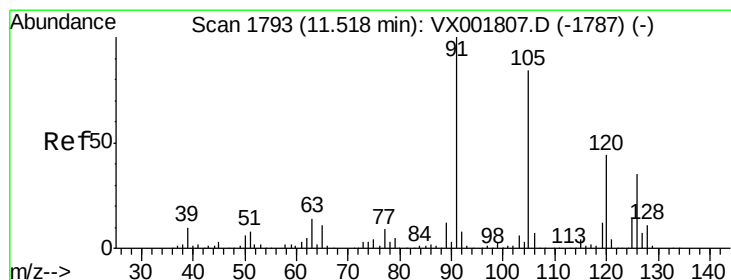
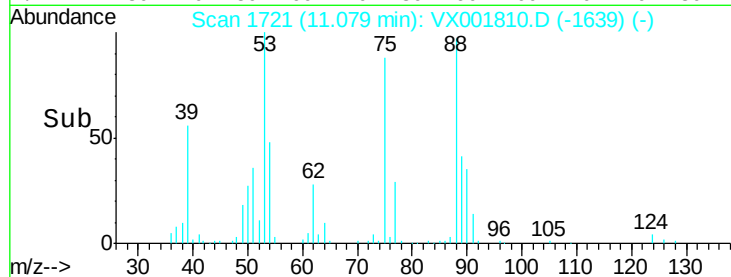
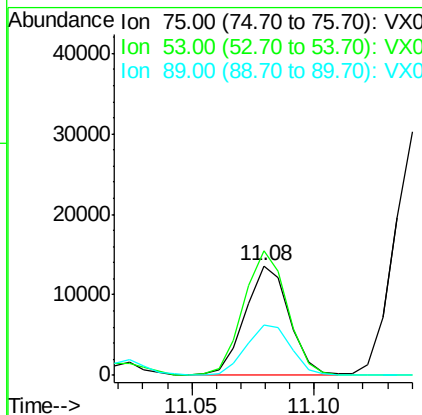
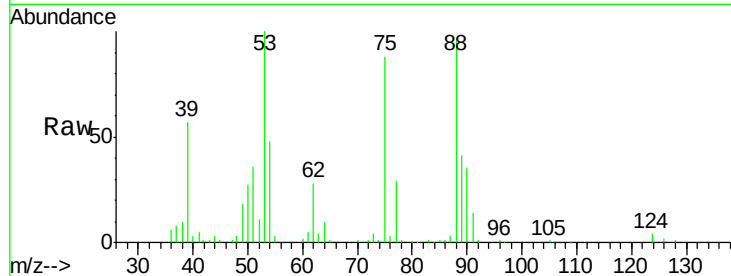
ClientSampleId :

ICVVX051818

Tot Ion	Ratio	Lower	Upper
75	100		
53	113.5	57.0	170.8
89	46.5	26.3	78.9

Manual Integrations
APPROVED

MMDadoda
5/21/2018 2:40:35 PM



#78

4-Chlorotoluene

Concen: 20.82 ug/l

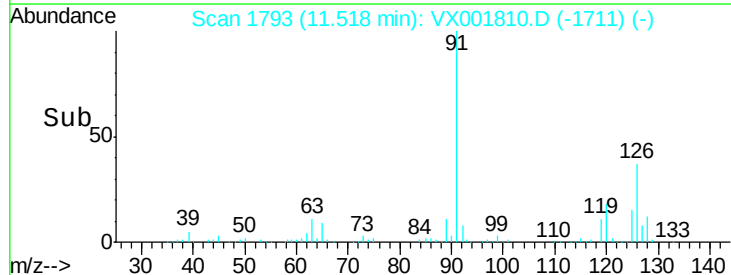
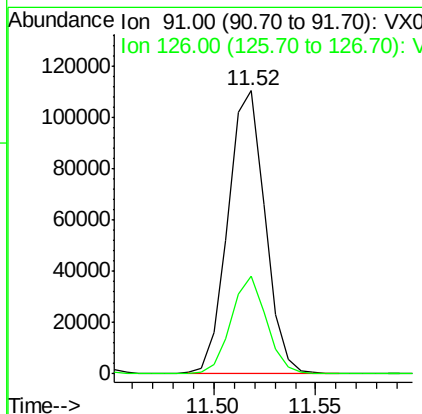
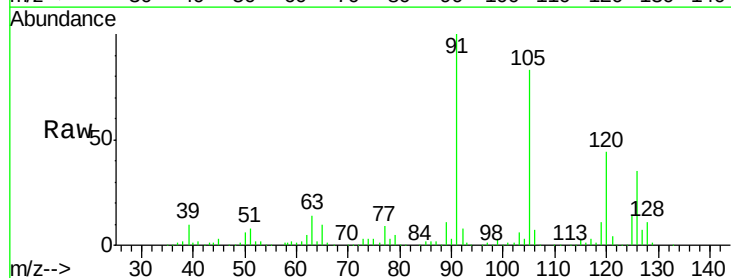
RT: 11.52 min Scan# 1793

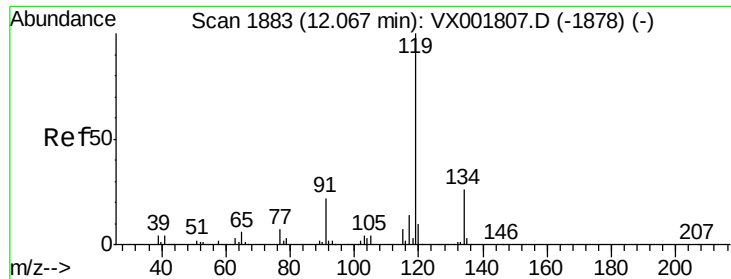
Delta R.T. 0.00 min

Lab File: VX001810.D

Acq: 18 May 2018 06:01

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.6	0.0	64.8





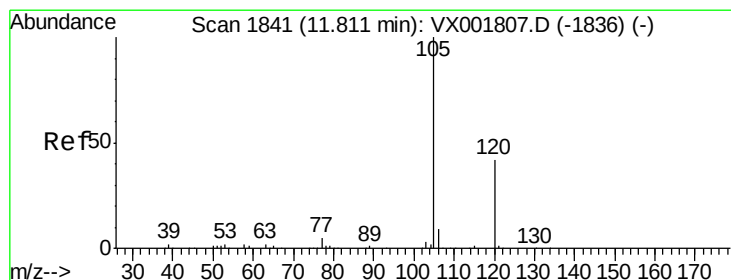
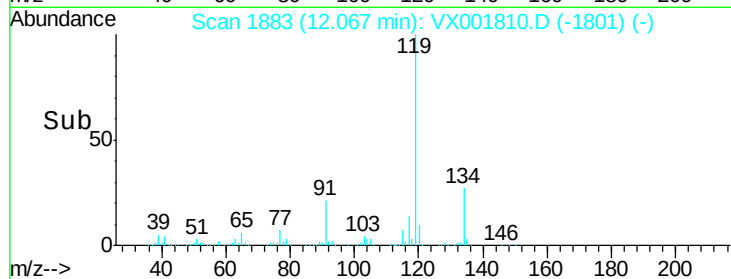
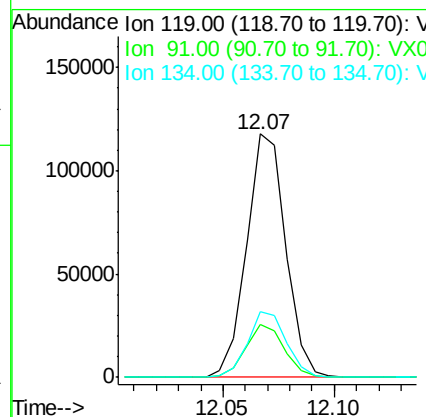
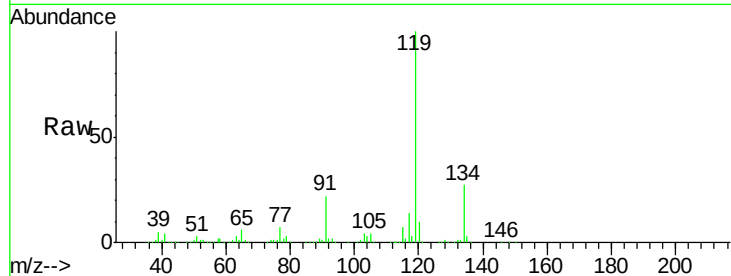
#79
tert-butylbenzene
Concen: 20.81 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX001810.D
Acq: 18 May 2018 06:01

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051818

Tot Ion	Ratio	Resp	Lower	Upper
119	100	144164		
91	21.5	0.0	43.2	
134	26.9	0.0	54.6	

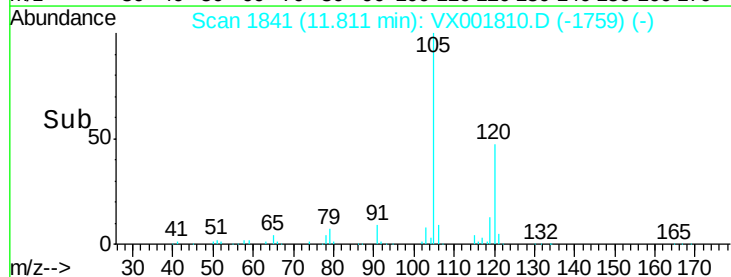
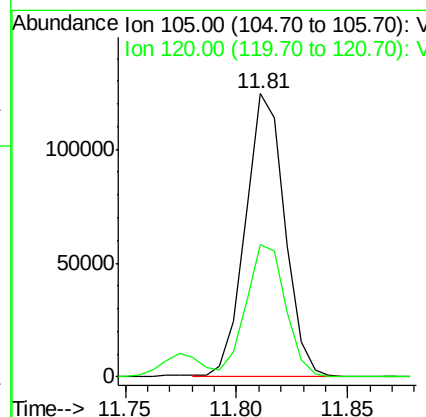
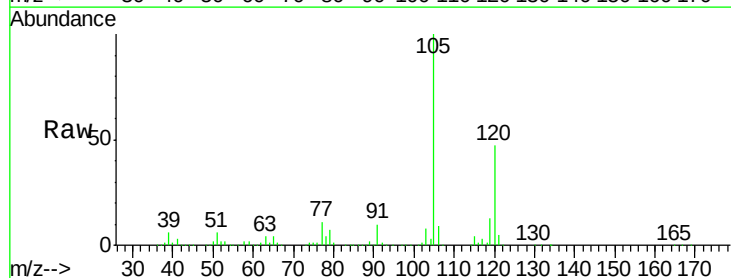
Manual Integrations
APPROVED

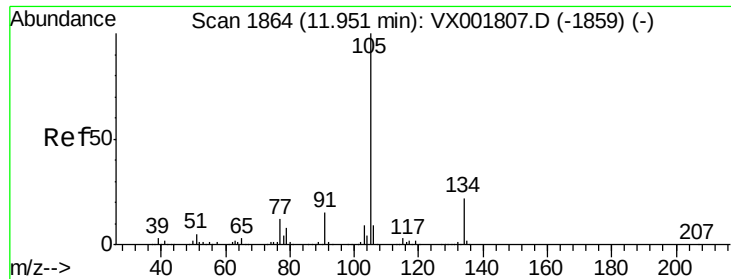
MMDadoda
5/21/2018 2:40:35 PM



#80
1,2,4-Trimethylbenzene
Concen: 21.23 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX001810.D
Acq: 18 May 2018 06:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	153937		
120	46.9	0.0	94.6	





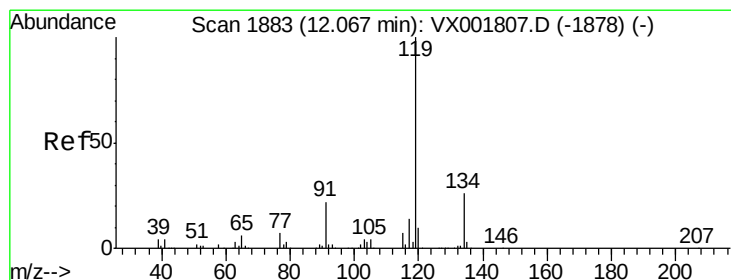
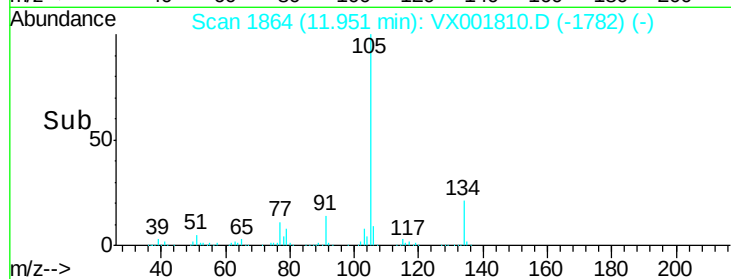
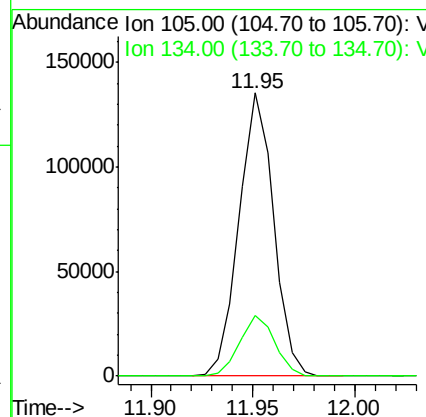
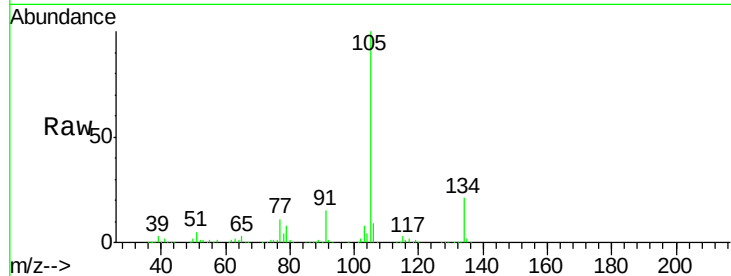
#81
 sec-Butylbenzene
 Concen: 20.92 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001810.D
 Acq: 18 May 2018 06:01

Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX051818

Tot Ion	Ratio	Resp	Lower	Upper
105	100	159035		
134	21.8	0.0	44.0	

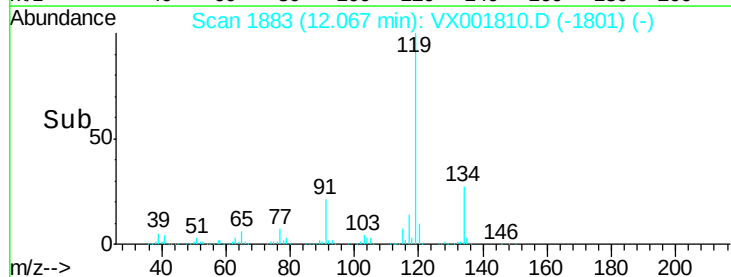
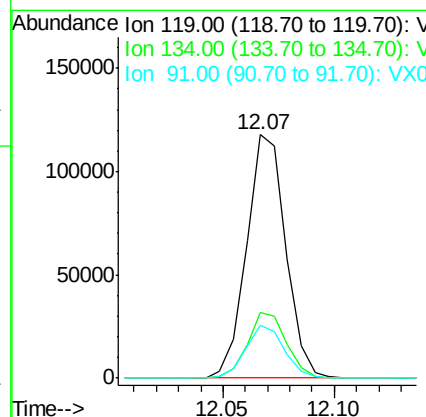
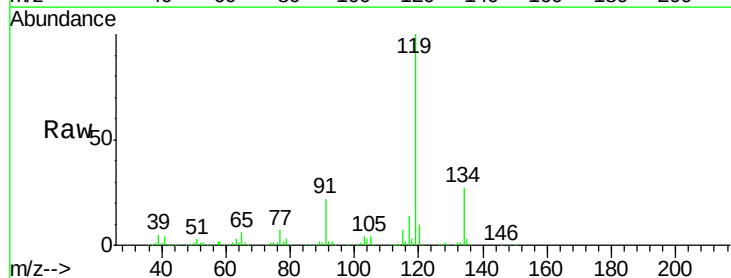
Manual Integrations
 APPROVED

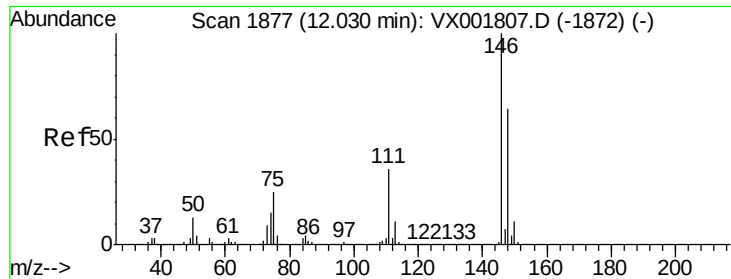
MMDadoda
 5/21/2018 2:40:35 PM



#82
 p-Isopropyltoluene
 Concen: 20.81 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX001810.D
 Acq: 18 May 2018 06:01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	144164		
134	26.9	0.0	54.6	
91	21.5	0.0	43.2	





#83

1,3-Dichlorobenzene

Concen: 20.69 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001810.D

Acq: 18 May 2018 06:01

Instrument :

MSVOA_X

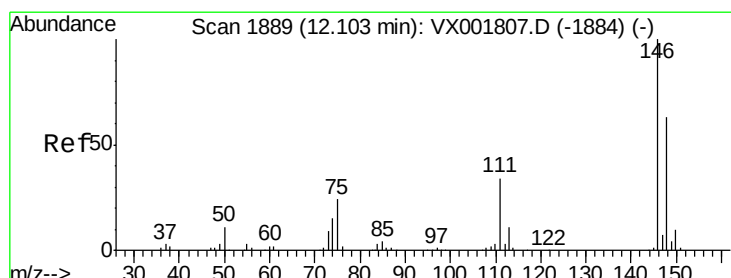
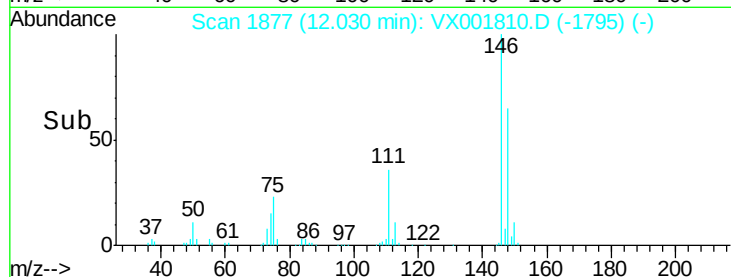
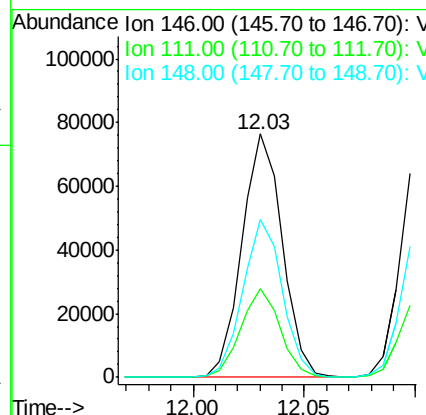
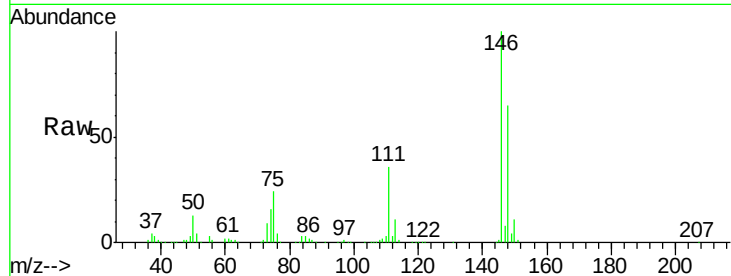
ClientSampleId :

ICVVX051818

Tot Ion:	146	Resp:	96499
Ion Ratio	Lower	Upper	
146	100		
111	35.7	18.0	54.0
148	63.9	31.9	95.9

Manual Integrations
APPROVED

MMDadoda
5/21/2018 2:40:35 PM



#84

1,4-Dichlorobenzene

Concen: 21.03 ug/l

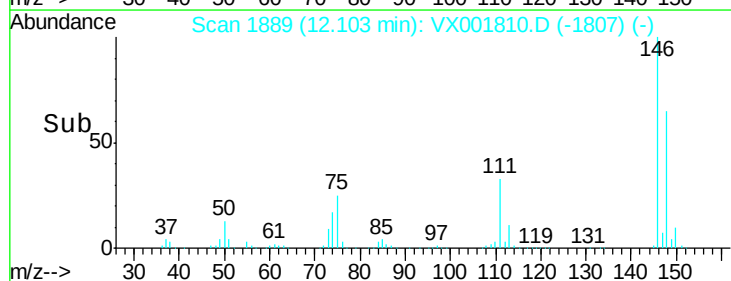
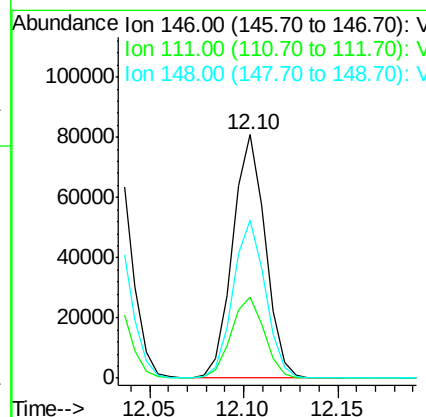
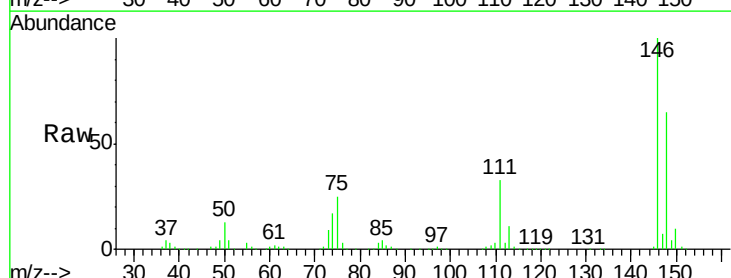
RT: 12.10 min Scan# 1889

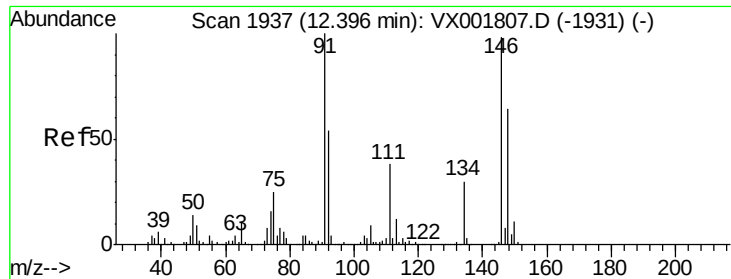
Delta R.T. 0.00 min

Lab File: VX001810.D

Acq: 18 May 2018 06:01

Tgt Ion:	146	Resp:	97396
Ion Ratio	Lower	Upper	
146	100		
111	33.9	17.1	51.2
148	64.2	31.8	95.3





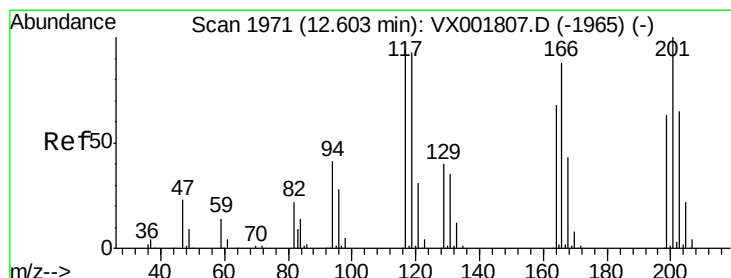
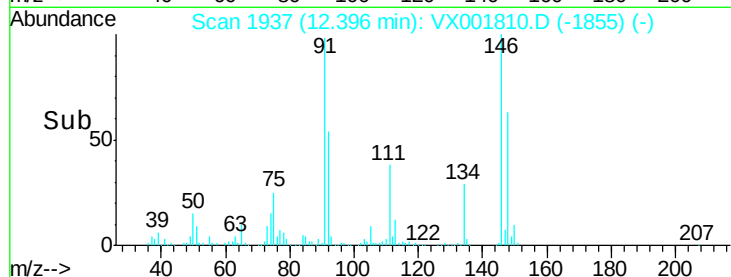
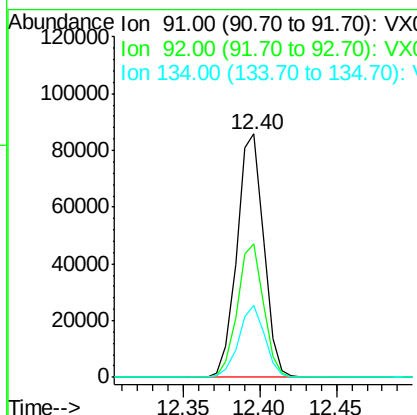
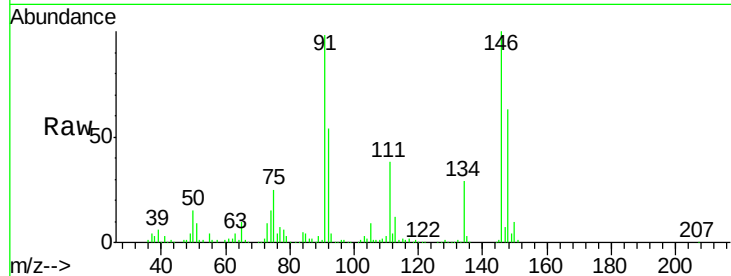
#85
n-Butylbenzene
Concen: 20.70 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001810.D
Acq: 18 May 2018 06:01

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051818

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		104120		
92	53.4	0.0	108.2		
134	28.5	0.0	57.8		

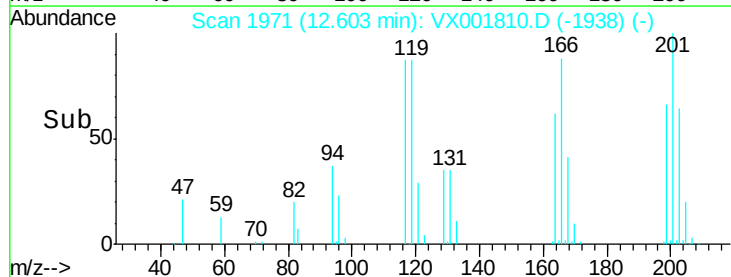
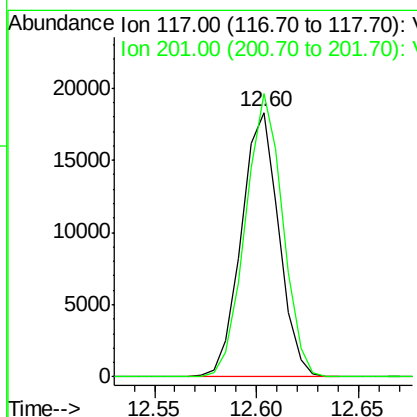
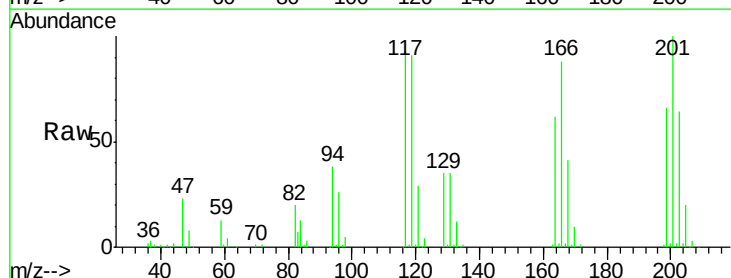
Manual Integrations
APPROVED

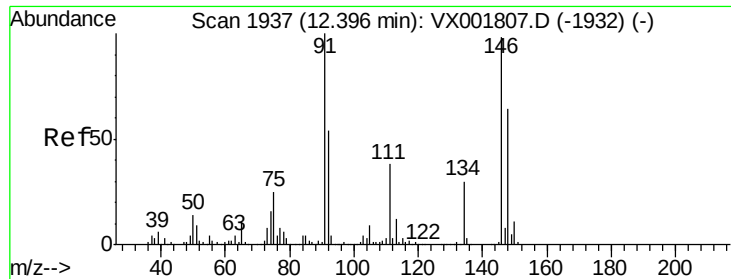
MMDadoda
5/21/2018 2:40:35 PM



#86
Hexachloroethane
Concen: 20.21 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001810.D
Acq: 18 May 2018 06:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		23335		
201	106.6	53.0	159.0		





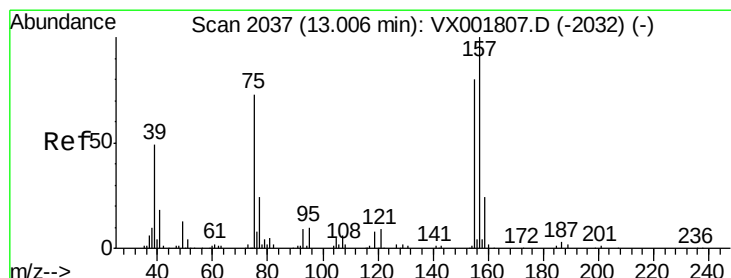
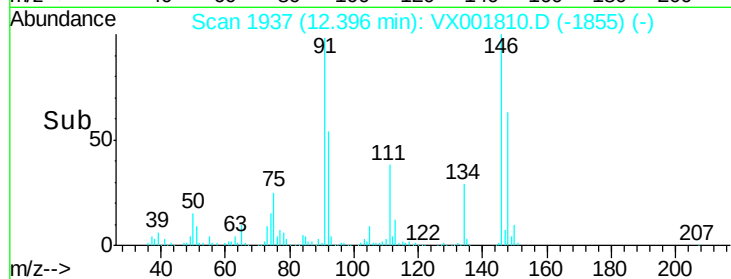
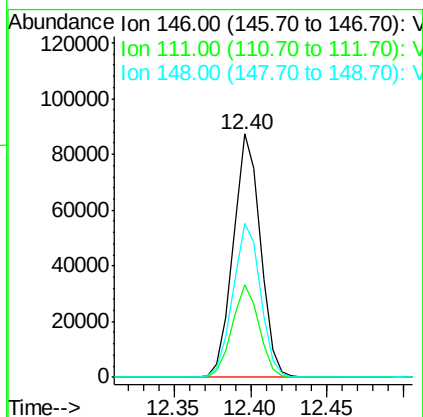
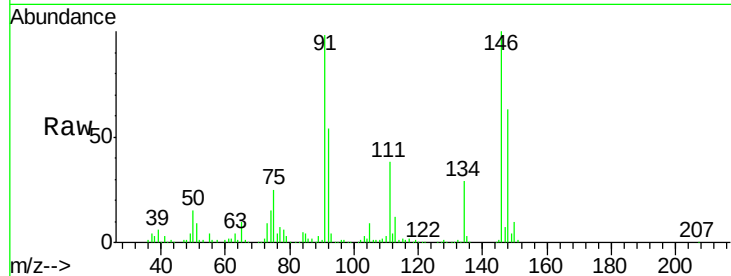
#87
 1,2-Dichlorobenzene
 Concen: 21.25 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001810.D
 Acq: 18 May 2018 06:01

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051818

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.9	56.5
148	64.1	32.9	98.7

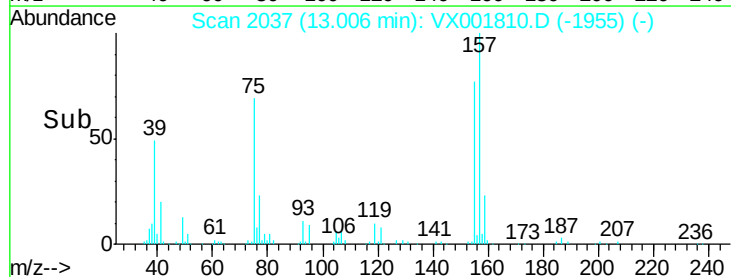
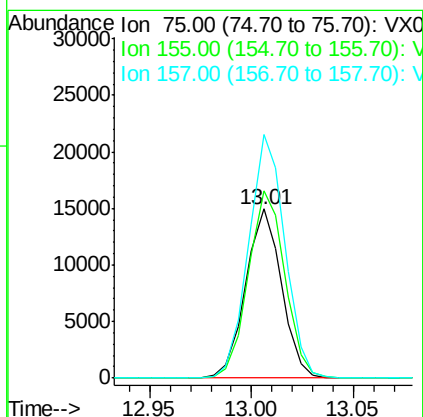
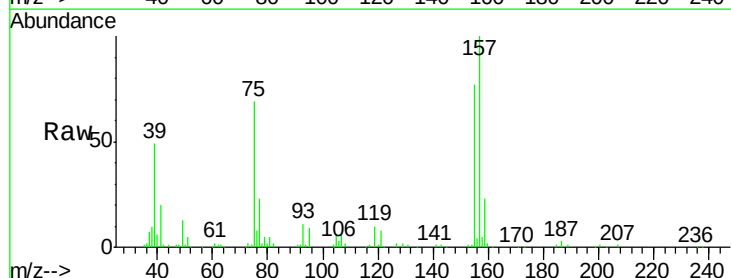
Manual Integrations
 APPROVED

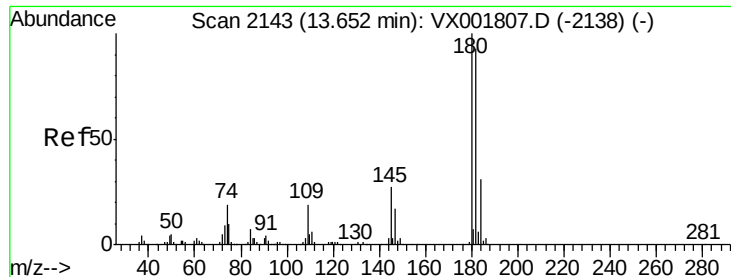
MMDadoda
 5/21/2018 2:40:35 PM



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 22.52 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001810.D
 Acq: 18 May 2018 06:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	112.8	88.5	132.7
157	145.7	111.0	166.4





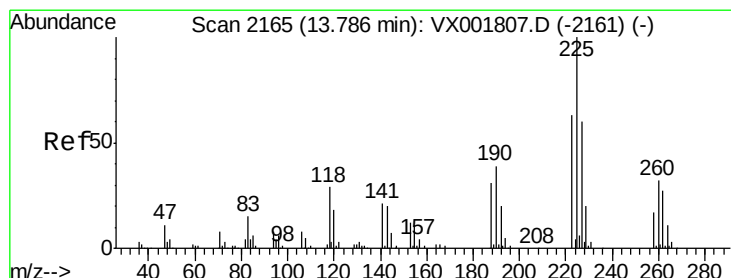
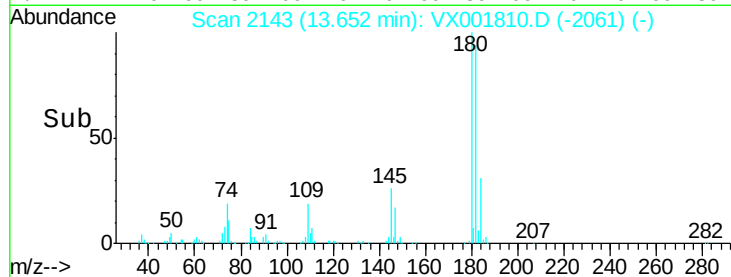
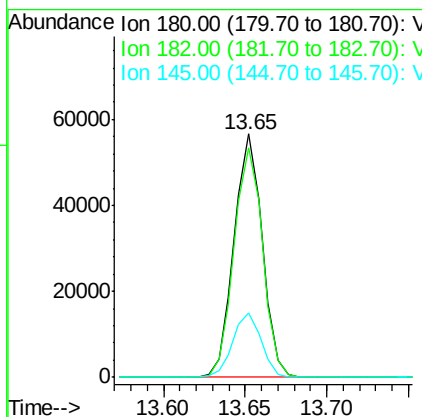
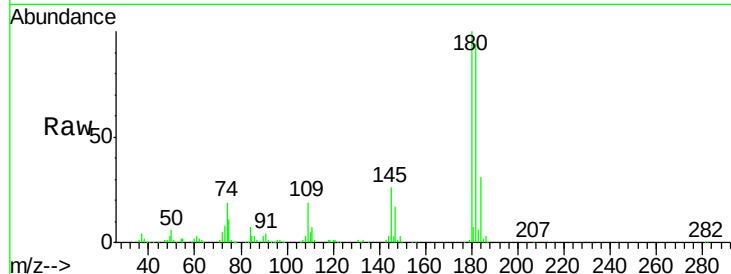
#89
 1,2,4-Trichlorobenzene
 Concen: 21.42 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001810.D
 Acq: 18 May 2018 06:01

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051818

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.6	113.4
145	26.7	21.6	32.4

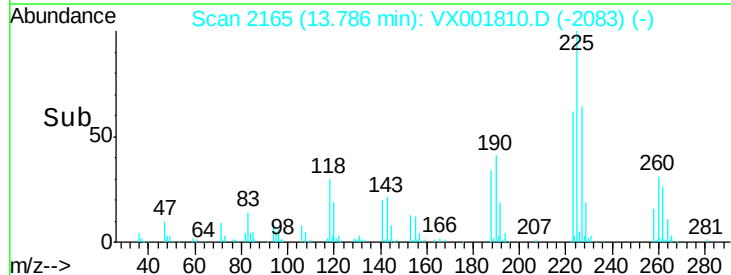
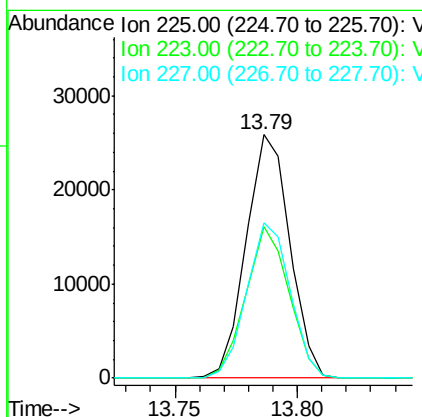
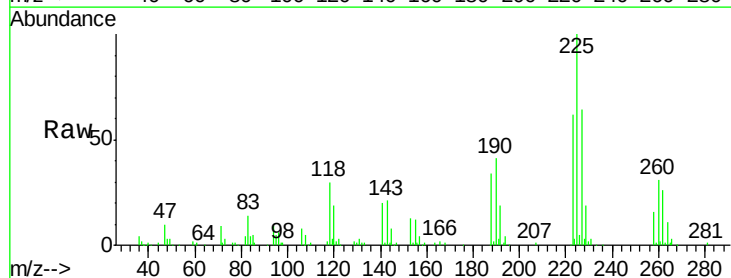
Manual Integrations
 APPROVED

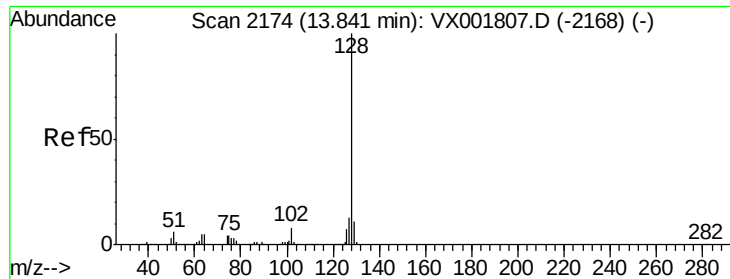
MMDadoda
 5/21/2018 2:40:35 PM



#90
 Hexachlorobutadiene
 Concen: 20.62 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001810.D
 Acq: 18 May 2018 06:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	0.0	123.6
227	63.6	0.0	124.0





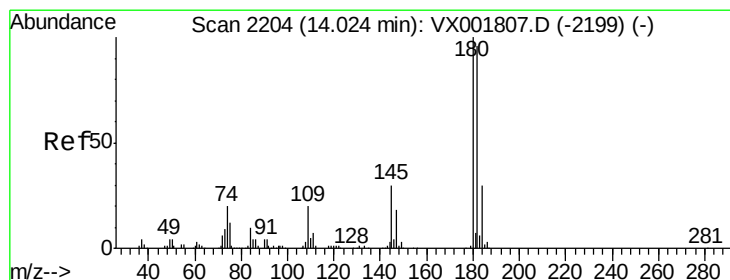
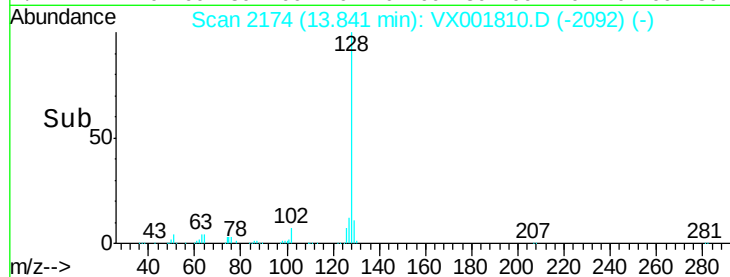
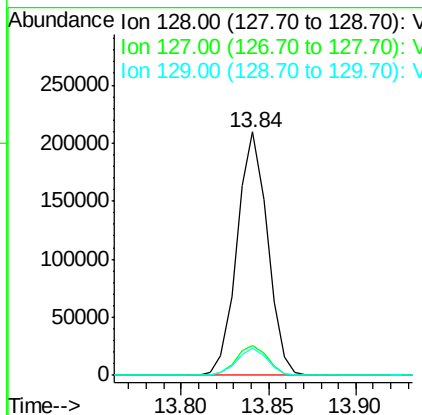
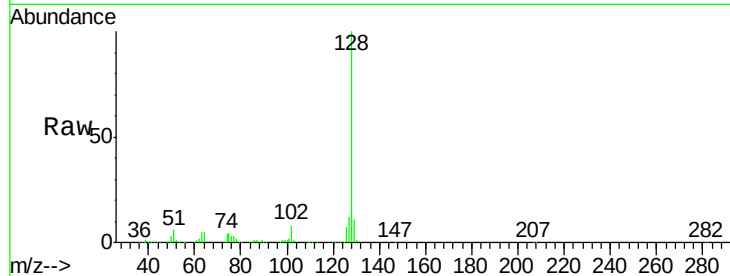
#91
Naphthalene
Concen: 22.89 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001810.D
Acq: 18 May 2018 06:01

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051818

Tot Ion	Ratio	Resp	Lower	Upper
128	100	254305		
127	12.8		10.2	15.4
129	11.0		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/21/2018 2:40:35 PM



#92
1,2,3-Trichlorobenzene
Concen: 21.66 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001810.D
Acq: 18 May 2018 06:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	77701		
182	96.5		0.0	188.8
145	28.5		0.0	56.6

